

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092818\
 Data File : BE097699.D
 Acq On : 28 Sep 2018 11:50
 Operator : SJ/JU
 Sample : PB113060BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113060BS

Quant Time: Sep 28 15:32:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 28 14:22:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	910	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4307	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2368	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6299	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7432	0.40	ng	0.00
34) Perylene-d12	23.21	264	7233	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	840	0.37	ng	0.00
5) Phenol-d6	6.62	99	1215	0.39	ng	0.00
8) Nitrobenzene-d5	8.53	82	1512	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2504	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	293	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3837	0.39	ng	0.00
25) Fluoranthene-d10	18.80	212	28696	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	6130	0.38	ng	0.00

Target Compounds

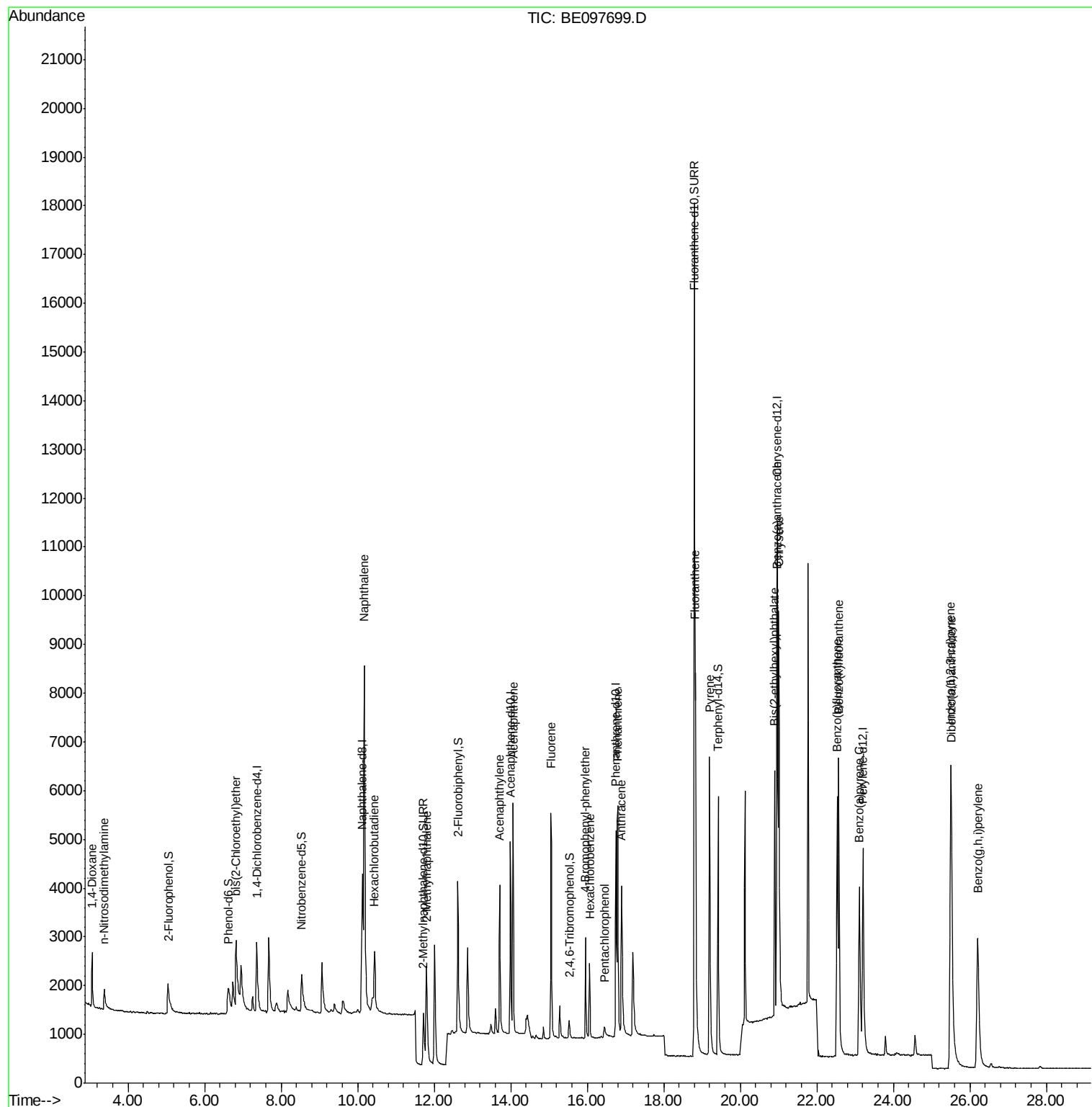
						Qvalue
2) 1,4-Dioxane	3.06	88	725	0.382	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	404	0.354	ng	# 95
6) bis(2-Chloroethyl)ether	6.83	93	1157	0.381	ng	74
9) Naphthalene	10.17	128	16262	0.382	ng	99
10) Hexachlorobutadiene	10.44	225	768	0.386	ng	96
12) 2-Methylnaphthalene	11.80	142	2429	0.374	ng	98
16) Acenaphthylene	13.72	152	3682	0.364	ng	100
17) Acenaphthene	14.06	154	2626	0.386	ng	94
18) Fluorene	15.05	166	3274	0.377	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1221	0.380	ng	# 84
21) Hexachlorobenzene	16.07	284	1391	0.385	ng	# 84
22) Pentachlorophenol	16.45	266	232	0.280	ng	85
23) Phenanthrene	16.80	178	6240	0.383	ng	99
24) Anthracene	16.89	178	4909	0.366	ng	96
26) Fluoranthene	18.83	202	7502	0.371	ng	98
28) Pyrene	19.20	202	7543	0.390	ng	100
30) Benzo(a)anthracene	20.95	228	6380	0.347	ng	97
31) Chrysene	21.00	228	9117	0.396	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	7369	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	9938	0.409	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	7437	0.356	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9251	0.384	ng	94
37) Benzo(a)pyrene	23.11	252	7395	0.369	ng	93
38) Dibenzo(a,h)anthracene	25.52	278	8195	0.377	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	7966	0.361	ng	# 89

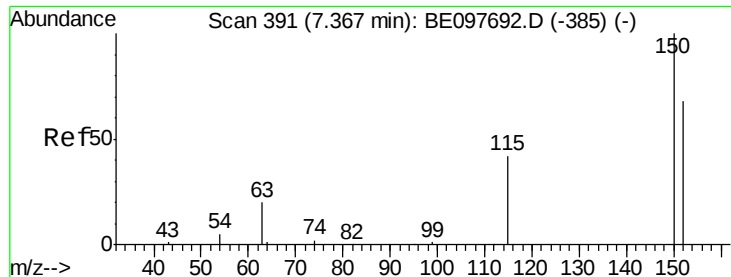
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE097699.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 28 15:32:29 2018
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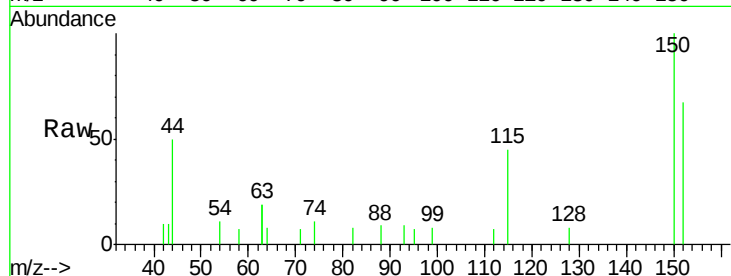


#1

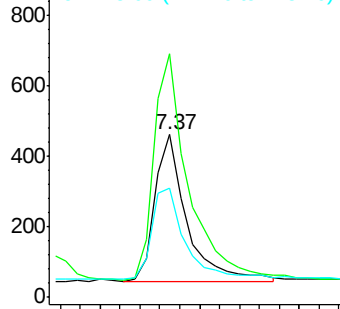
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Instrument :
BNA_E
ClientSampleId :
PB113060BS

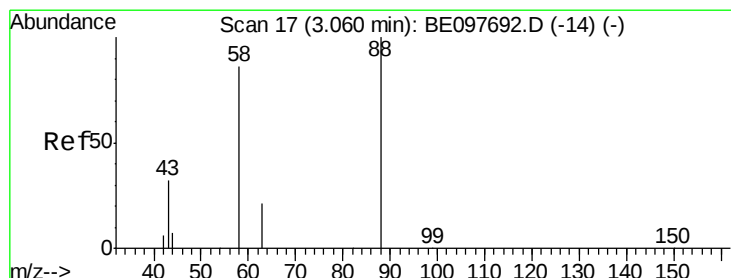
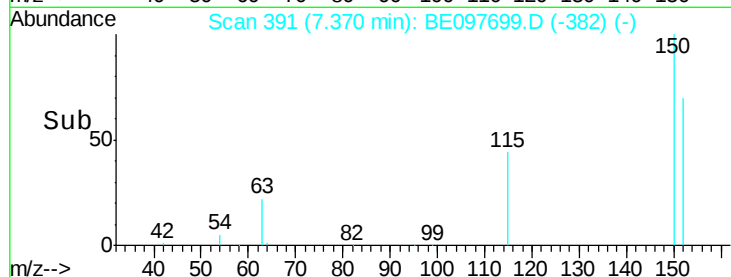
Tgt Ion: 152 Resp: 910
Ion Ratio Lower Upper
152 100
150 149.8 117.2 175.8
115 67.4 57.0 85.6



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



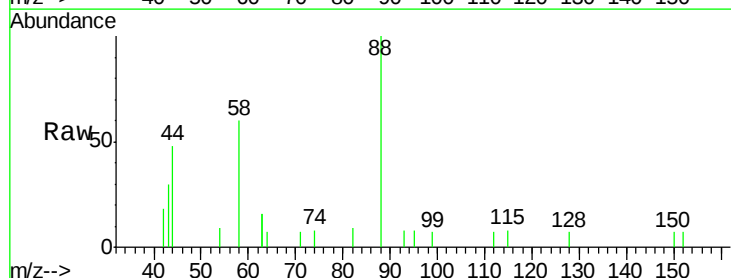
Time-->



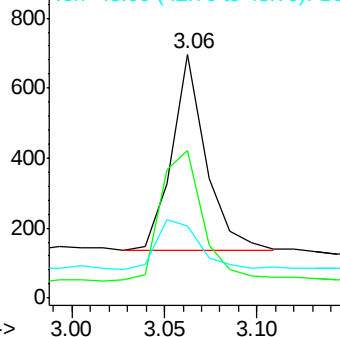
#2

1,4-Dioxane
Concen: 0.382 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

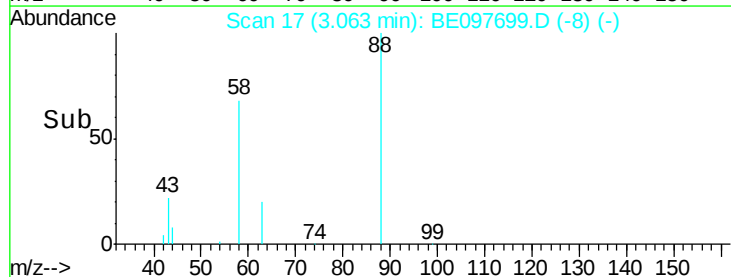
Tgt Ion: 88 Resp: 725
Ion Ratio Lower Upper
88 100
58 81.4 63.2 94.8
43 31.3 41.2 61.8#

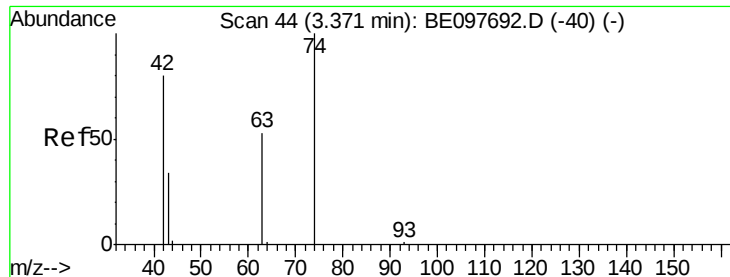


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



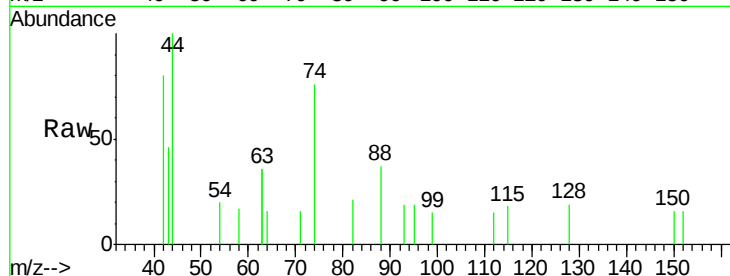


#3

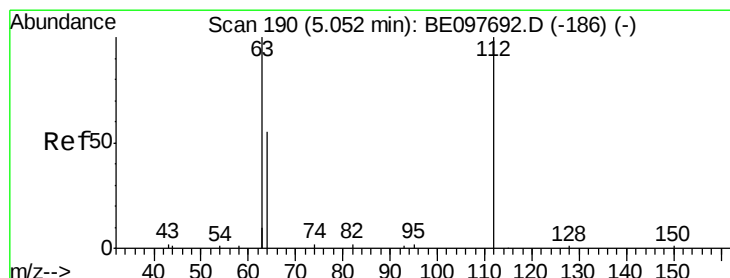
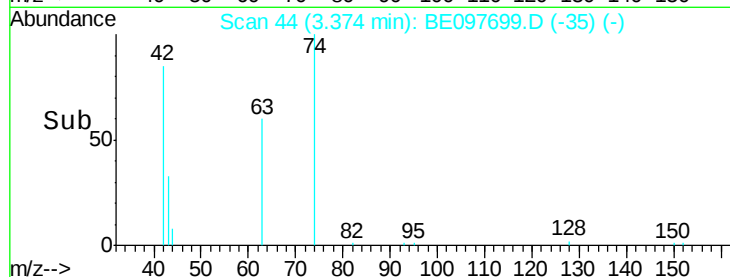
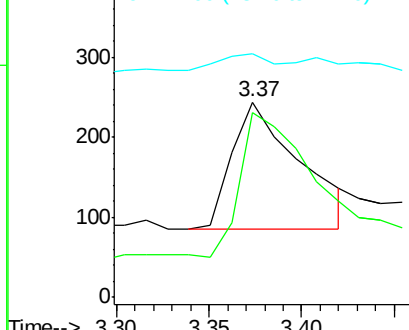
n-Nitrosodimethylamine
 Concen: 0.354 ng
 RT: 3.37 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE097699.D
 Acq: 28 Sep 2018 11:50

Instrument :
 BNA_E
 ClientSampleId :
 PB113060BS

Tgt Ion: 42 Resp: 404
 Ion Ratio Lower Upper
 42 100
 74 114.6 96.0 144.0
 44 11.9 12.0 18.0#



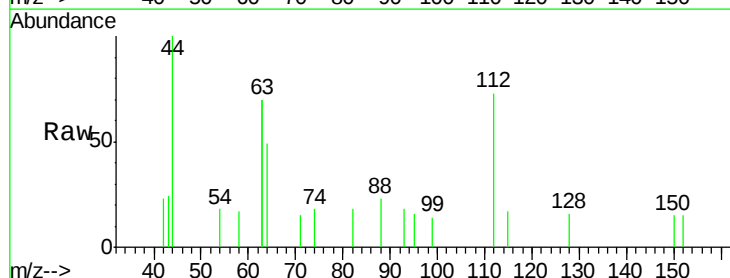
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



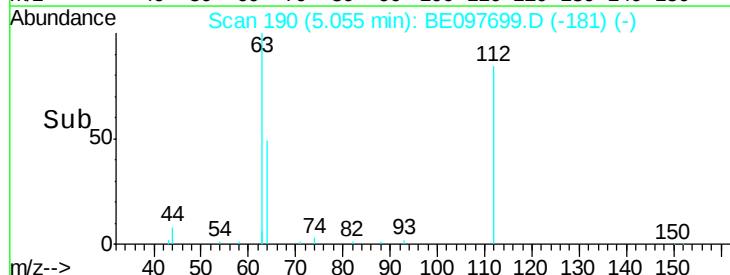
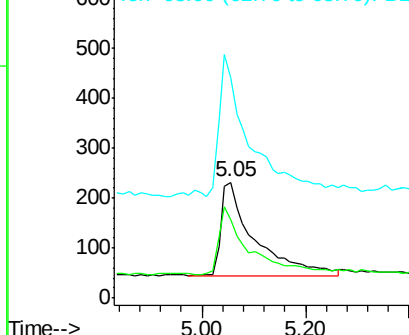
#4

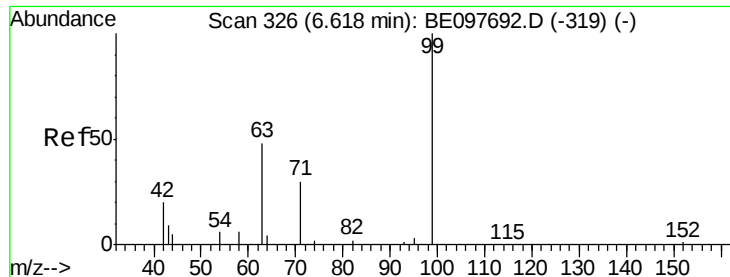
2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097699.D
 Acq: 28 Sep 2018 11:50

Tgt Ion: 112 Resp: 840
 Ion Ratio Lower Upper
 112 100
 64 65.7 60.1 90.1
 63 146.8 116.8 175.2



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: 0.392 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

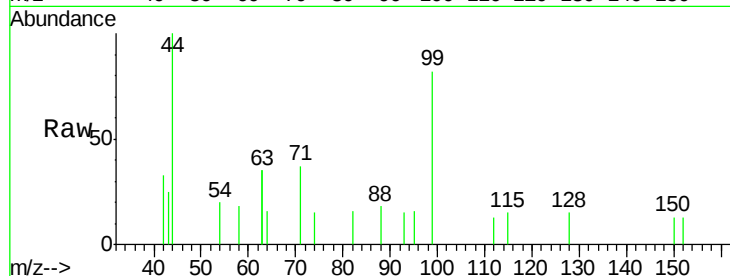
Tgt Ion: 99 Resp: 1215

Ion Ratio Lower Upper

99 100

42 17.9 20.2 30.2#

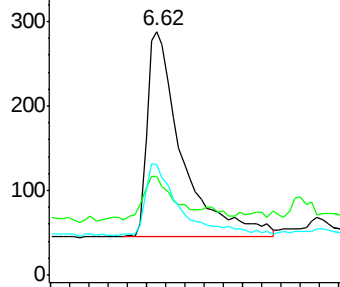
71 33.8 28.4 42.6



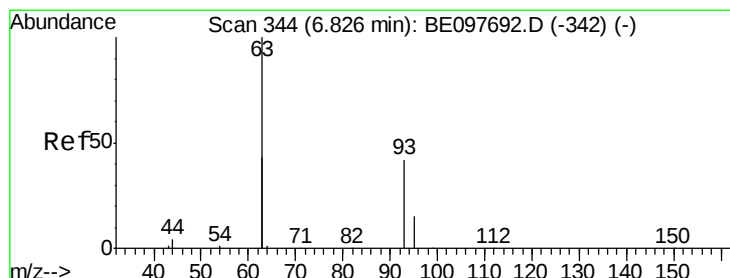
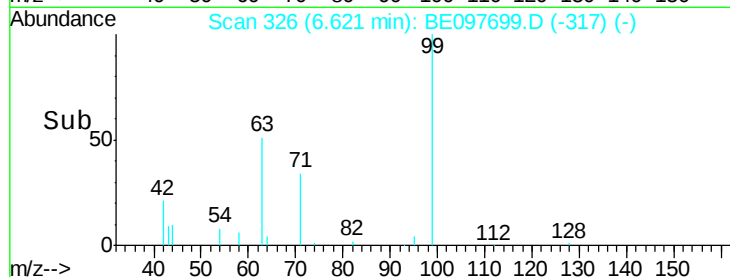
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.40 6.60 6.80



#6

bis(2-Chloroethyl)ether

Concen: 0.381 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

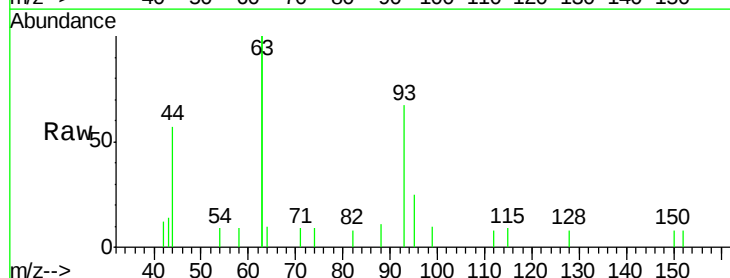
Tgt Ion: 93 Resp: 1157

Ion Ratio Lower Upper

93 100

63 283.1 275.3 412.9

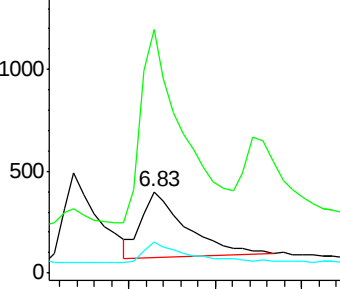
95 33.3 25.2 37.8



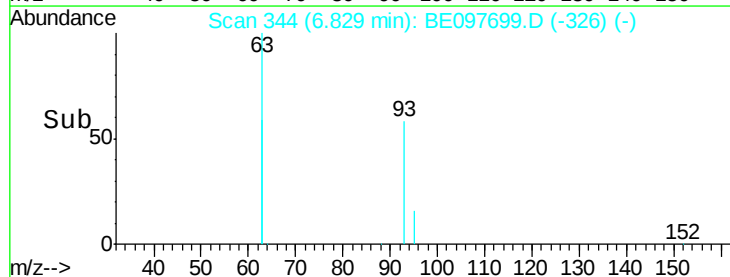
Abundance Ion 93.00 (92.70 to 93.70): BE0

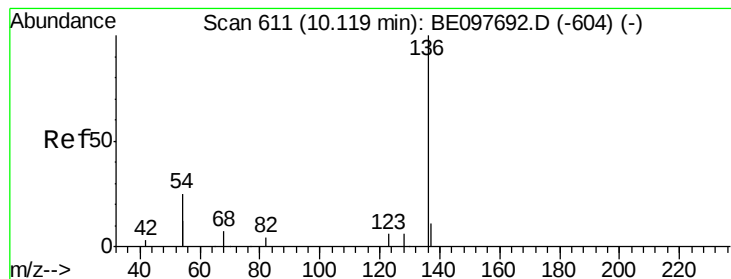
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 6.80 6.90 7.00





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

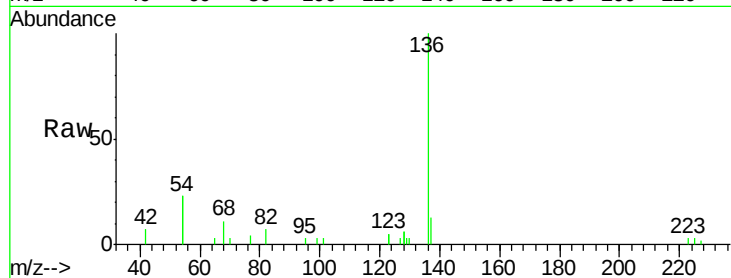
Instrument :

BNA_E

ClientSampleId :

PB113060BS

Tgt Ion:	136	Resp:	4307
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	46.9	29.1	43.7#
68	10.6	6.2	9.2#



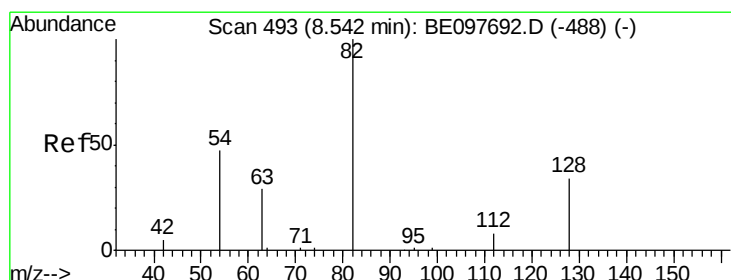
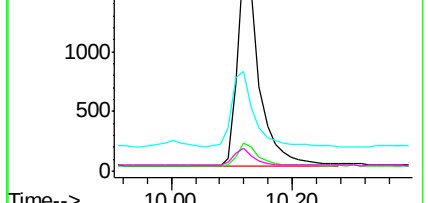
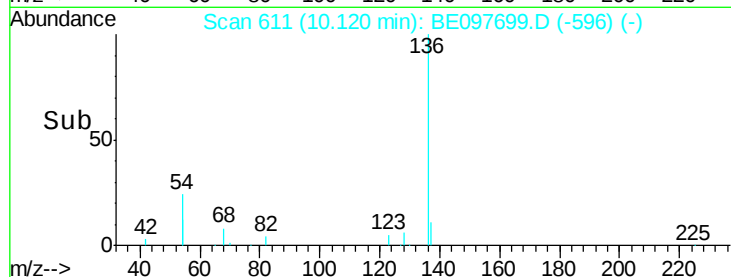
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.495 ng

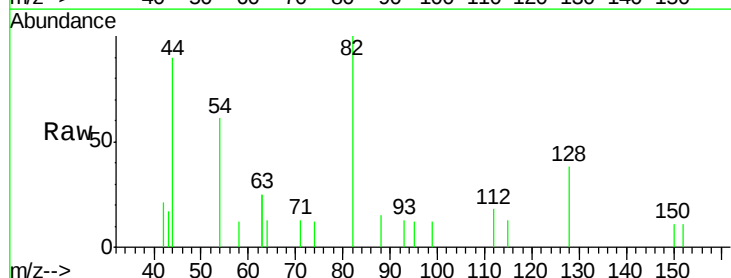
RT: 8.53 min Scan# 492

Delta R.T. -0.01 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Tgt Ion:	82	Resp:	1512
Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.0	36.0#
54	61.3	40.0	60.0#

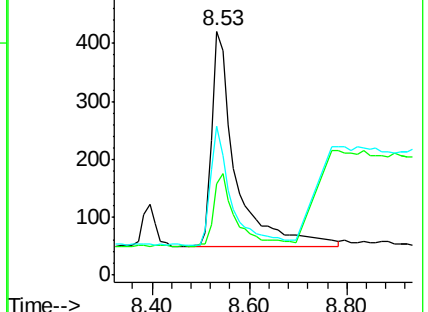
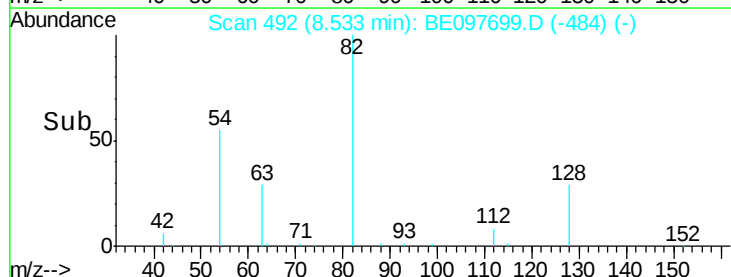


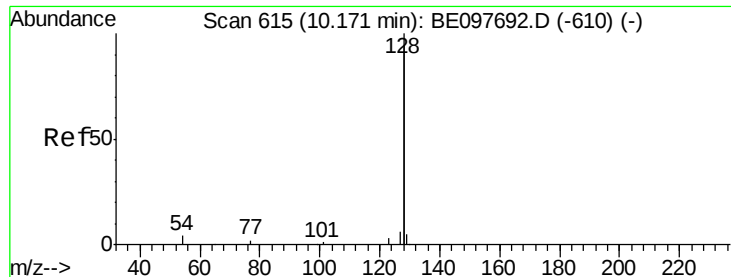
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.382 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

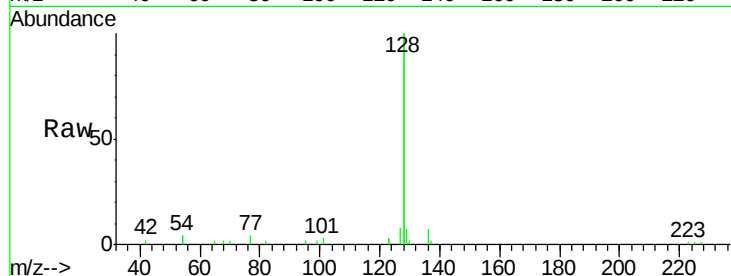
Tgt Ion:128 Resp: 16262

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

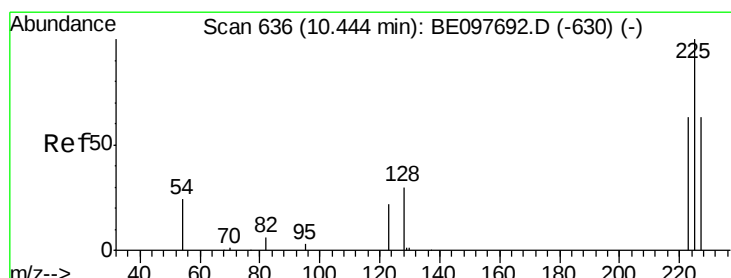
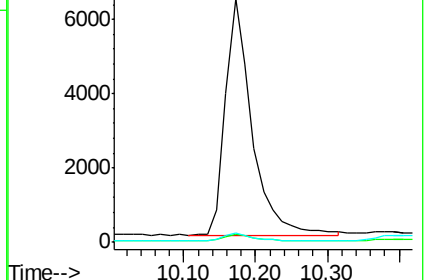
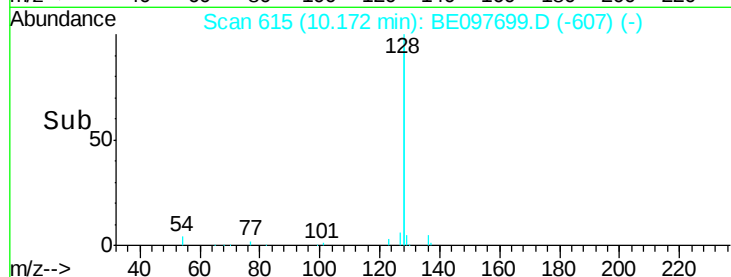
127 3.8 2.8 4.2



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: 0.386 ng

RT: 10.44 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

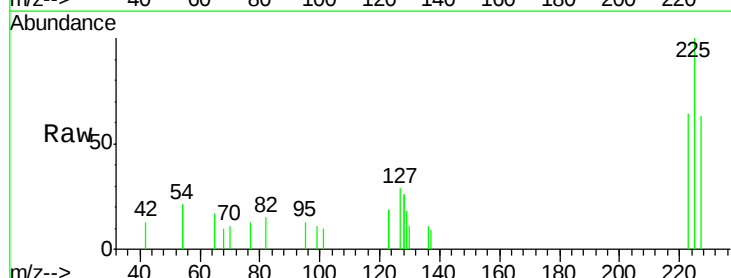
Tgt Ion:225 Resp: 768

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

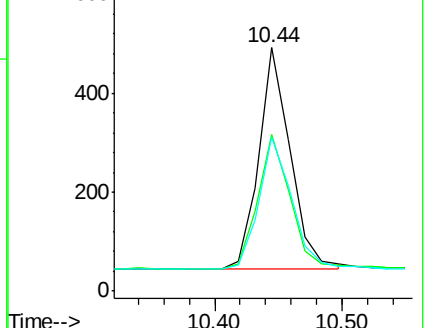
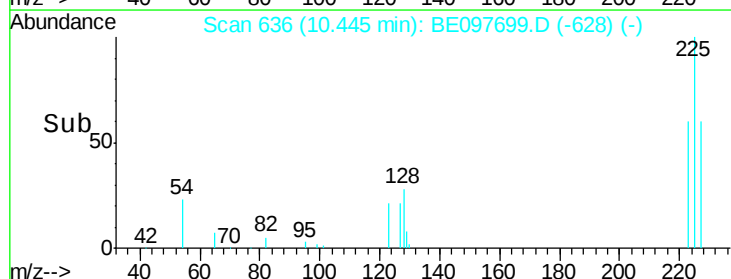
227 61.8 51.4 77.2

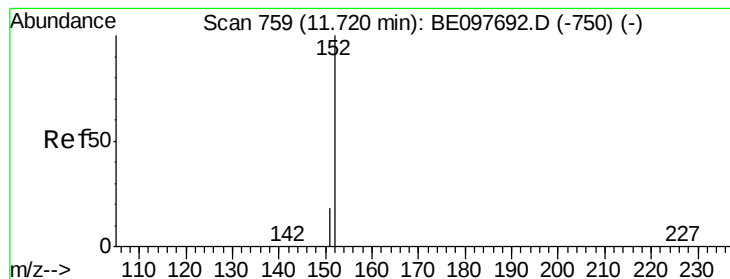


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

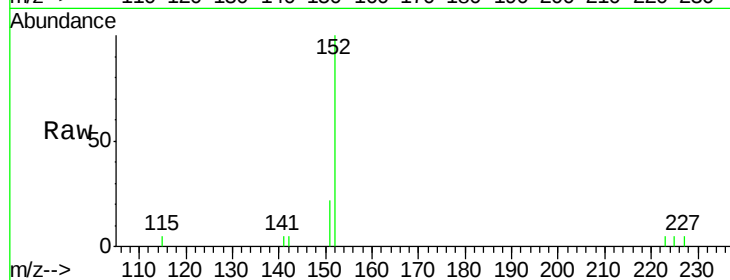
PB113060BS

Tgt Ion:152 Resp: 2504

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1000

800

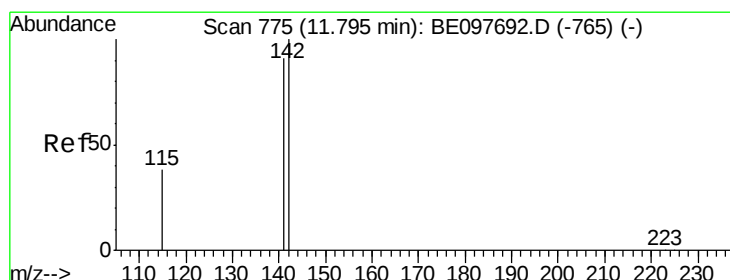
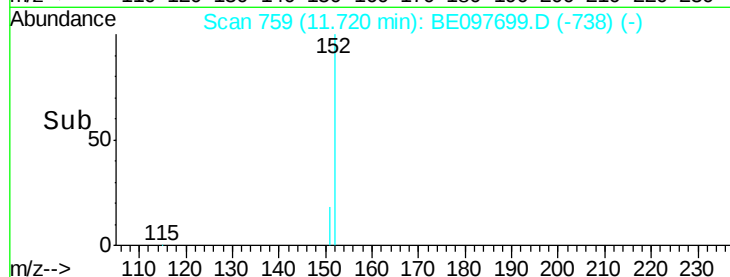
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.374 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

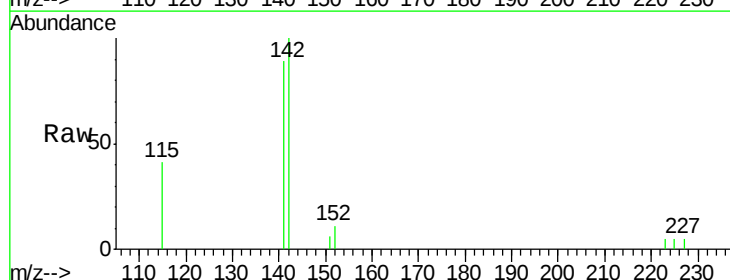
Tgt Ion:142 Resp: 2429

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 41.2 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.80

1200

1000

800

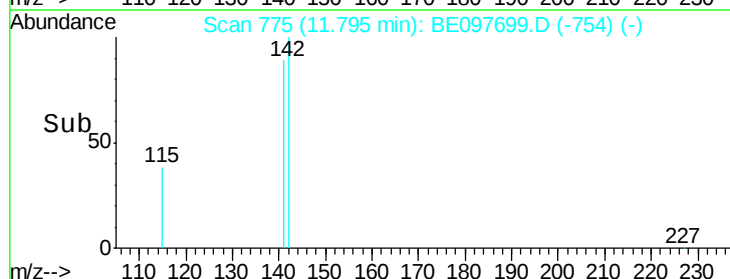
600

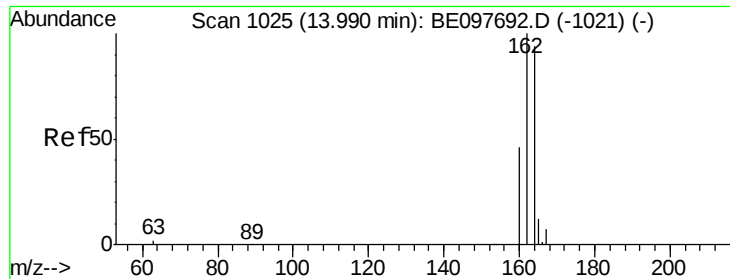
400

200

0

Time--> 11.70 11.80 11.90

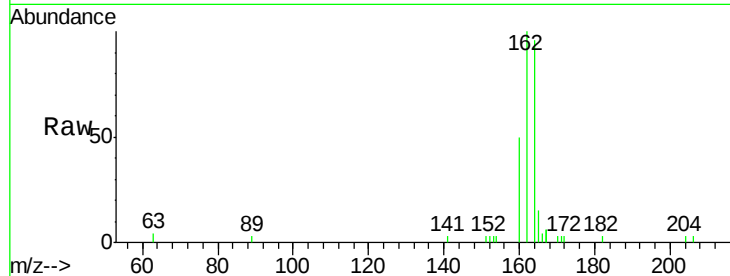




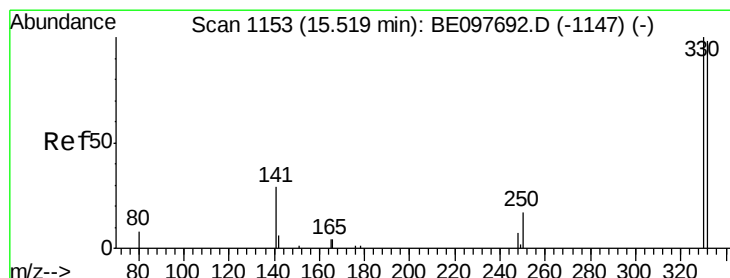
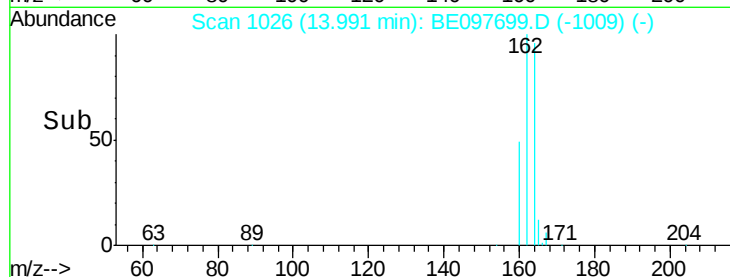
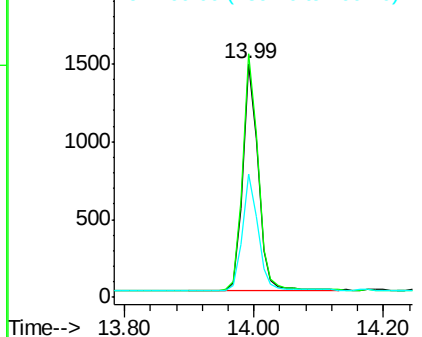
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Instrument :
BNA_E
ClientSampleId :
PB113060BS

Tgt Ion:164 Resp: 2368
Ion Ratio Lower Upper
164 100
162 104.1 83.1 124.7
160 52.5 37.1 55.7

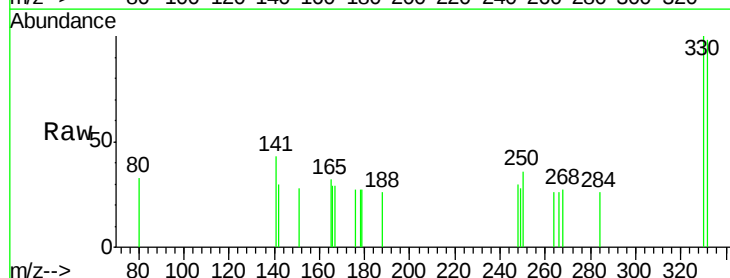


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

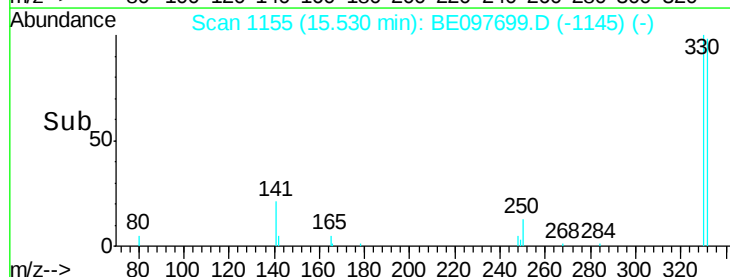
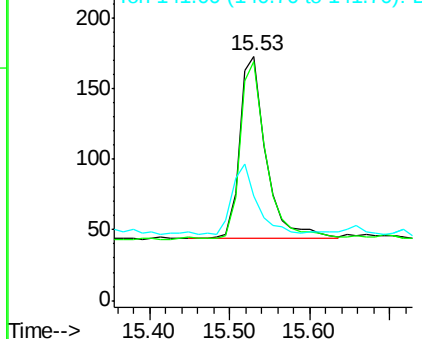


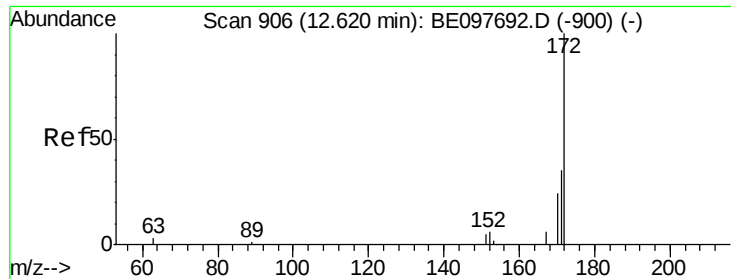
#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Tgt Ion:330 Resp: 293
Ion Ratio Lower Upper
330 100
332 96.2 152.7 229.1#
141 36.9 33.7 50.5



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

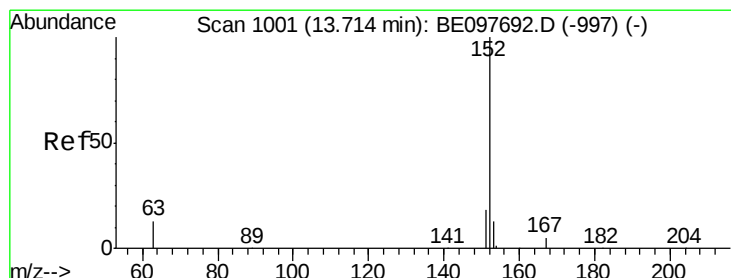
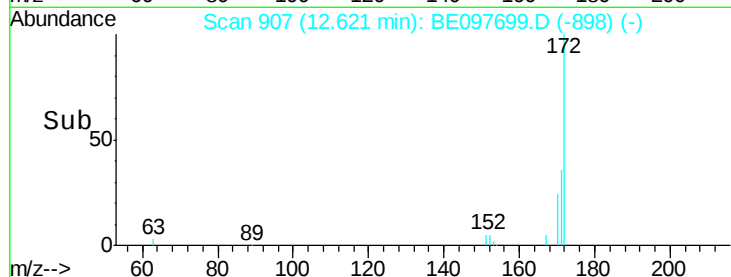
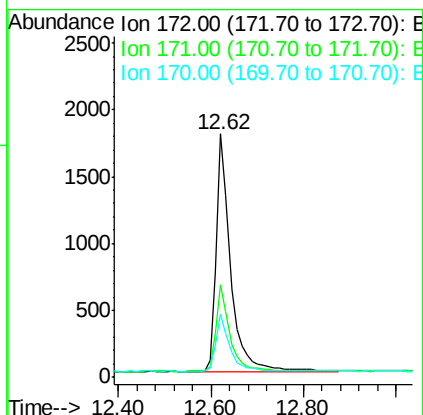
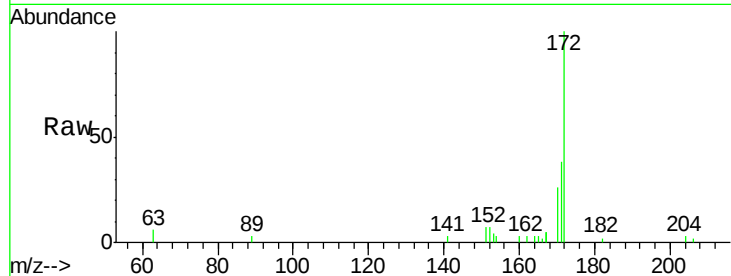




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

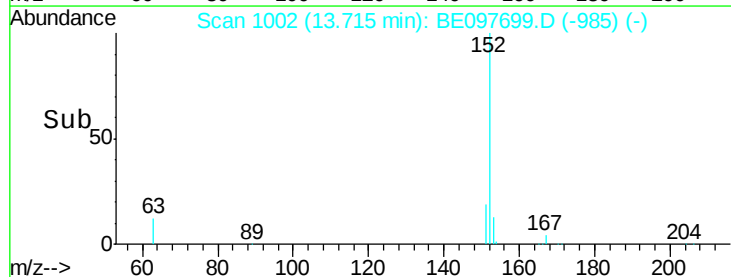
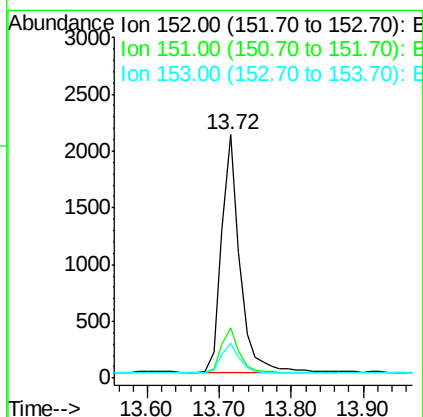
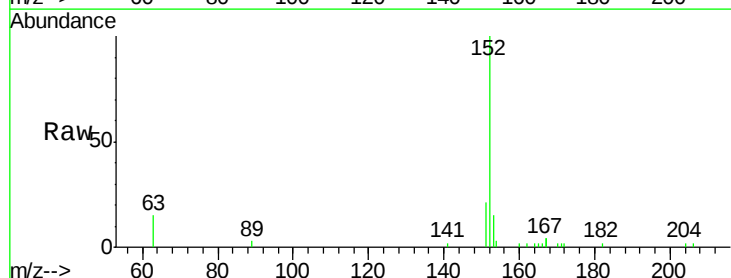
Instrument :
BNA_E
ClientSampleId :
PB113060BS

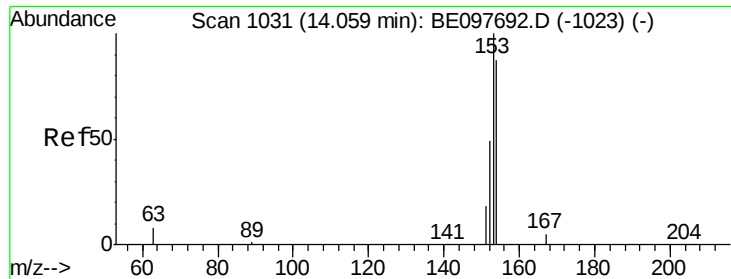
Tgt Ion:172 Resp: 3837
Ion Ratio Lower Upper
172 100
171 37.9 29.9 44.9
170 25.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.364 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Tgt Ion:152 Resp: 3682
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

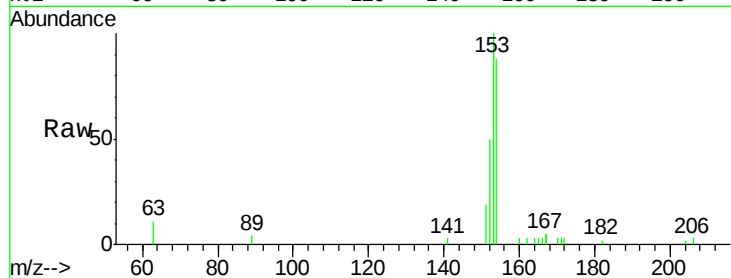
Tgt Ion:154 Resp: 2626

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

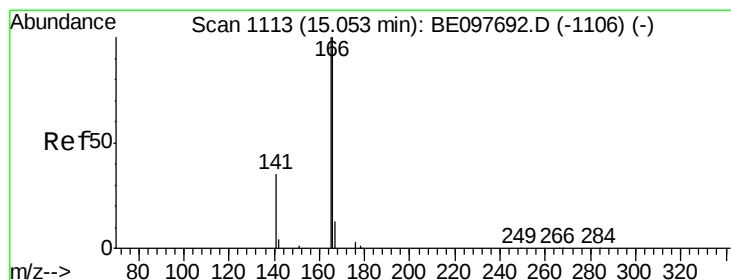
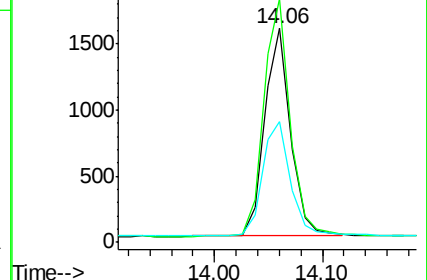
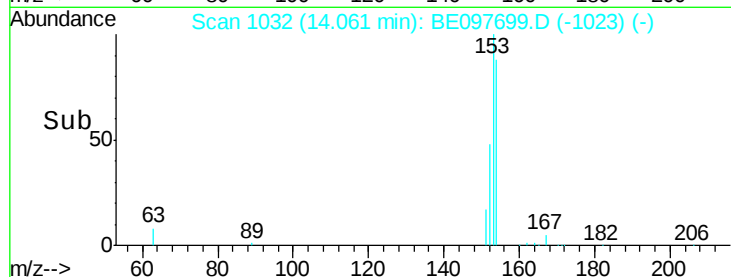
152 58.9 42.0 63.0



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: 0.377 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

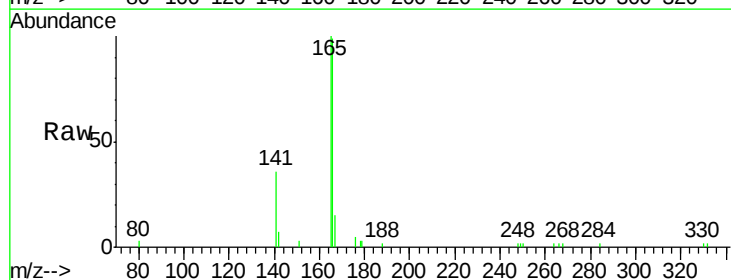
Tgt Ion:166 Resp: 3274

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

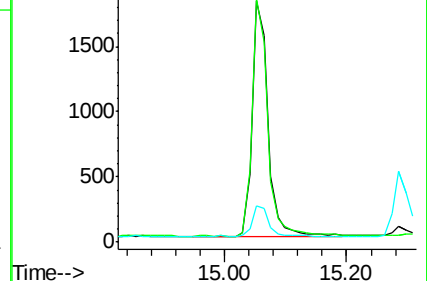
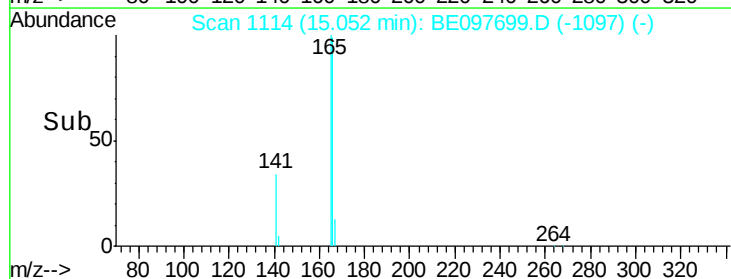
167 13.0 42.4 63.6#

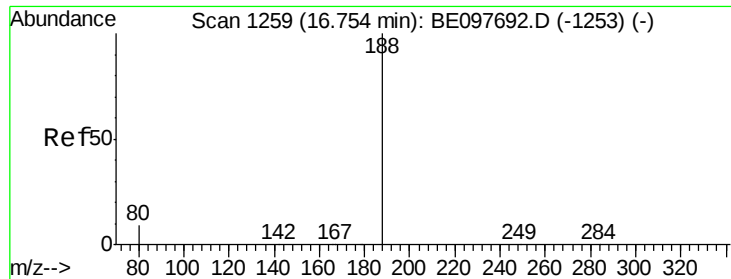


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

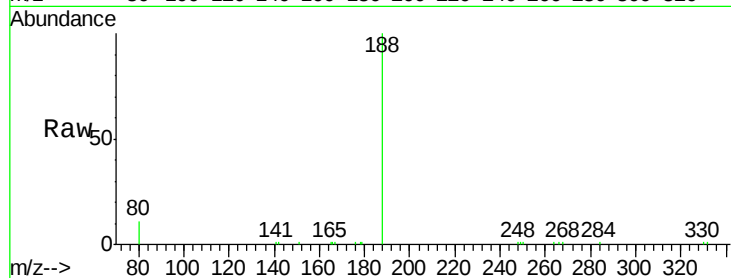
Tgt Ion:188 Resp: 6299

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

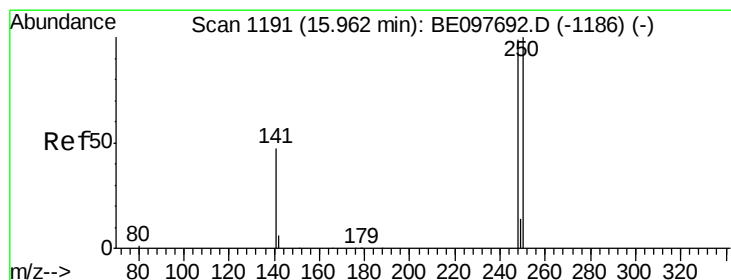
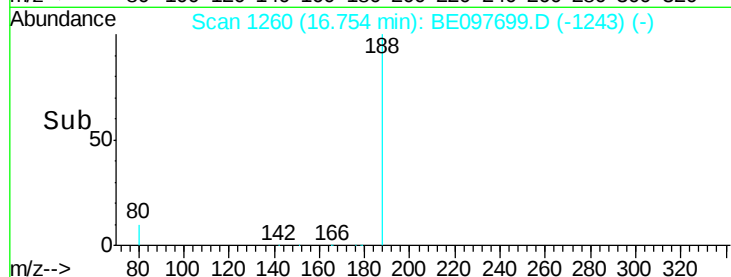
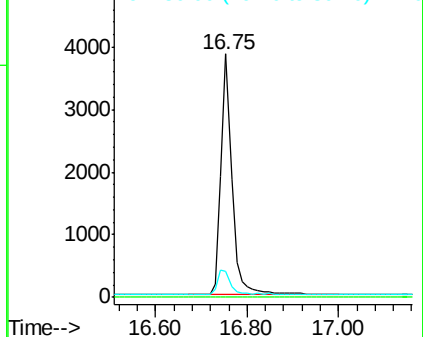
80 10.7 3.6 5.4#



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: 0.380 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

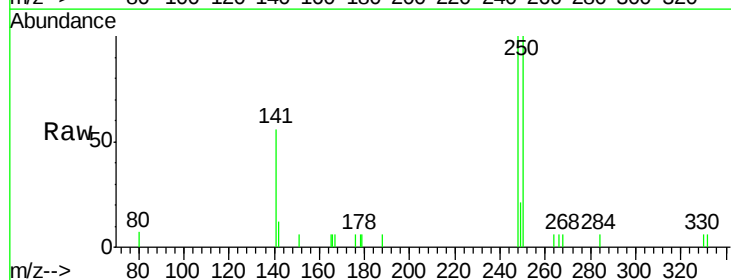
Tgt Ion:248 Resp: 1221

Ion Ratio Lower Upper

248 100

250 99.6 62.7 94.1#

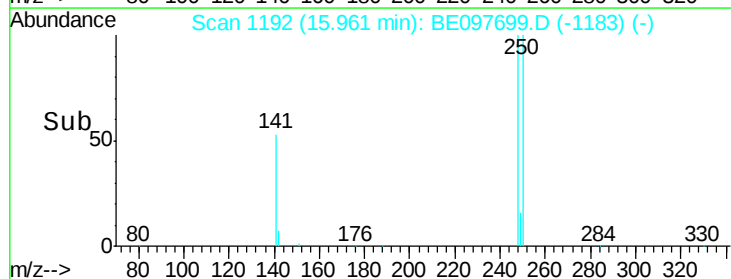
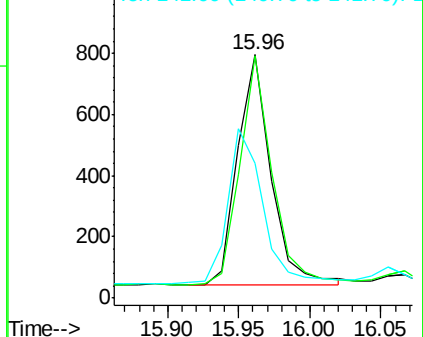
141 55.5 48.2 72.2

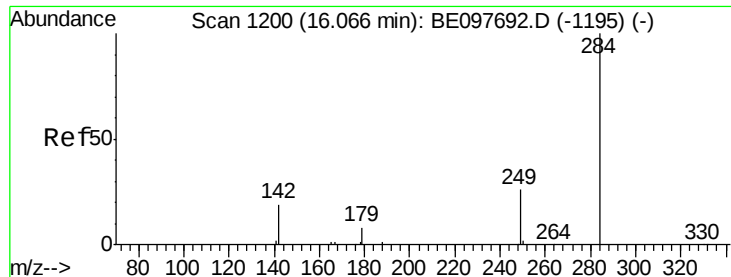


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

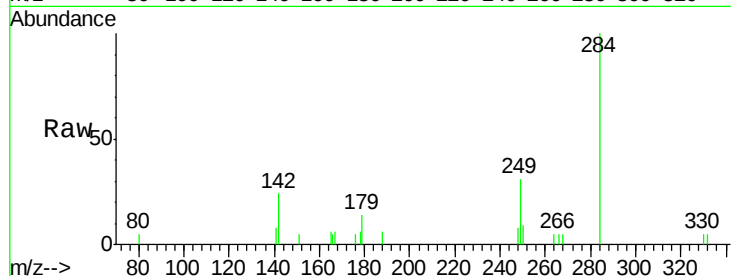




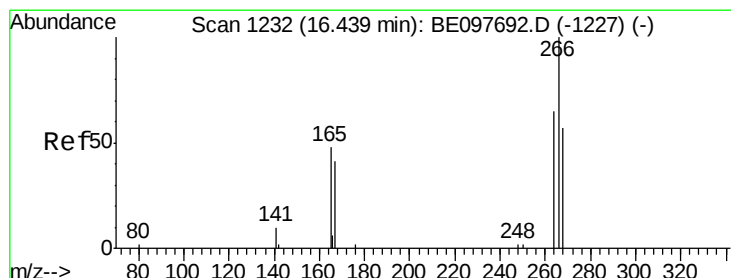
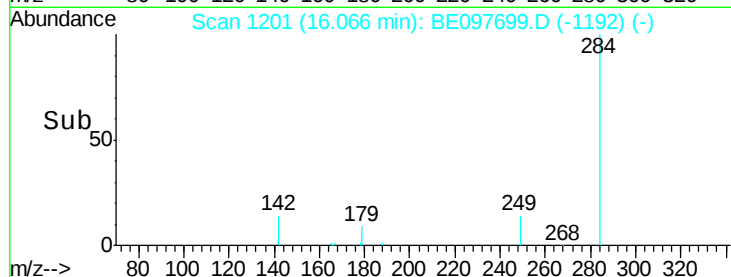
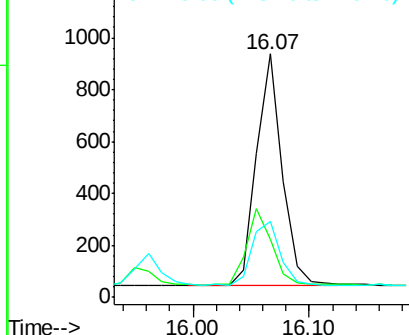
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Instrument :
BNA_E
ClientSampleId :
PB113060BS

Tgt Ion: 284 Resp: 1391
Ion Ratio Lower Upper
284 100
142 32.3 22.1 33.1
249 29.9 34.8 52.2#

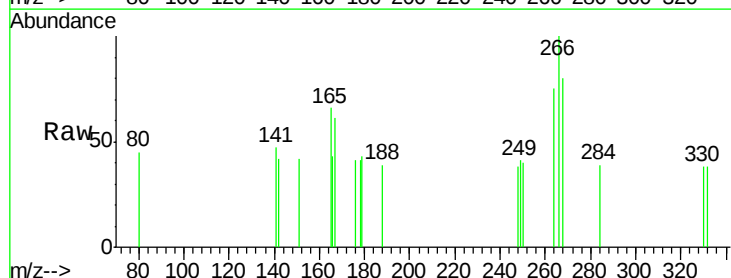


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

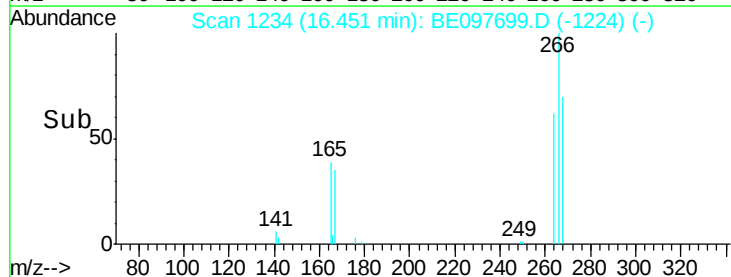
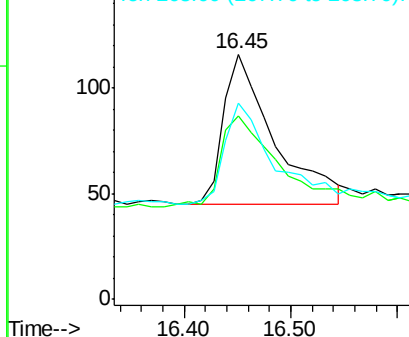


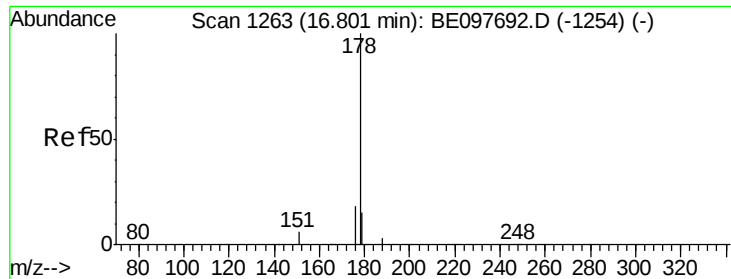
#22
Pentachlorophenol
Concen: 0.280 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Tgt Ion: 266 Resp: 232
Ion Ratio Lower Upper
266 100
264 75.0 72.5 108.7
268 80.2 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: 0.383 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

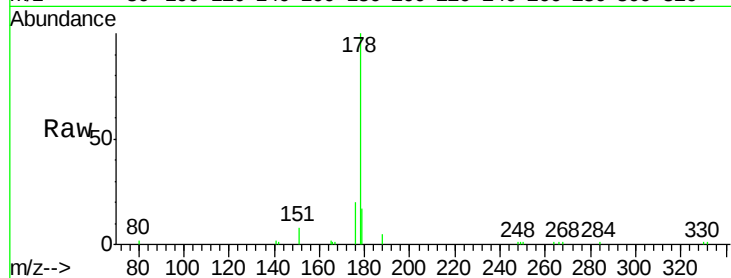
Tgt Ion:178 Resp: 6240

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

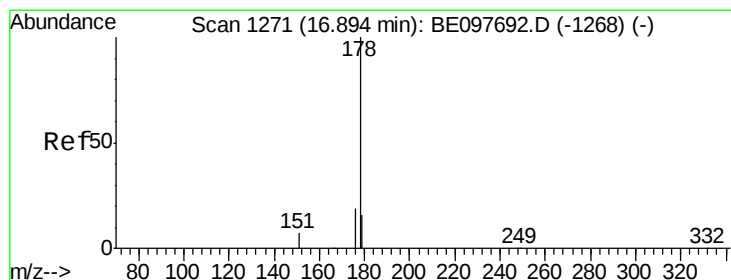
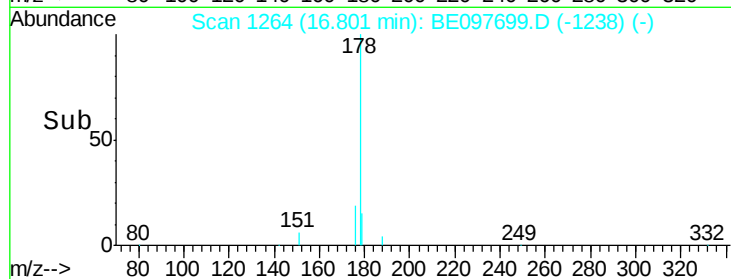
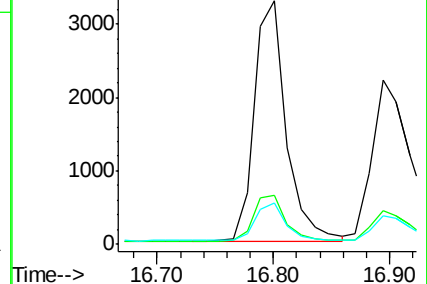
179 15.3 11.8 17.6



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: 0.366 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

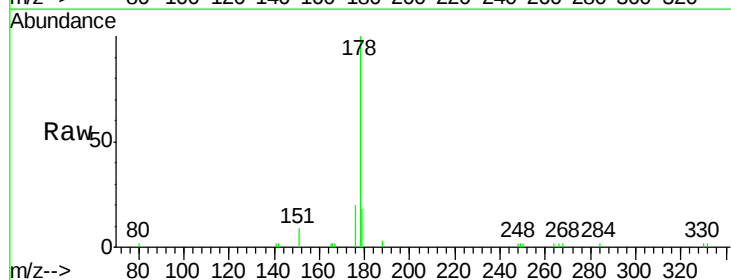
Tgt Ion:178 Resp: 4909

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

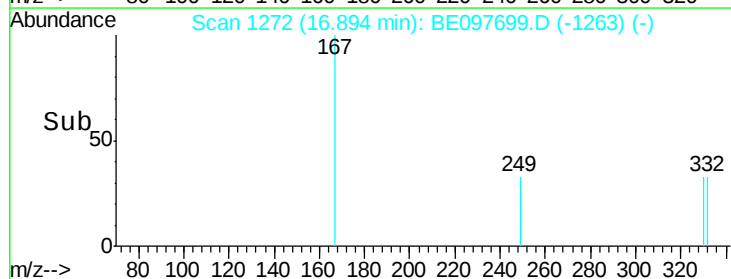
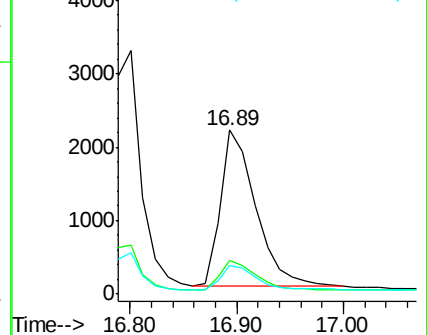
179 15.4 13.0 19.6

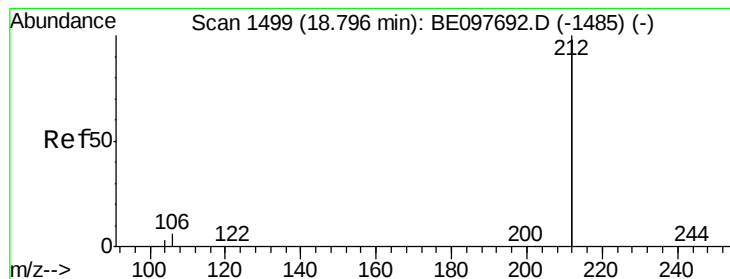


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

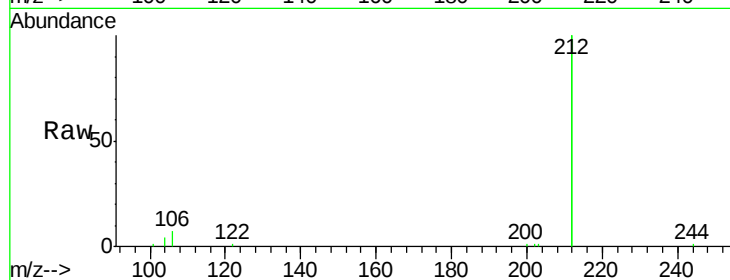
Tgt Ion:212 Resp: 28696

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

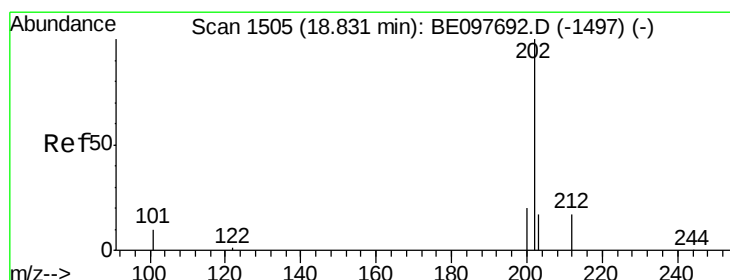
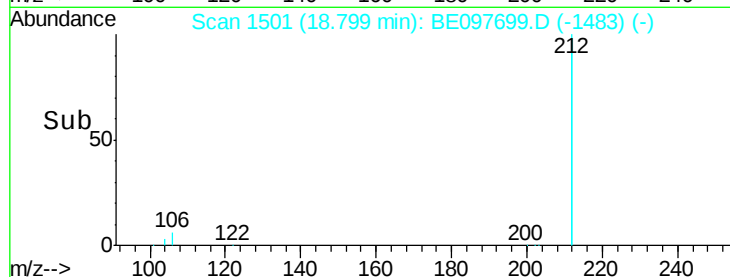
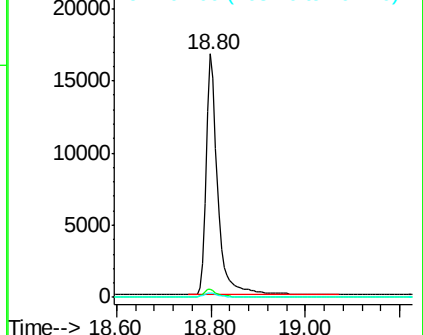
104 1.8 1.6 2.4



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: 0.371 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

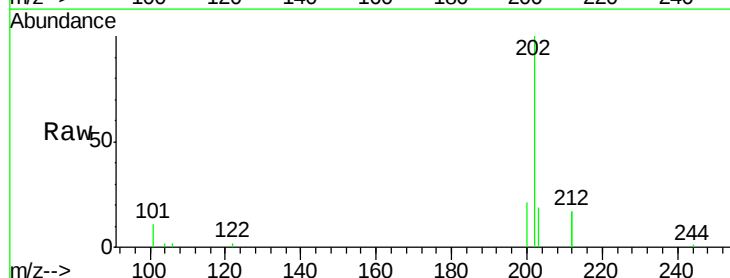
Tgt Ion:202 Resp: 7502

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

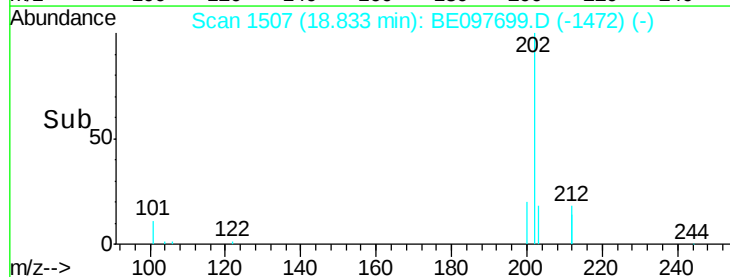
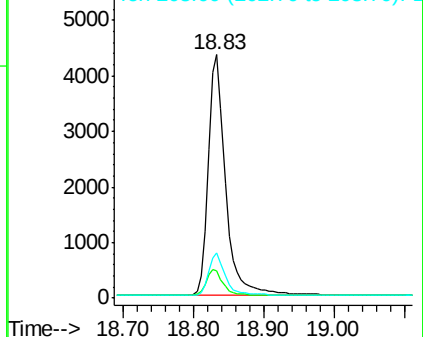
203 17.2 13.7 20.5

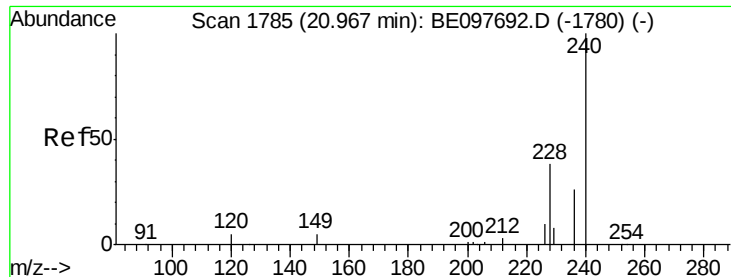


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1787

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

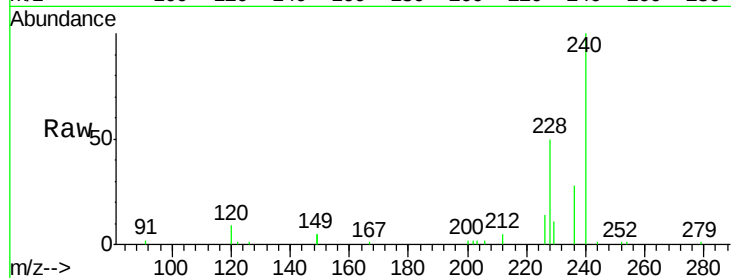
Tgt Ion:240 Resp: 7432

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

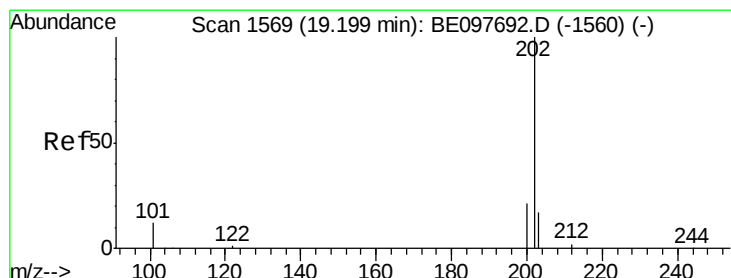
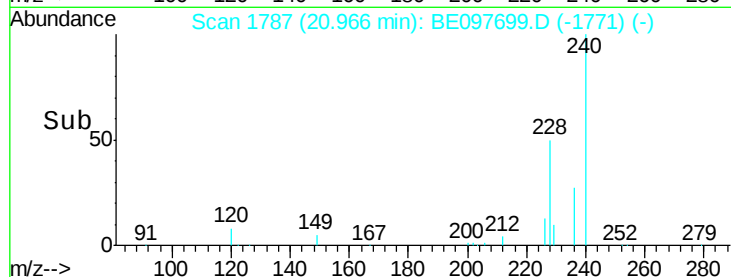
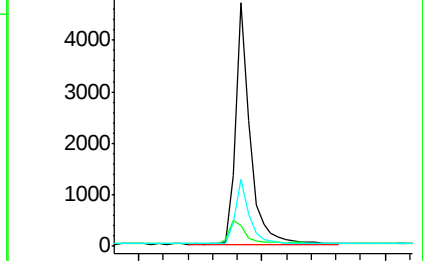
236 27.8 20.7 31.1



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: 0.390 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

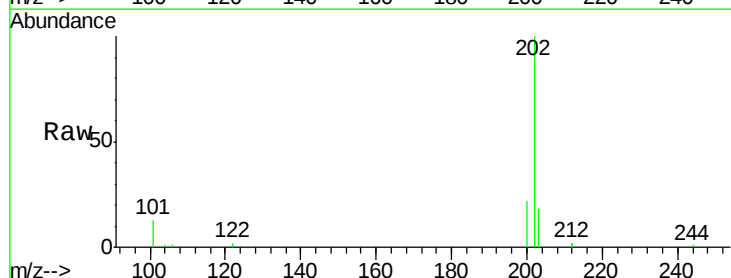
Tgt Ion:202 Resp: 7543

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

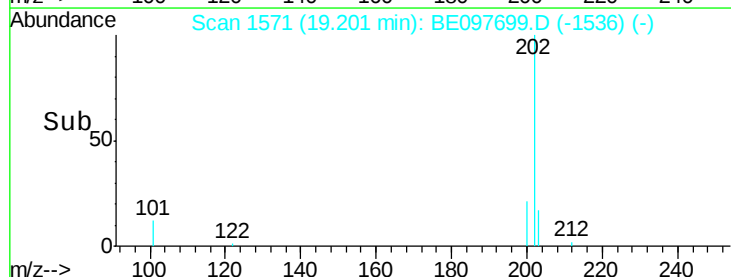
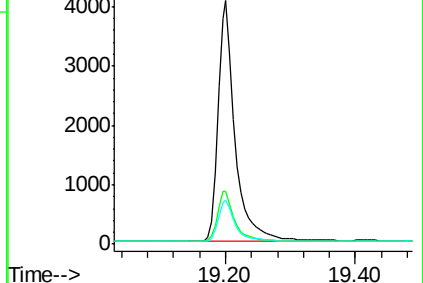
203 17.4 13.8 20.8

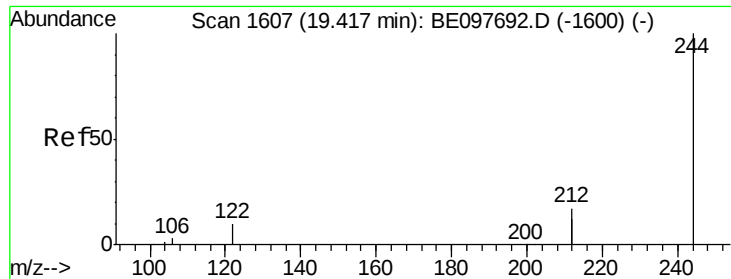


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

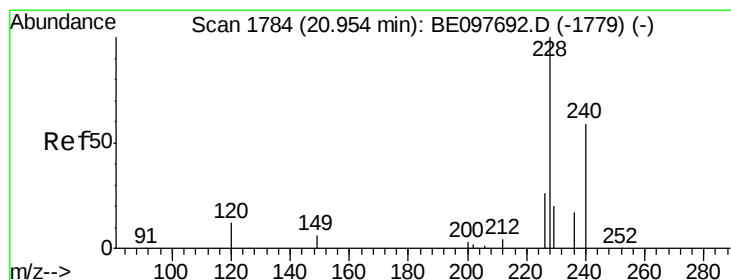
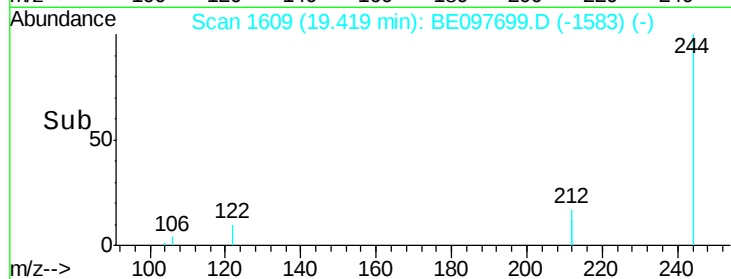
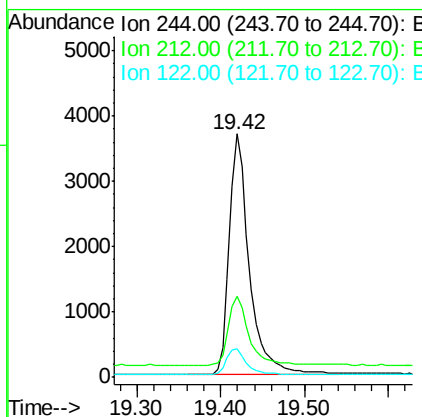
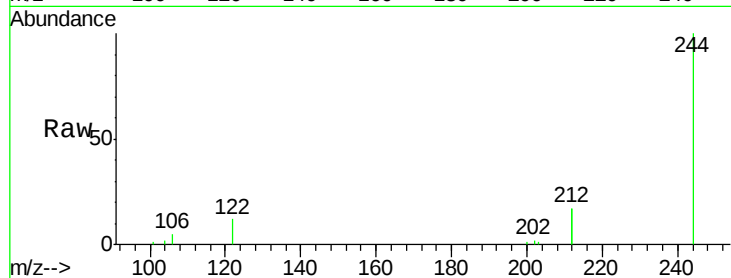




#29
 Terphenyl-d14
 Concen: 0.382 ng
 RT: 19.42 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BE097699.D
 Acq: 28 Sep 2018 11:50

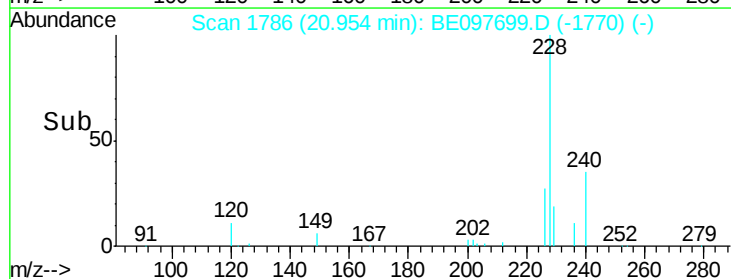
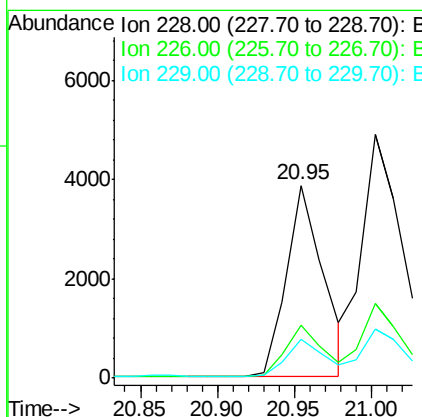
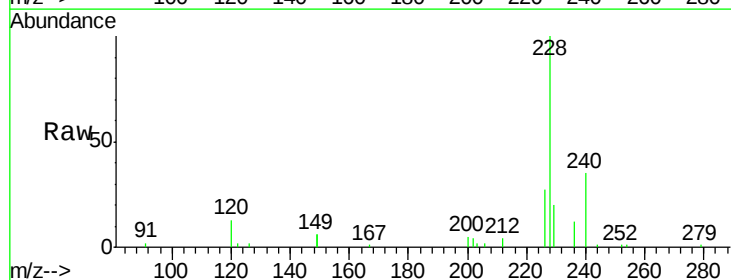
Instrument :
 BNA_E
 ClientSampleId :
 PB113060BS

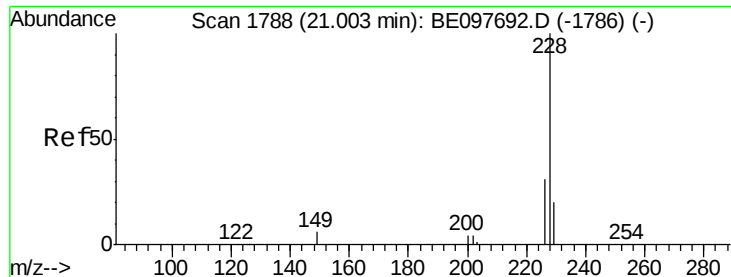
Tgt Ion: 244 Resp: 6130
 Ion Ratio Lower Upper
 244 100
 212 33.4 25.4 38.0
 122 11.6 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.347 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097699.D
 Acq: 28 Sep 2018 11:50

Tgt Ion: 228 Resp: 6380
 Ion Ratio Lower Upper
 228 100
 226 27.4 24.0 36.0
 229 20.1 16.0 24.0





#31

Chrysene

Concen: 0.396 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

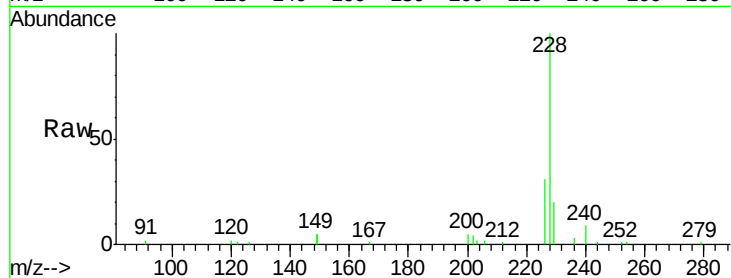
Tgt Ion:228 Resp: 9117

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

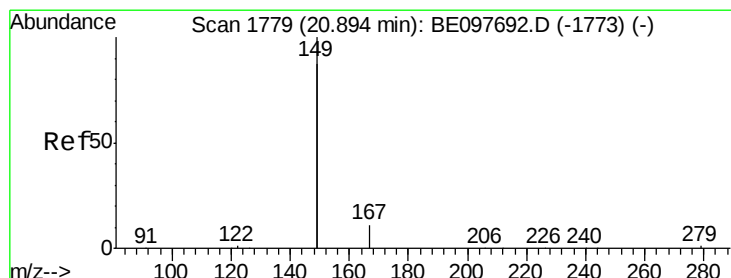
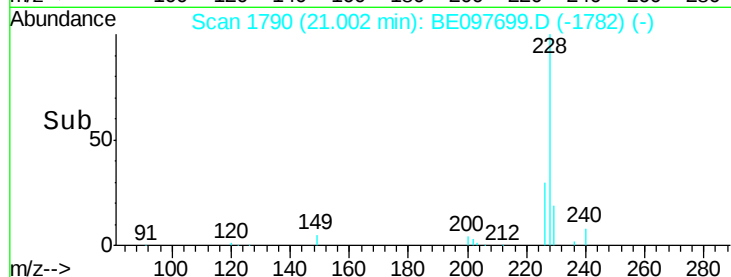
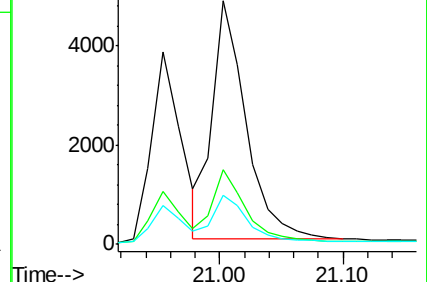
229 19.9 16.0 24.0



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: 0.325 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

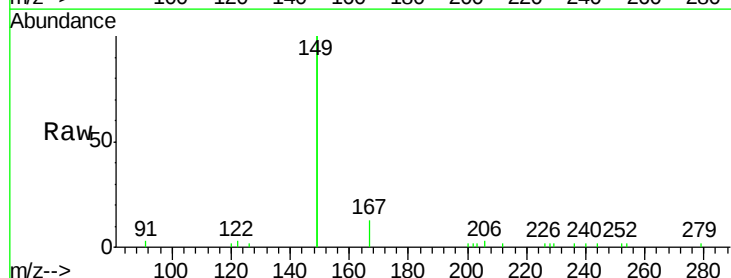
Tgt Ion:149 Resp: 7369

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

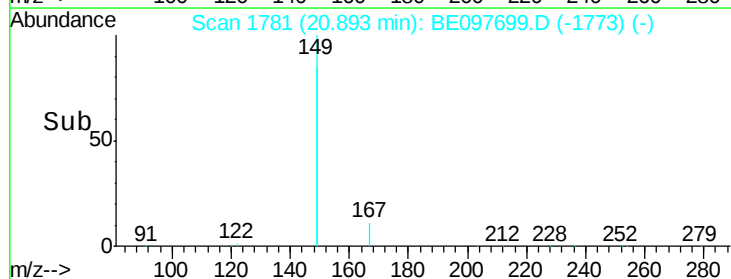
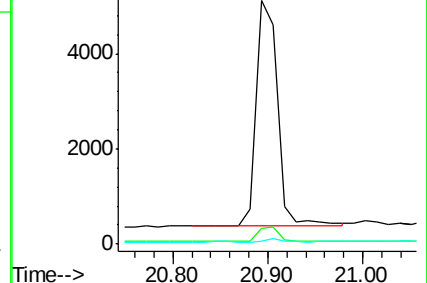
279 1.0 0.7 1.1

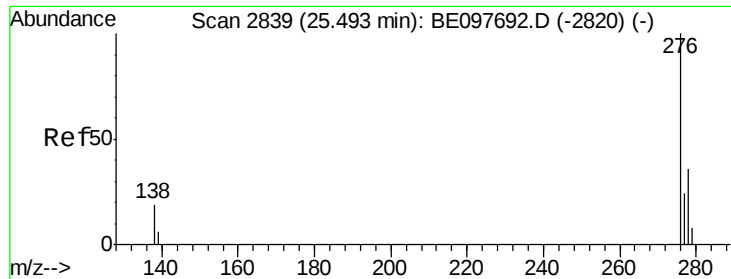


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.409 ng

RT: 25.50 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

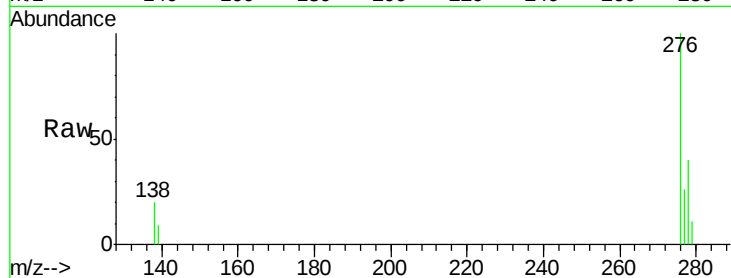
Tgt Ion:276 Resp: 9938

Ion Ratio Lower Upper

276 100

138 21.8 22.5 33.7#

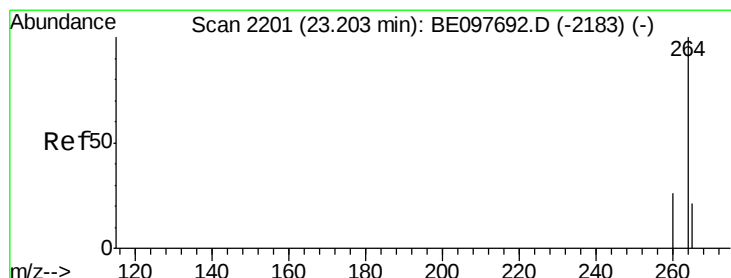
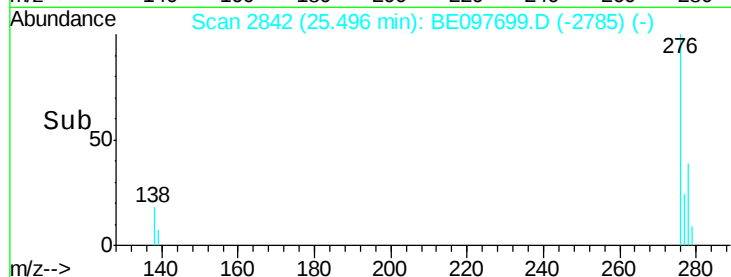
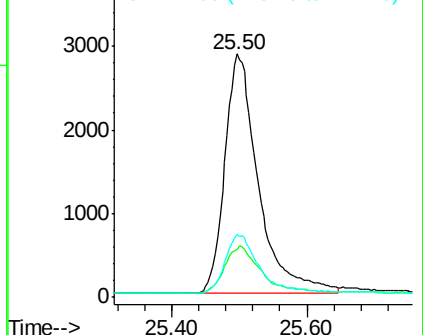
277 25.0 19.9 29.9



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# 2205

Delta R.T. 0.01 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

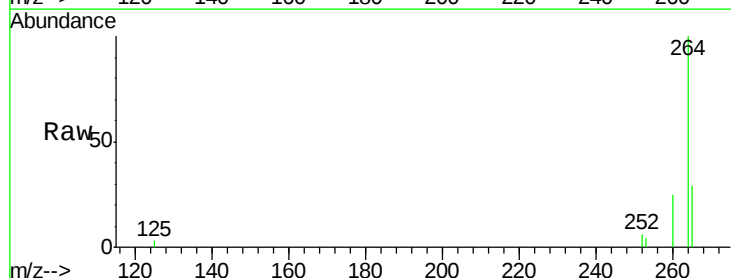
Tgt Ion:264 Resp: 7233

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

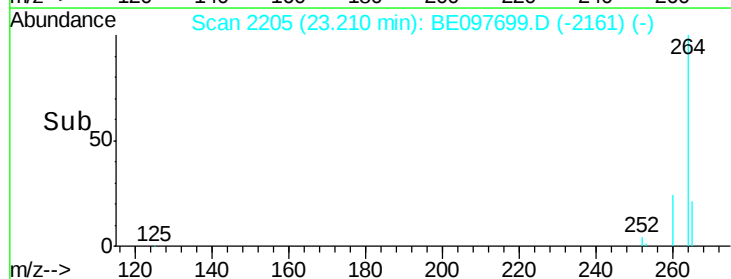
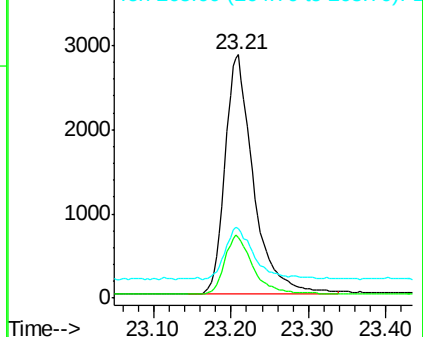
265 28.7 22.8 34.2

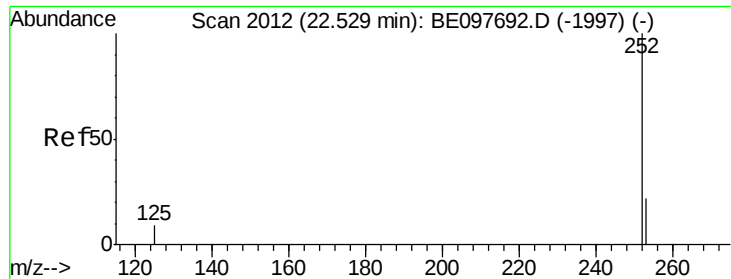


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

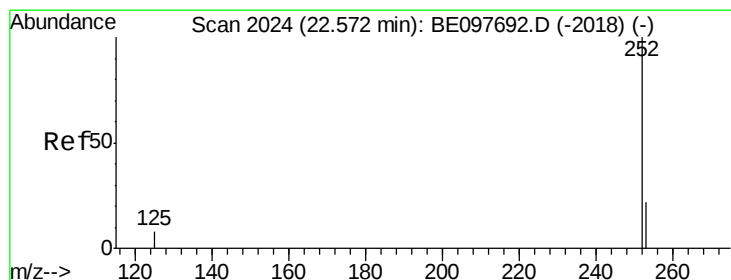
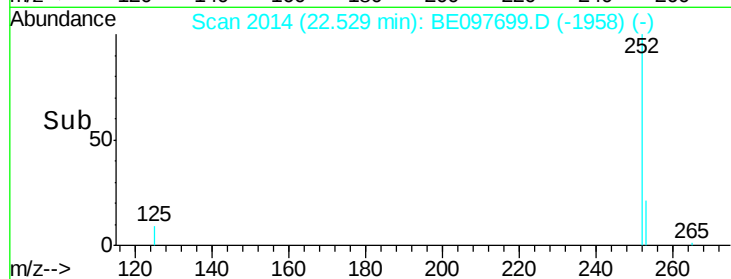
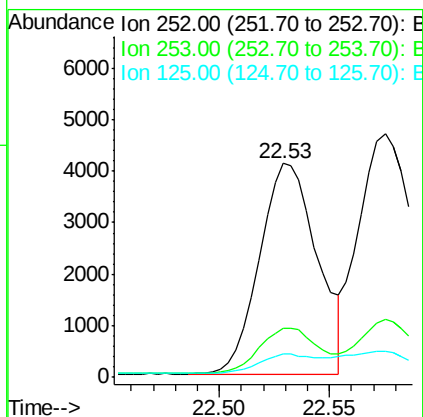
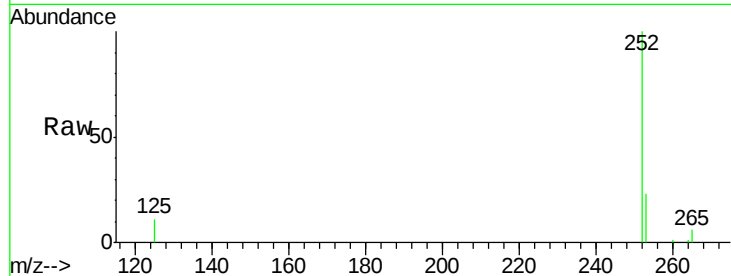




#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

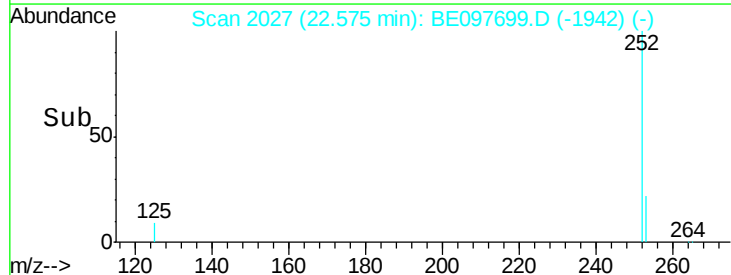
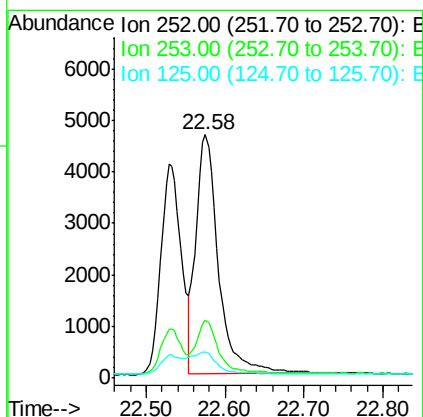
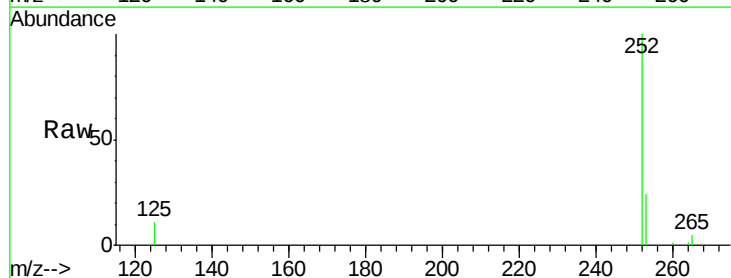
Instrument :
BNA_E
ClientSampleId :
PB113060BS

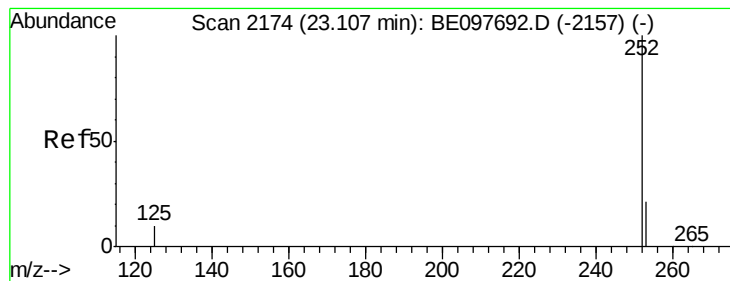
Tgt Ion:252 Resp: 7437
Ion Ratio Lower Upper
252 100
253 23.0 20.0 30.0
125 10.9 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097699.D
Acq: 28 Sep 2018 11:50

Tgt Ion:252 Resp: 9251
Ion Ratio Lower Upper
252 100
253 23.7 16.0 24.0
125 10.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.369 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS

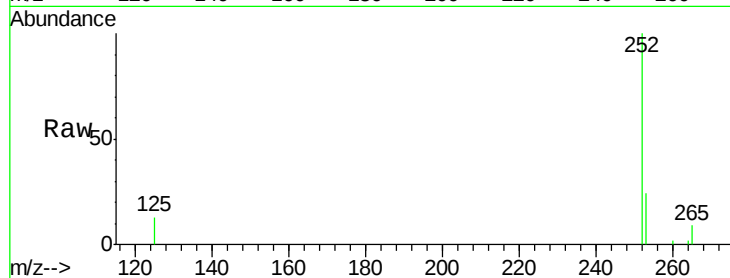
Tgt Ion:252 Resp: 7395

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

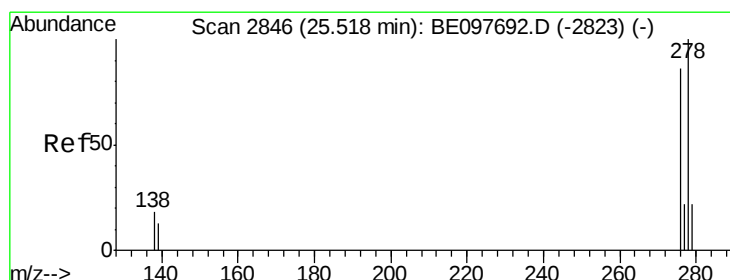
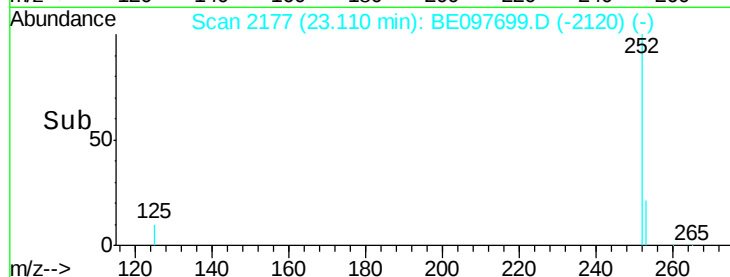
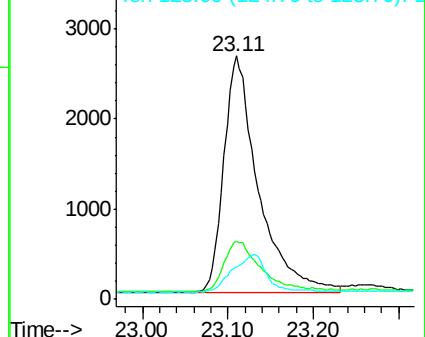
125 13.1 12.0 18.0



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: 0.377 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097699.D

Acq: 28 Sep 2018 11:50

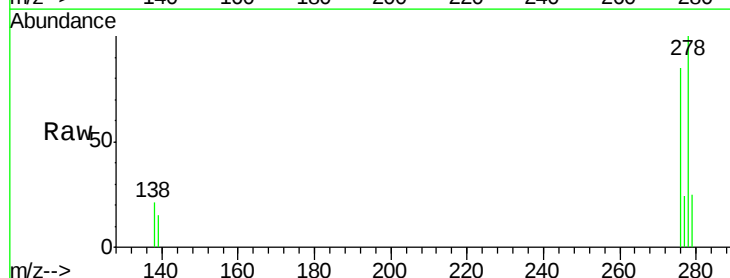
Tgt Ion:278 Resp: 8195

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

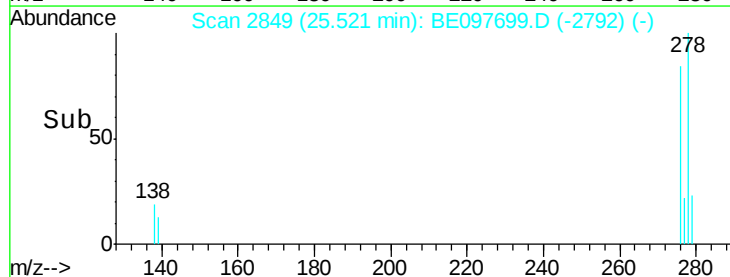
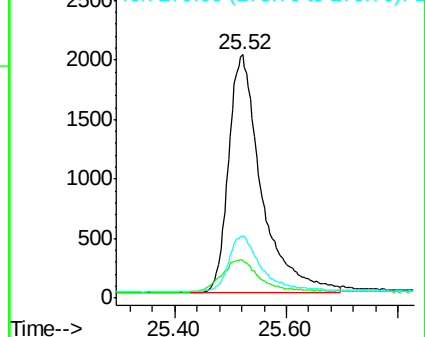
279 25.4 20.0 30.0

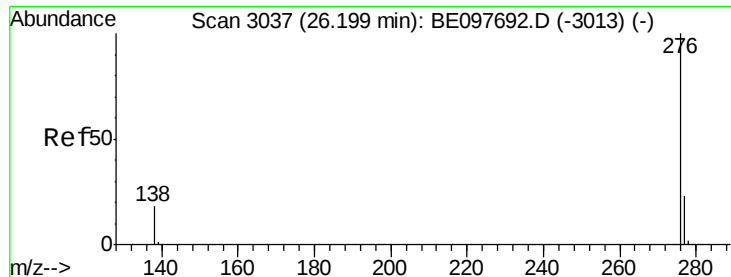


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.361 ng

RT: 26.21 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BE097699.D

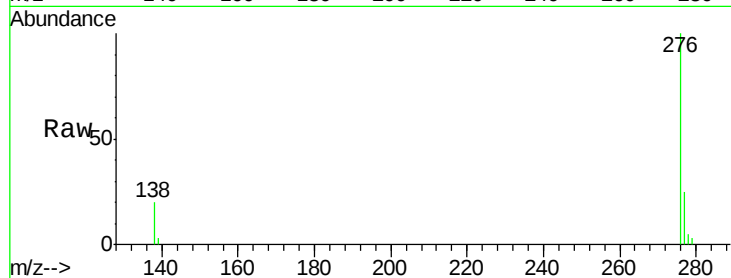
Acq: 28 Sep 2018 11:50

Instrument :

BNA_E

ClientSampleId :

PB113060BS



Tgt Ion: 276 Resp: 7966

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 19.6 20.0 30.0#

