

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097914.D
 Acq On : 16 Oct 2018 17:38
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 17 07:03:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1618	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6956	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	4393	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	11547	0.40	ng	0.00
27) Chrysene-d12	21.49	240	16293	0.40	ng	0.00
34) Perylene-d12	24.04	264	16107	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2045	0.40	ng	0.00
5) Phenol-d6	7.06	99	2913	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	2522	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4626	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1033	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	7000	0.39	ng	0.00
25) Fluoranthene-d10	19.33	212	65494	0.42	ng	0.00
29) Terphenyl-d14	19.92	244	19205	0.51	ng	0.00

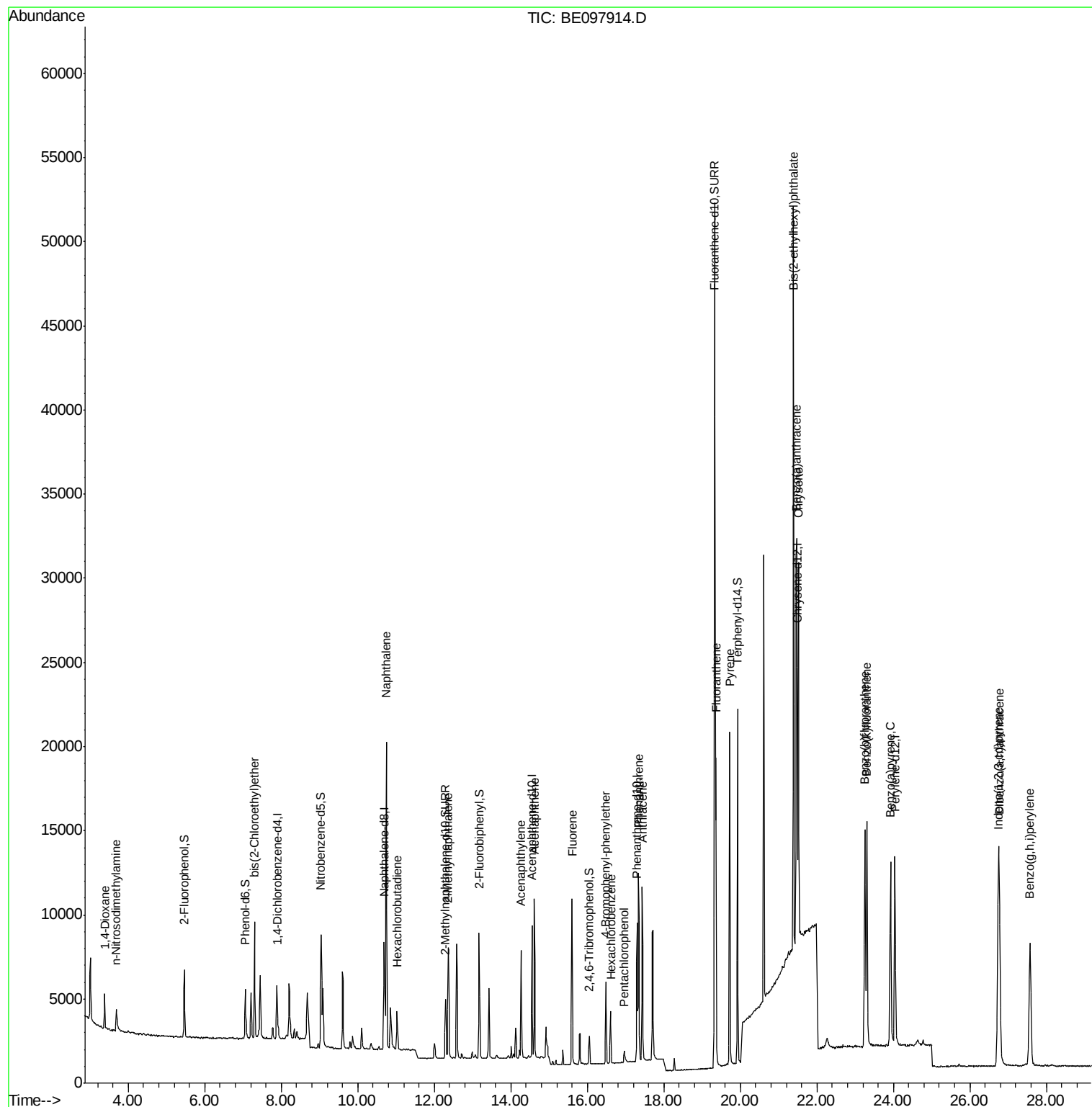
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1263	0.448	ng	91
3) n-Nitrosodimethylamine	3.69	42	1133	0.360	ng	# 95
6) bis(2-Chloroethyl)ether	7.31	93	2407	0.376	ng	89
9) Naphthalene	10.74	128	28636	0.413	ng	100
10) Hexachlorobutadiene	11.03	225	1569	0.420	ng	94
12) 2-Methylnaphthalene	12.37	142	4662	0.393	ng	98
16) Acenaphthylene	14.27	152	7979	0.393	ng	99
17) Acenaphthene	14.62	154	4941	0.398	ng	99
18) Fluorene	15.60	166	6862	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	2622	0.416	ng	92
21) Hexachlorobenzene	16.62	284	2559	0.412	ng	98
22) Pentachlorophenol	16.96	266	566	0.381	ng	93
23) Phenanthrene	17.34	178	12052	0.411	ng	100
24) Anthracene	17.43	178	11147	0.402	ng	99
26) Fluoranthene	19.36	202	16313	0.424	ng	97
28) Pyrene	19.72	202	18022	0.383	ng	99
30) Benzo(a)anthracene	21.46	228	20419	0.409	ng	98
31) Chrysene	21.52	228	19478	0.412	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	47083	0.407	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	21087	0.405	ng	99
35) Benzo(b)fluoranthene	23.25	252	18602	0.401	ng	# 95
36) Benzo(k)fluoranthene	23.31	252	19476	0.403	ng	# 95
37) Benzo(a)pyrene	23.92	252	18669	0.413	ng	95
38) Dibenzo(a,h)anthracene	26.77	278	17486	0.395	ng	97
39) Benzo(g,h,i)perylene	27.57	276	17759	0.392	ng	97

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

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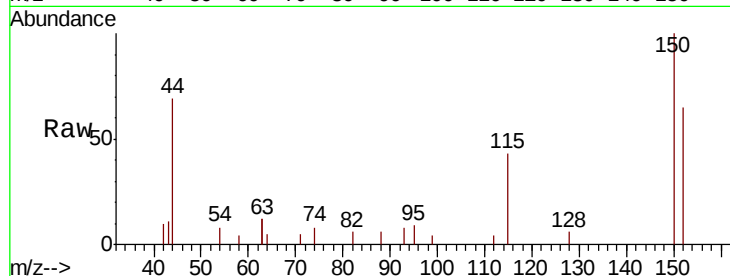


#1

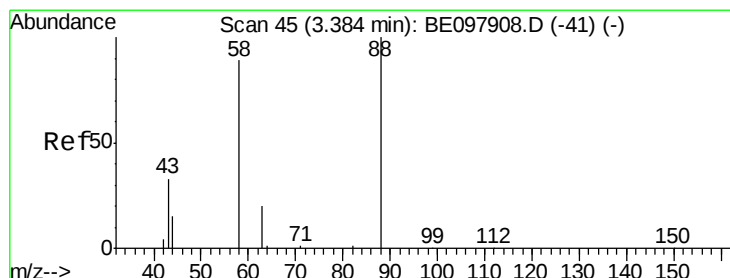
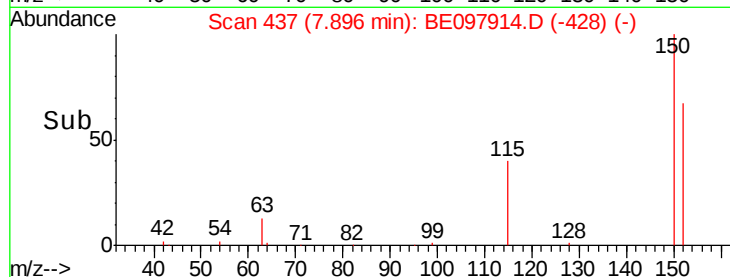
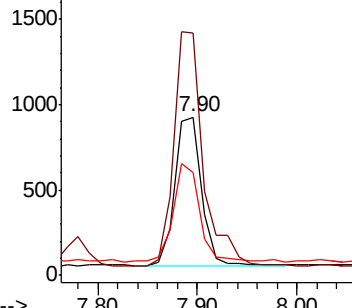
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.01 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1618
Ion Ratio Lower Upper
152 100
150 153.5 118.2 177.4
115 65.2 50.9 76.3



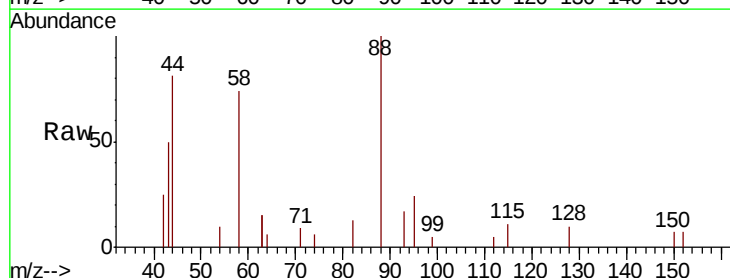
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



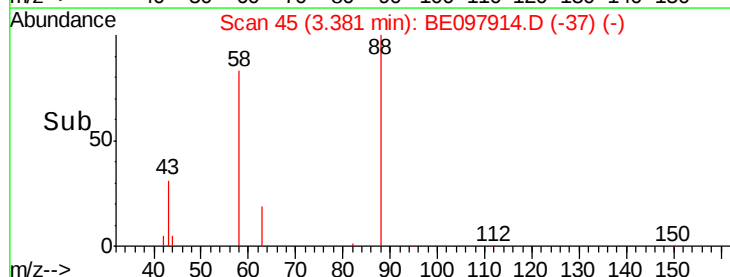
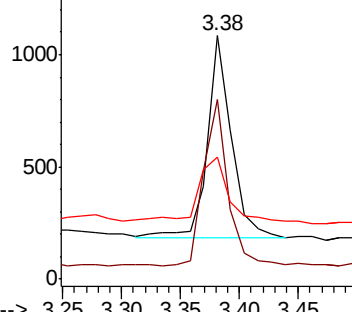
#2

1,4-Dioxane
Concen: 0.448 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

Tgt Ion: 88 Resp: 1263
Ion Ratio Lower Upper
88 100
58 83.7 73.2 109.8
43 38.2 36.9 55.3



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



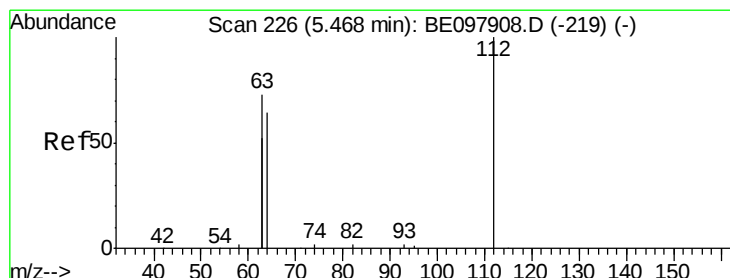
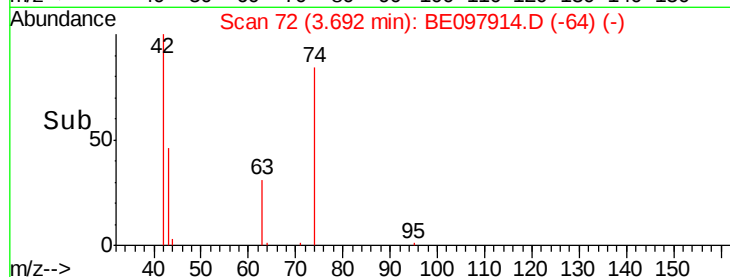
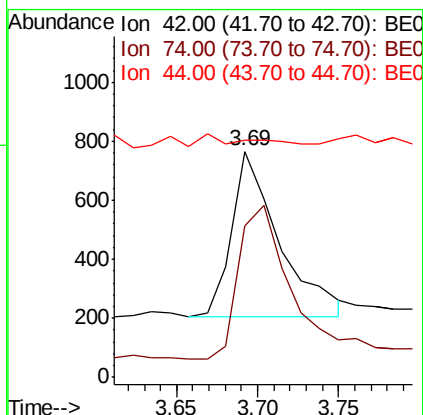
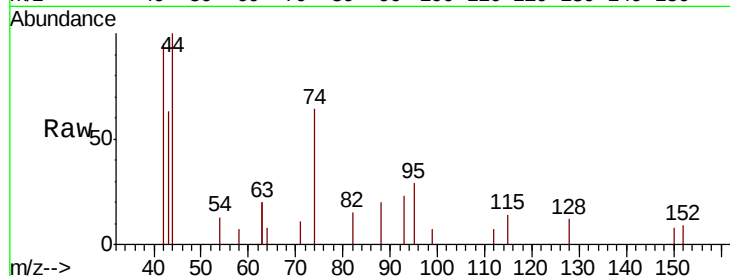


#3

n-Nitrosodimethylamine
 Concen: 0.360 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Instrument :
 BNA_E
 ClientSampleId :

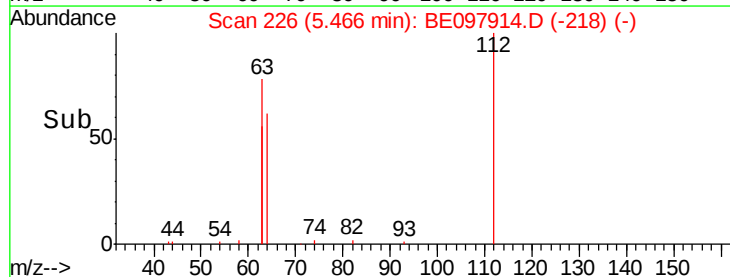
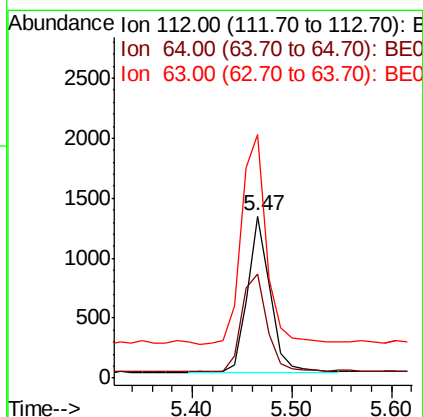
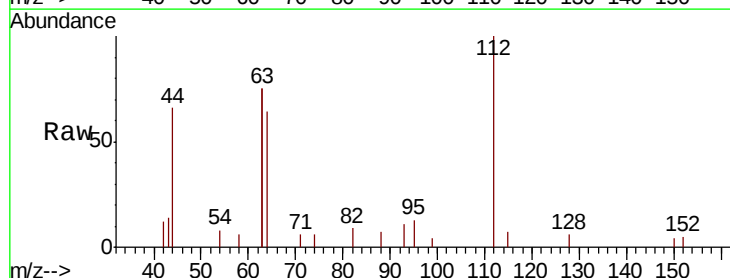
Tot Ion: 42 Resp: 1133
 Ion Ratio Lower Upper
 42 100
 74 100.0 77.6 116.4
 44 0.0 7.6 11.4#

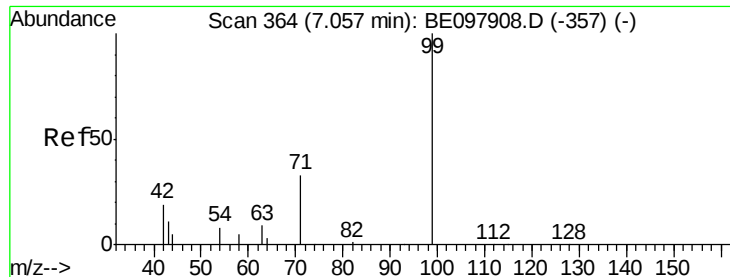


#4

2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Tgt Ion: 112 Resp: 2045
 Ion Ratio Lower Upper
 112 100
 64 70.2 58.9 88.3
 63 148.5 120.3 180.5





#5

Phenol-d6

Concen: 0.386 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

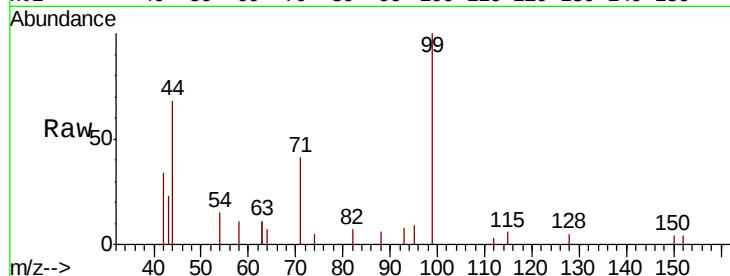
Tot Ion: 99 Resp: 2913

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

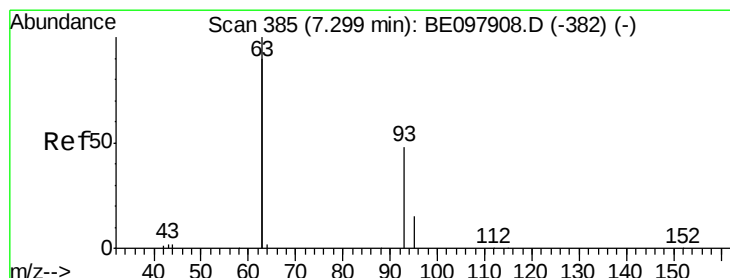
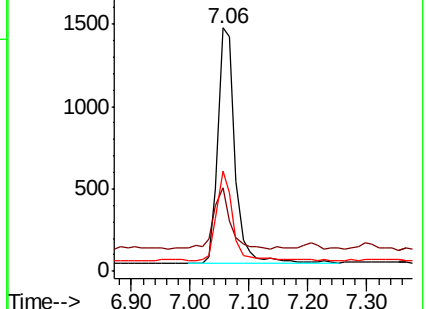
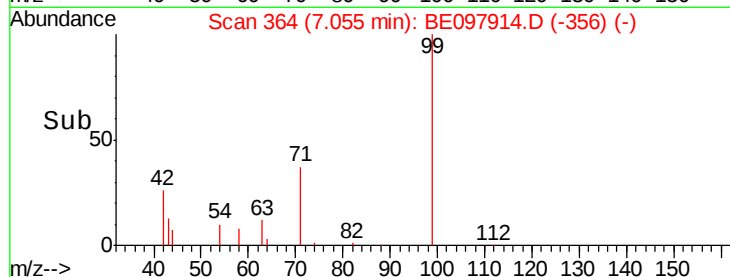
71 35.1 27.8 41.8



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

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

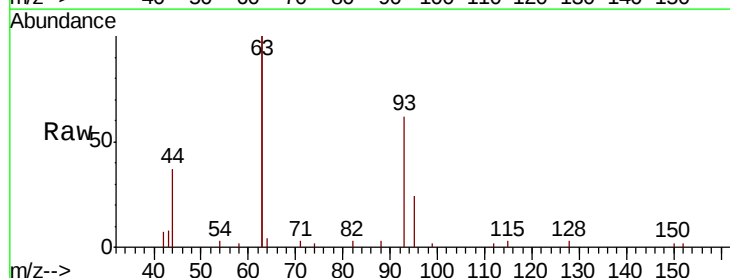
Tgt Ion: 93 Resp: 2407

Ion Ratio Lower Upper

93 100

63 347.5 259.0 388.4

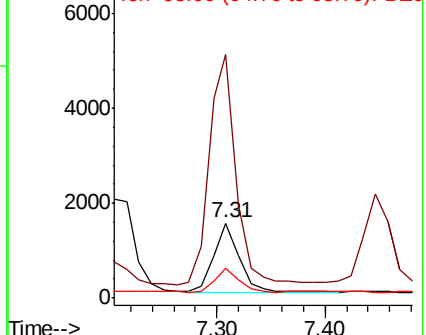
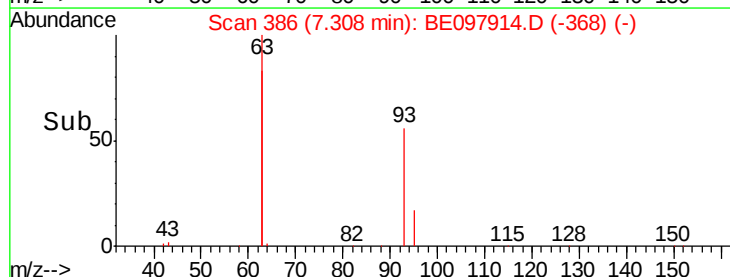
95 31.8 27.8 41.8

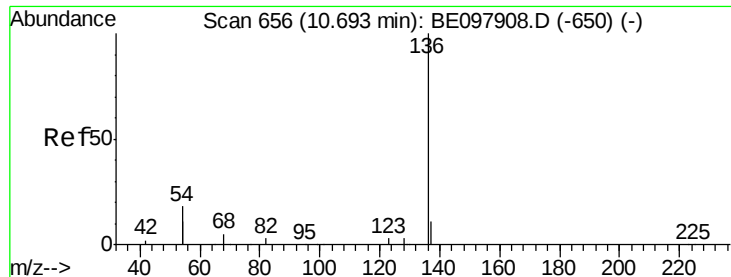


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6956

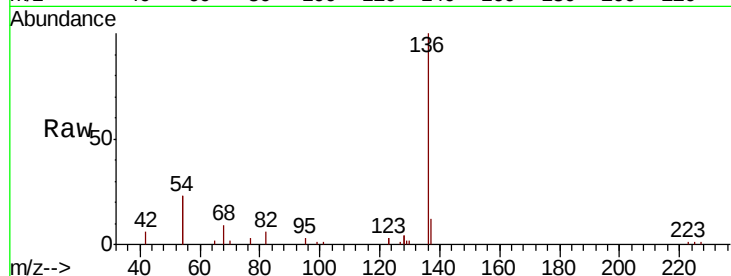
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 45.4 27.7 41.5#

68 8.7 5.3 7.9#

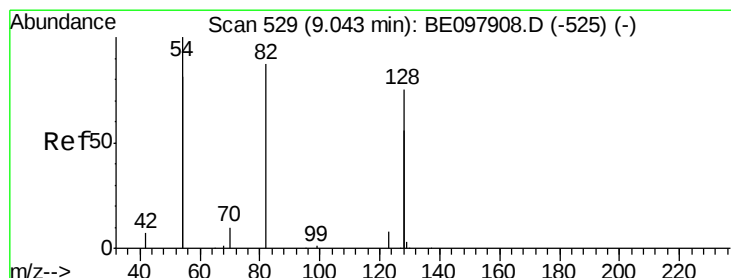
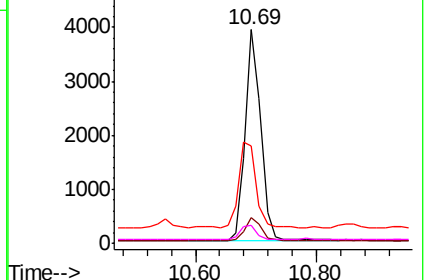
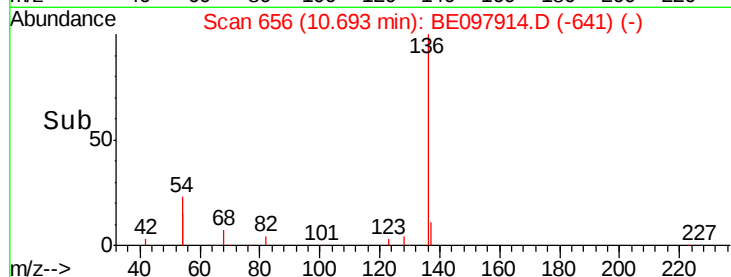


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

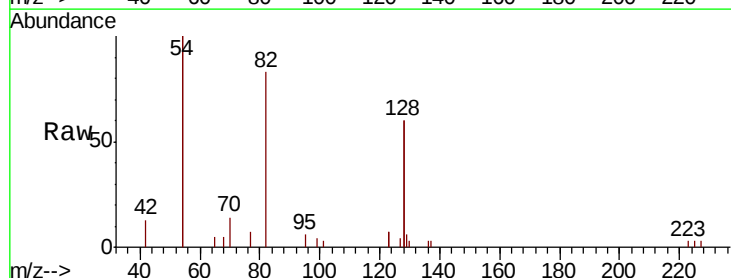
Tgt Ion: 82 Resp: 2522

Ion Ratio Lower Upper

82 100

128 145.1 129.9 194.9

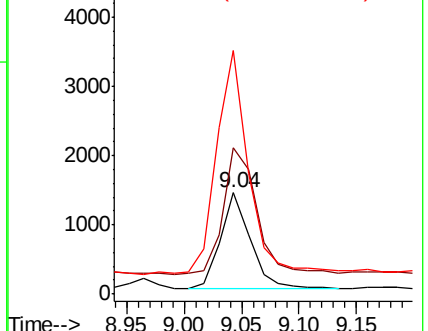
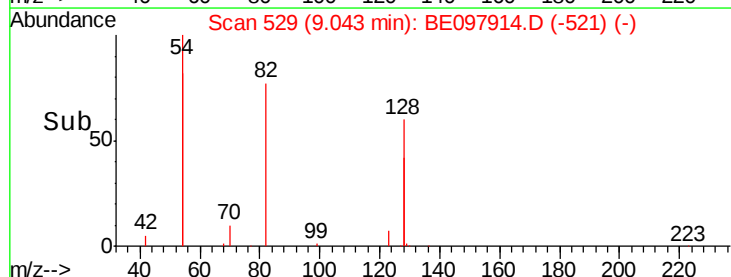
54 240.8 174.0 261.0

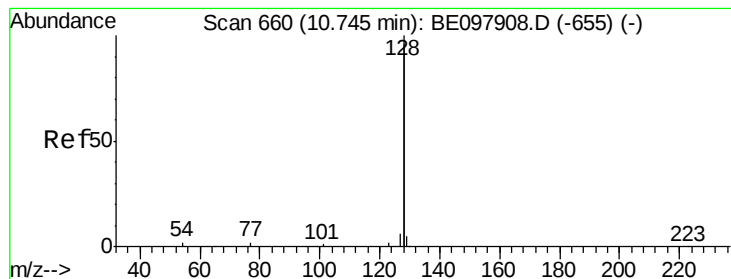


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

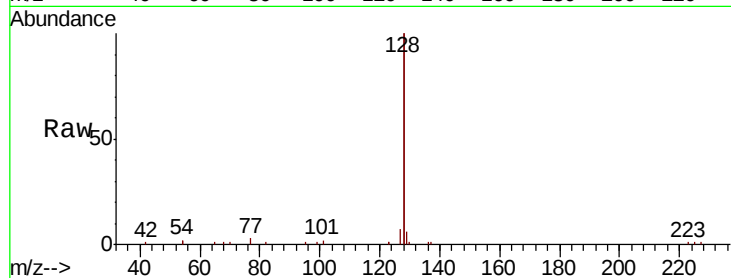
Tot Ion:128 Resp: 28636

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

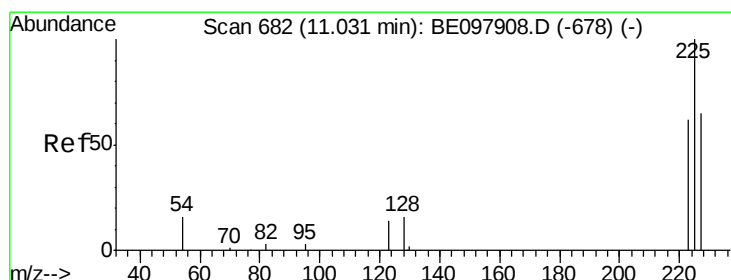
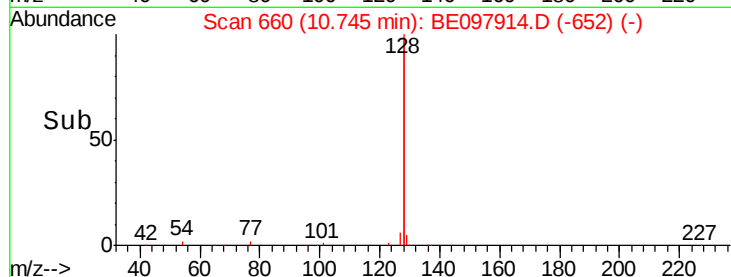
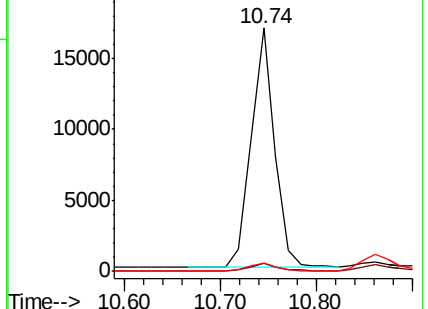
127 3.5 2.8 4.2



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: 0.420 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

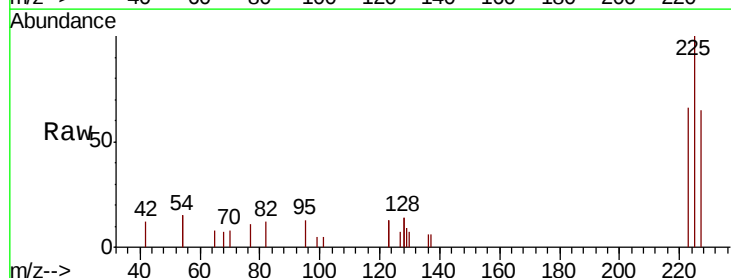
Tgt Ion:225 Resp: 1569

Ion Ratio Lower Upper

225 100

223 60.9 51.8 77.8

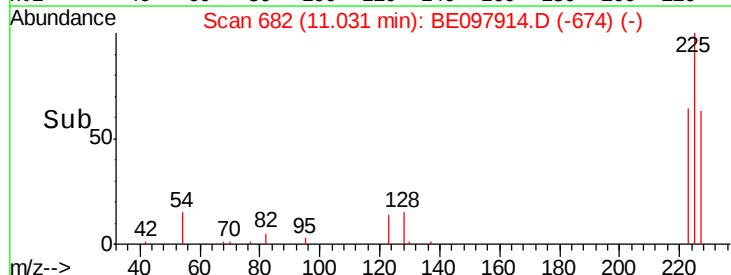
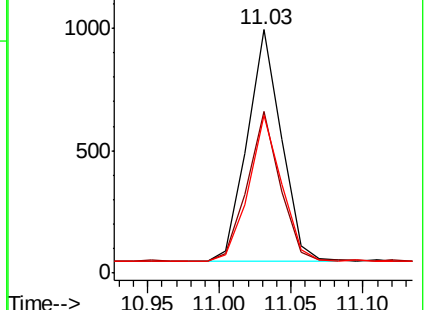
227 60.9 53.0 79.6

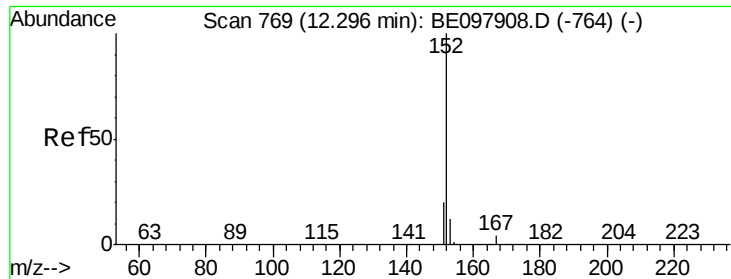


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

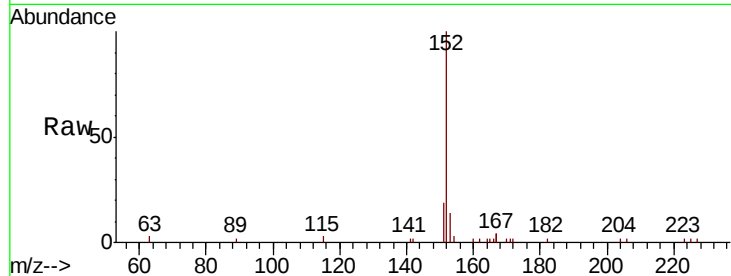




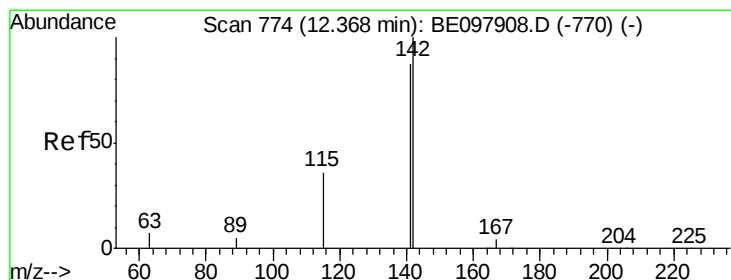
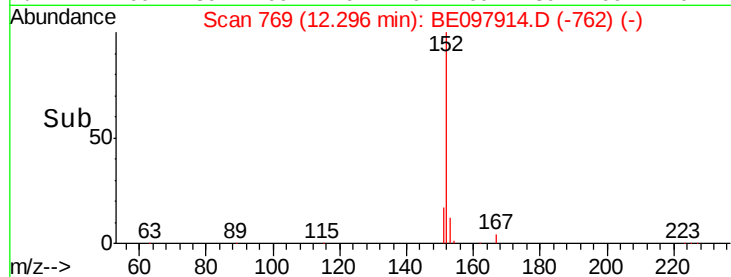
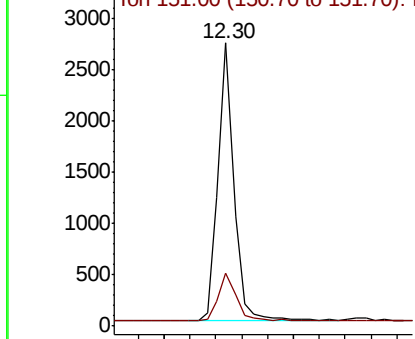
#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 4626
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.2 24.4

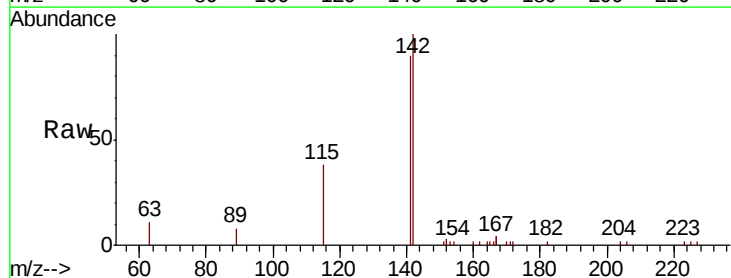


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

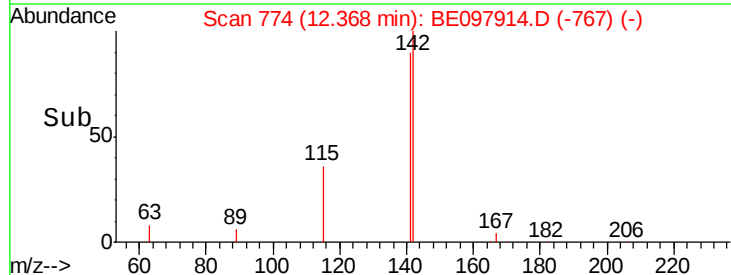
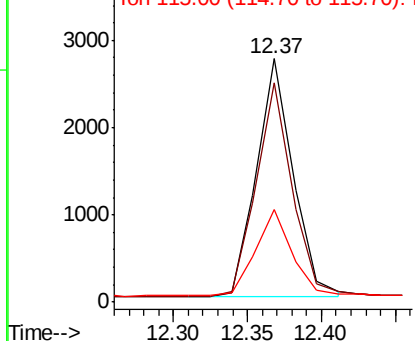


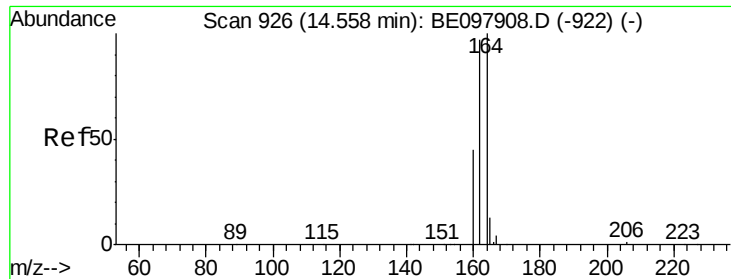
#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Tgt Ion:142 Resp: 4662
 Ion Ratio Lower Upper
 142 100
 141 90.1 69.8 104.6
 115 38.1 30.5 45.7



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

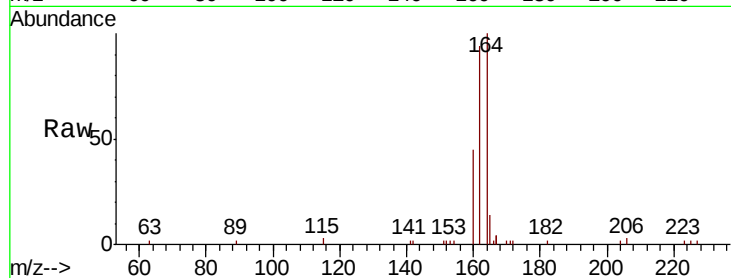




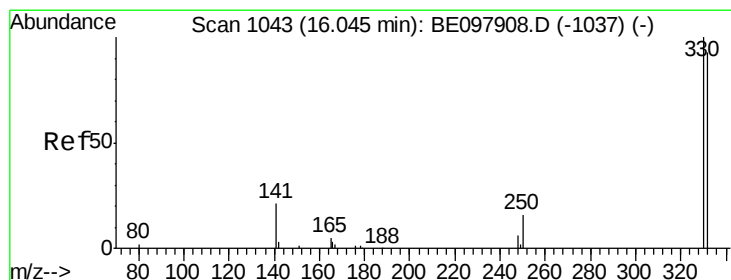
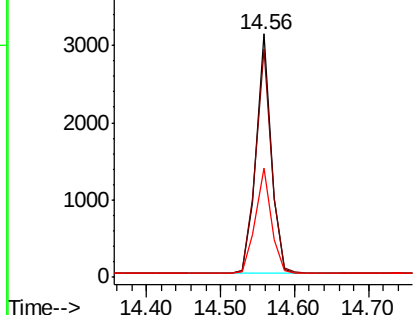
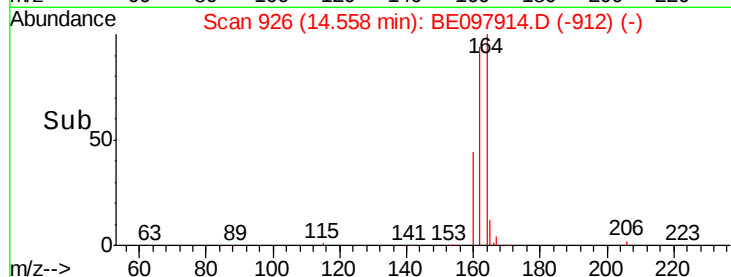
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 4393
 Ion Ratio Lower Upper
 164 100
 162 93.7 77.4 116.2
 160 44.7 36.5 54.7

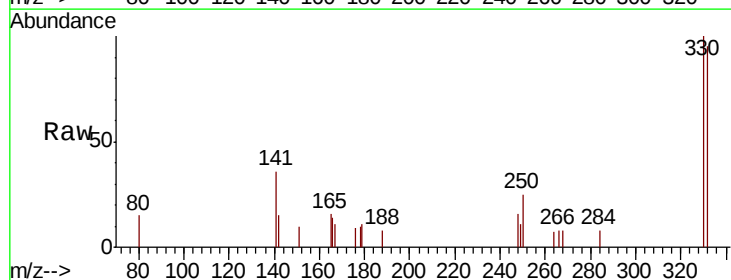


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

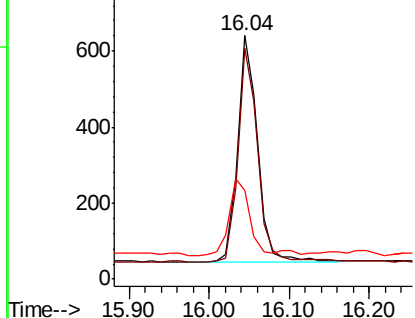
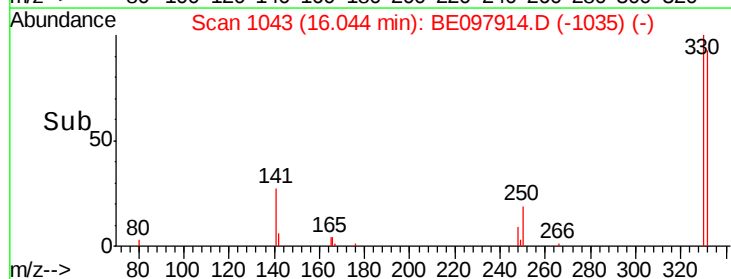


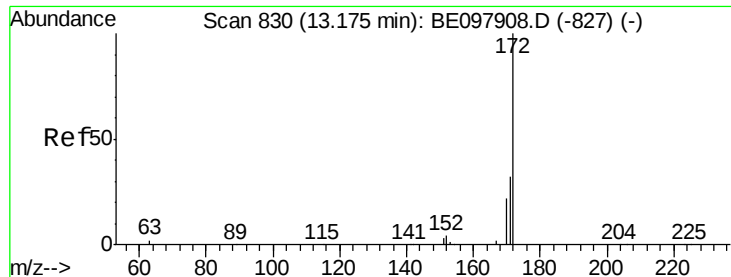
#14
 2,4,6-Tribromophenol
 Concen: 0.437 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097914.D
 Acq: 16 Oct 2018 17:38

Tgt Ion:330 Resp: 1033
 Ion Ratio Lower Upper
 330 100
 332 91.3 76.5 114.7
 141 34.8 31.8 47.6



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

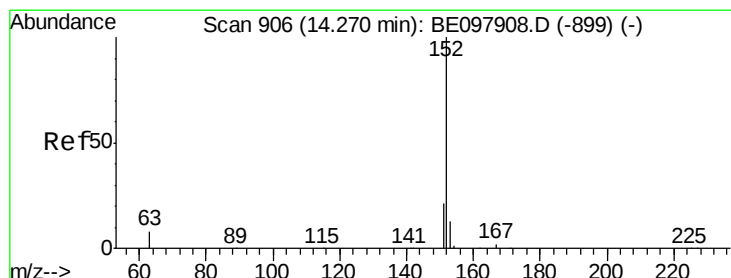
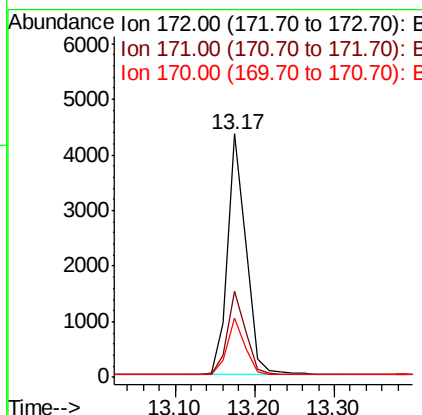
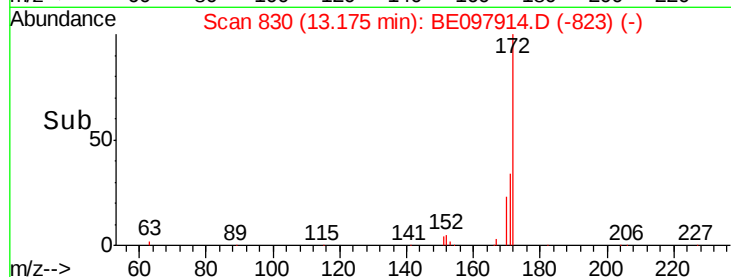
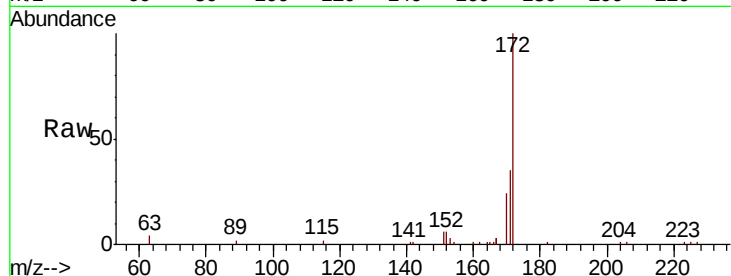




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

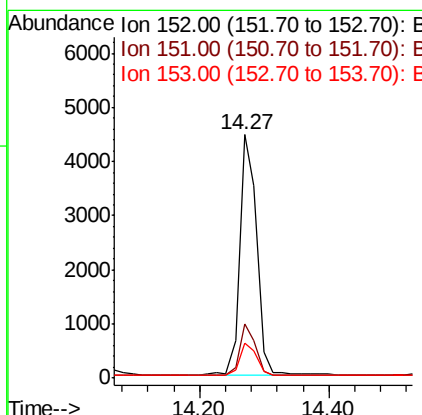
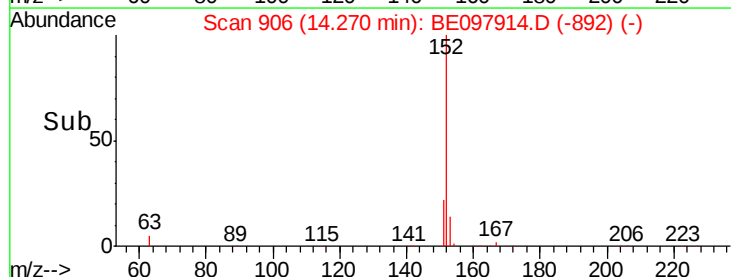
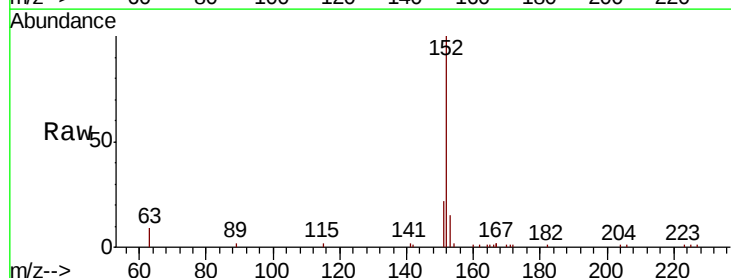
Instrument :
BNA_E
ClientSampleId :

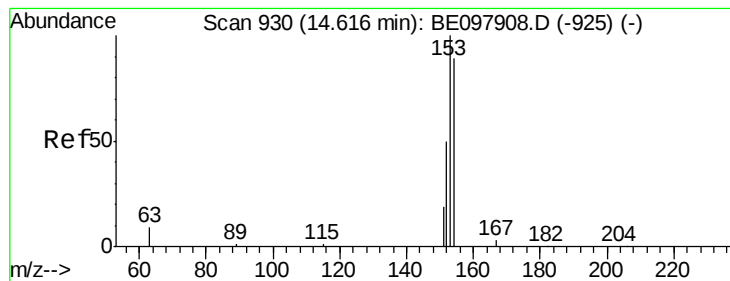
Tot Ion:172 Resp: 7000
Ion Ratio Lower Upper
172 100
171 35.4 26.0 39.0
170 24.3 18.0 27.0



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

Tgt Ion:152 Resp: 7979
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.9 16.3





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

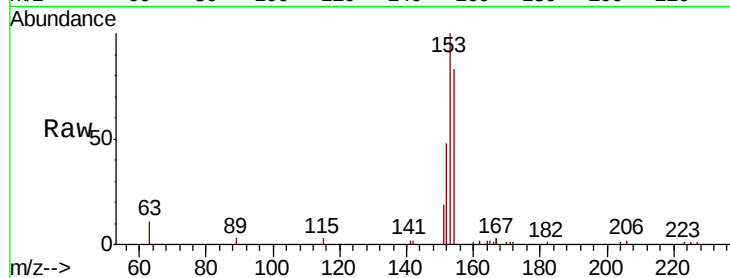
Tot Ion:154 Resp: 4941

Ion Ratio Lower Upper

154 100

153 116.6 92.6 139.0

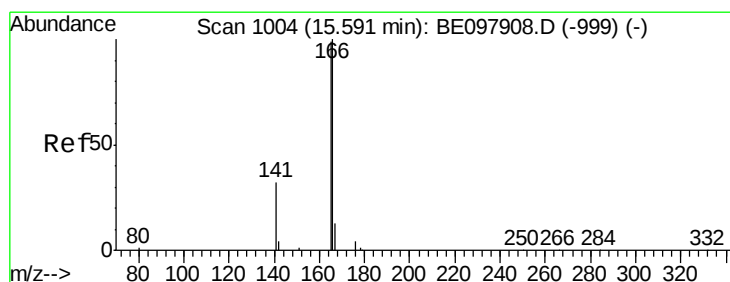
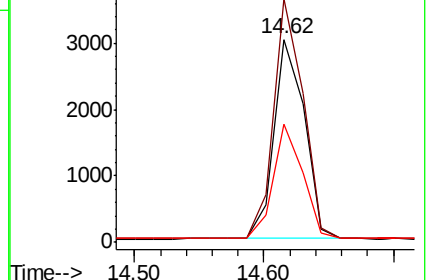
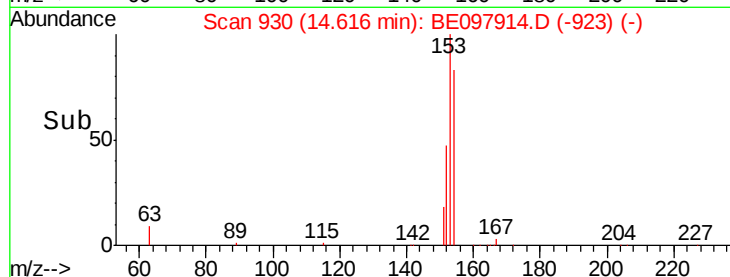
152 54.9 45.5 68.3



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: 0.402 ng

RT: 15.60 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

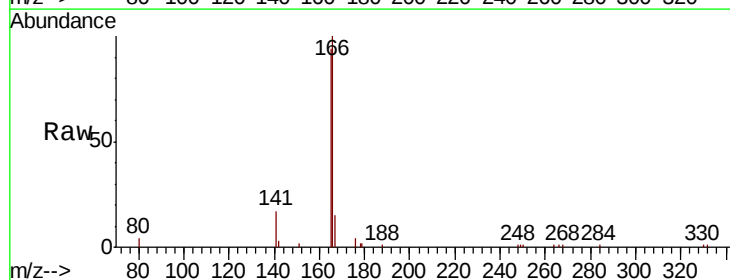
Tgt Ion:166 Resp: 6862

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.4

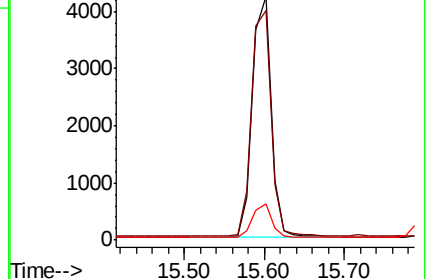
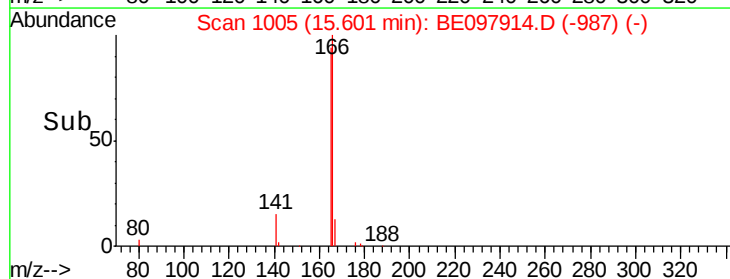
167 13.4 11.0 16.6

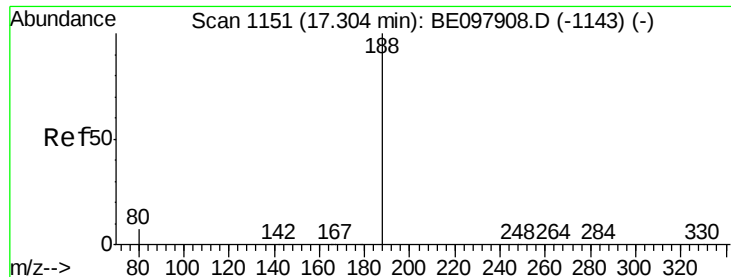


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

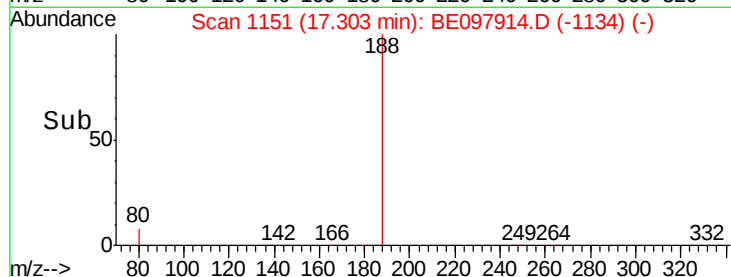
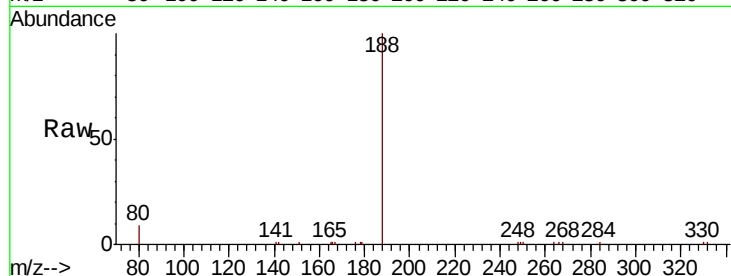
Tot Ion:188 Resp: 11547

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

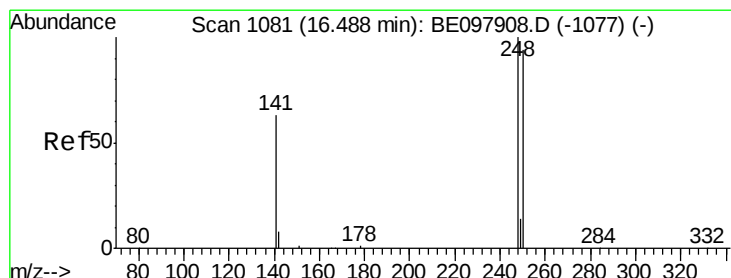
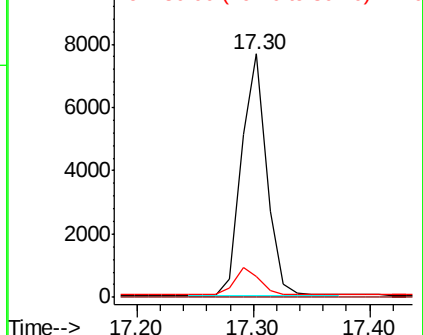
80 8.7 6.3 9.5



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: 0.416 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

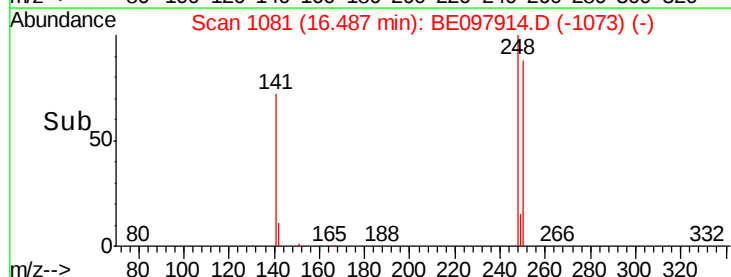
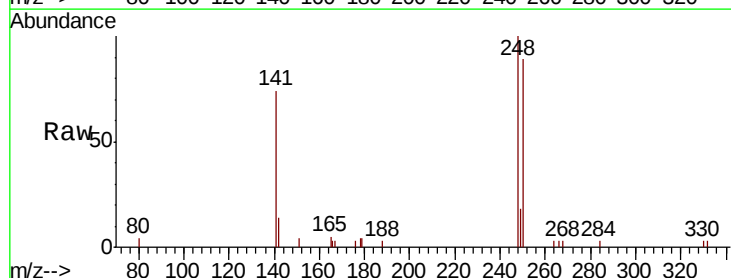
Tgt Ion:248 Resp: 2622

Ion Ratio Lower Upper

248 100

250 88.6 75.1 112.7

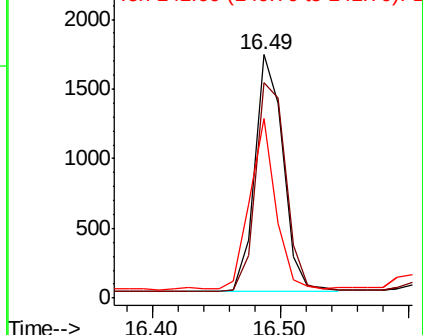
141 74.0 51.8 77.8

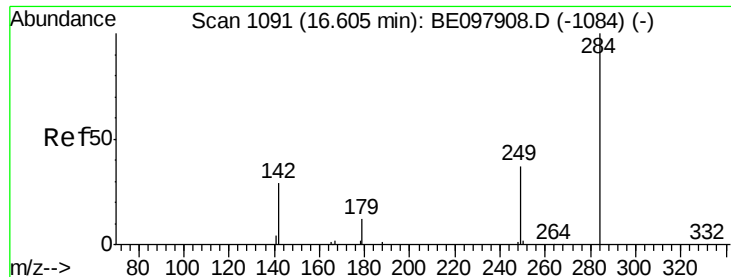


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.62 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

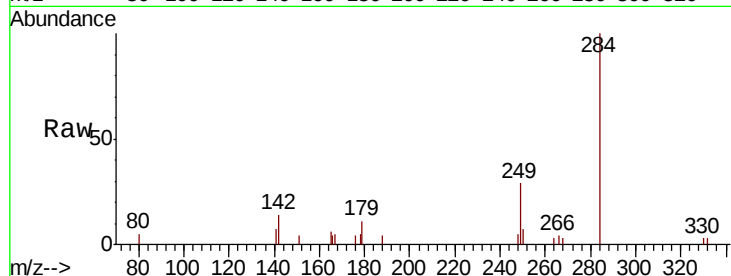
Tot Ion:284 Resp: 2559

Ion Ratio Lower Upper

284 100

142 33.5 25.9 38.9

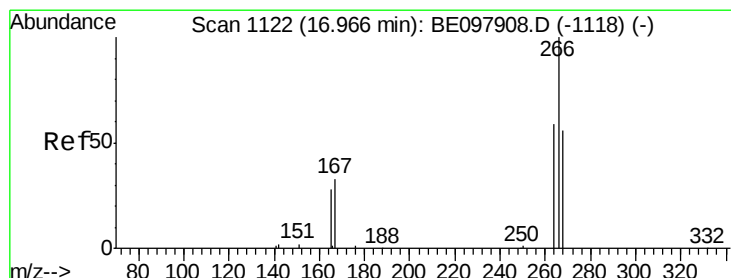
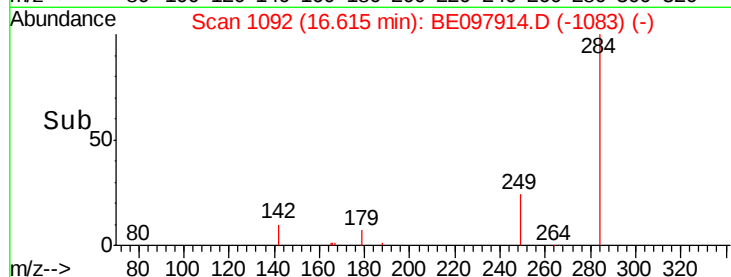
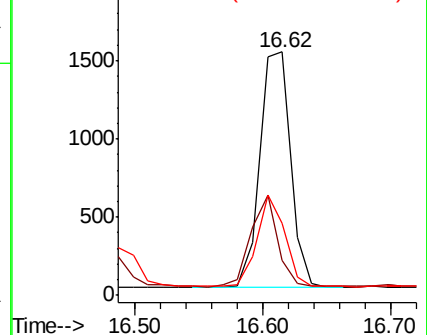
249 34.3 26.6 40.0



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: 0.381 ng

RT: 16.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

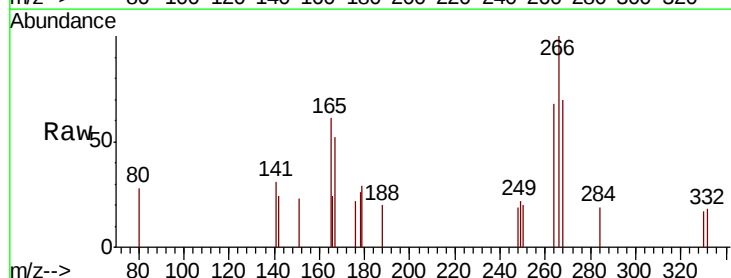
Tgt Ion:266 Resp: 566

Ion Ratio Lower Upper

266 100

264 68.1 51.3 76.9

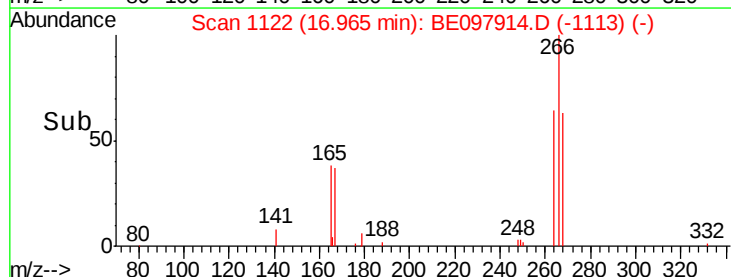
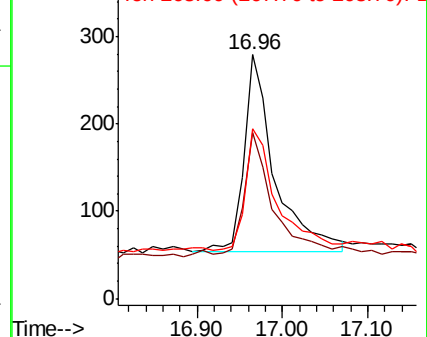
268 69.9 50.1 75.1

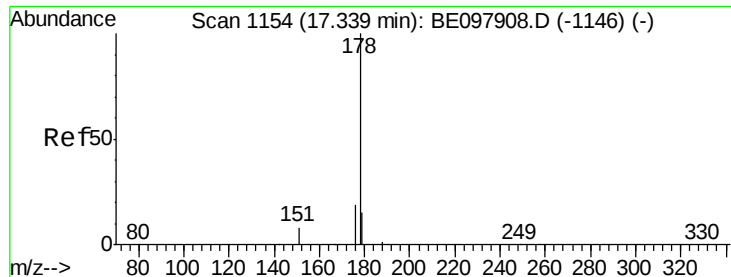


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.411 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

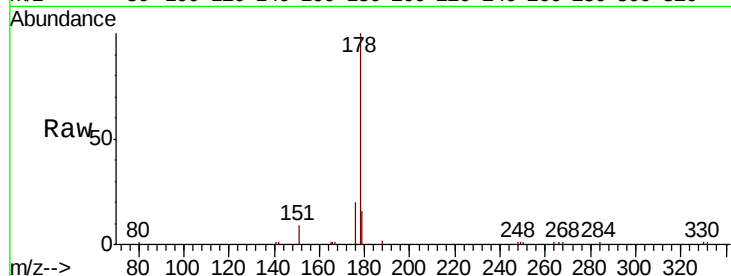
Tot Ion:178 Resp: 12052

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

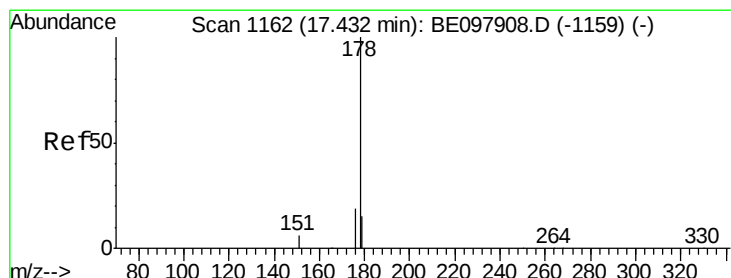
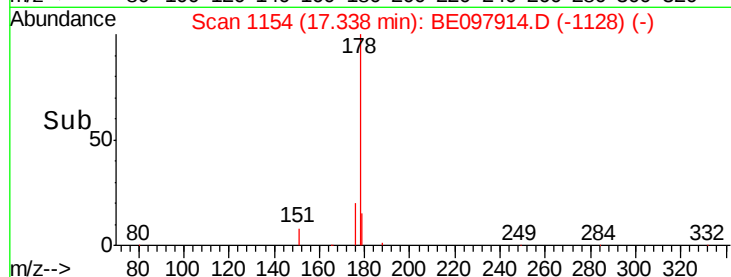
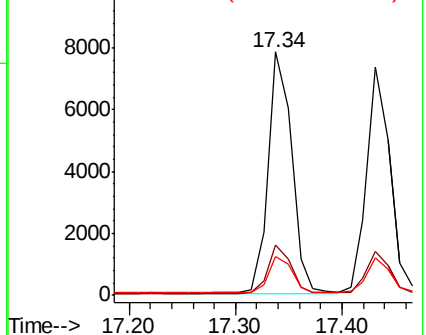
179 15.5 12.2 18.4



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: 0.402 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

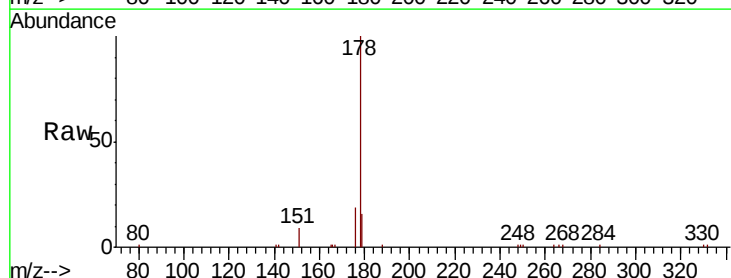
Tgt Ion:178 Resp: 11147

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

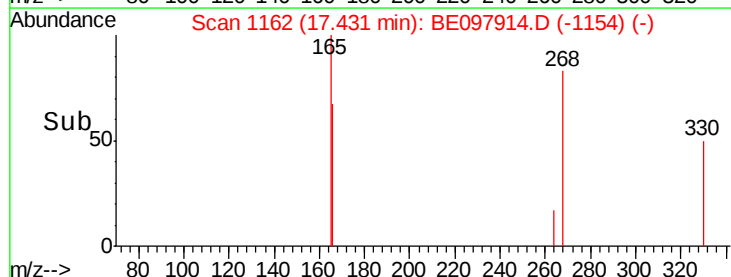
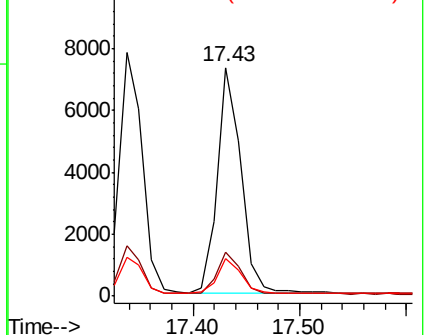
179 16.0 11.9 17.9

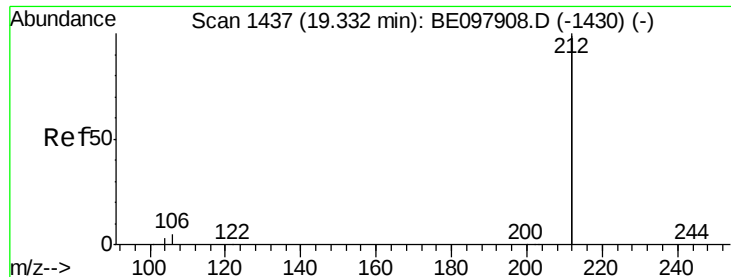


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

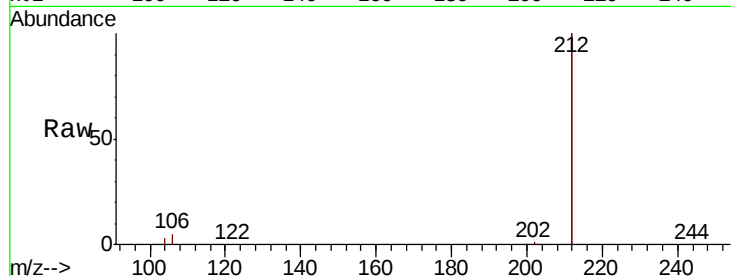
Tot Ion:212 Resp: 65494

Ion Ratio Lower Upper

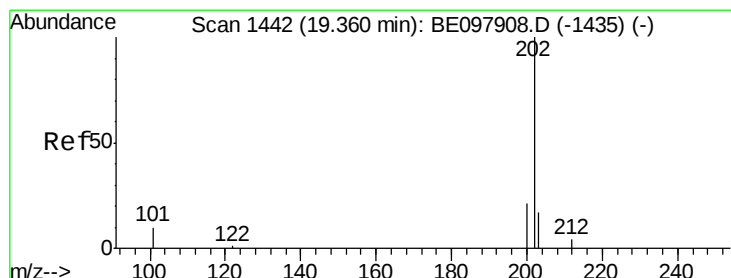
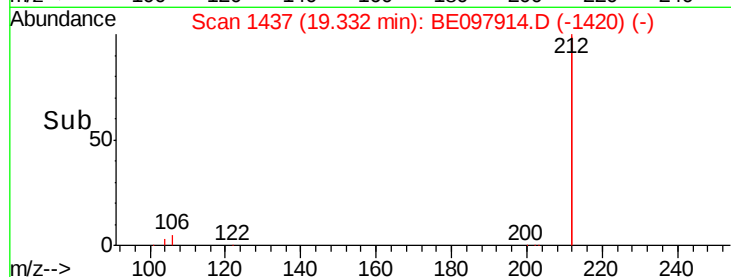
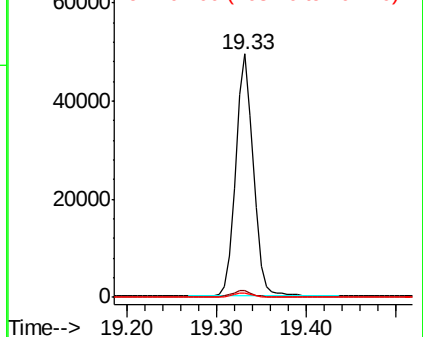
212 100

106 2.9 2.3 3.5

104 1.7 1.3 1.9



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: 0.424 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

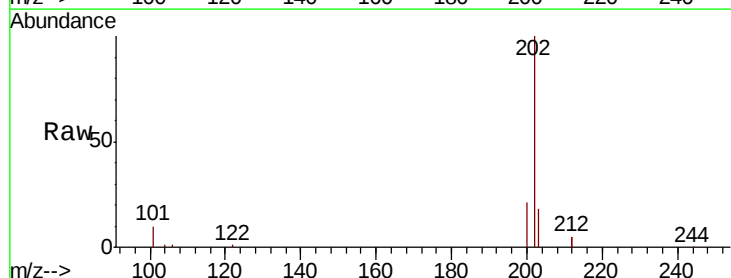
Tgt Ion:202 Resp: 16313

Ion Ratio Lower Upper

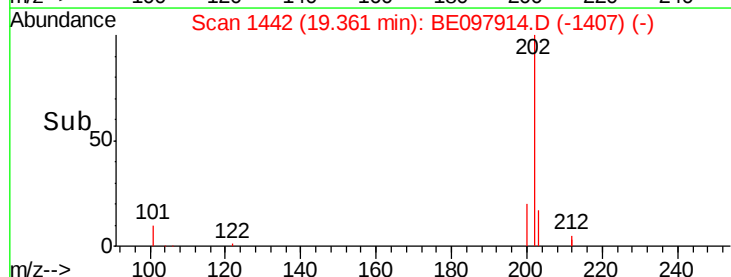
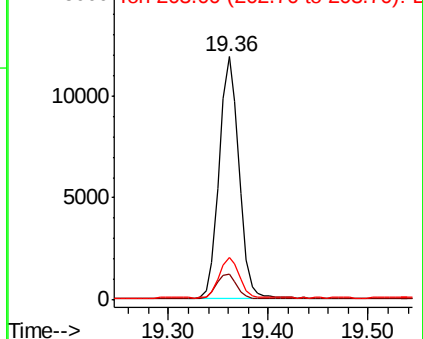
202 100

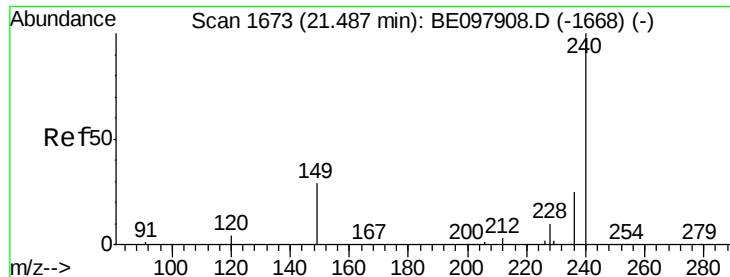
101 10.8 8.2 12.2

203 17.0 15.0 22.4



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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampled :

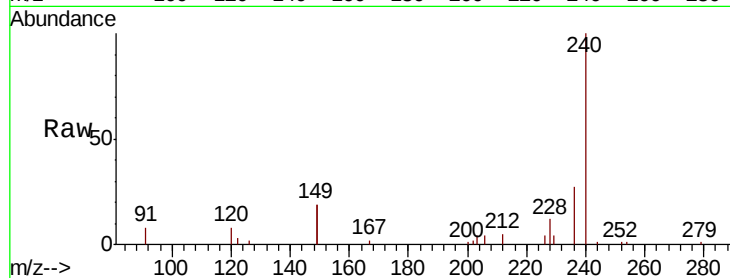
Tot Ion:240 Resp: 16293

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

236 27.2 21.3 31.9

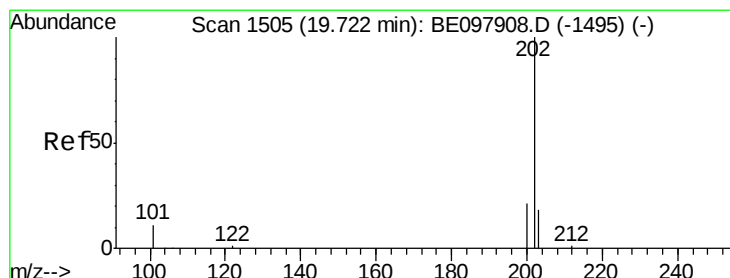
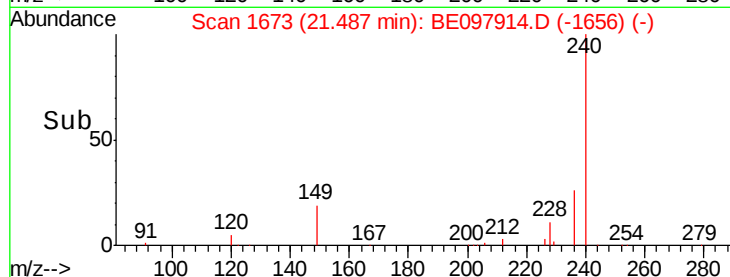
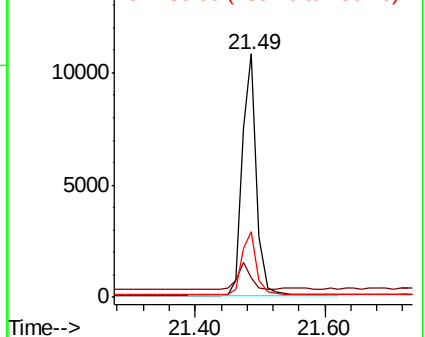


Abundance

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: 0.383 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

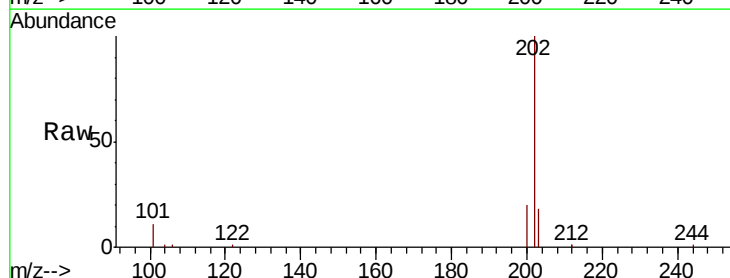
Tgt Ion:202 Resp: 18022

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.4 14.2 21.4

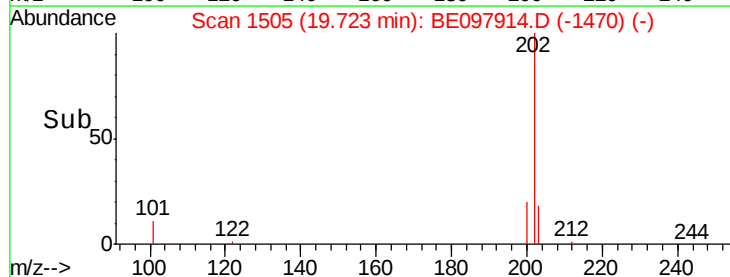
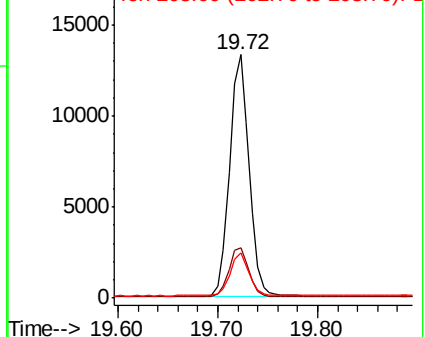


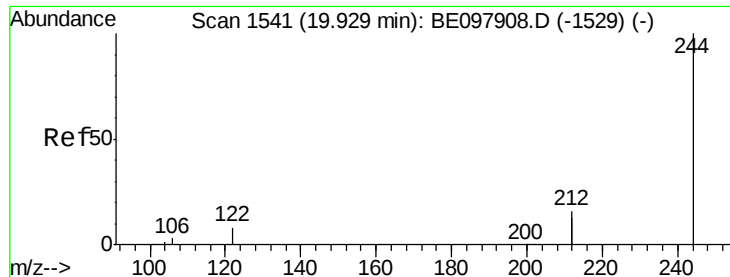
Abundance

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: 0.514 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

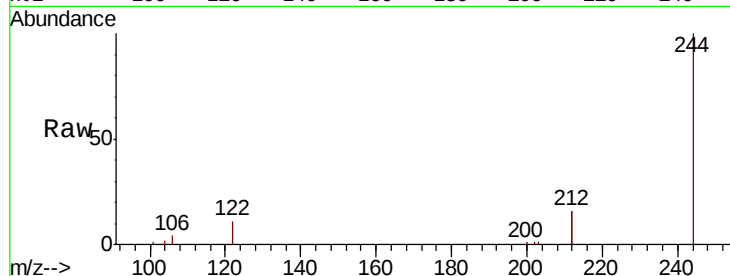
Tot Ion:244 Resp: 19205

Ion Ratio Lower Upper

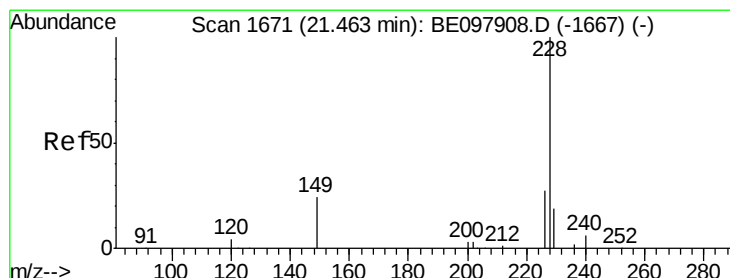
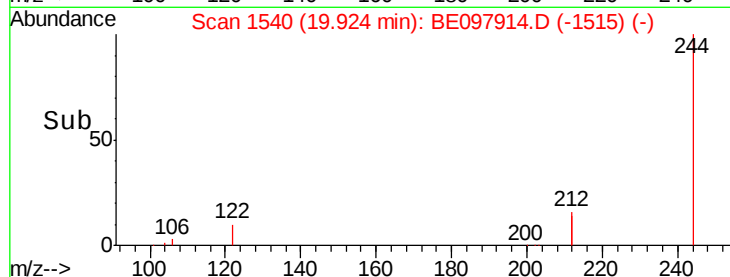
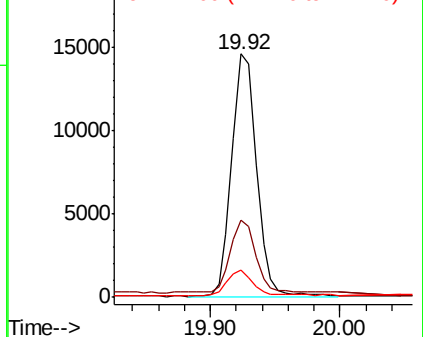
244 100

212 31.7 26.2 39.2

122 11.1 7.7 11.5



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: 0.409 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

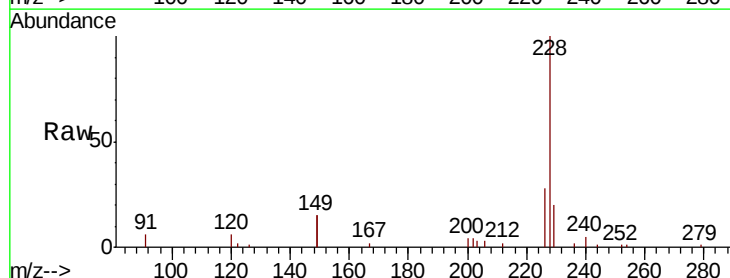
Tgt Ion:228 Resp: 20419

Ion Ratio Lower Upper

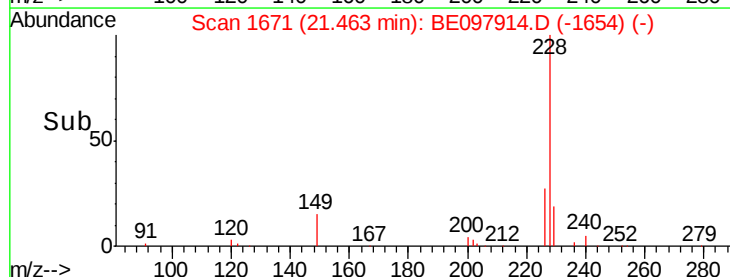
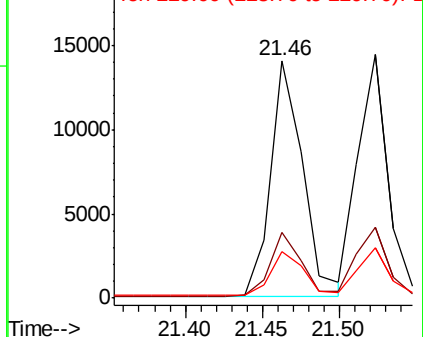
228 100

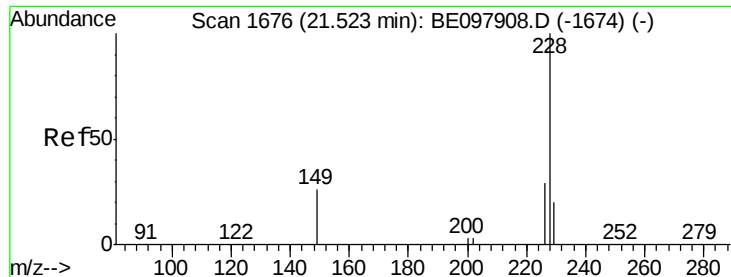
226 27.6 22.6 33.8

229 19.8 16.9 25.3



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: 0.412 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :

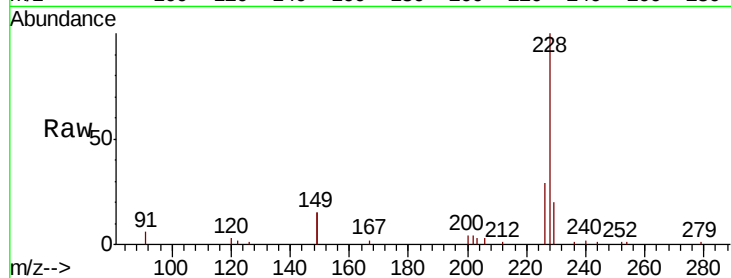
Tot Ion:228 Resp: 19478

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

229 20.5 17.3 25.9

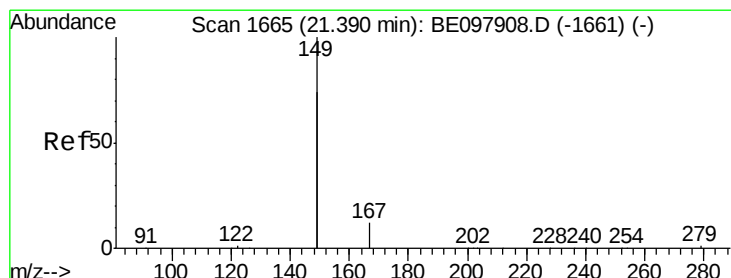
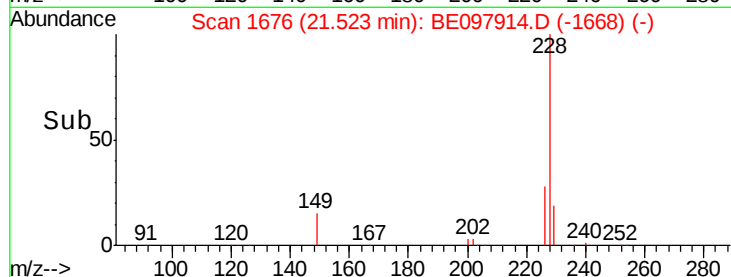
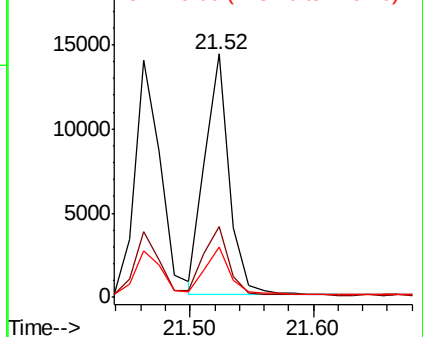


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

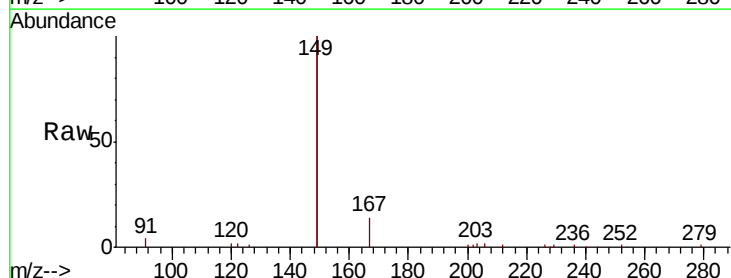
Tgt Ion:149 Resp: 47083

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

279 1.0 0.9 1.3

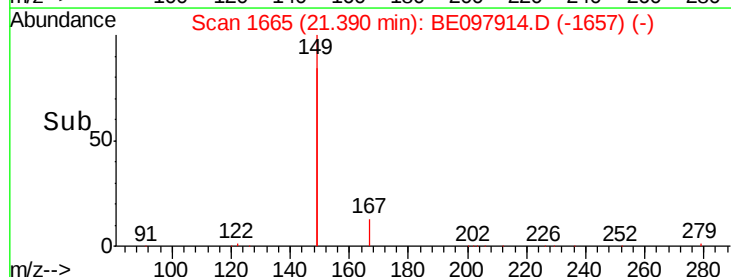
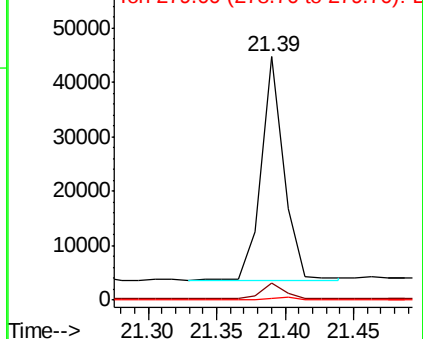


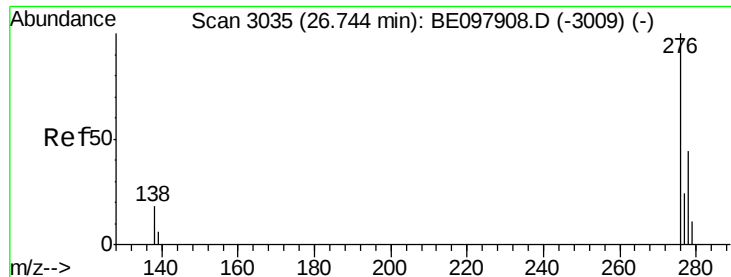
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.405 ng

RT: 26.74 min Scan# 3033

Delta R.T. -0.01 min

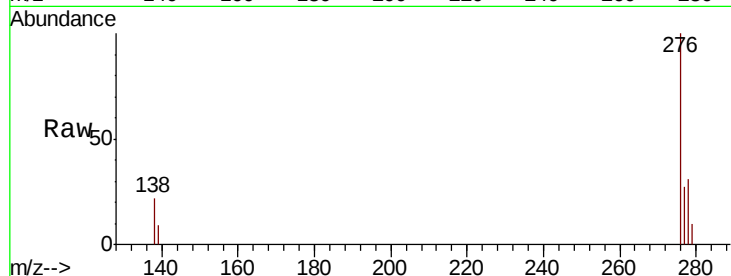
Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :



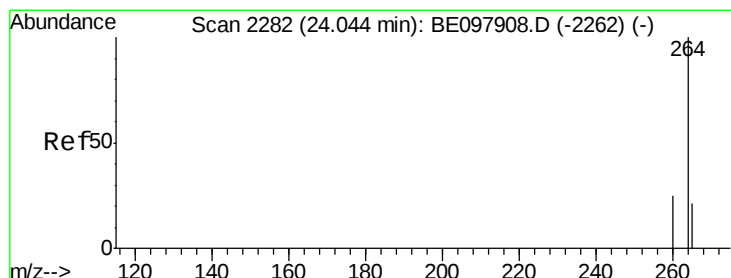
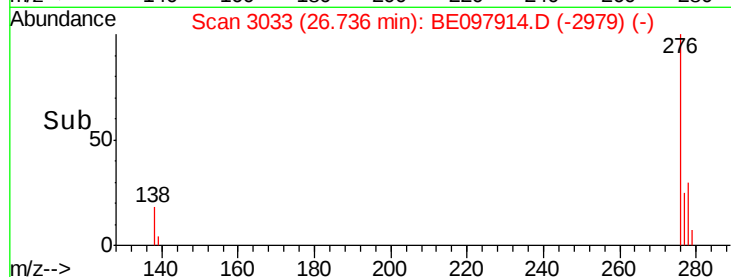
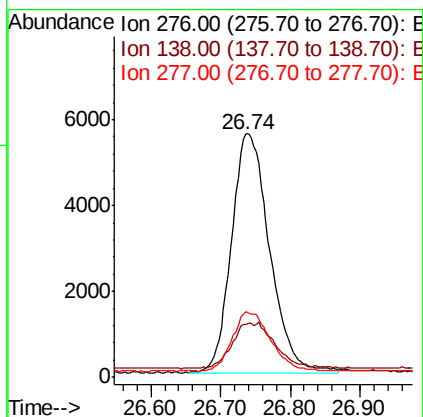
Tot Ion:276 Resp: 21087

Ion Ratio Lower Upper

276 100

138 21.0 17.0 25.6

277 25.0 20.5 30.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

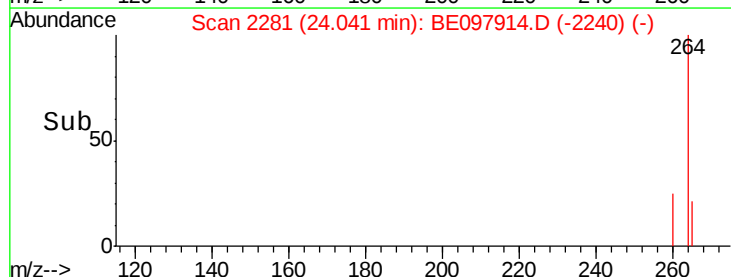
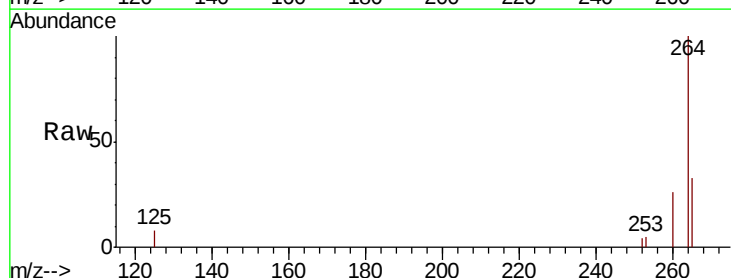
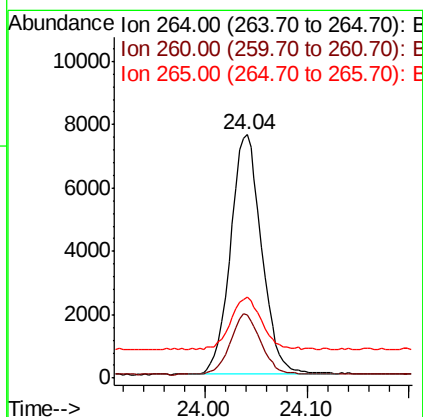
Tgt Ion:264 Resp: 16107

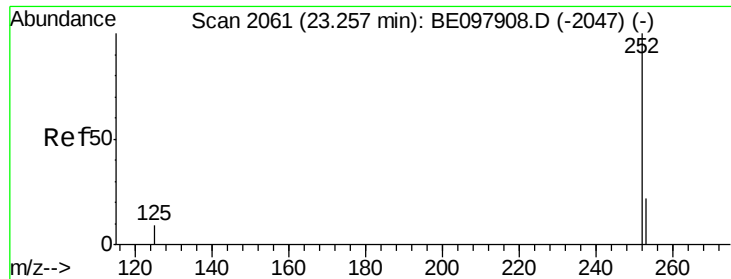
Ion Ratio Lower Upper

264 100

260 26.0 21.1 31.7

265 33.1 29.2 43.8

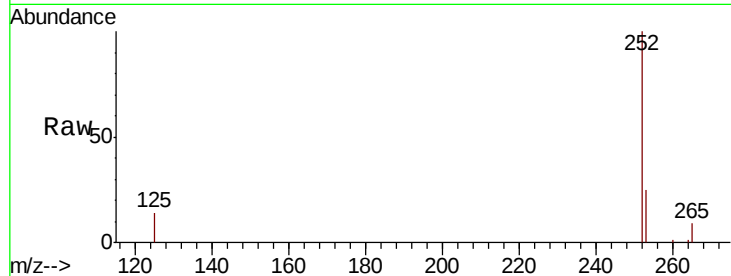




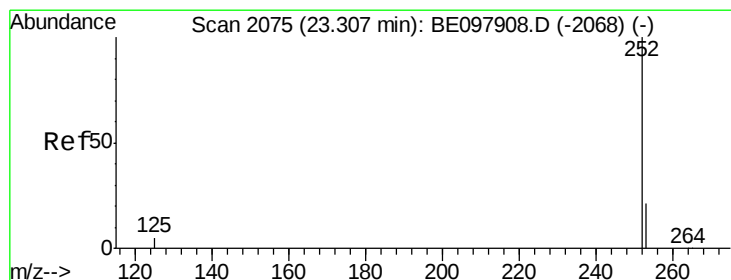
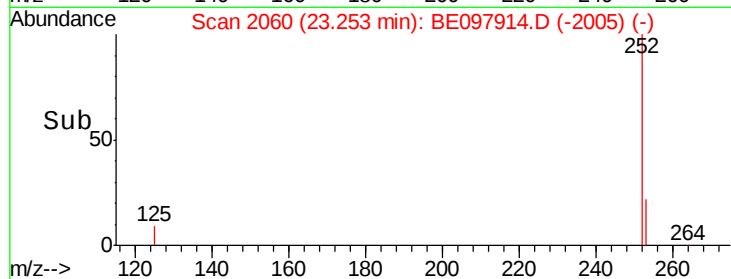
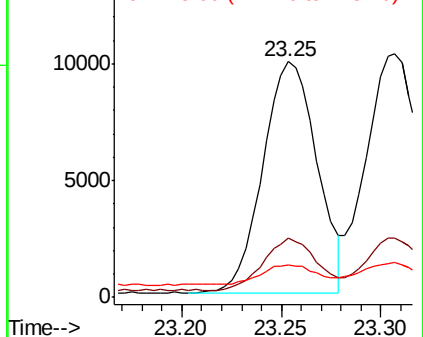
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 18602
Ion Ratio Lower Upper
252 100
253 24.9 20.6 31.0
125 13.6 14.3 21.5#

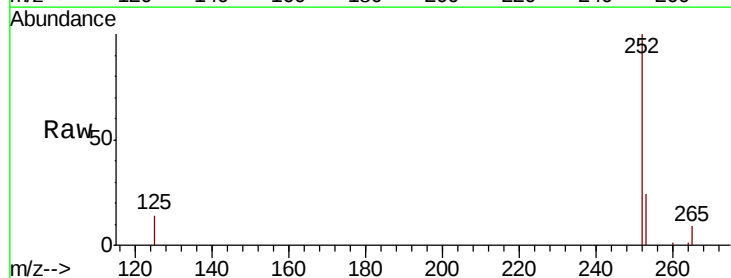


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

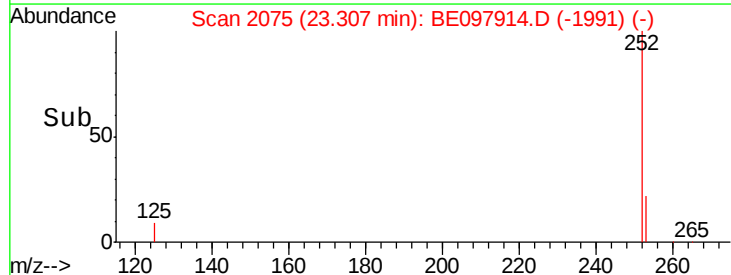
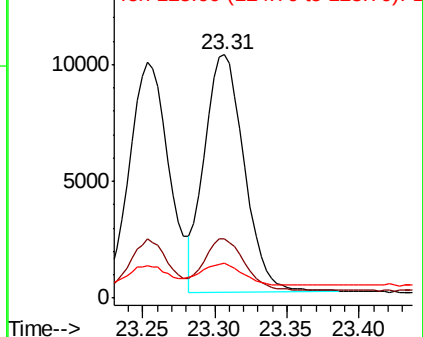


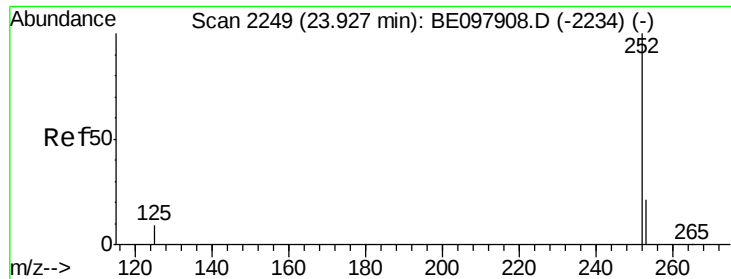
#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 23.31 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE097914.D
Acq: 16 Oct 2018 17:38

Tgt Ion:252 Resp: 19476
Ion Ratio Lower Upper
252 100
253 24.4 20.4 30.6
125 14.1 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampled :

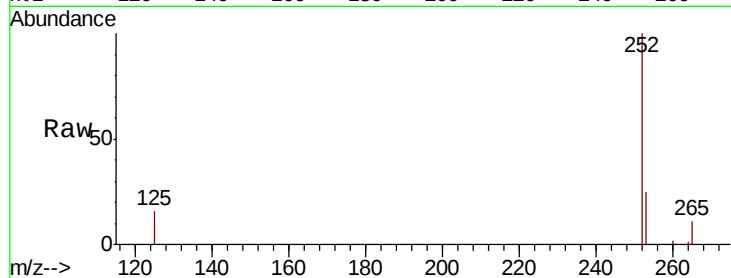
Tot Ion:252 Resp: 18669

Ion Ratio Lower Upper

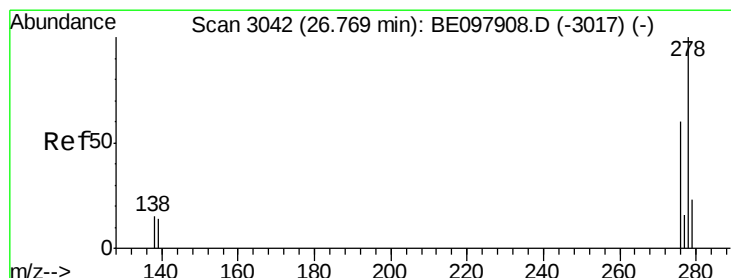
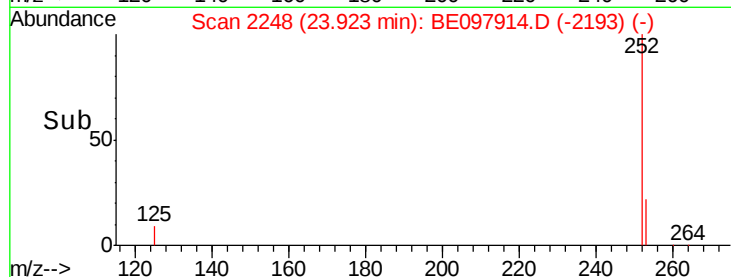
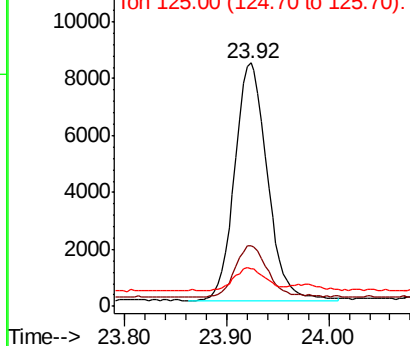
252 100

253 24.8 20.6 31.0

125 15.6 15.6 23.4



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: 0.395 ng

RT: 26.77 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

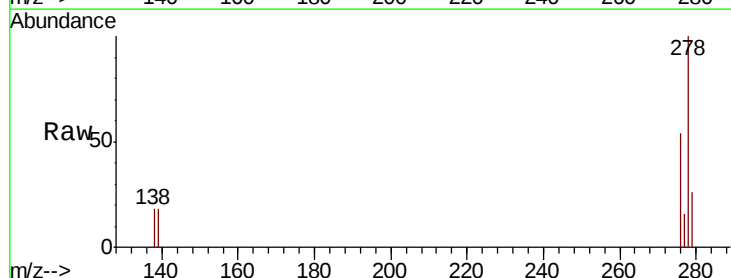
Tgt Ion:278 Resp: 17486

Ion Ratio Lower Upper

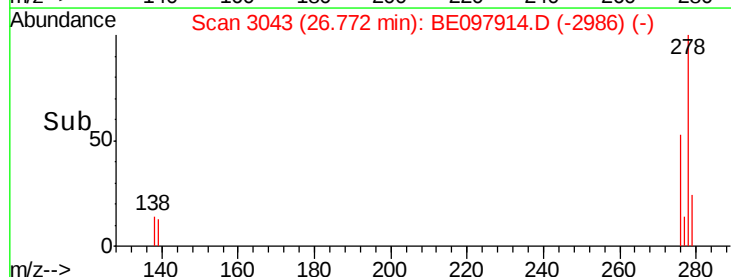
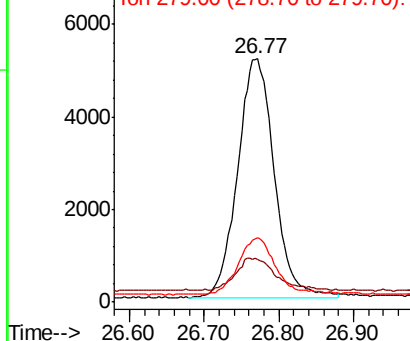
278 100

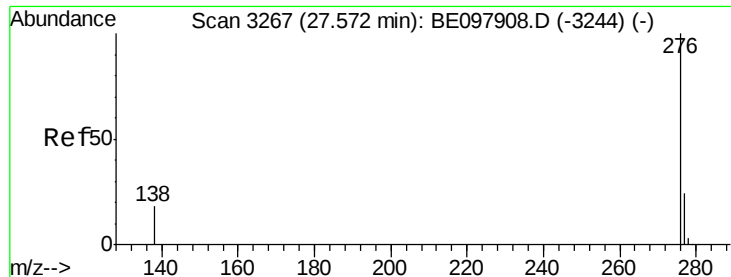
139 17.6 16.3 24.5

279 26.5 21.4 32.2



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: 0.392 ng

RT: 27.57 min Scan# 3267

Delta R.T. -0.00 min

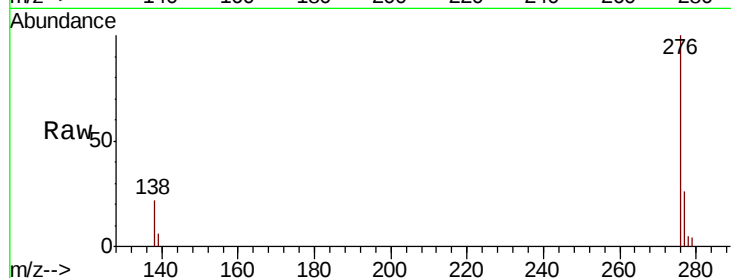
Lab File: BE097914.D

Acq: 16 Oct 2018 17:38

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17759

Ion Ratio Lower Upper

276 100

277 26.2 22.1 33.1

138 22.3 19.3 28.9

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

