

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE092818\
 Data File : BE097700.D
 Acq On : 28 Sep 2018 12:29
 Operator : SJ/JU
 Sample : PB113060BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113060BSD

Quant Time: Sep 28 15:33:30 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	858	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	3946	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2237	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5899	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7368	0.40	ng	0.00
34) Perylene-d12	23.21	264	7217	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	788	0.37	ng	0.00
5) Phenol-d6	6.63	99	1133	0.39	ng	0.01
8) Nitrobenzene-d5	8.54	82	1382	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2409	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	271	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3593	0.38	ng	0.00
25) Fluoranthene-d10	18.80	212	27376	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	5947	0.37	ng	0.00

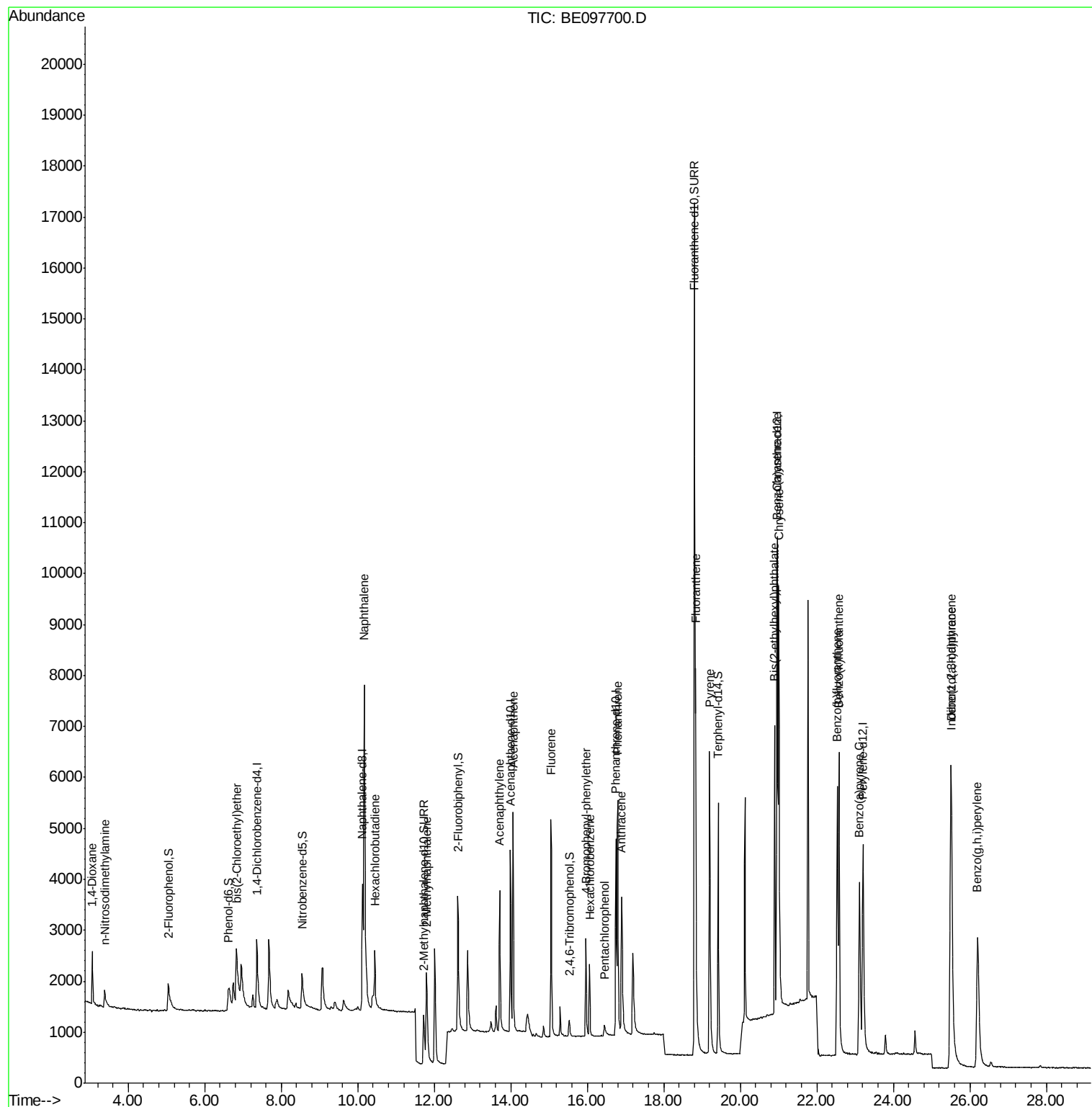
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	671	0.375	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	340	0.316	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	1056	0.369	ng	# 69
9) Naphthalene	10.17	128	15032	0.386	ng	99
10) Hexachlorobutadiene	10.44	225	703	0.386	ng	98
12) 2-Methylnaphthalene	11.80	142	2265	0.380	ng	98
16) Acenaphthylene	13.71	152	3463	0.363	ng	100
17) Acenaphthene	14.06	154	2465	0.384	ng	97
18) Fluorene	15.05	166	3088	0.376	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1124	0.374	ng	# 83
21) Hexachlorobenzene	16.07	284	1315	0.389	ng	# 85
22) Pentachlorophenol	16.45	266	228	0.293	ng	82
23) Phenanthrene	16.80	178	5932	0.389	ng	99
24) Anthracene	16.89	178	4544	0.362	ng	96
26) Fluoranthene	18.83	202	7165	0.378	ng	98
28) Pyrene	19.20	202	7355	0.384	ng	100
30) Benzo(a)anthracene	20.95	228	6371	0.350	ng	97
31) Chrysene	21.00	228	9069	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	7469	0.332	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	10015	0.416	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7166	0.344	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9328	0.388	ng	94
37) Benzo(a)pyrene	23.11	252	7380	0.369	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	8122	0.374	ng	95
39) Benzo(g,h,i)perylene	26.20	276	7867	0.357	ng	# 89

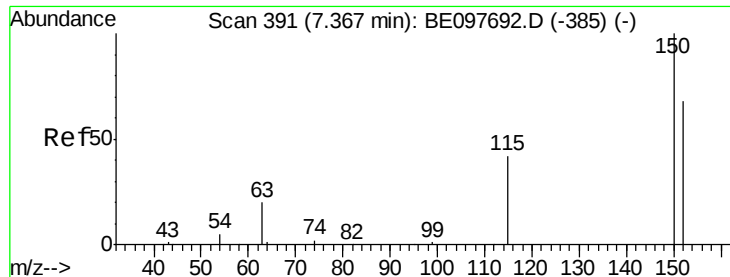
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE097700.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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QLast Update : Fri Sep 28 14:22:40 2018
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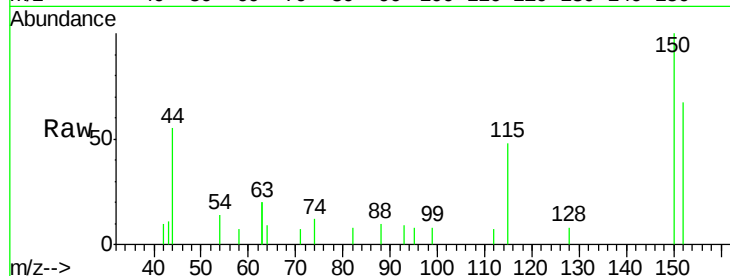


#1

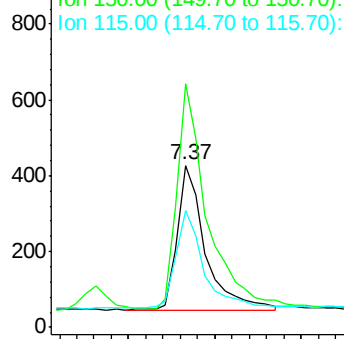
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :
PB113060BSD

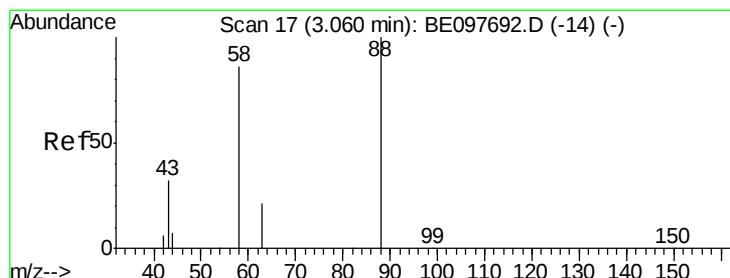
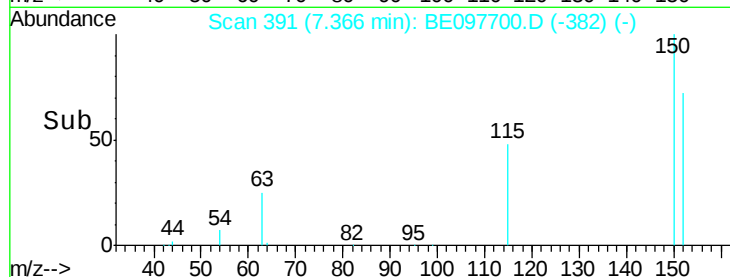
Tgt Ion:152 Resp: 858
Ion Ratio Lower Upper
152 100
150 150.0 117.2 175.8
115 72.2 57.0 85.6



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



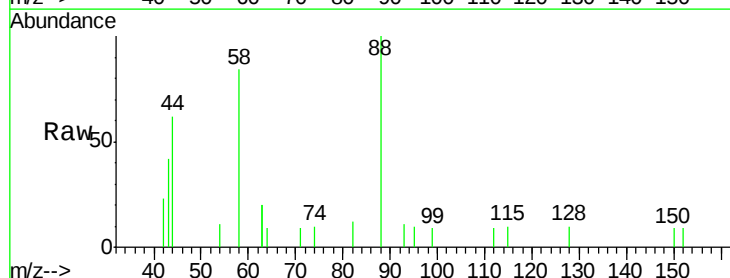
Time-->



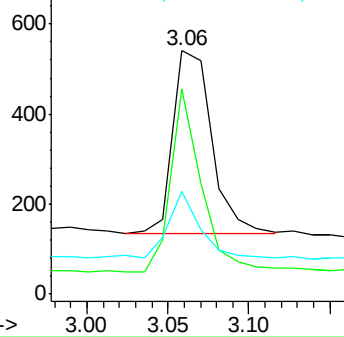
#2

1,4-Dioxane
Concen: 0.375 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

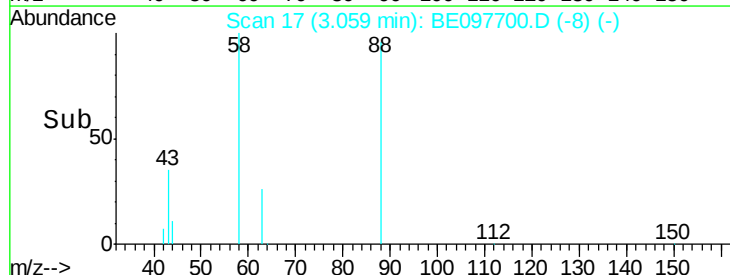
Tgt Ion: 88 Resp: 671
Ion Ratio Lower Upper
88 100
58 79.1 63.2 94.8
43 30.1 41.2 61.8#

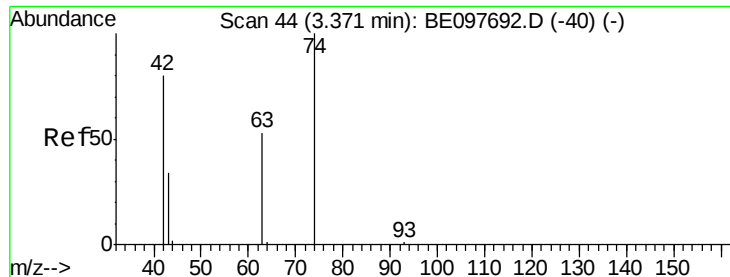


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



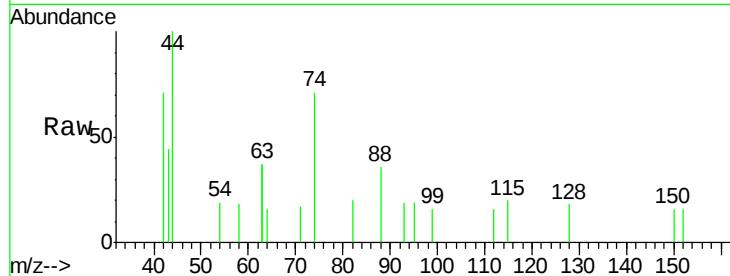


#3

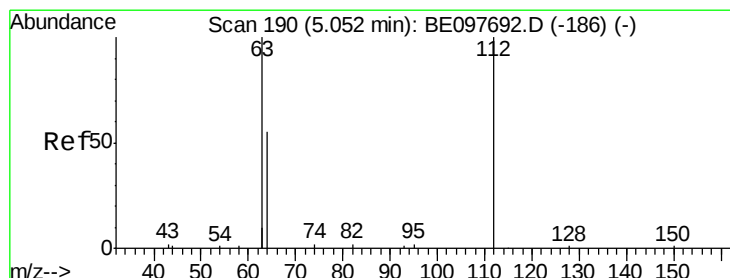
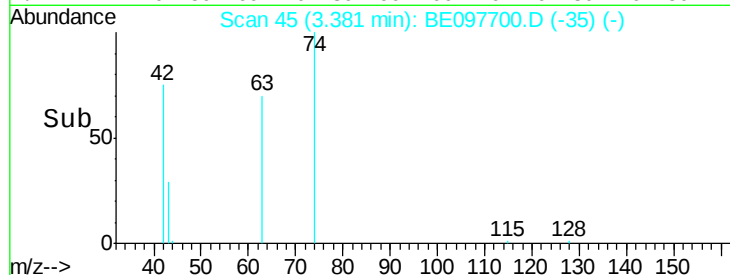
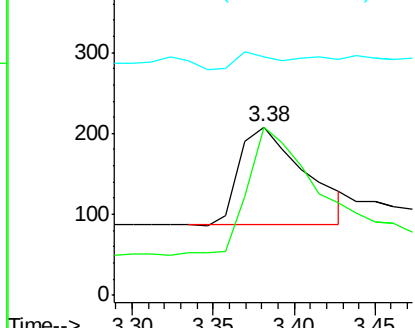
n-Nitrosodimethylamine
 Concen: 0.316 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE097700.D
 Acq: 28 Sep 2018 12:29

Instrument :
 BNA_E
 ClientSampleId :
 PB113060BSD

Tgt Ion: 42 Resp: 340
 Ion Ratio Lower Upper
 42 100
 74 129.4 96.0 144.0
 44 11.2 12.0 18.0#



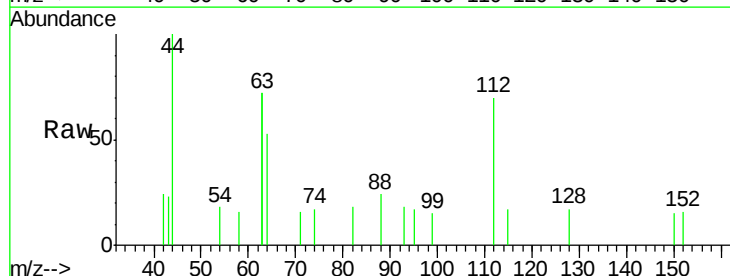
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



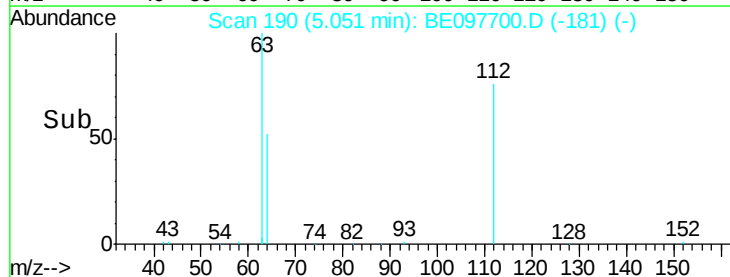
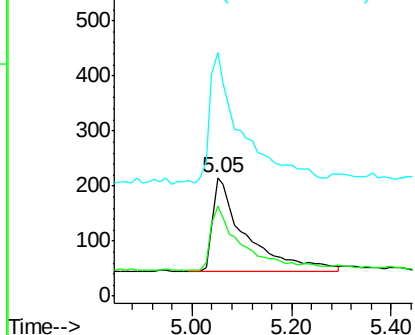
#4

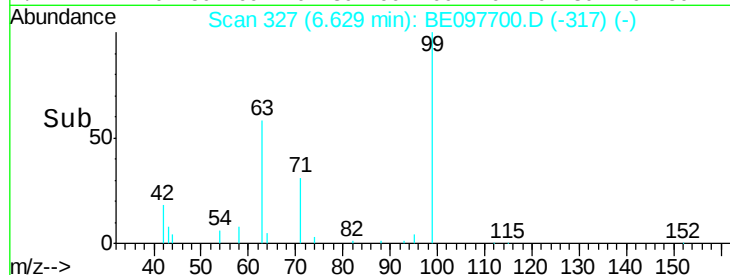
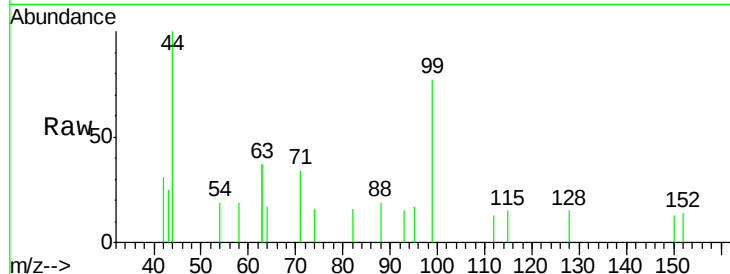
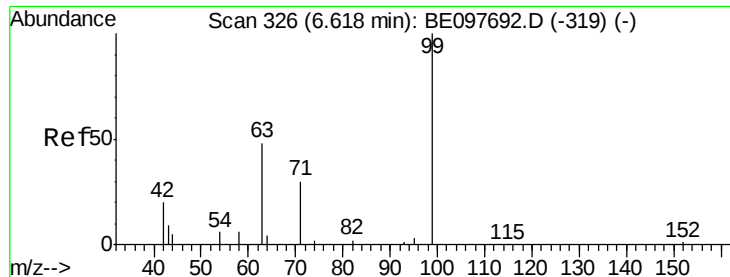
2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097700.D
 Acq: 28 Sep 2018 12:29

Tgt Ion: 112 Resp: 788
 Ion Ratio Lower Upper
 112 100
 64 66.0 60.1 90.1
 63 129.8 116.8 175.2



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

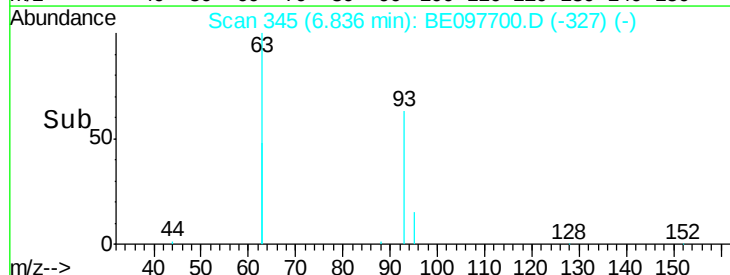
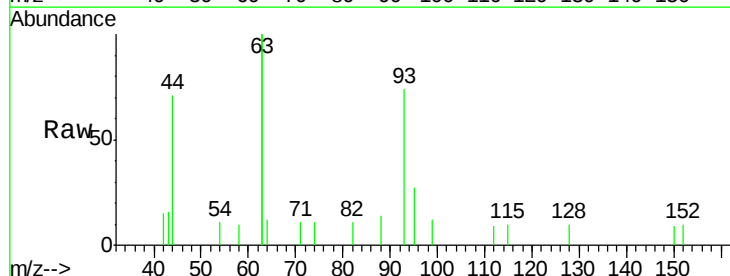
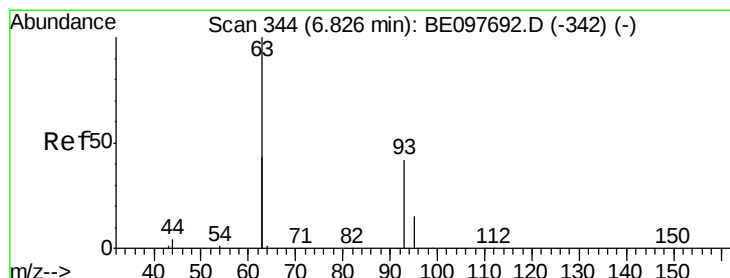
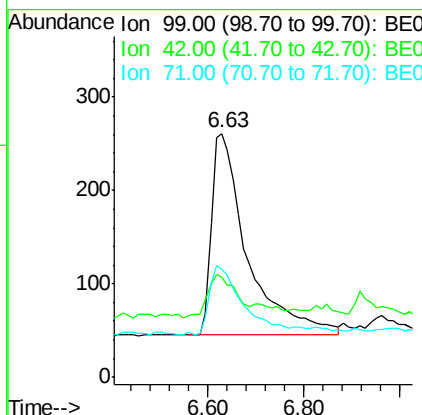




#5
Phenol-d6
Concen: 0.388 ng
RT: 6.63 min Scan# 327
Delta R.T. 0.01 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

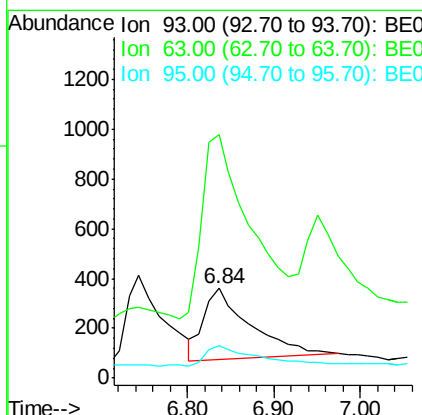
Instrument :
BNA_E
ClientSampleId :
PB113060BSD

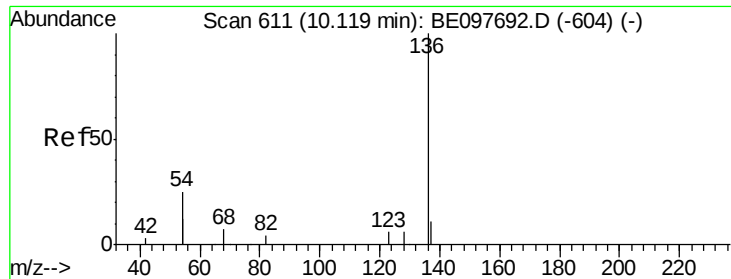
Tgt Ion: 99 Resp: 1133
Ion Ratio Lower Upper
99 100
42 16.5 20.2 30.2#
71 33.1 28.4 42.6



#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.01 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Tgt Ion: 93 Resp: 1056
Ion Ratio Lower Upper
93 100
63 270.9 275.3 412.9#
95 33.1 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

Tgt Ion: 136 Resp: 3946

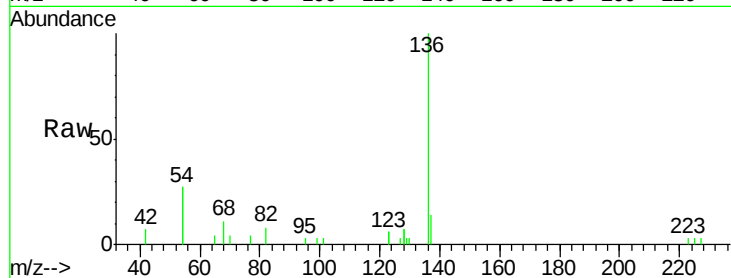
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 54.0 29.1 43.7#

68 10.9 6.2 9.2#

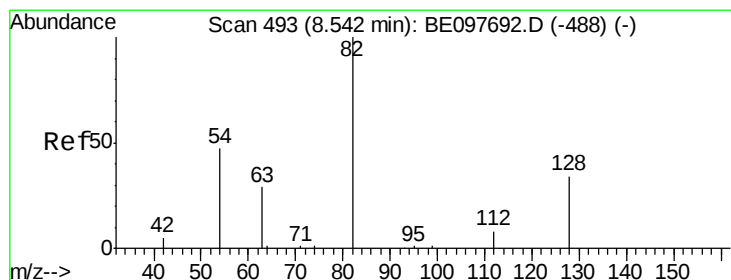
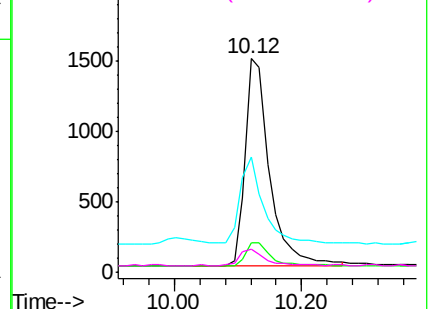
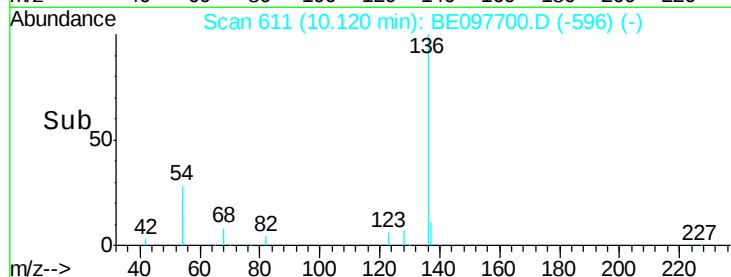


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.494 ng

RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

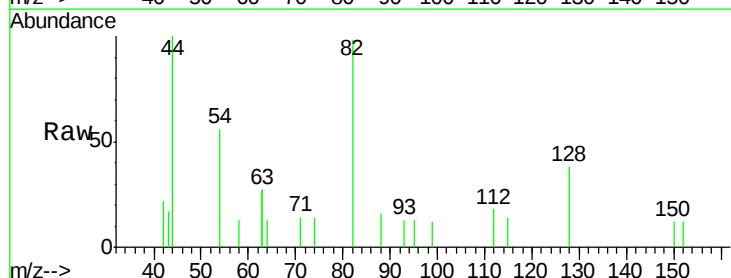
Tgt Ion: 82 Resp: 1382

Ion Ratio Lower Upper

82 100

128 38.8 24.0 36.0#

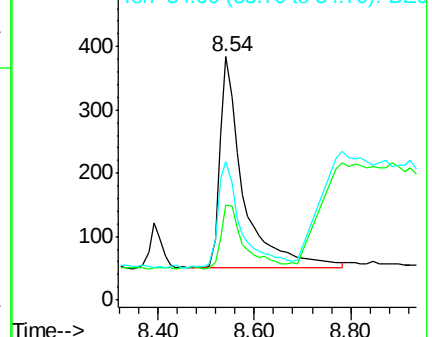
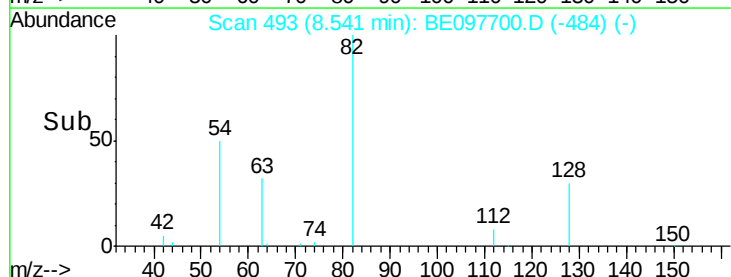
54 57.0 40.0 60.0

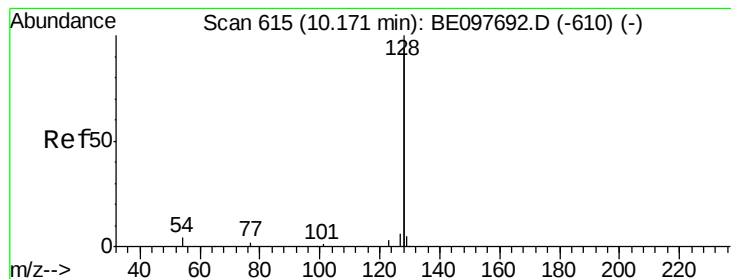


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.386 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097700.D

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PB113060BSD

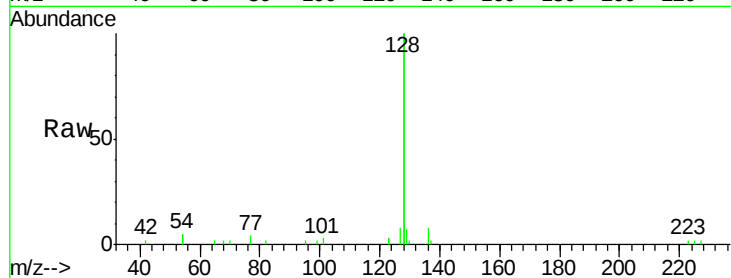
Tgt Ion:128 Resp: 15032

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

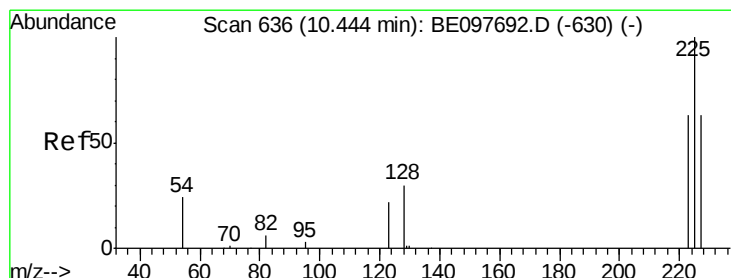
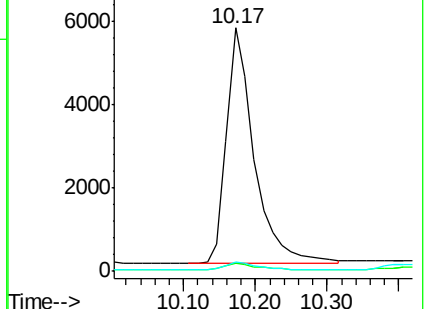
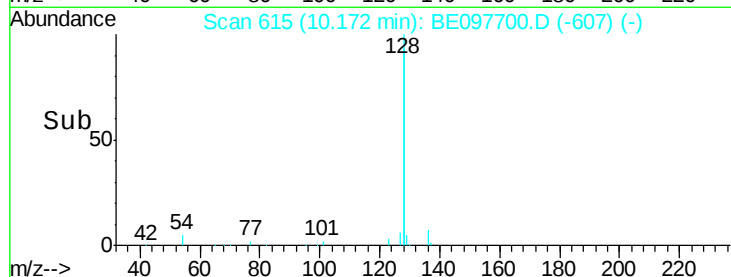
127 3.9 2.8 4.2



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: BE097700.D

Acq: 28 Sep 2018 12:29

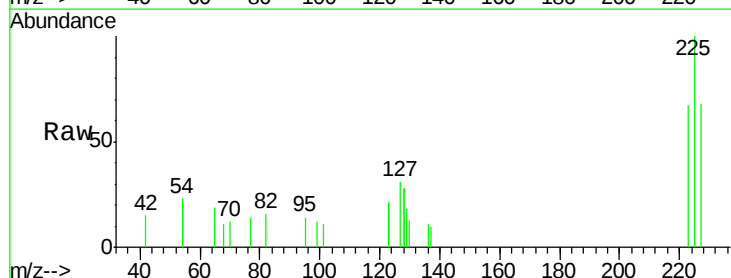
Tgt Ion:225 Resp: 703

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

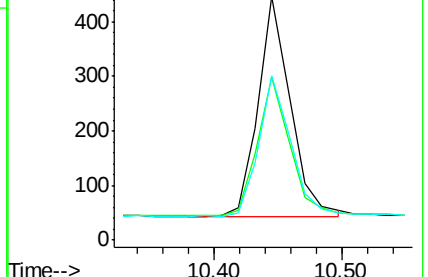
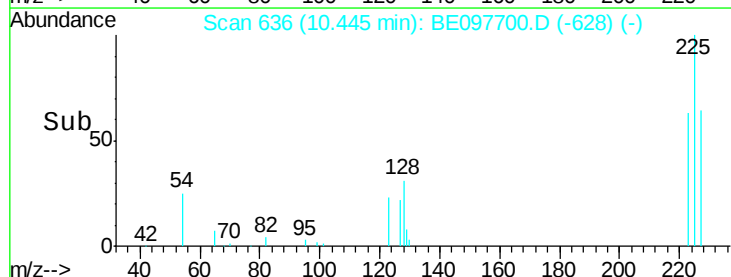
227 64.3 51.4 77.2

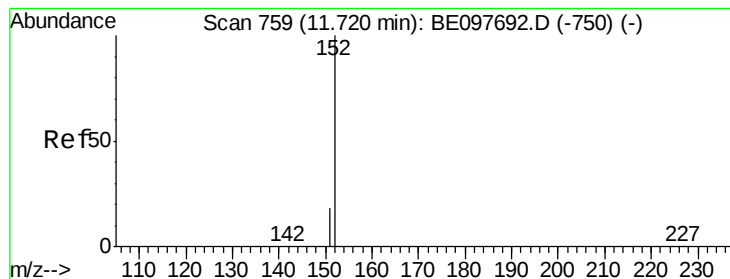


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

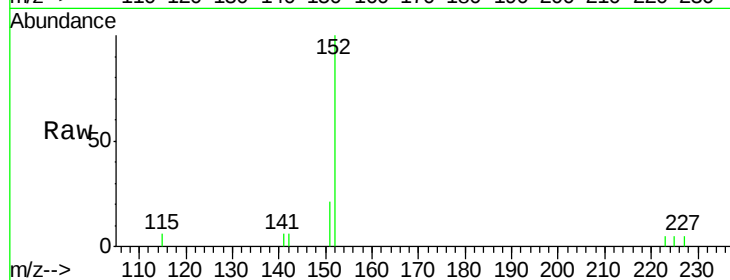
PB113060BSD

Tgt Ion:152 Resp: 2409

Ion Ratio Lower Upper

152 100

151 18.8 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

800

600

400

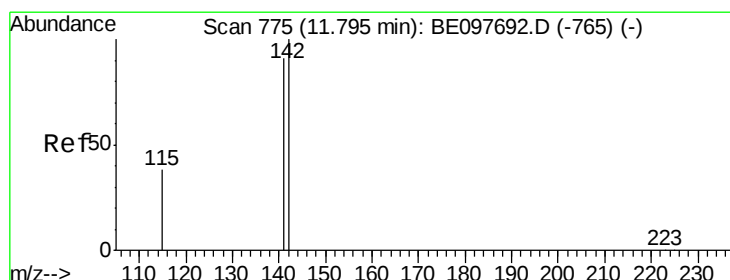
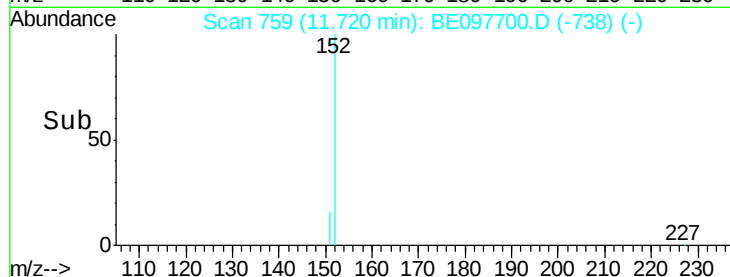
200

0

Time-->

11.60

11.80



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.01 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

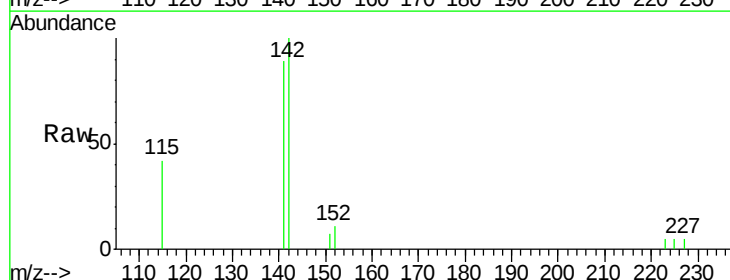
Tgt Ion:142 Resp: 2265

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 42.0 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

11.80

800

600

400

200

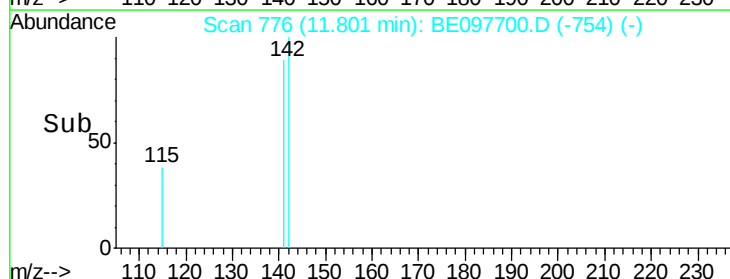
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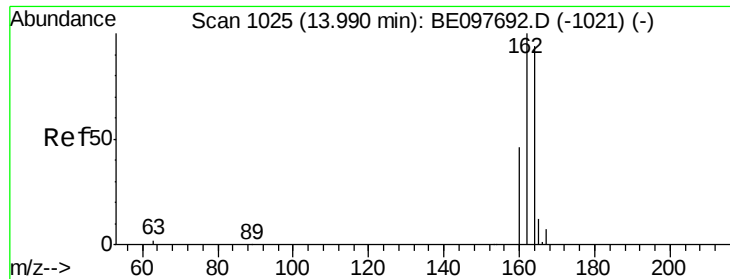
Time-->

11.70

11.80

11.90

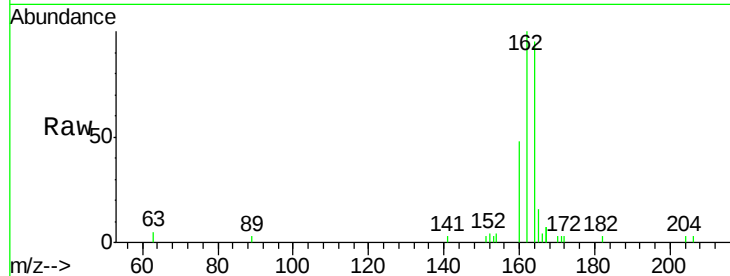




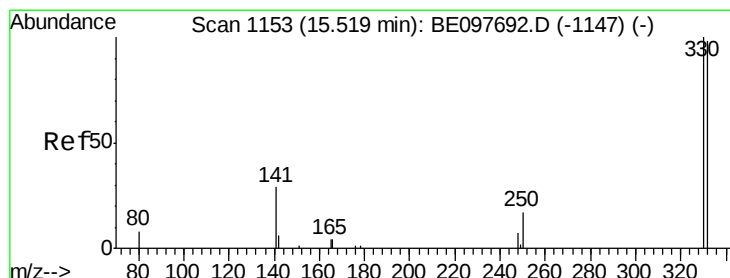
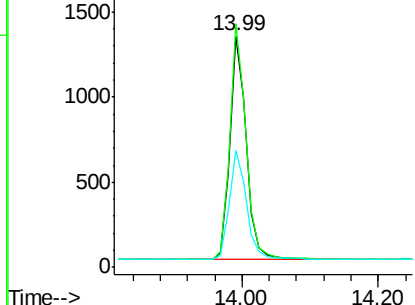
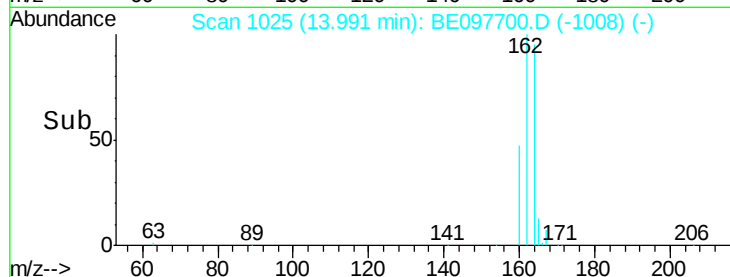
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Instrument :
BNA_E
ClientSampleId :
PB113060BSD

Tgt Ion:164 Resp: 2237
Ion Ratio Lower Upper
164 100
162 105.3 83.1 124.7
160 50.8 37.1 55.7

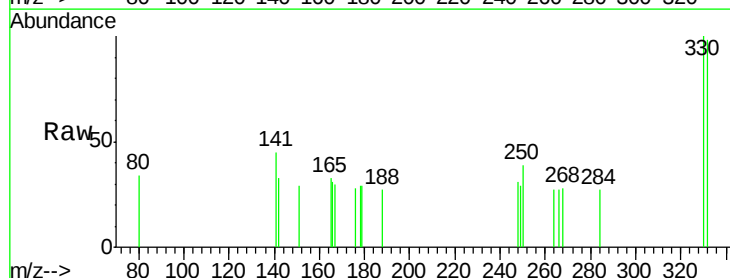


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

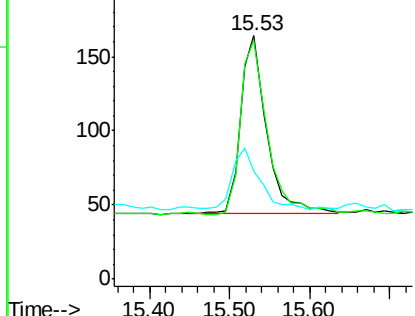
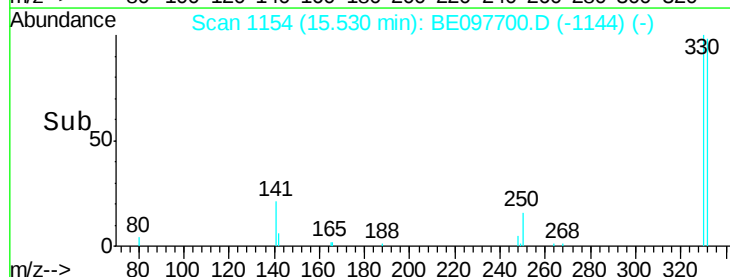


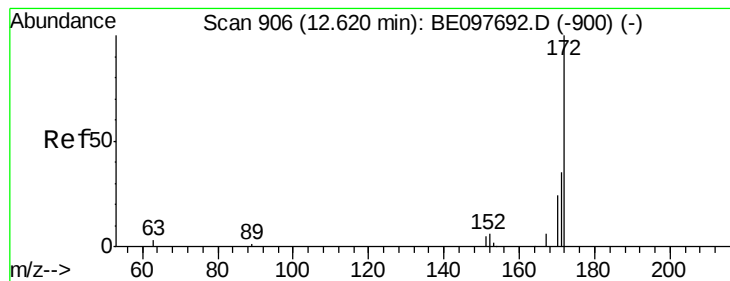
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Tgt Ion:330 Resp: 271
Ion Ratio Lower Upper
330 100
332 104.4 152.7 229.1#
141 35.8 33.7 50.5



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





#15

2-Fluorobiphenyl

Concen: 0.382 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

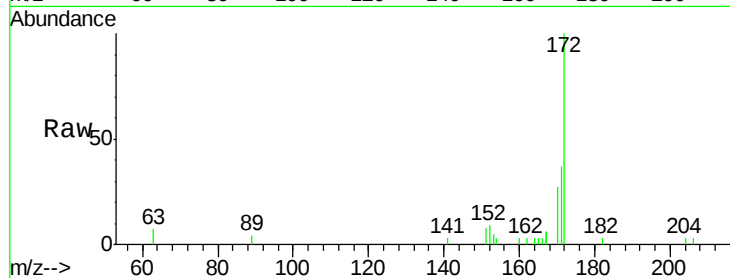
Tgt Ion:172 Resp: 3593

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

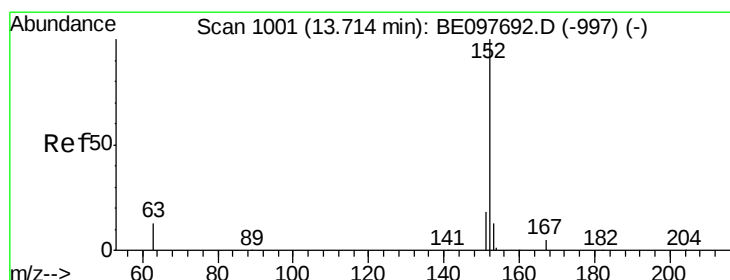
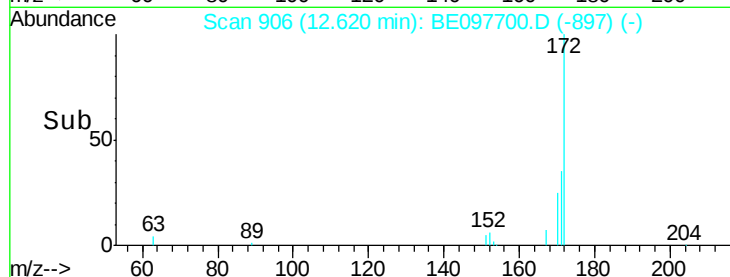
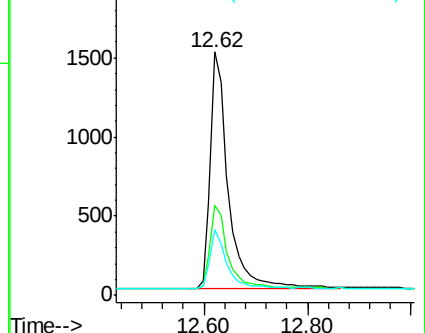
170 26.9 21.8 32.8



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: 0.363 ng

RT: 13.71 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

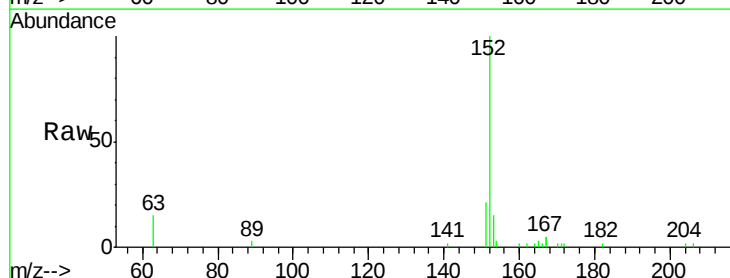
Tgt Ion:152 Resp: 3463

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

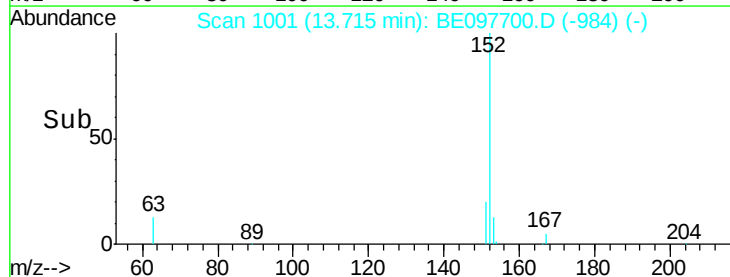
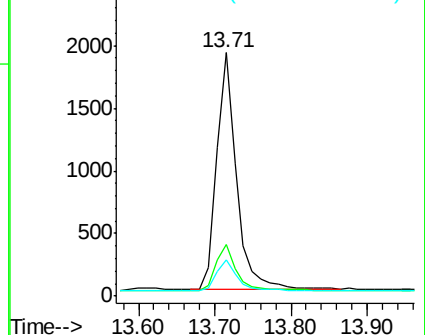
153 13.0 10.5 15.7

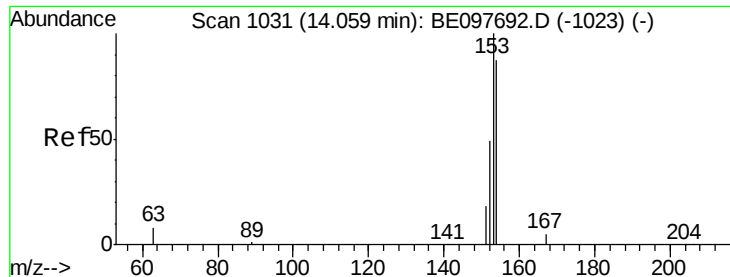


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

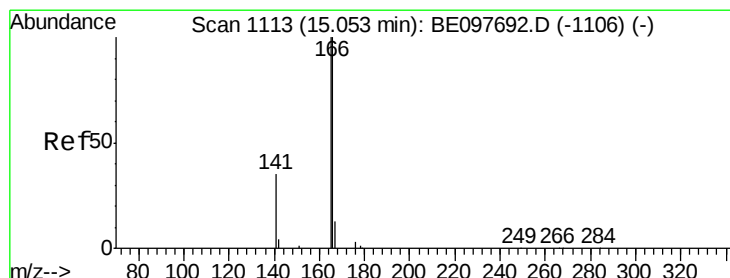
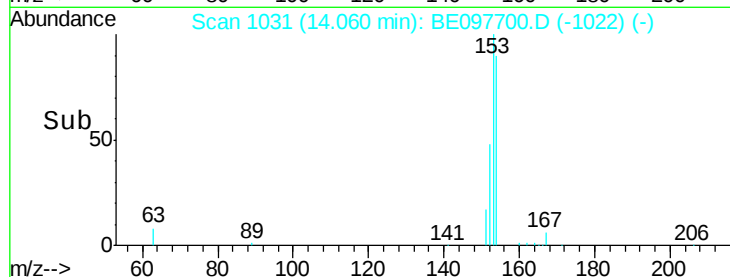
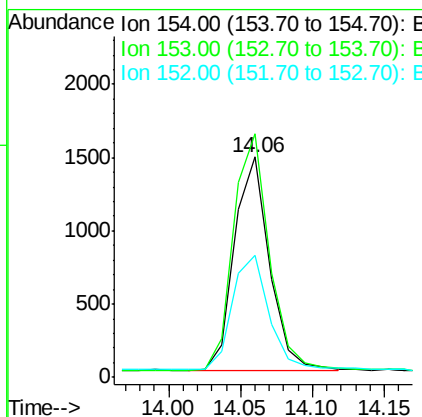
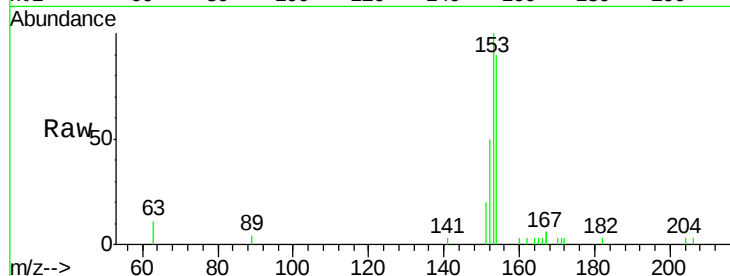




#17
Acenaphthene
Concen: 0.384 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

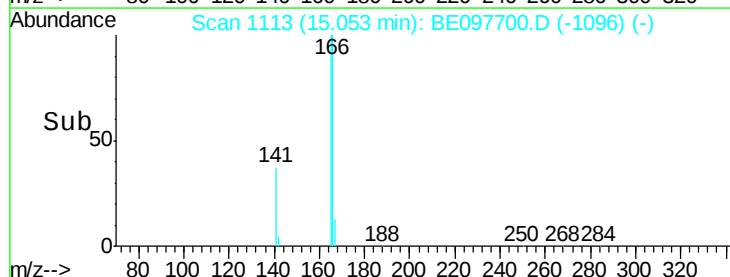
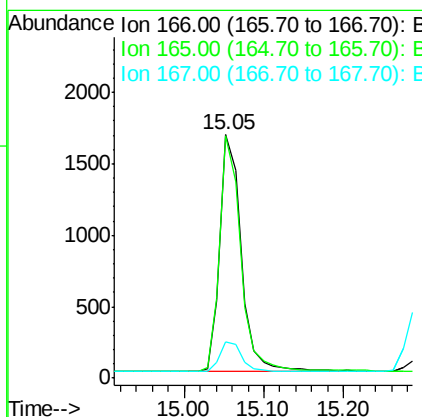
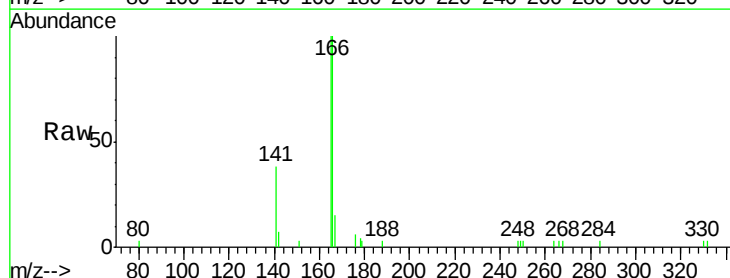
Instrument :
BNA_E
ClientSampleId :
PB113060BSD

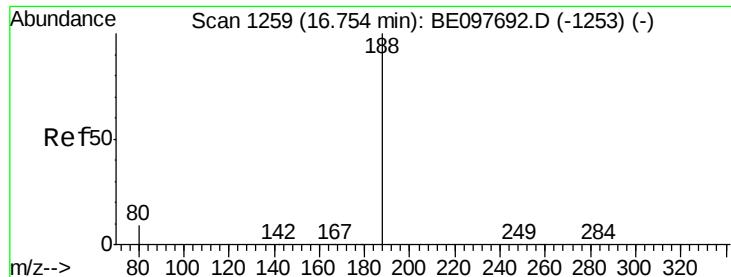
Tgt Ion:154 Resp: 2465
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 56.6 42.0 63.0



#18
Fluorene
Concen: 0.376 ng
RT: 15.05 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Tgt Ion:166 Resp: 3088
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.6
167 13.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

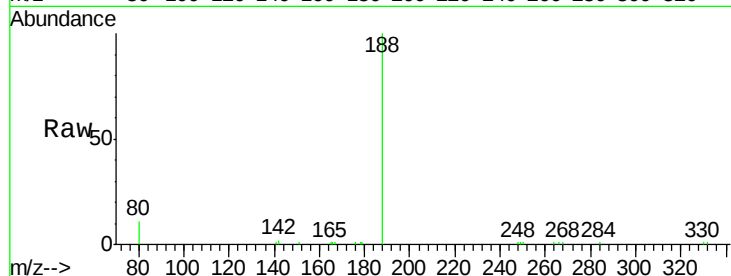
Tgt Ion:188 Resp: 5899

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

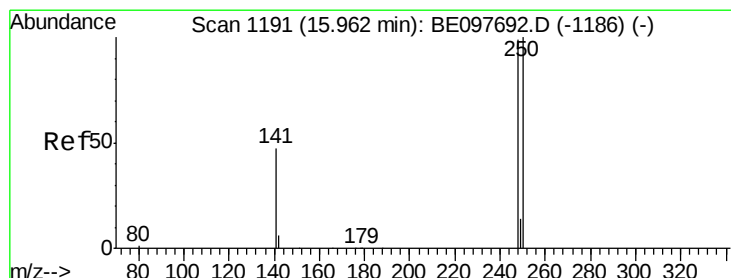
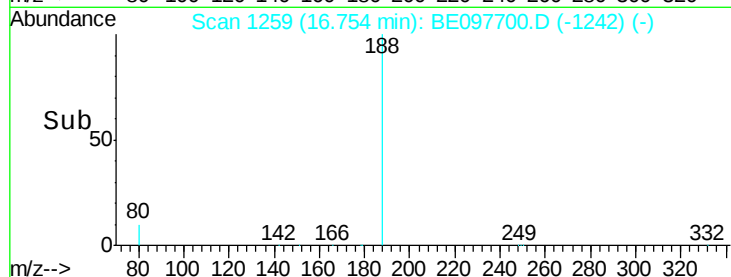
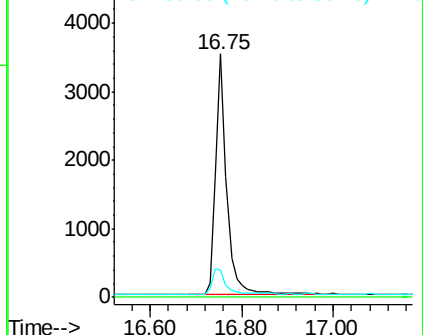
80 11.1 3.6 5.4#



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: 0.374 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

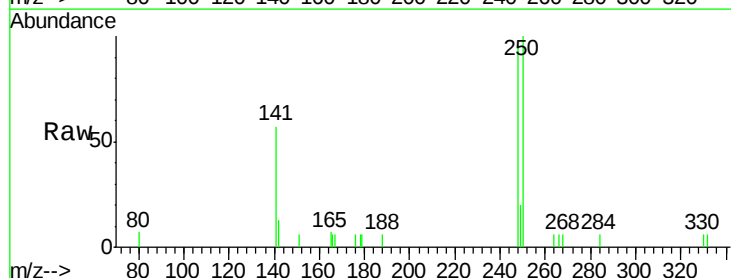
Tgt Ion:248 Resp: 1124

Ion Ratio Lower Upper

248 100

250 104.0 62.7 94.1#

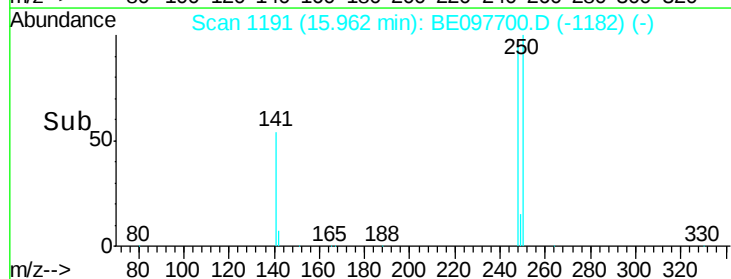
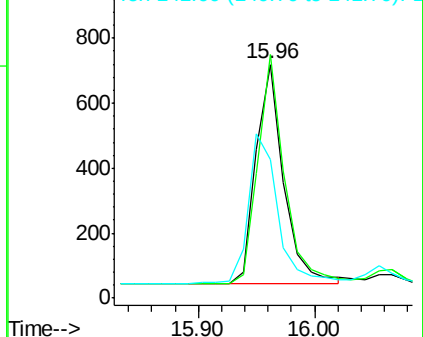
141 59.3 48.2 72.2

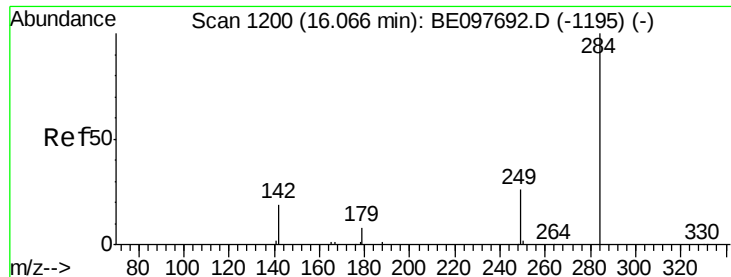


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

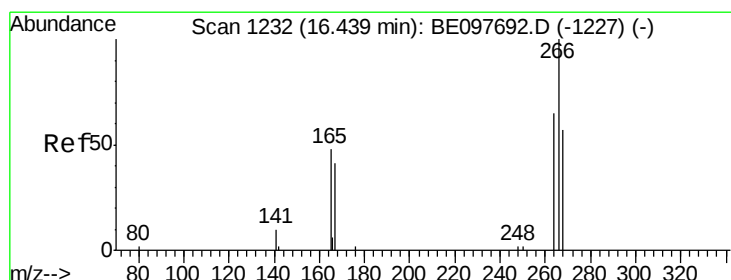
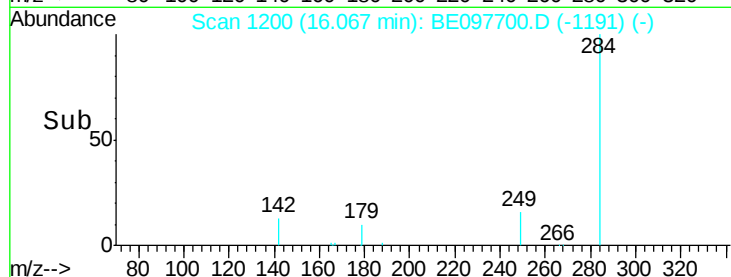
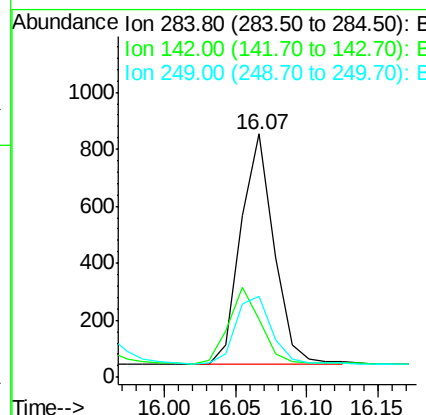
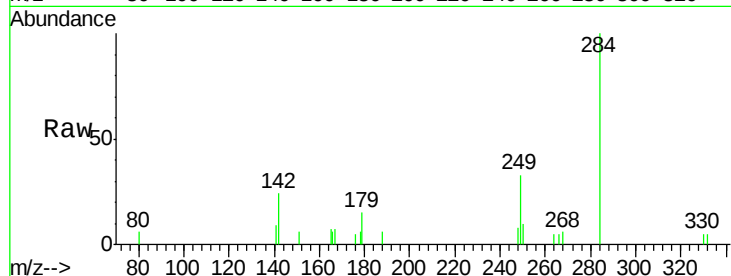




#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

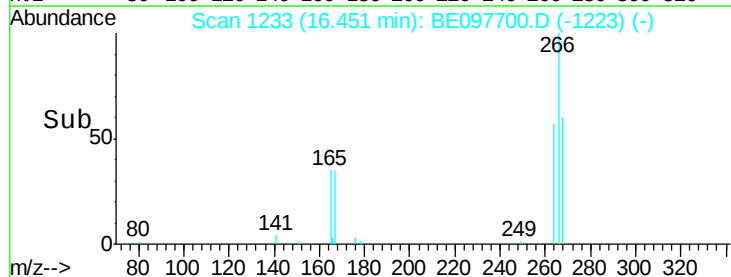
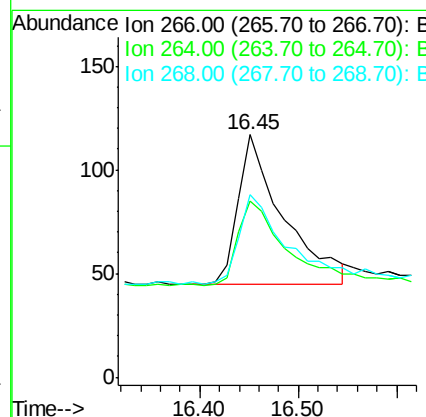
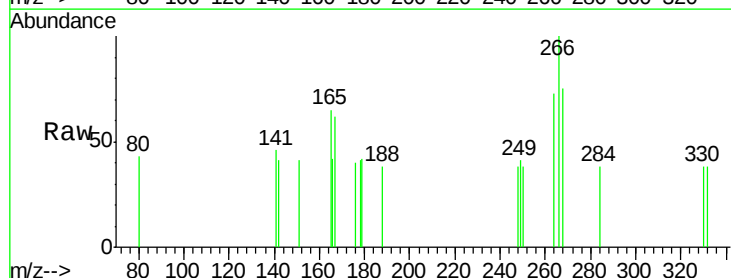
Instrument :
BNA_E
ClientSampleId :
PB113060BSD

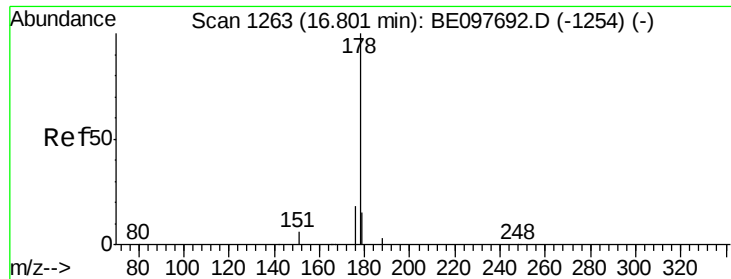
Tgt Ion: 284 Resp: 1315
Ion Ratio Lower Upper
284 100
142 32.1 22.1 33.1
249 31.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.293 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097700.D
Acq: 28 Sep 2018 12:29

Tgt Ion: 266 Resp: 228
Ion Ratio Lower Upper
266 100
264 72.6 72.5 108.7
268 75.2 73.8 110.6





#23

Phenanthrene

Concen: 0.389 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

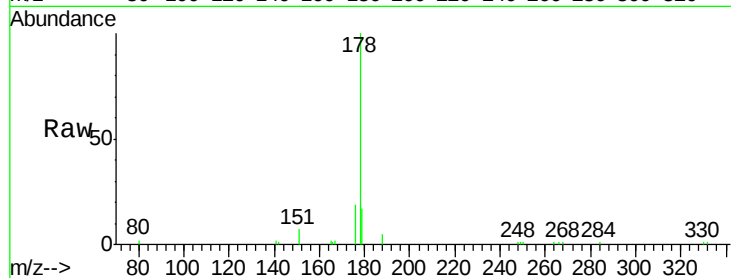
Tgt Ion:178 Resp: 5932

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

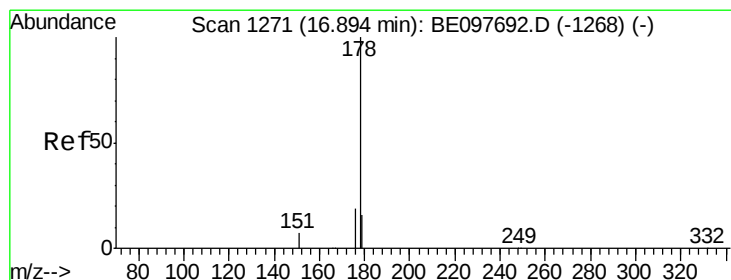
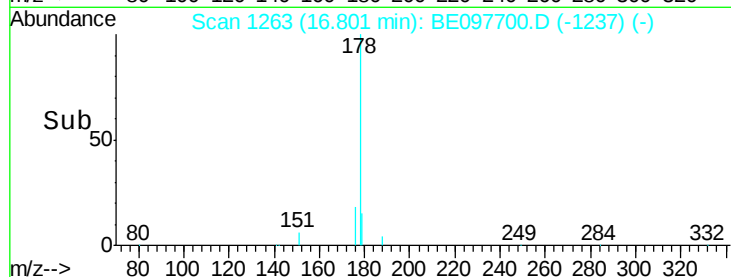
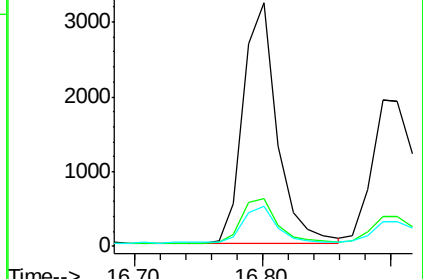
179 15.4 11.8 17.6



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: 0.362 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

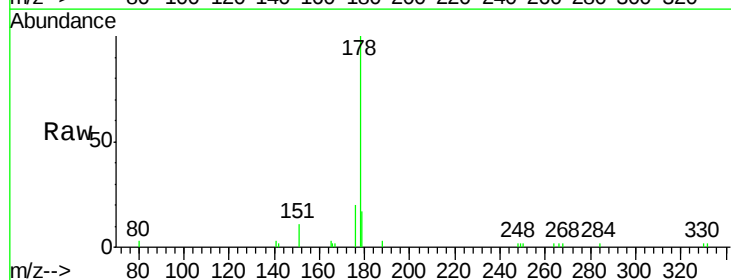
Tgt Ion:178 Resp: 4544

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

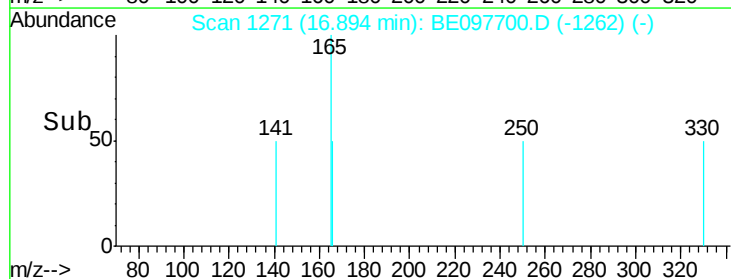
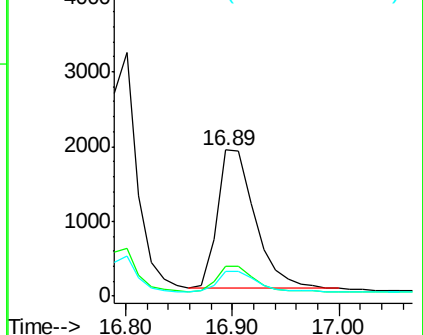
179 15.0 13.0 19.6

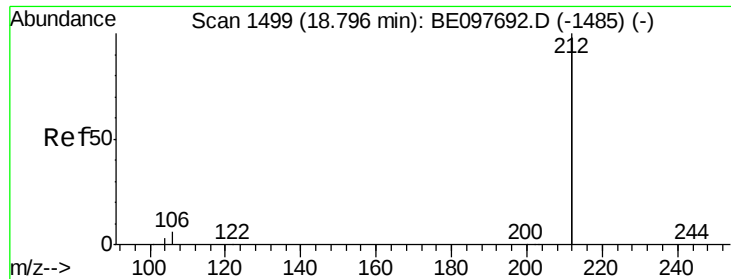


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 18.80 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

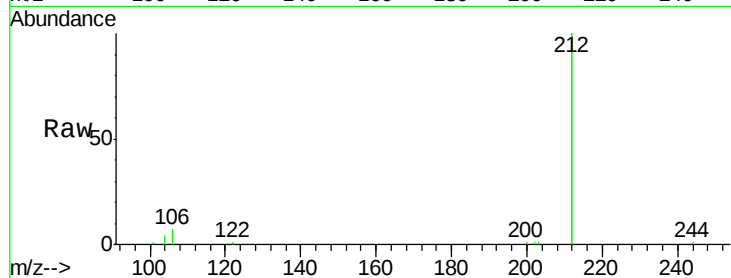
Tgt Ion:212 Resp: 27376

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

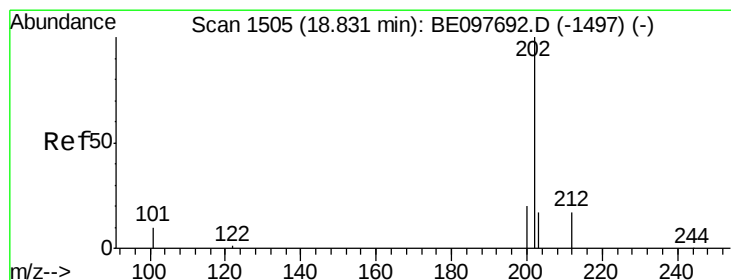
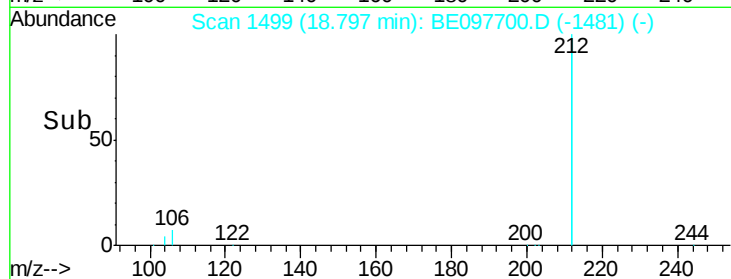
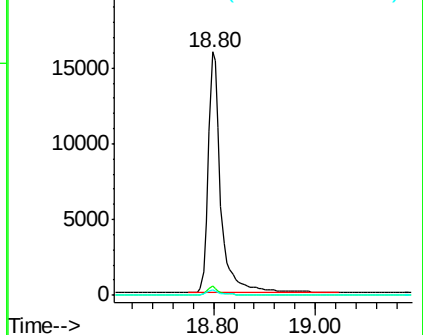
104 1.7 1.6 2.4



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: 0.378 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

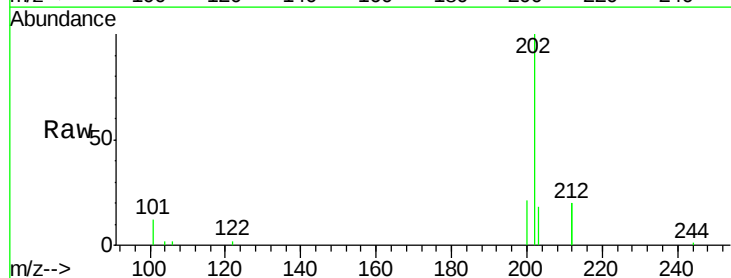
Tgt Ion:202 Resp: 7165

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

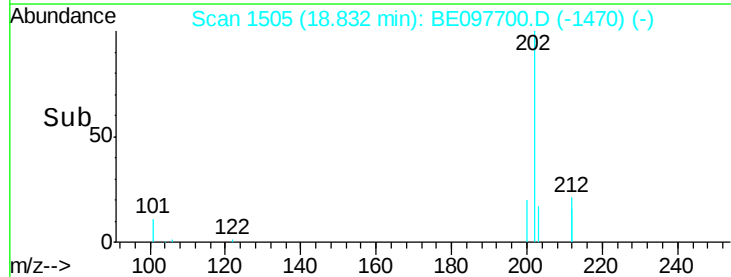
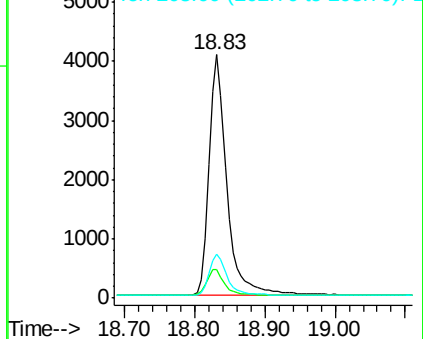
203 16.9 13.7 20.5

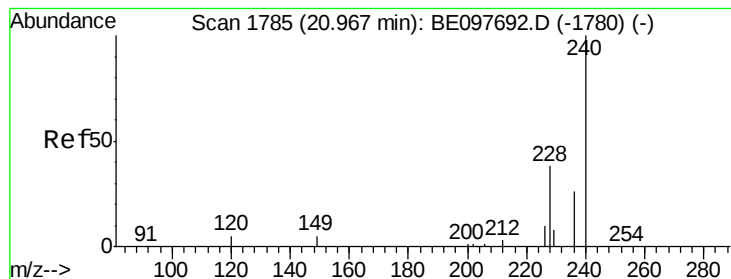


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

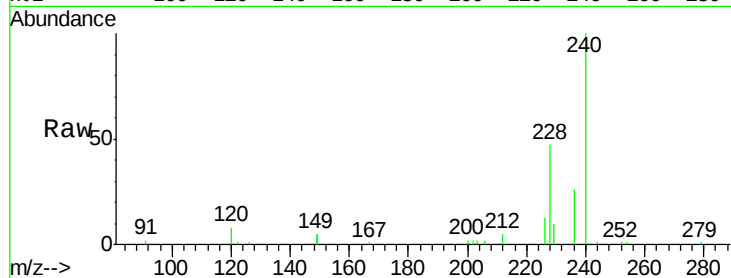
Tgt Ion:240 Resp: 7368

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

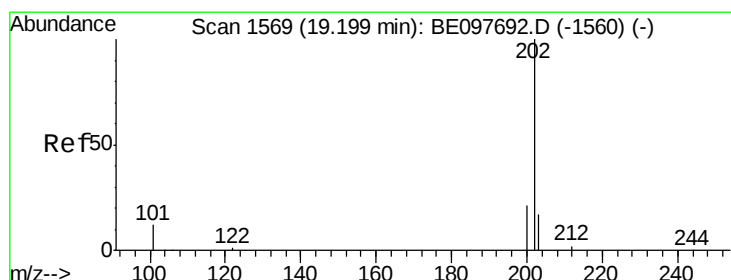
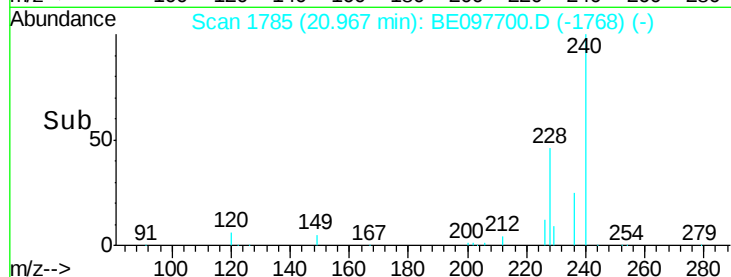
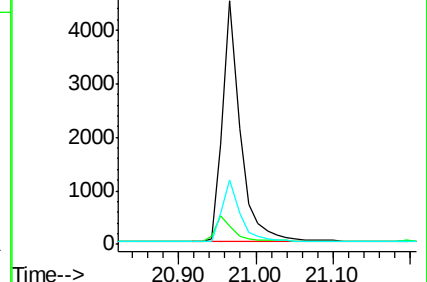
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.384 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

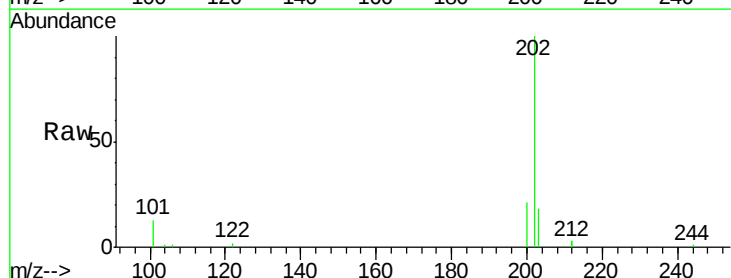
Tgt Ion:202 Resp: 7355

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

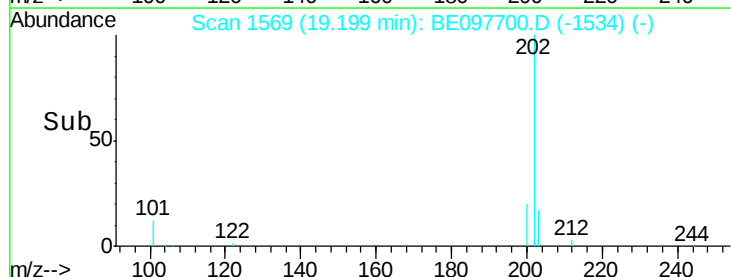
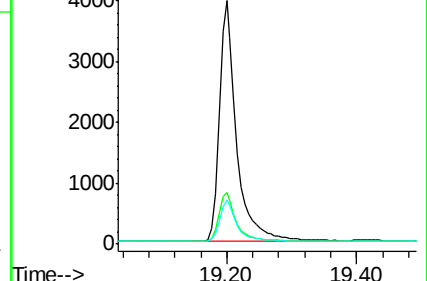
203 17.3 13.8 20.8

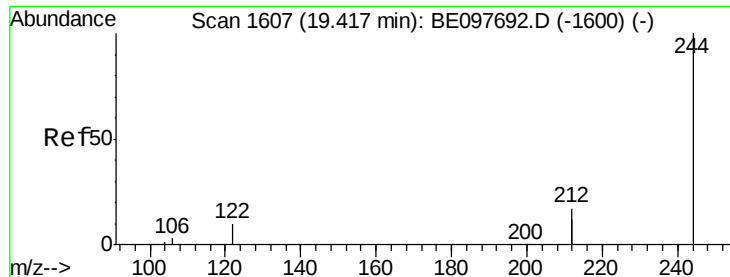


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.42 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

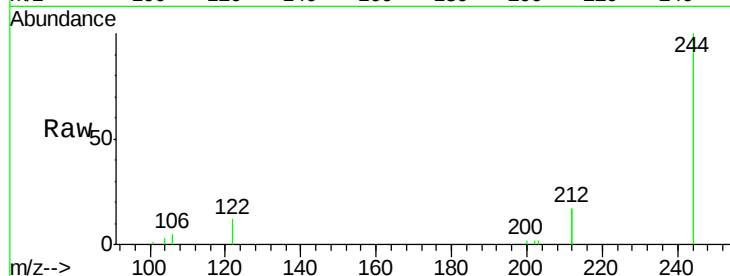
Tgt Ion:244 Resp: 5947

Ion Ratio Lower Upper

244 100

212 34.4 25.4 38.0

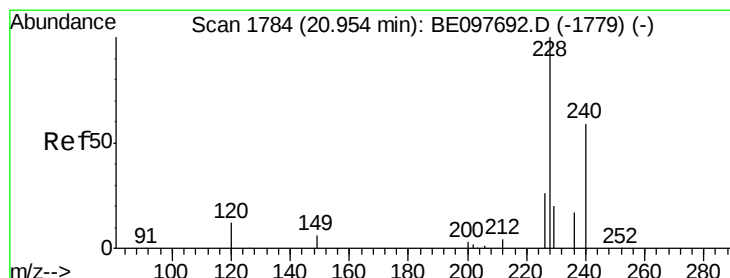
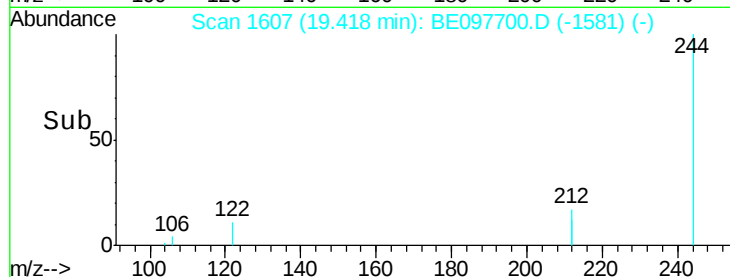
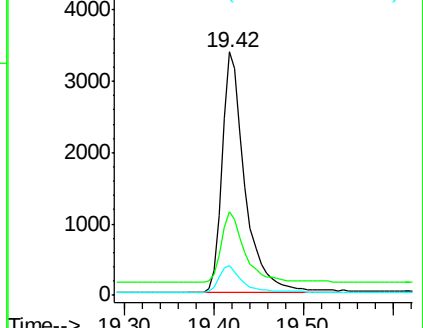
122 12.3 8.1 12.1#



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: 0.350 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

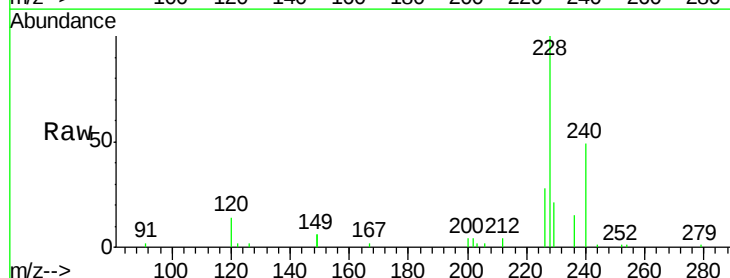
Tgt Ion:228 Resp: 6371

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

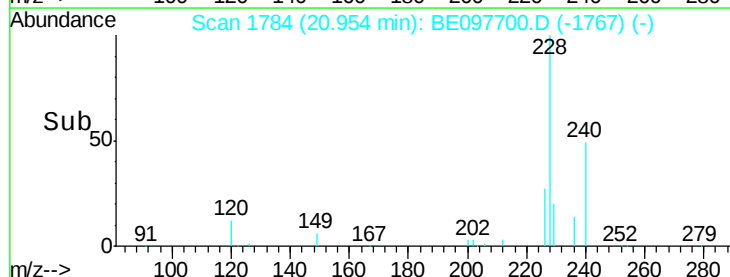
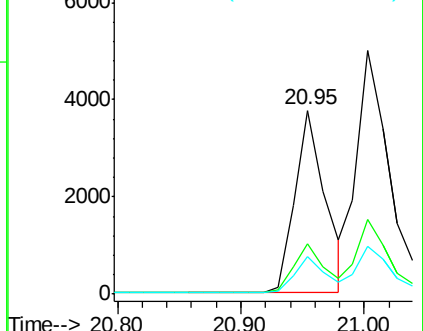
229 20.5 16.0 24.0

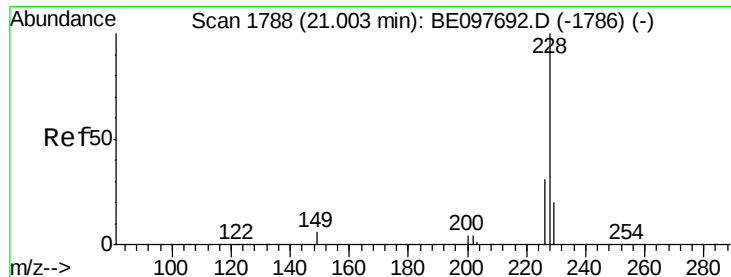


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

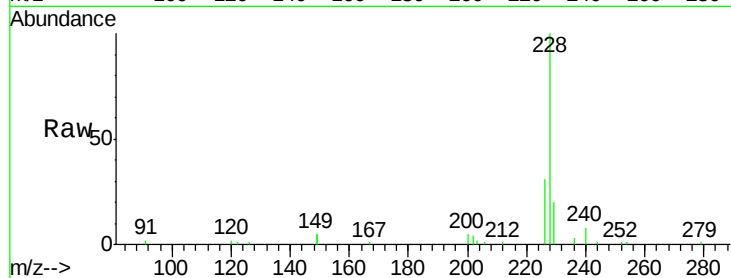
Tgt Ion:228 Resp: 9069

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

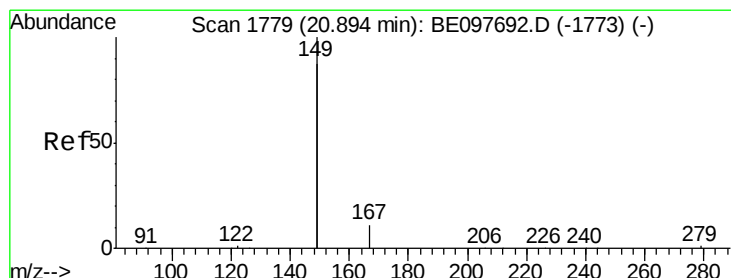
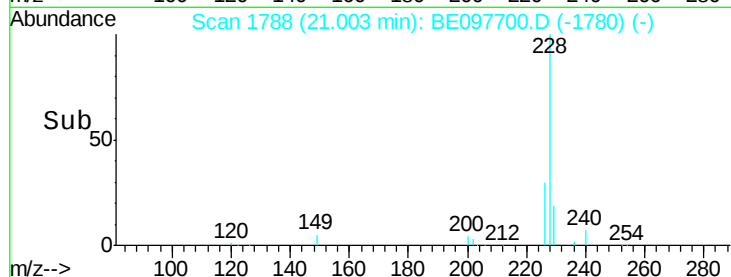
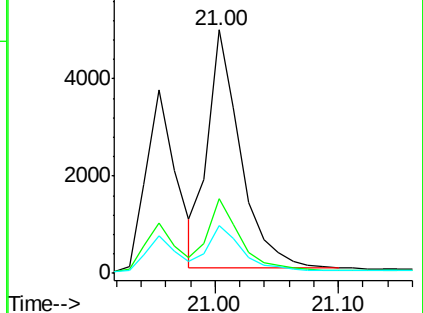
229 19.7 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.332 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

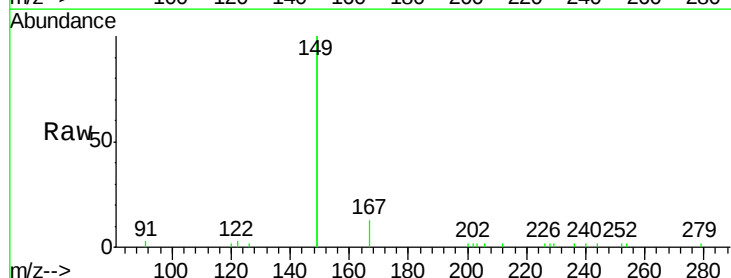
Tgt Ion:149 Resp: 7469

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

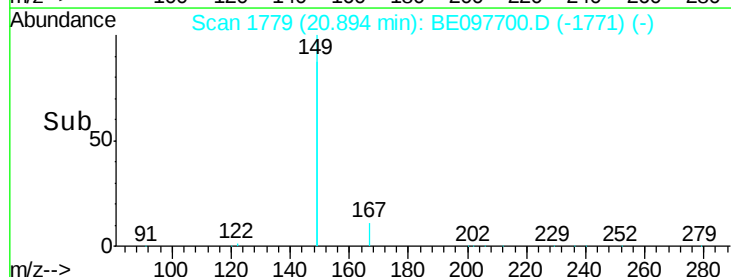
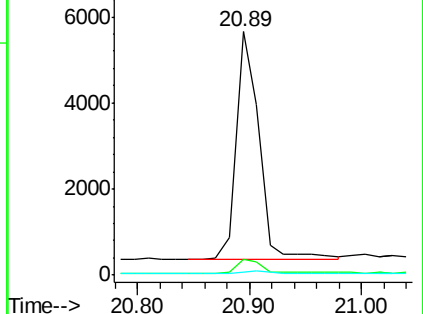
279 1.0 0.7 1.1

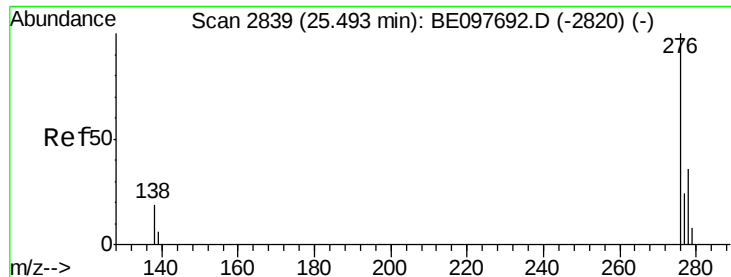


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.416 ng

RT: 25.50 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

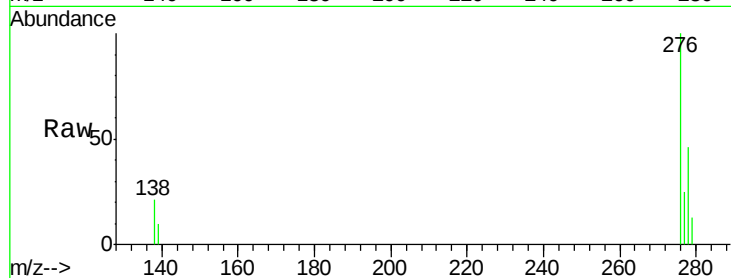
Tgt Ion:276 Resp: 10015

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

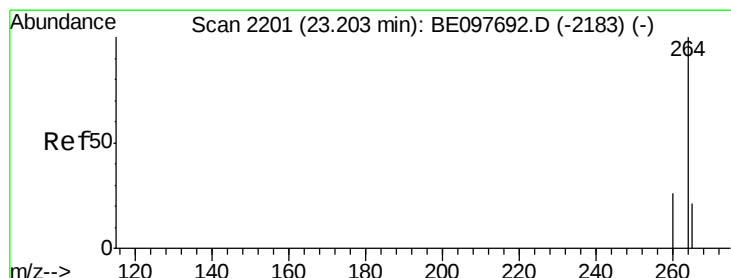
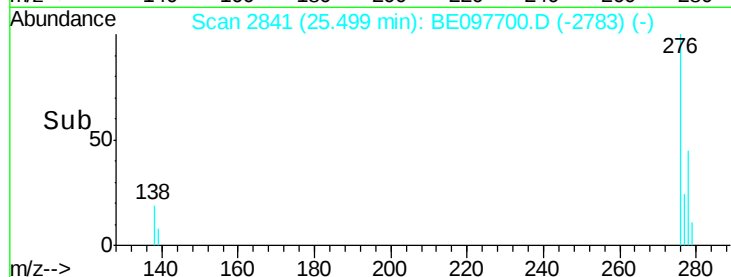
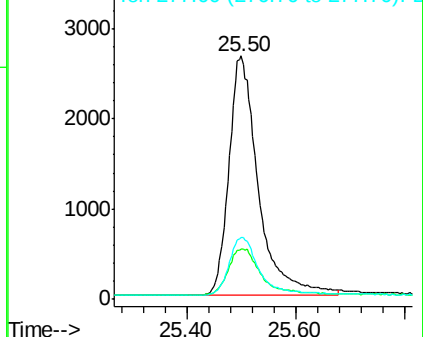
277 24.7 19.9 29.9



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: BE097700.D

Acq: 28 Sep 2018 12:29

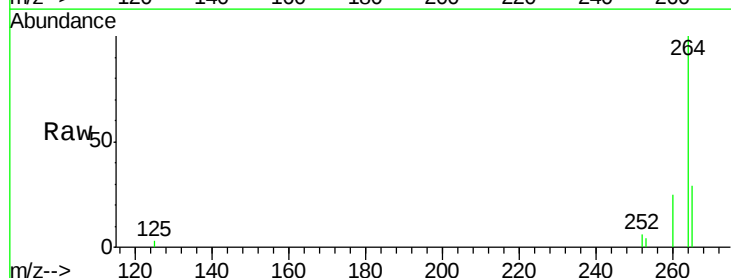
Tgt Ion:264 Resp: 7217

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

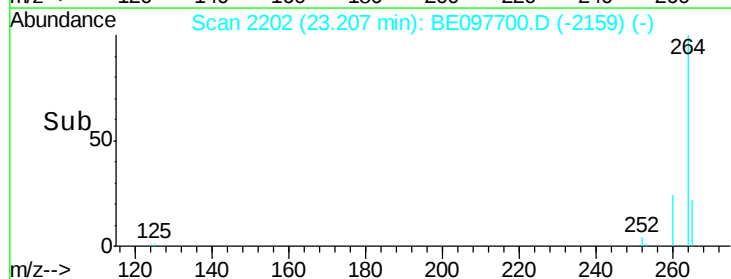
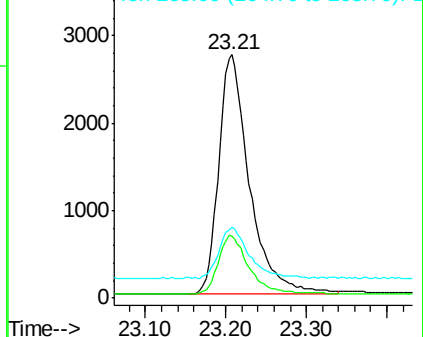
265 29.1 22.8 34.2

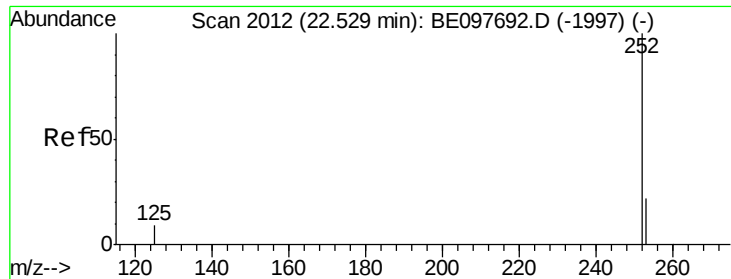


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.344 ng

RT: 22.53 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

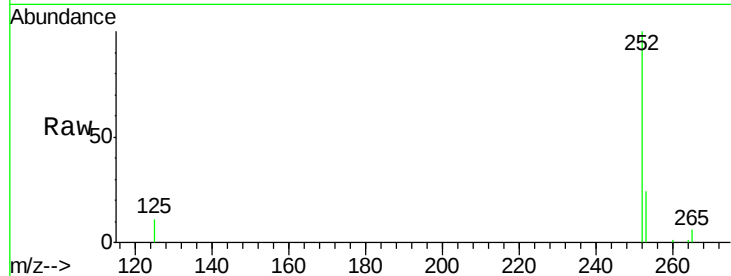
Tgt Ion:252 Resp: 7166

Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

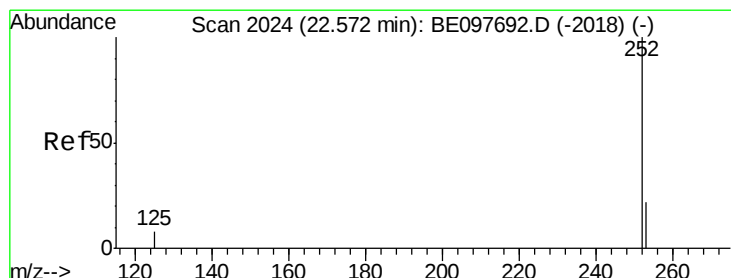
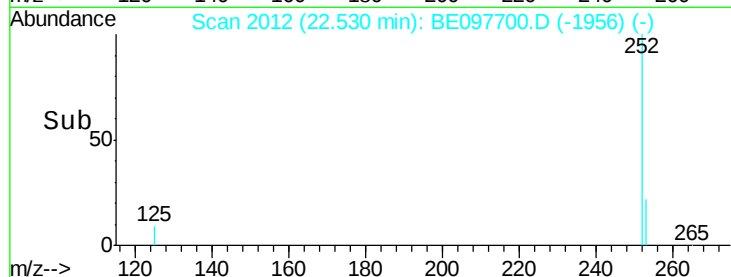
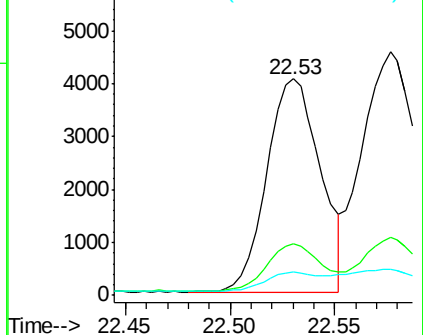
125 10.9 16.0 24.0#



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: 0.388 ng

RT: 22.58 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

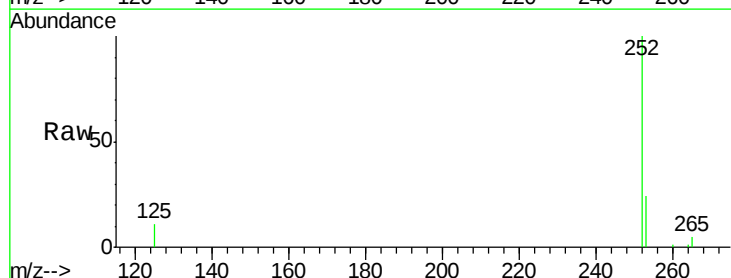
Tgt Ion:252 Resp: 9328

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

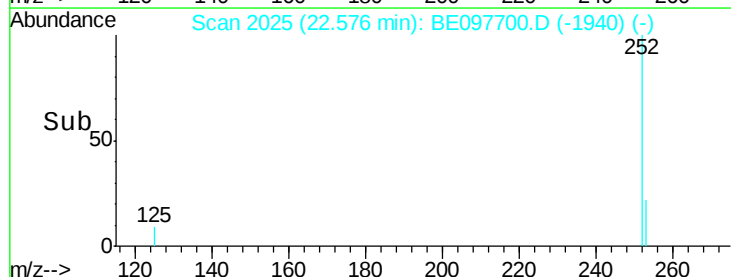
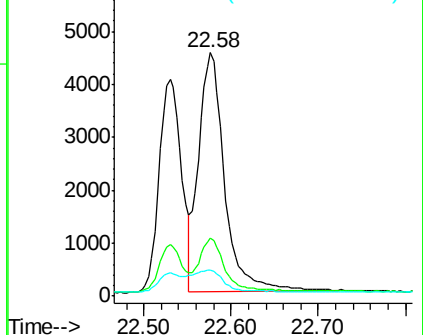
125 10.6 8.0 12.0

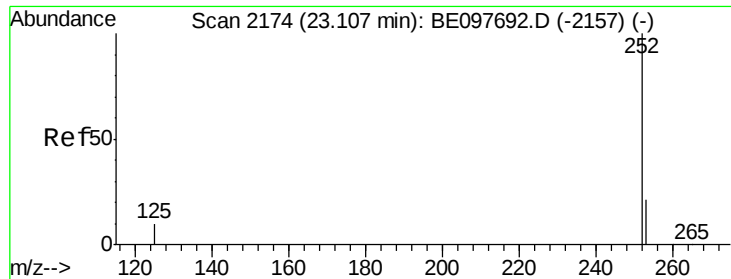


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.369 ng

RT: 23.11 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD

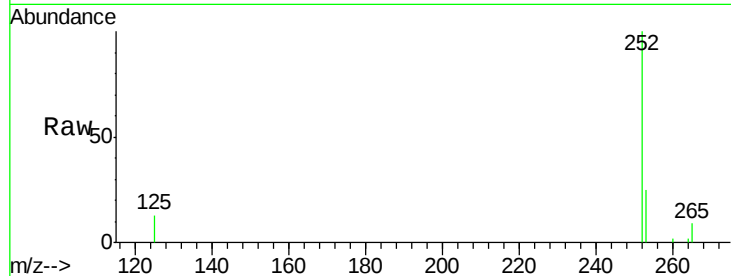
Tgt Ion:252 Resp: 7380

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

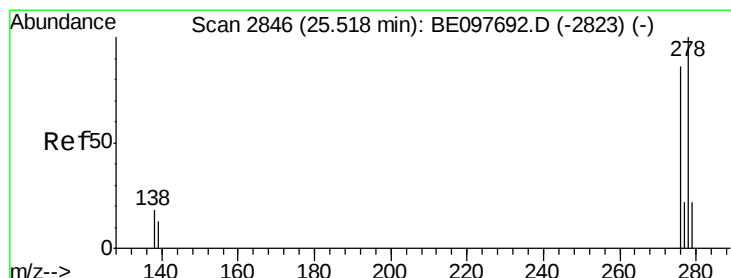
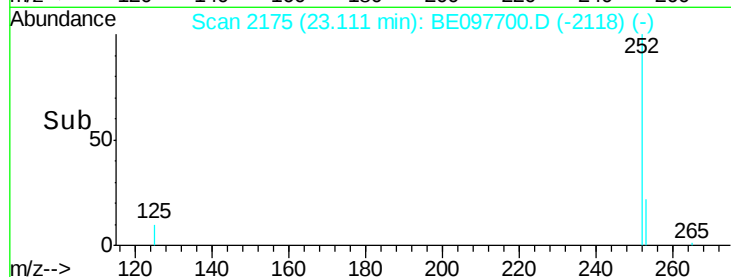
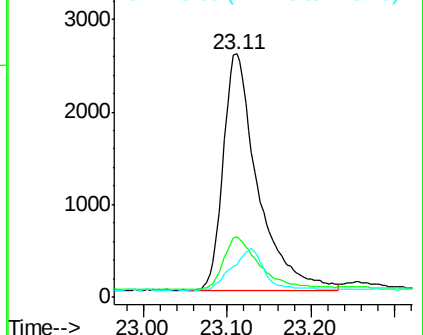
125 13.3 12.0 18.0



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: 0.374 ng

RT: 25.52 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BE097700.D

Acq: 28 Sep 2018 12:29

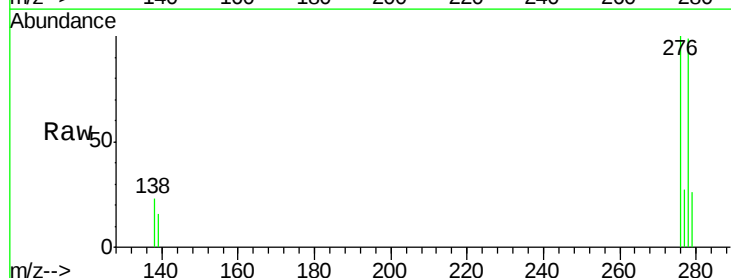
Tgt Ion:278 Resp: 8122

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

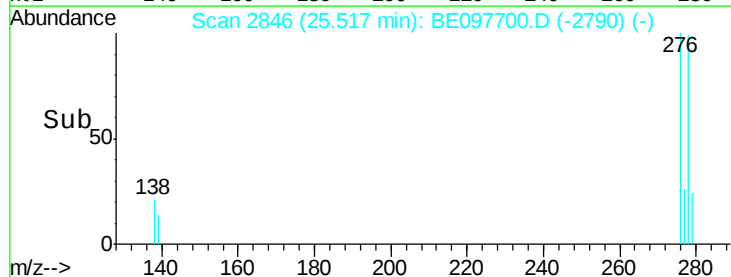
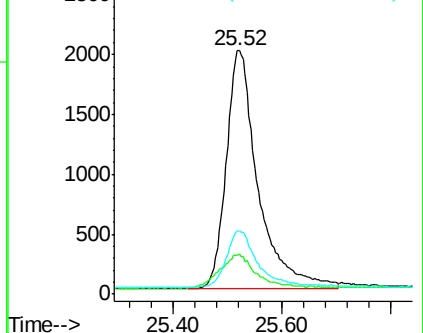
279 26.2 20.0 30.0

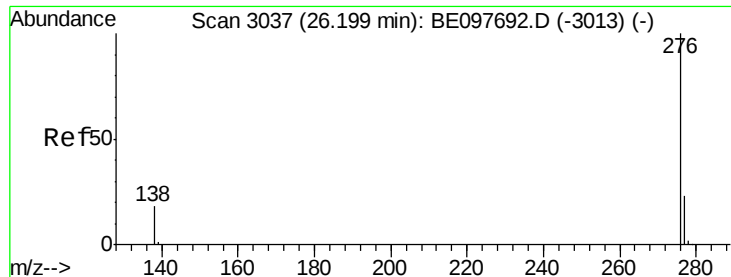


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.357 ng

RT: 26.20 min Scan# 3038

Delta R.T. 0.00 min

Lab File: BE097700.D

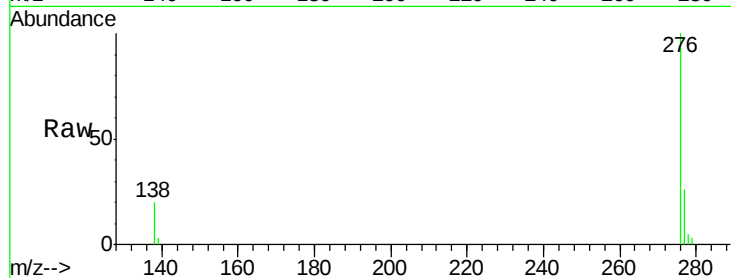
Acq: 28 Sep 2018 12:29

Instrument :

BNA_E

ClientSampleId :

PB113060BSD



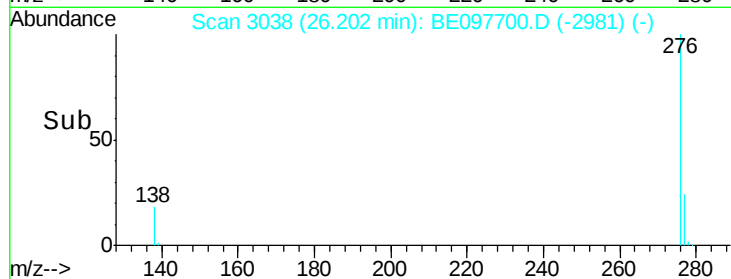
Tgt Ion: 276 Resp: 7867

Ion Ratio Lower Upper

276 100

277 26.1 16.0 24.0#

138 20.3 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

