

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097684.D
 Acq On : 26 Sep 2018 12:13
 Operator : SJ/JU
 Sample : J4963-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:29:01 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	7.37	152	900	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3988	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6379	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9336	0.40	ng	0.00
34) Perylene-d12	23.20	264	9001	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	509	0.21	ng	0.01
5) Phenol-d6	6.63	99	330	0.10	ng	0.01
8) Nitrobenzene-d5	8.53	82	1472	0.57	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3094	0.52	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	623	0.65	ng	-0.02
15) 2-Fluorobiphenyl	12.62	172	5869	0.81	ng	-0.01
25) Fluoranthene-d10	18.80	212	37255	0.54	ng	0.00
29) Terphenyl-d14	19.41	244	13245	0.72	ng	0.00

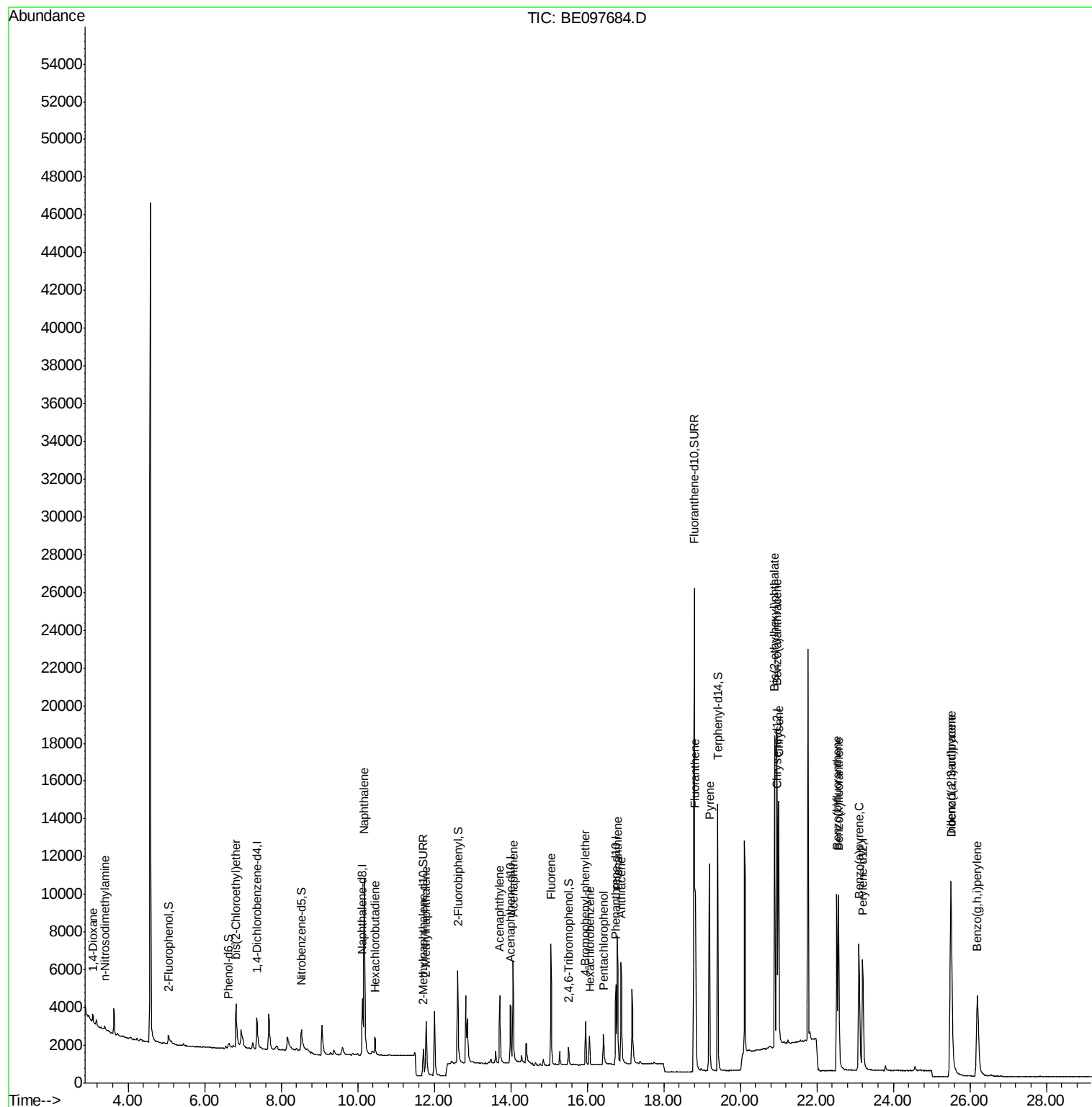
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	252	0.14	ng	# 76
3) n-Nitrosodimethylamine	3.38	42	199	0.24	ng	# 82
6) bis(2-Chloroethyl)ether	6.83	93	1276	0.45	ng	88
9) Naphthalene	10.17	128	18644	0.51	ng	100
10) Hexachlorobutadiene	10.45	225	708	0.43	ng	95
12) 2-Methylnaphthalene	11.79	142	2887	0.50	ng	100
16) Acenaphthylene	13.71	152	4464	0.50	ng	99
17) Acenaphthene	14.06	154	2913	0.50	ng	96
18) Fluorene	15.05	166	4166	0.51	ng	# 80
20) 4-Bromophenyl-phenylether	15.95	248	1361	0.48	ng	# 83
21) Hexachlorobenzene	16.07	284	1473	0.45	ng	# 84
22) Pentachlorophenol	16.43	266	1068	1.31	ng	# 75
23) Phenanthrene	16.79	178	7931	0.53	ng	99
24) Anthracene	16.88	178	7009	0.56	ng	95
26) Fluoranthene	18.83	202	10841	0.60	ng	99
28) Pyrene	19.19	202	11249	0.46	ng	99
30) Benzo(a)anthracene	20.95	228	12555	0.57	ng	95
31) Chrysene	21.00	228	12469	0.48	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	18823	0.75	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	15163	0.56	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	12277	0.53	ng	# 88
36) Benzo(k)fluoranthene	22.57	252	13868	0.51	ng	95
37) Benzo(a)pyrene	23.10	252	12080	0.53	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	12400	0.52	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	12380	0.52	ng	# 88

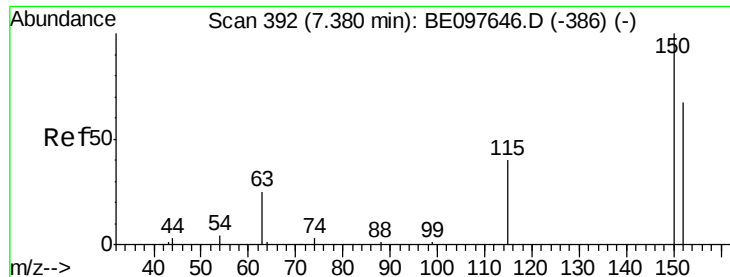
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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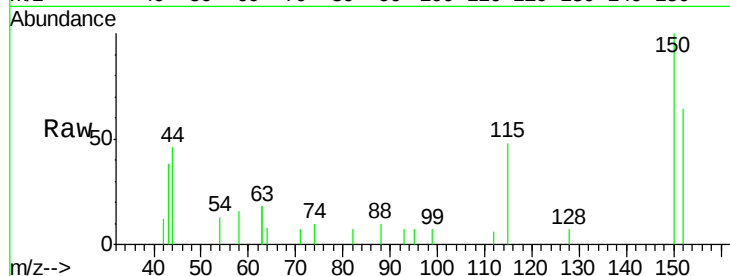


#1

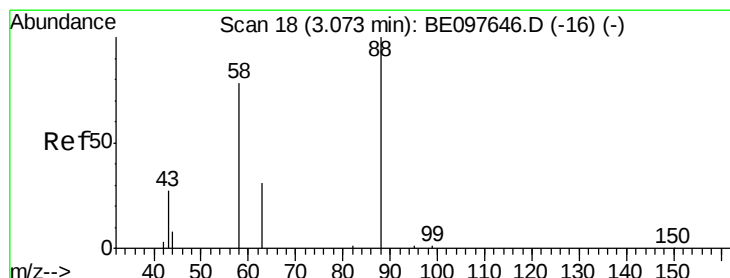
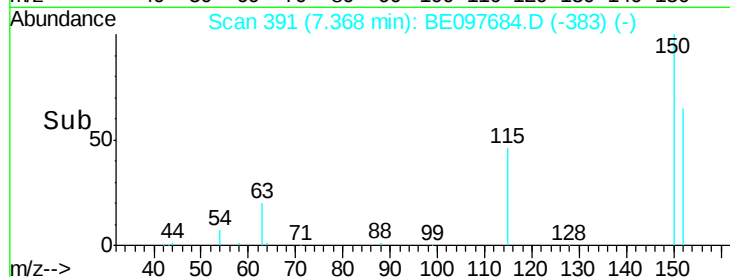
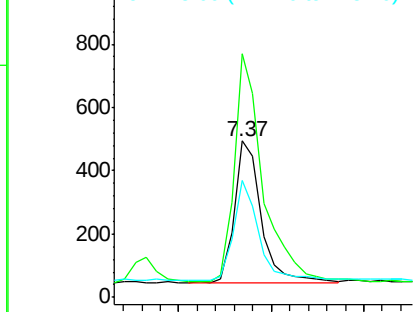
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
150 156.0 117.2 175.8
115 75.1 57.0 85.6



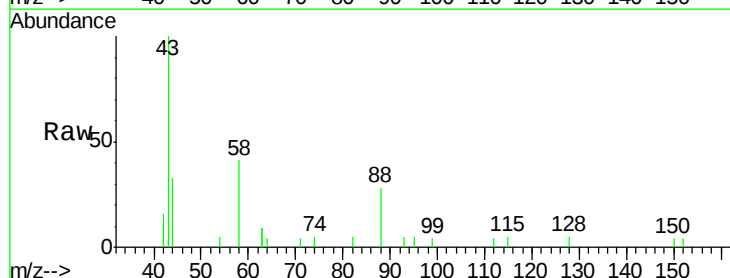
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



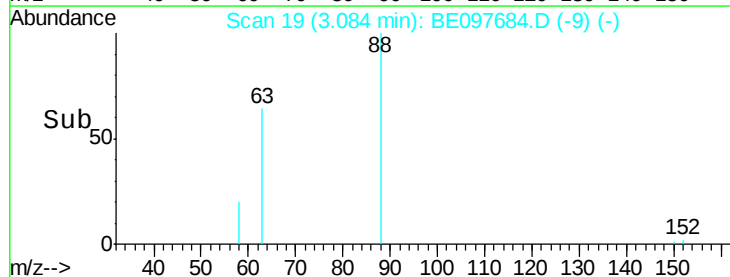
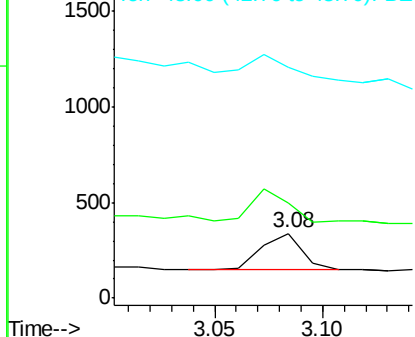
#2

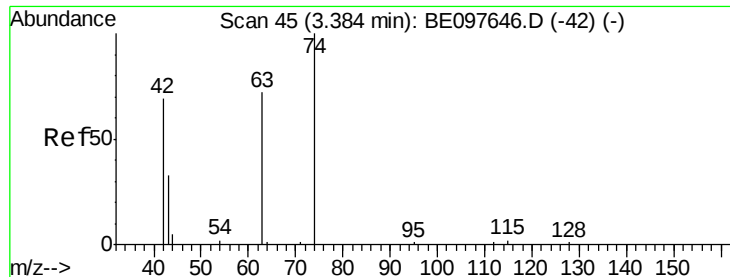
1,4-Dioxane
Concen: 0.14 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

Tgt Ion: 88 Resp: 252
Ion Ratio Lower Upper
88 100
58 77.8 63.2 94.8
43 92.1 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.24 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampled :

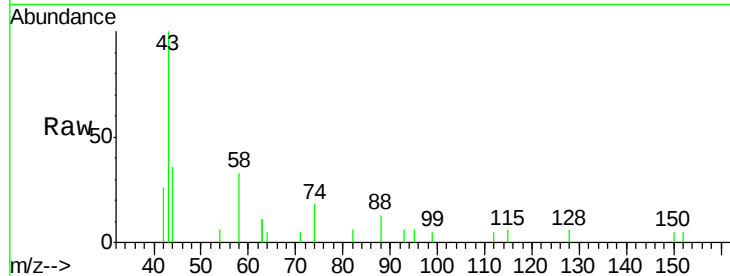
Tot Ion: 42 Resp: 199

Ion Ratio Lower Upper

42 100

74 137.7 96.0 144.0

44 0.0 12.0 18.0#

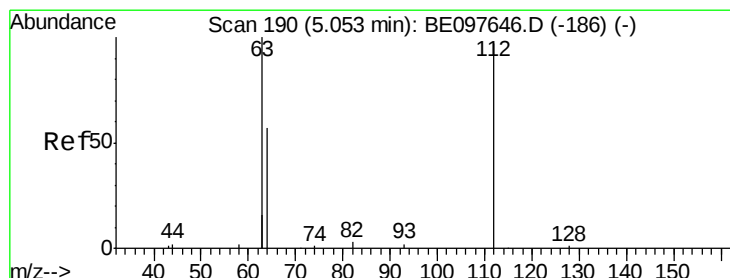
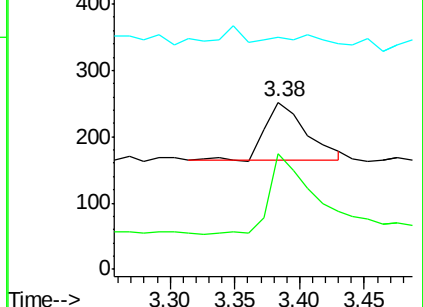
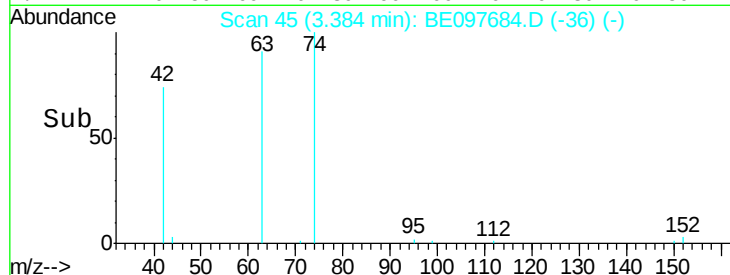


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

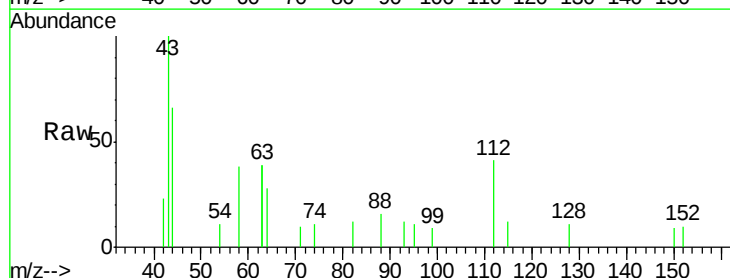
Tgt Ion: 112 Resp: 509

Ion Ratio Lower Upper

112 100

64 69.2 60.1 90.1

63 141.3 116.8 175.2

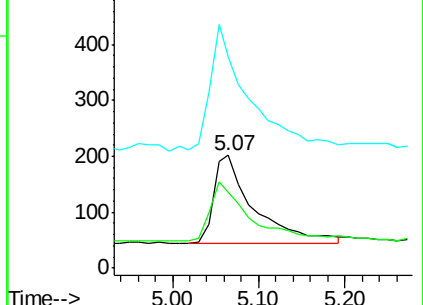
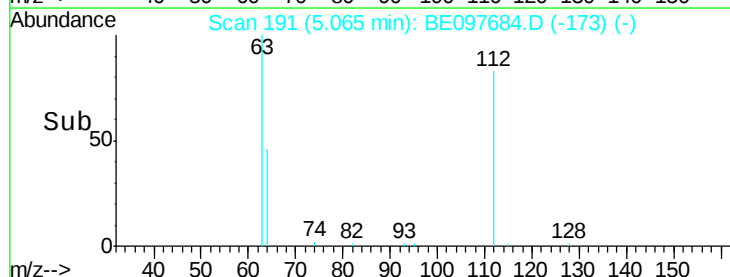


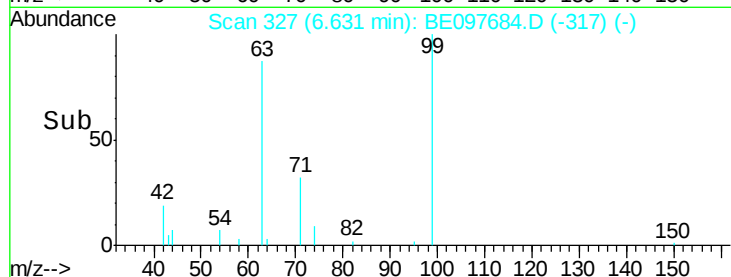
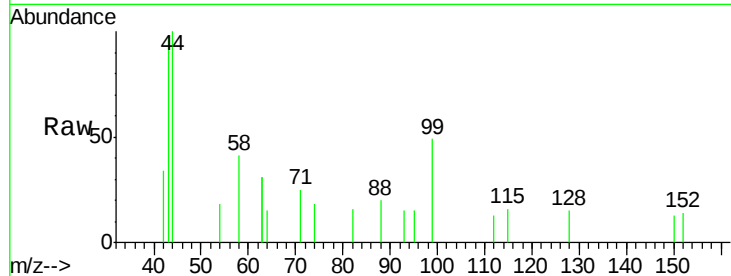
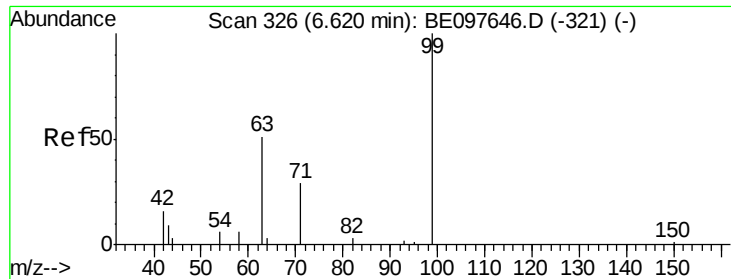
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

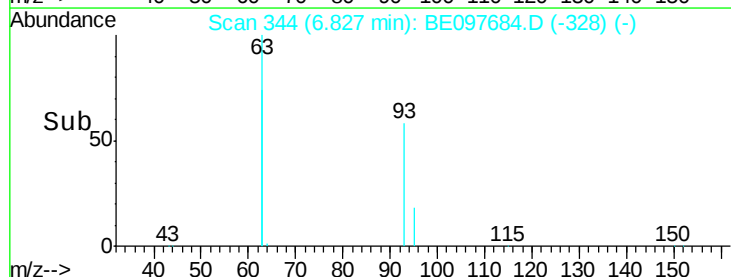
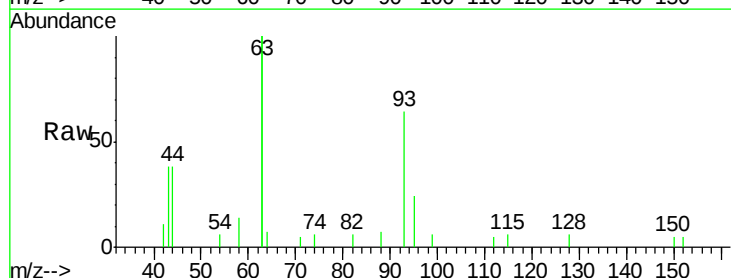
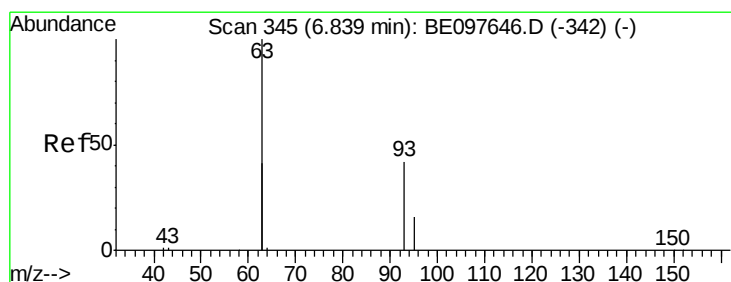
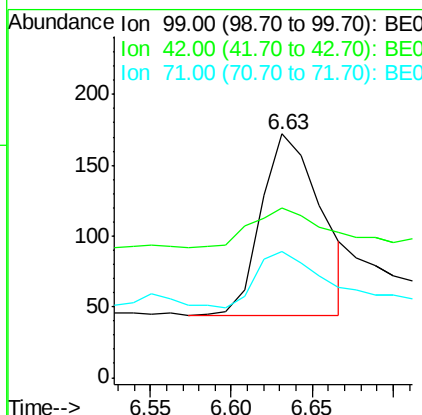




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.63 min Scan# 327
Delta R.T. 0.01 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

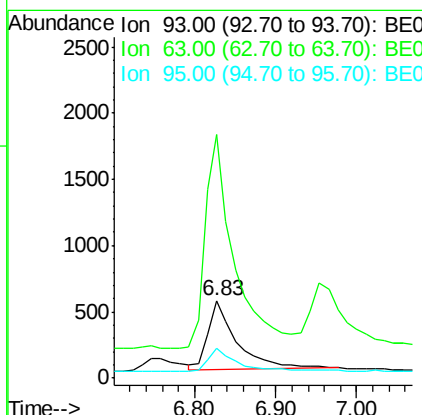
Instrument :
BNA_E
ClientSampled :

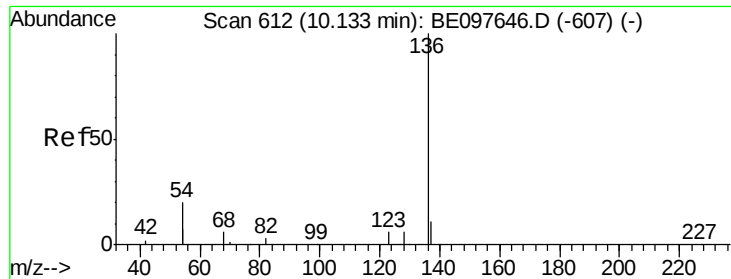
Tot Ion: 99 Resp: 330
Ion Ratio Lower Upper
99 100
42 23.9 20.2 30.2
71 32.1 28.4 42.6



#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

Tgt Ion: 93 Resp: 1276
Ion Ratio Lower Upper
93 100
63 315.5 275.3 412.9
95 33.5 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3988

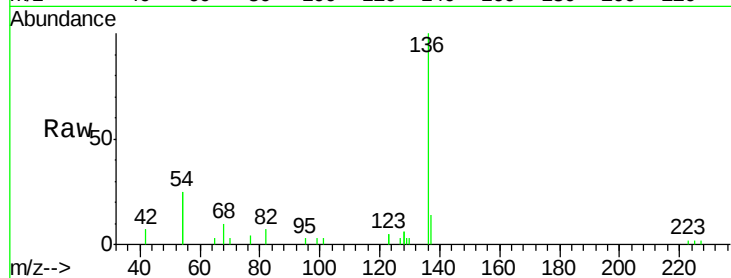
Ion Ratio Lower Upper

136 100

137 13.8 9.5 14.3

54 50.4 29.1 43.7#

68 10.4 6.2 9.2#

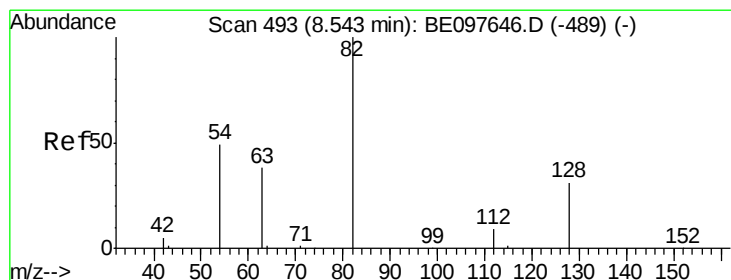
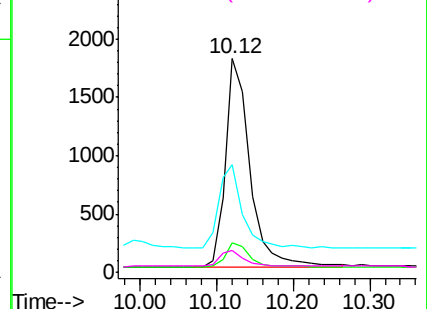
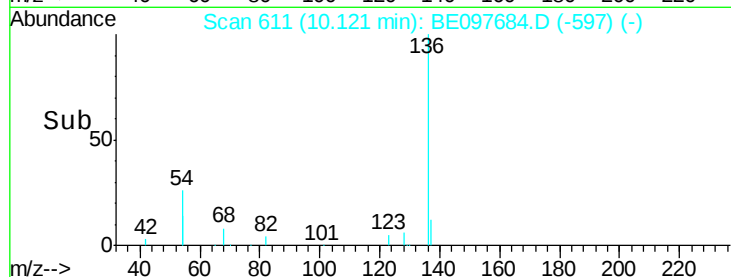


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.57 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

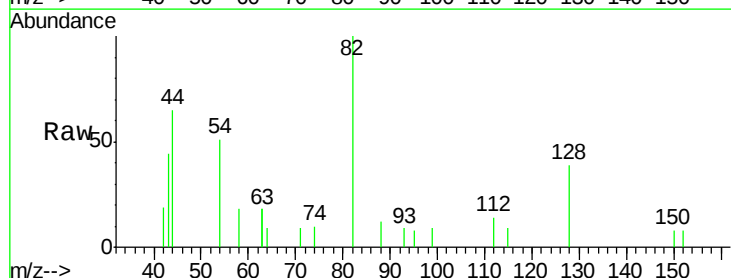
Tgt Ion: 82 Resp: 1472

Ion Ratio Lower Upper

82 100

128 39.0 24.0 36.0#

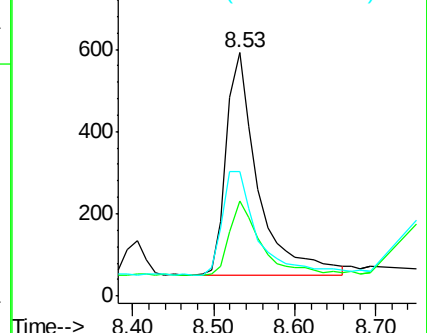
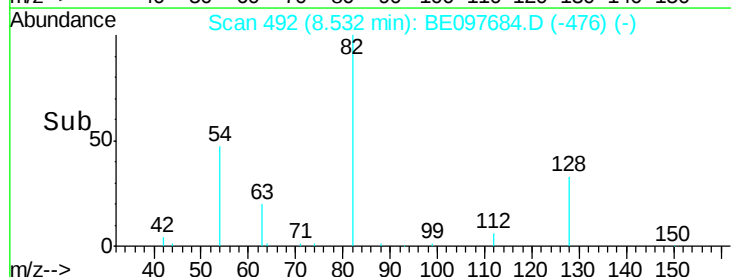
54 51.4 40.0 60.0

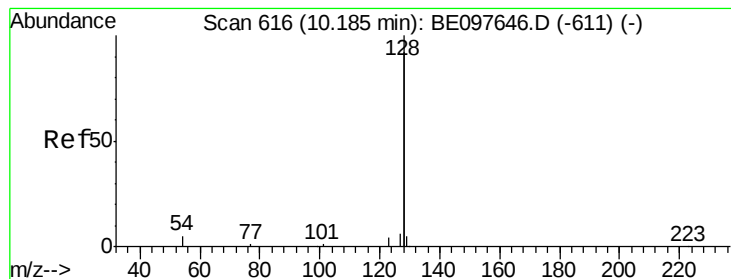


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.51 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

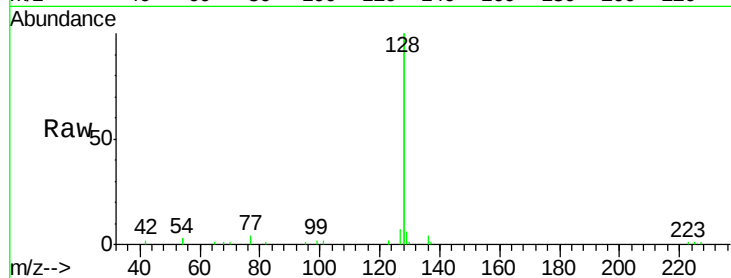
Tot Ion:128 Resp: 18644

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

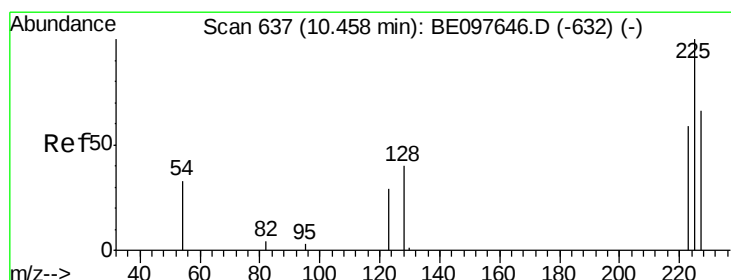
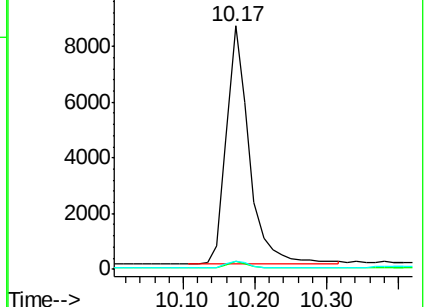
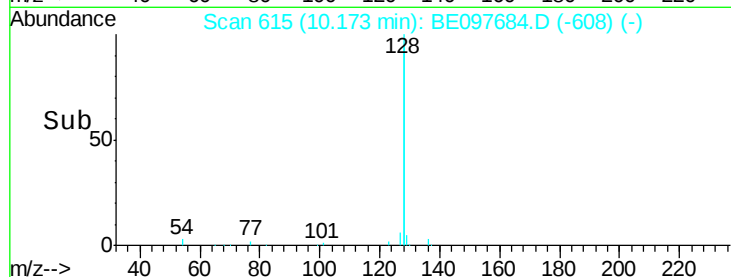
127 3.5 2.8 4.2



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: 0.43 ng

RT: 10.45 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

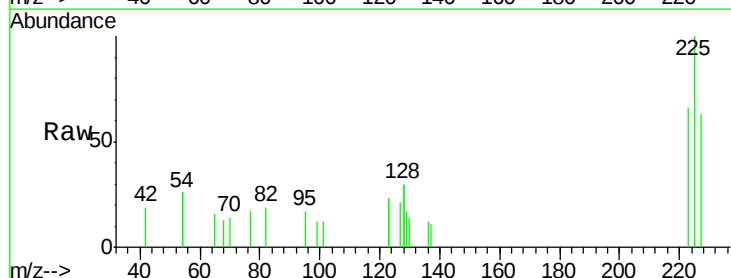
Tgt Ion:225 Resp: 708

Ion Ratio Lower Upper

225 100

223 60.9 53.0 79.6

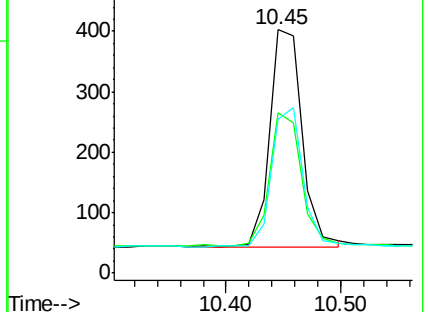
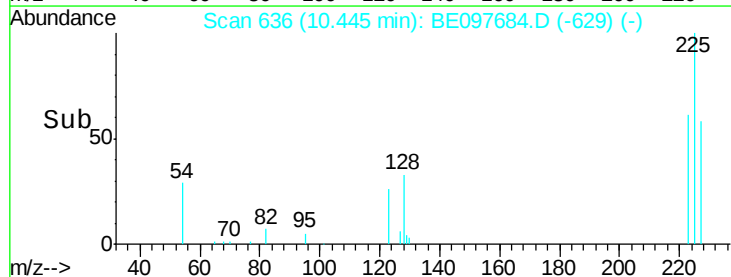
227 61.9 51.4 77.2

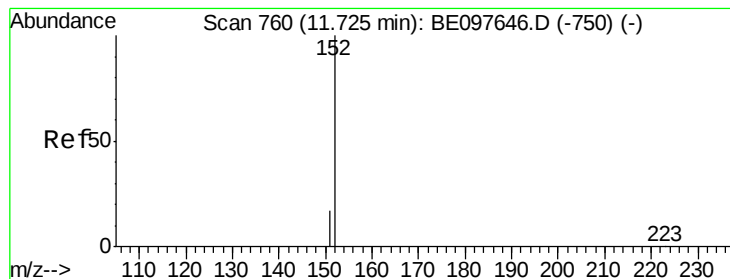


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.52 ng

RT: 11.71 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

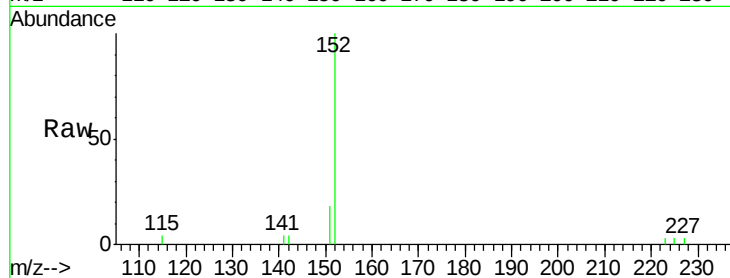
ClientSampled :

Tot Ion:152 Resp: 3094

Ion Ratio Lower Upper

152 100

151 15.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

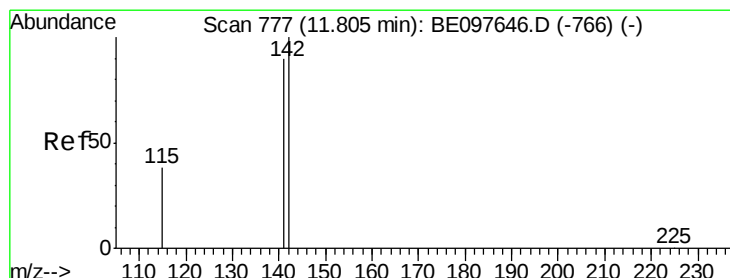
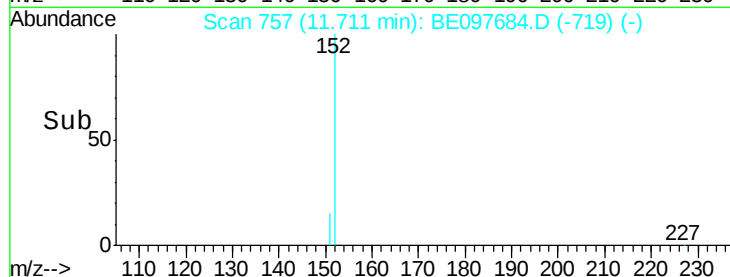
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.50 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

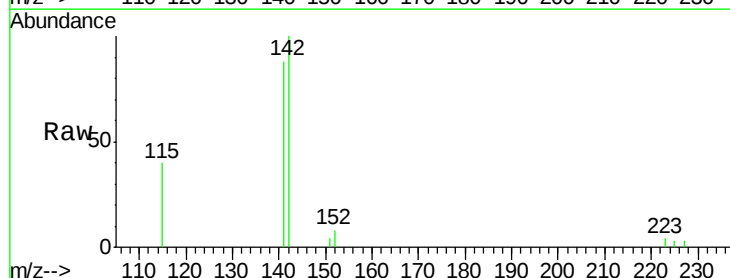
Tgt Ion:142 Resp: 2887

Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

115 39.8 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

11.79

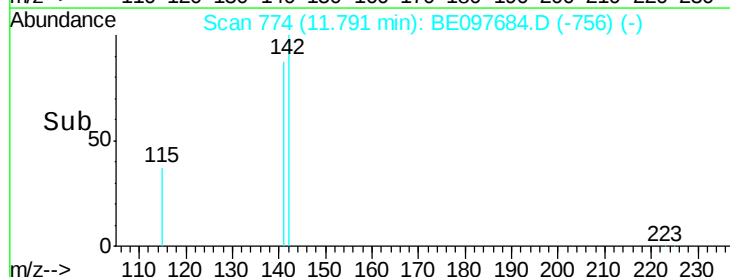
1500

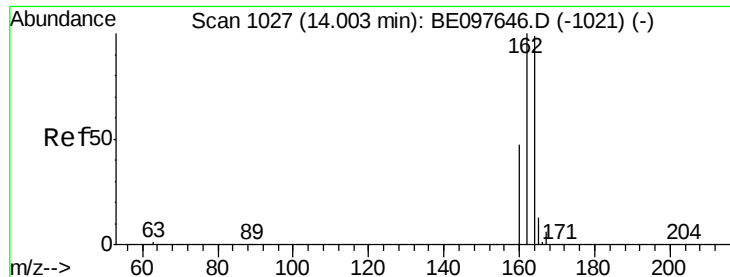
1000

500

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

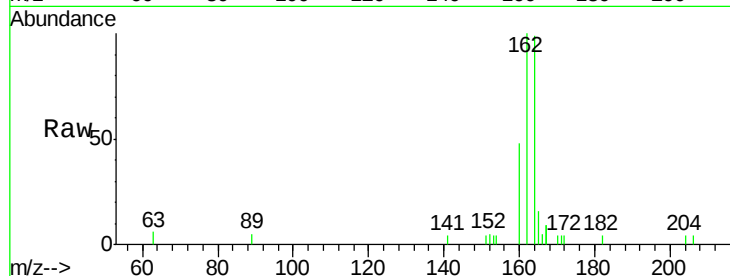
Tot Ion:164 Resp: 2215

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

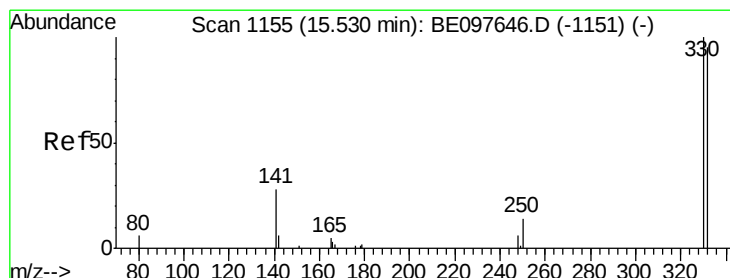
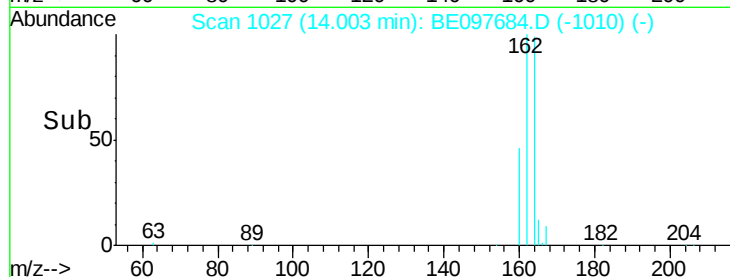
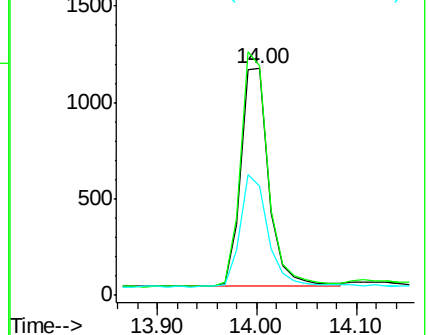
160 48.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.65 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

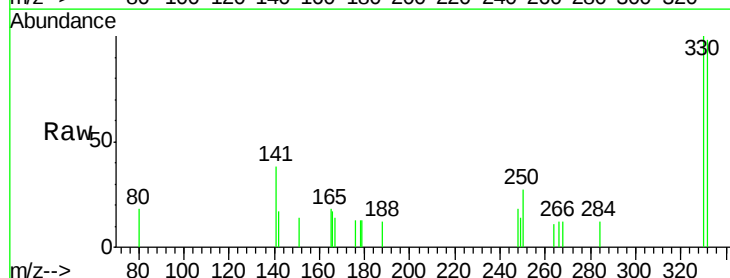
Tgt Ion:330 Resp: 623

Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

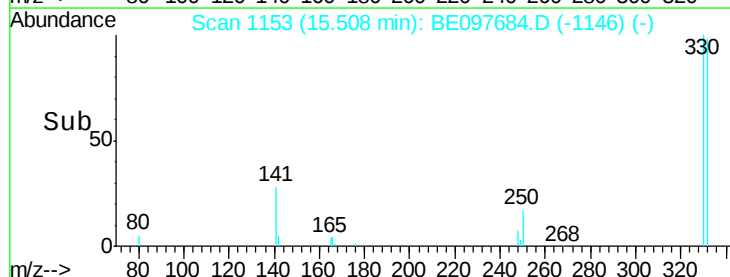
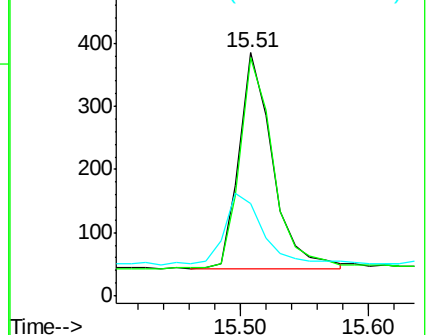
141 35.6 33.7 50.5

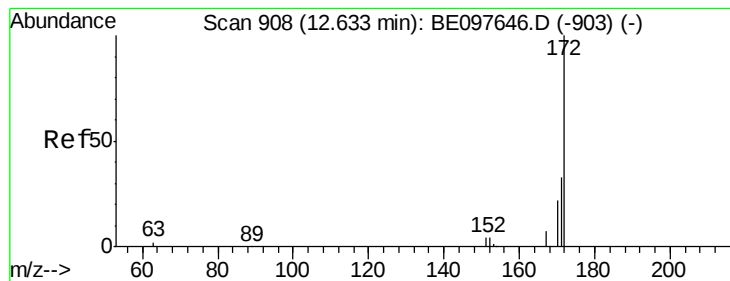


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

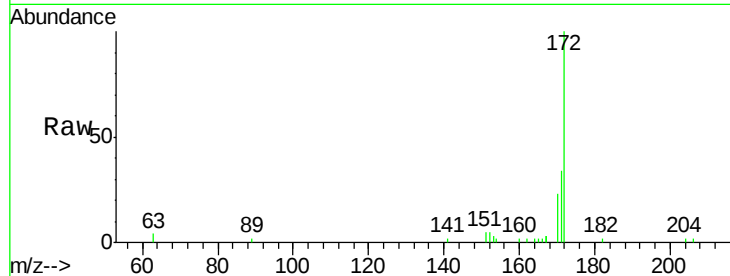




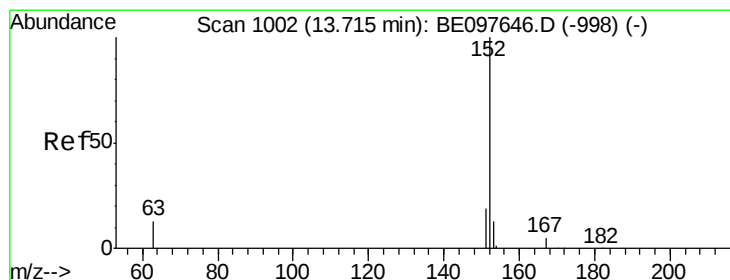
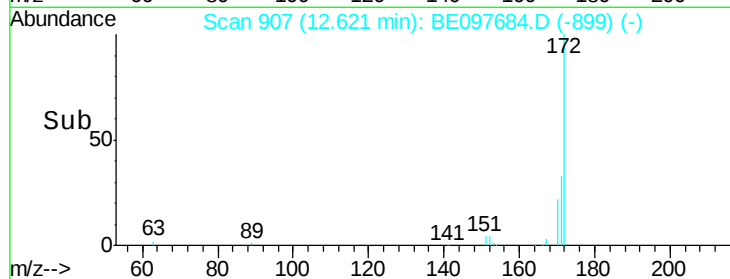
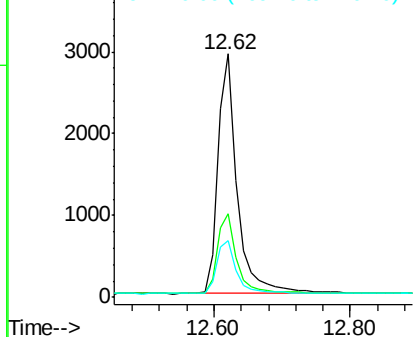
#15
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5869
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 23.4 21.8 32.8

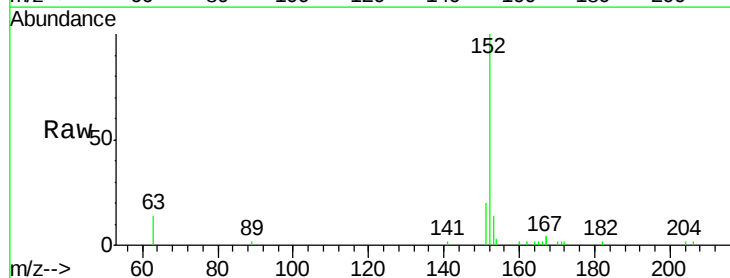


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

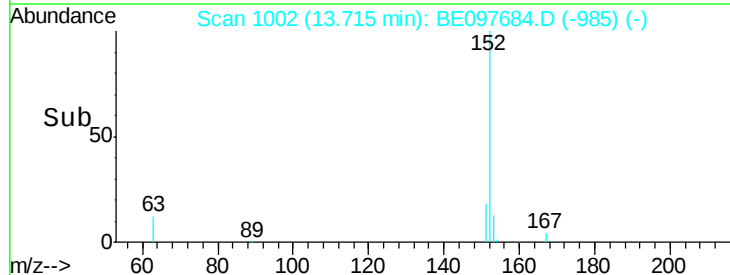
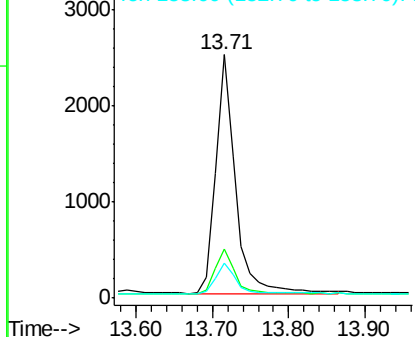


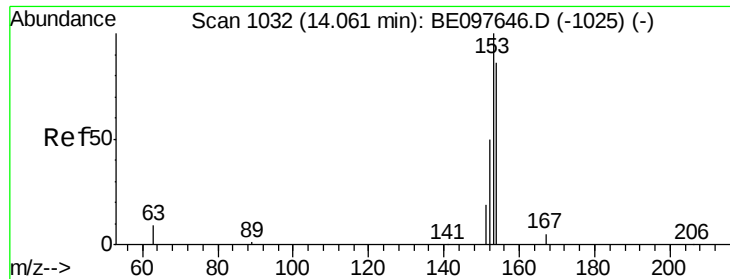
#16
Acenaphthylene
Concen: 0.50 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097684.D
Acq: 26 Sep 2018 12:13

Tgt Ion:152 Resp: 4464
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.50 ng

RT: 14.06 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampled :

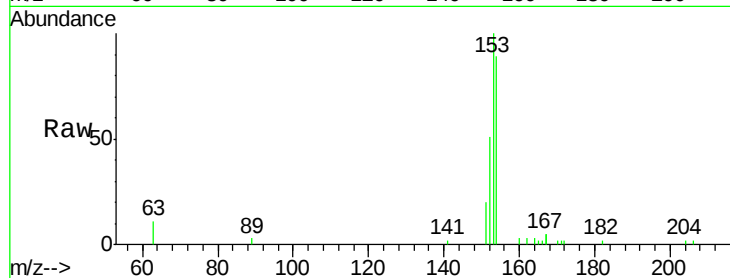
Tot Ion:154 Resp: 2913

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

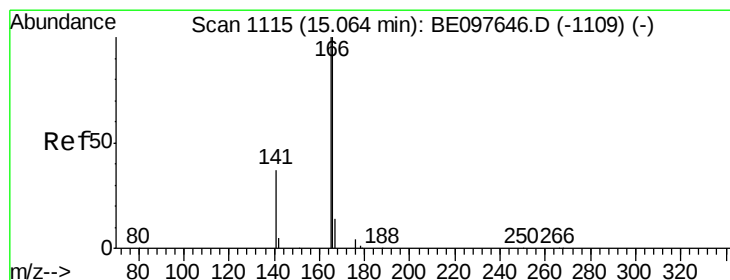
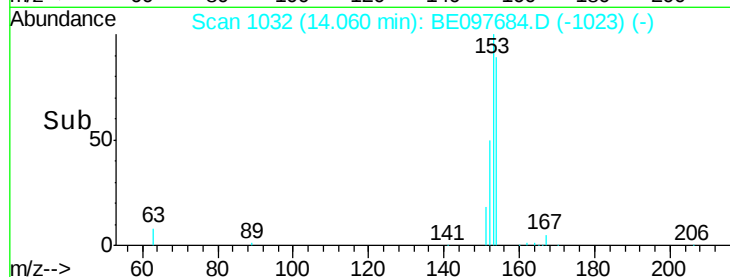
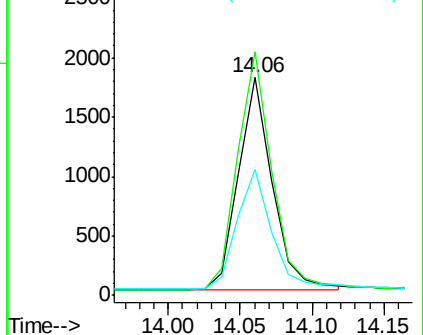
152 57.8 42.0 63.0



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: 0.51 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

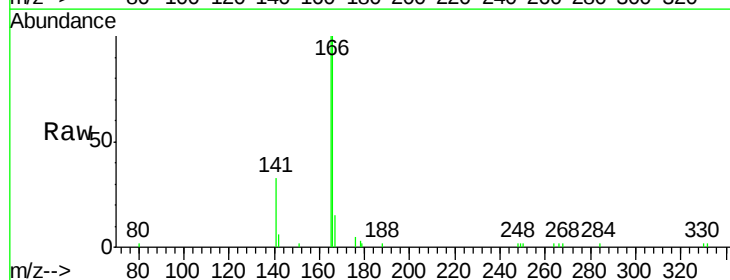
Tgt Ion:166 Resp: 4166

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

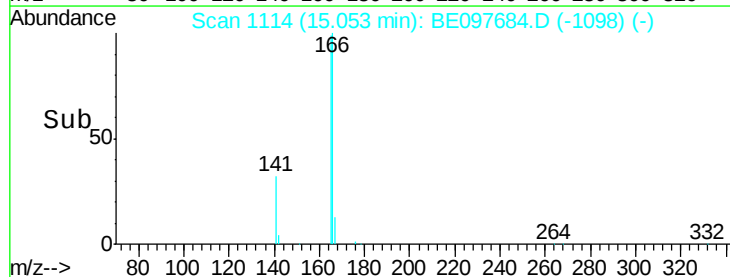
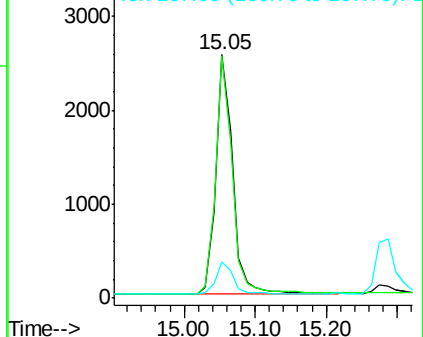
167 13.4 42.4 63.6#

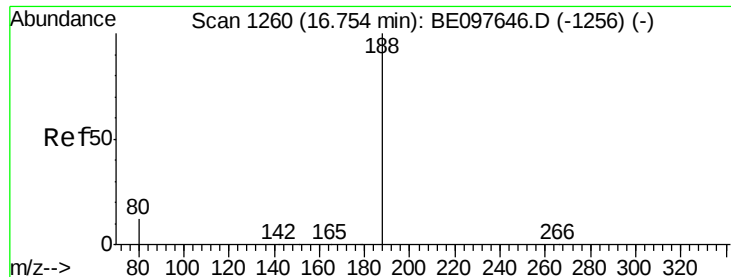


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.75 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

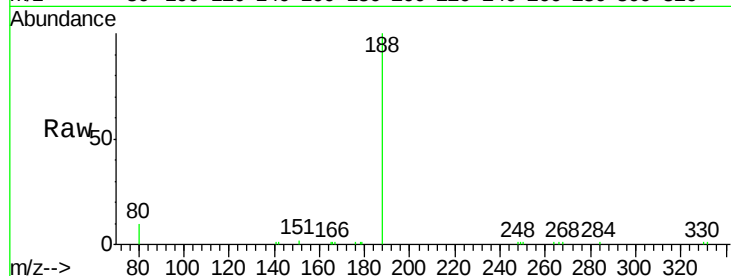
Tot Ion:188 Resp: 6379

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

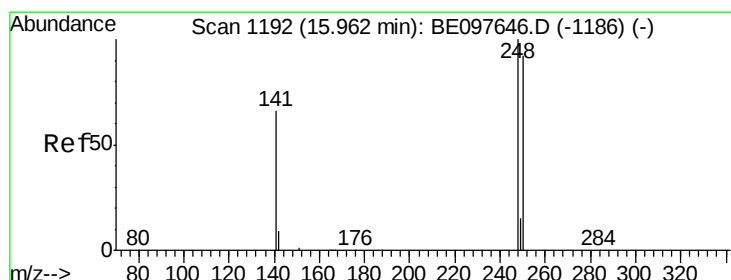
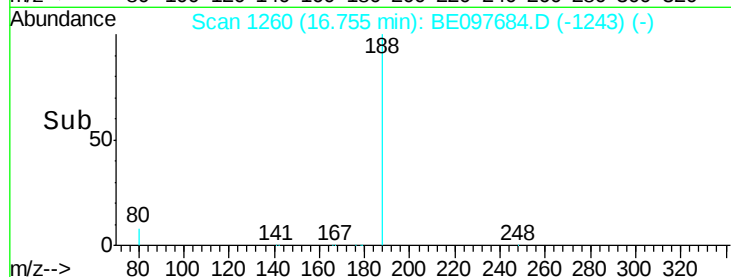
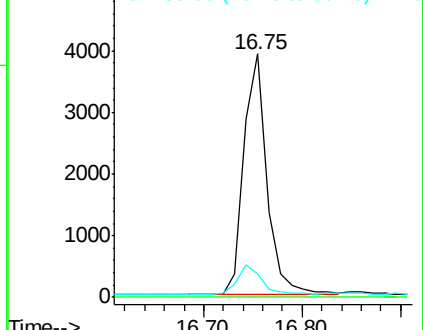
80 9.6 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.48 ng

RT: 15.95 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

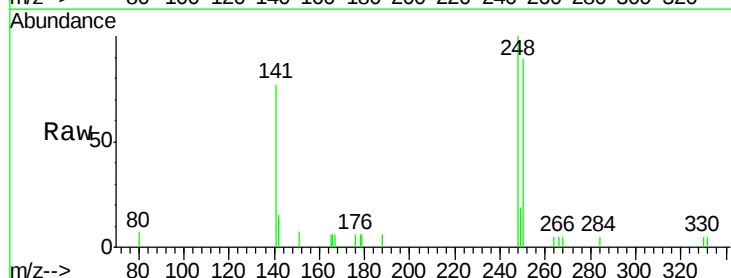
Tgt Ion:248 Resp: 1361

Ion Ratio Lower Upper

248 100

250 89.0 62.7 94.1

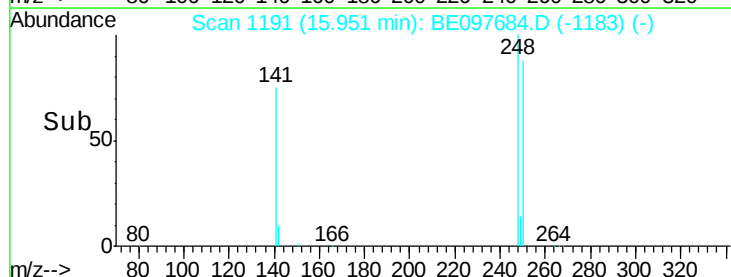
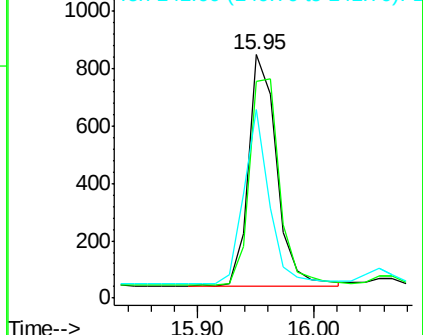
141 77.5 48.2 72.2#

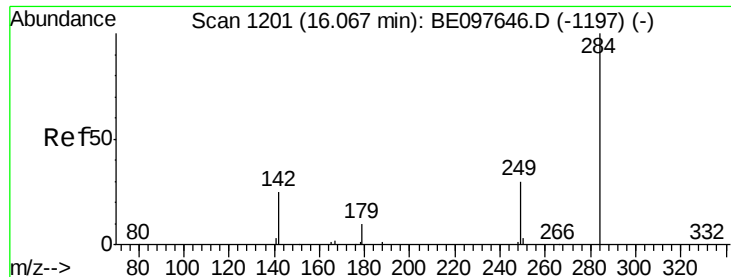


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.45 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

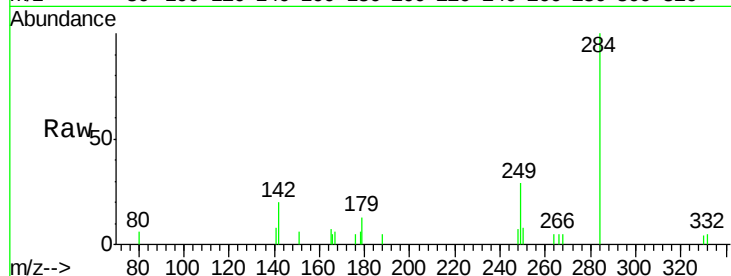
Tot Ion:284 Resp: 1473

Ion Ratio Lower Upper

284 100

142 31.8 22.1 33.1

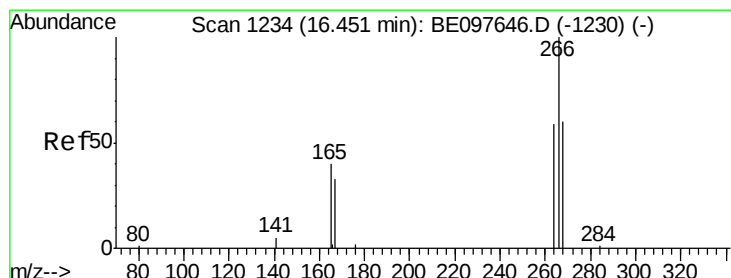
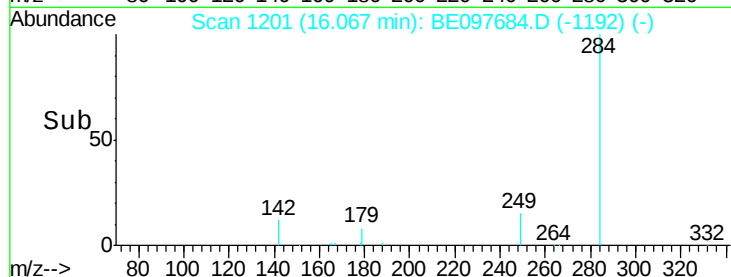
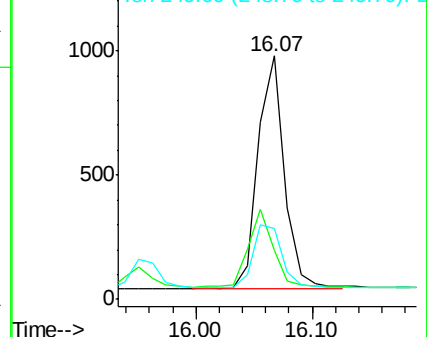
249 29.8 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.31 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

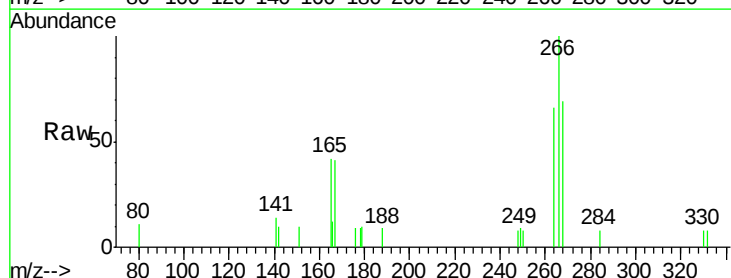
Tgt Ion:266 Resp: 1068

Ion Ratio Lower Upper

266 100

264 65.9 72.5 108.7#

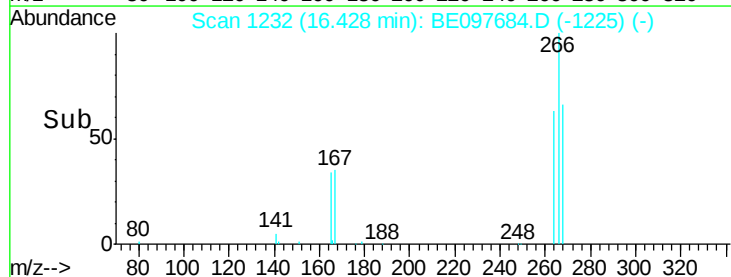
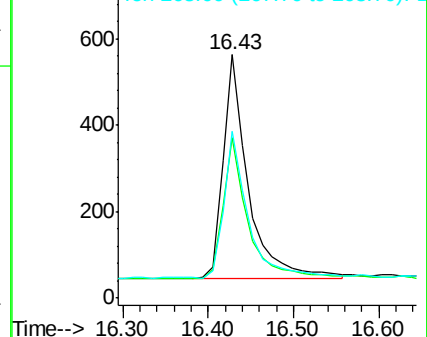
268 68.7 73.8 110.6#

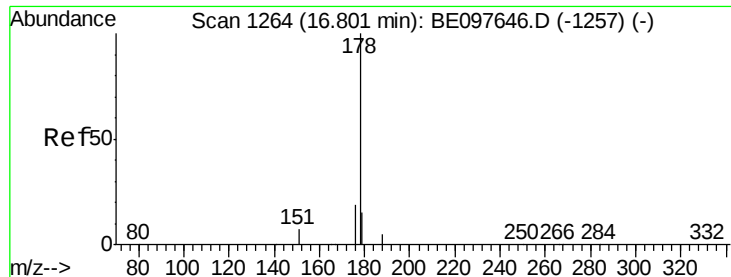


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.53 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

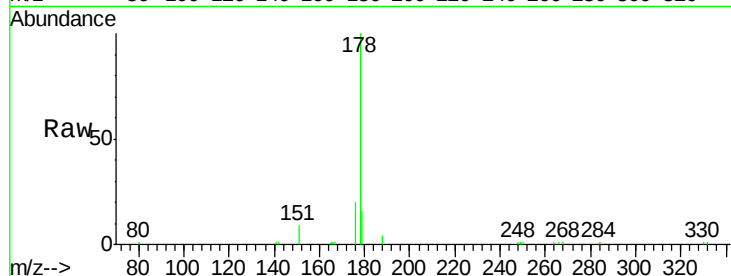
Tot Ion:178 Resp: 7931

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

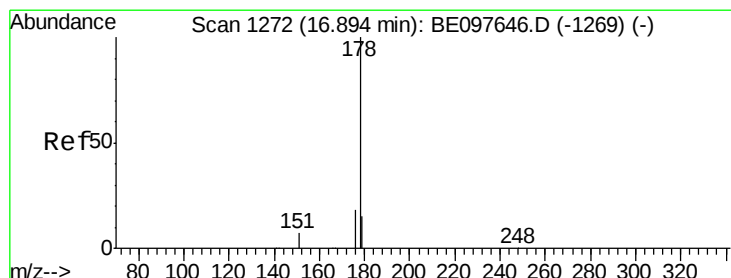
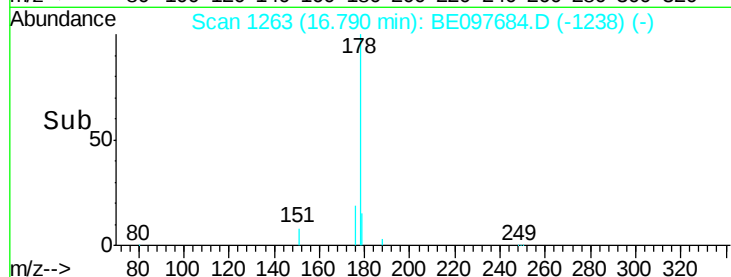
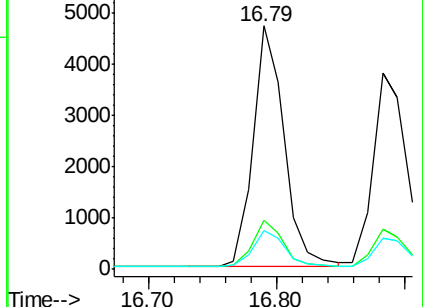
179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.56 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

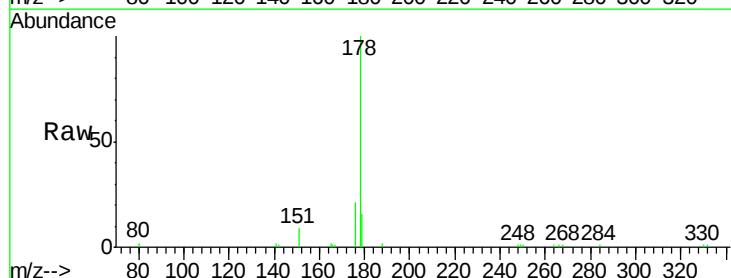
Tgt Ion:178 Resp: 7009

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

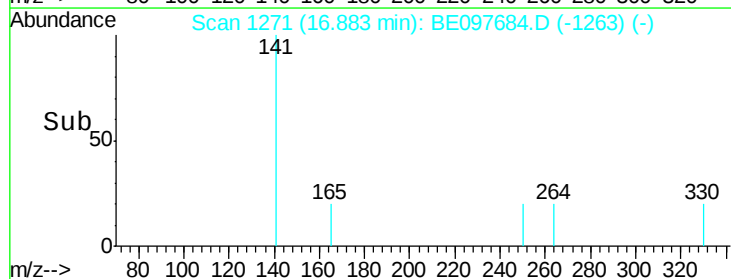
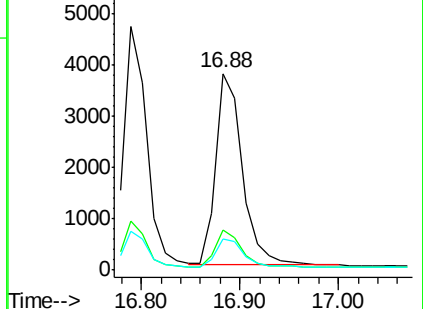
179 14.9 13.0 19.6

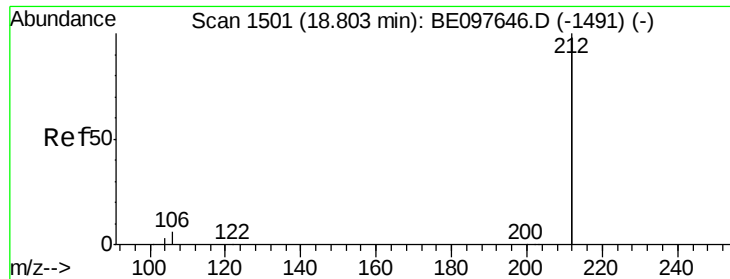


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.54 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

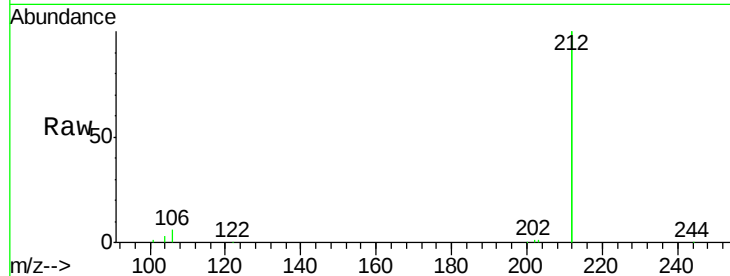
Tot Ion:212 Resp: 37255

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

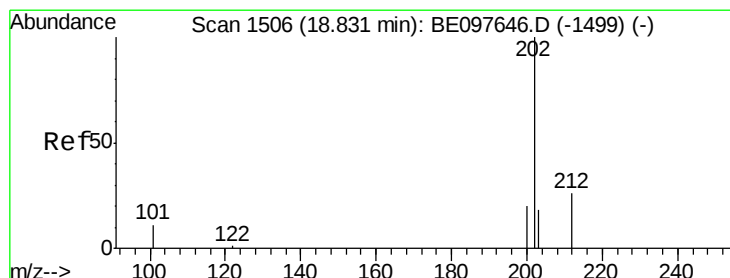
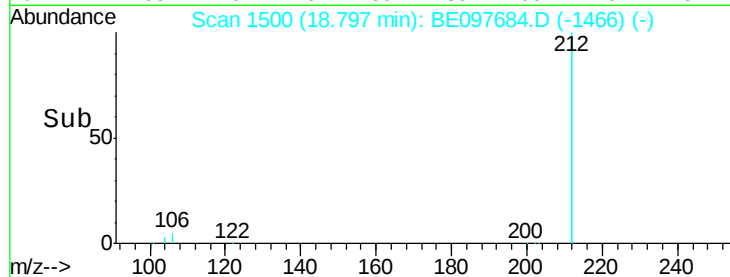
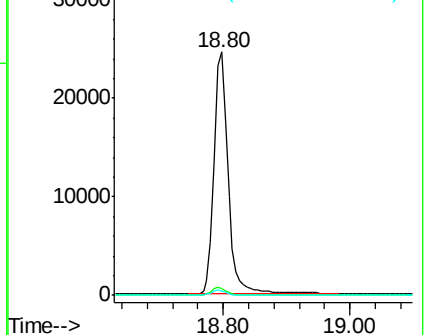
104 1.8 1.6 2.4



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: 0.60 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

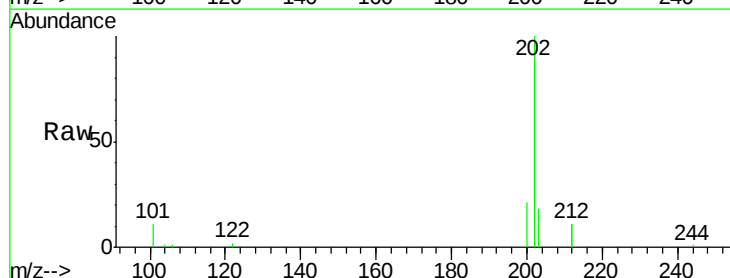
Tgt Ion:202 Resp: 10841

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

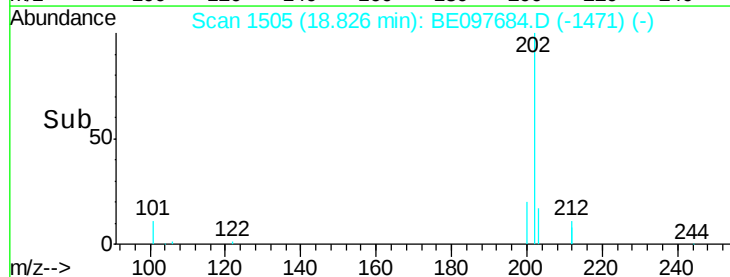
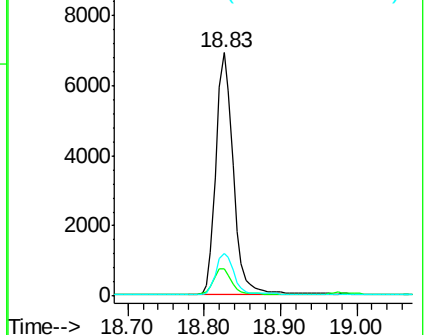
203 17.1 13.7 20.5

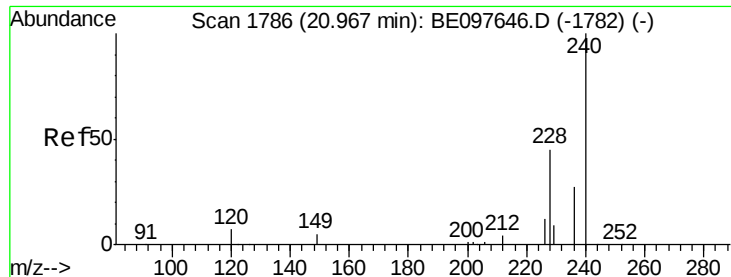


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

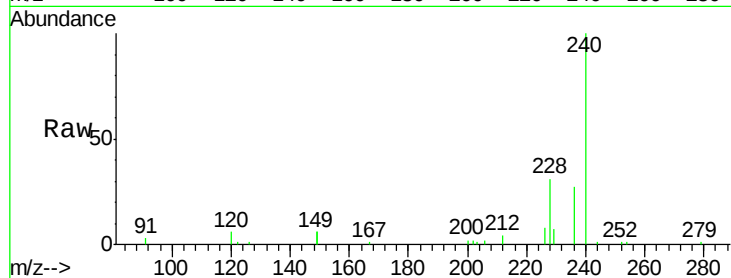
Tot Ion:240 Resp: 9336

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

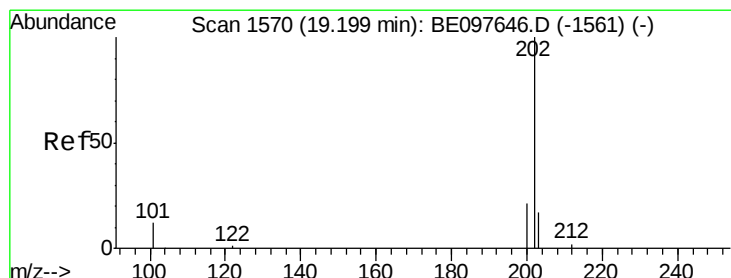
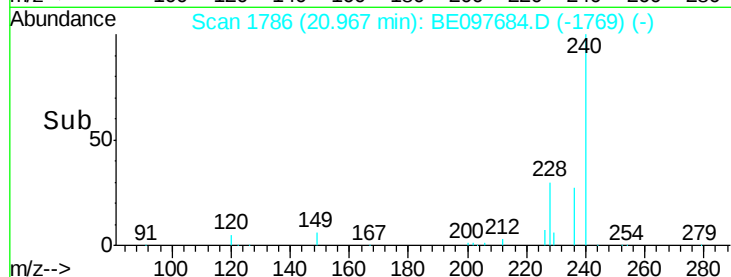
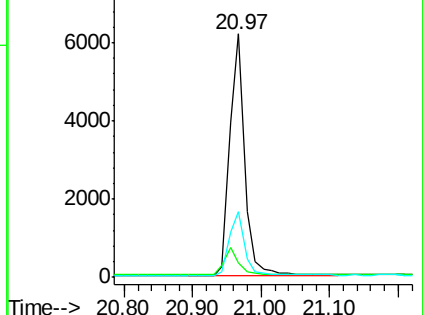
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.46 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

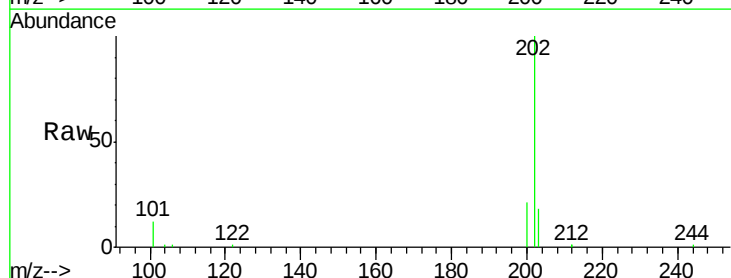
Tgt Ion:202 Resp: 11249

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

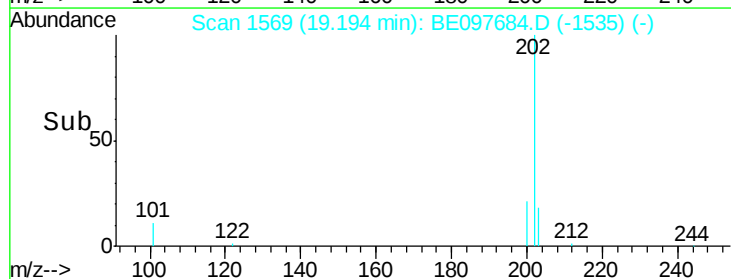
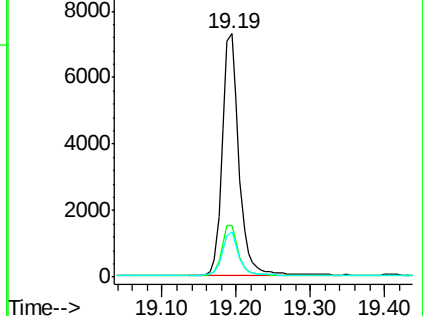
203 17.8 13.8 20.8

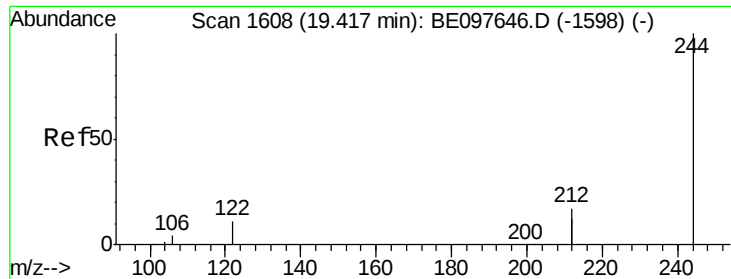


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.72 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampled :

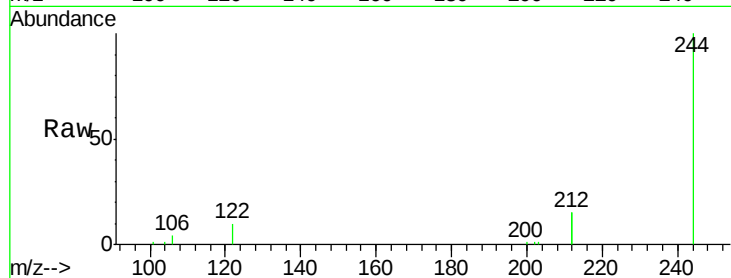
Tot Ion:244 Resp: 13245

Ion Ratio Lower Upper

244 100

212 30.5 25.4 38.0

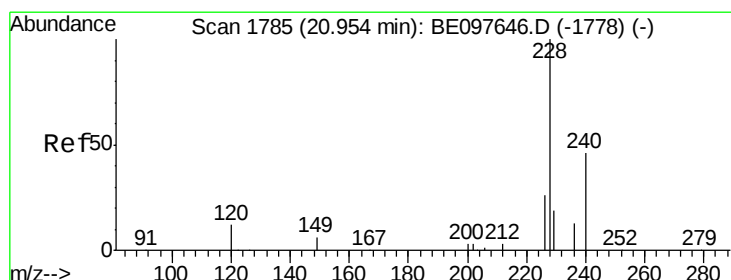
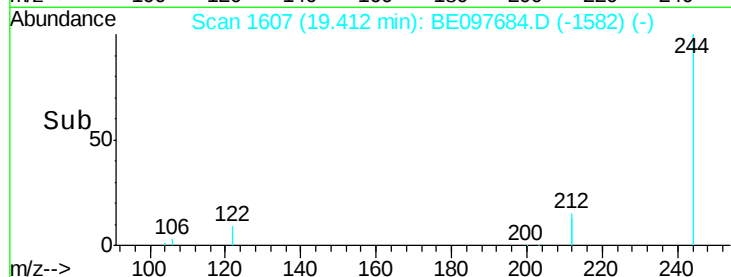
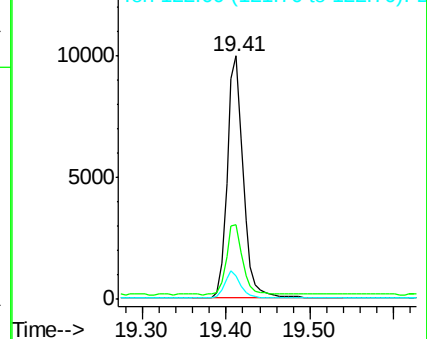
122 9.7 8.1 12.1



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: 0.57 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

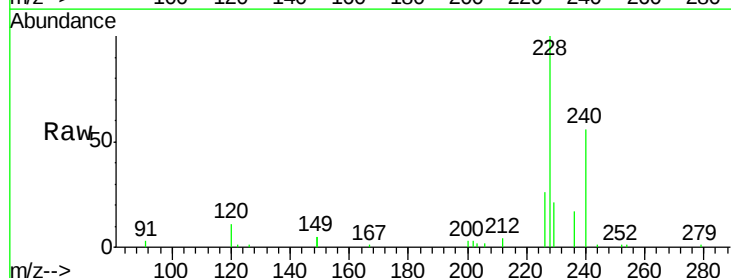
Tgt Ion:228 Resp: 12555

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

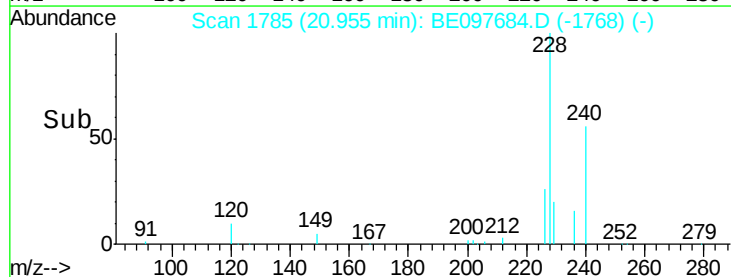
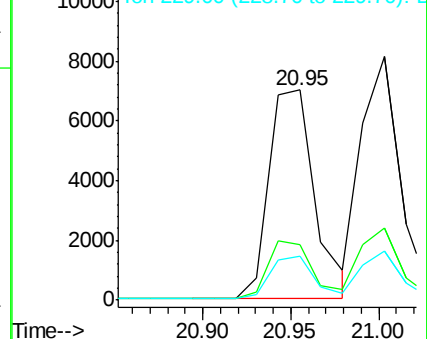
229 20.9 16.0 24.0

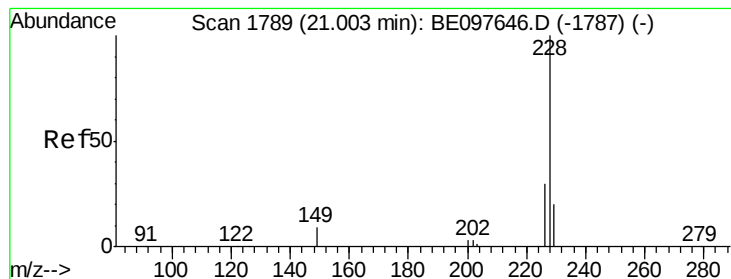


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrvsene

Concen: 0.48 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

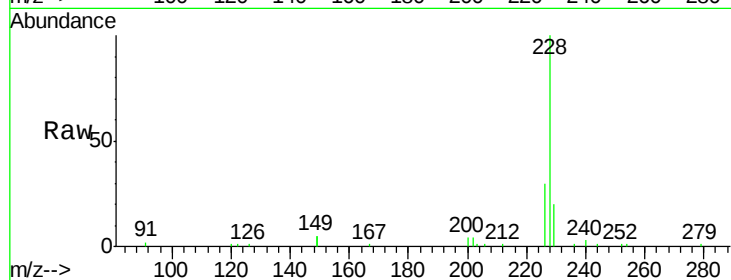
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 12469

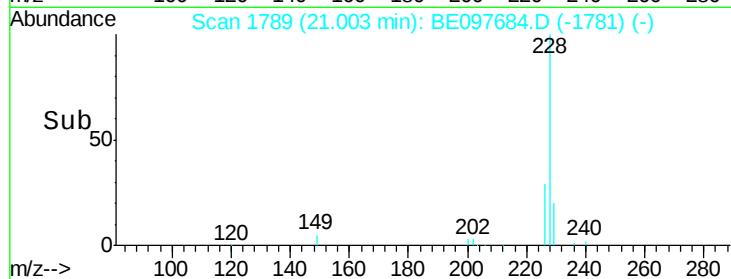
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.3	16.0	24.0



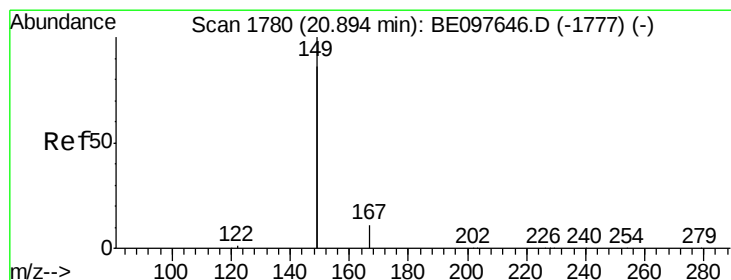
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng

RT: 20.89 min Scan# 1780

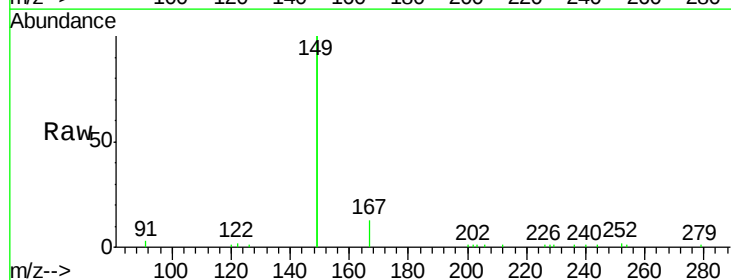
Delta R.T. 0.00 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Tgt Ion:149 Resp: 18823

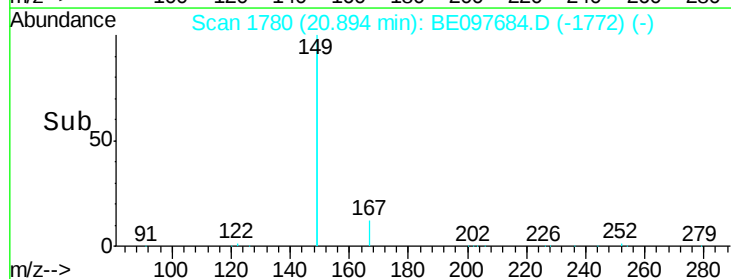
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



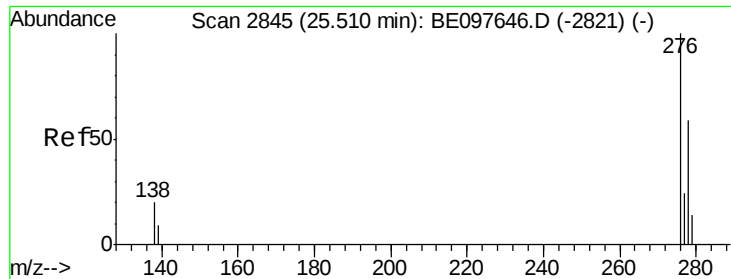
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



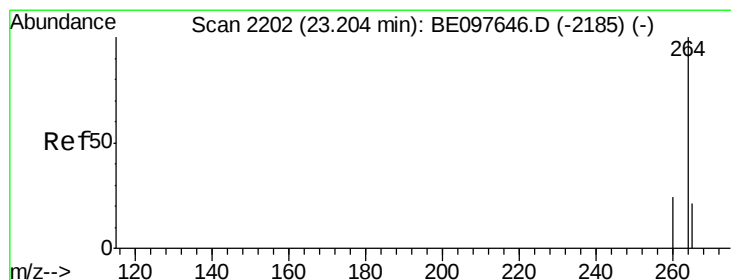
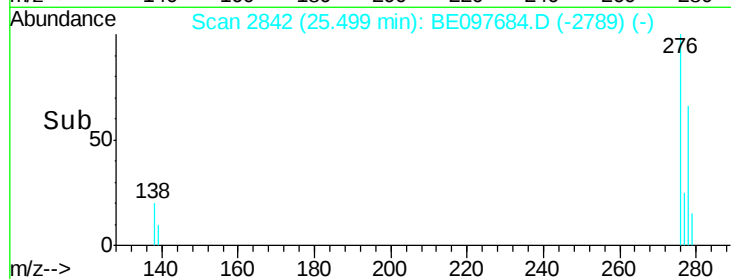
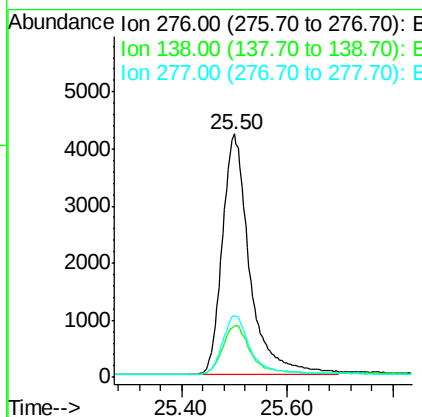
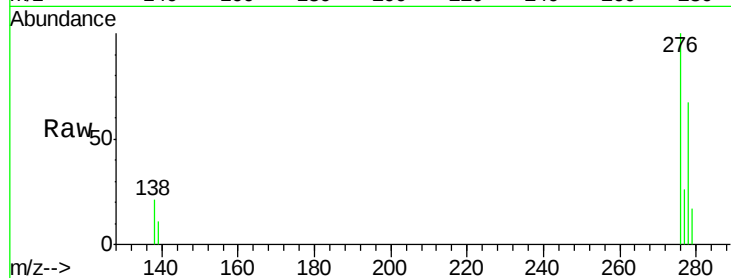
Time-->



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.56 ng
 RT: 25.50 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BE097684.D
 Acq: 26 Sep 2018 12:13

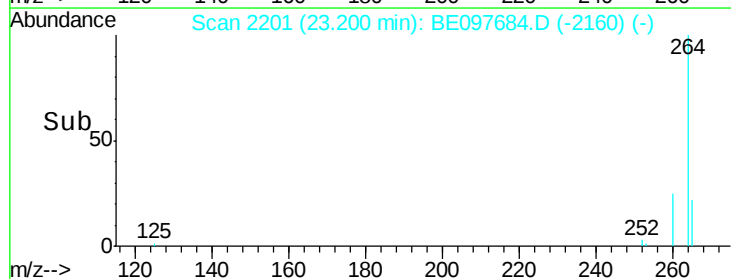
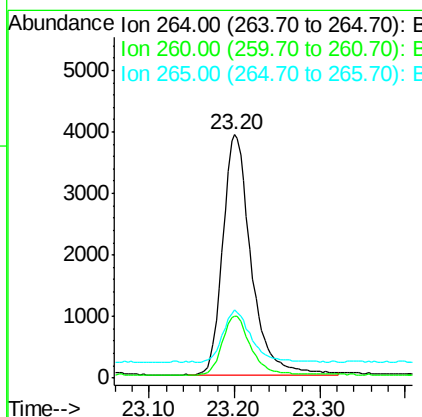
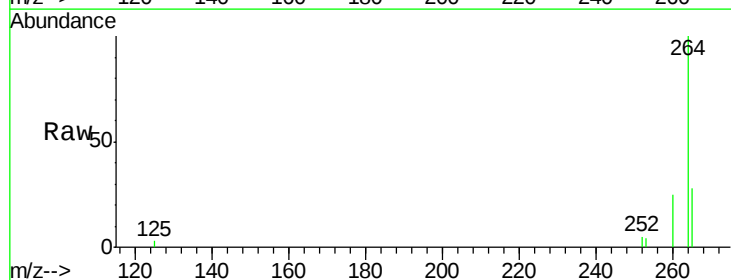
Instrument :
 BNA_E
 ClientSampleId :

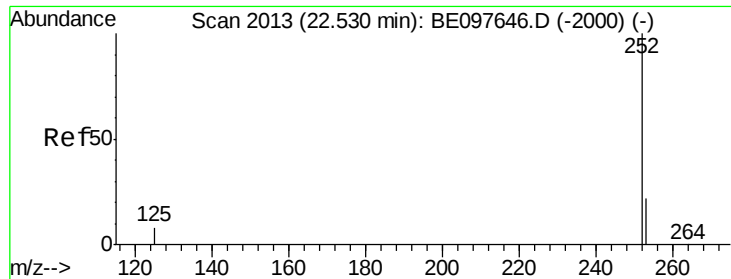
Tot Ion:276 Resp: 15163
 Ion Ratio Lower Upper
 276 100
 138 21.0 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097684.D
 Acq: 26 Sep 2018 12:13

Tgt Ion:264 Resp: 9001
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 28.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.53 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097684.D

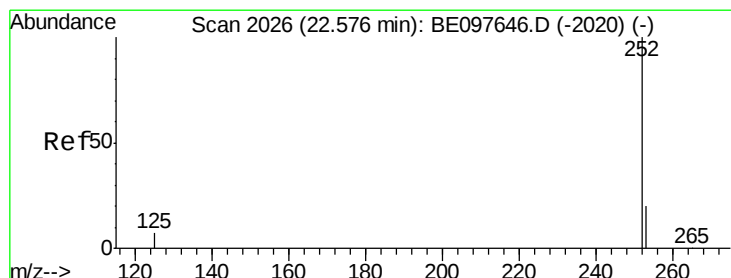
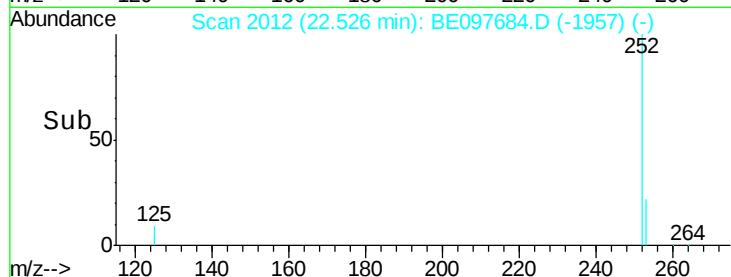
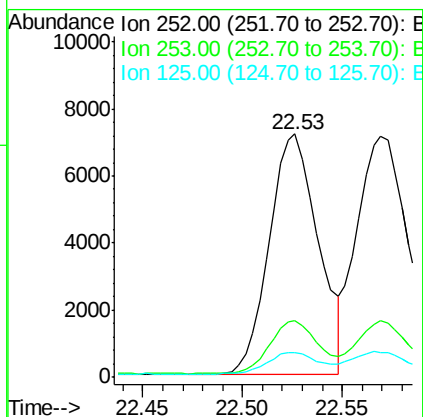
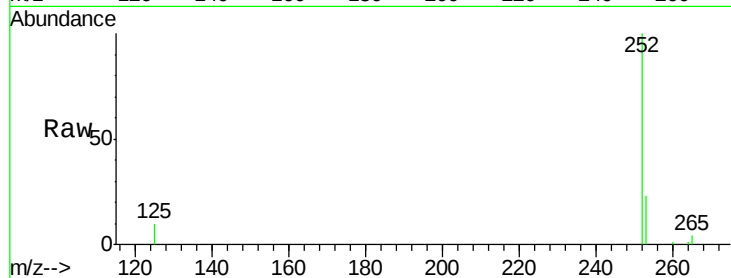
Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	12277
Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	10.1	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.51 ng

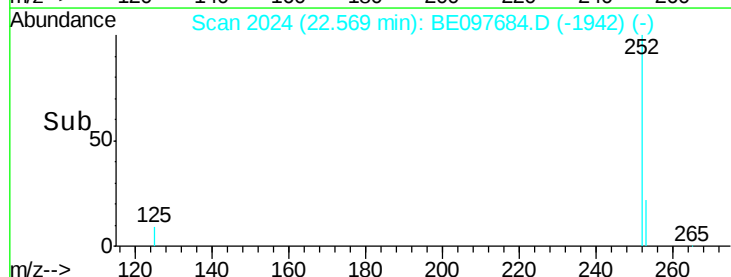
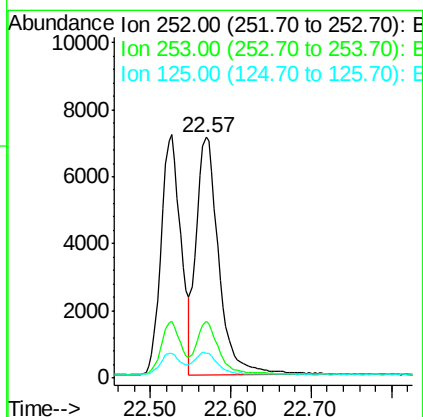
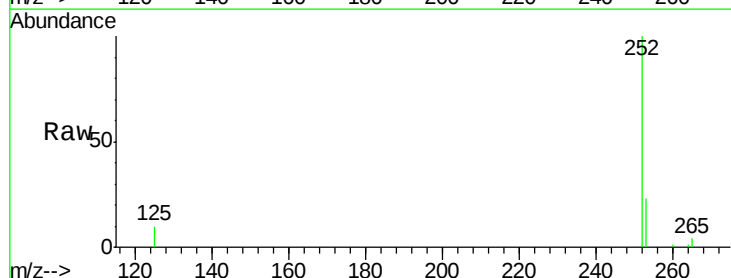
RT: 22.57 min Scan# 2024

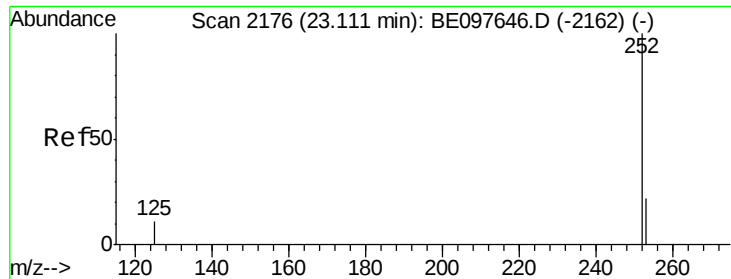
Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Tgt Ion:	252	Resp:	13868
Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	10.4	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.53 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :

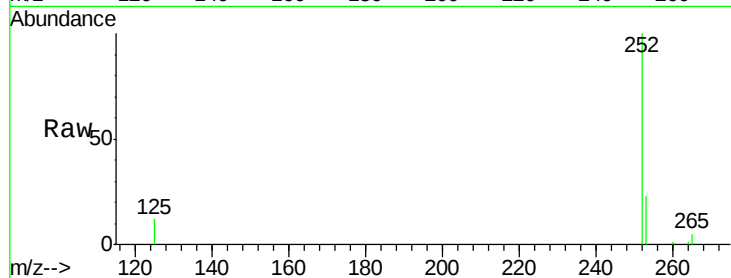
Tot Ion:252 Resp: 12080

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

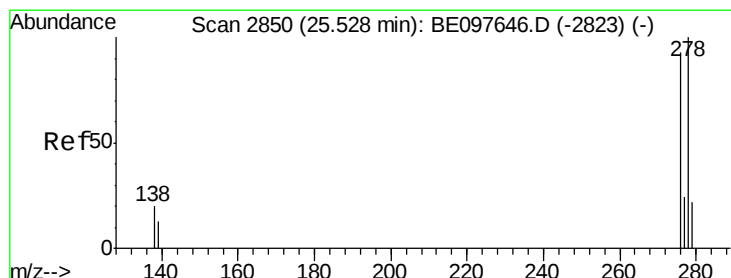
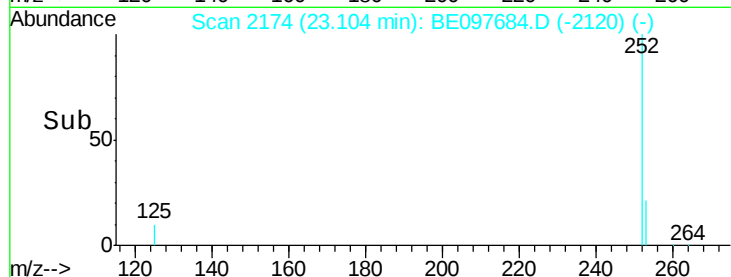
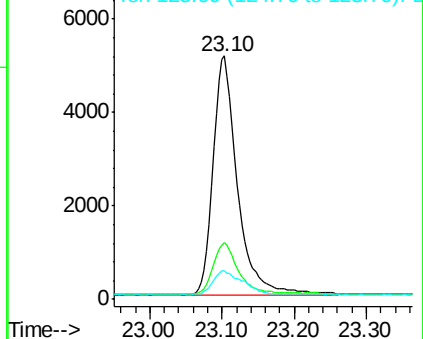
125 11.7 12.0 18.0#



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: 0.52 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

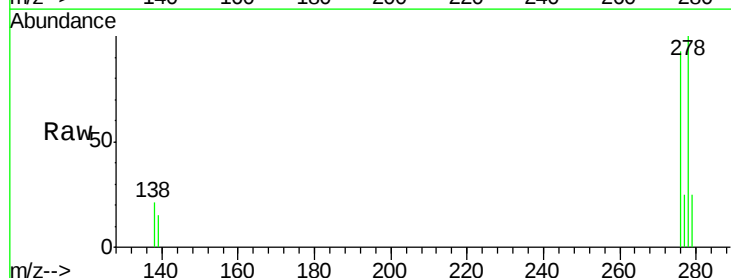
Tgt Ion:278 Resp: 12400

Ion Ratio Lower Upper

278 100

139 14.7 16.0 24.0#

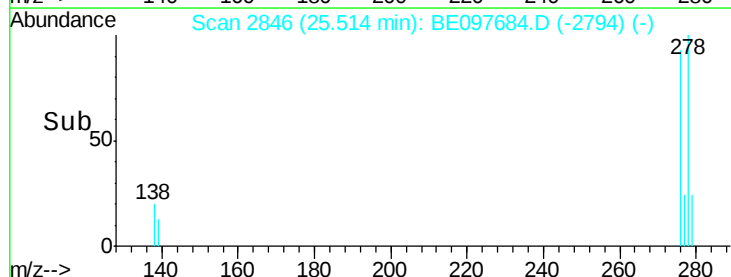
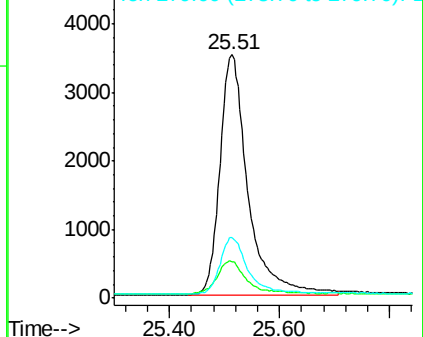
279 25.0 20.0 30.0

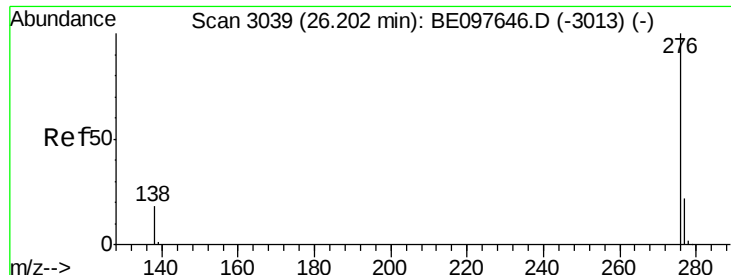


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.52 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.00 min

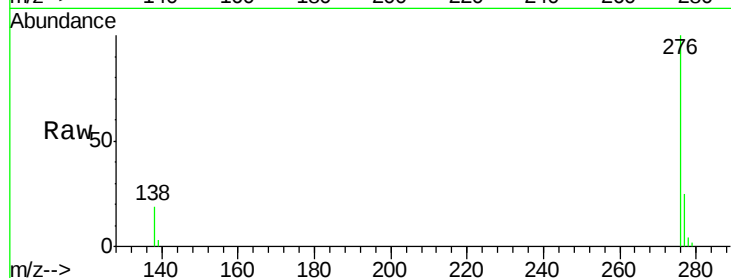
Lab File: BE097684.D

Acq: 26 Sep 2018 12:13

Instrument :

BNA_E

ClientSampleId :



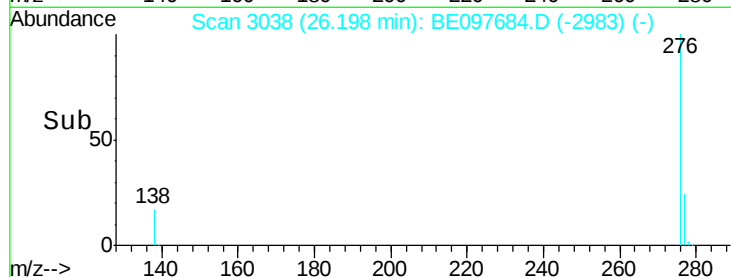
Tot Ion: 276 Resp: 12380

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 18.6 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

