

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092618\
 Data File : BE097685.D
 Acq On : 26 Sep 2018 12:52
 Operator : SJ/JU
 Sample : J4963-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 15:29:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	907	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	3949	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2190	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6119	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8999	0.40	ng	0.00
34) Perylene-d12	23.20	264	8635	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	475	0.20	ng	0.00
5) Phenol-d6	6.64	99	290	0.09	ng	0.02
8) Nitrobenzene-d5	8.53	82	1352	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2808	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	501	0.54	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5254	0.74	ng	-0.01
25) Fluoranthene-d10	18.80	212	35075	0.53	ng	0.00
29) Terphenyl-d14	19.41	244	9429	0.53	ng	0.00

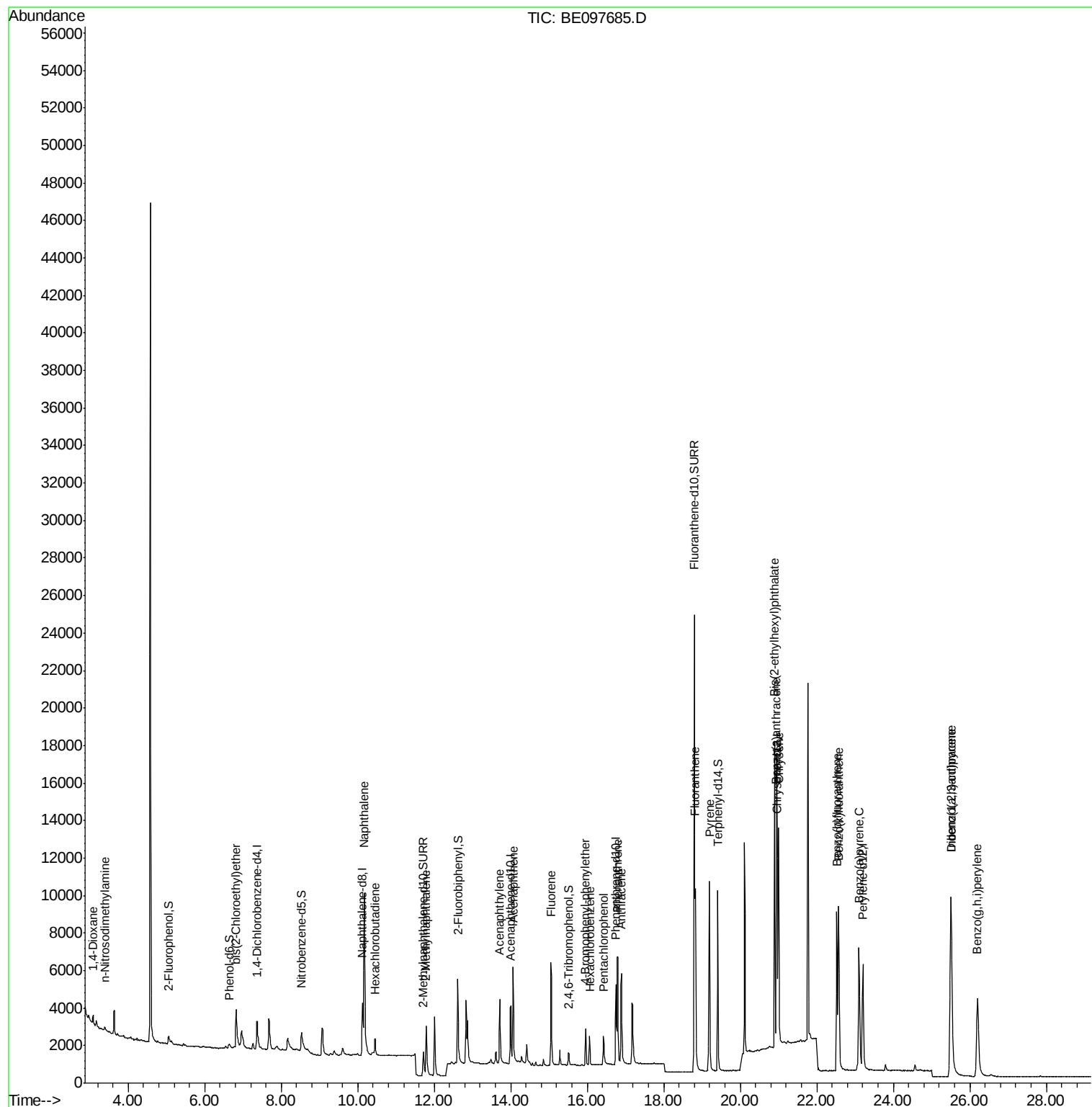
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	252	0.14	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	204	0.24	ng	# 79
6) bis(2-Chloroethyl)ether	6.82	93	1192	0.42	ng	90
9) Naphthalene	10.17	128	17736	0.49	ng	100
10) Hexachlorobutadiene	10.46	225	684	0.42	ng	96
12) 2-Methylnaphthalene	11.79	142	2761	0.49	ng	99
16) Acenaphthylene	13.72	152	4207	0.48	ng	100
17) Acenaphthene	14.06	154	2776	0.48	ng	96
18) Fluorene	15.05	166	3907	0.48	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1250	0.46	ng	# 78
21) Hexachlorobenzene	16.07	284	1359	0.43	ng	# 83
22) Pentachlorophenol	16.43	266	1046	1.33	ng	# 73
23) Phenanthrene	16.80	178	7454	0.52	ng	99
24) Anthracene	16.89	178	6653	0.55	ng	96
26) Fluoranthene	18.83	202	10117	0.58	ng	99
28) Pyrene	19.19	202	10460	0.45	ng	99
30) Benzo(a)anthracene	20.94	228	11887	0.56	ng	98
31) Chrysene	21.00	228	11635	0.47	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	17548	0.72	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	14207	0.54	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	11362	0.51	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	13200	0.51	ng	94
37) Benzo(a)pyrene	23.10	252	11363	0.52	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	11642	0.51	ng	# 96
39) Benzo(g,h,i)perylene	26.20	276	11603	0.51	ng	# 89

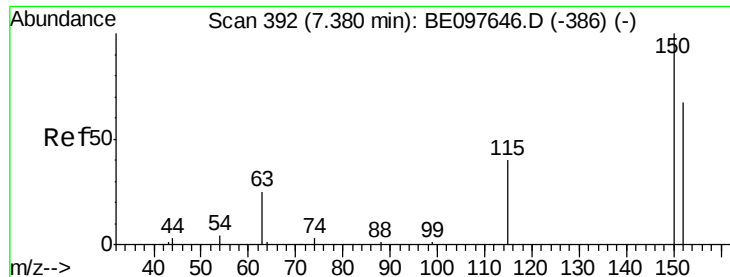
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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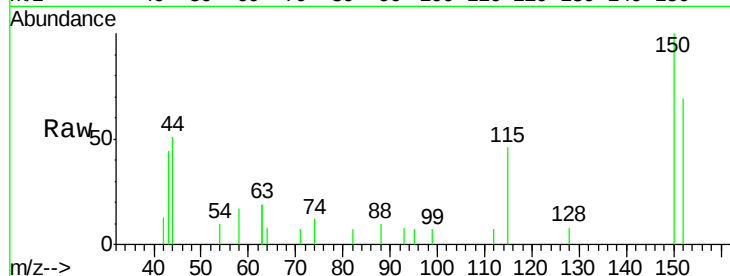


#1

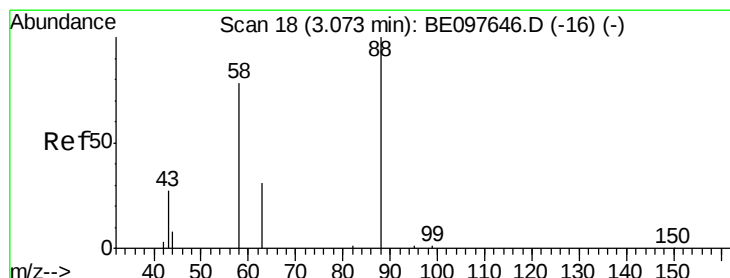
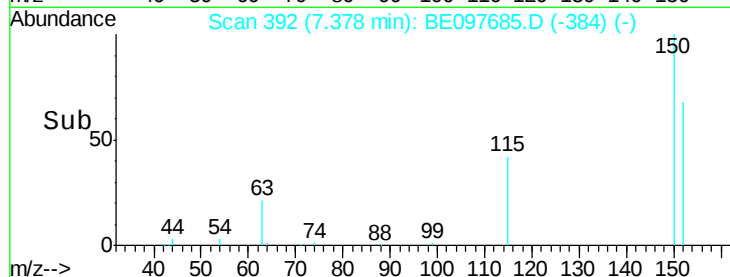
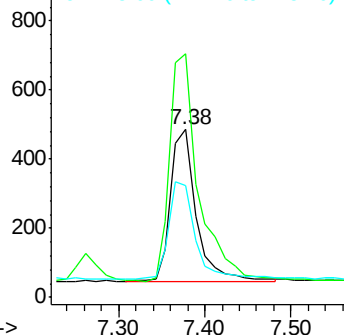
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 907
Ion Ratio Lower Upper
152 100
150 145.1 117.2 175.8
115 66.3 57.0 85.6



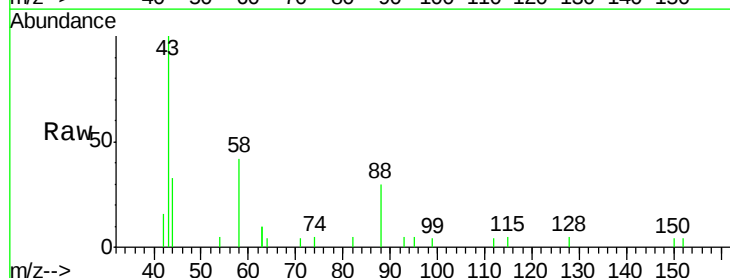
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



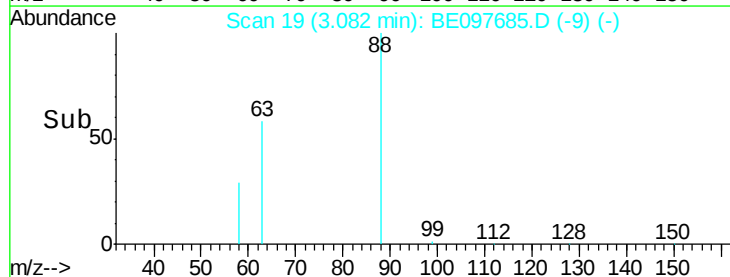
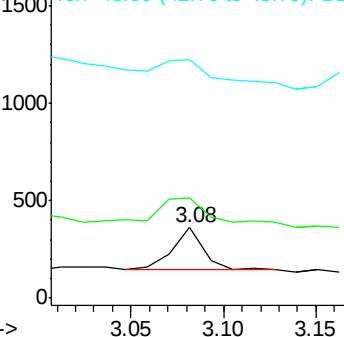
#2

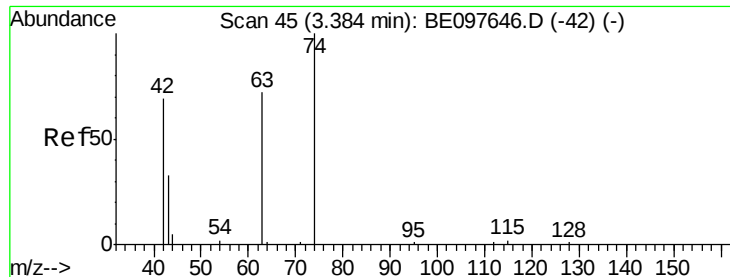
1,4-Dioxane
Concen: 0.14 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion: 88 Resp: 252
Ion Ratio Lower Upper
88 100
58 78.2 63.2 94.8
43 74.2 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: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampled :

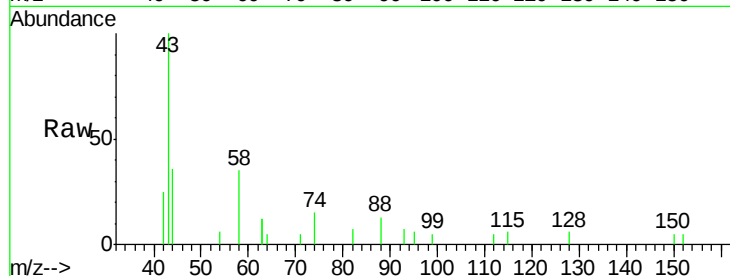
Tot Ion: 42 Resp: 204

Ion Ratio Lower Upper

42 100

74 138.7 96.0 144.0

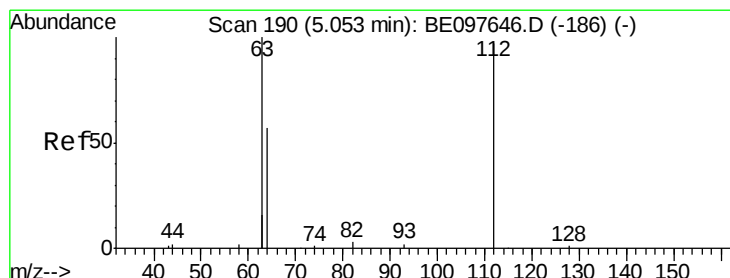
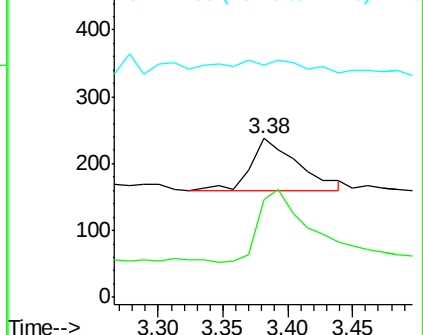
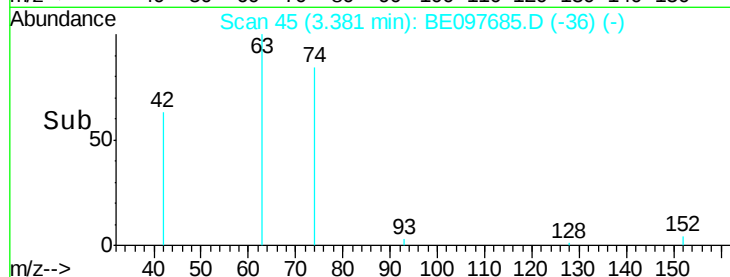
44 36.8 12.0 18.0#



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: 0.20 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

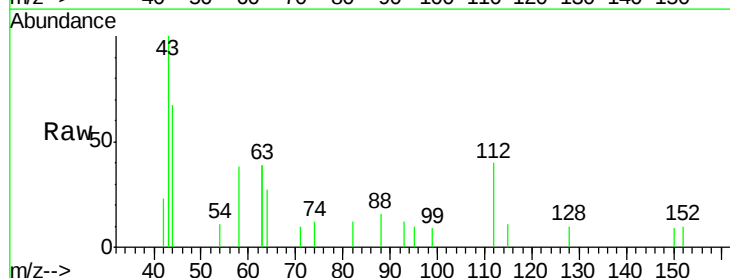
Tgt Ion: 112 Resp: 475

Ion Ratio Lower Upper

112 100

64 66.7 60.1 90.1

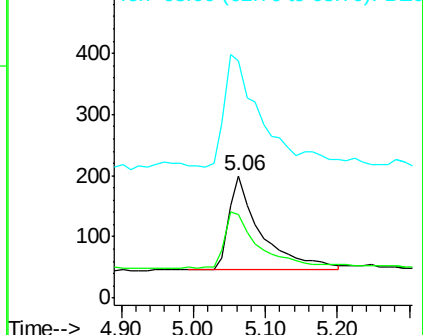
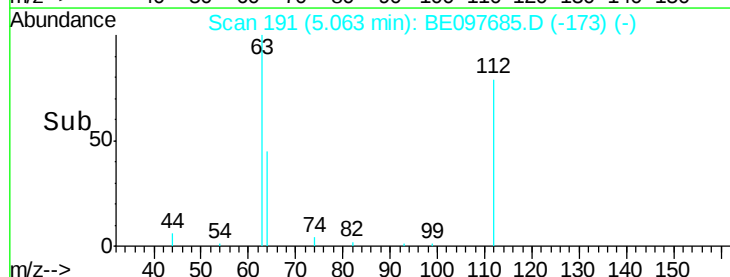
63 126.9 116.8 175.2

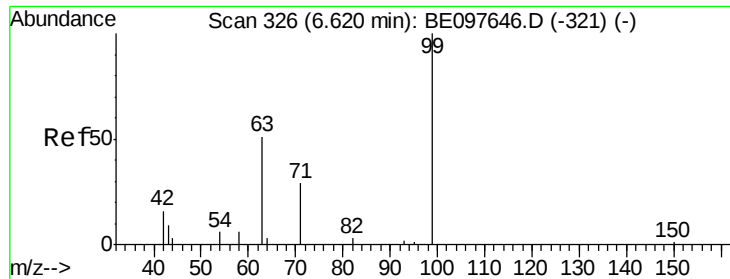


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

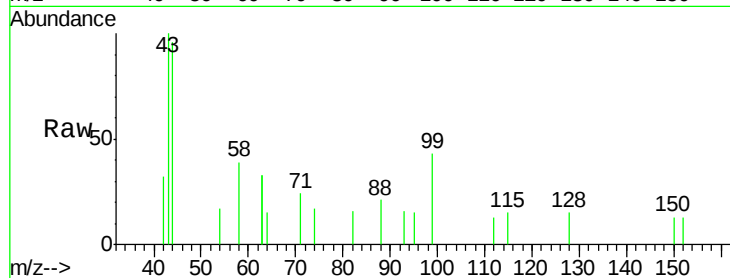
Tot Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

71 33.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.64

150

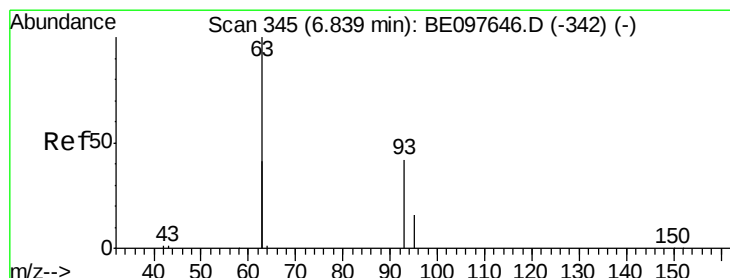
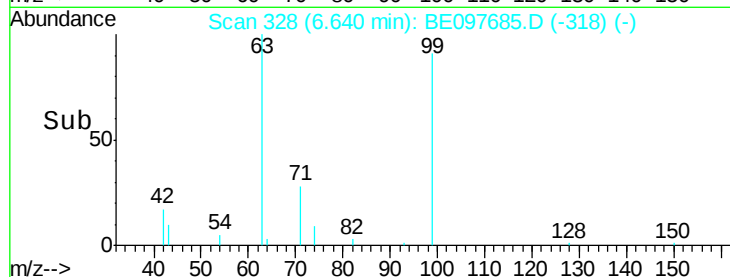
100

50

0

6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

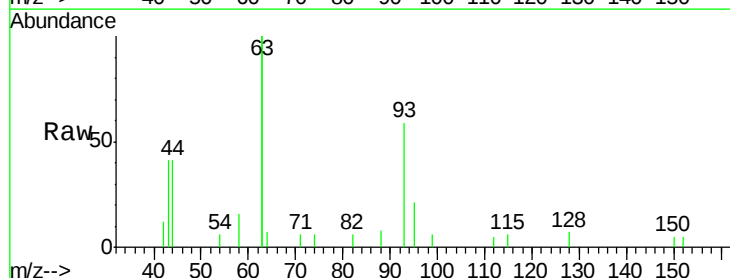
Tgt Ion: 93 Resp: 1192

Ion Ratio Lower Upper

93 100

63 322.1 275.3 412.9

95 34.4 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

2000

1500

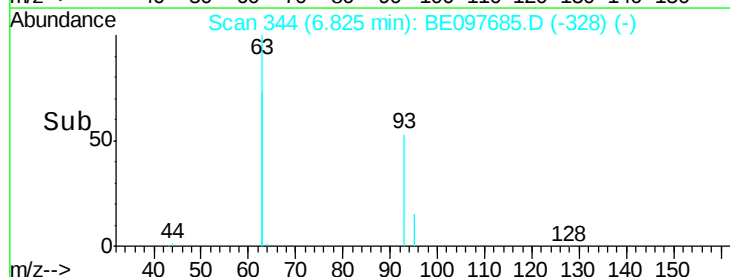
1000

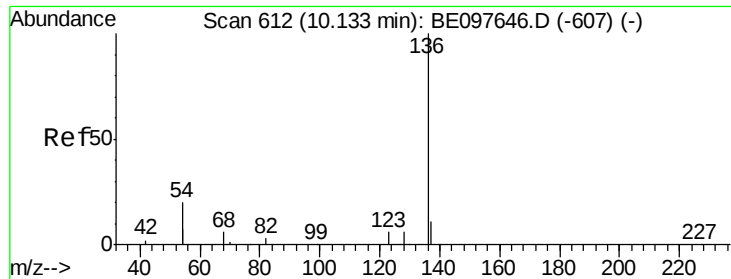
500

0

6.70 6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3949

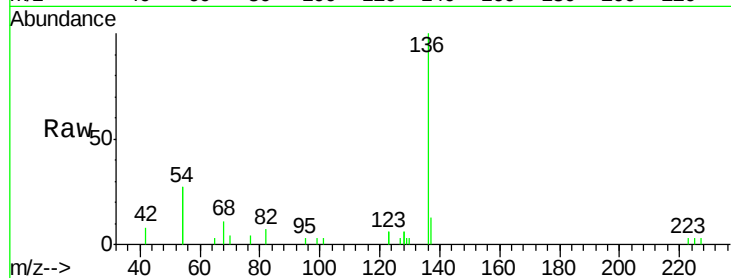
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 53.7 29.1 43.7#

68 11.0 6.2 9.2#

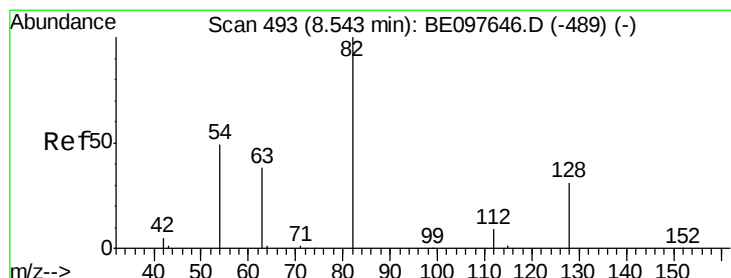
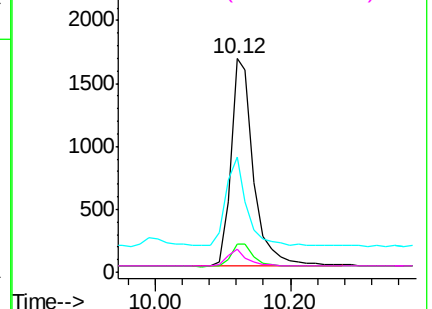
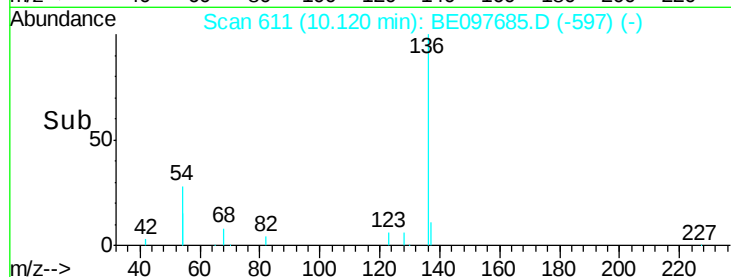


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.53 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

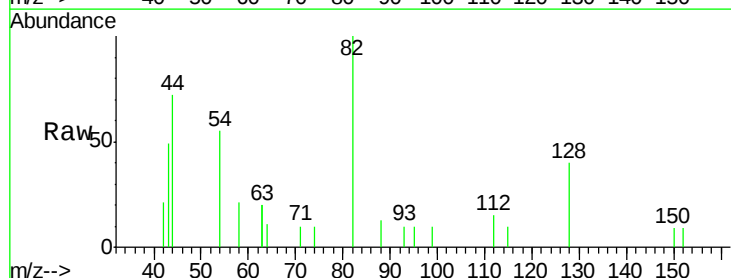
Tgt Ion: 82 Resp: 1352

Ion Ratio Lower Upper

82 100

128 39.5 24.0 36.0#

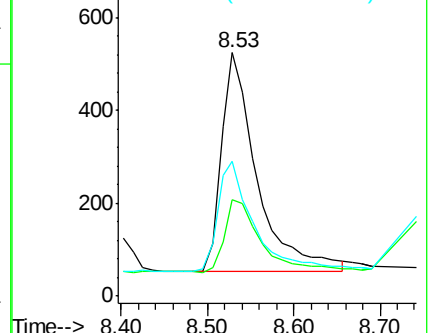
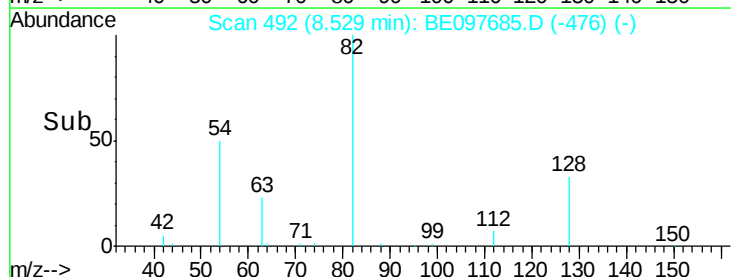
54 55.2 40.0 60.0

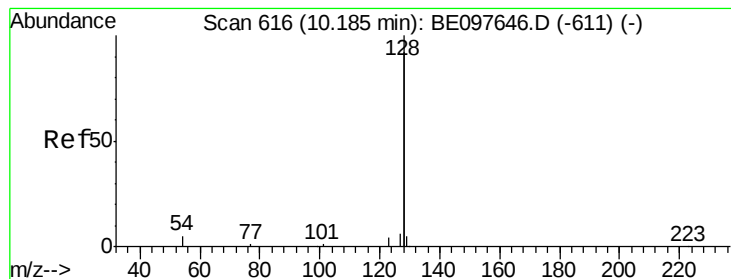


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.49 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampled :

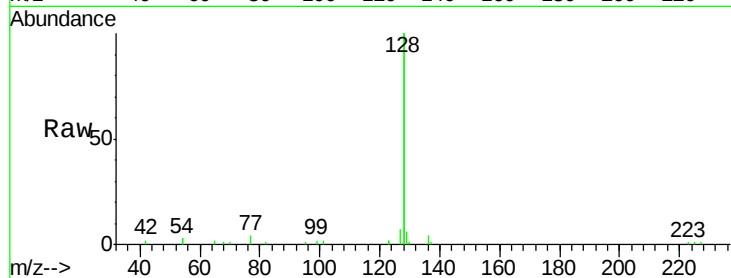
Tot Ion:128 Resp: 17736

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

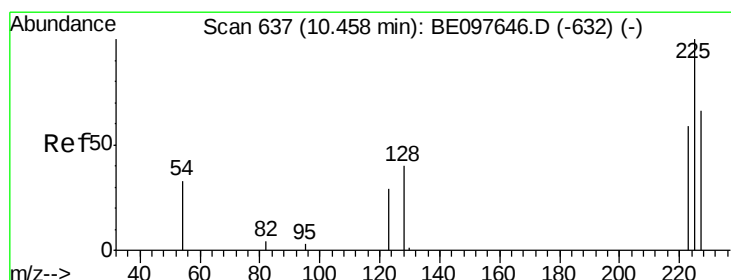
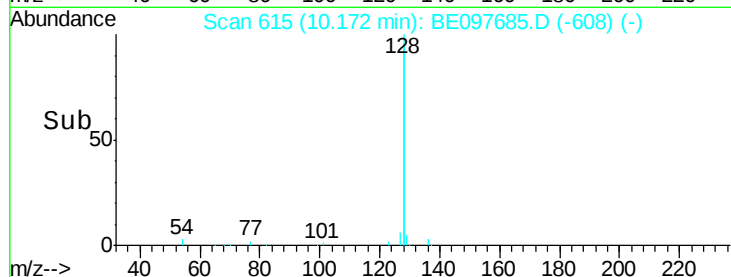
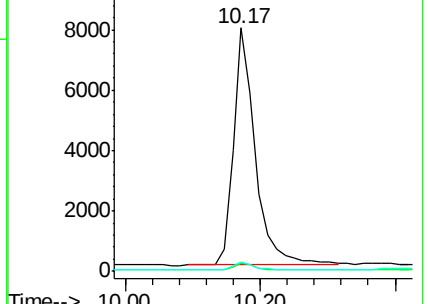
127 3.7 2.8 4.2



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: 0.42 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

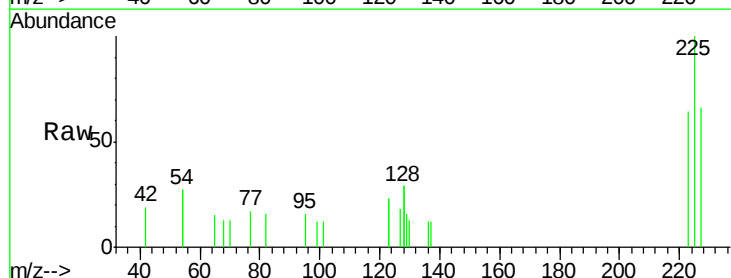
Tgt Ion:225 Resp: 684

Ion Ratio Lower Upper

225 100

223 61.7 53.0 79.6

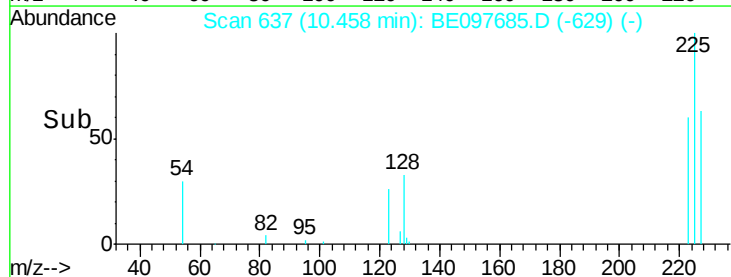
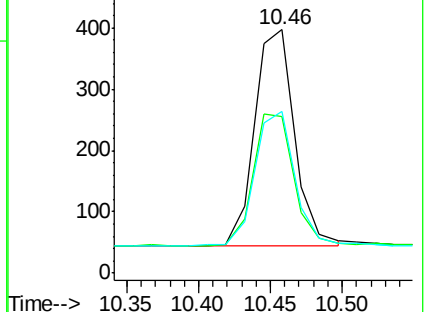
227 62.6 51.4 77.2

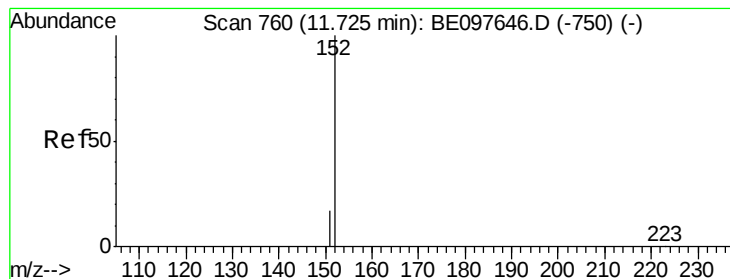


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.48 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

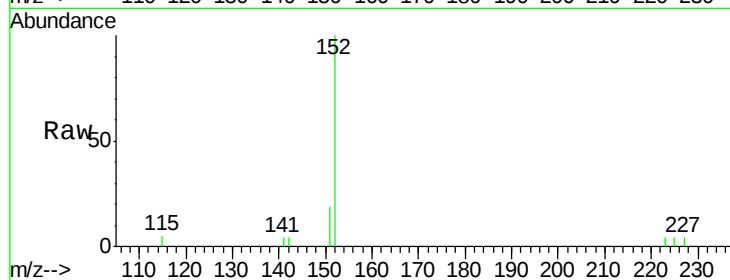
ClientSampleId :

Tot Ion:152 Resp: 2808

Ion Ratio Lower Upper

152 100

151 15.3 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

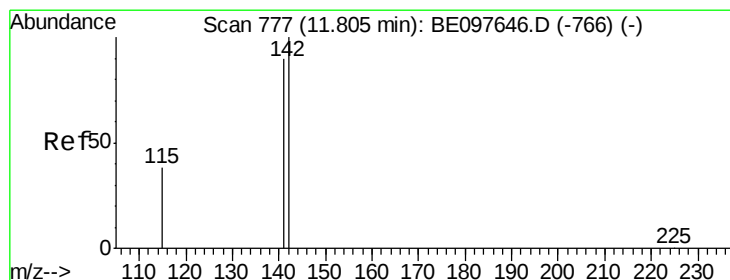
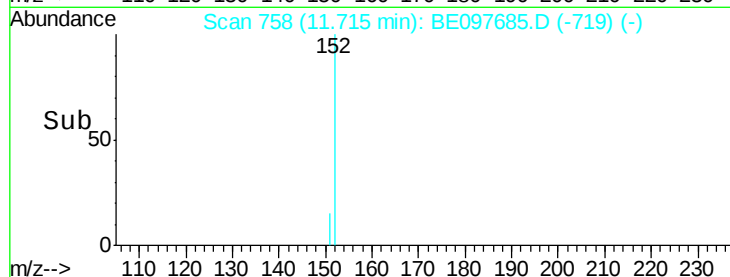
1000

500

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.49 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

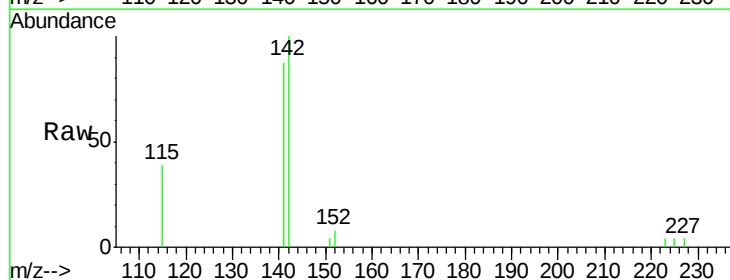
Tgt Ion:142 Resp: 2761

Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6

115 38.8 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

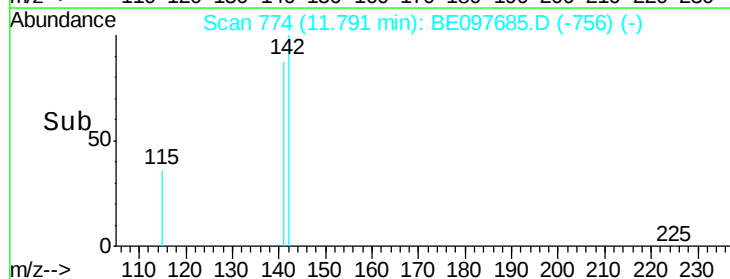
1000

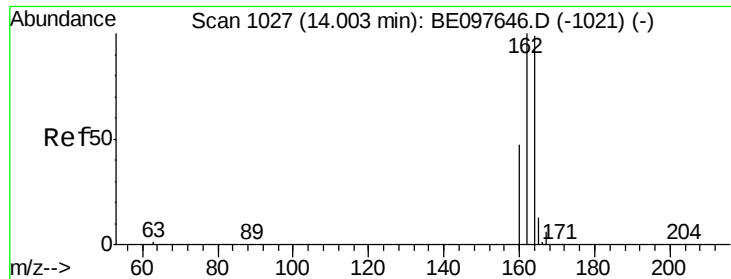
500

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: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

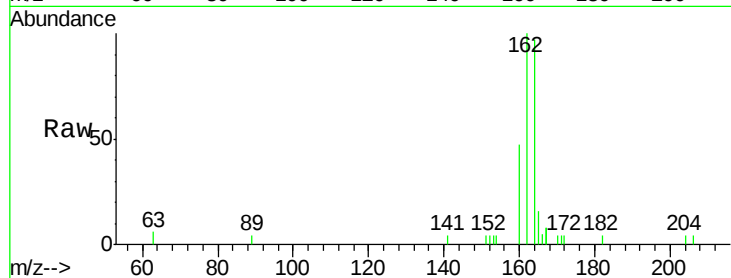
Tot Ion:164 Resp: 2190

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

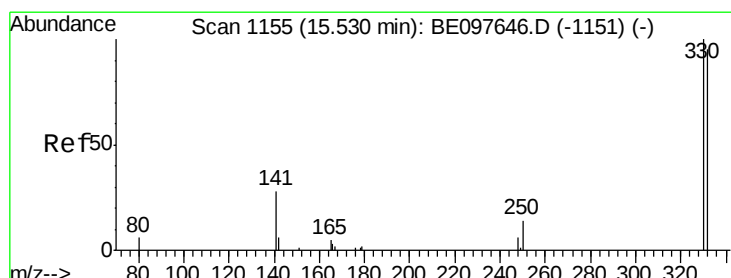
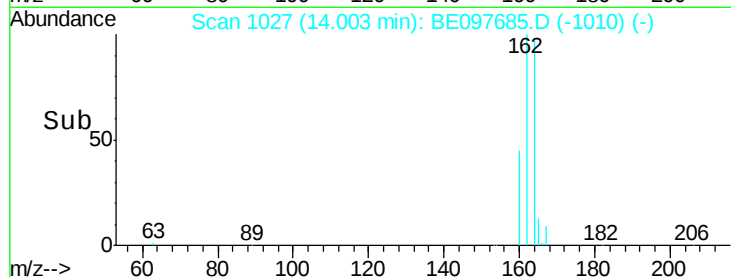
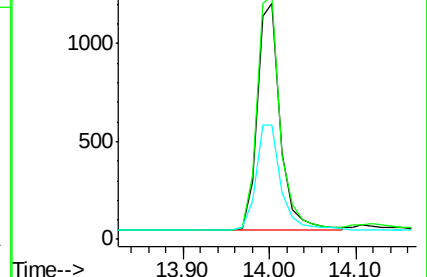
160 48.3 37.1 55.7



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: 0.54 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

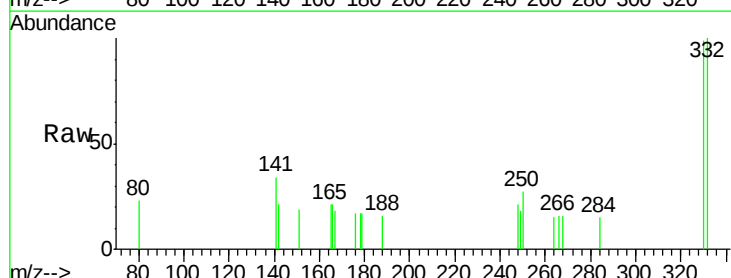
Tgt Ion:330 Resp: 501

Ion Ratio Lower Upper

330 100

332 101.4 152.7 229.1#

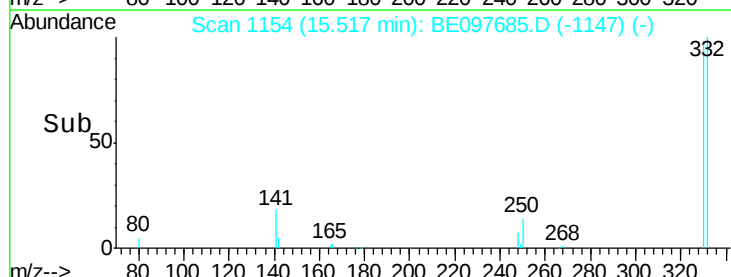
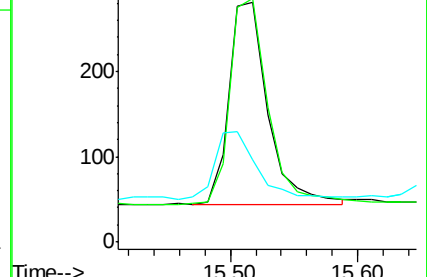
141 35.9 33.7 50.5

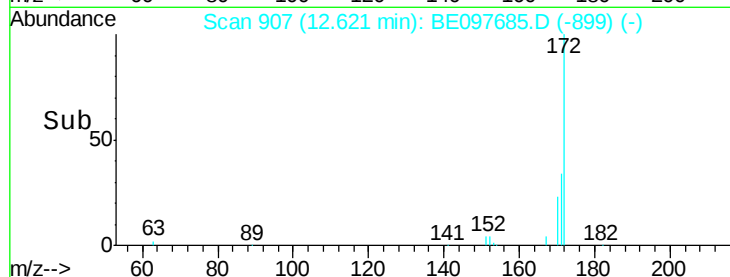
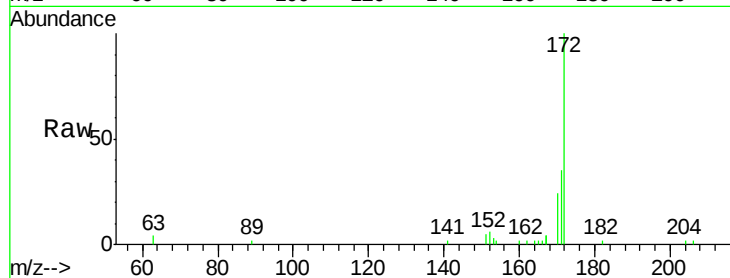
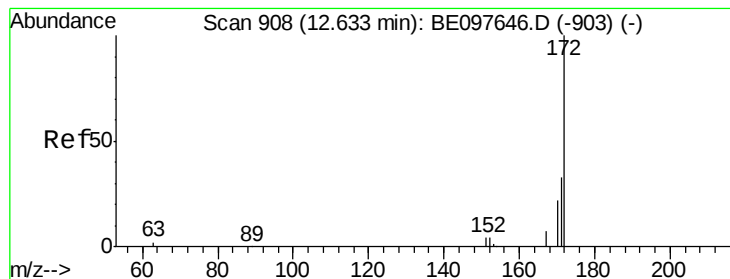


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

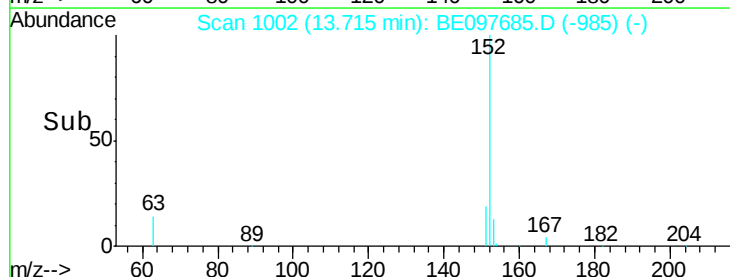
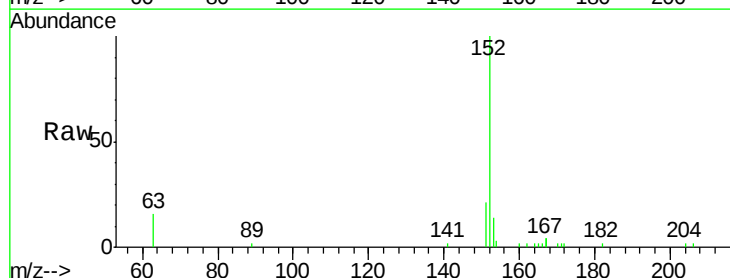
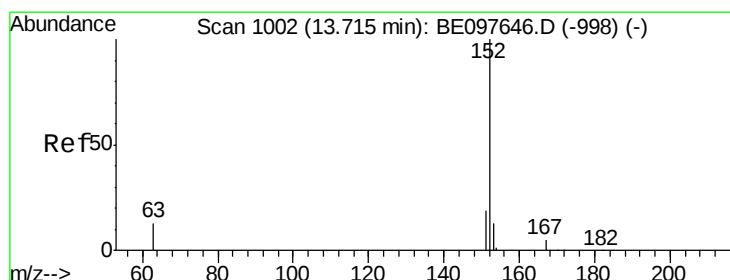
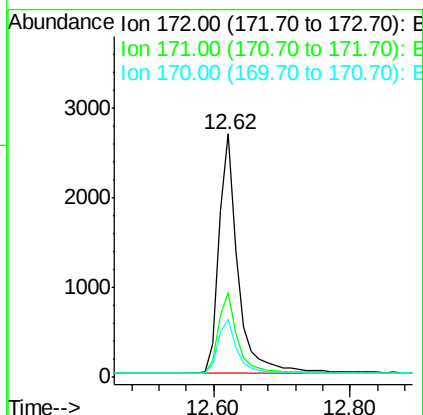




#15
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

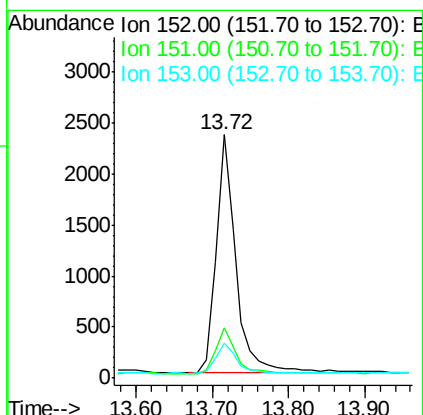
Instrument :
BNA_E
ClientSampleId :

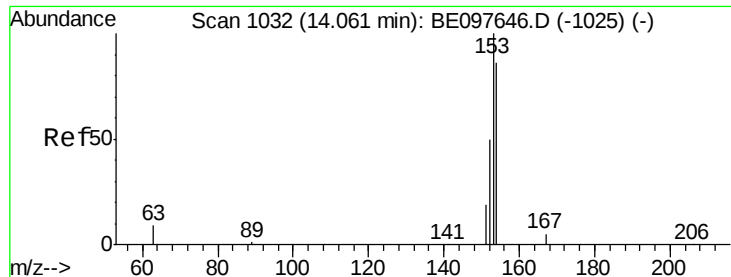
Tot Ion:172 Resp: 5254
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.48 ng
RT: 13.72 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:152 Resp: 4207
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.48 ng

RT: 14.06 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampled :

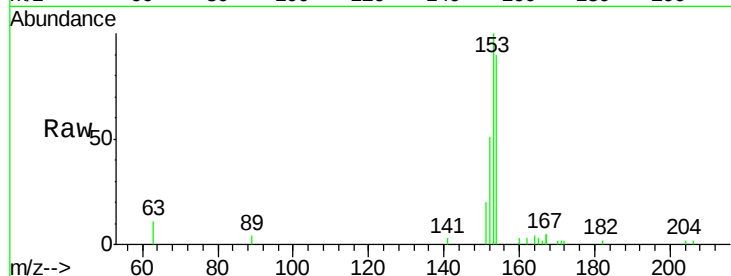
Tot Ion:154 Resp: 2776

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

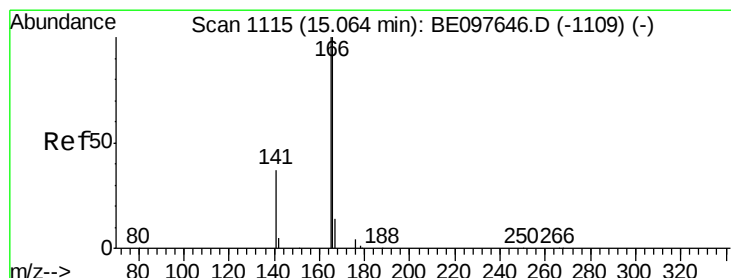
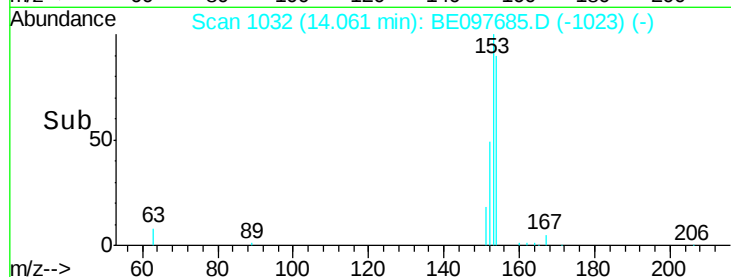
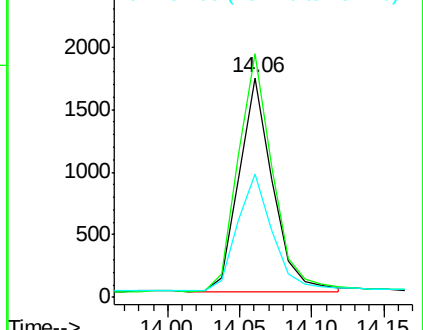
152 57.3 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.48 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

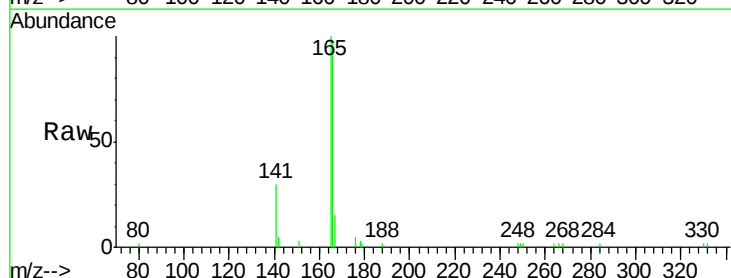
Tgt Ion:166 Resp: 3907

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

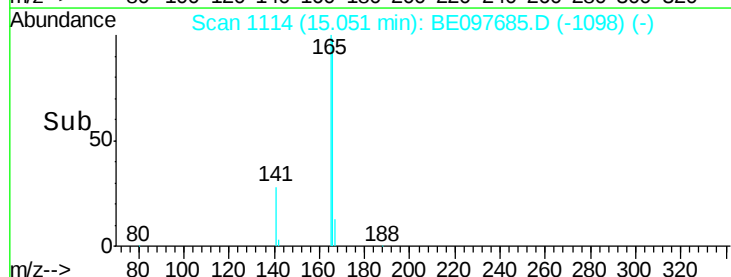
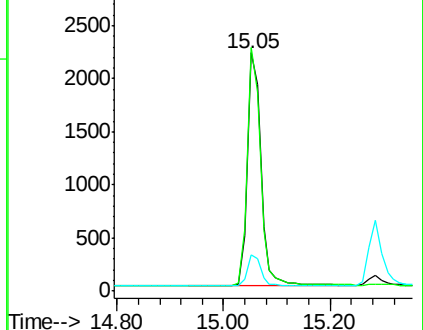
167 13.4 42.4 63.6#

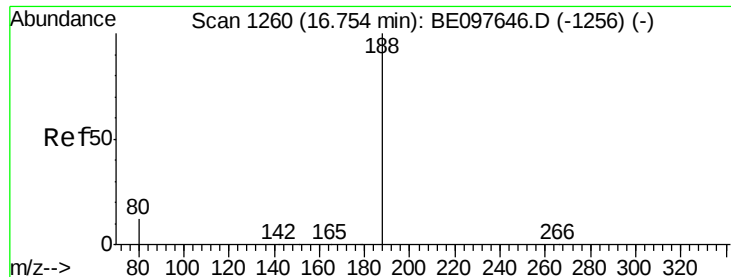


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

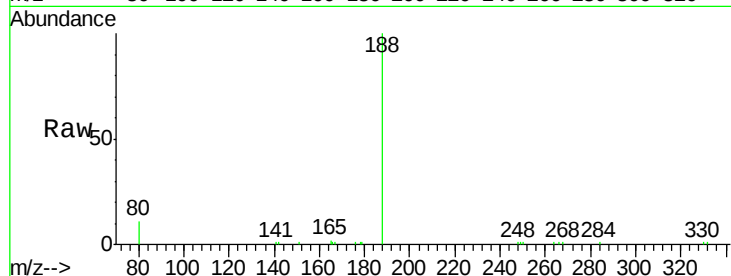




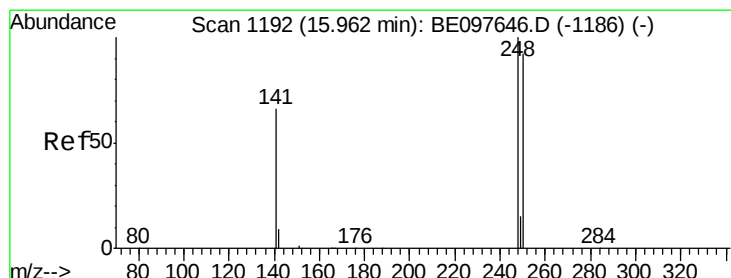
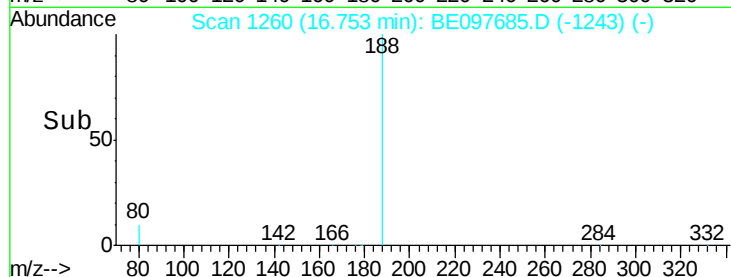
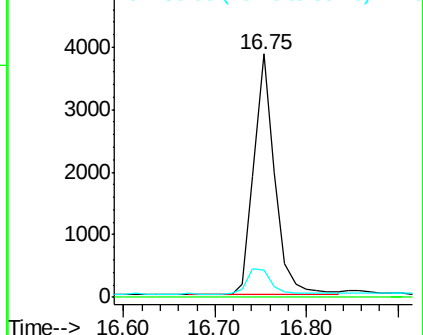
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 6119
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.4 3.6 5.4#

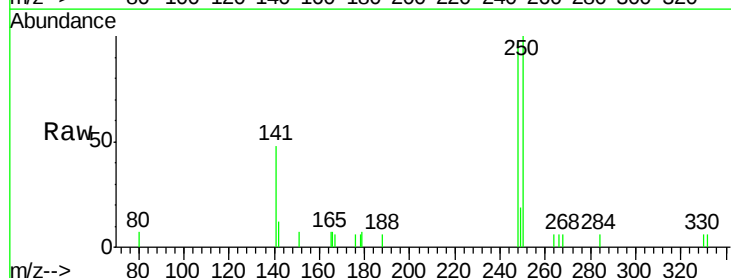


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

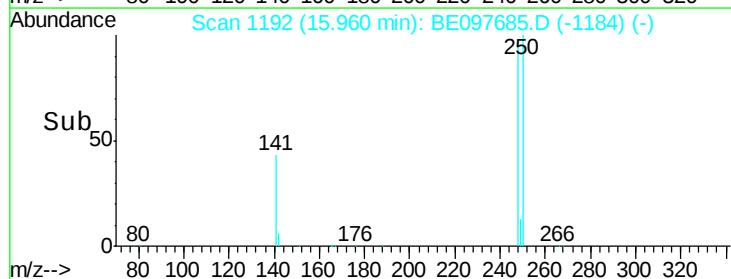
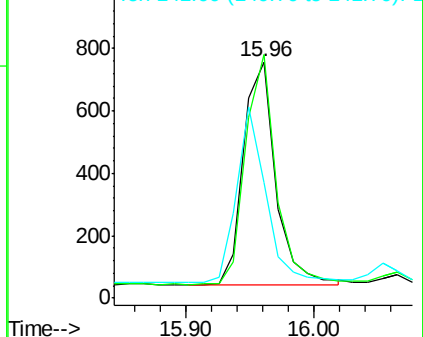


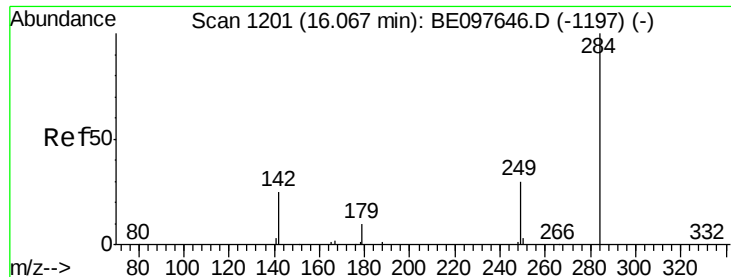
#20
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:248 Resp: 1250
Ion Ratio Lower Upper
248 100
250 103.2 62.7 94.1#
141 49.0 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

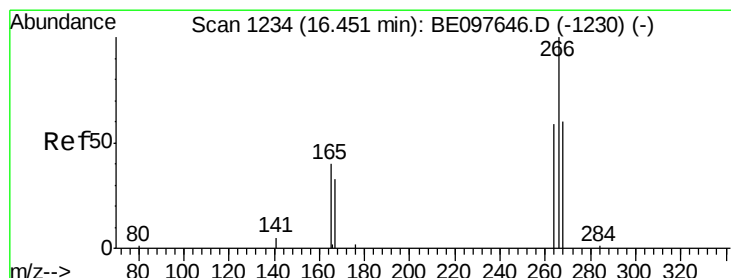
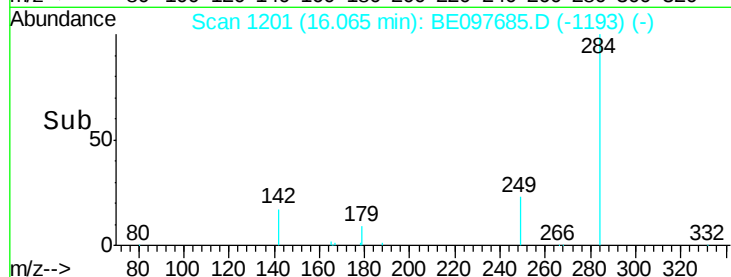
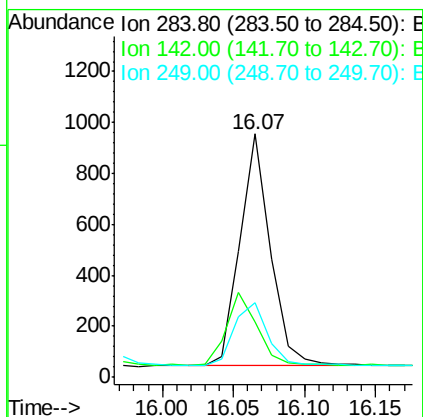
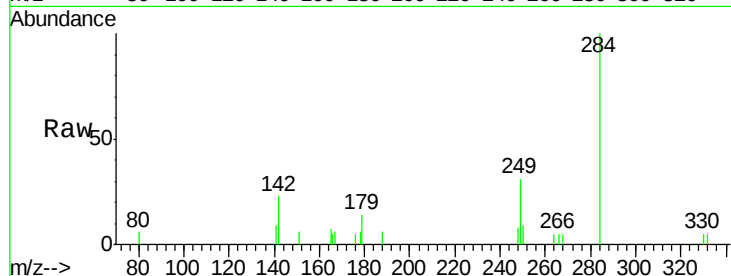




#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

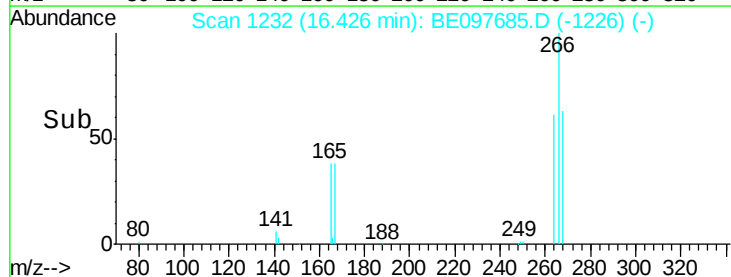
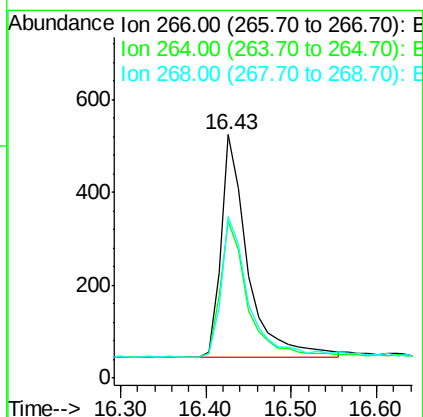
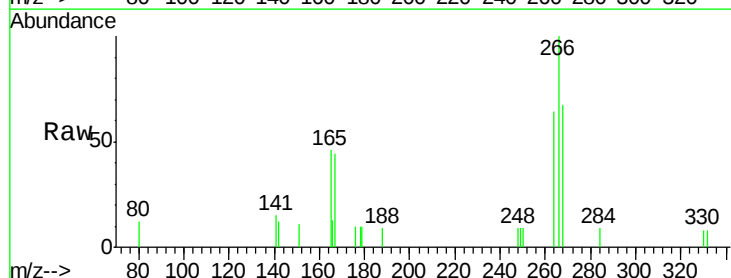
Instrument :
BNA_E
ClientSampleId :

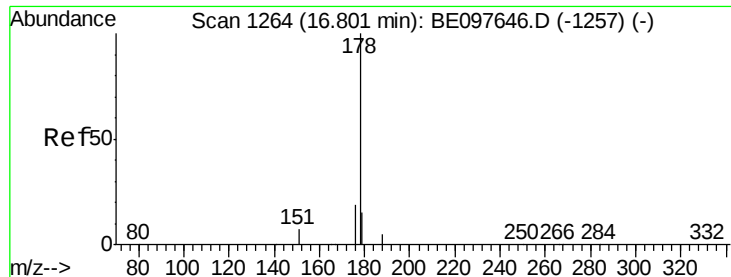
Tot Ion:284 Resp: 1359
Ion Ratio Lower Upper
284 100
142 31.7 22.1 33.1
249 28.8 34.8 52.2#



#22
Pentachlorophenol
Concen: 1.33 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:266 Resp: 1046
Ion Ratio Lower Upper
266 100
264 64.3 72.5 108.7#
268 66.6 73.8 110.6#





#23

Phenanthrene

Concen: 0.52 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampled :

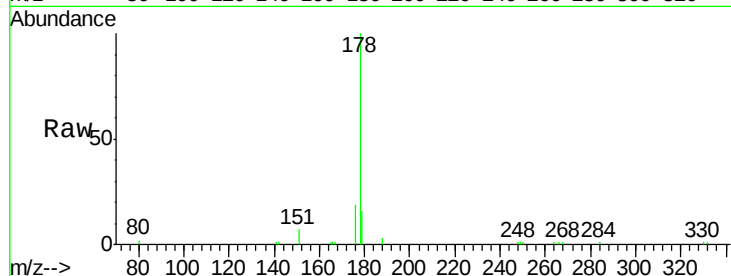
Tot Ion:178 Resp: 7454

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

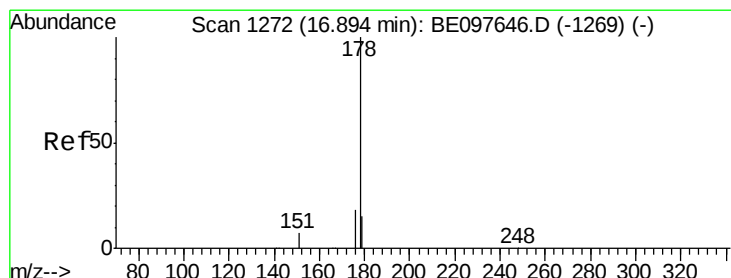
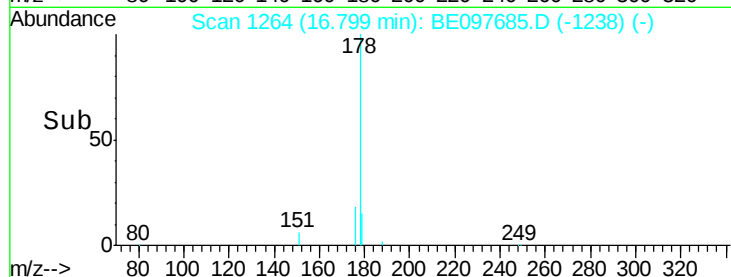
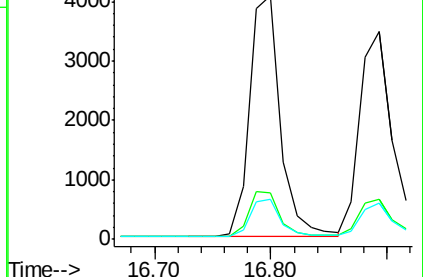
179 15.4 11.8 17.6



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: 0.55 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

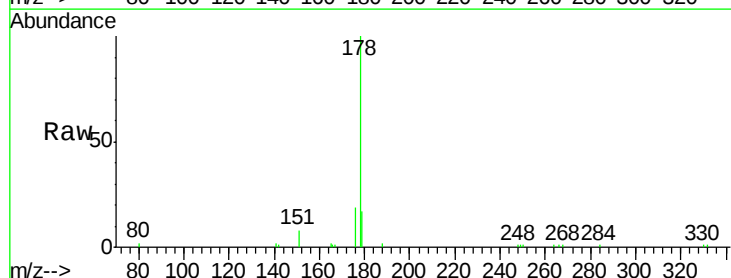
Tgt Ion:178 Resp: 6653

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

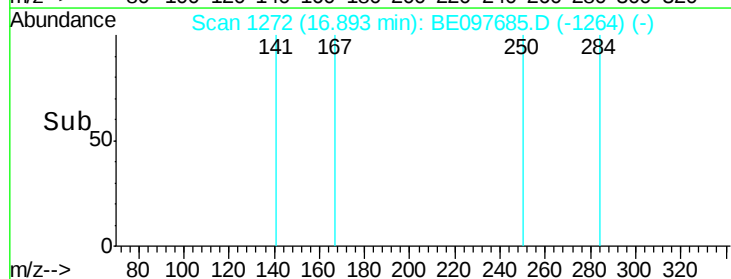
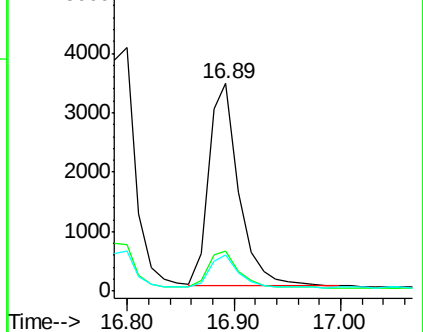
179 15.6 13.0 19.6

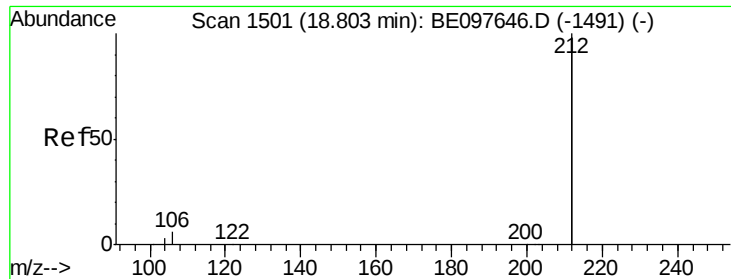


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.53 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

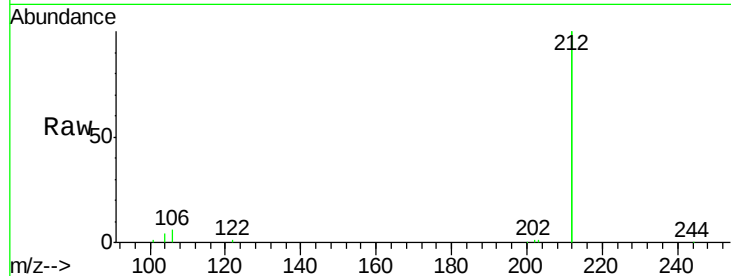
Tot Ion:212 Resp: 35075

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

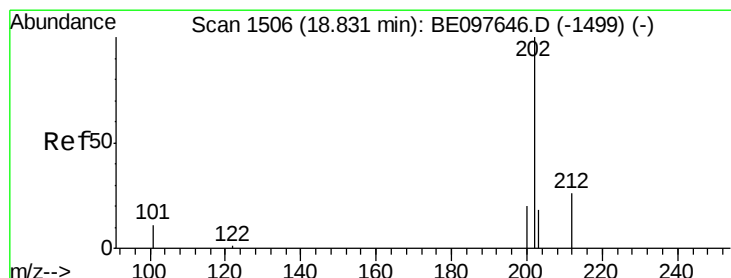
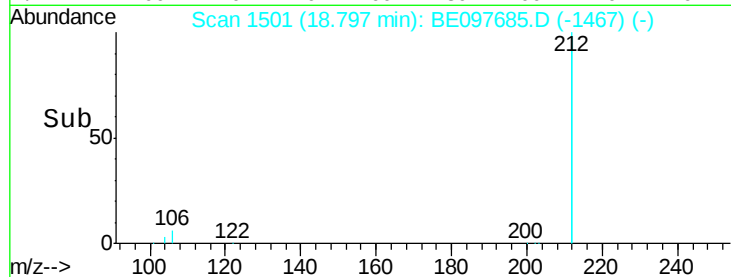
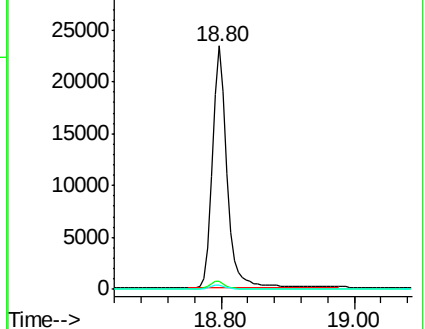
104 1.8 1.6 2.4



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: 0.58 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

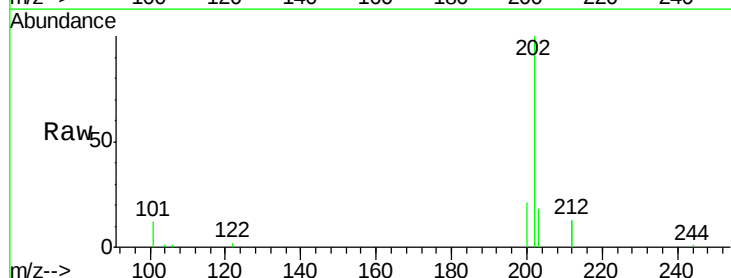
Tgt Ion:202 Resp: 10117

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

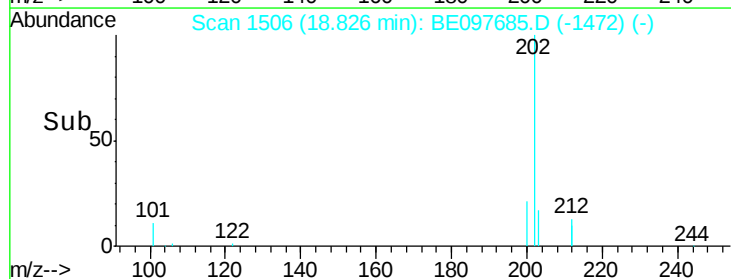
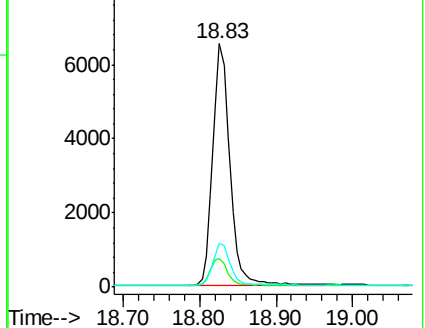
203 17.2 13.7 20.5

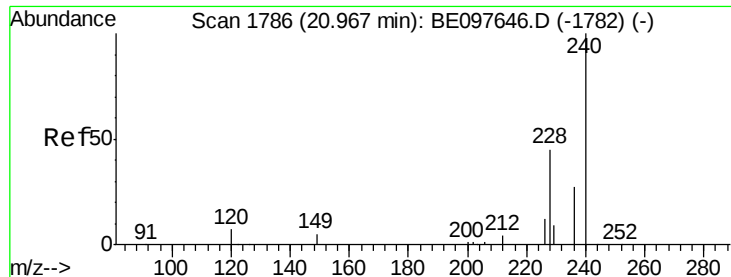


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

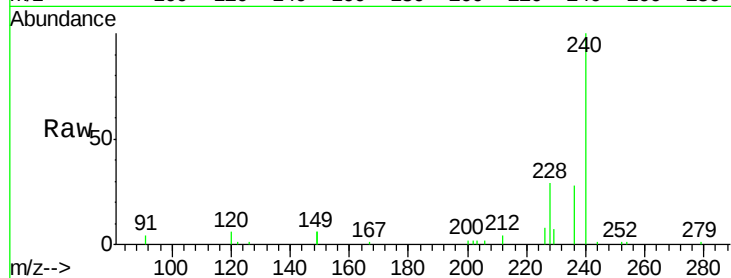




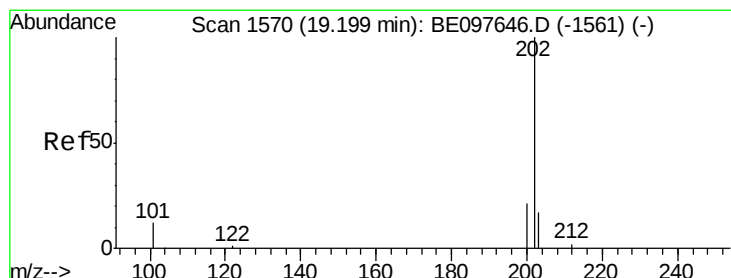
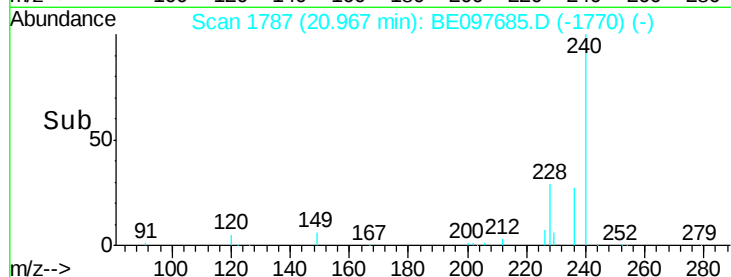
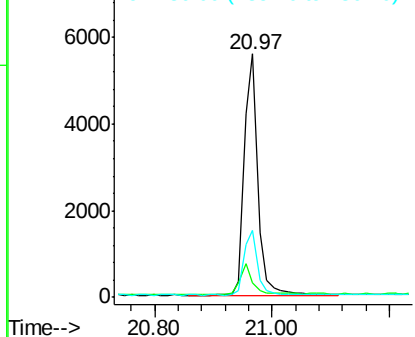
#27
Chrysene-d12
Concen: 0.40 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 8999
Ion Ratio Lower Upper
240 100
120 6.0 5.5 8.3
236 27.6 20.7 31.1

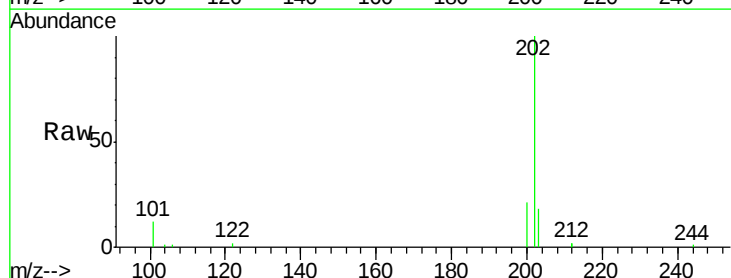


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

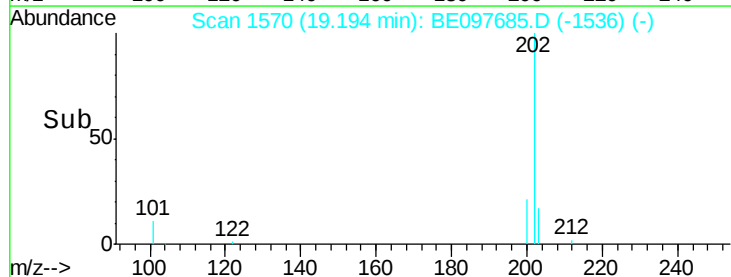
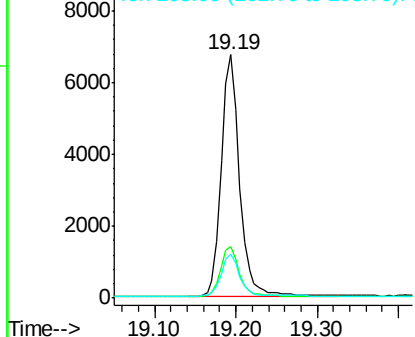


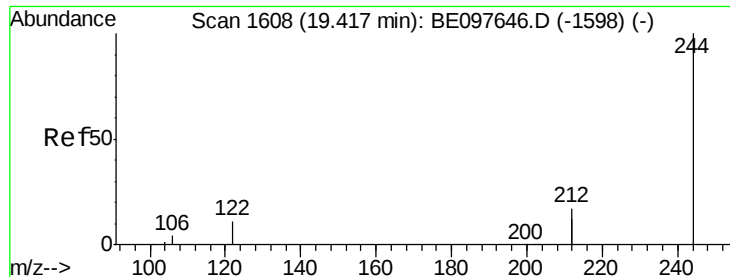
#28
Pyrene
Concen: 0.45 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:202 Resp: 10460
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.9 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: 0.53 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampled :

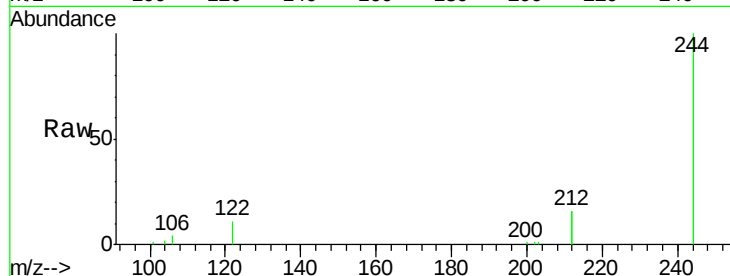
Tot Ion:244 Resp: 9429

Ion Ratio Lower Upper

244 100

212 31.5 25.4 38.0

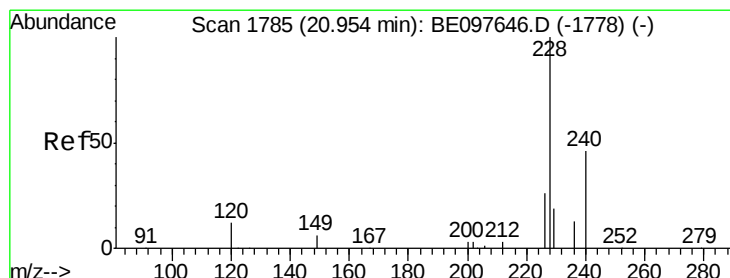
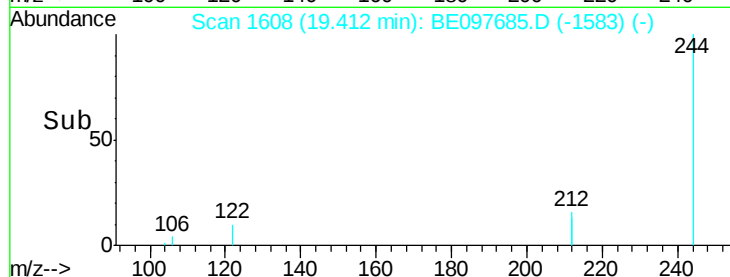
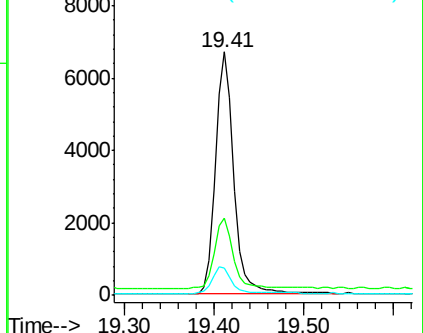
122 11.2 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.56 ng

RT: 20.94 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

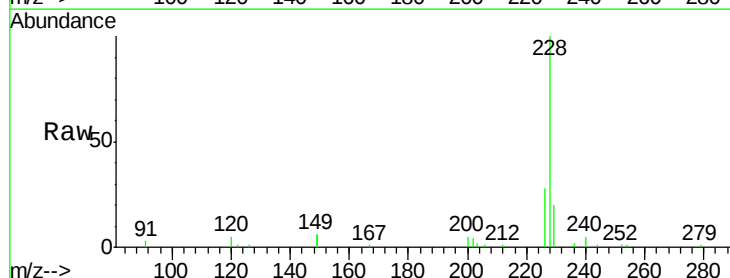
Tgt Ion:228 Resp: 11887

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

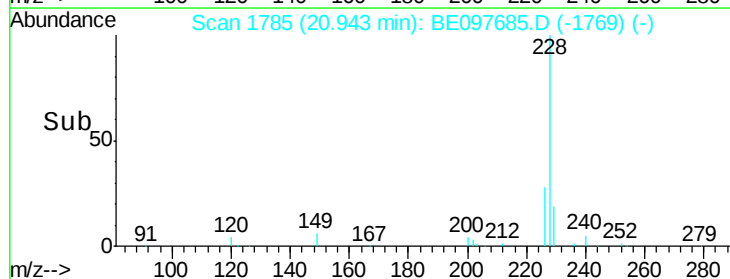
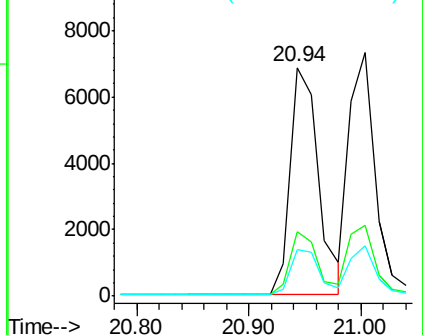
229 20.1 16.0 24.0

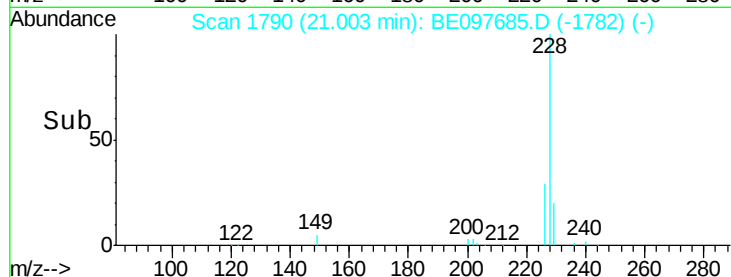
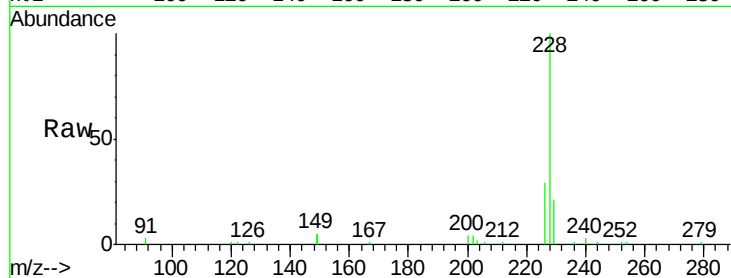
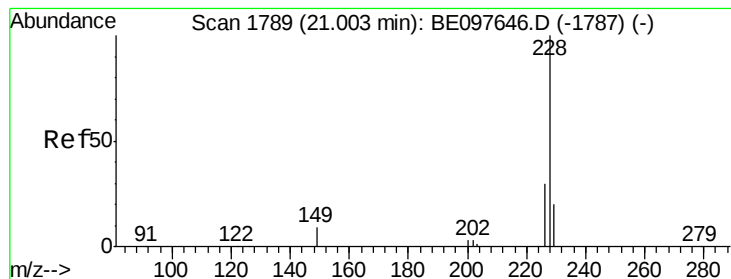


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.47 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

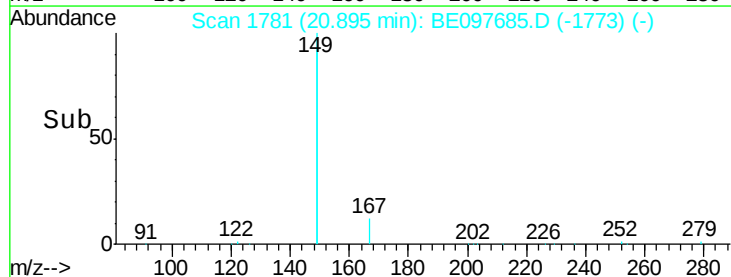
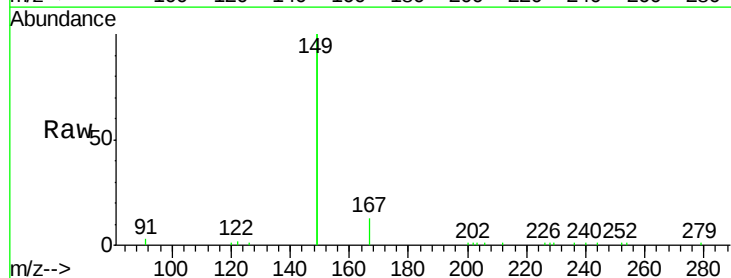
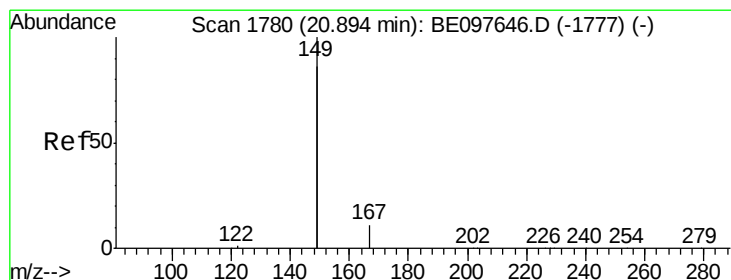
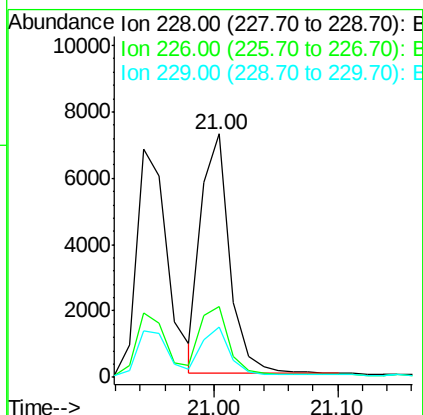
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 11635

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.6	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.72 ng

RT: 20.89 min Scan# 1781

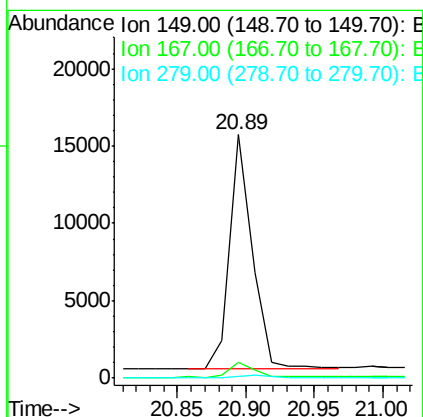
Delta R.T. 0.00 min

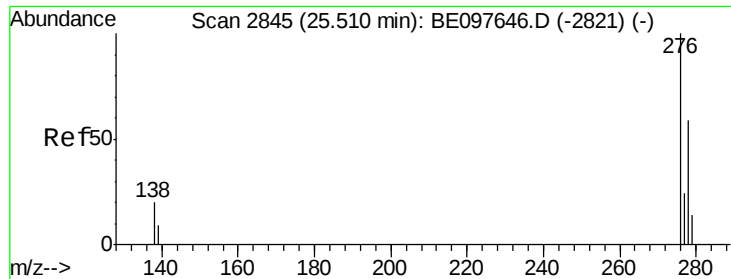
Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Tgt Ion:149 Resp: 17548

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1

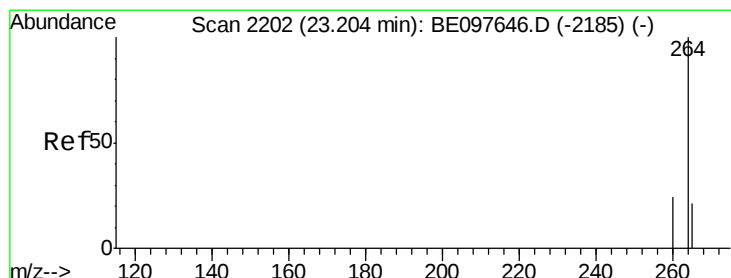
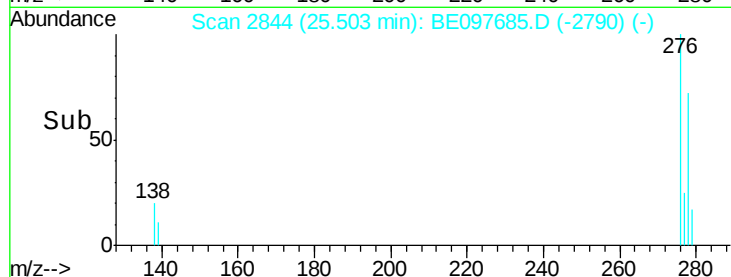
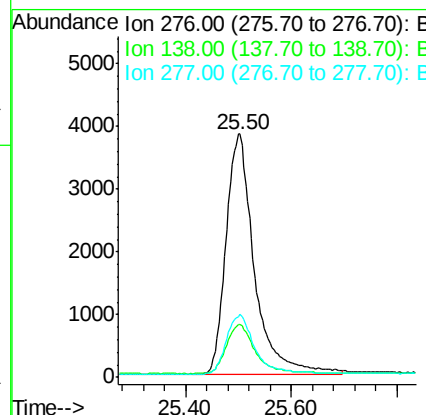
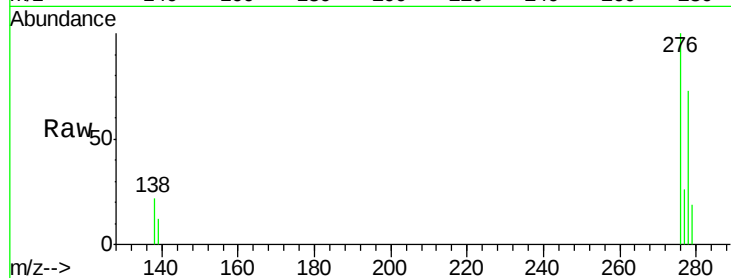




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.54 ng
 RT: 25.50 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BE097685.D
 Acq: 26 Sep 2018 12:52

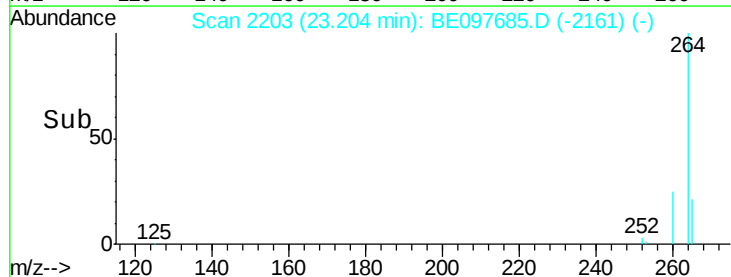
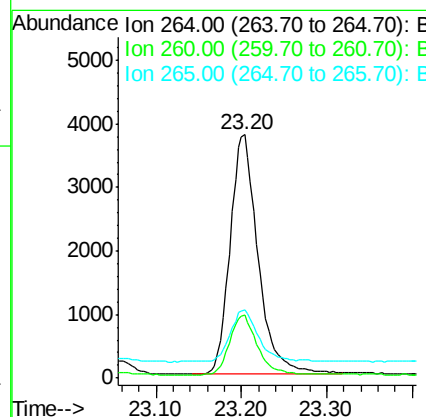
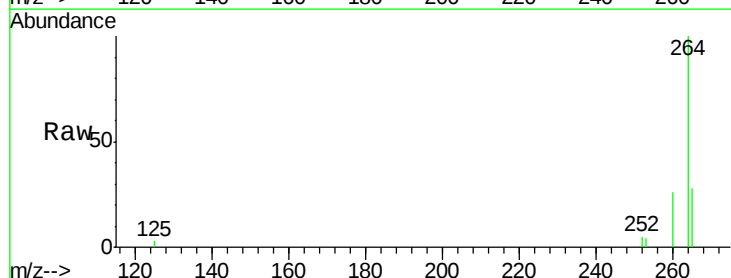
Instrument :
 BNA_E
 ClientSampleId :

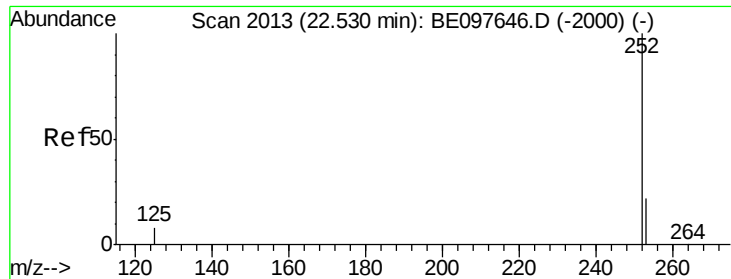
Tot Ion:276 Resp: 14207
 Ion Ratio Lower Upper
 276 100
 138 21.1 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.20 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097685.D
 Acq: 26 Sep 2018 12:52

Tgt Ion:264 Resp: 8635
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 28.0 22.8 34.2

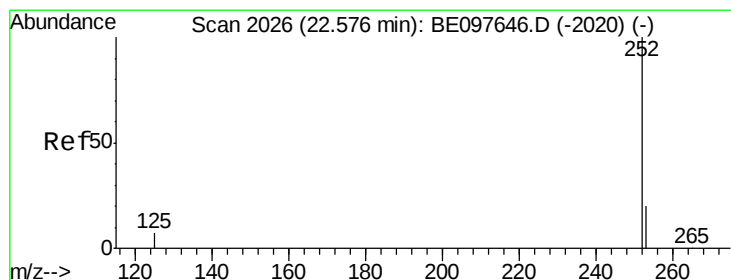
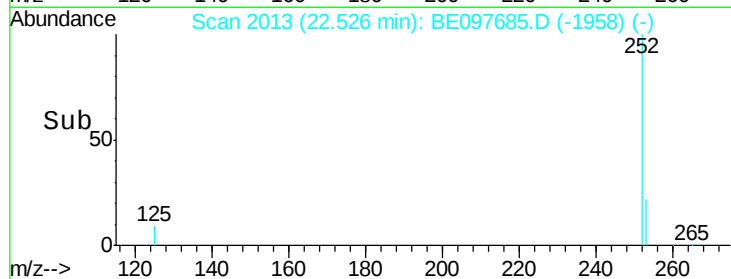
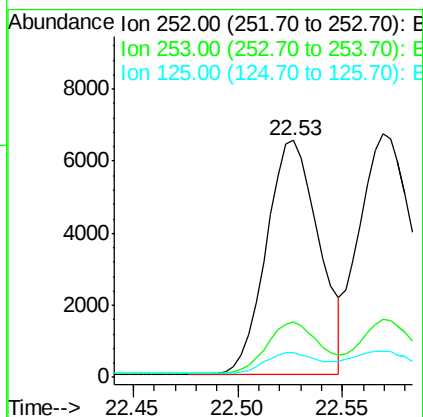
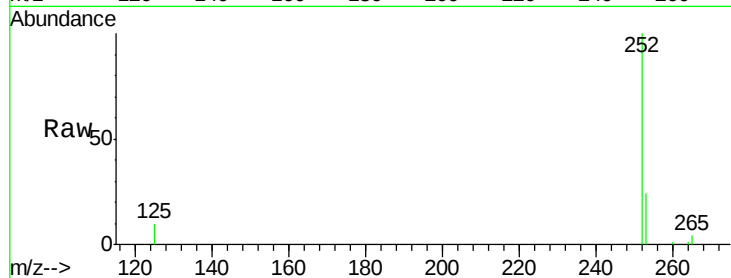




#35
Benzo(b)fluoranthene
Concen: 0.51 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

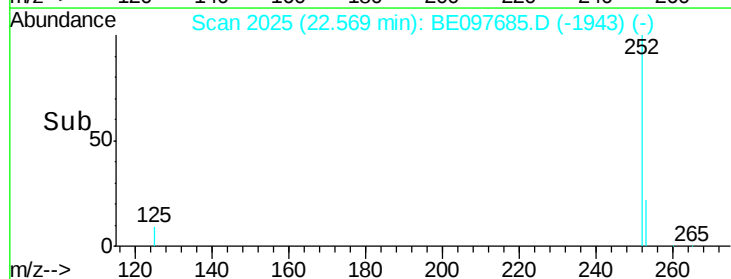
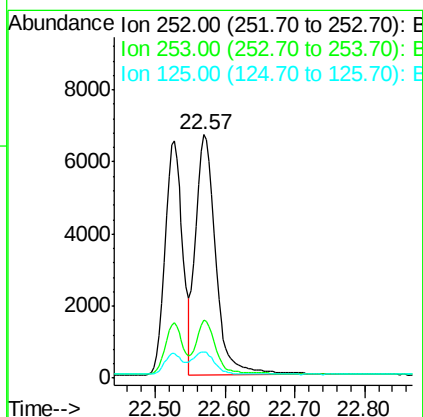
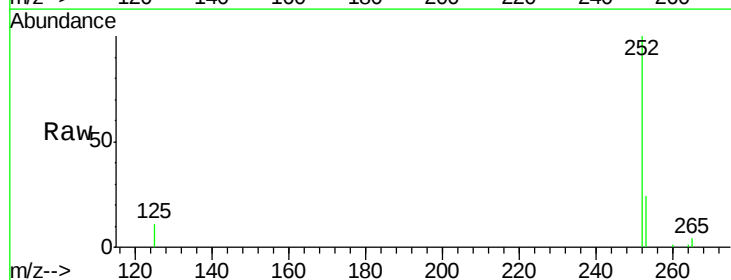
Instrument :
BNA_E
ClientSampleId :

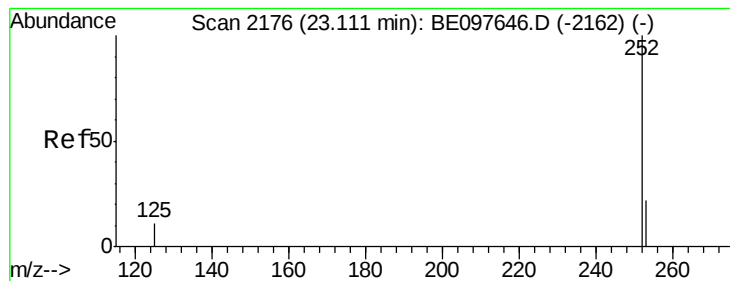
Tot Ion:252 Resp: 11362
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 10.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.51 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097685.D
Acq: 26 Sep 2018 12:52

Tgt Ion:252 Resp: 13200
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.52 ng

RT: 23.10 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

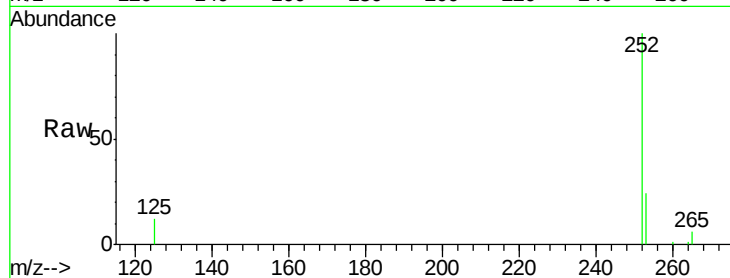
Tot Ion:252 Resp: 11363

Ion Ratio Lower Upper

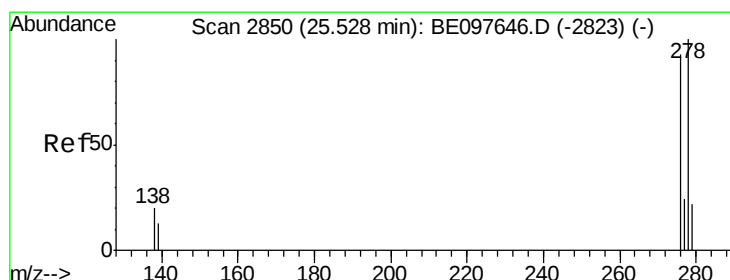
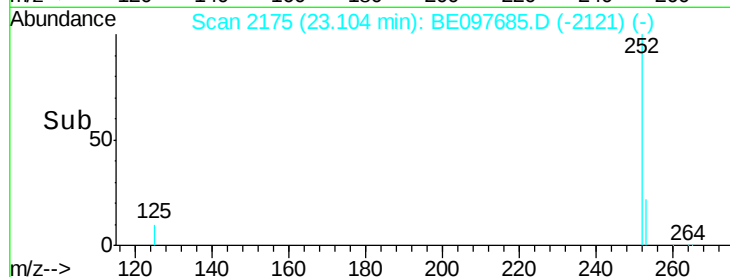
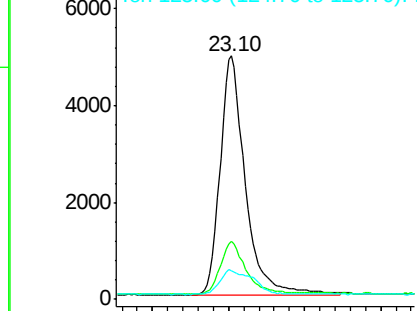
252 100

253 23.9 16.0 24.0

125 12.0 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: 0.51 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

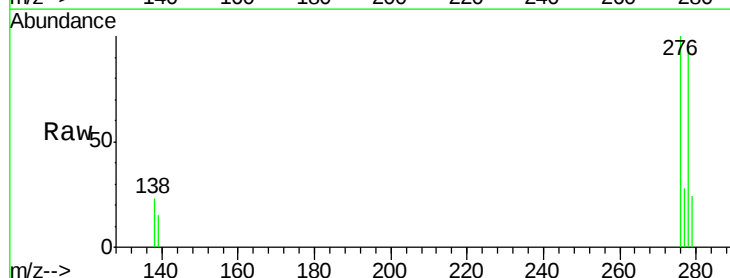
Tgt Ion:278 Resp: 11642

Ion Ratio Lower Upper

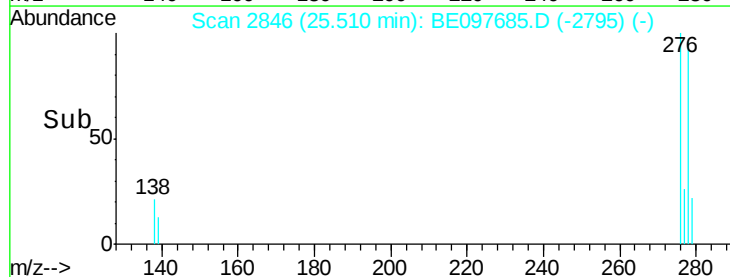
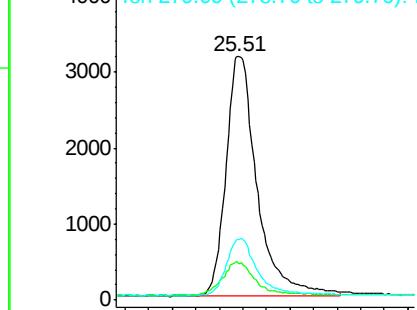
278 100

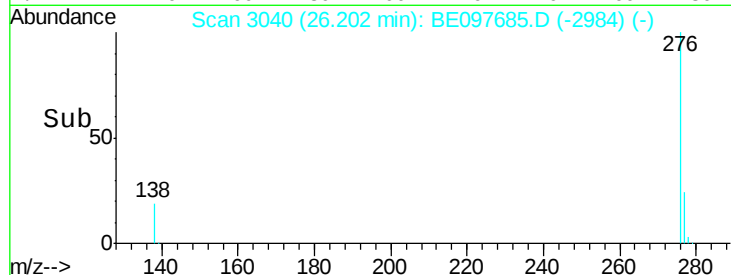
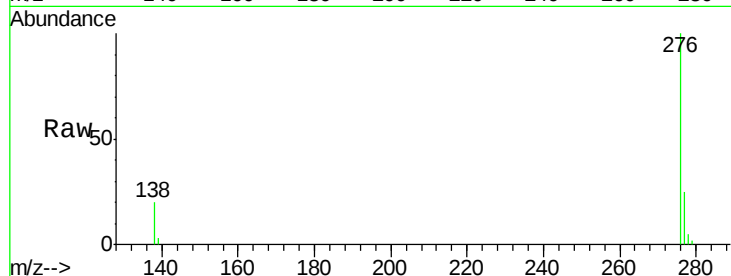
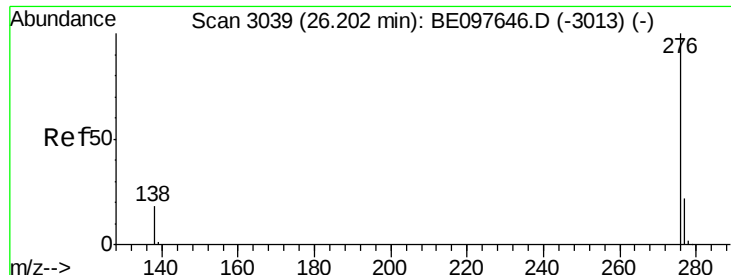
139 15.9 16.0 24.0#

279 25.1 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: 0.51 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE097685.D

Acq: 26 Sep 2018 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 11603

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 20.2 20.0 30.0

