

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097912.D
 Acq On : 16 Oct 2018 15:42
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101618

Quant Time: Oct 16 17:37:14 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	7.89	152	1904	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8662	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5782	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	16275	0.40	ng	0.00
27) Chrysene-d12	21.49	240	18028	0.40	ng	0.00
34) Perylene-d12	24.04	264	16426	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2309	0.38	ng	0.00
5) Phenol-d6	7.06	99	3457	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	3296	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5713	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1116	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8950	0.38	ng	0.00
25) Fluoranthene-d10	19.33	212	83723	0.38	ng	0.00
29) Terphenyl-d14	19.92	244	16380	0.40	ng	0.00

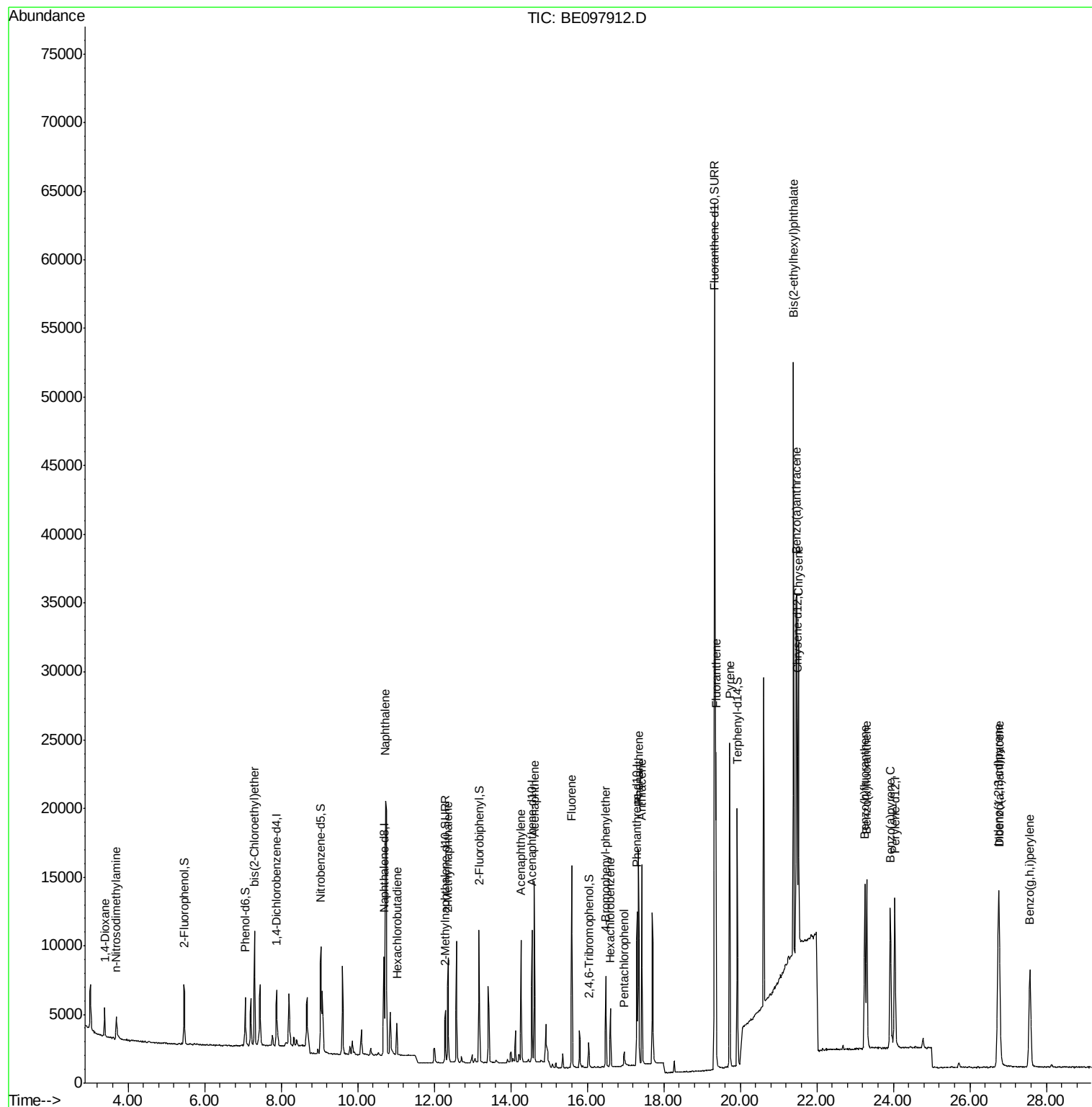
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1276	0.384	ng	98
3) n-Nitrosodimethylamine	3.70	42	1409	0.380	ng	# 98
6) bis(2-Chloroethyl)ether	7.30	93	2877	0.382	ng	97
9) Naphthalene	10.73	128	33983	0.394	ng	100
10) Hexachlorobutadiene	11.03	225	1802	0.388	ng	97
12) 2-Methylnaphthalene	12.37	142	5886	0.398	ng	98
16) Acenaphthylene	14.27	152	10149	0.380	ng	99
17) Acenaphthene	14.62	154	6319	0.387	ng	100
18) Fluorene	15.59	166	8780	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	3344	0.376	ng	95
21) Hexachlorobenzene	16.60	284	3350	0.383	ng	100
22) Pentachlorophenol	16.96	266	755	0.364	ng	94
23) Phenanthrene	17.34	178	15893	0.384	ng	100
24) Anthracene	17.43	178	14728	0.377	ng	99
26) Fluoranthene	19.36	202	20535	0.378	ng	98
28) Pyrene	19.72	202	21721	0.418	ng	100
30) Benzo(a)anthracene	21.46	228	21489	0.389	ng	98
31) Chrysene	21.52	228	19662	0.375	ng	100
32) Bis(2-ethylhexyl)phthalate	21.39	149	44396	0.324	ng	99
33) Indeno(1,2,3-cd)pyrene	26.74	276	20731	0.342	ng	98
35) Benzo(b)fluoranthene	23.25	252	17552	0.371	ng	97
36) Benzo(k)fluoranthene	23.30	252	18522	0.376	ng	97
37) Benzo(a)pyrene	23.92	252	17640	0.383	ng	97
38) Dibenzo(a,h)anthracene	26.77	278	17345	0.384	ng	98
39) Benzo(g,h,i)perylene	27.57	276	17532	0.379	ng	97

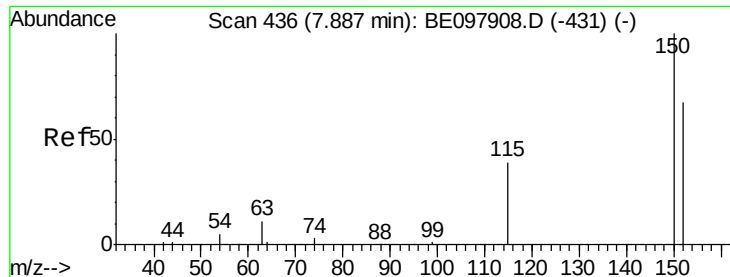
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

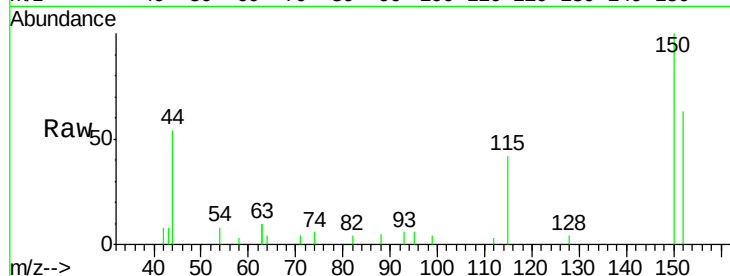
Tgt Ion:152 Resp: 1904

Ion Ratio Lower Upper

152 100

150 157.9 118.2 177.4

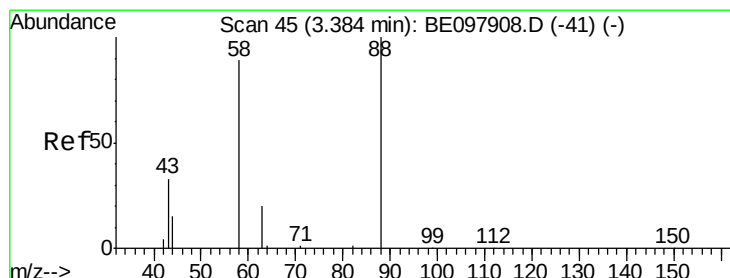
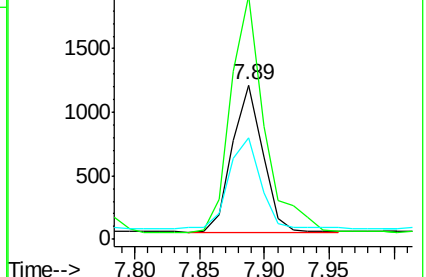
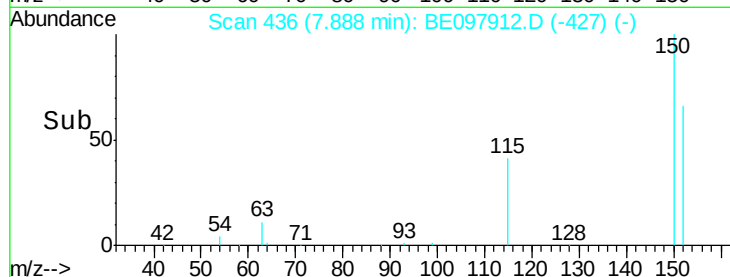
115 65.7 50.9 76.3



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: 0.384 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

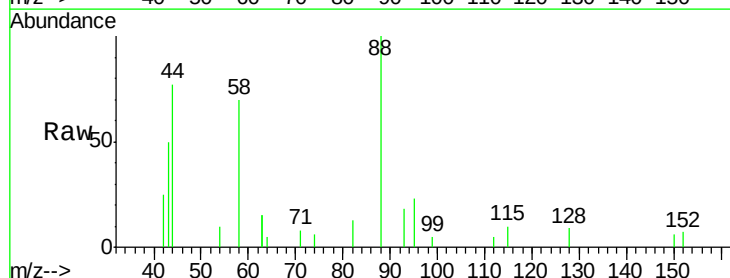
Tgt Ion: 88 Resp: 1276

Ion Ratio Lower Upper

88 100

58 93.3 73.2 109.8

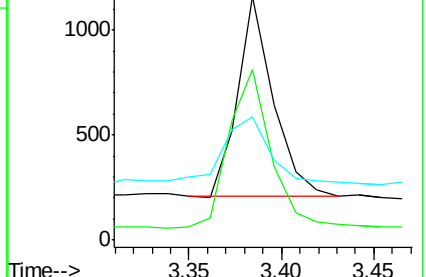
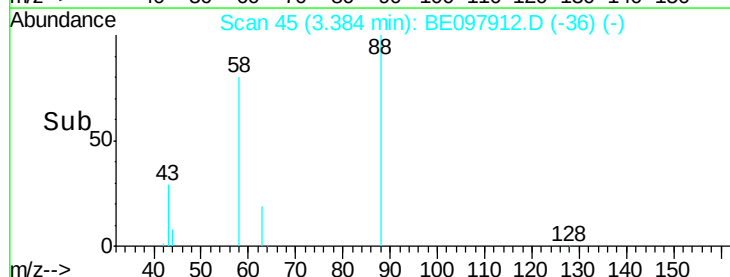
43 44.0 36.9 55.3

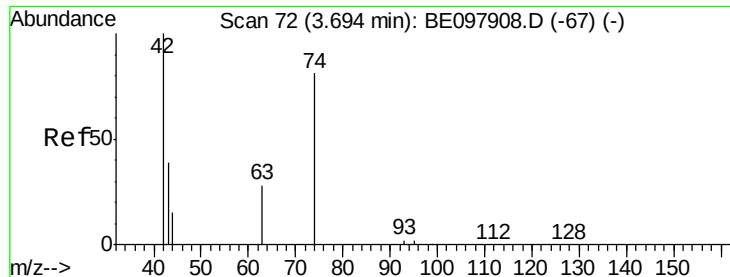


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

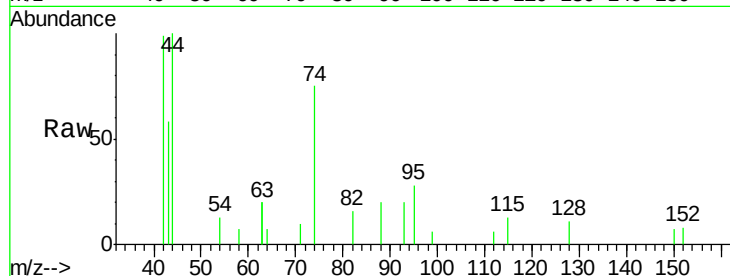
Tgt Ion: 42 Resp: 1409

Ion Ratio Lower Upper

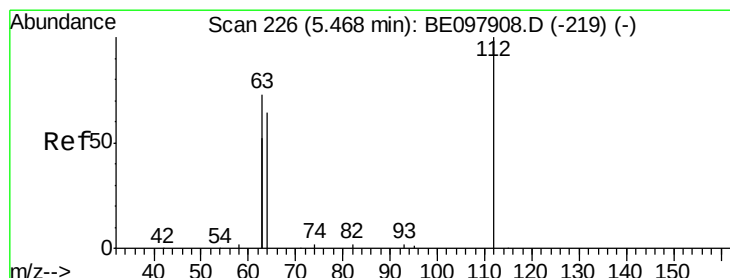
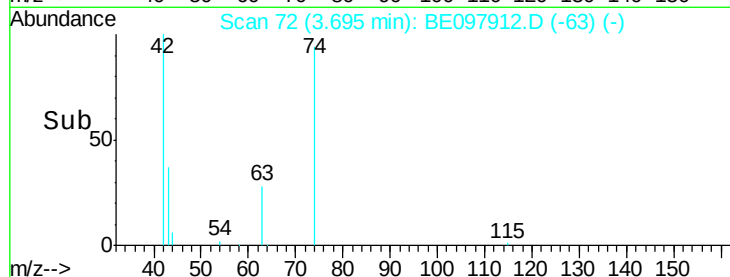
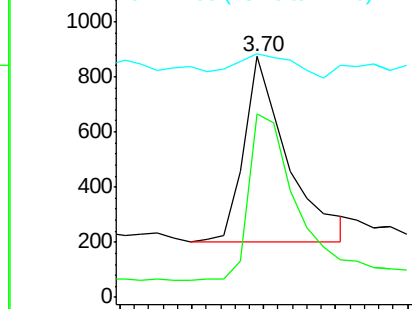
42 100

74 96.5 77.6 116.4

44 16.6 7.6 11.4#



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: 0.385 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

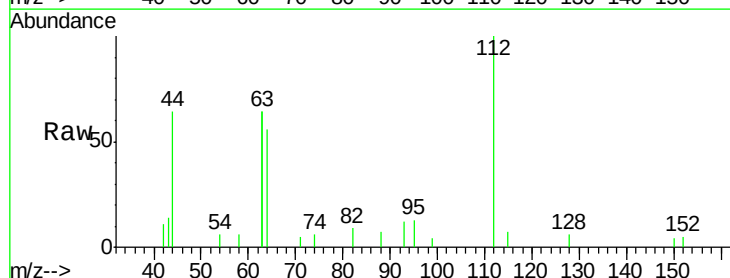
Tgt Ion: 112 Resp: 2309

Ion Ratio Lower Upper

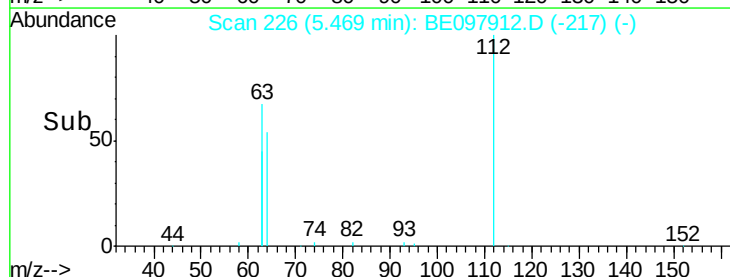
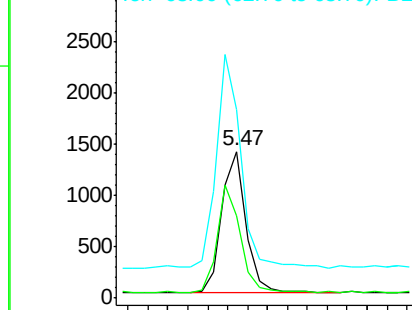
112 100

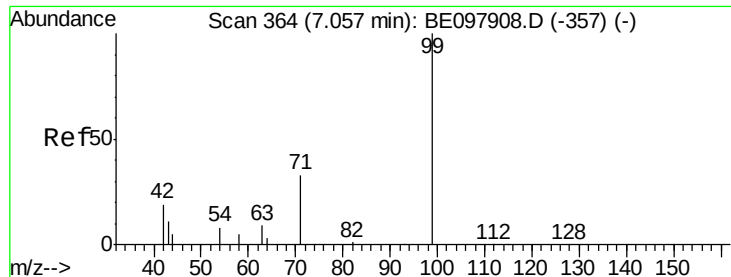
64 74.1 58.9 88.3

63 154.3 120.3 180.5



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: 0.390 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

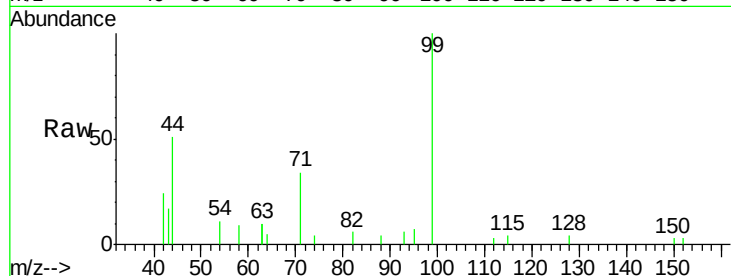
Tgt Ion: 99 Resp: 3457

Ion Ratio Lower Upper

99 100

42 27.0 19.9 29.9

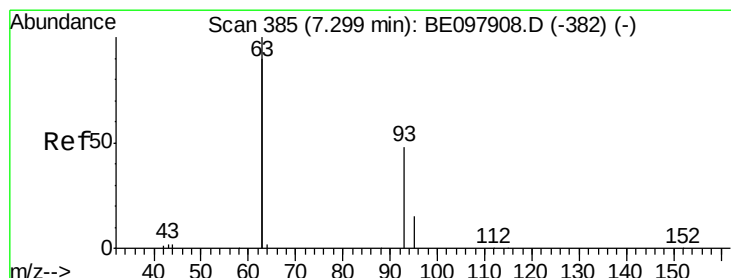
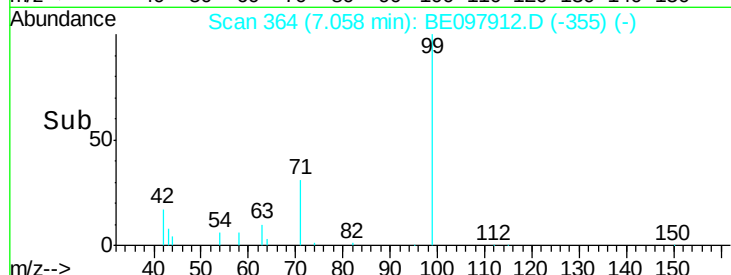
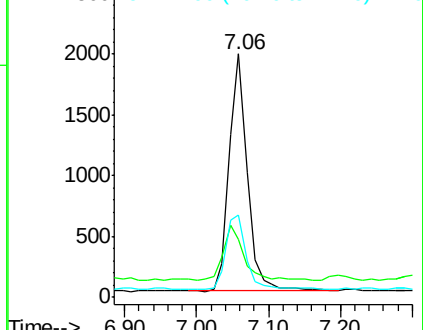
71 34.7 27.8 41.8



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: 0.382 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

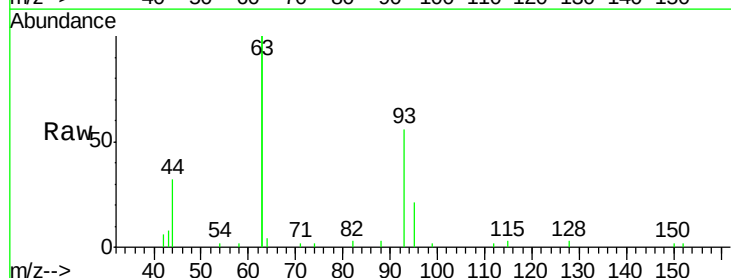
Tgt Ion: 93 Resp: 2877

Ion Ratio Lower Upper

93 100

63 329.9 259.0 388.4

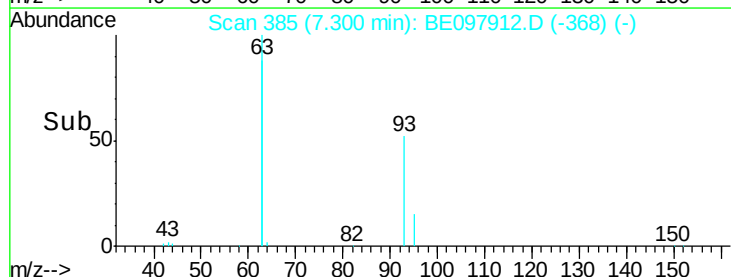
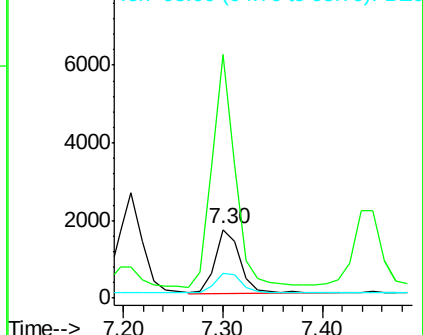
95 32.8 27.8 41.8

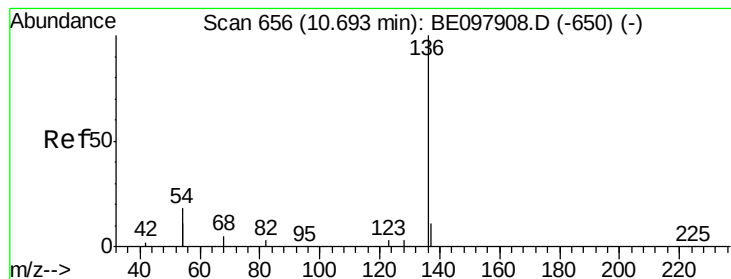


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

Tgt Ion:136 Resp: 8662

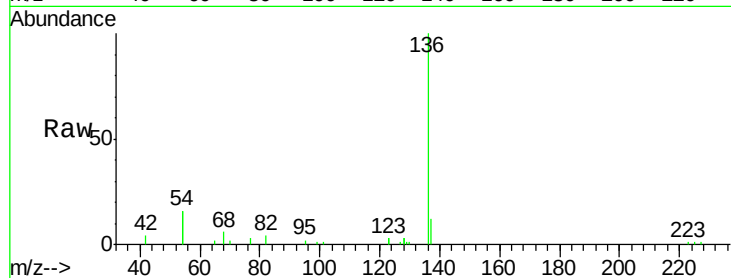
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 31.5 27.7 41.5

68 6.2 5.3 7.9

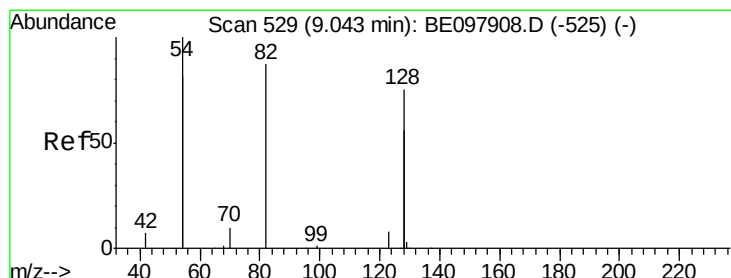
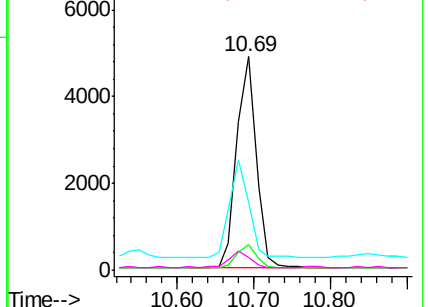
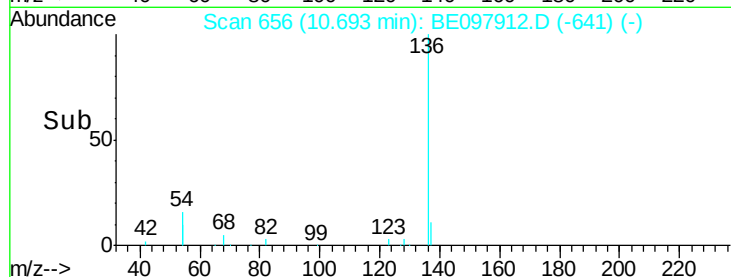


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

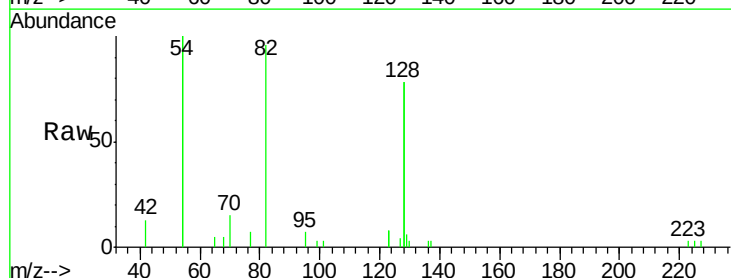
Tgt Ion: 82 Resp: 3296

Ion Ratio Lower Upper

82 100

128 162.1 129.9 194.9

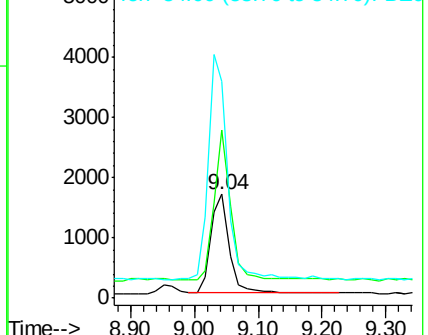
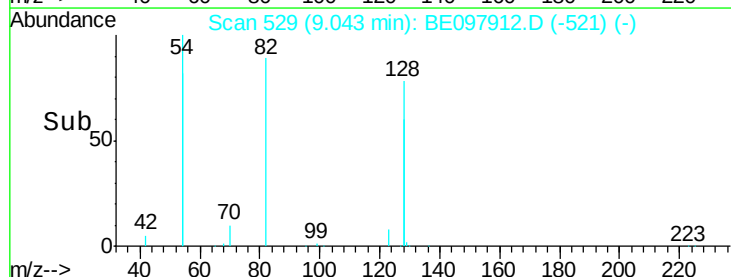
54 208.8 174.0 261.0

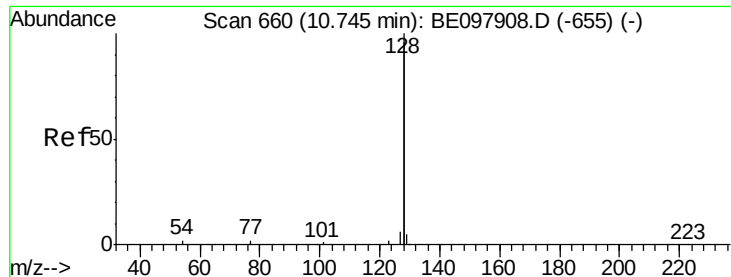


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

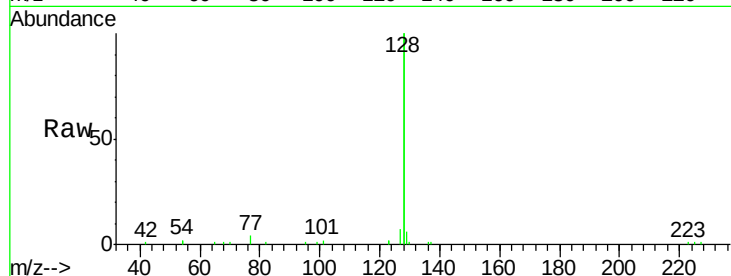
Tgt Ion:128 Resp: 33983

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

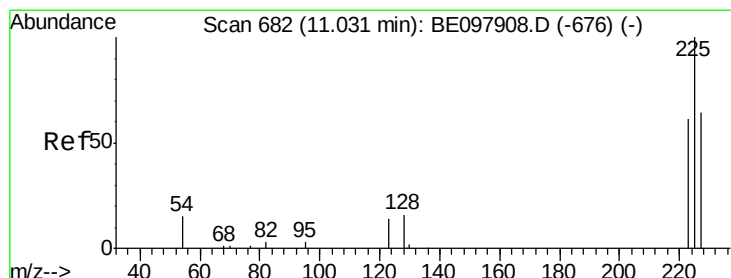
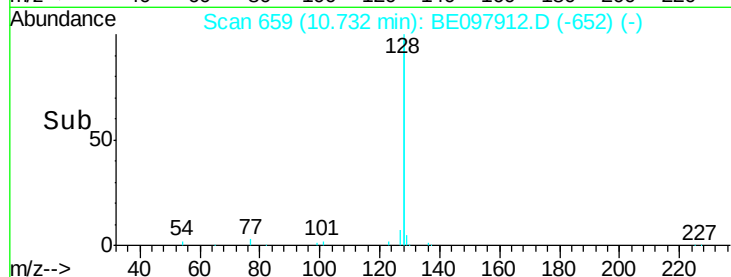
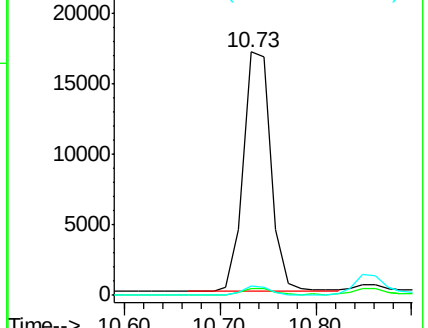
127 3.6 2.8 4.2



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: 0.388 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

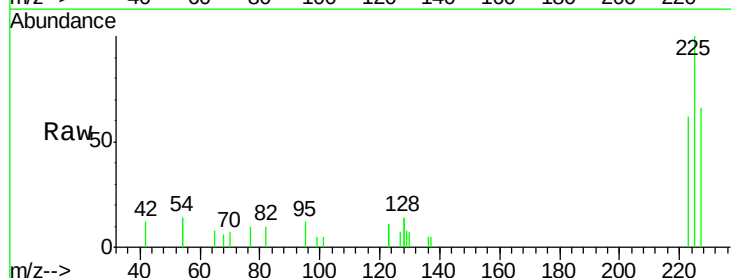
Tgt Ion:225 Resp: 1802

Ion Ratio Lower Upper

225 100

223 63.5 51.8 77.8

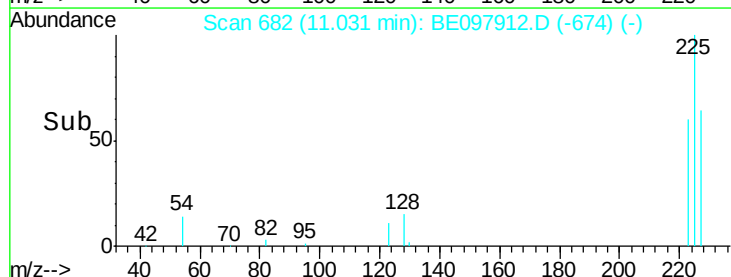
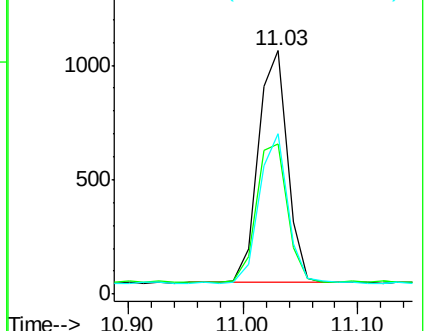
227 62.8 53.0 79.6

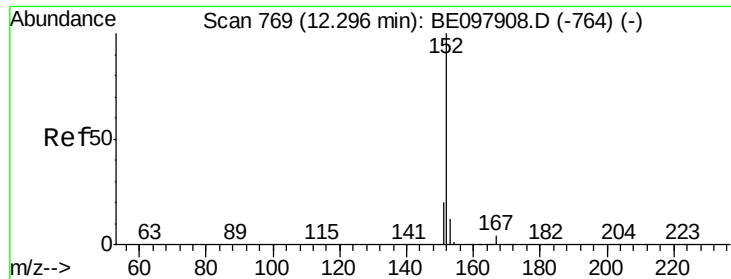


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

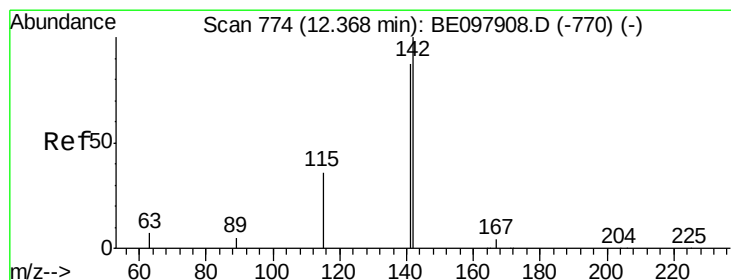
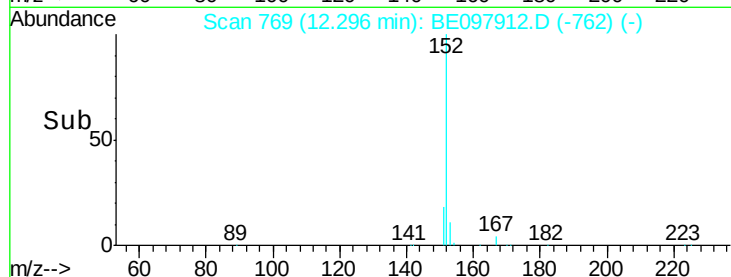
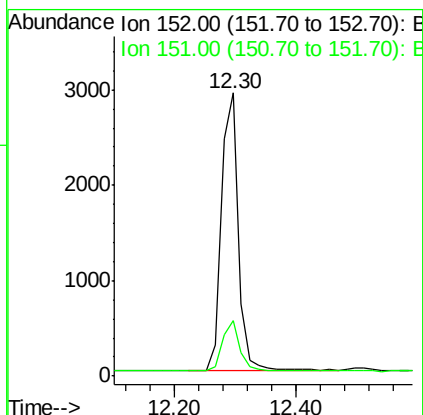
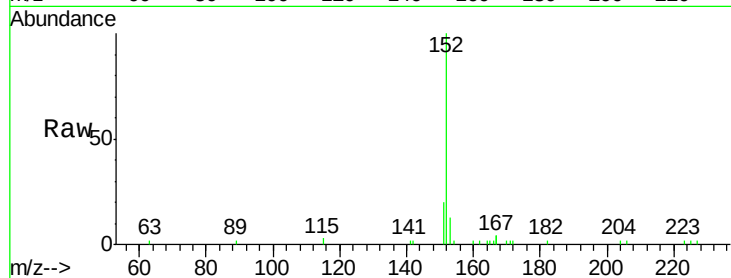




#11
 2-Methylnaphthalene-d10
 Concen: 0.396 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

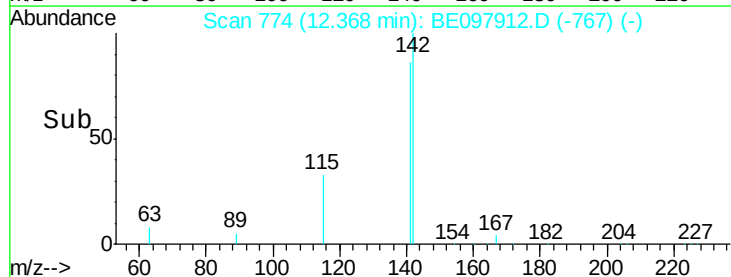
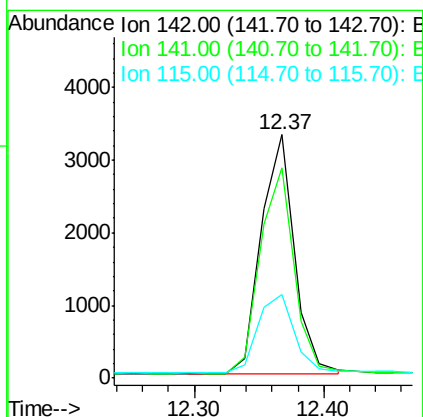
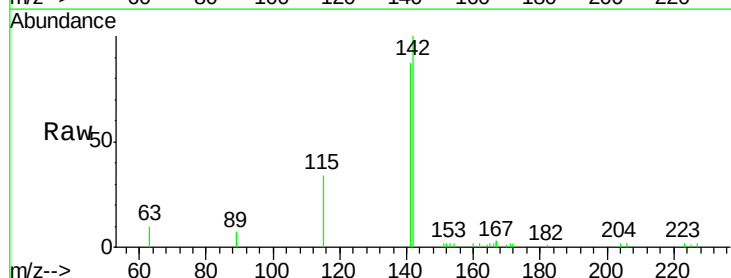
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101618

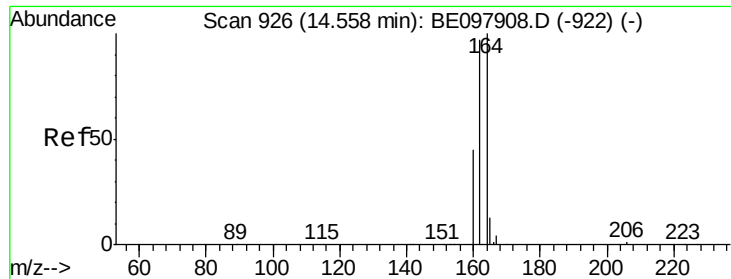
Tgt Ion:152 Resp: 5713
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

Tgt Ion:142 Resp: 5886
 Ion Ratio Lower Upper
 142 100
 141 86.6 69.8 104.6
 115 34.5 30.5 45.7

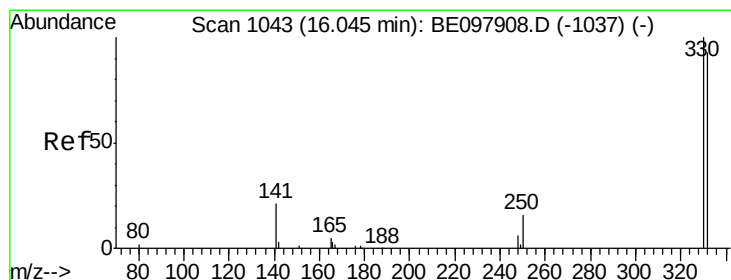
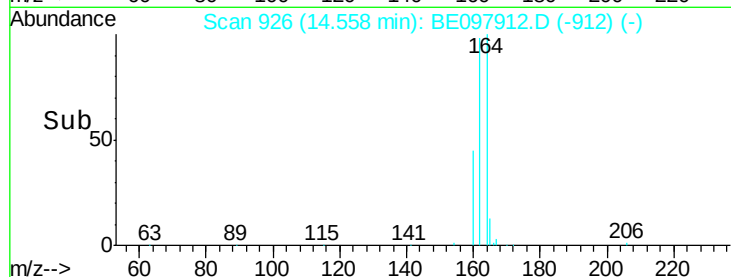
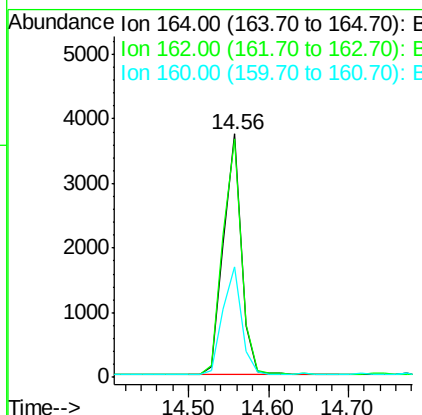
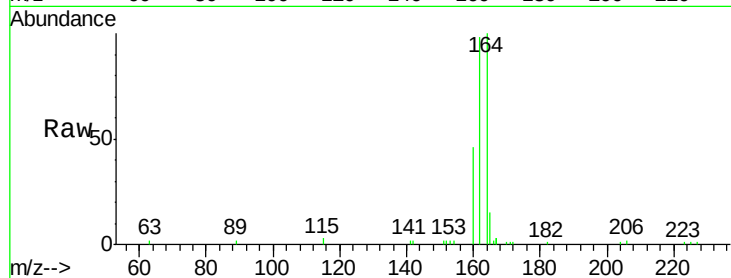




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

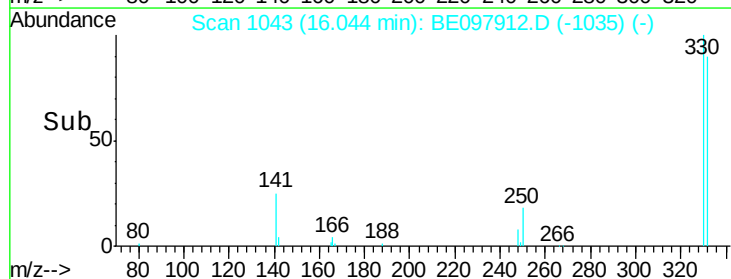
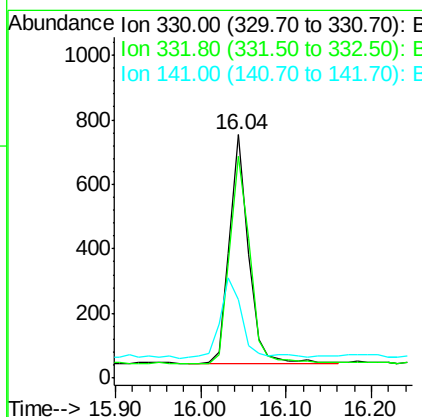
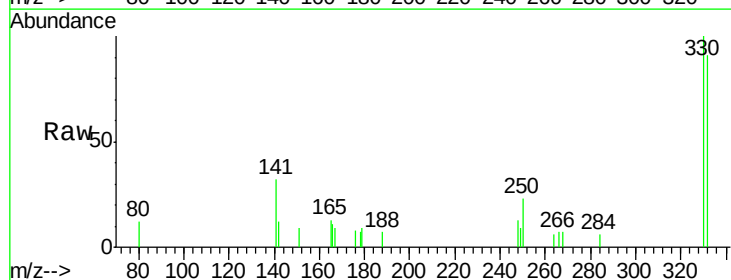
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101618

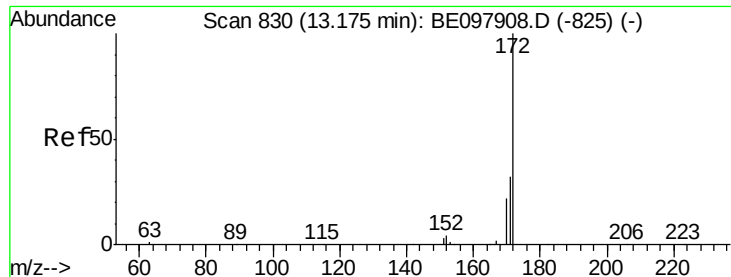
Tgt Ion:164 Resp: 5782
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.4 116.2
 160 45.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.359 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

Tgt Ion:330 Resp: 1116
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.5 114.7
 141 40.9 31.8 47.6

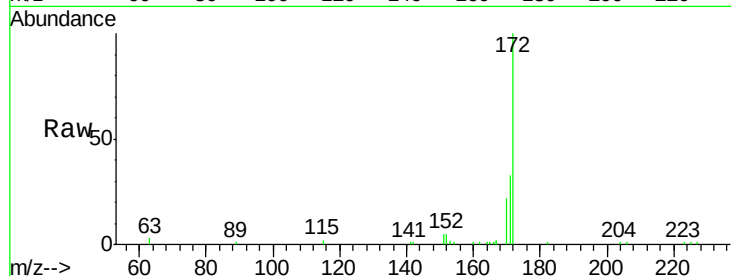




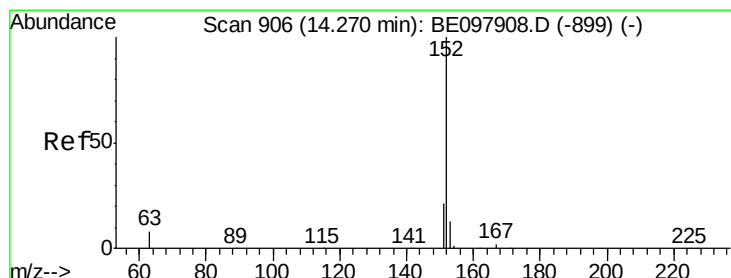
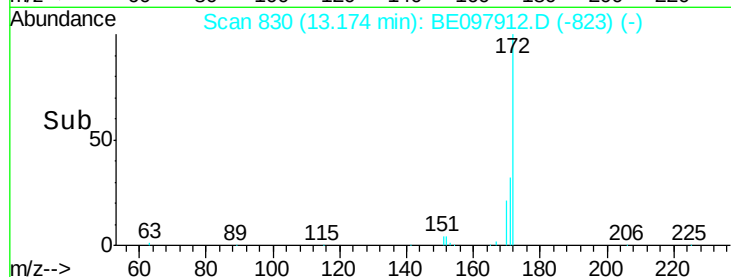
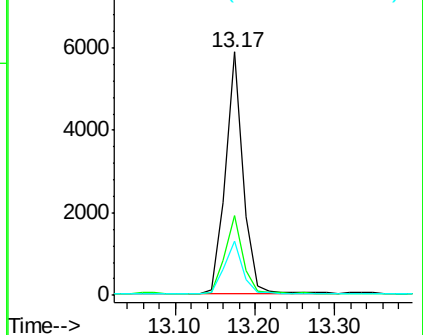
#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101618

Tgt Ion:172 Resp: 8950
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.0 39.0
 170 22.2 18.0 27.0

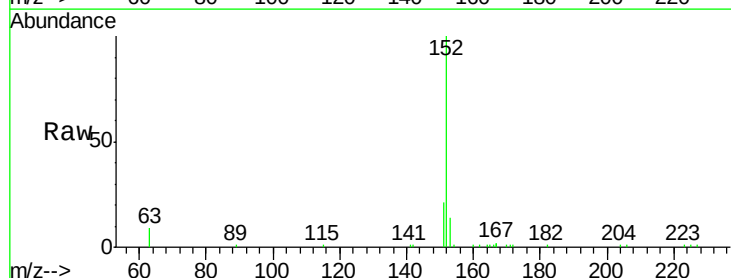


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

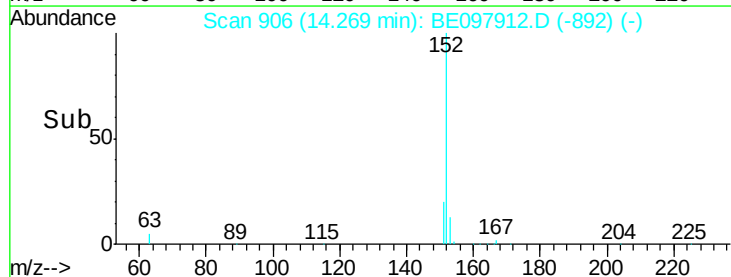
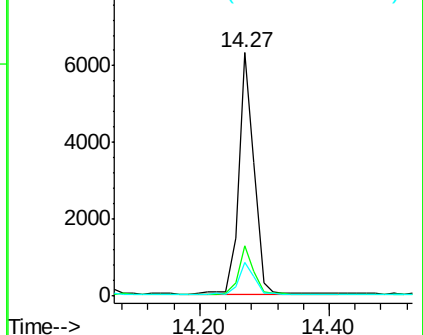


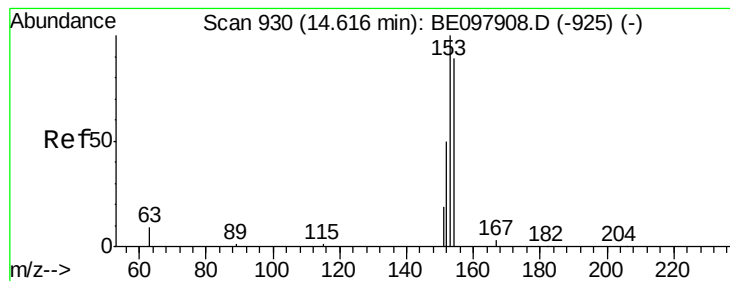
#16
 Acenaphthylene
 Concen: 0.380 ng
 RT: 14.27 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

Tgt Ion:152 Resp: 10149
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.1 24.1
 153 13.2 10.9 16.3



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: 0.387 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

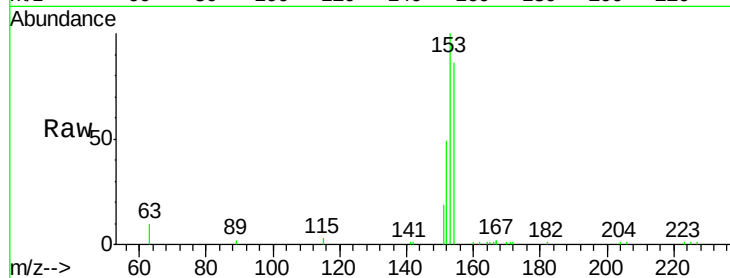
Tgt Ion:154 Resp: 6319

Ion Ratio Lower Upper

154 100

153 115.7 92.6 139.0

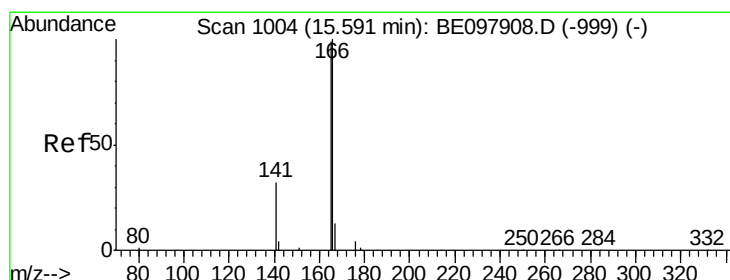
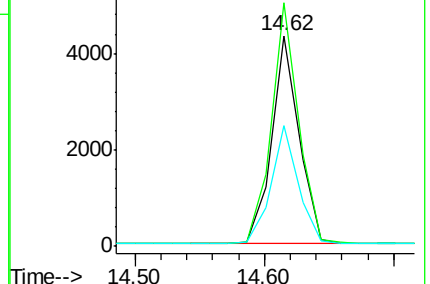
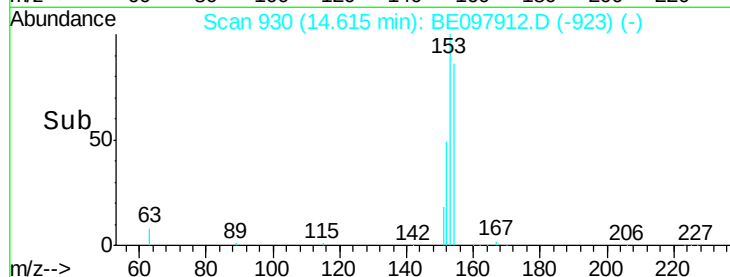
152 56.8 45.5 68.3



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: 0.391 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

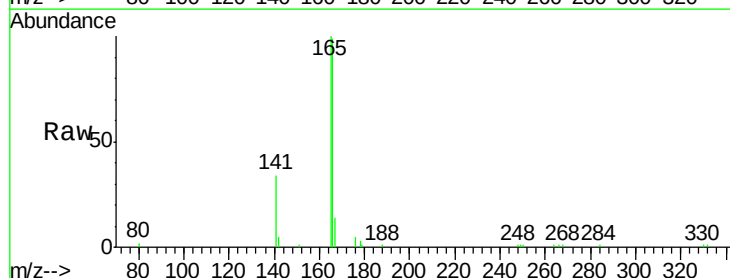
Tgt Ion:166 Resp: 8780

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

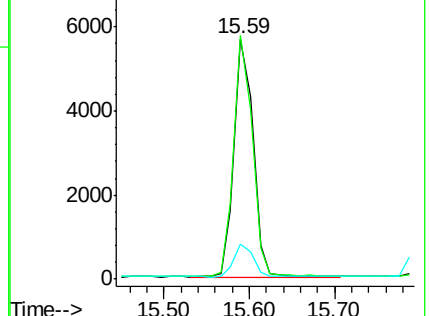
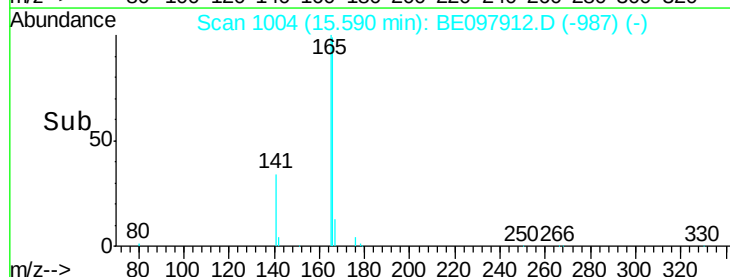
167 14.1 11.0 16.6

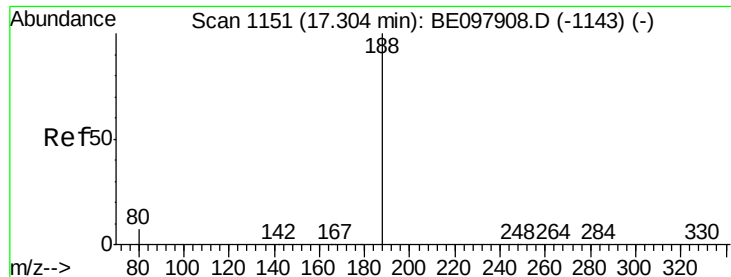


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

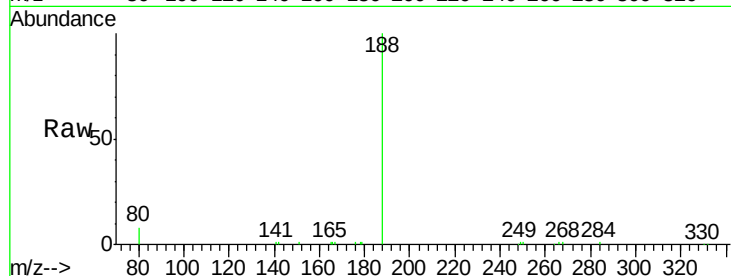
Tgt Ion:188 Resp: 16275

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

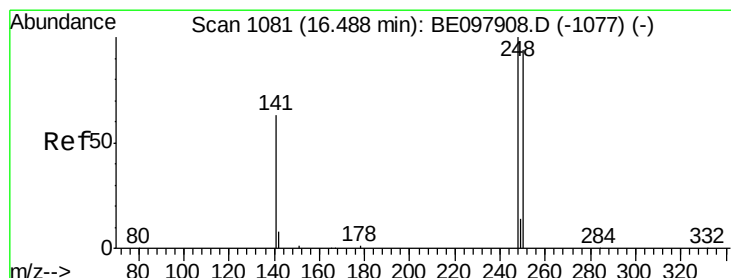
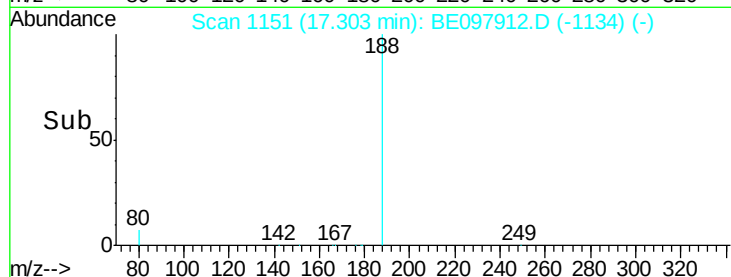
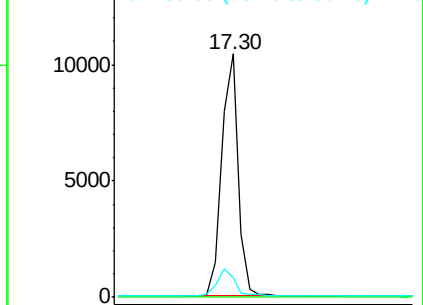
80 7.9 6.3 9.5



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: 0.376 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

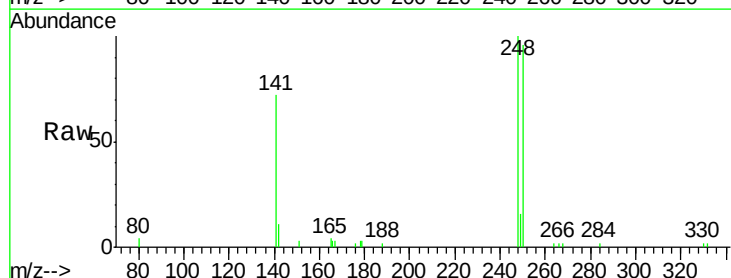
Tgt Ion:248 Resp: 3344

Ion Ratio Lower Upper

248 100

250 95.8 75.1 112.7

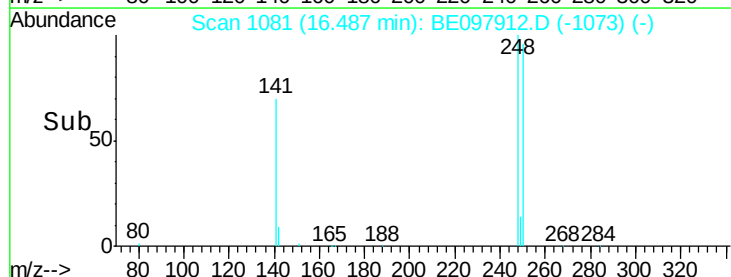
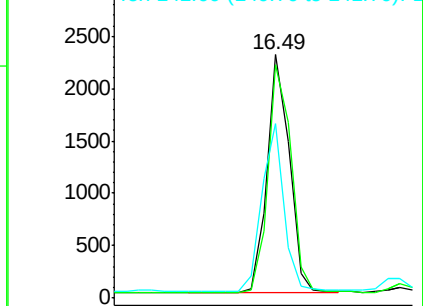
141 71.9 51.8 77.8

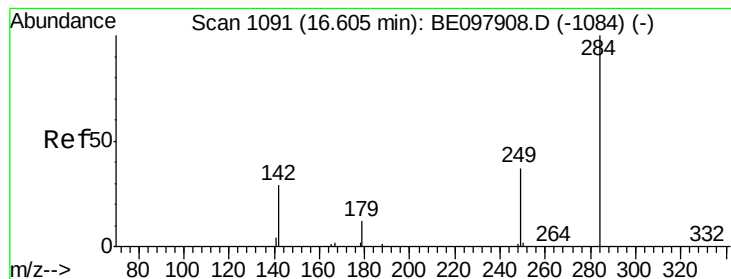


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

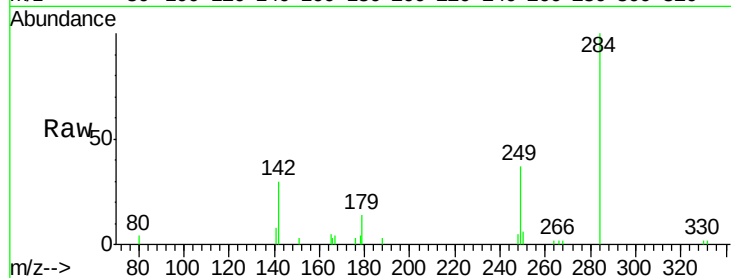
Tgt Ion:284 Resp: 3350

Ion Ratio Lower Upper

284 100

142 32.4 25.9 38.9

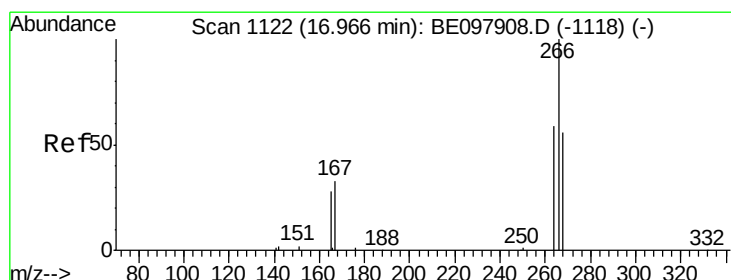
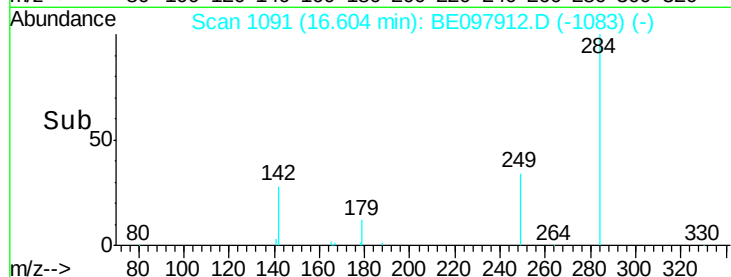
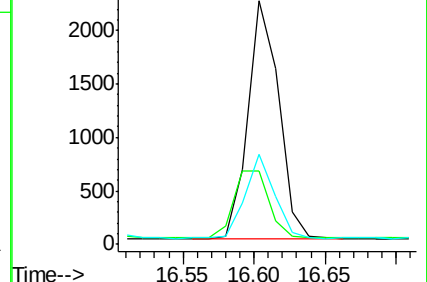
249 33.8 26.6 40.0



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: 0.364 ng

RT: 16.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

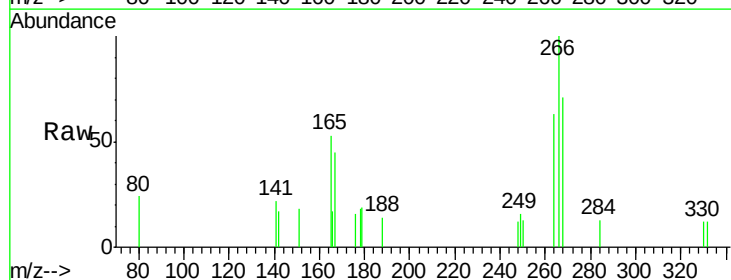
Tgt Ion:266 Resp: 755

Ion Ratio Lower Upper

266 100

264 62.8 51.3 76.9

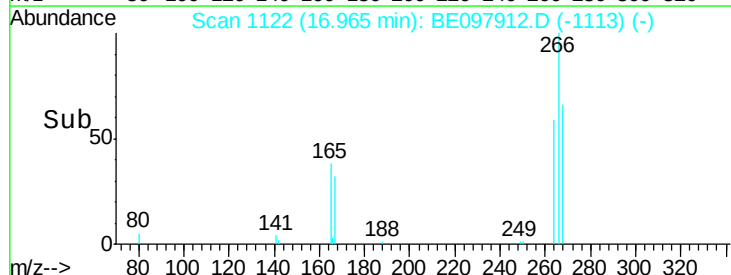
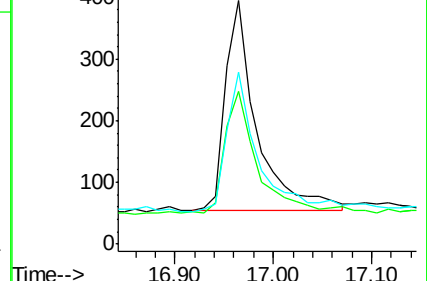
268 70.6 50.1 75.1

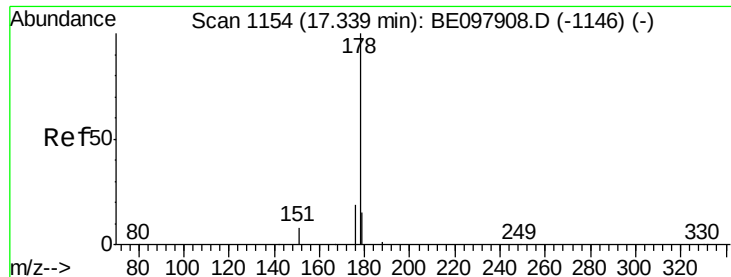


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

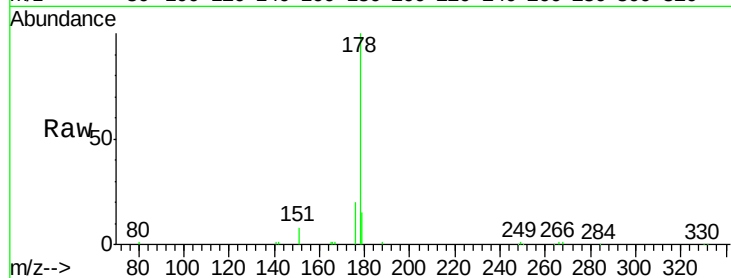
Tgt Ion:178 Resp: 15893

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

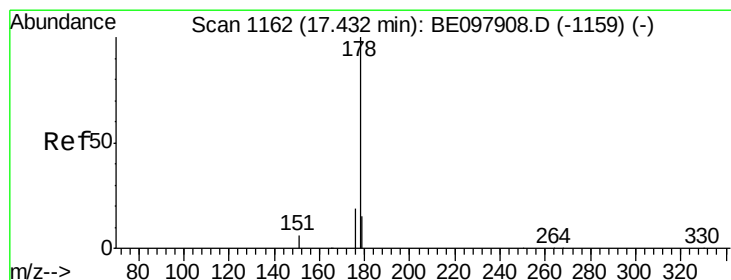
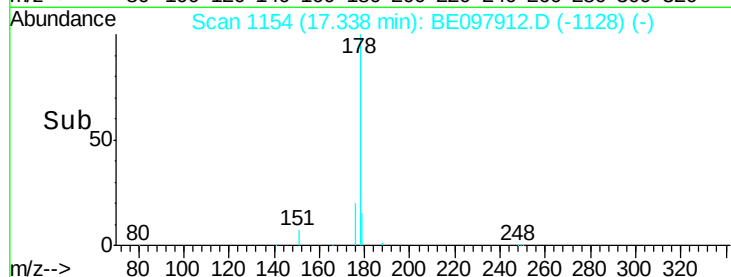
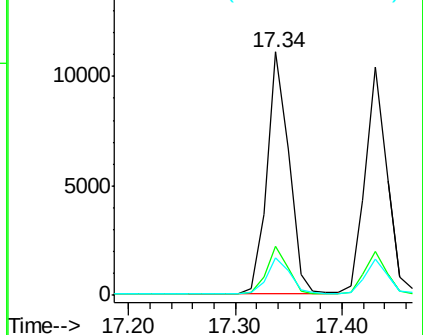
179 15.5 12.2 18.4



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: 0.377 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

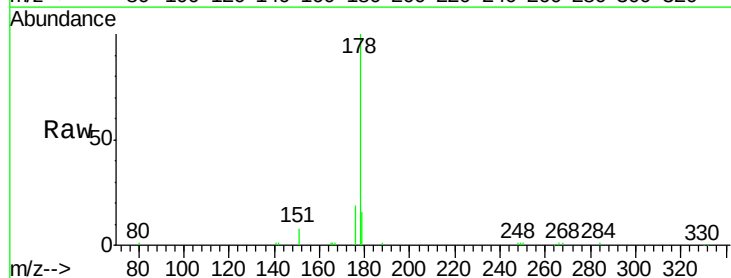
Tgt Ion:178 Resp: 14728

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

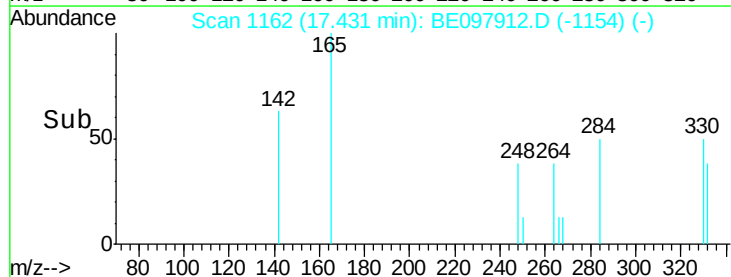
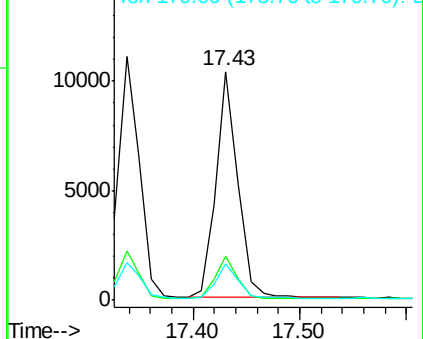
179 15.5 11.9 17.9

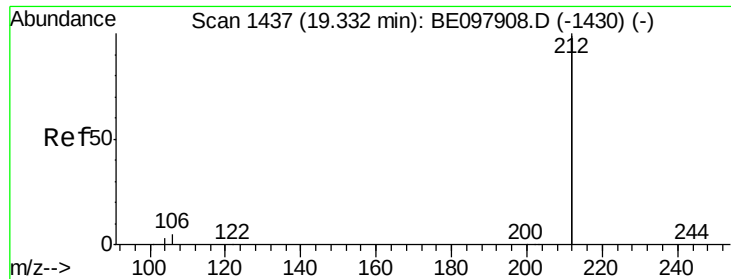


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

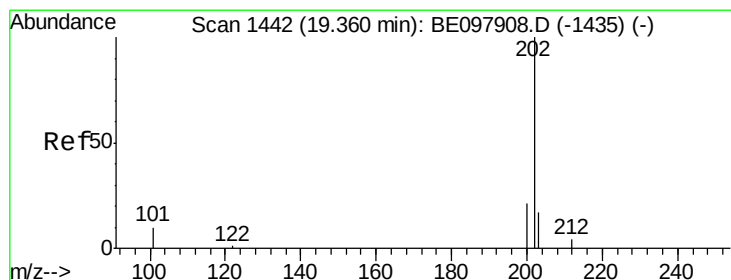
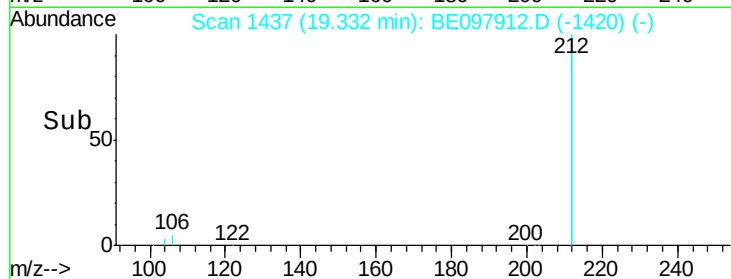
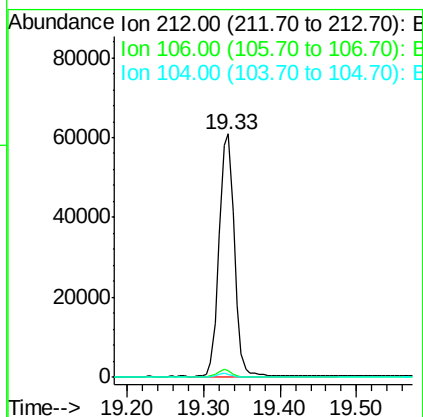
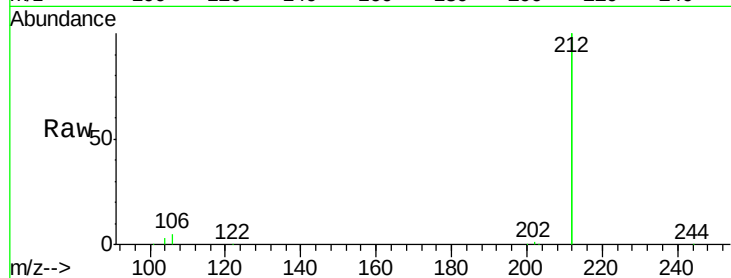




#25
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

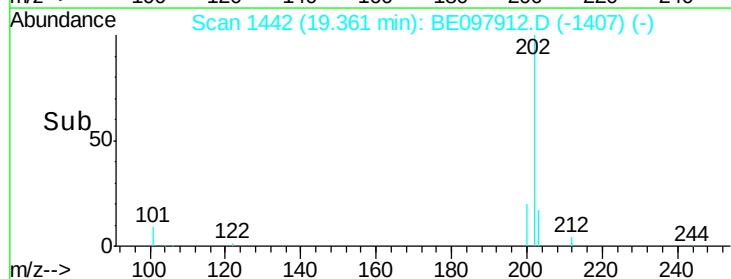
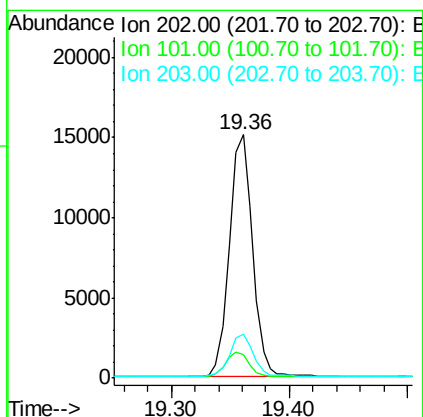
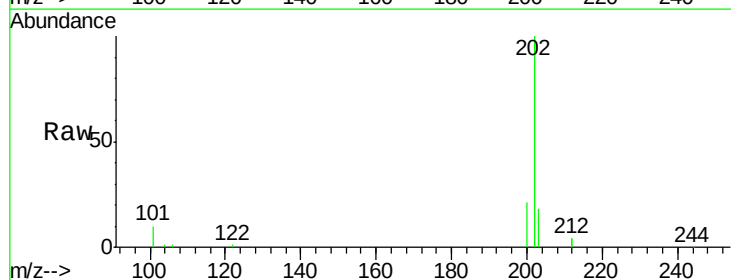
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101618

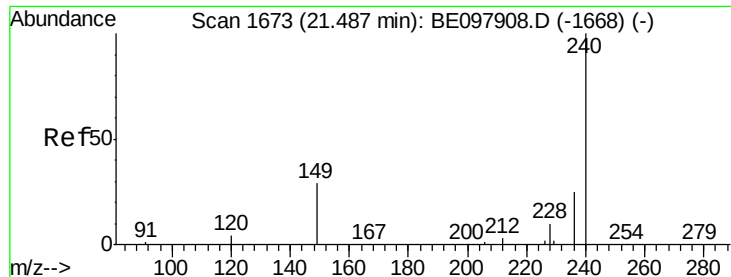
Tgt Ion: 212 Resp: 83723
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.5 1.3 1.9



#26
 Fluoranthene
 Concen: 0.378 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BE097912.D
 Acq: 16 Oct 2018 15:42

Tgt Ion: 202 Resp: 20535
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.2 12.2
 203 17.1 15.0 22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

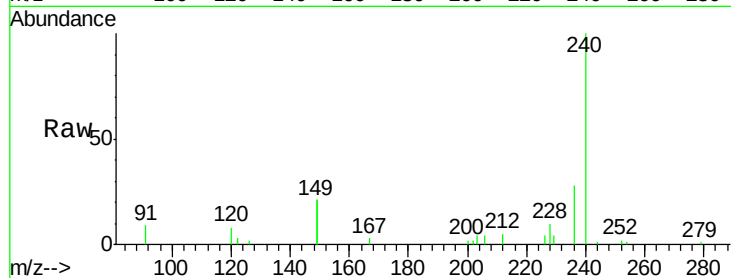
Tgt Ion:240 Resp: 18028

Ion Ratio Lower Upper

240 100

120 7.5 7.1 10.7

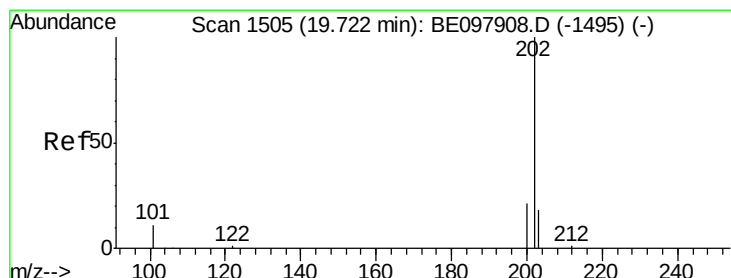
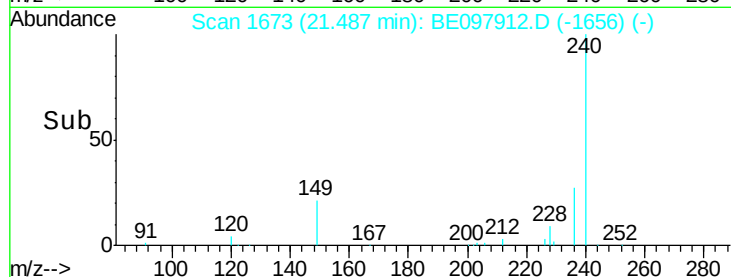
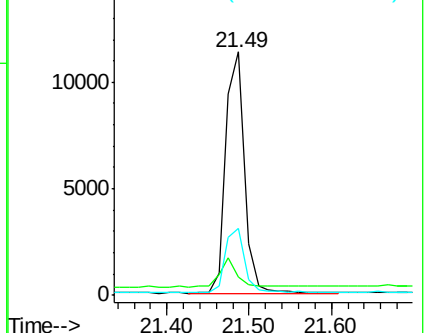
236 27.6 21.3 31.9



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: 0.418 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

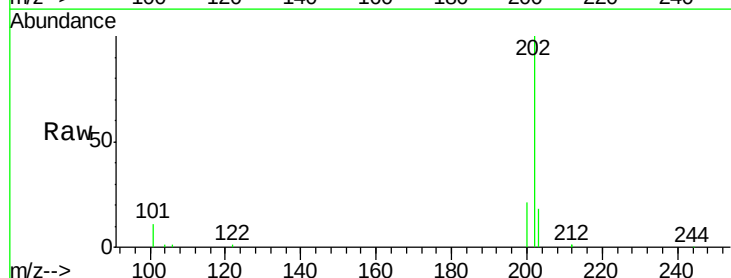
Tgt Ion:202 Resp: 21721

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

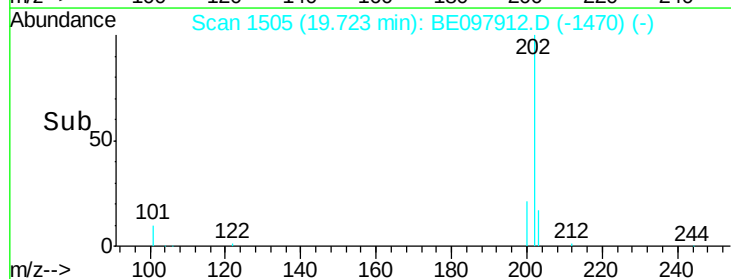
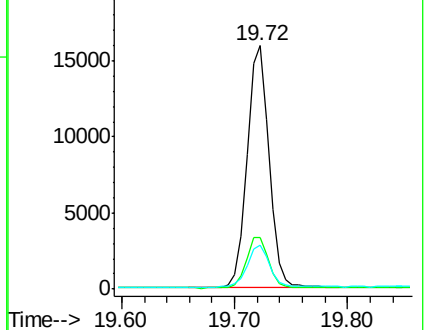
203 17.6 14.2 21.4

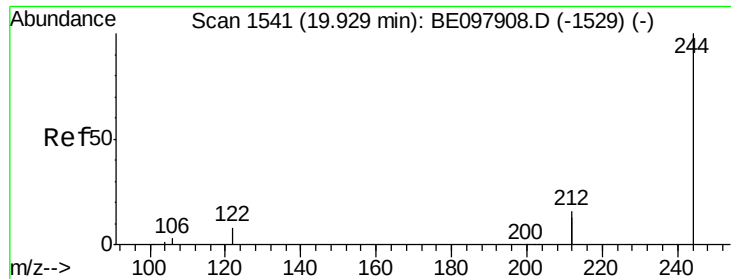


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

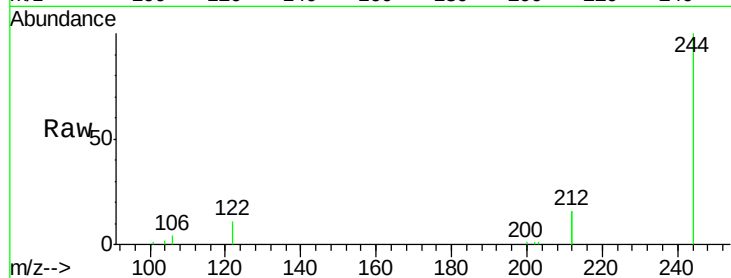
Tgt Ion:244 Resp: 16380

Ion Ratio Lower Upper

244 100

212 32.7 26.2 39.2

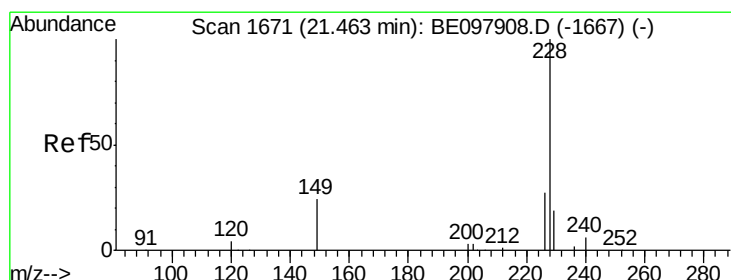
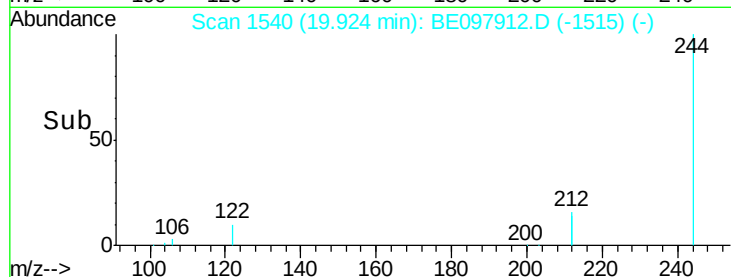
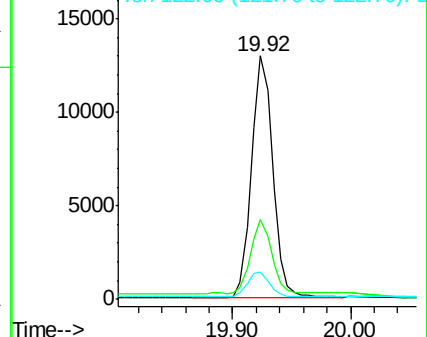
122 11.1 7.7 11.5



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: 0.389 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

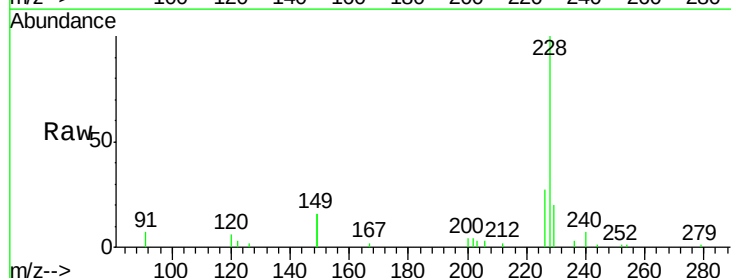
Tgt Ion:228 Resp: 21489

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

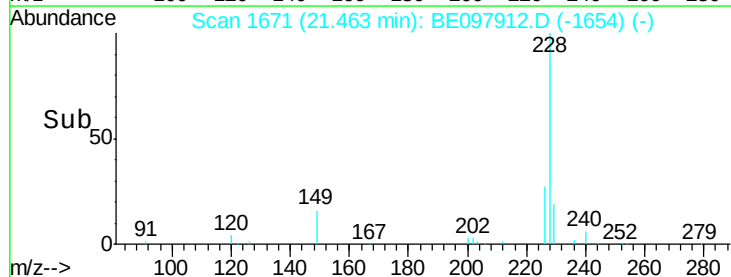
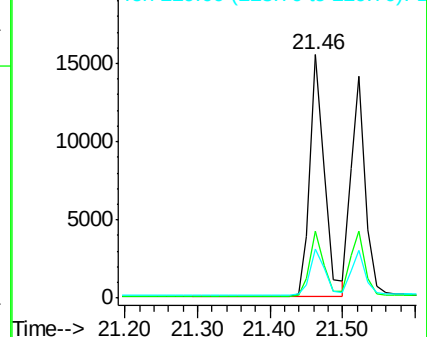
229 20.2 16.9 25.3

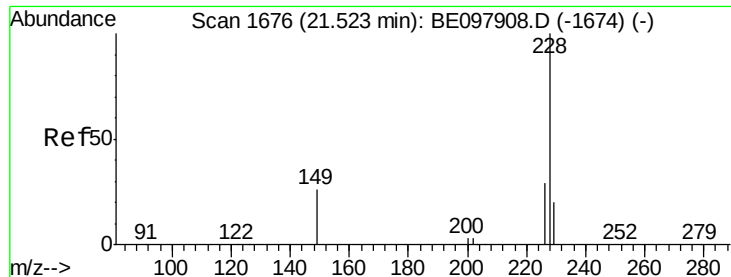


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.375 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

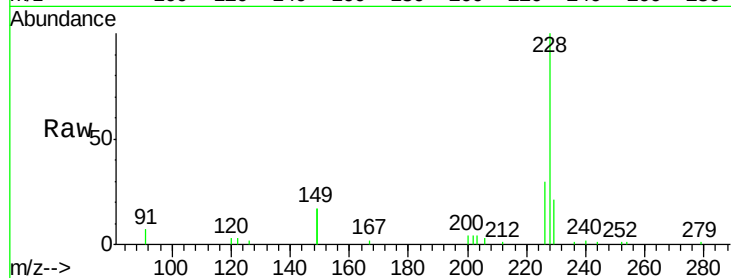
Tgt Ion:228 Resp: 19662

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

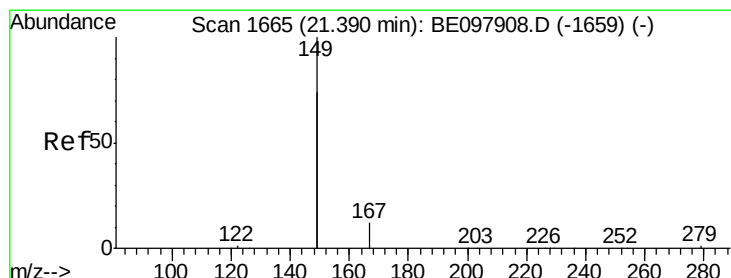
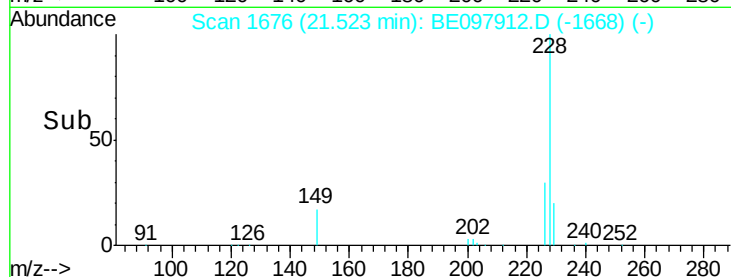
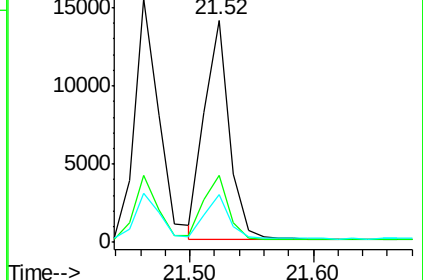
229 21.4 17.3 25.9



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: 0.324 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

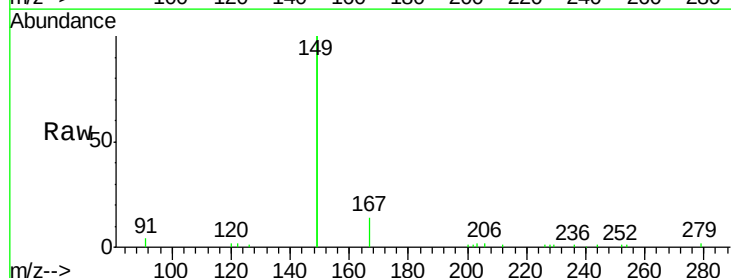
Tgt Ion:149 Resp: 44396

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

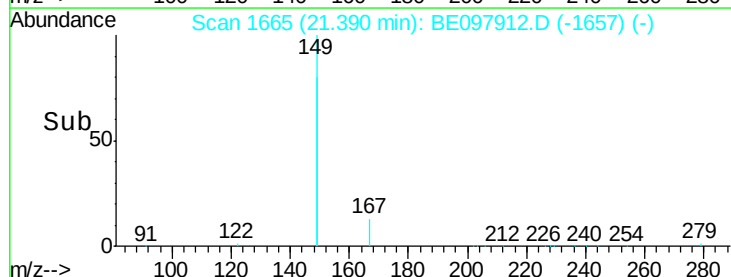
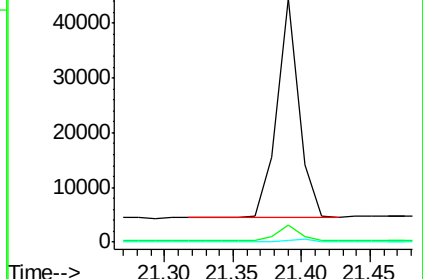
279 1.3 0.9 1.3

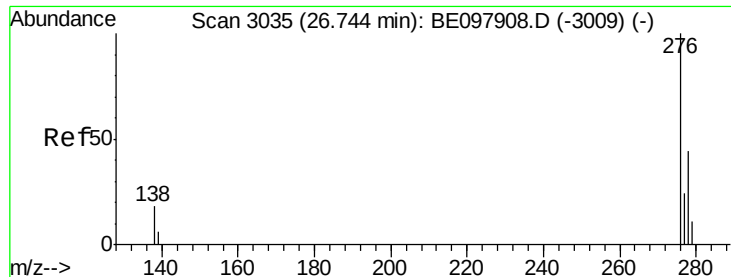


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.342 ng

RT: 26.74 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

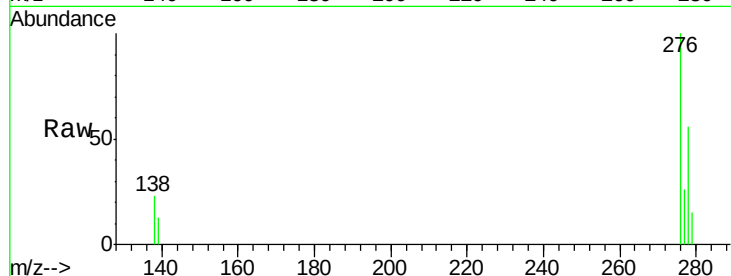
Tgt Ion:276 Resp: 20731

Ion Ratio Lower Upper

276 100

138 22.4 17.0 25.6

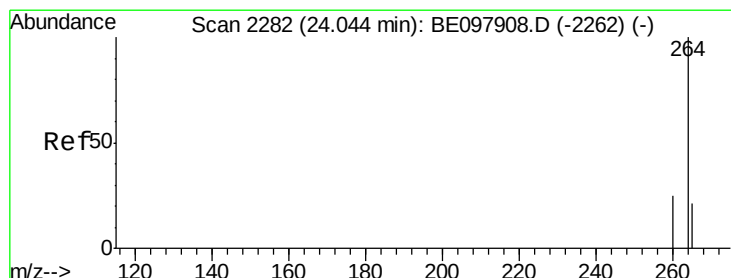
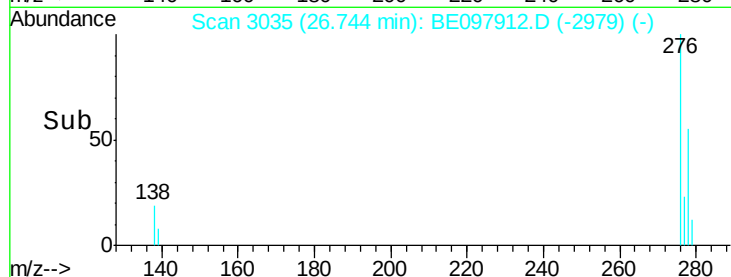
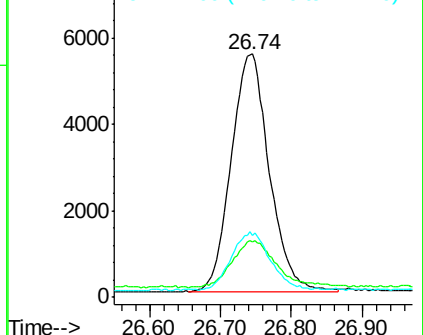
277 24.7 20.5 30.7



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: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

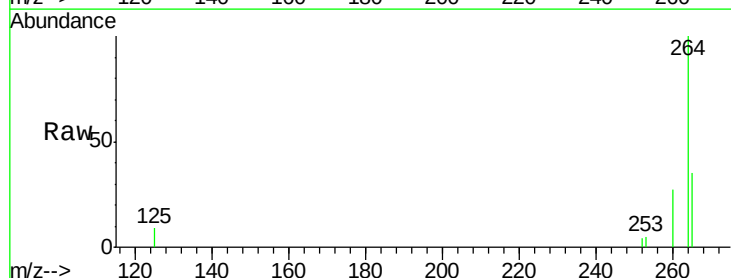
Tgt Ion:264 Resp: 16426

Ion Ratio Lower Upper

264 100

260 26.9 21.1 31.7

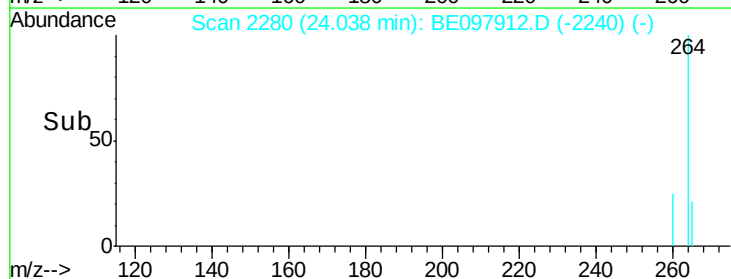
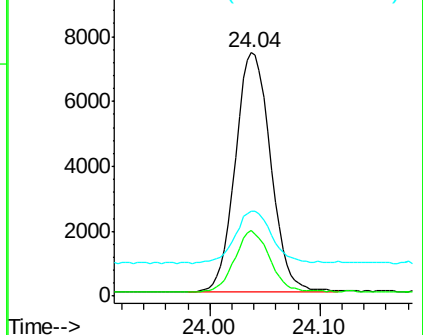
265 34.8 29.2 43.8

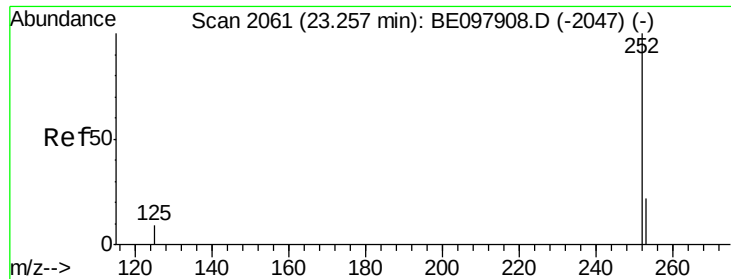


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

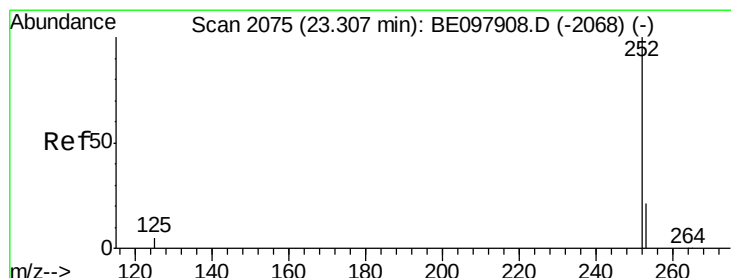
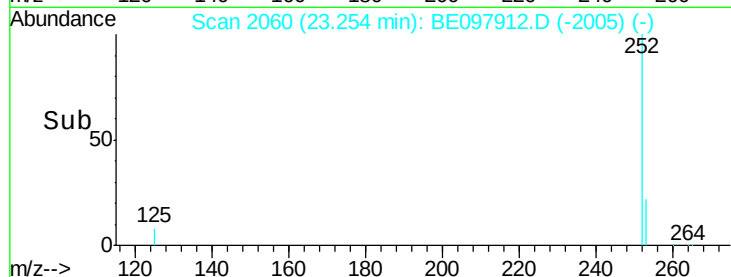
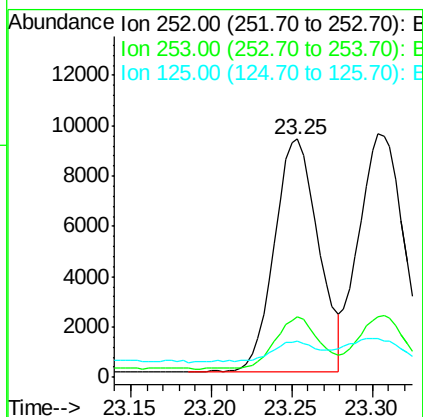
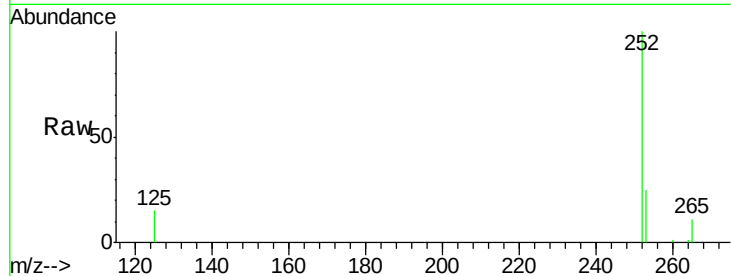




#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

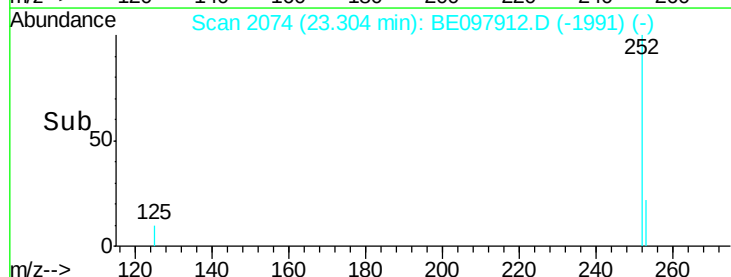
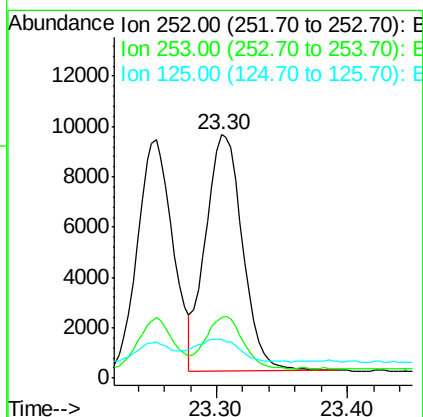
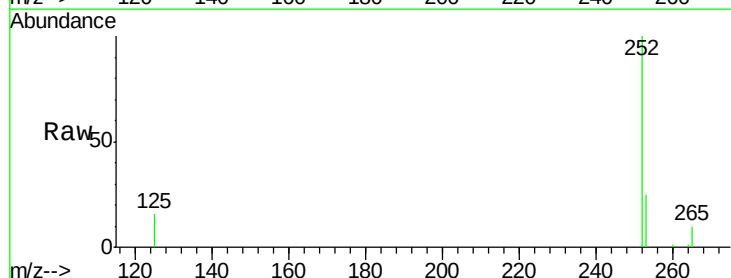
Instrument :
BNA_E
ClientSampleId :
ICVBE101618

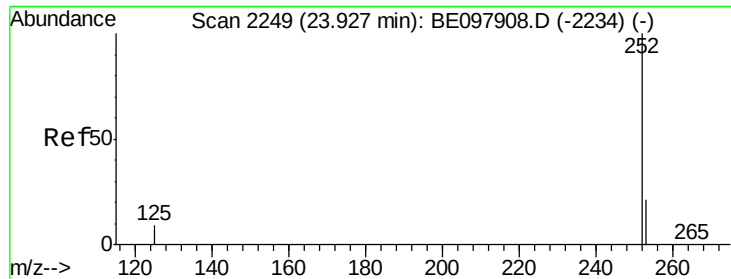
Tgt Ion:252 Resp: 17552
Ion Ratio Lower Upper
252 100
253 25.2 20.6 31.0
125 15.0 14.3 21.5



#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BE097912.D
Acq: 16 Oct 2018 15:42

Tgt Ion:252 Resp: 18522
Ion Ratio Lower Upper
252 100
253 24.9 20.4 30.6
125 16.0 14.6 21.8





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618

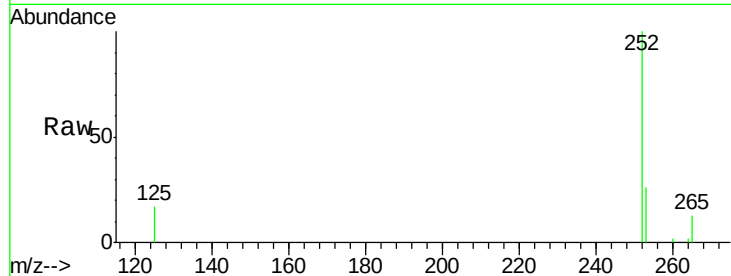
Tgt Ion:252 Resp: 17640

Ion Ratio Lower Upper

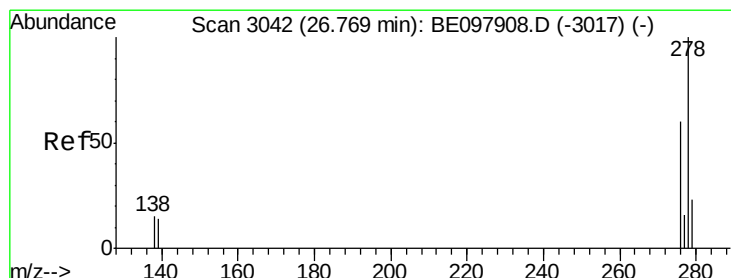
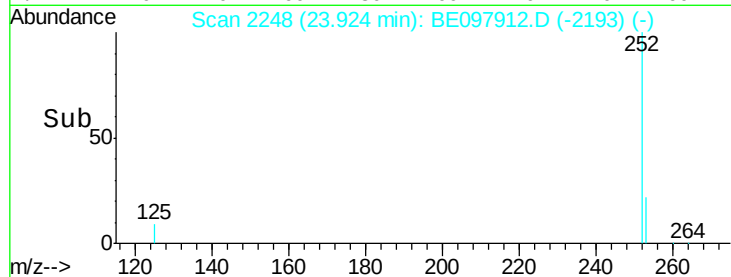
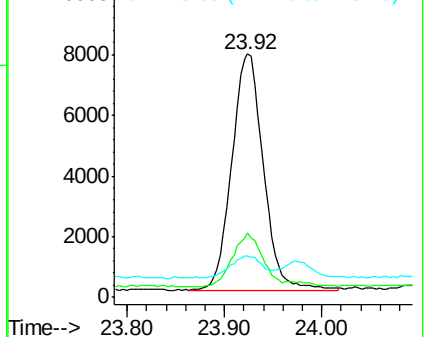
252 100

253 26.3 20.6 31.0

125 17.0 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: 0.384 ng

RT: 26.77 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE097912.D

Acq: 16 Oct 2018 15:42

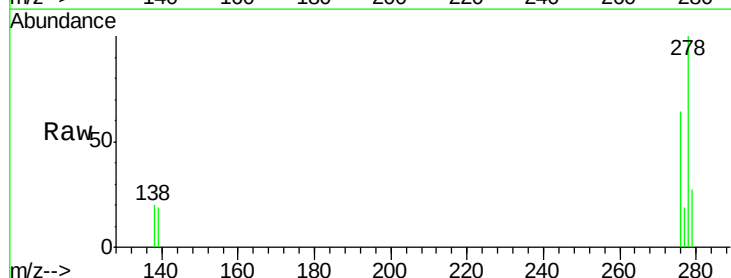
Tgt Ion:278 Resp: 17345

Ion Ratio Lower Upper

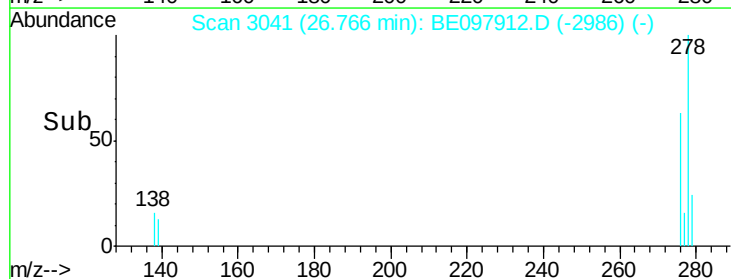
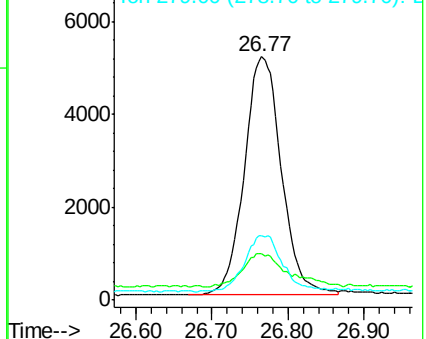
278 100

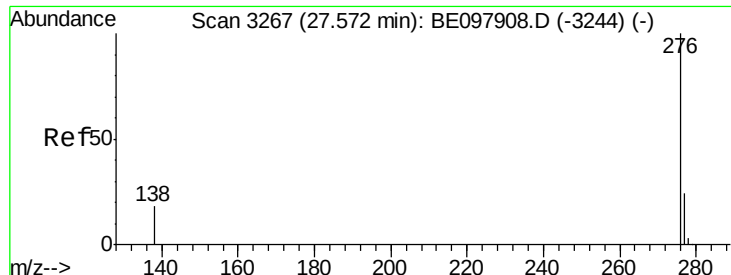
139 18.9 16.3 24.5

279 26.6 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(g,h,i)perylene

Concen: 0.379 ng

RT: 27.57 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BE097912.D

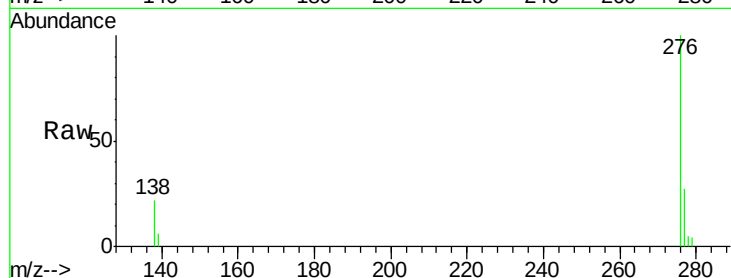
Acq: 16 Oct 2018 15:42

Instrument :

BNA_E

ClientSampleId :

ICVBE101618



Tgt Ion: 276 Resp: 17532

Ion Ratio Lower Upper

276 100

277 26.7 22.1 33.1

138 21.5 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

