

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097346.D
 Acq On : 22 Aug 2018 14:11
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 22 16:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 16:06:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	813	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3802	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2060	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	5617	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7561	0.40	ng	0.00
34) Perylene-d12	23.21	264	7820	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	292	0.16	ng	0.00
5) Phenol-d6	6.60	99	390	0.14	ng	0.00
8) Nitrobenzene-d5	8.52	82	294	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	551	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	73	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	837	0.10	ng	0.01
25) Fluoranthene-d10	18.80	212	6961	0.14	ng	0.00
29) Terphenyl-d14	19.42	244	1554	0.10	ng	0.00

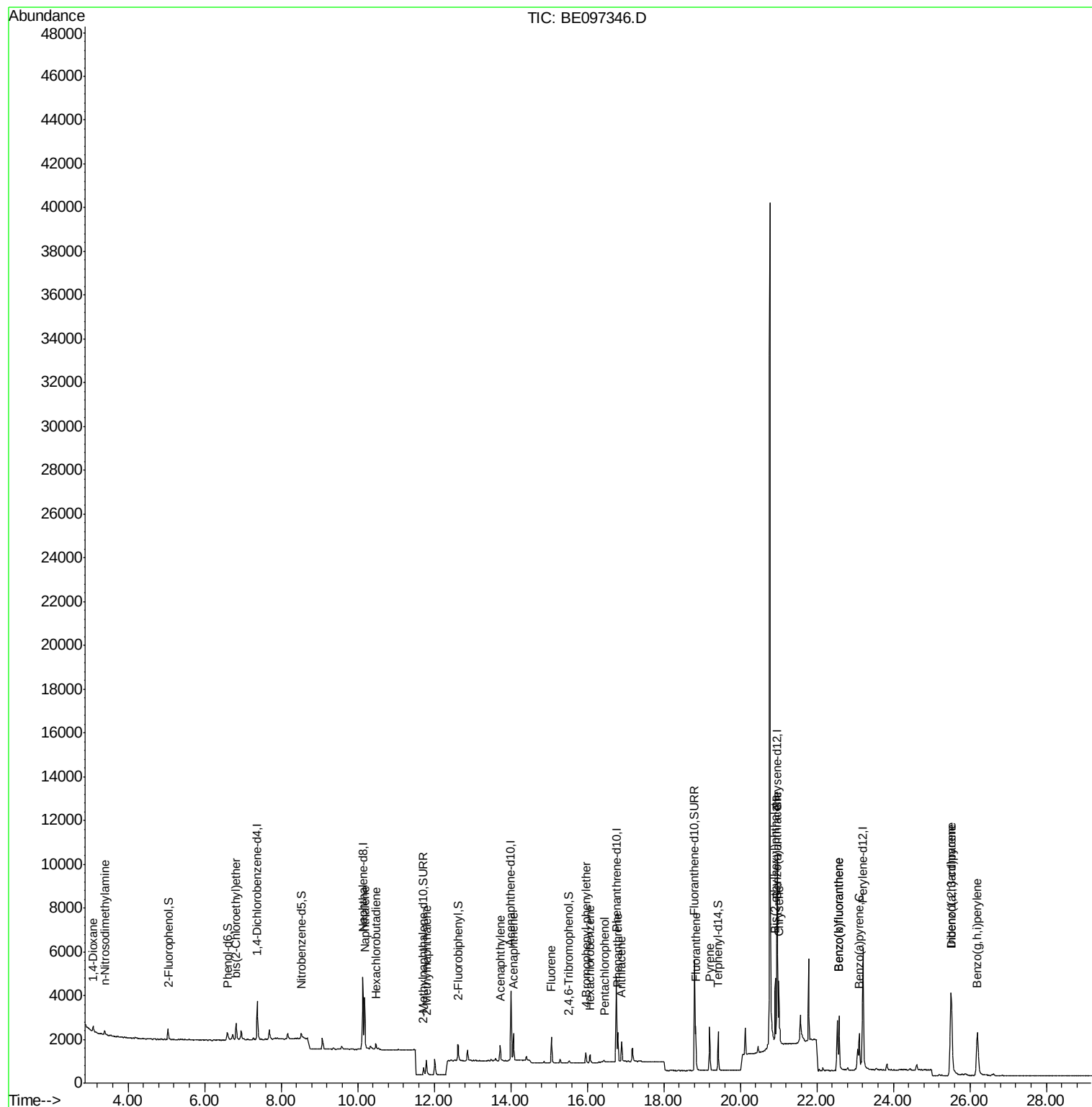
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	223	0.173	ng	# 69
3) n-Nitrosodimethylamine	3.38	42	138	0.123	ng	# 91
6) bis(2-Chloroethyl)ether	6.83	93	319	0.116	ng	85
9) Naphthalene	10.18	128	3813	0.109	ng	# 95
10) Hexachlorobutadiene	10.47	225	167	0.109	ng	97
12) 2-Methylnaphthalene	11.80	142	571	0.109	ng	# 94
16) Acenaphthylene	13.73	152	837	0.107	ng	99
17) Acenaphthene	14.07	154	586	0.106	ng	96
18) Fluorene	15.06	166	730	0.108	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	268	0.106	ng	# 79
21) Hexachlorobenzene	16.08	284	310	0.091	ng	# 83
22) Pentachlorophenol	16.45	266	81	0.243	ng	87
23) Phenanthrene	16.80	178	1428	0.104	ng	98
24) Anthracene	16.89	178	1155	0.114	ng	96
26) Fluoranthene	18.84	202	1783	0.135	ng	99
28) Pyrene	19.20	202	1921	0.095	ng	99
30) Benzo(a)anthracene	20.96	228	2131	0.131	ng	96
31) Chrysene	21.00	228	2289	0.107	ng	95
32) Bis(2-ethylhexyl)phthalate	20.92	149	4274	0.432	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	5456	0.403	ng	# 94
35) Benzo(b)fluoranthene	22.58	252	3193	0.155	ng	96
36) Benzo(k)fluoranthene	22.58	252	3193	0.110	ng	# 80
37) Benzo(a)pyrene	23.11	252	2447	0.130	ng	# 87
38) Dibenzo(a,h)anthracene	25.52	278	4492	0.280	ng	95
39) Benzo(g,h,i)perylene	26.20	276	4803	0.297	ng	# 90

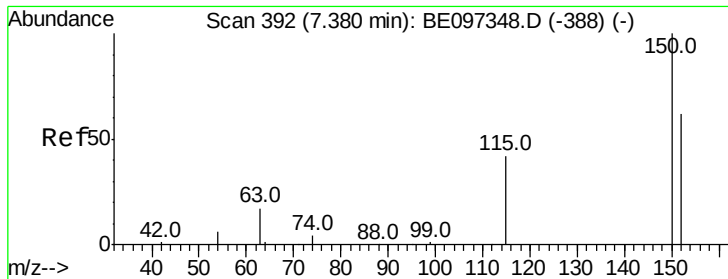
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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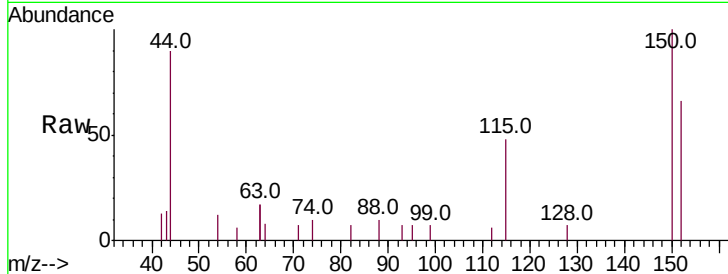


#1

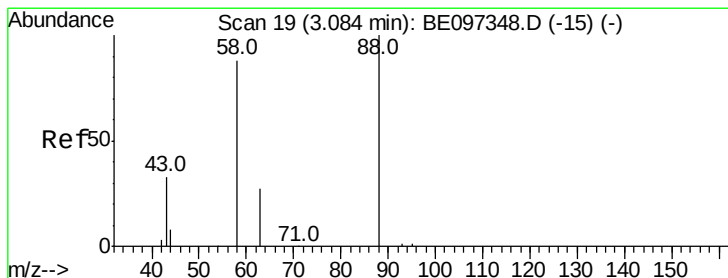
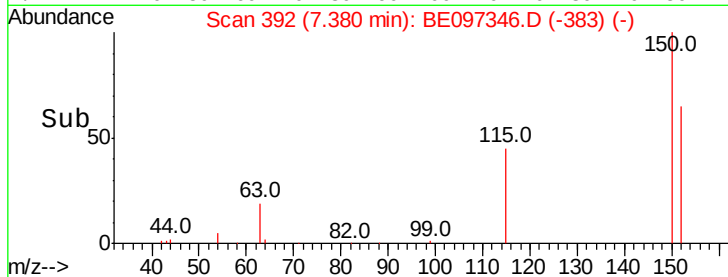
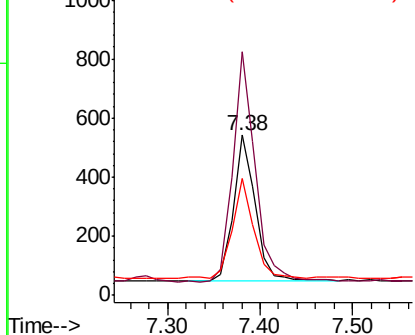
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
150 152.3 117.2 175.8
115 73.2 57.0 85.6



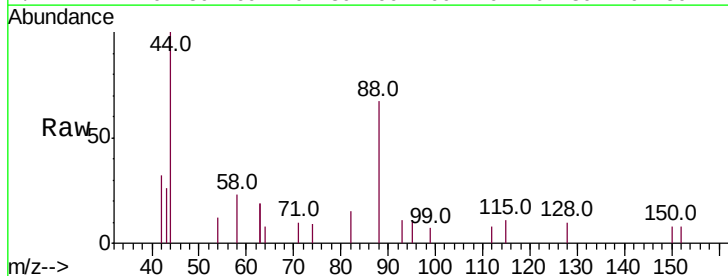
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



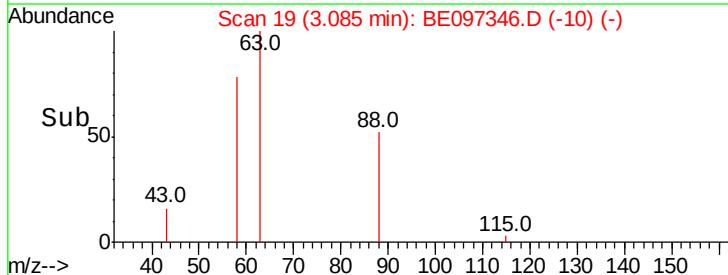
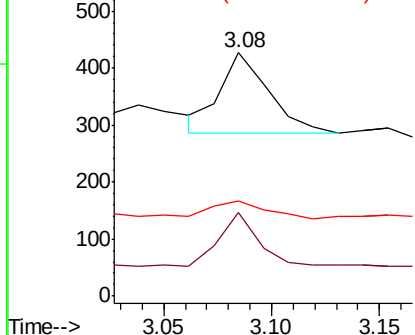
#2

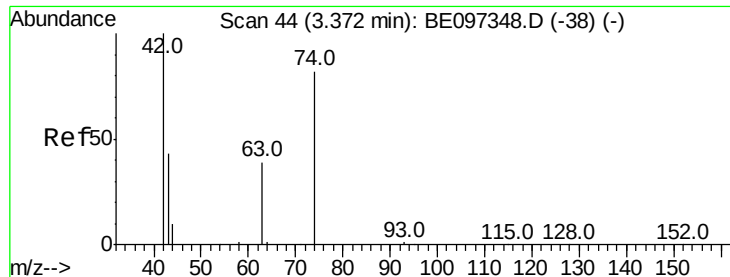
1,4-Dioxane
Concen: 0.173 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 52.9 63.2 94.8#
43 28.3 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.123 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampled :

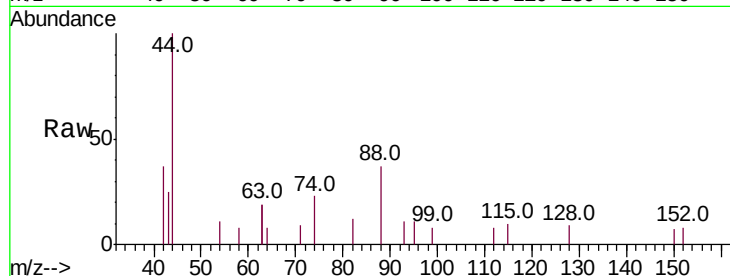
Tot Ion: 42 Resp: 138

Ion Ratio Lower Upper

42 100

74 126.8 96.0 144.0

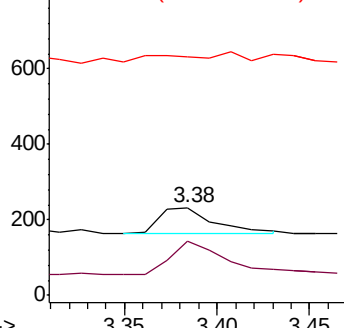
44 0.0 12.0 18.0#



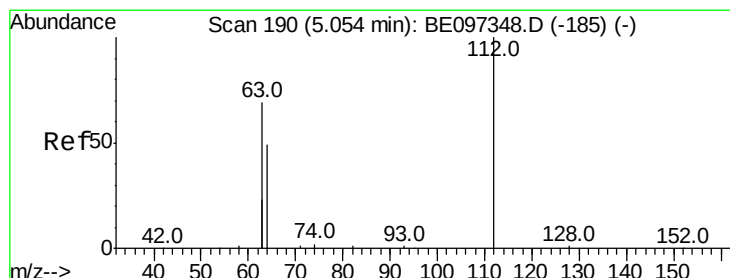
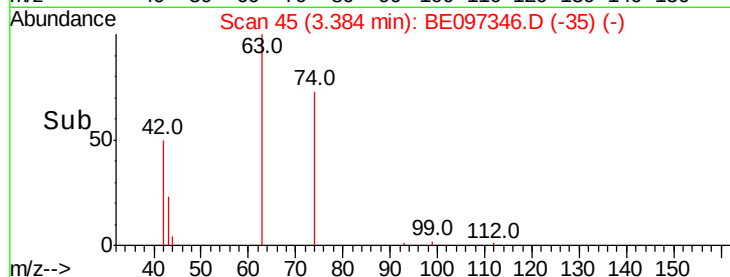
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

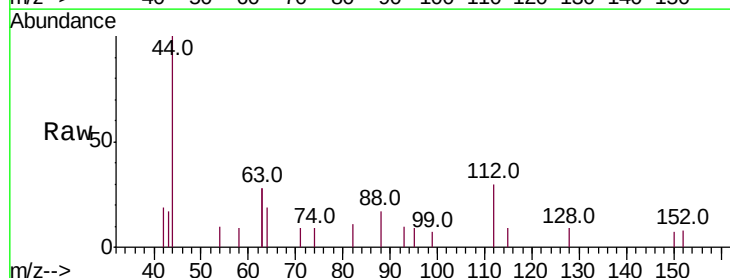
Tgt Ion: 112 Resp: 292

Ion Ratio Lower Upper

112 100

64 69.2 60.1 90.1

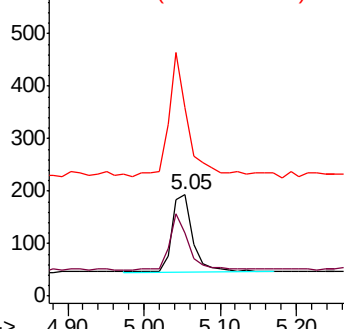
63 139.0 116.8 175.2



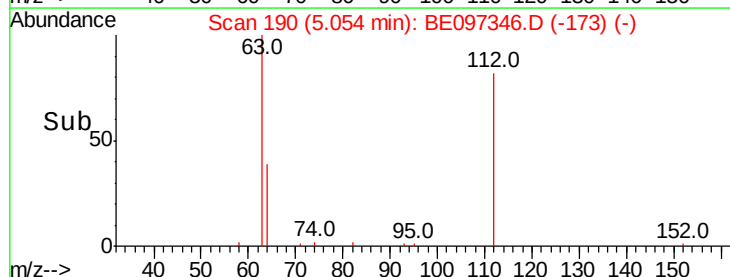
Abundance Ion 112.00 (111.70 to 112.70): E

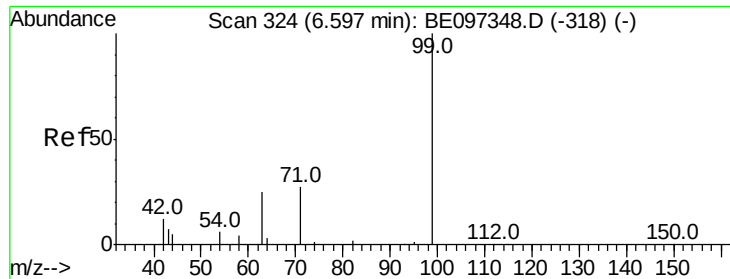
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.141 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

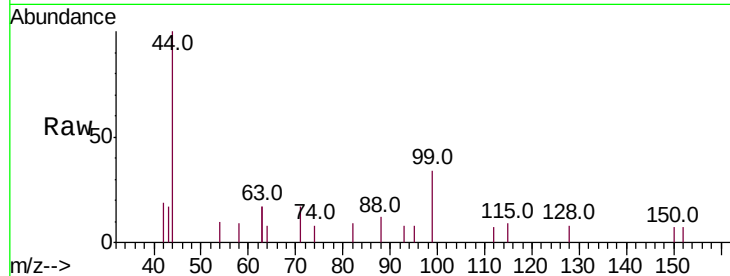
Tot Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

71 35.9 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

6.60

250

200

150

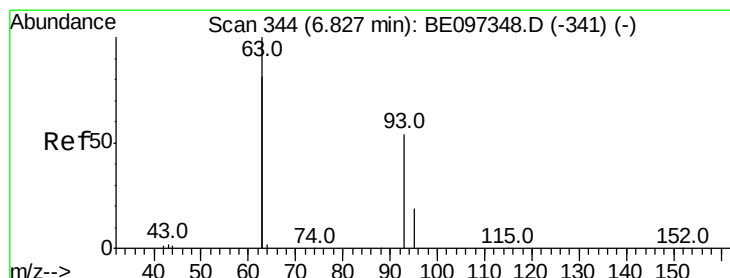
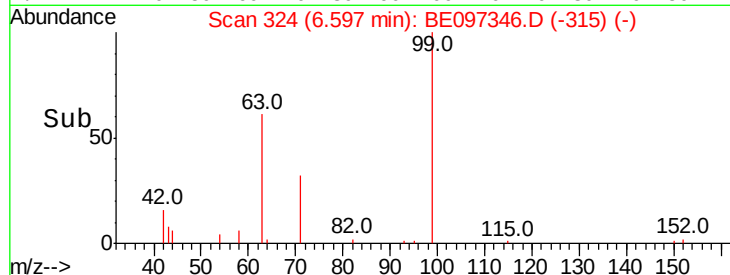
100

50

0

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.116 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

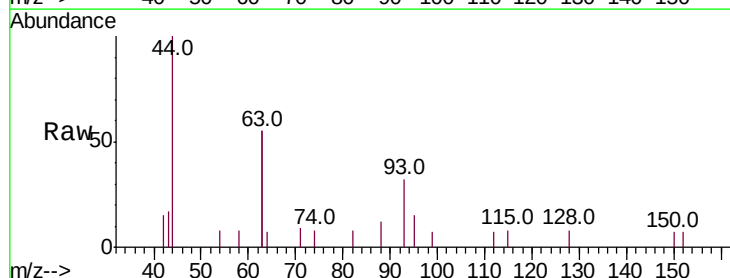
Tgt Ion: 93 Resp: 319

Ion Ratio Lower Upper

93 100

63 308.5 275.3 412.9

95 31.0 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

6.83

1000

800

600

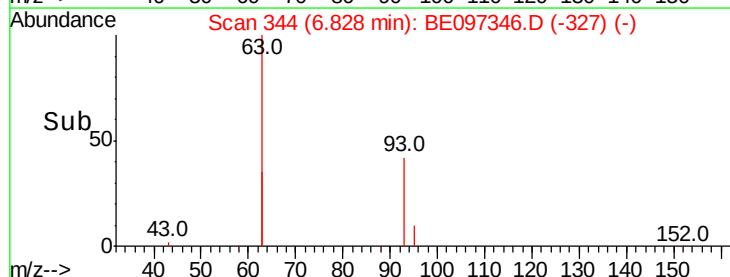
400

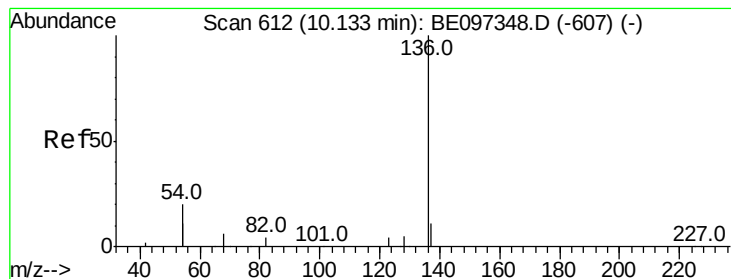
200

0

6.80 6.83 6.86 6.89 6.92

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3802

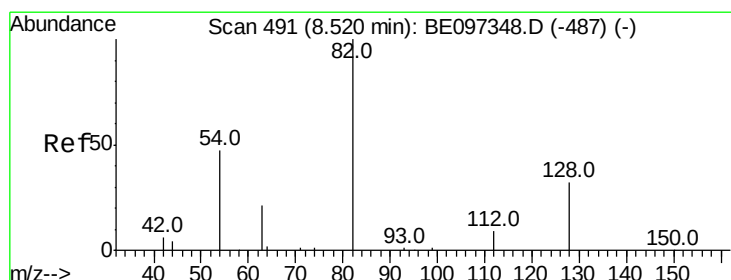
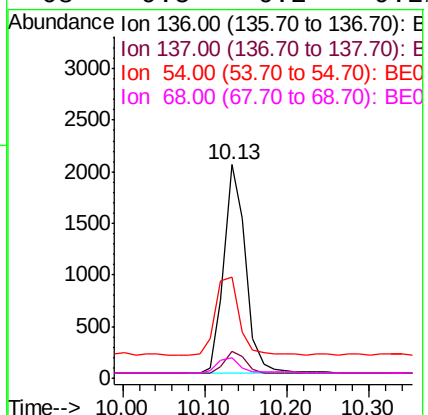
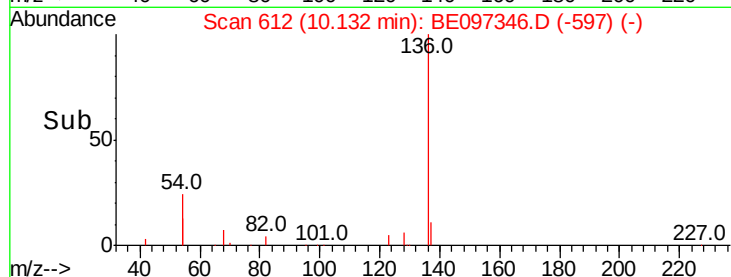
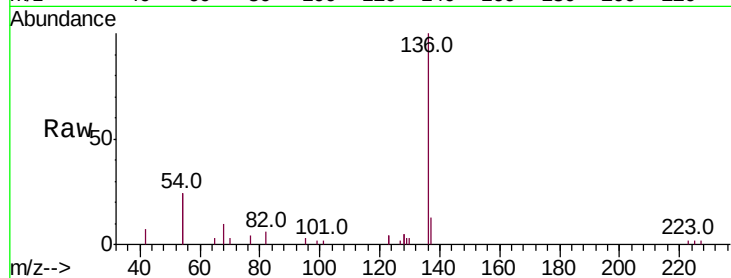
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 47.1 29.1 43.7#

68 9.5 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.181 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

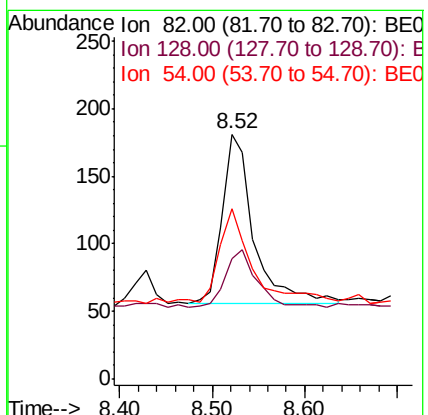
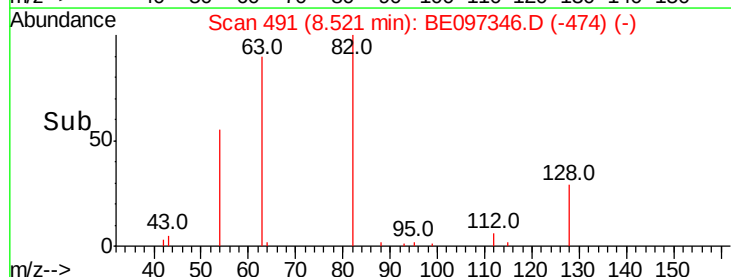
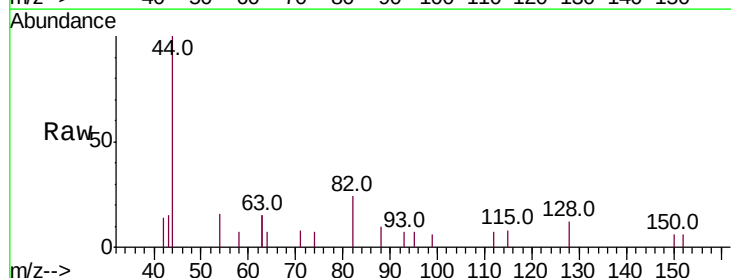
Tgt Ion: 82 Resp: 294

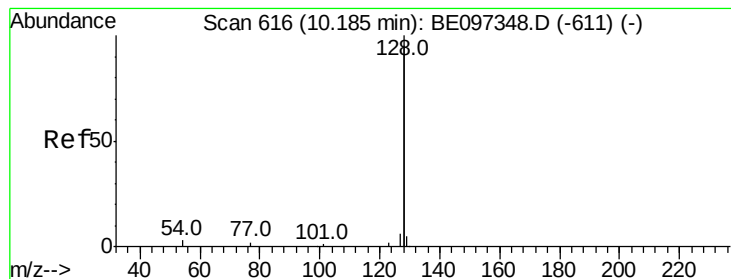
Ion Ratio Lower Upper

82 100

128 49.2 24.0 36.0#

54 69.6 40.0 60.0#





#9

Naphthalene

Concen: 0.109 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

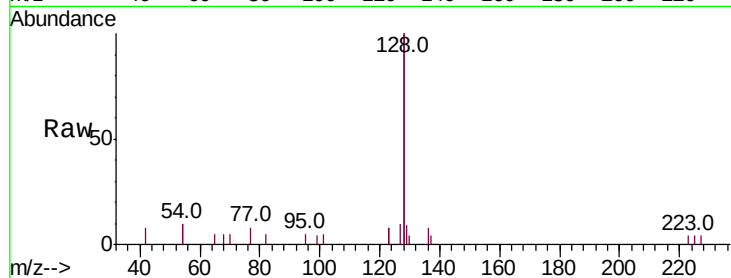
Tot Ion:128 Resp: 3813

Ion Ratio Lower Upper

128 100

129 4.7 2.6 3.8#

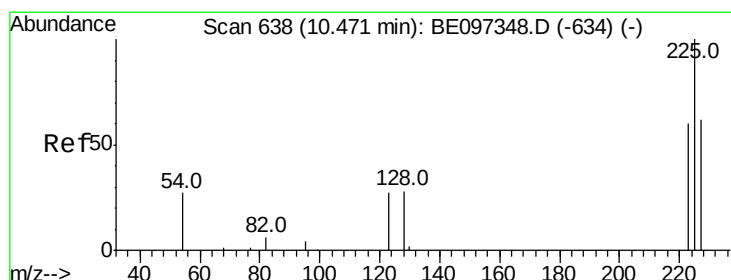
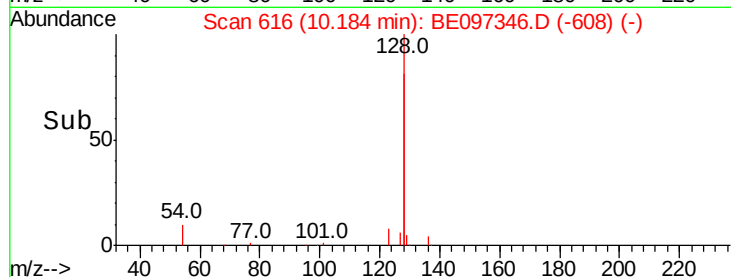
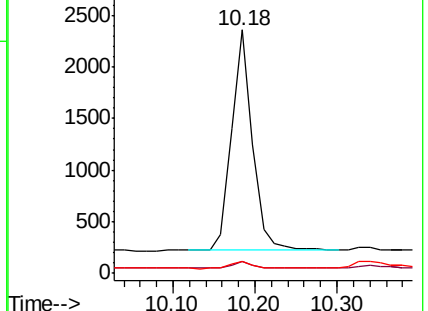
127 5.1 2.8 4.2#



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: 0.109 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

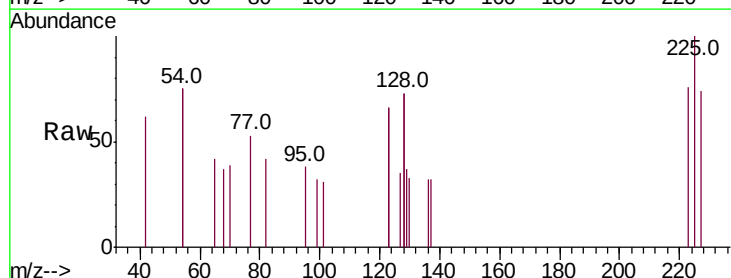
Tgt Ion:225 Resp: 167

Ion Ratio Lower Upper

225 100

223 68.9 53.0 79.6

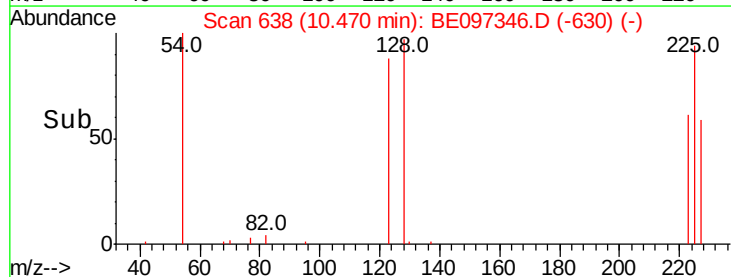
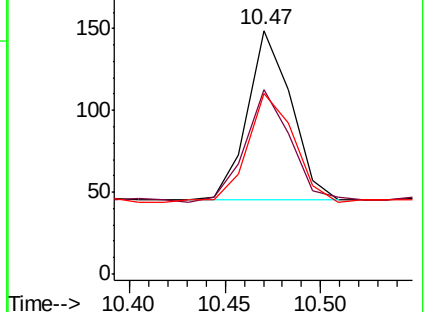
227 66.5 51.4 77.2

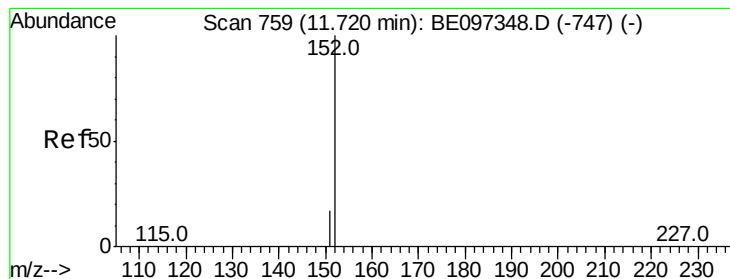


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.107 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

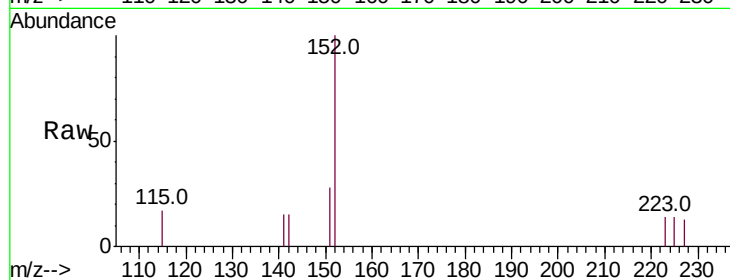
ClientSampleId :

Tot Ion:152 Resp: 551

Ion Ratio Lower Upper

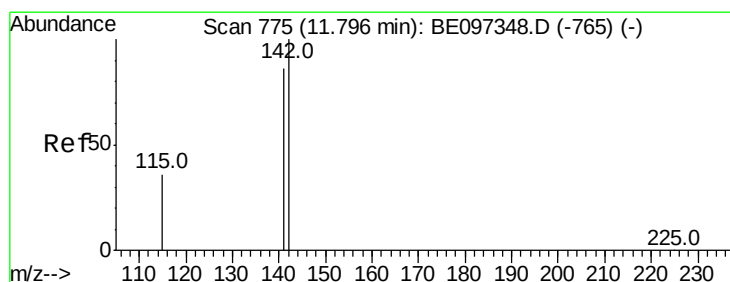
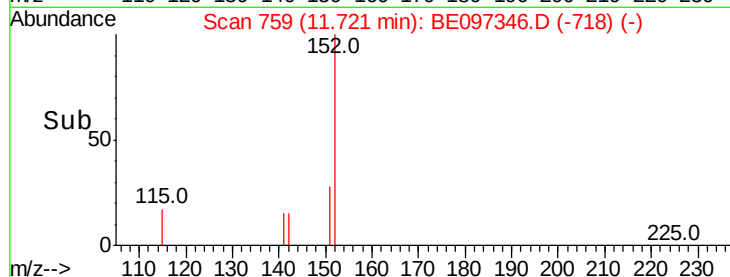
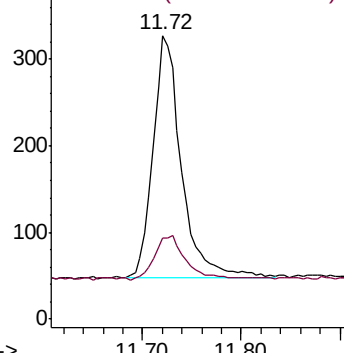
152 100

151 18.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.109 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

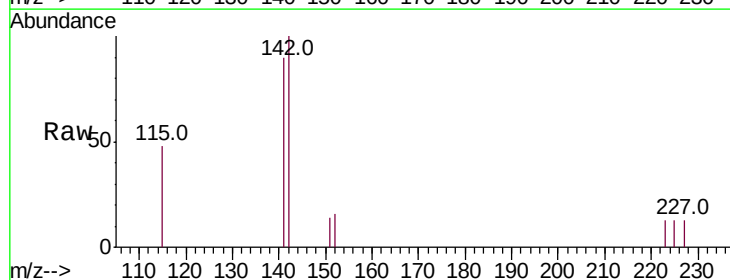
Tgt Ion:142 Resp: 571

Ion Ratio Lower Upper

142 100

141 90.5 70.4 105.6

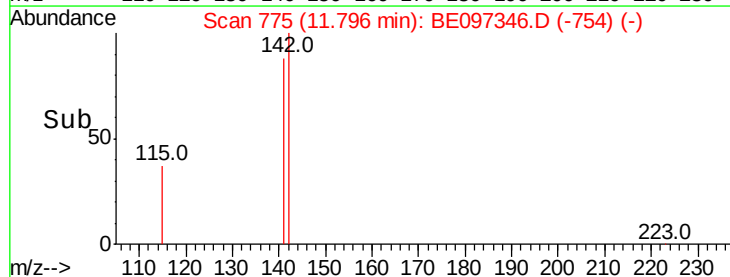
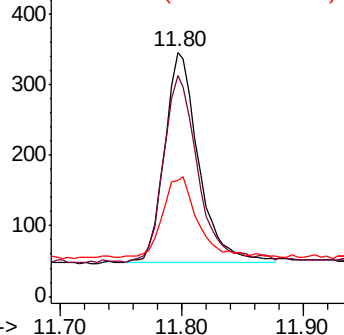
115 47.7 31.7 47.5#

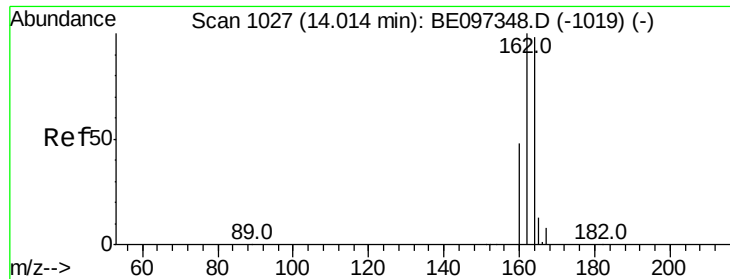


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

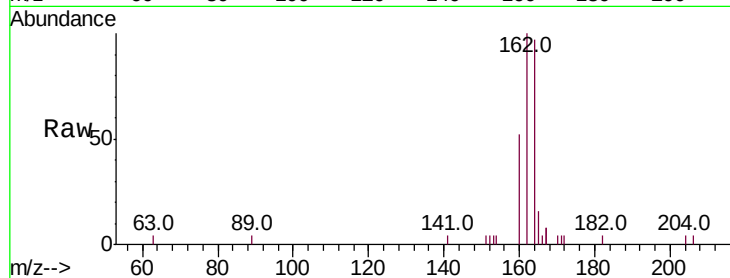
Tot Ion:164 Resp: 2060

Ion Ratio Lower Upper

164 100

162 103.1 83.1 124.7

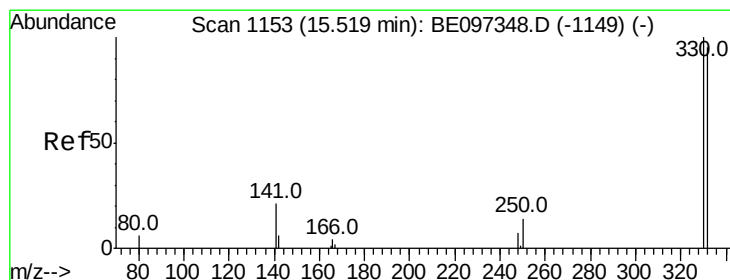
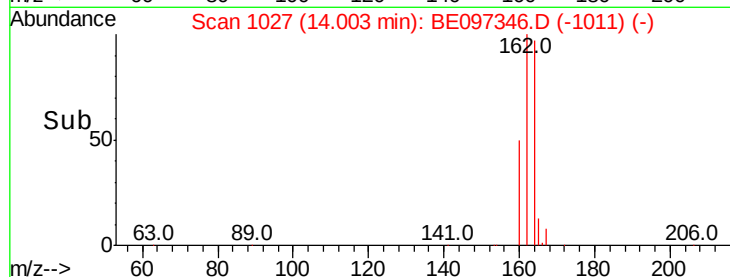
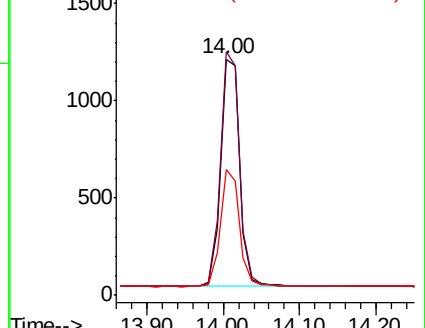
160 53.4 37.1 55.7



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: 0.215 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

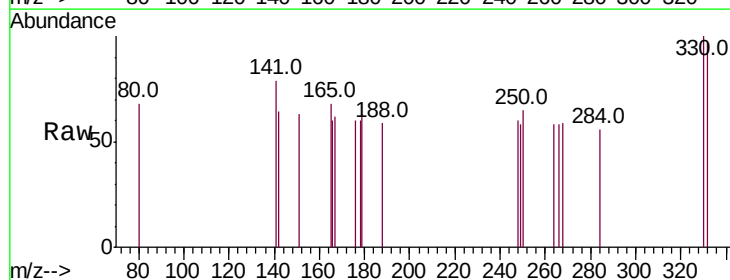
Tgt Ion:330 Resp: 73

Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

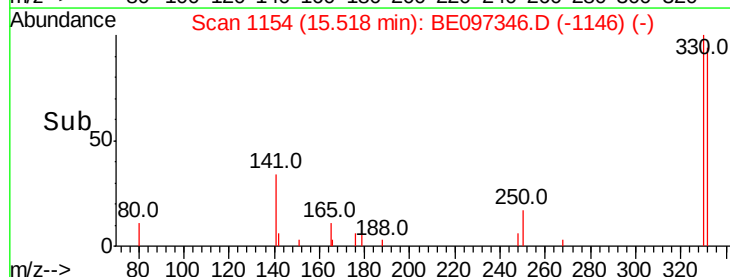
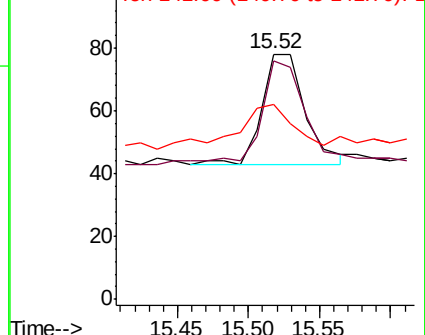
141 53.4 33.7 50.5#

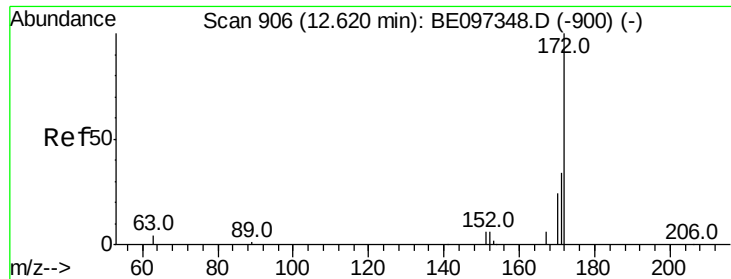


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

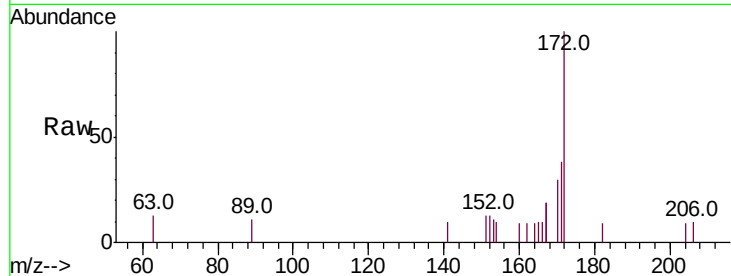




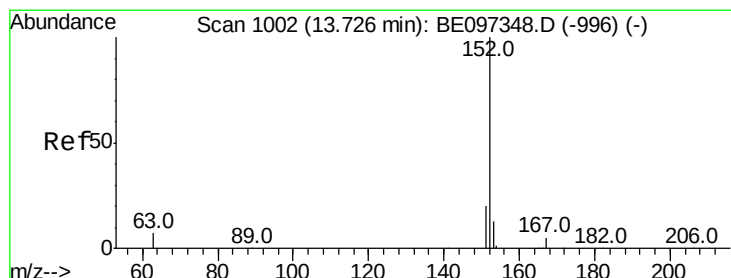
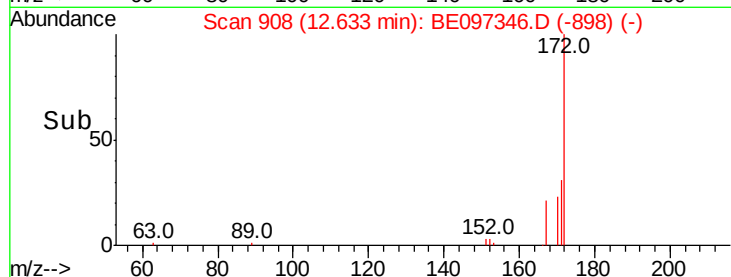
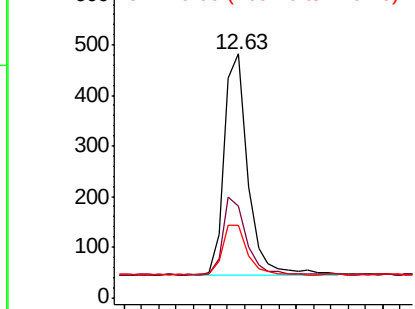
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 837
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 29.9 21.8 32.8

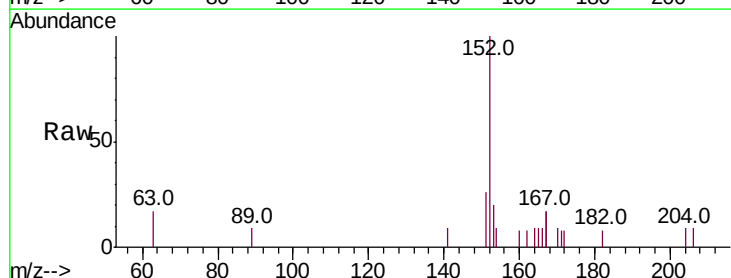


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

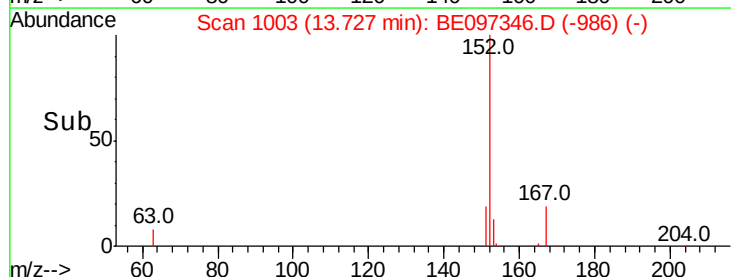
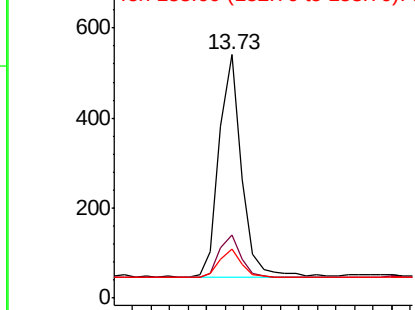


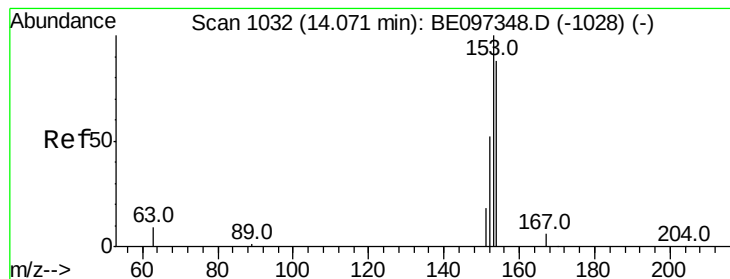
#16
Acenaphthylene
Concen: 0.107 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:152 Resp: 837
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 13.5 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: 0.106 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

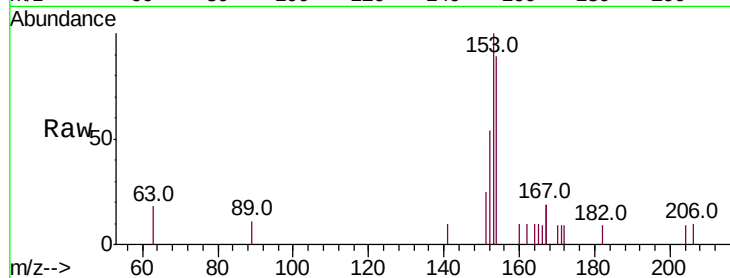
Tot Ion:154 Resp: 586

Ion Ratio Lower Upper

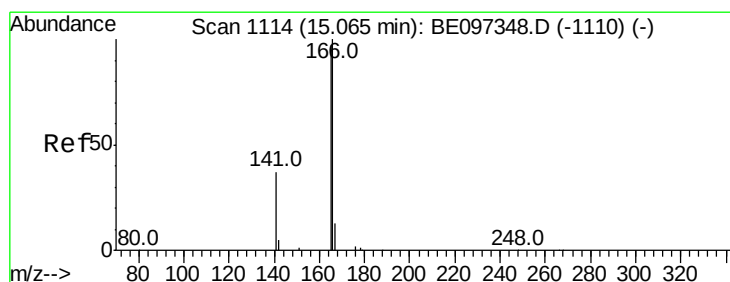
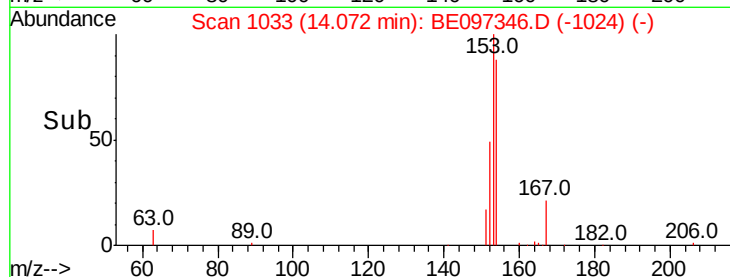
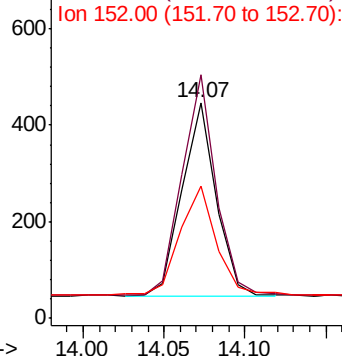
154 100

153 112.5 89.2 133.8

152 60.1 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: 0.108 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

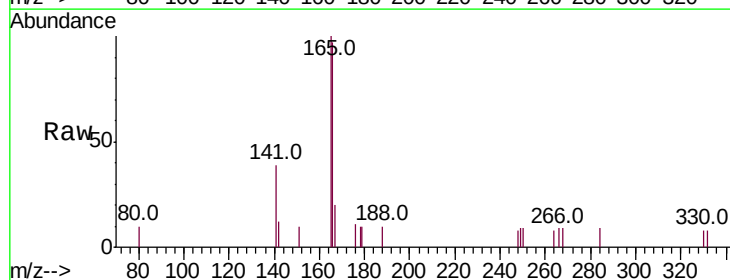
Tgt Ion:166 Resp: 730

Ion Ratio Lower Upper

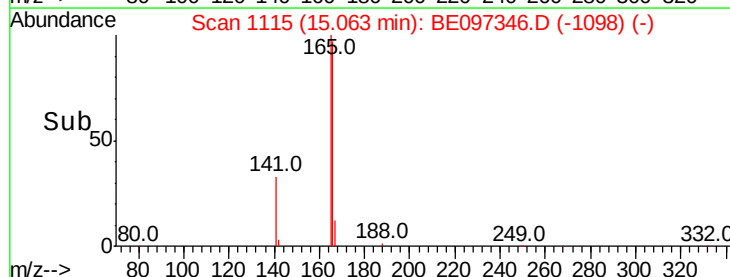
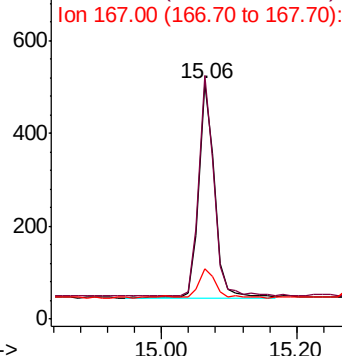
166 100

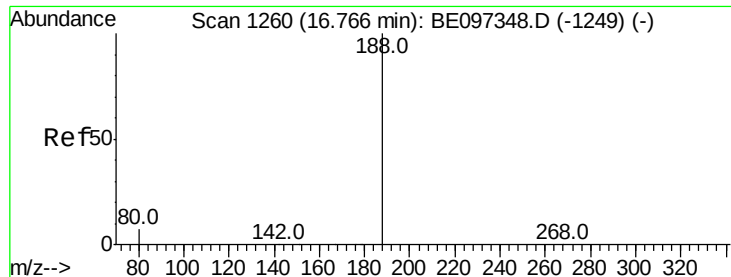
165 100.5 77.8 116.6

167 14.4 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: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampled :

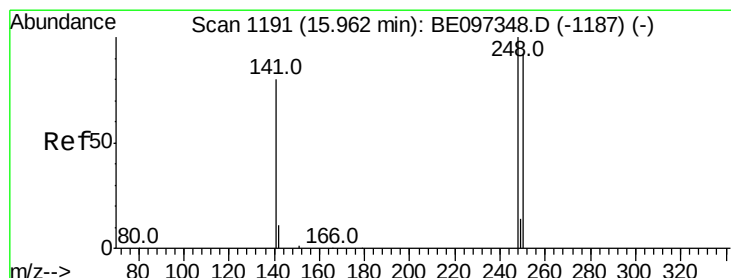
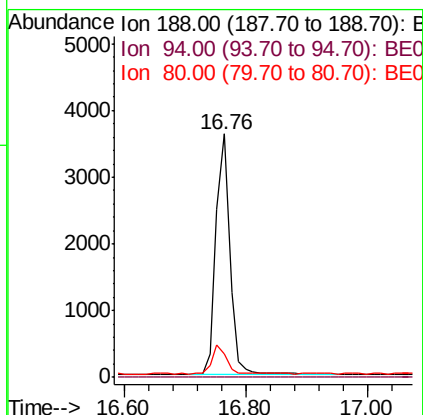
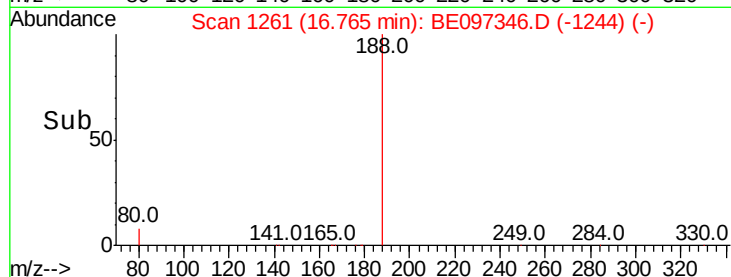
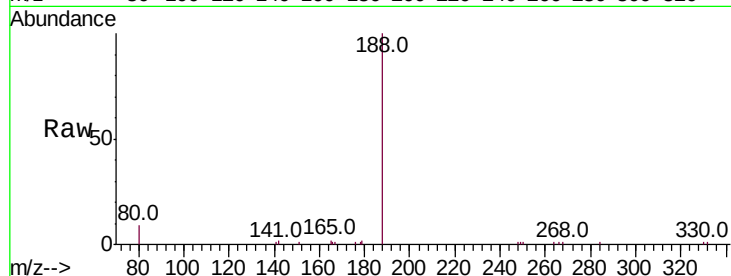
Tot Ion:188 Resp: 5617

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.5 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.106 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

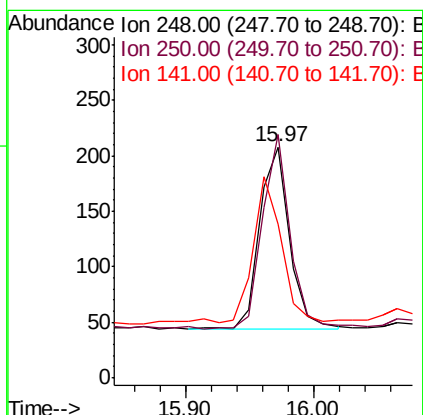
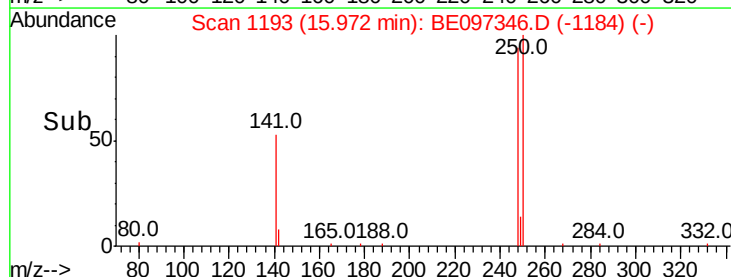
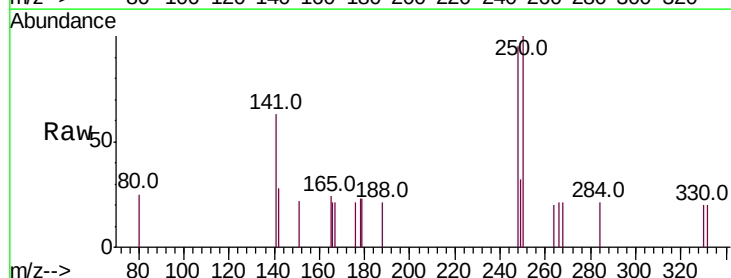
Tgt Ion:248 Resp: 268

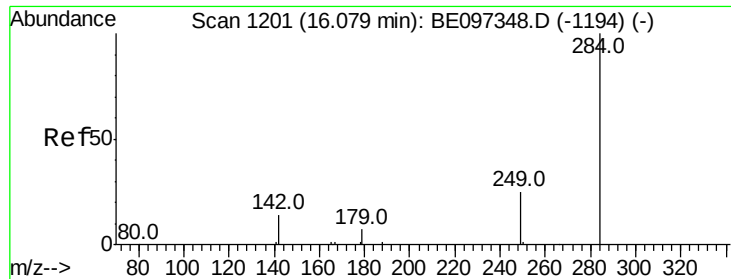
Ion Ratio Lower Upper

248 100

250 105.3 62.7 94.1#

141 66.8 48.2 72.2

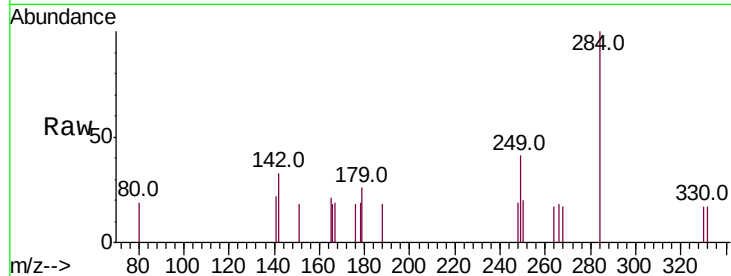




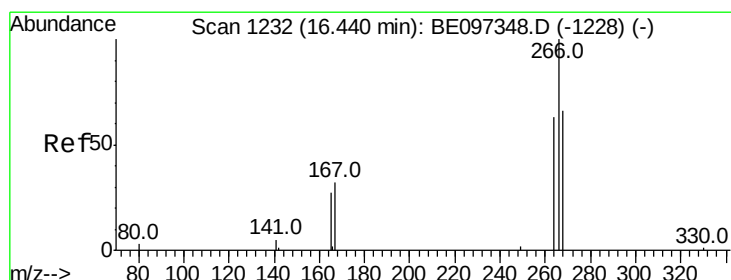
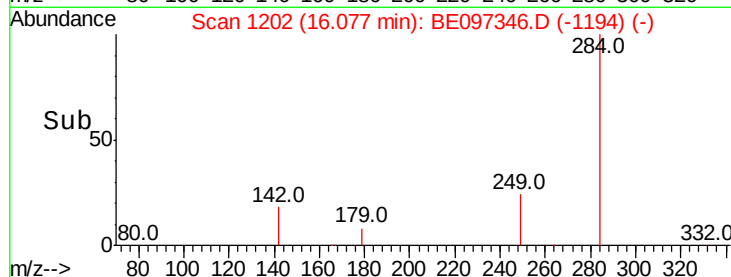
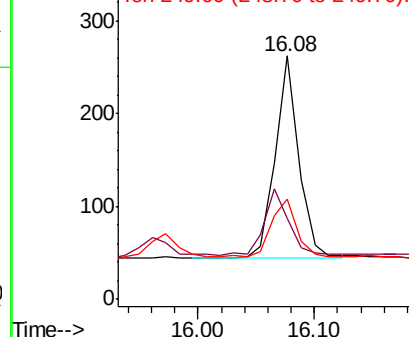
#21
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 310
Ion Ratio Lower Upper
284 100
142 32.3 22.1 33.1
249 29.7 34.8 52.2#

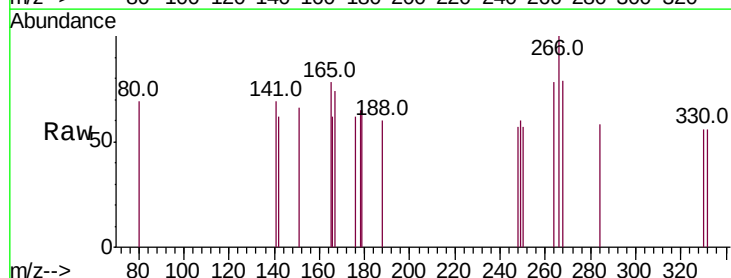


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

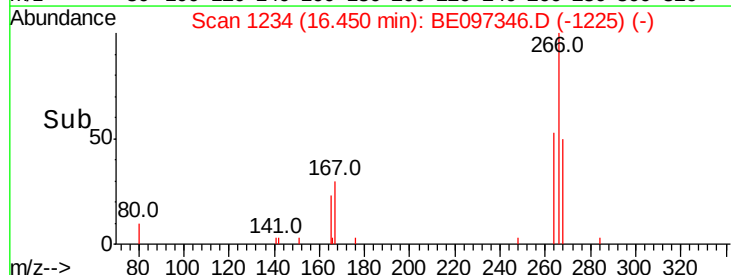
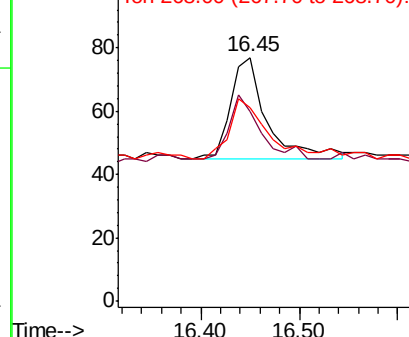


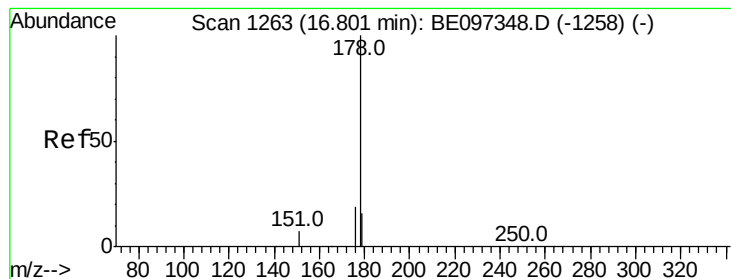
#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:266 Resp: 81
Ion Ratio Lower Upper
266 100
264 77.9 72.5 108.7
268 79.2 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.104 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

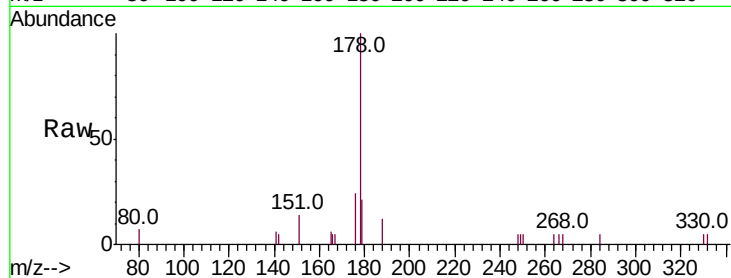
Tot Ion:178 Resp: 1428

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

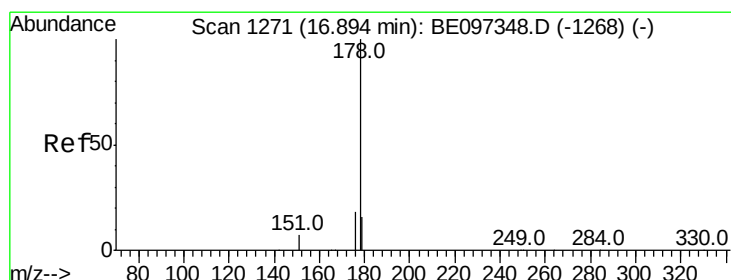
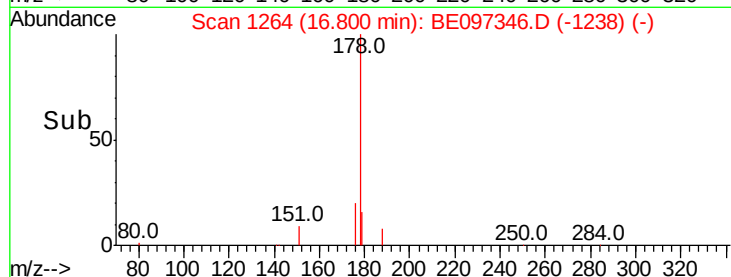
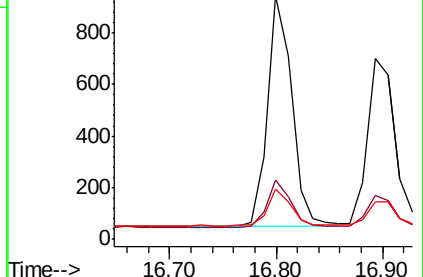
179 15.2 11.8 17.6



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: 0.114 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

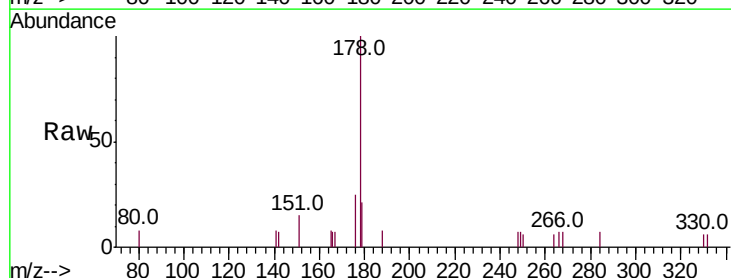
Tgt Ion:178 Resp: 1155

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

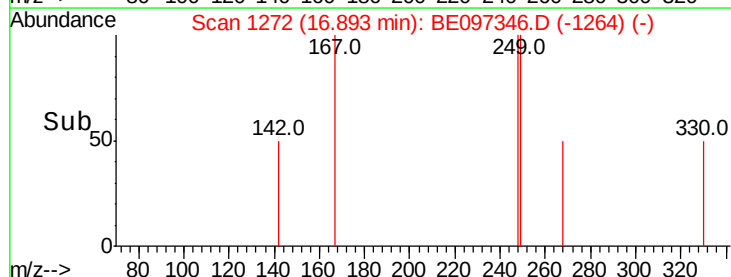
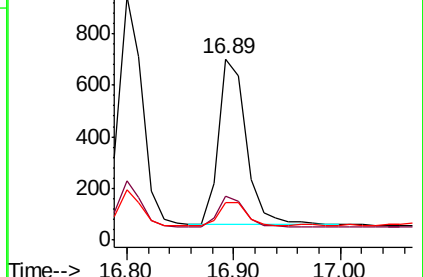
179 15.2 13.0 19.6

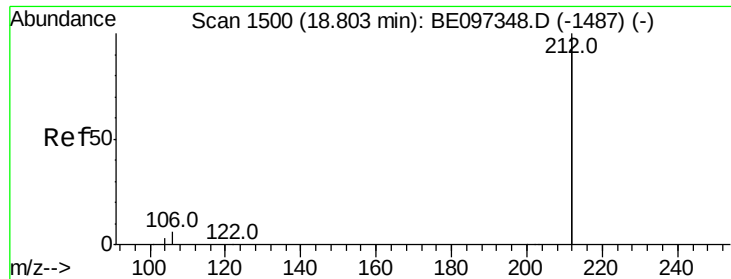


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.139 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

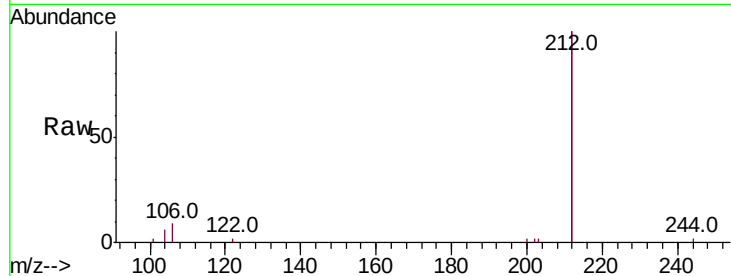
Tot Ion:212 Resp: 6961

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

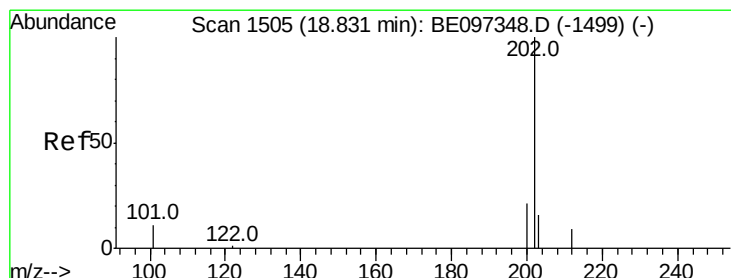
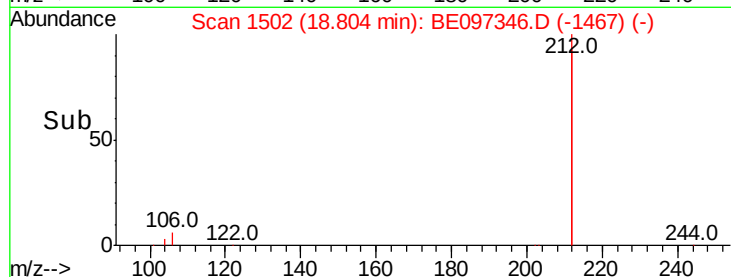
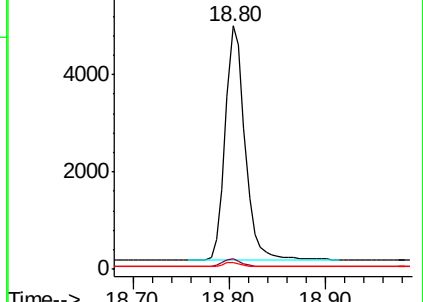
104 1.9 1.6 2.4



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: 0.135 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

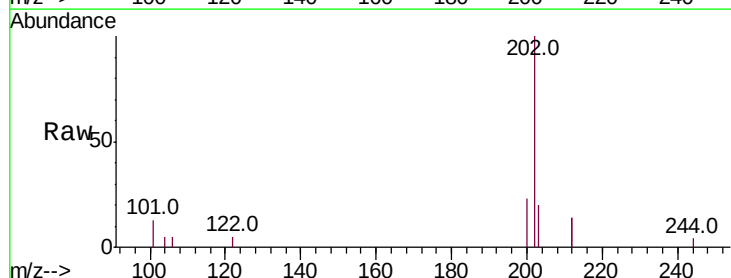
Tgt Ion:202 Resp: 1783

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

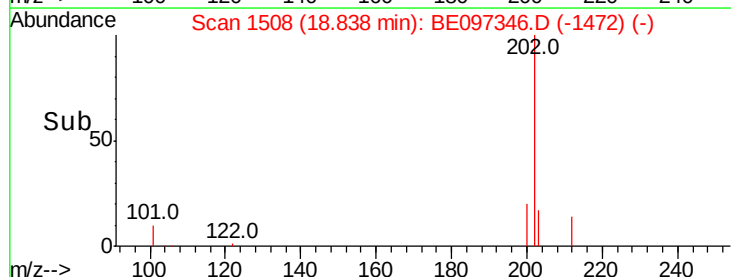
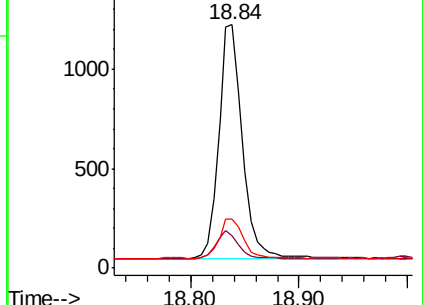
203 17.7 13.7 20.5

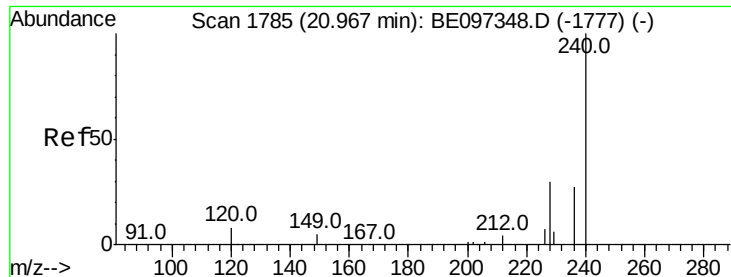


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

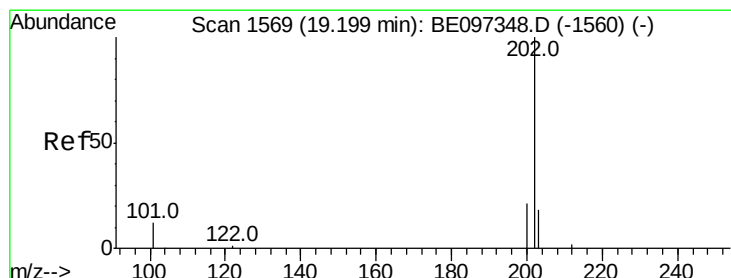
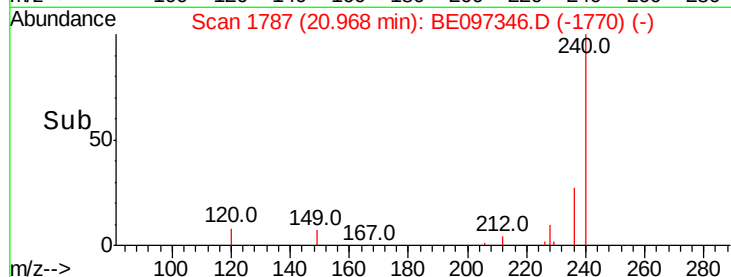
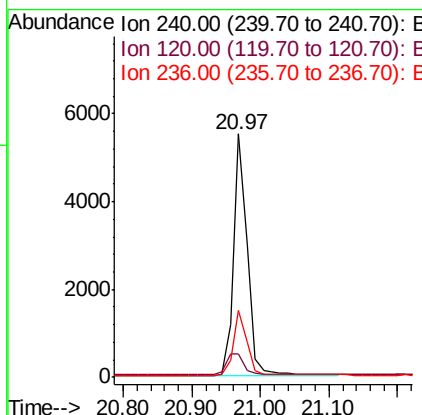
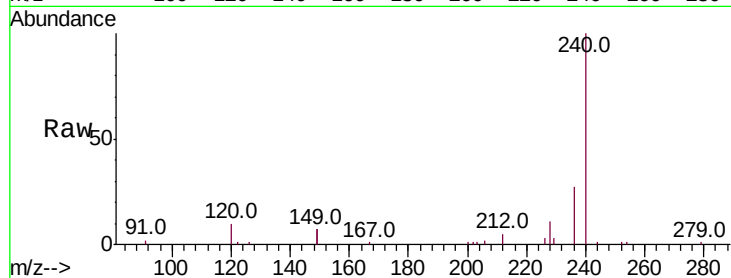




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

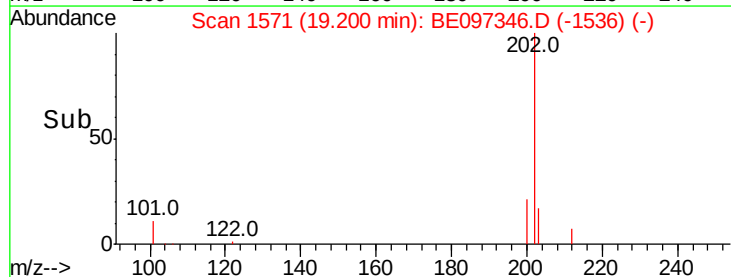
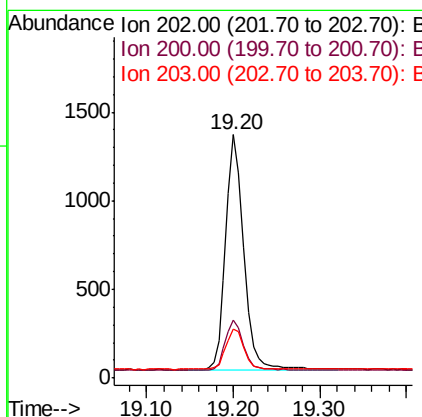
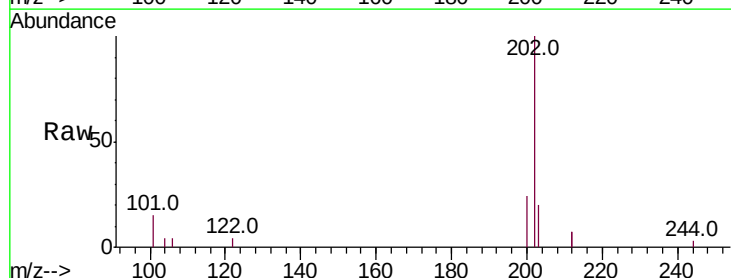
Instrument :
 BNA_E
 ClientSampleId :

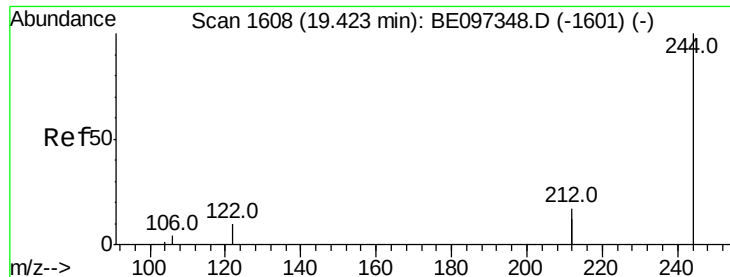
Tot Ion:240 Resp: 7561
 Ion Ratio Lower Upper
 240 100
 120 9.7 5.5 8.3#
 236 27.5 20.7 31.1



#28
 Pyrene
 Concen: 0.095 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

Tgt Ion:202 Resp: 1921
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.6 25.0
 203 17.1 13.8 20.8

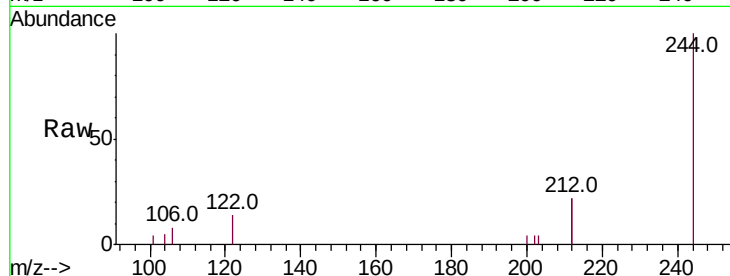




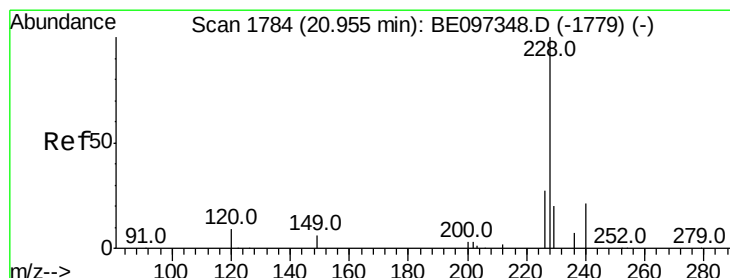
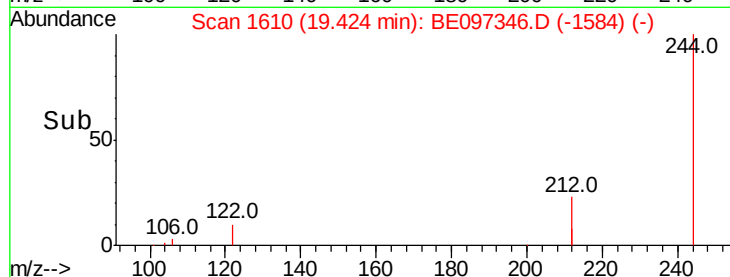
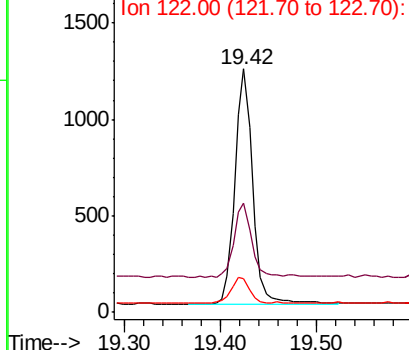
#29
 Terphenyl-d14
 Concen: 0.103 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 1554
 Ion Ratio Lower Upper
 244 100
 212 44.7 25.4 38.0#
 122 13.9 8.1 12.1#

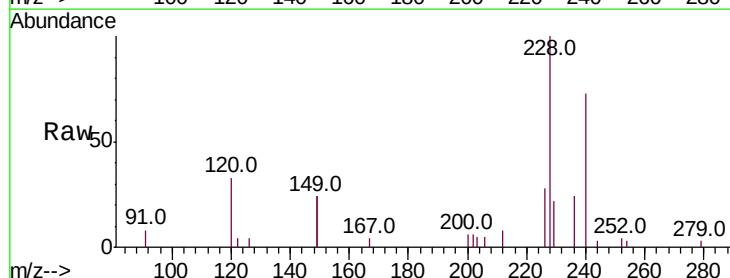


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

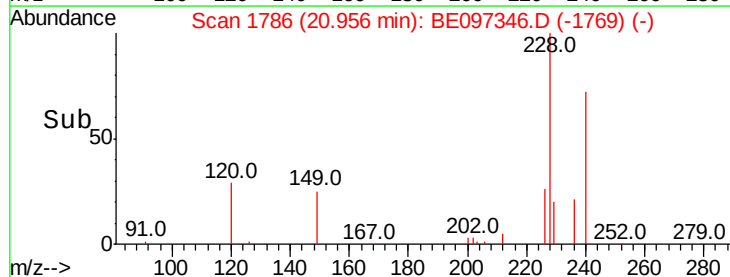
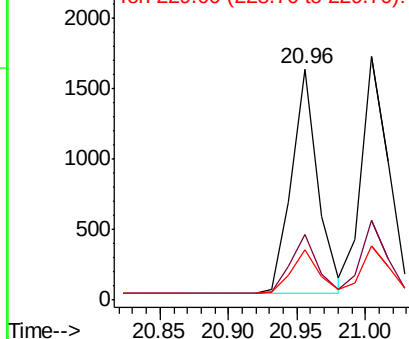


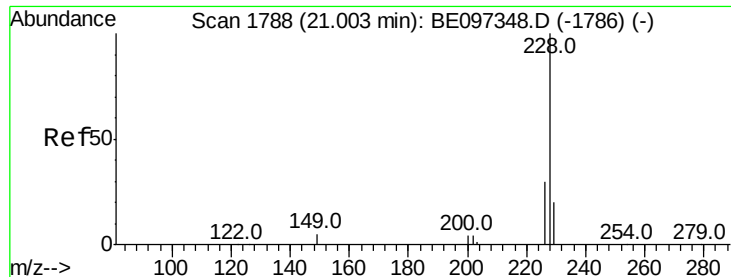
#30
 Benzo(a)anthracene
 Concen: 0.131 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

Tgt Ion:228 Resp: 2131
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.0 36.0
 229 22.0 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: 0.107 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

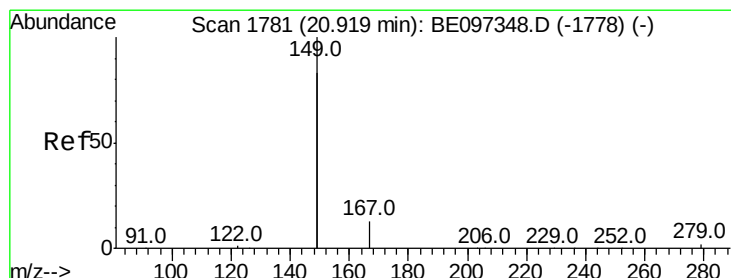
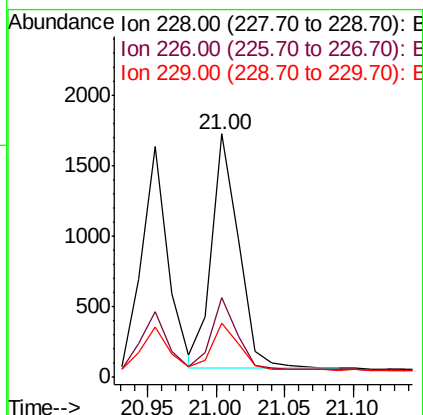
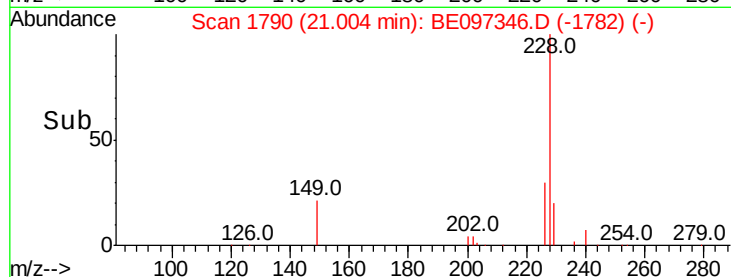
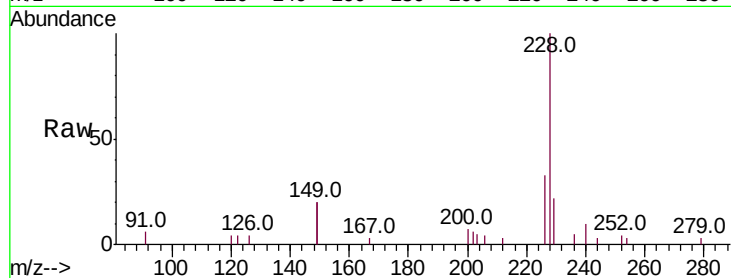
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 2289

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	22.2	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.432 ng

RT: 20.92 min Scan# 1783

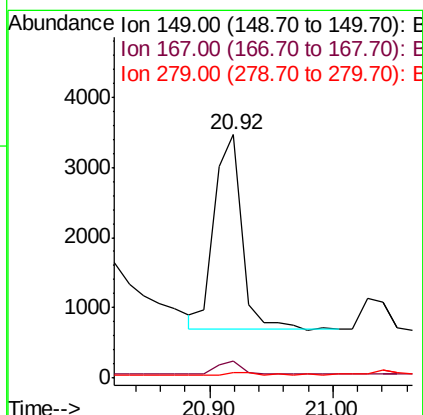
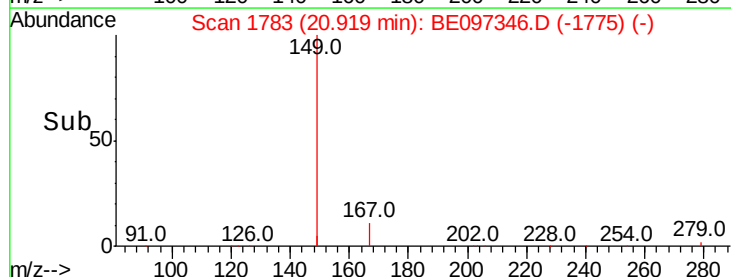
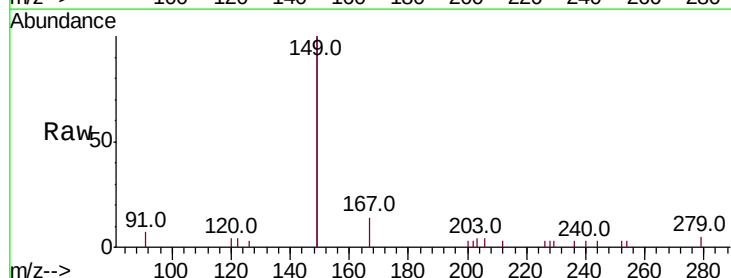
Delta R.T. 0.00 min

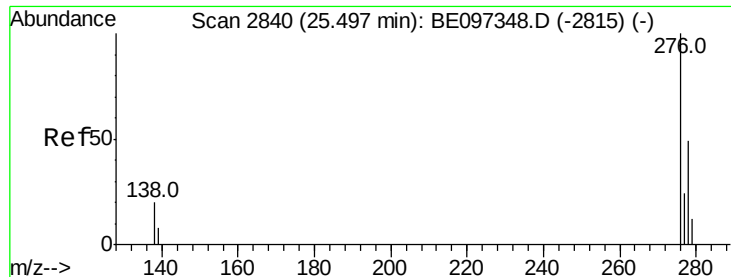
Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Tgt Ion:149 Resp: 4274

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	0.9	0.7	1.1

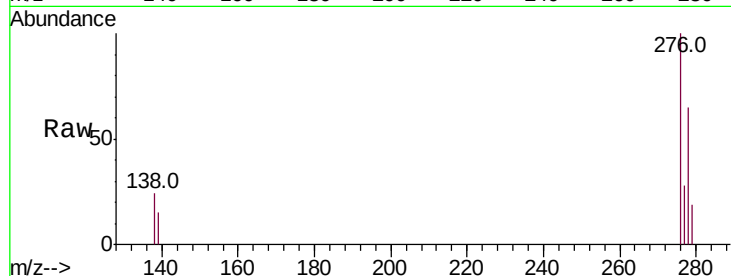




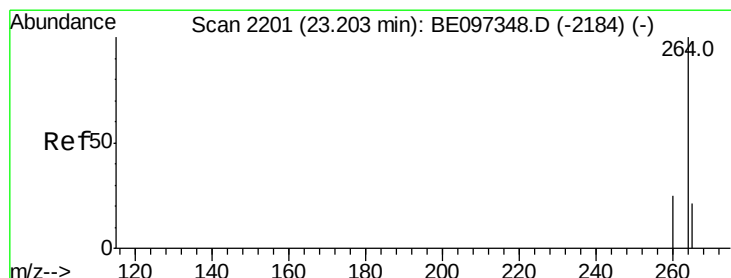
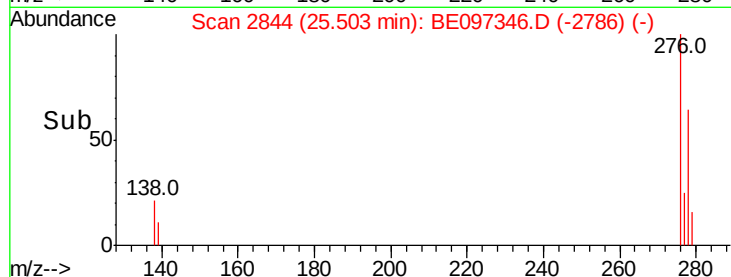
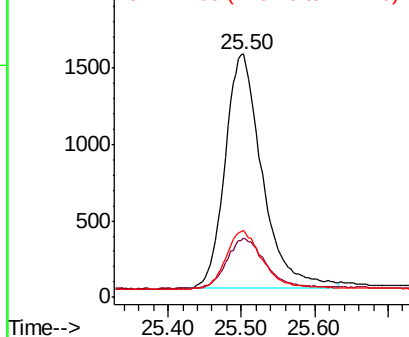
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.403 ng
 RT: 25.50 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5456
 Ion Ratio Lower Upper
 276 100
 138 22.0 22.5 33.7#
 277 24.9 19.9 29.9

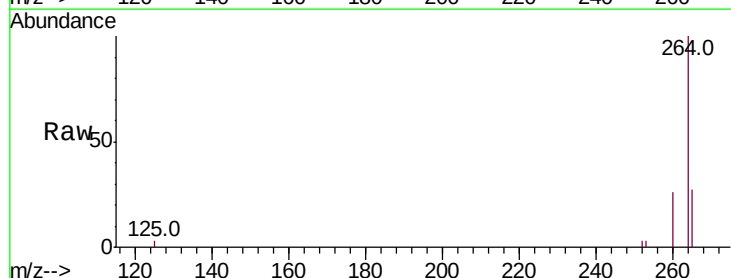


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

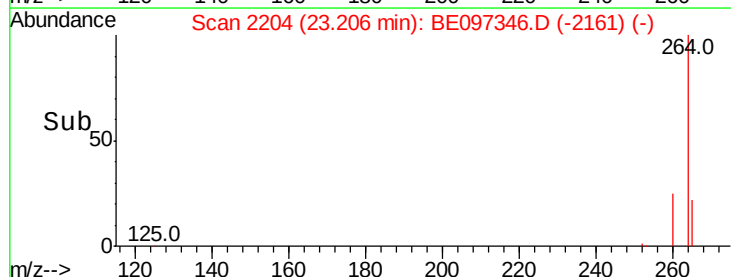
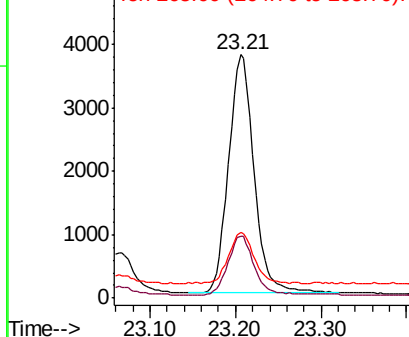


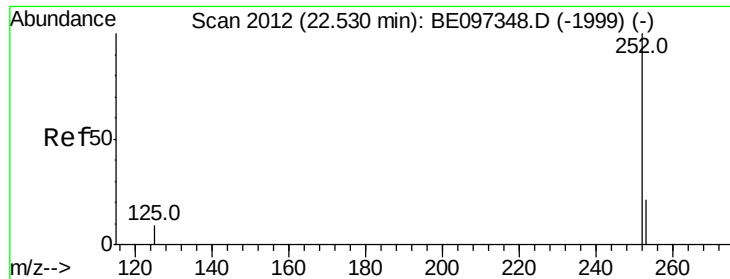
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097346.D
 Acq: 22 Aug 2018 14:11

Tgt Ion:264 Resp: 7820
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 26.9 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

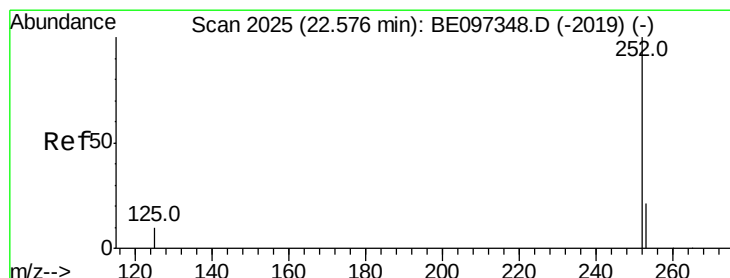
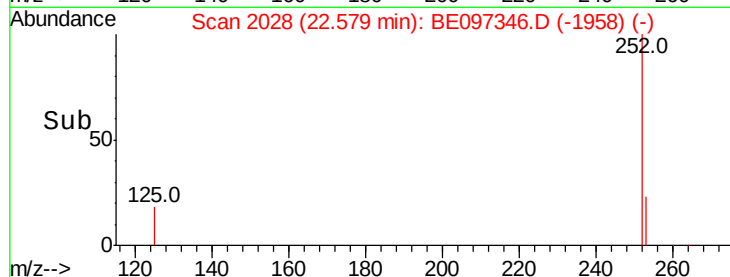
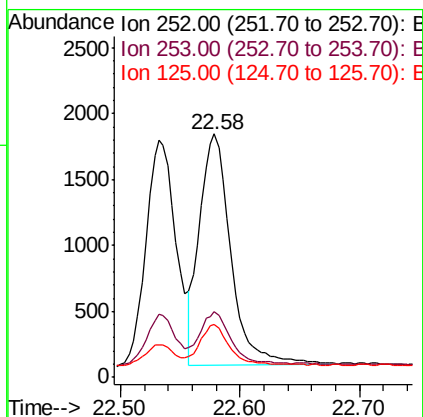
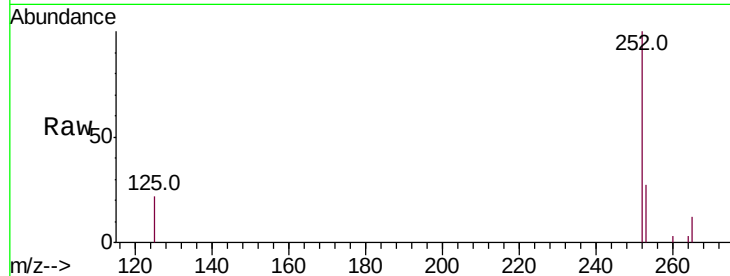




#35
Benzo(b)fluoranthene
Concen: 0.155 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.05 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

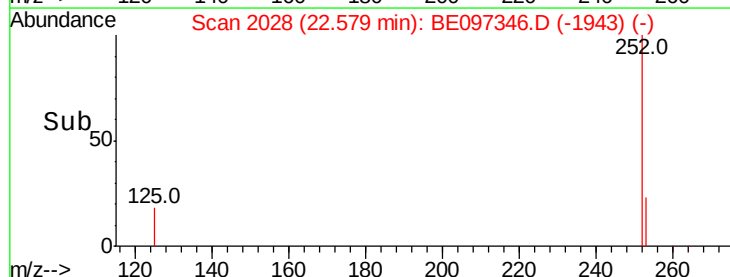
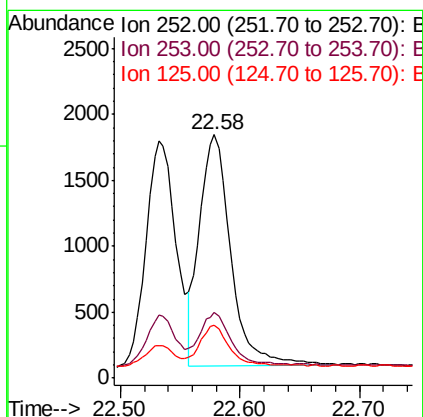
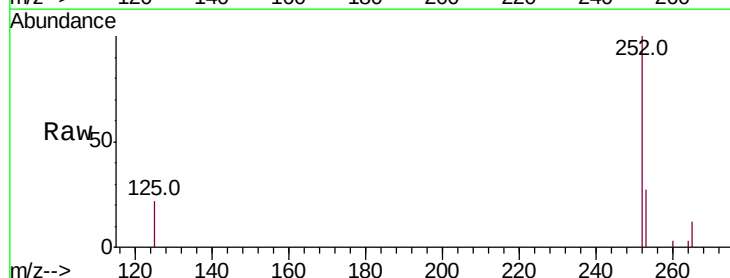
Instrument :
BNA_E
ClientSampleId :

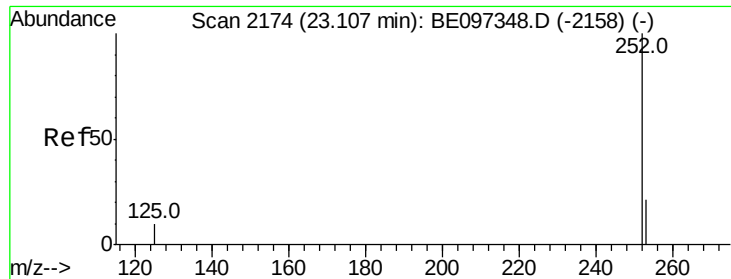
Tot Ion:252 Resp: 3193
Ion Ratio Lower Upper
252 100
253 26.8 20.0 30.0
125 21.8 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.110 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097346.D
Acq: 22 Aug 2018 14:11

Tgt Ion:252 Resp: 3193
Ion Ratio Lower Upper
252 100
253 26.8 16.0 24.0#
125 21.8 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.130 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

Instrument :

BNA_E

ClientSampleId :

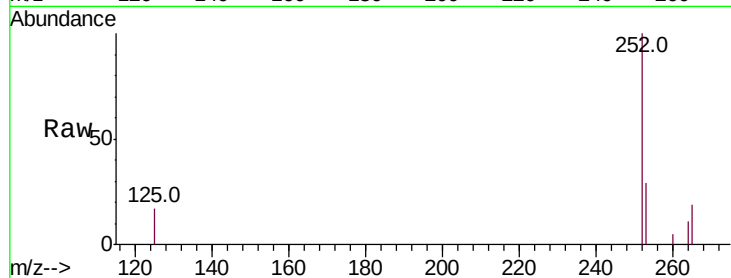
Tot Ion:252 Resp: 2447

Ion Ratio Lower Upper

252 100

253 29.2 16.0 24.0#

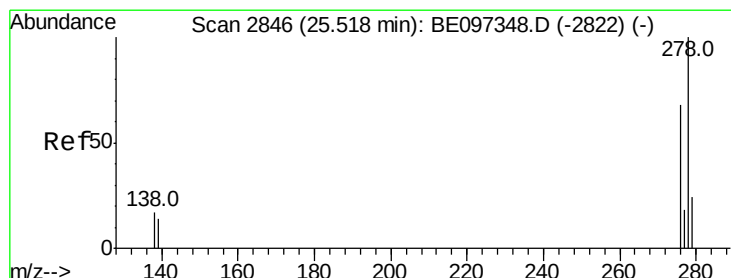
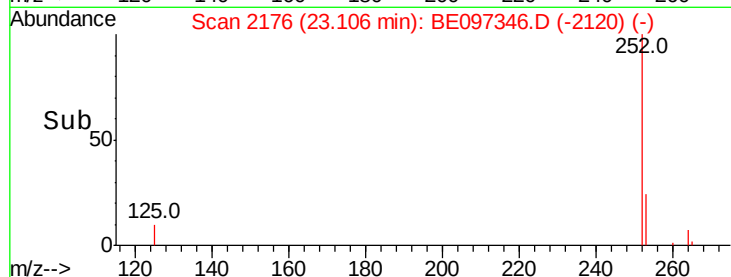
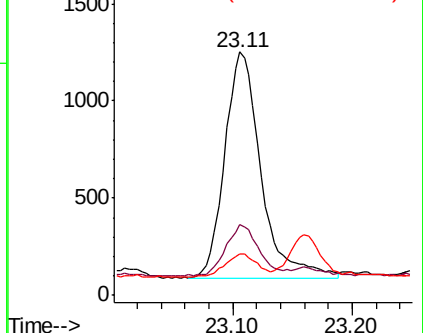
125 16.8 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.280 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

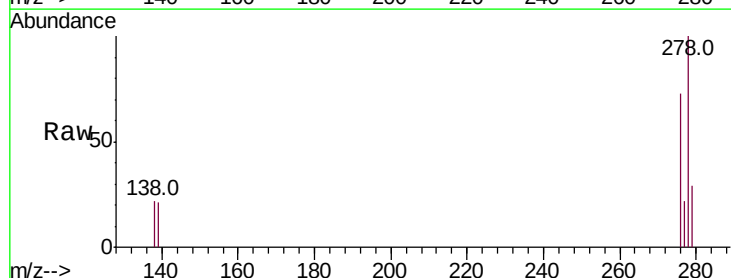
Tgt Ion:278 Resp: 4492

Ion Ratio Lower Upper

278 100

139 21.1 16.0 24.0

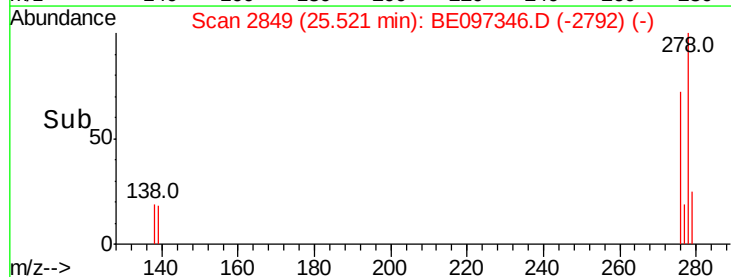
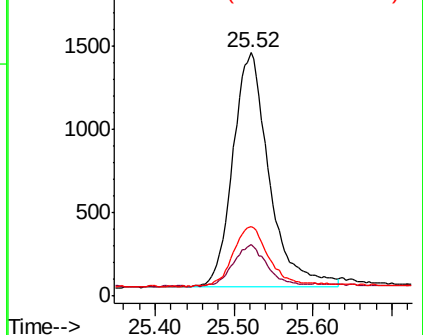
279 28.5 20.0 30.0

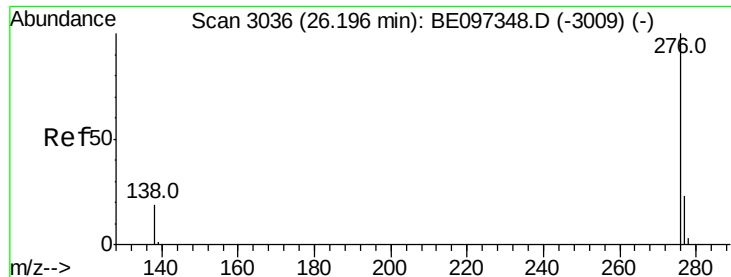


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.297 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.00 min

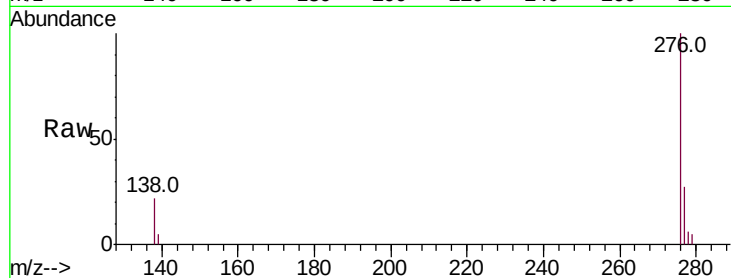
Lab File: BE097346.D

Acq: 22 Aug 2018 14:11

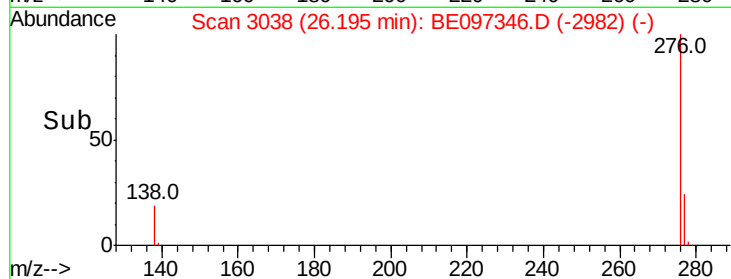
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	4803
Ion	Ratio	Lower	Upper
276	100		
277	27.0	16.0	24.0#
138	22.0	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

