

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097948.D
 Acq On : 17 Oct 2018 15:49
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 17 16:20:51 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	1633	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	7113	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4632	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	13163	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17501	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17018	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1943	0.38	ng	-0.01
5) Phenol-d6	7.04	99	2663	0.35	ng	-0.01
8) Nitrobenzene-d5	9.03	82	2369	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4382	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	760	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	6596	0.35	ng	0.00
25) Fluoranthene-d10	19.33	212	62706	0.35	ng	0.00
29) Terphenyl-d14	19.92	244	13404	0.33	ng	0.00

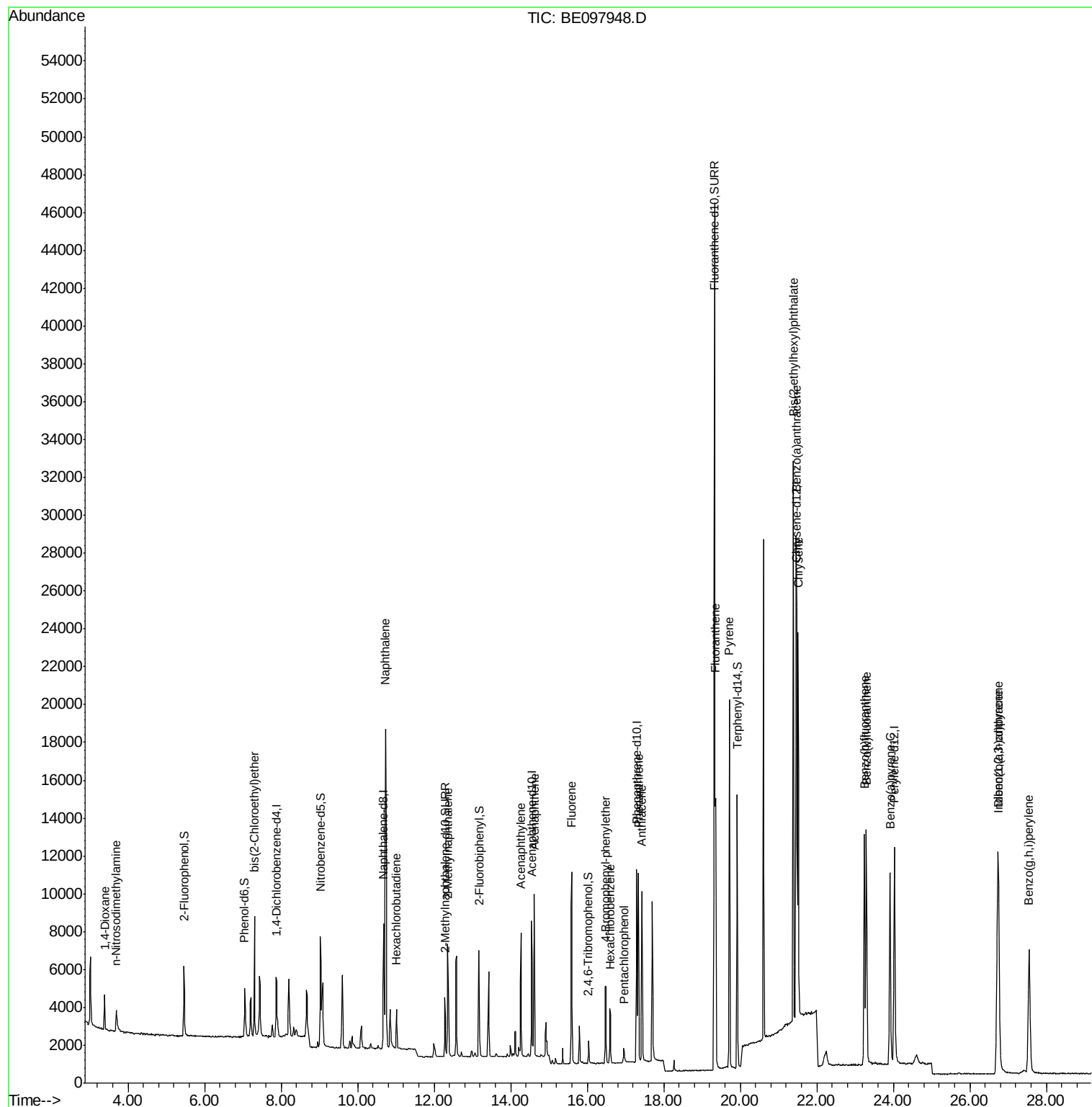
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1138	0.400	ng	94
3) n-Nitrosodimethylamine	3.69	42	1010	0.318	ng	93
6) bis(2-Chloroethyl)ether	7.30	93	2255	0.349	ng	99
9) Naphthalene	10.73	128	26667	0.377	ng	100
10) Hexachlorobutadiene	11.02	225	1425	0.373	ng	99
12) 2-Methylnaphthalene	12.35	142	4308	0.355	ng	98
16) Acenaphthylene	14.27	152	7689	0.359	ng	100
17) Acenaphthene	14.62	154	4774	0.365	ng	98
18) Fluorene	15.59	166	6582	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	2486	0.346	ng	# 85
21) Hexachlorobenzene	16.60	284	2495	0.353	ng	100
22) Pentachlorophenol	16.95	266	534	0.325	ng	95
23) Phenanthrene	17.34	178	11933	0.357	ng	99
24) Anthracene	17.42	178	10771	0.341	ng	99
26) Fluoranthene	19.35	202	15555	0.354	ng	97
28) Pyrene	19.72	202	17589	0.348	ng	99
30) Benzo(a)anthracene	21.46	228	18838	0.351	ng	97
31) Chrysene	21.51	228	18682	0.367	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	37934	0.266	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	19194	0.318	ng	99
35) Benzo(b)fluoranthene	23.25	252	17292	0.353	ng	# 90
36) Benzo(k)fluoranthene	23.30	252	18280	0.358	ng	# 91
37) Benzo(a)pyrene	23.91	252	16954	0.355	ng	# 90
38) Dibenzo(a,h)anthracene	26.75	278	16065	0.344	ng	# 95
39) Benzo(g,h,i)perylene	27.55	276	16298	0.340	ng	93

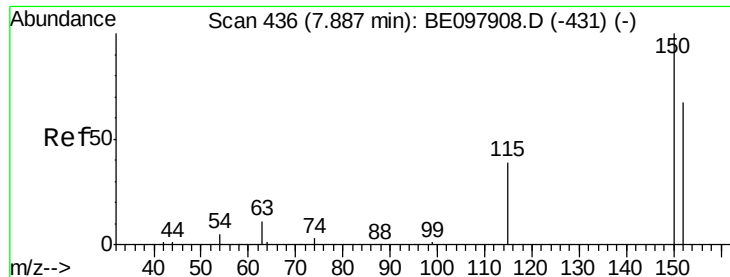
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

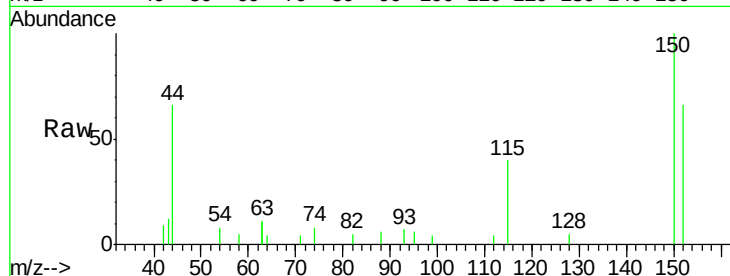
Tgt Ion:152 Resp: 1633

Ion Ratio Lower Upper

152 100

150 152.5 118.2 177.4

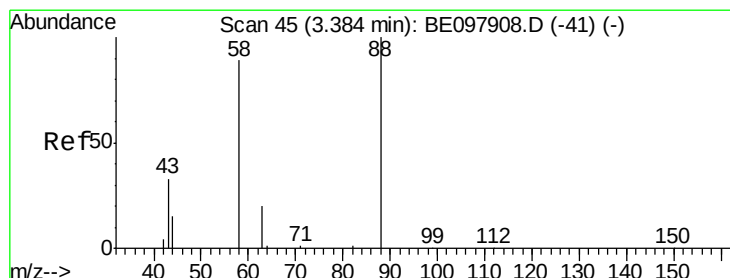
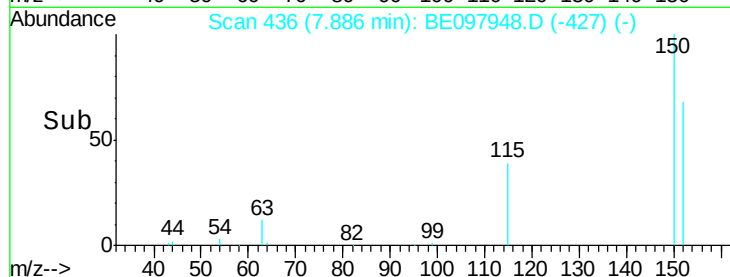
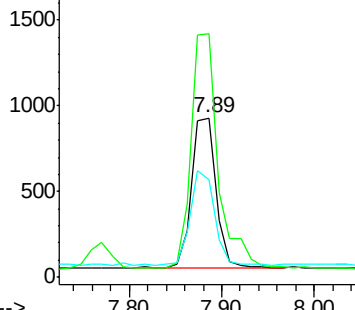
115 61.5 50.9 76.3



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: 0.400 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

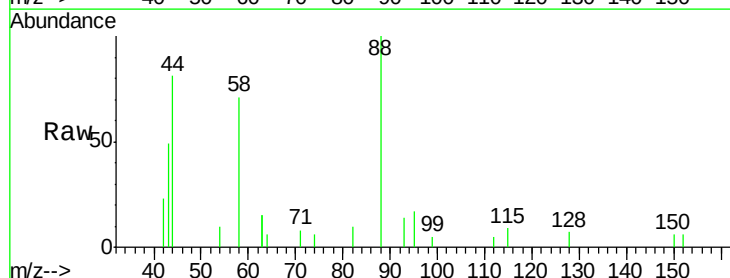
Tgt Ion: 88 Resp: 1138

Ion Ratio Lower Upper

88 100

58 86.3 73.2 109.8

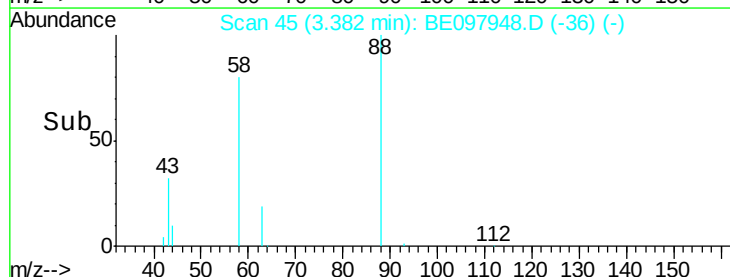
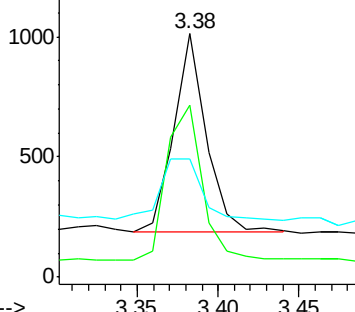
43 41.3 36.9 55.3

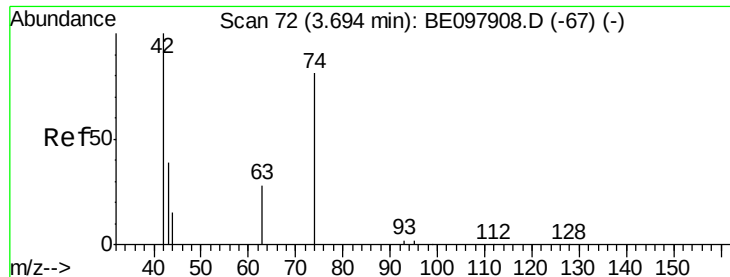


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

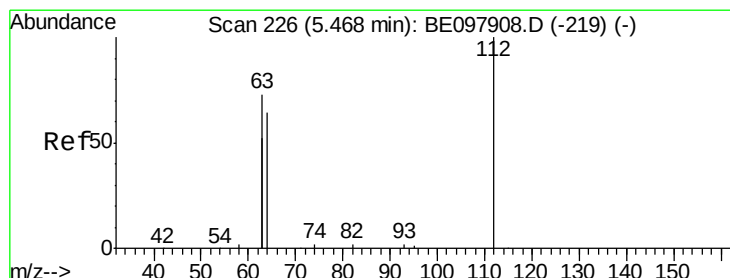
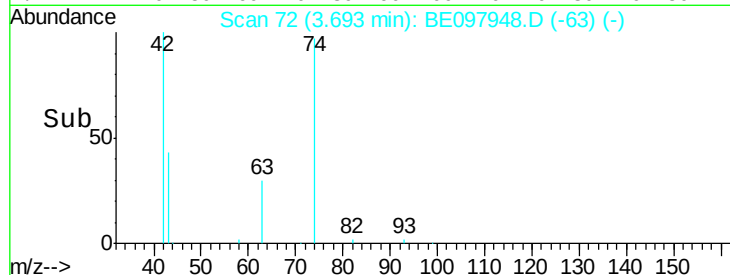
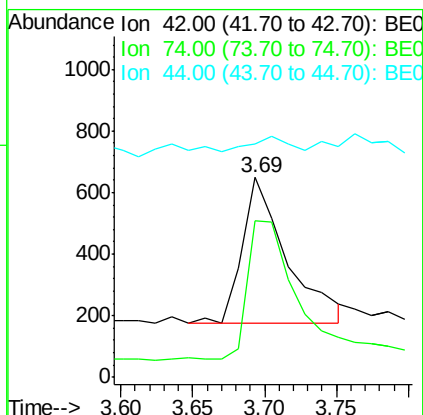
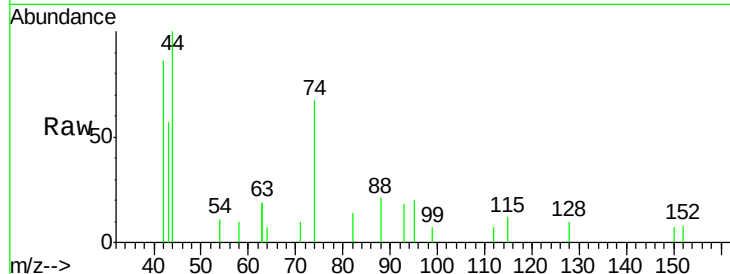




#3
 n-Nitrosodimethylamine
 Concen: 0.318 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097948.D
 Acq: 17 Oct 2018 15:49

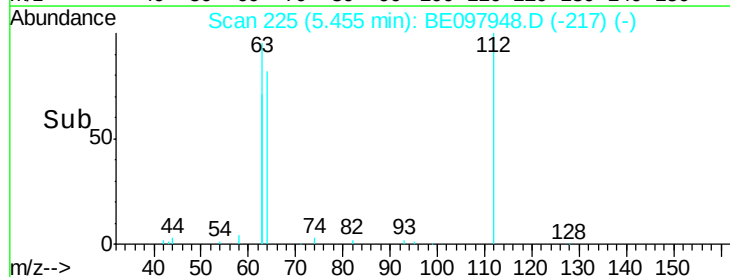
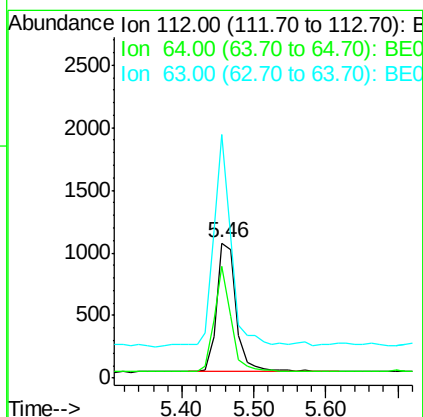
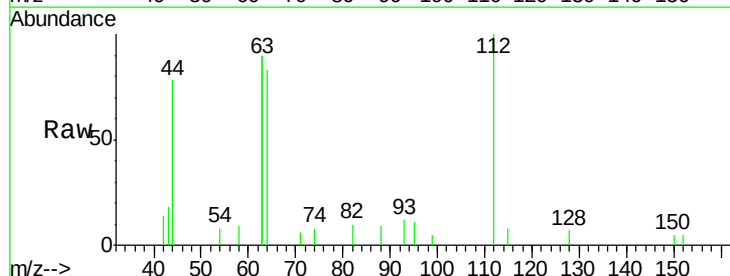
Instrument :
 BNA_E
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 SSTDCCC0.4EC

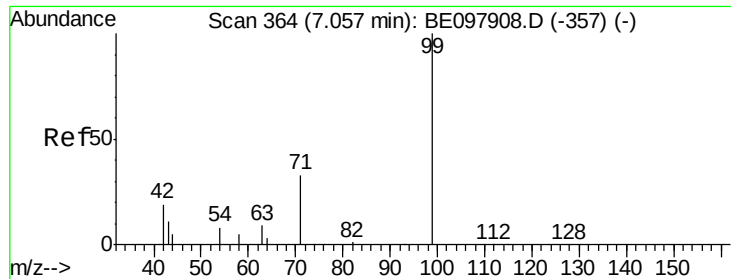
Tgt Ion: 42 Resp: 1010
 Ion Ratio Lower Upper
 42 100
 74 104.2 77.6 116.4
 44 9.1 7.6 11.4



#4
 2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097948.D
 Acq: 17 Oct 2018 15:49

Tgt Ion: 112 Resp: 1943
 Ion Ratio Lower Upper
 112 100
 64 68.9 58.9 88.3
 63 139.5 120.3 180.5





#5

Phenol-d6

Concen: 0.350 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

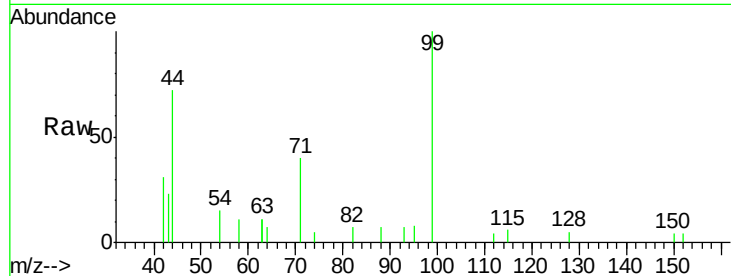
Tgt Ion: 99 Resp: 2663

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

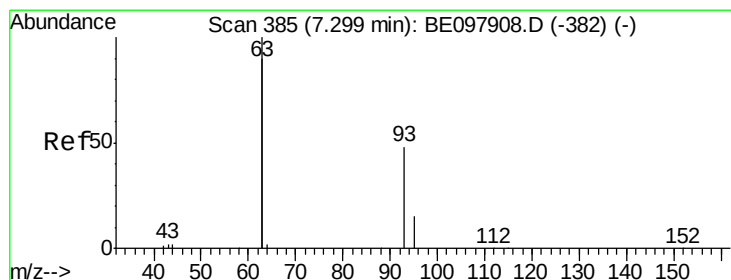
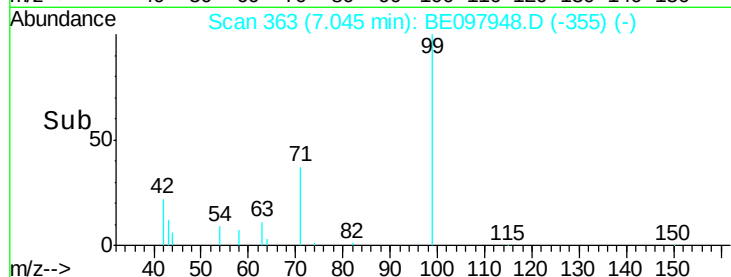
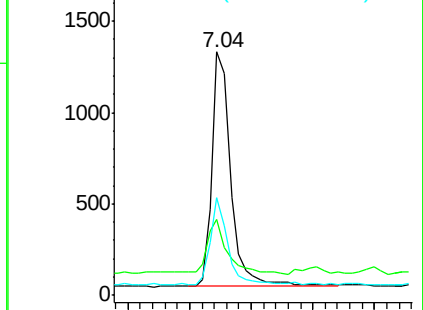
71 35.2 27.8 41.8



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: 0.349 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

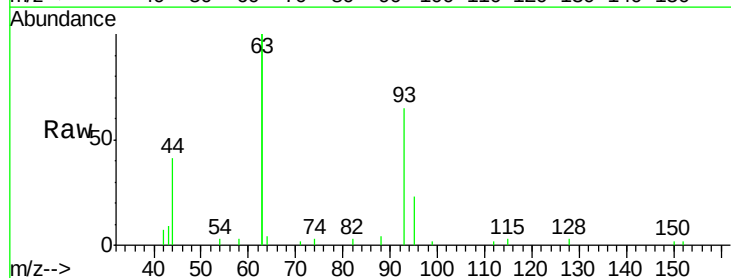
Tgt Ion: 93 Resp: 2255

Ion Ratio Lower Upper

93 100

63 324.7 259.0 388.4

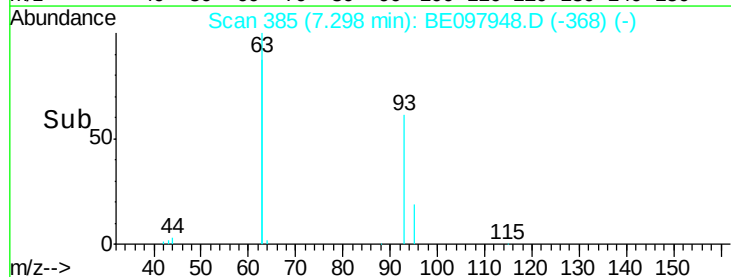
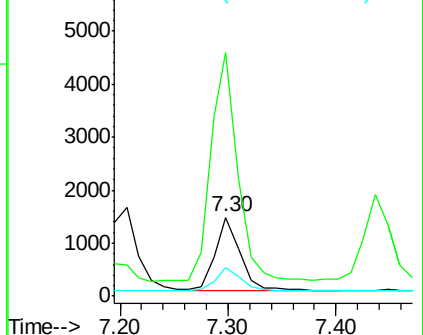
95 32.3 27.8 41.8

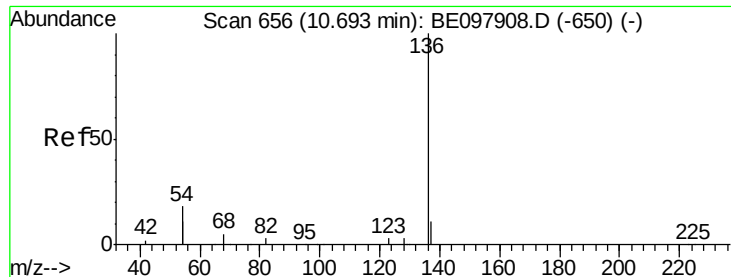


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 7113

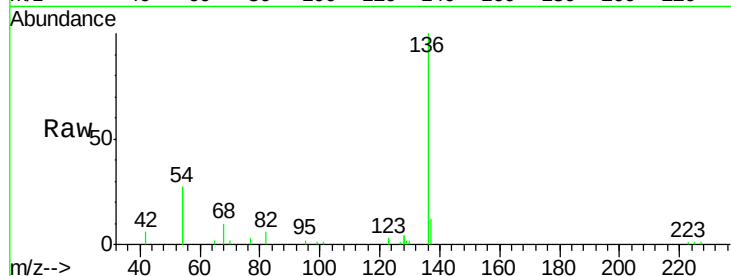
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 54.8 27.7 41.5#

68 10.0 5.3 7.9#

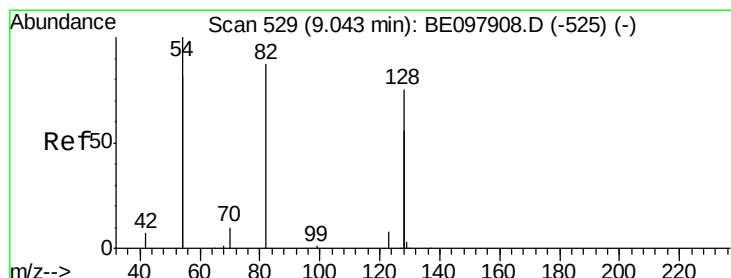
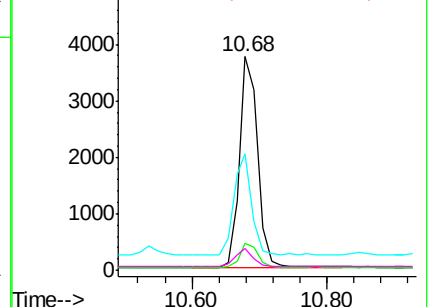
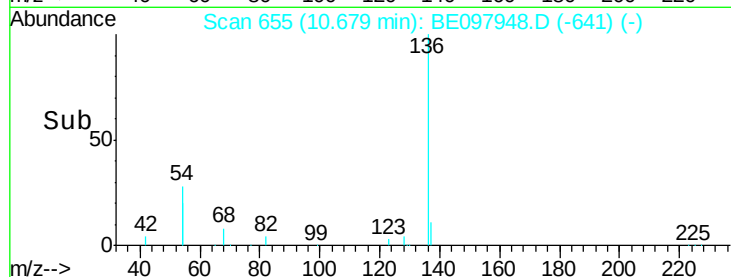


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.352 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

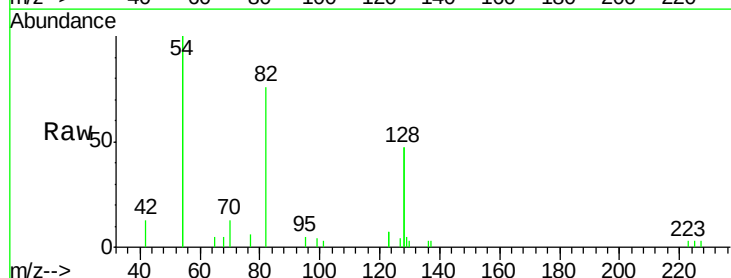
Tgt Ion: 82 Resp: 2369

Ion Ratio Lower Upper

82 100

128 124.0 129.9 194.9#

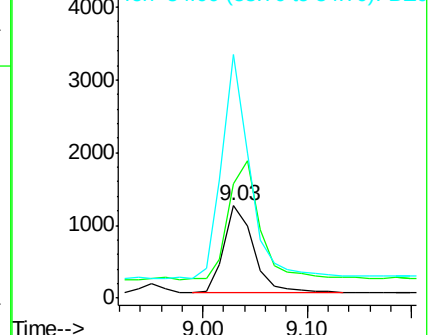
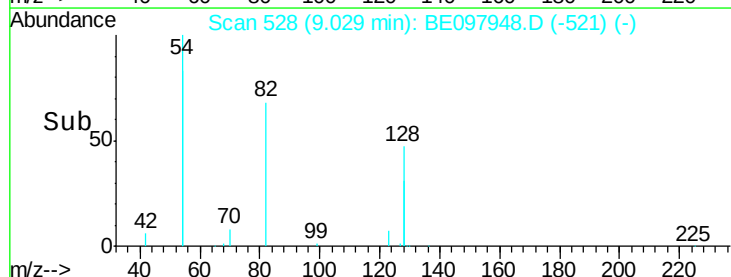
54 264.0 174.0 261.0#

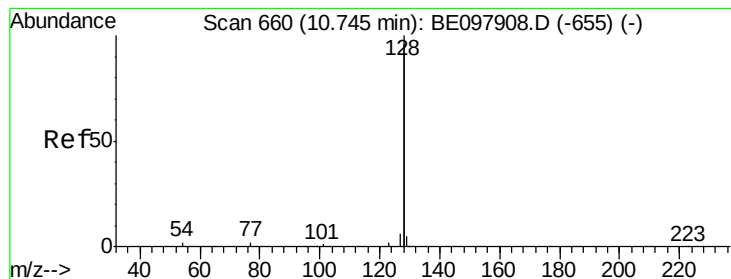


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.377 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

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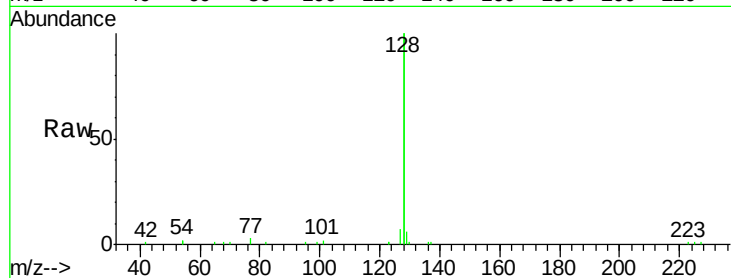
Tgt Ion:128 Resp: 26667

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

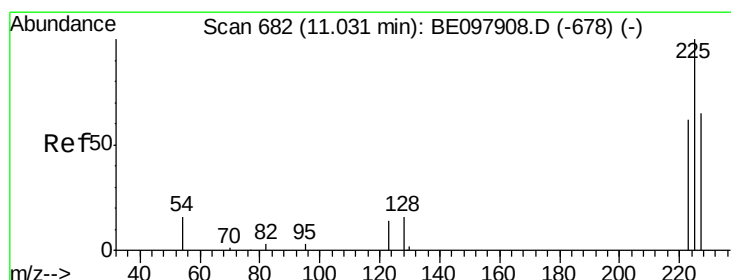
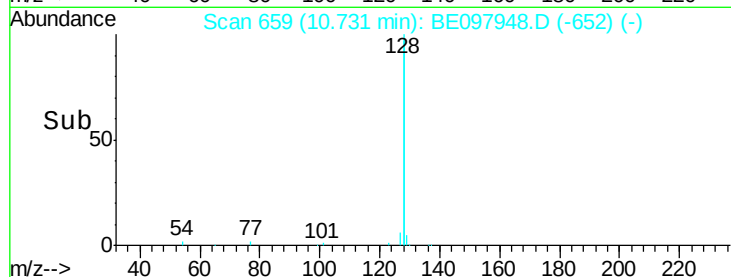
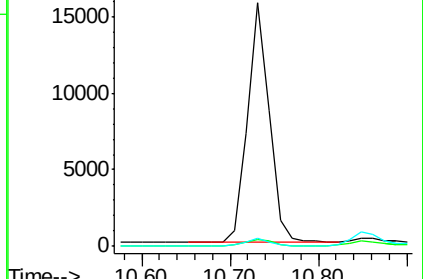
127 3.5 2.8 4.2



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: 0.373 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

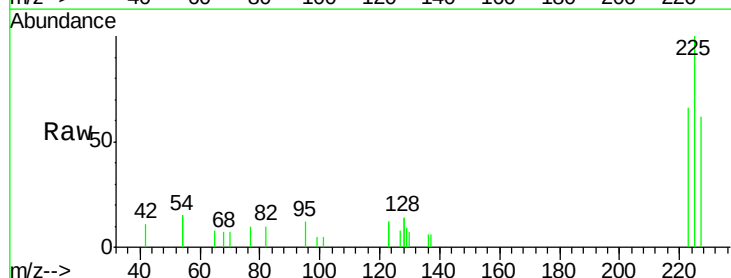
Tgt Ion:225 Resp: 1425

Ion Ratio Lower Upper

225 100

223 65.5 51.8 77.8

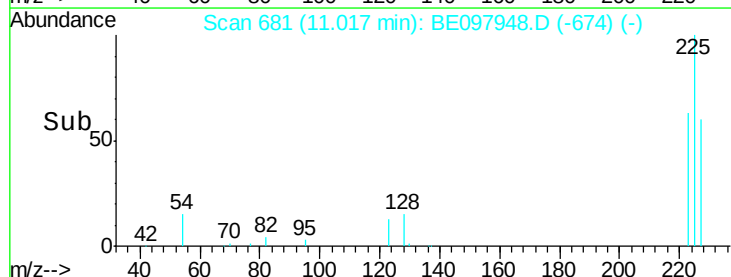
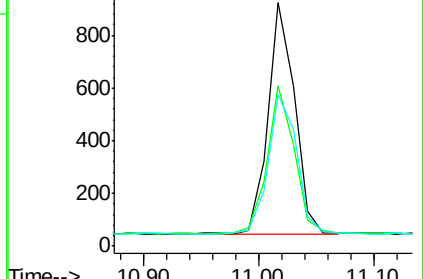
227 66.0 53.0 79.6

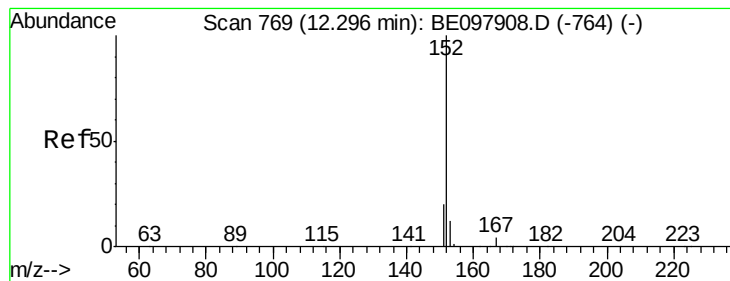


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

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ClientSampleId :

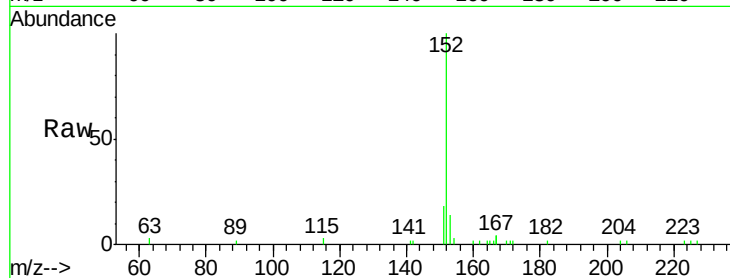
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4382

Ion Ratio Lower Upper

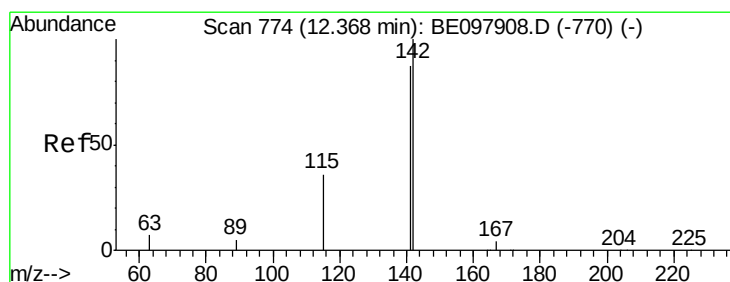
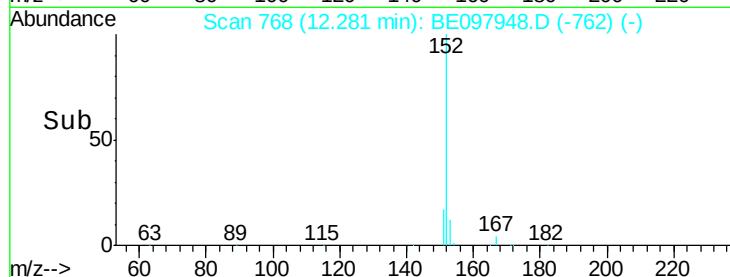
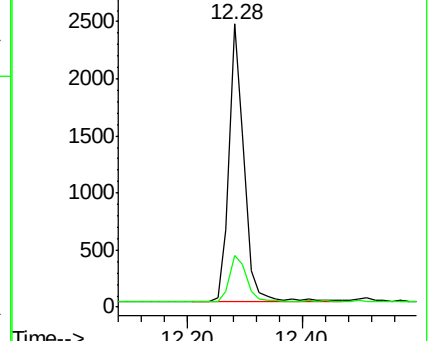
152 100

151 19.1 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: 0.355 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

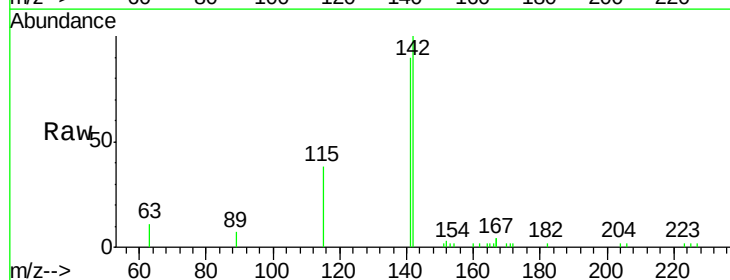
Tgt Ion:142 Resp: 4308

Ion Ratio Lower Upper

142 100

141 89.9 69.8 104.6

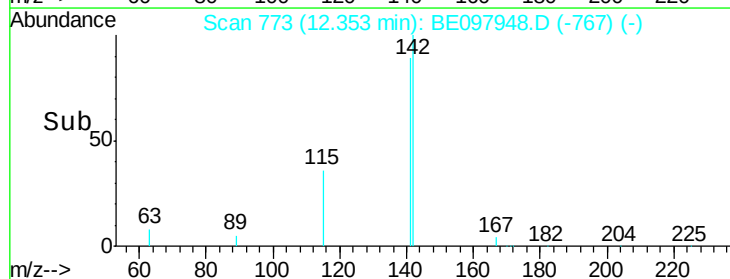
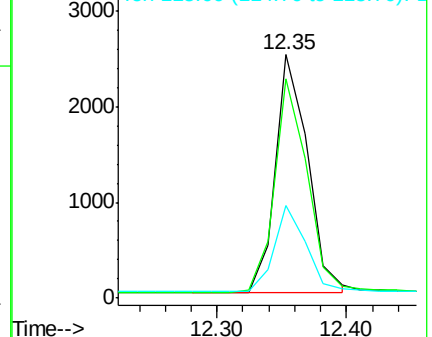
115 38.1 30.5 45.7

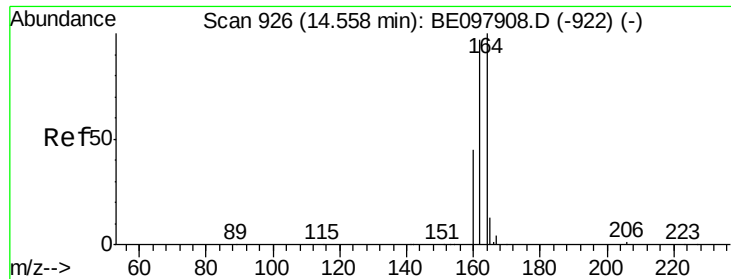


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

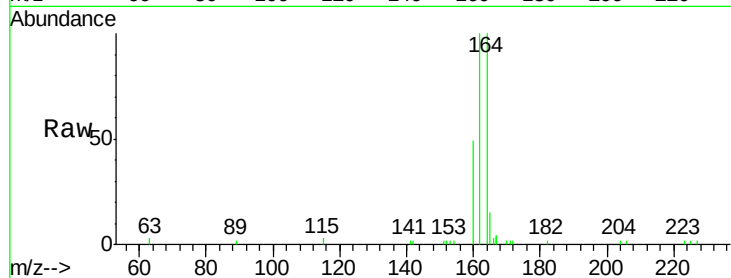




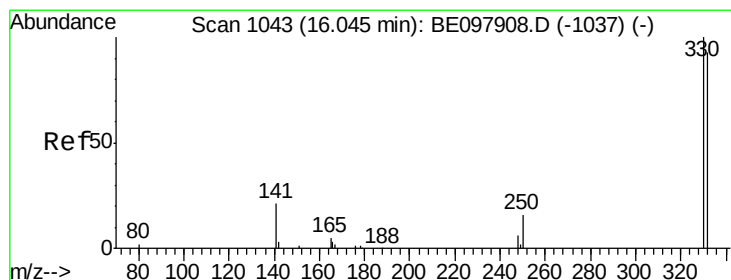
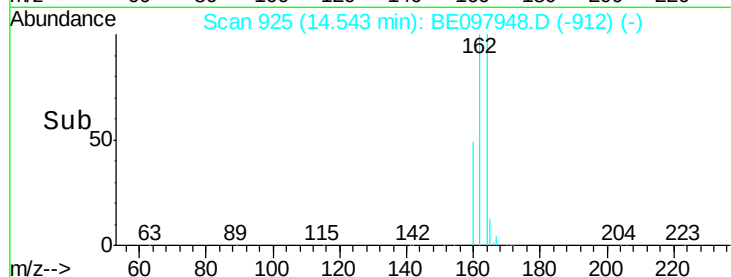
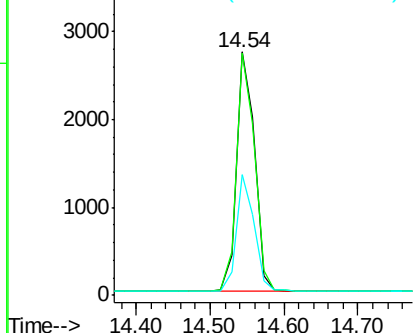
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097948.D
 Acq: 17 Oct 2018 15:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 4632
 Ion Ratio Lower Upper
 164 100
 162 99.6 77.4 116.2
 160 49.4 36.5 54.7

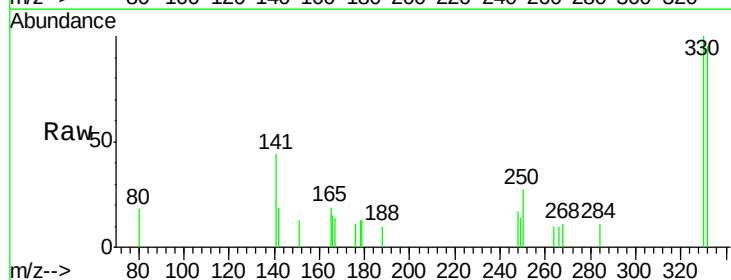


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

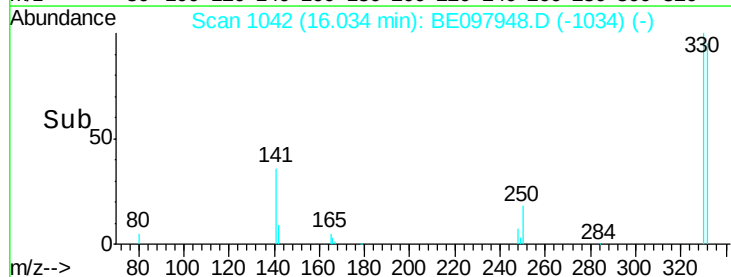
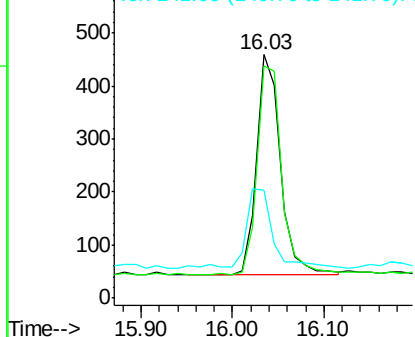


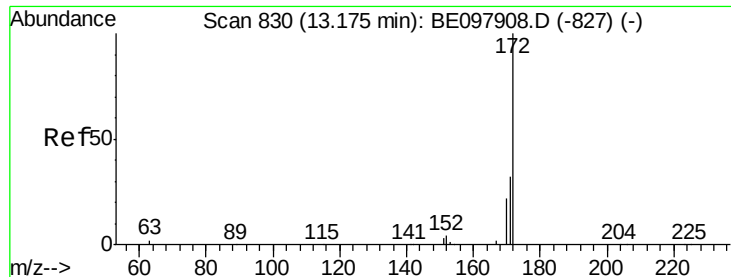
#14
 2,4,6-Tribromophenol
 Concen: 0.305 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097948.D
 Acq: 17 Oct 2018 15:49

Tgt Ion:330 Resp: 760
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.5 114.7
 141 38.9 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

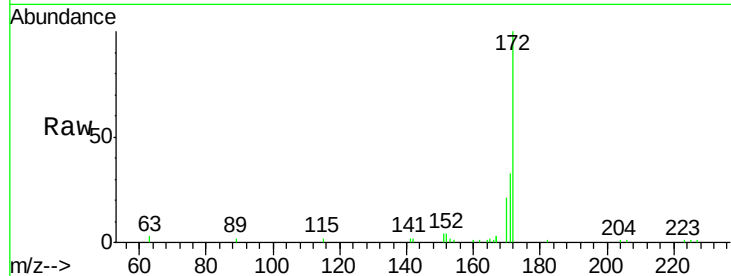




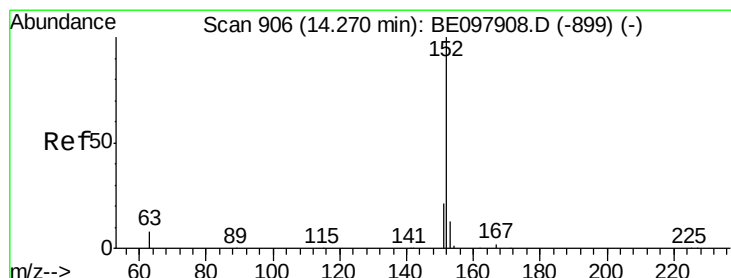
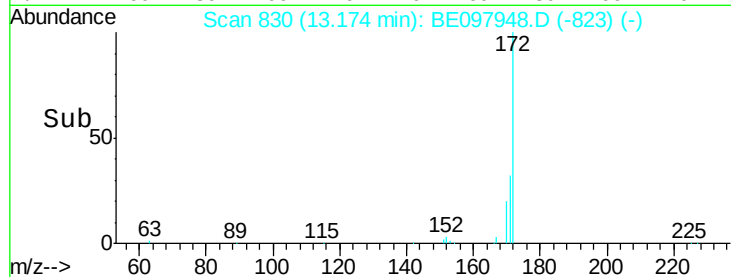
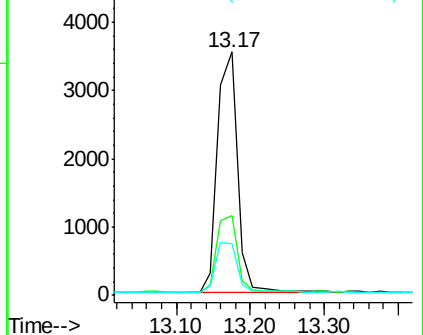
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6596
Ion Ratio Lower Upper
172 100
171 32.8 26.0 39.0
170 21.3 18.0 27.0

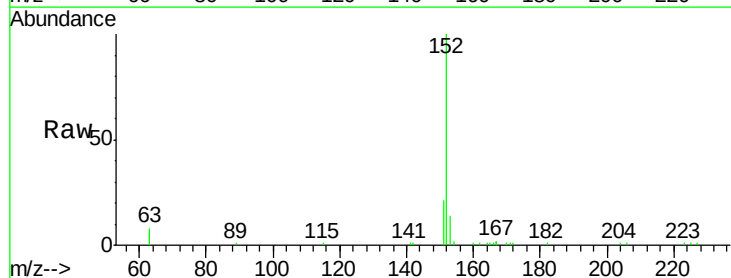


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

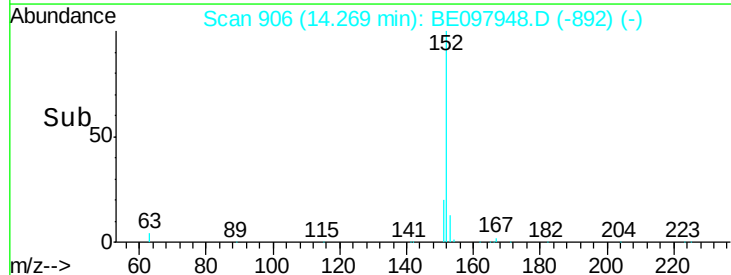
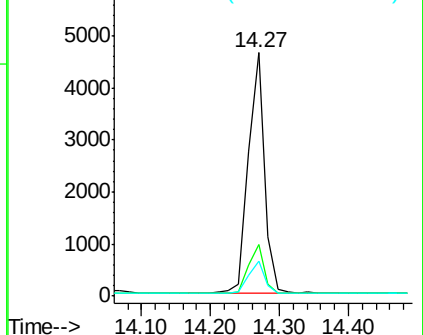


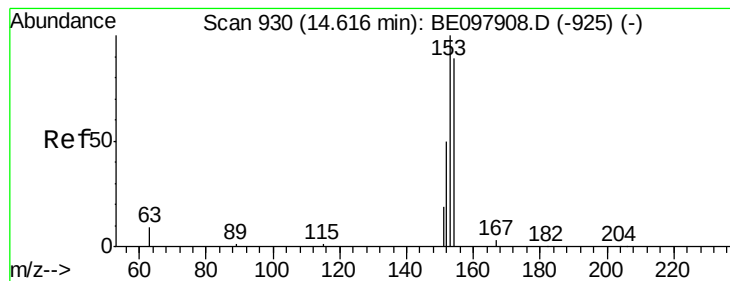
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097948.D
Acq: 17 Oct 2018 15:49

Tgt Ion:152 Resp: 7689
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 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: 0.365 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

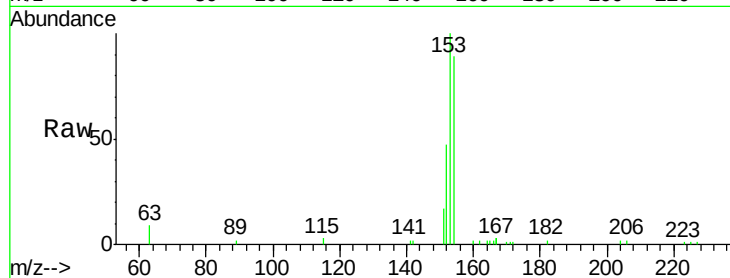
Tgt Ion:154 Resp: 4774

Ion Ratio Lower Upper

154 100

153 114.3 92.6 139.0

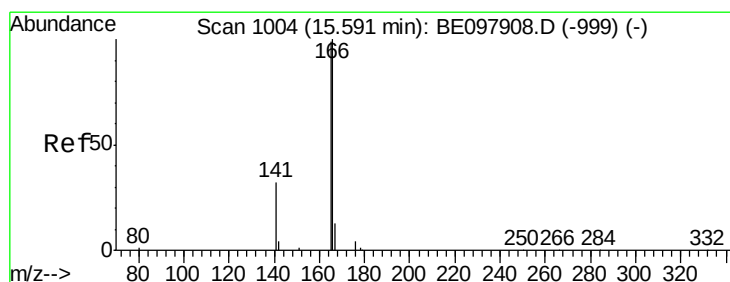
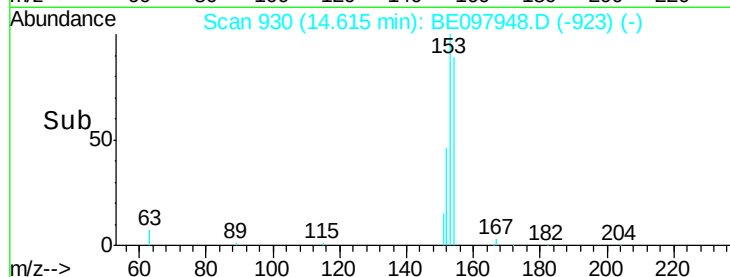
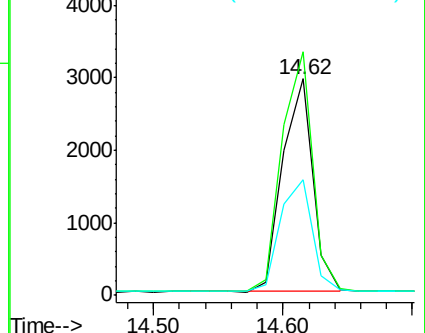
152 55.4 45.5 68.3



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: 0.366 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

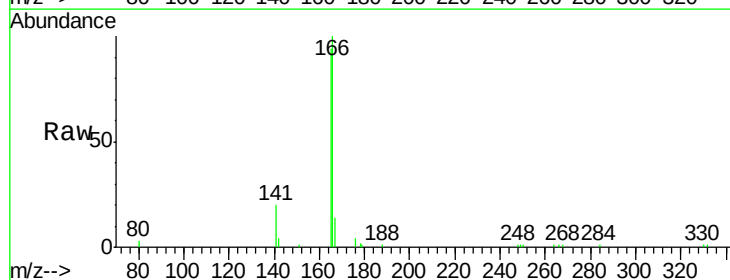
Tgt Ion:166 Resp: 6582

Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.4

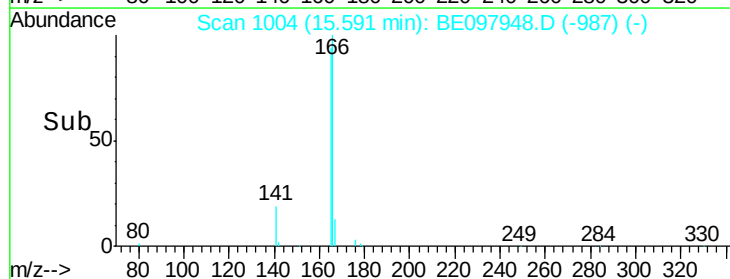
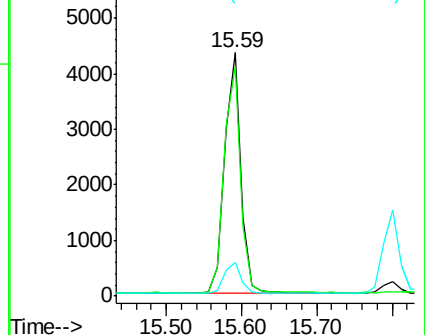
167 13.9 11.0 16.6

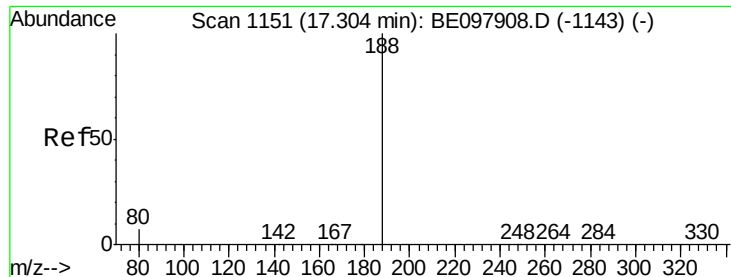


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

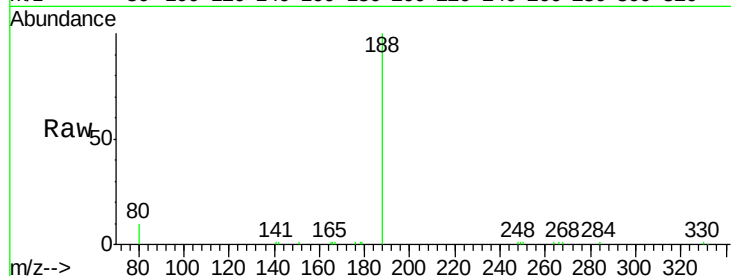
Tgt Ion:188 Resp: 13163

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

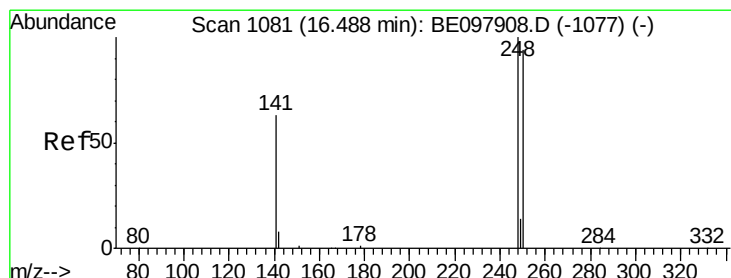
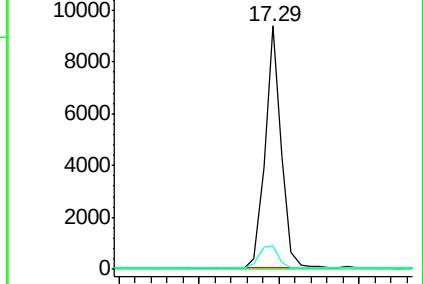
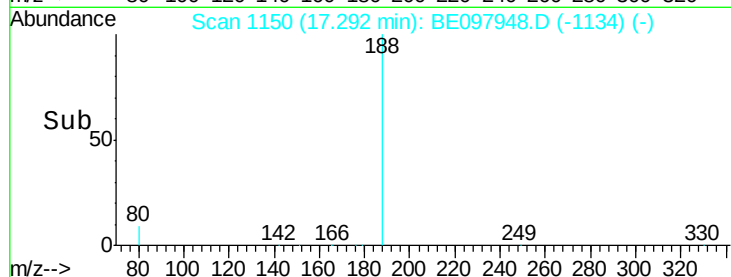
80 9.7 6.3 9.5#



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: 0.346 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

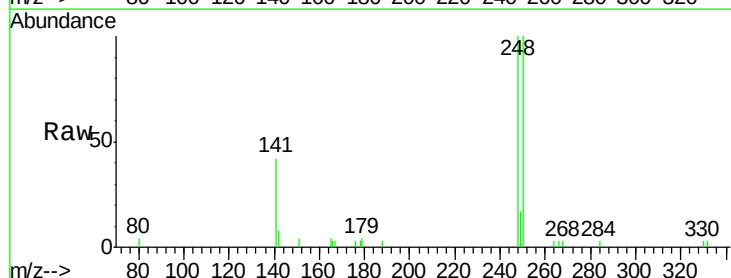
Tgt Ion:248 Resp: 2486

Ion Ratio Lower Upper

248 100

250 100.1 75.1 112.7

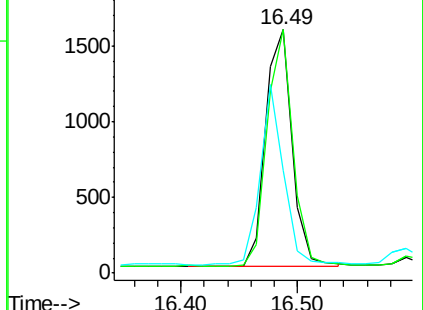
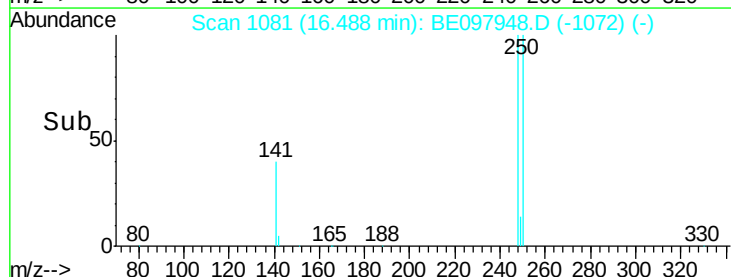
141 42.3 51.8 77.8#

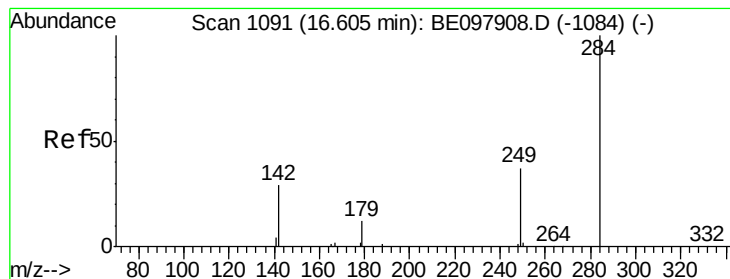


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.353 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

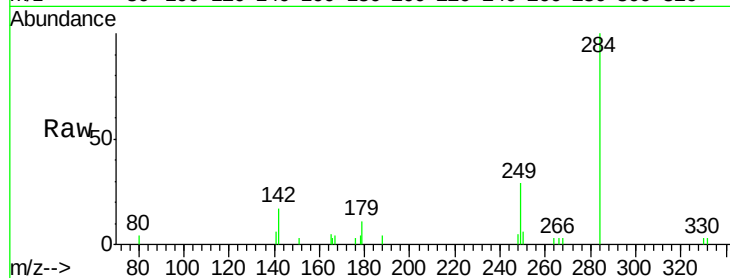
Tgt Ion:284 Resp: 2495

Ion Ratio Lower Upper

284 100

142 32.6 25.9 38.9

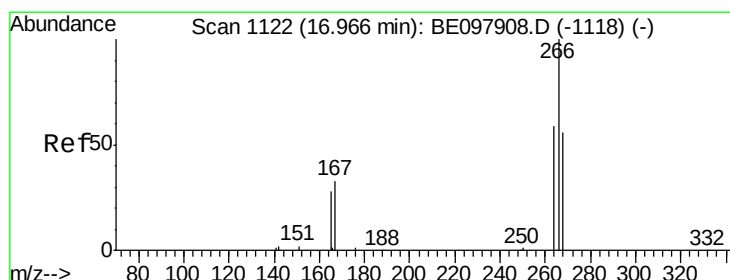
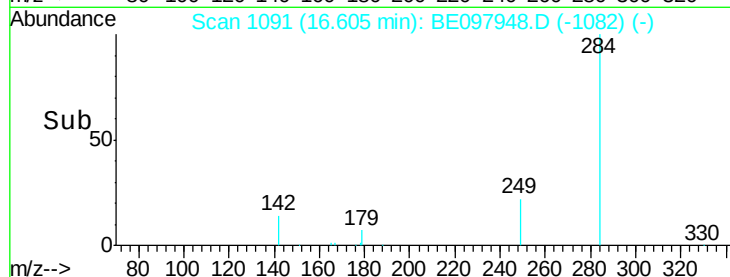
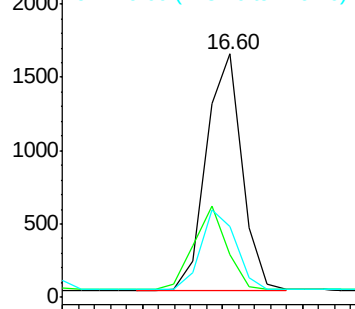
249 33.2 26.6 40.0



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: 0.325 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

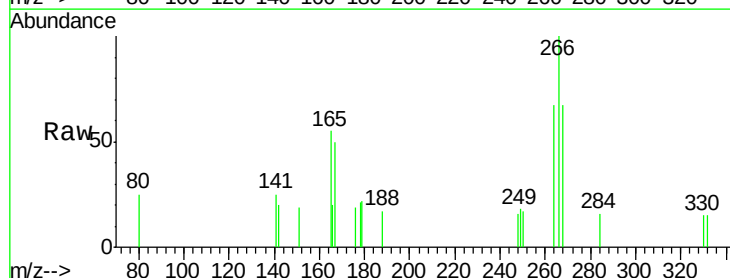
Tgt Ion:266 Resp: 534

Ion Ratio Lower Upper

266 100

264 66.8 51.3 76.9

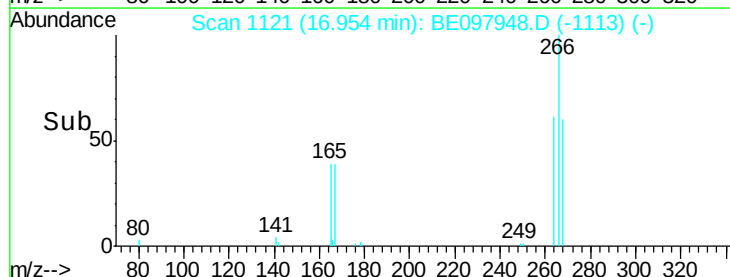
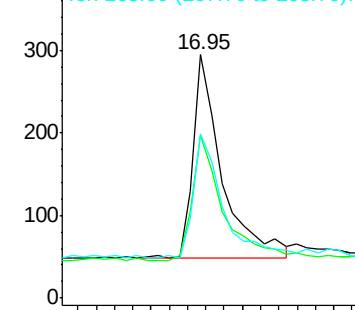
268 67.5 50.1 75.1

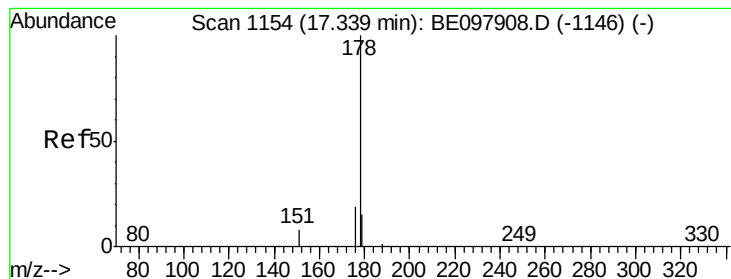


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

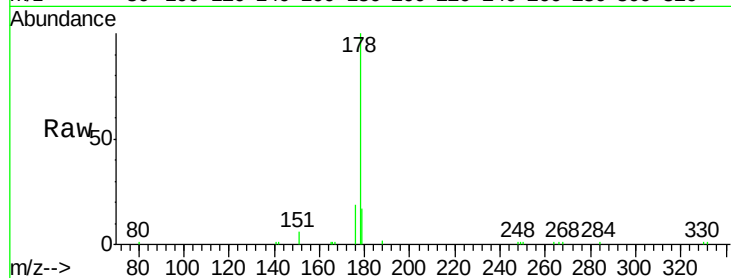
Tgt Ion:178 Resp: 11933

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

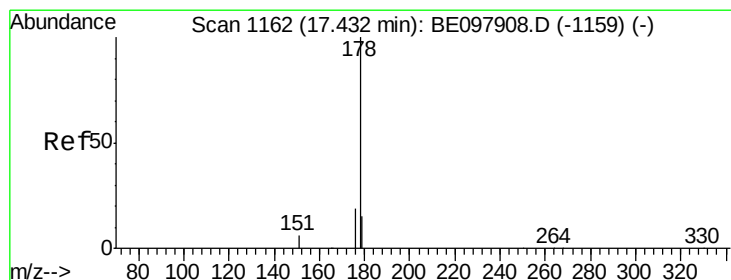
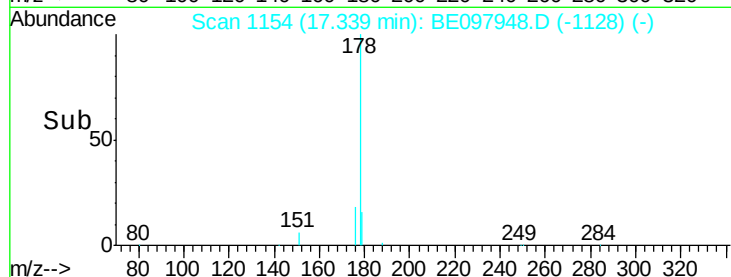
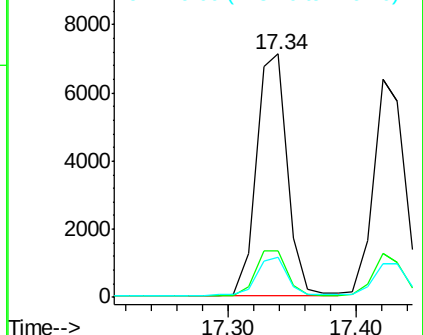
179 15.6 12.2 18.4



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: 0.341 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

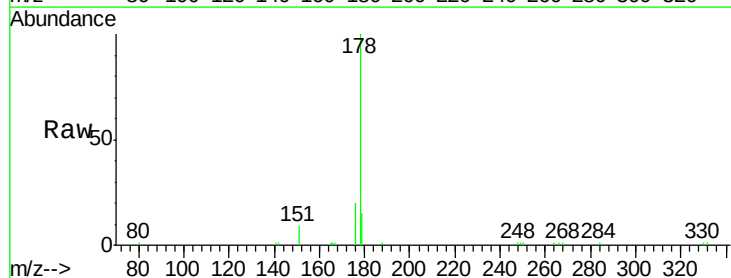
Tgt Ion:178 Resp: 10771

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

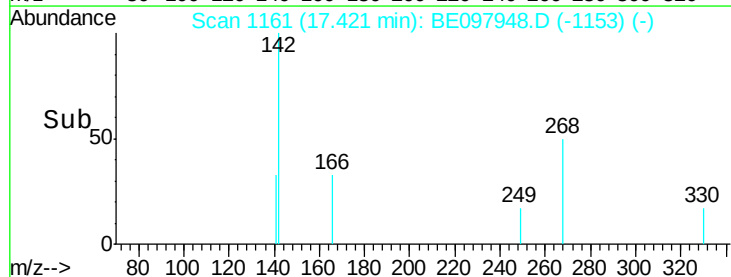
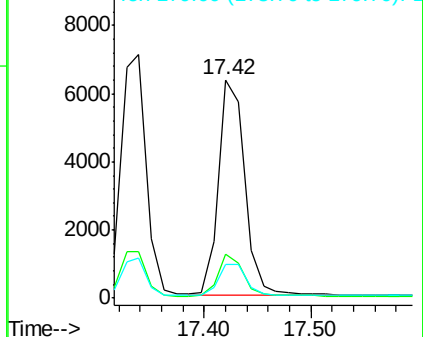
179 15.5 11.9 17.9

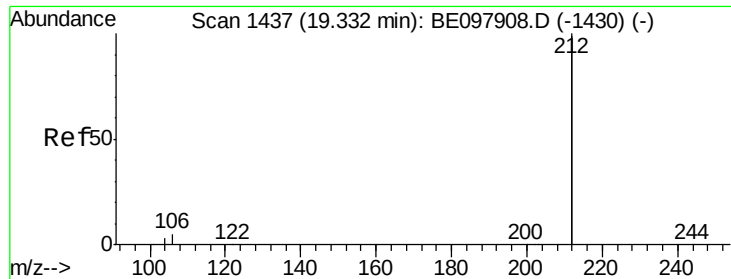


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

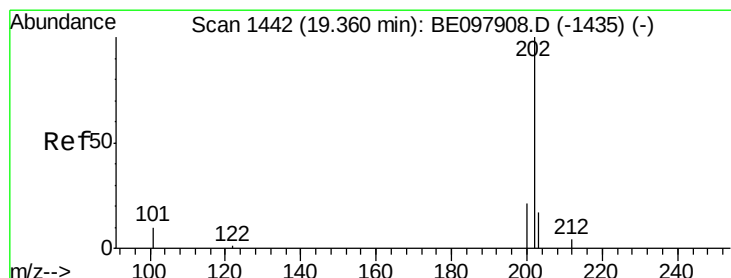
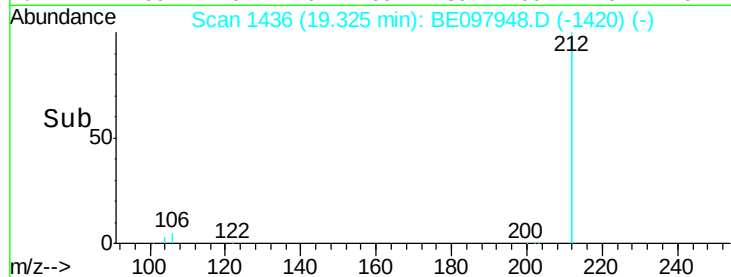
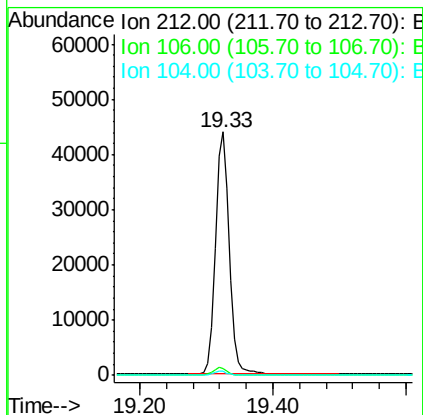
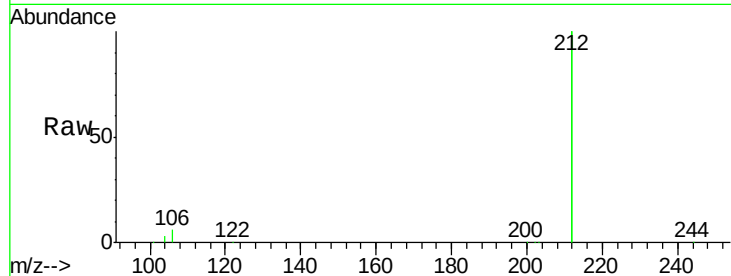
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	62706
Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.6	1.3	1.9



#26

Fluoranthene

Concen: 0.354 ng

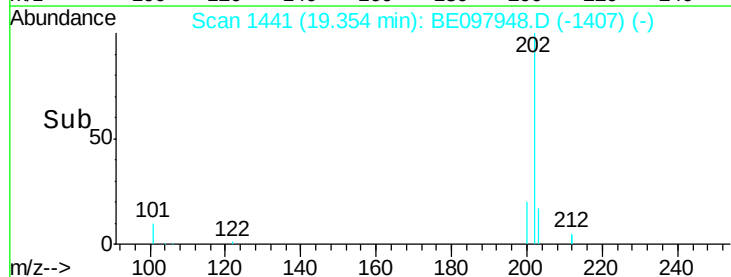
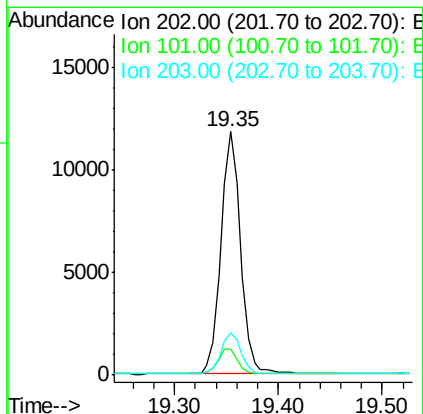
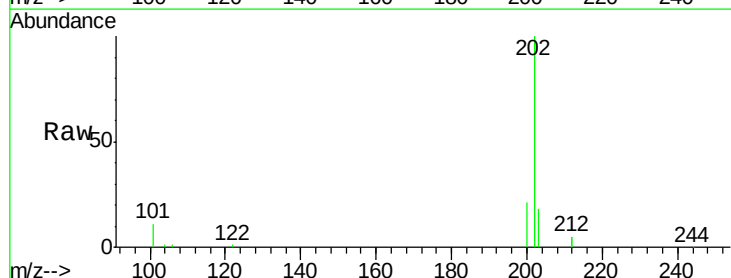
RT: 19.35 min Scan# 1441

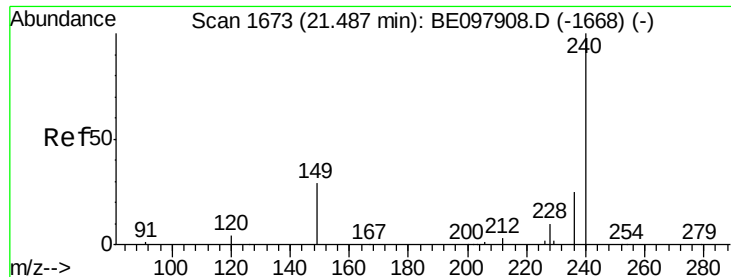
Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Tgt Ion:	202	Resp:	15555
Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
203	17.1	15.0	22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

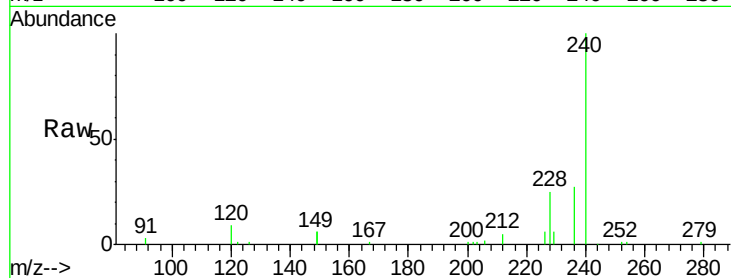
Tgt Ion:240 Resp: 17501

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

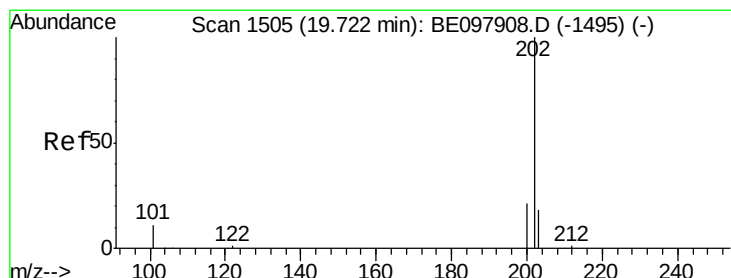
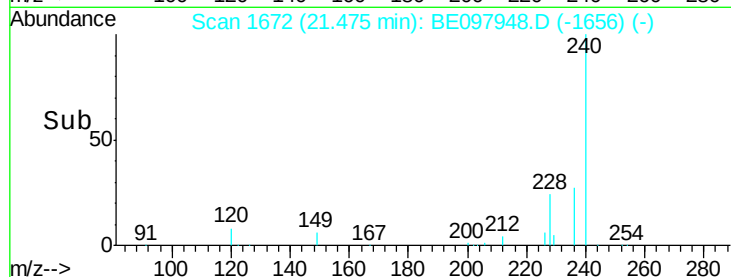
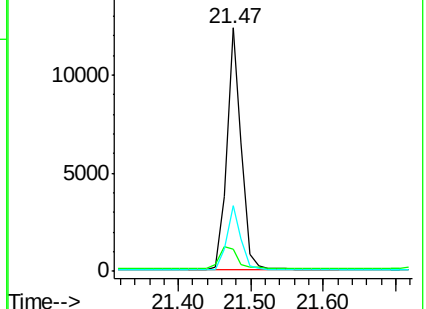
236 27.0 21.3 31.9



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: 0.348 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

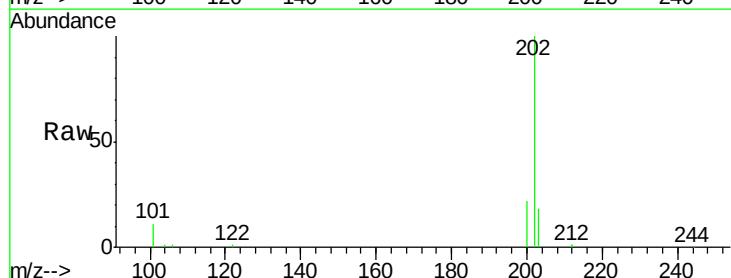
Tgt Ion:202 Resp: 17589

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

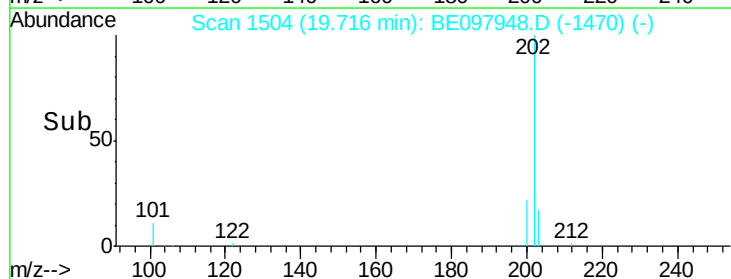
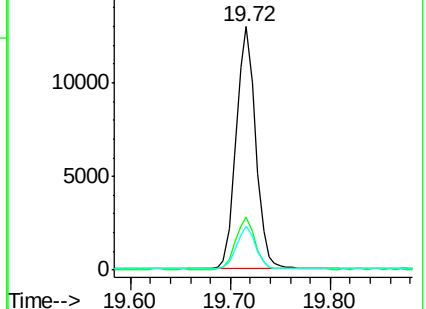
203 17.3 14.2 21.4

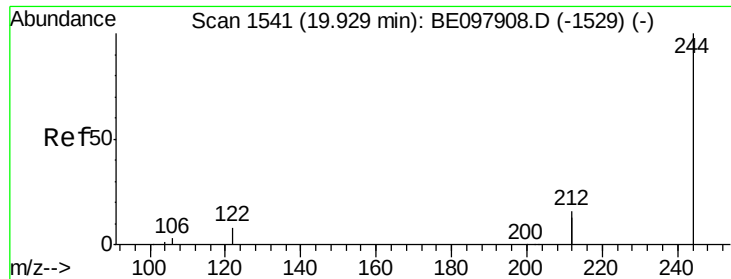


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

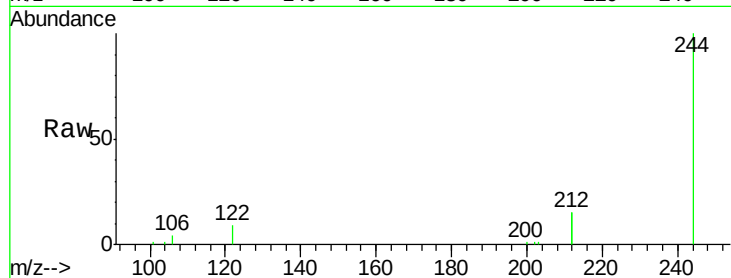
Tgt Ion:244 Resp: 13404

Ion Ratio Lower Upper

244 100

212 30.6 26.2 39.2

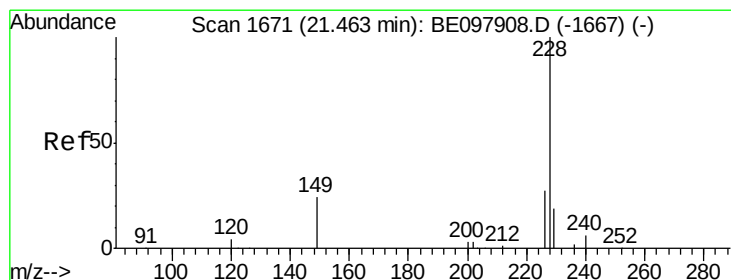
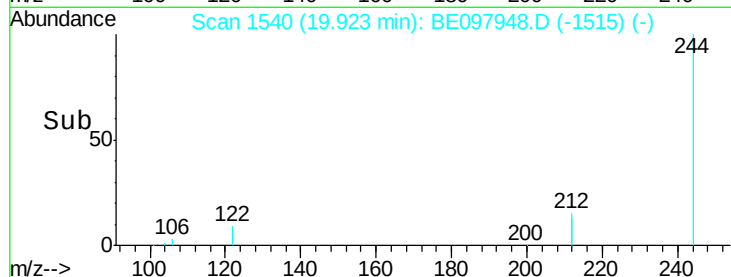
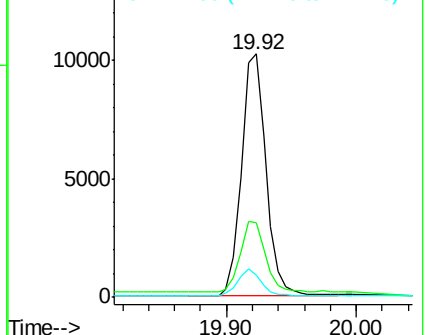
122 9.3 7.7 11.5



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: 0.351 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

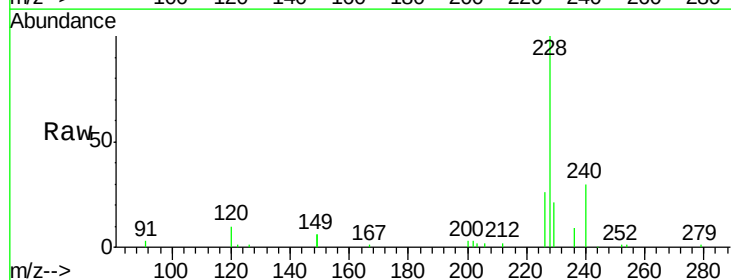
Tgt Ion:228 Resp: 18838

Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

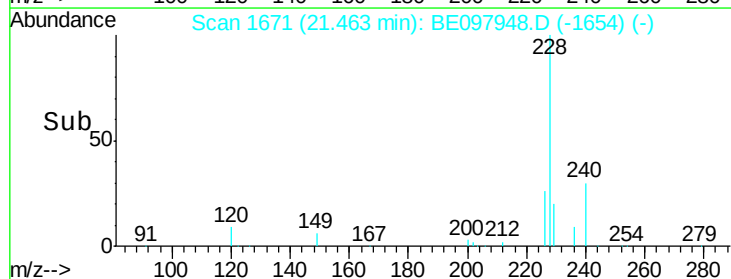
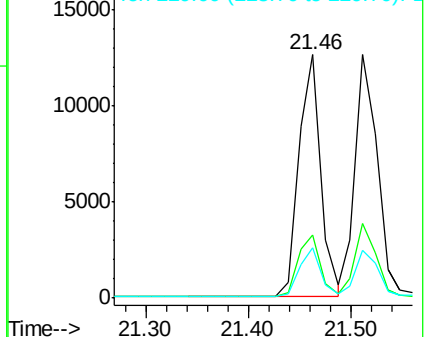
229 20.7 16.9 25.3

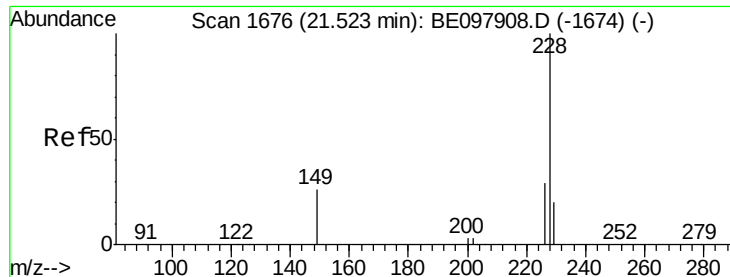


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.367 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

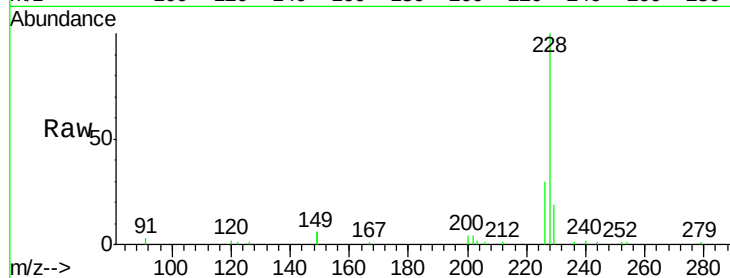
Tgt Ion: 228 Resp: 18682

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

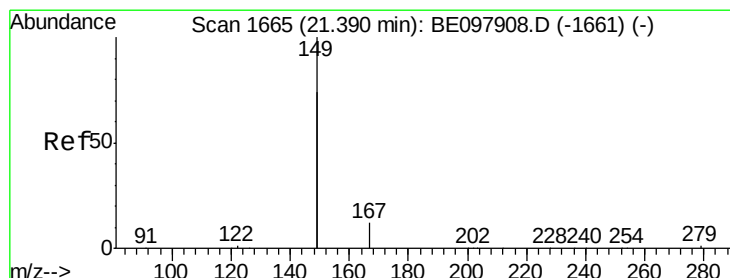
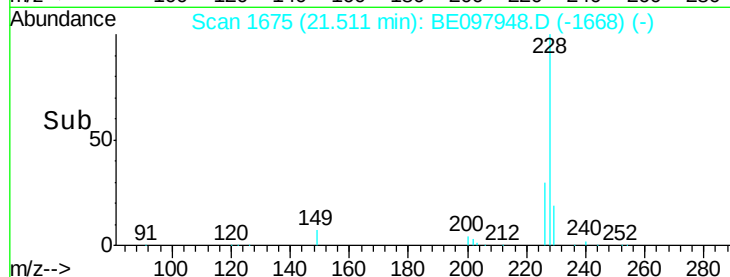
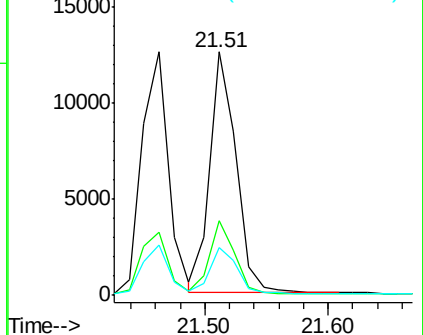
229 19.4 17.3 25.9



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: 0.266 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

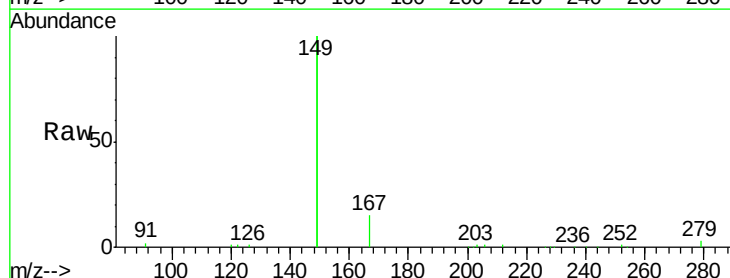
Tgt Ion: 149 Resp: 37934

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

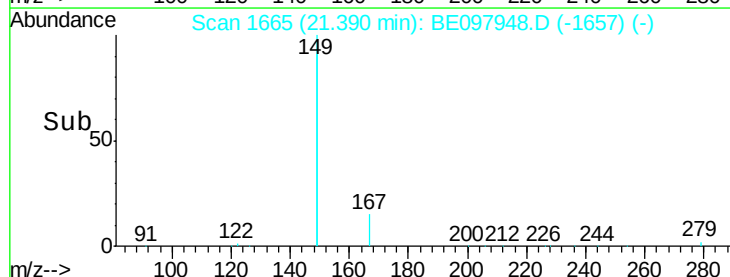
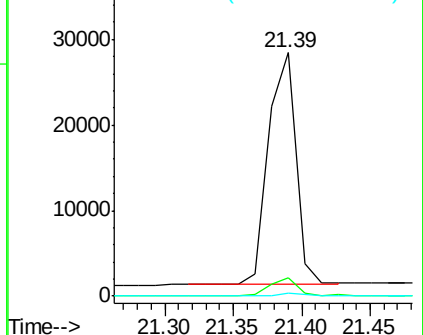
279 1.0 0.9 1.3

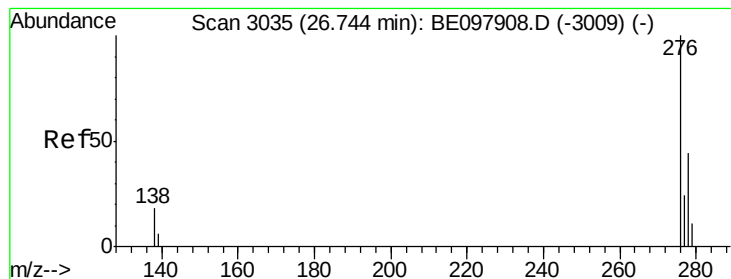


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.318 ng

RT: 26.73 min Scan# 3030

Delta R.T. -0.02 min

Lab File: BE097948.D

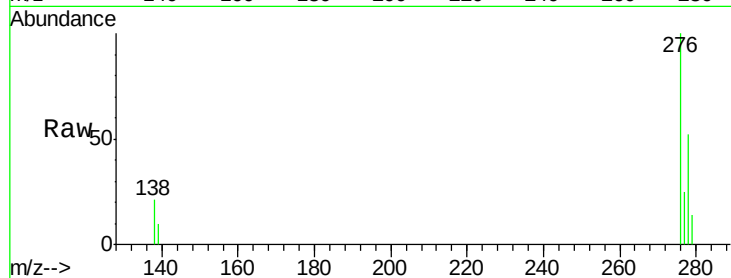
Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



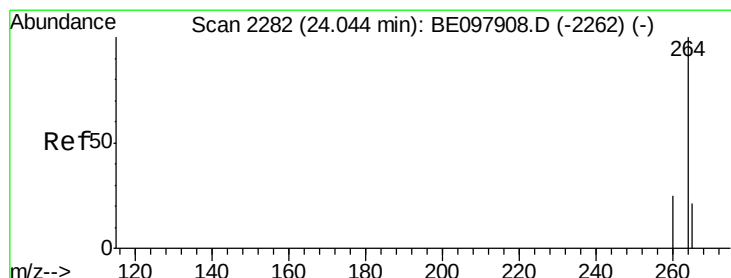
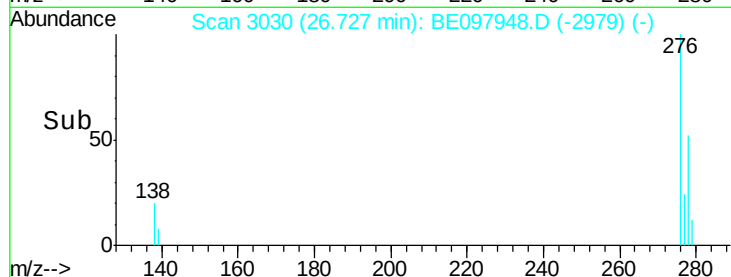
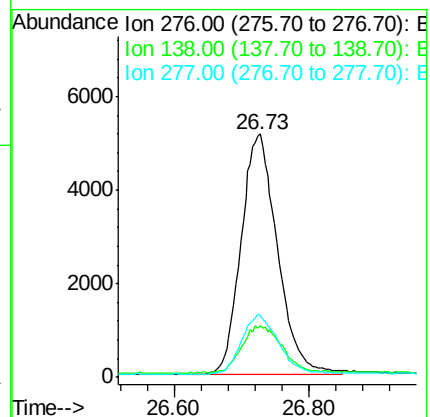
Tgt Ion:276 Resp: 19194

Ion Ratio Lower Upper

276 100

138 21.3 17.0 25.6

277 25.0 20.5 30.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

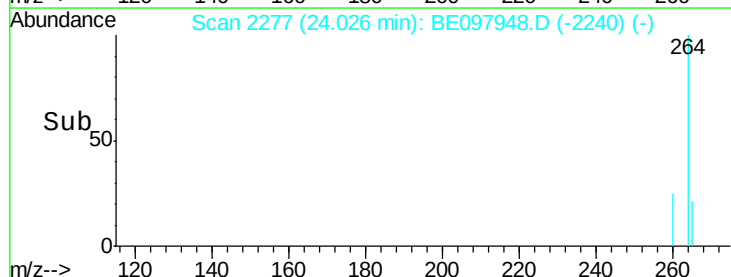
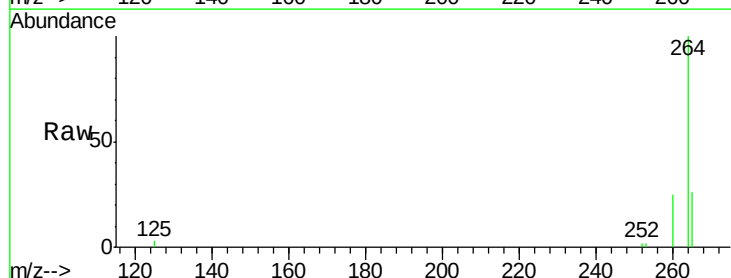
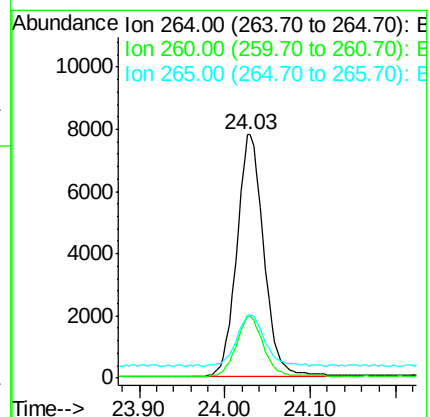
Tgt Ion:264 Resp: 17018

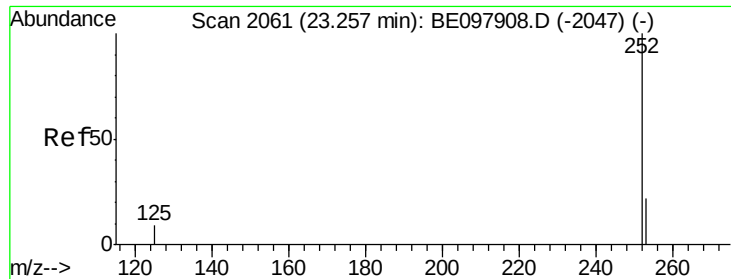
Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

265 26.0 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

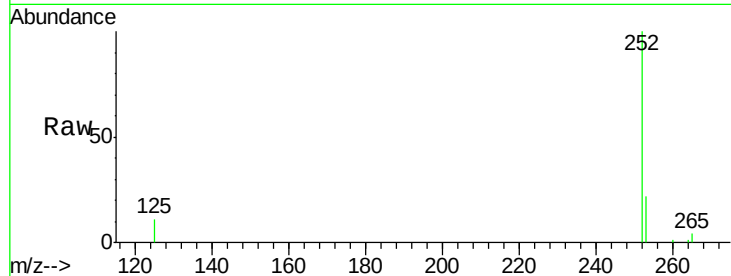
Tgt Ion:252 Resp: 17292

Ion Ratio Lower Upper

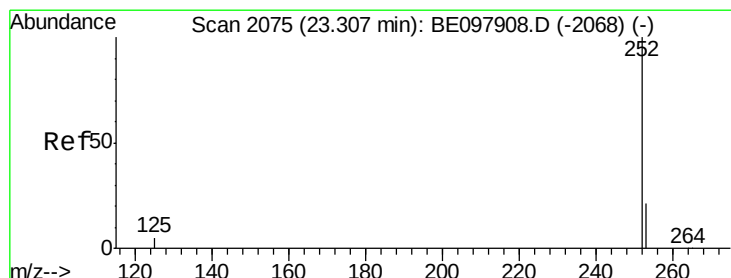
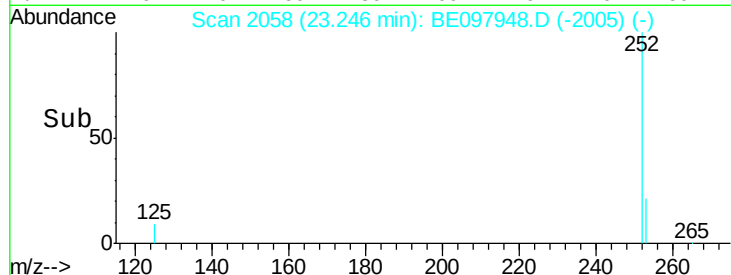
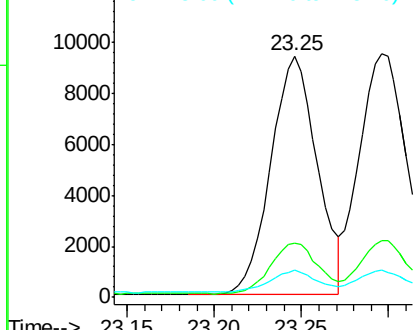
252 100

253 22.3 20.6 31.0

125 11.2 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: 0.358 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

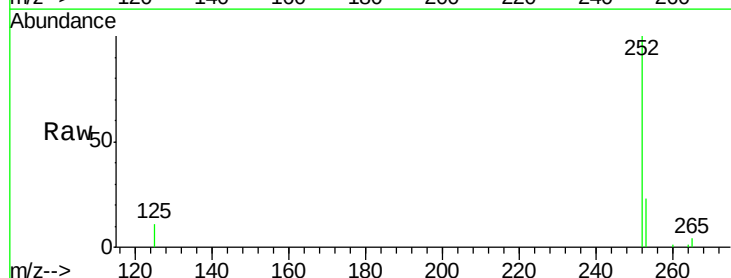
Tgt Ion:252 Resp: 18280

Ion Ratio Lower Upper

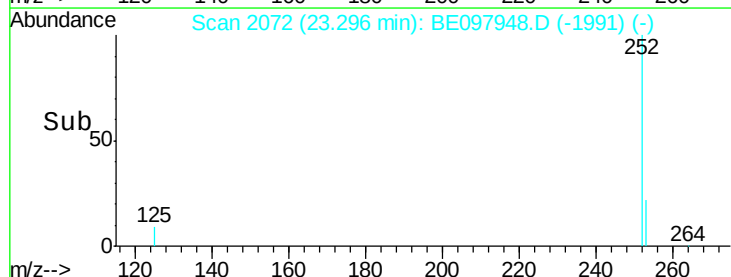
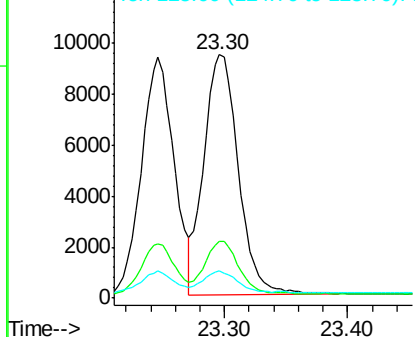
252 100

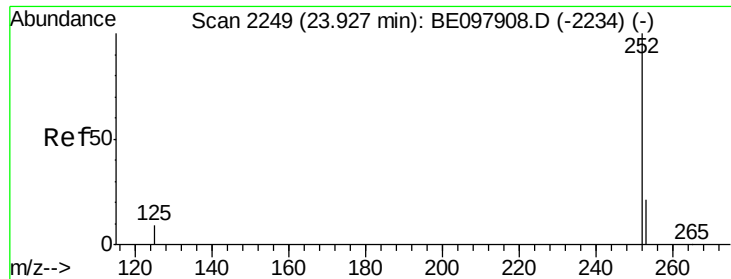
253 23.2 20.4 30.6

125 11.0 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: 0.355 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

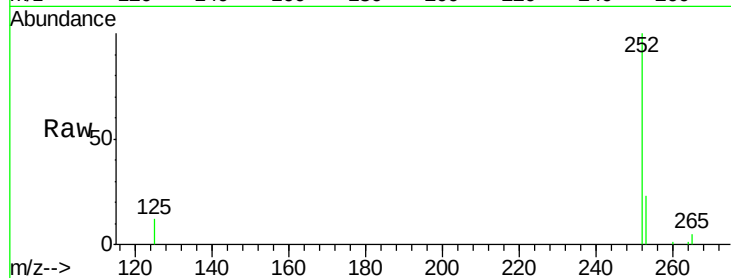
Tgt Ion:252 Resp: 16954

Ion Ratio Lower Upper

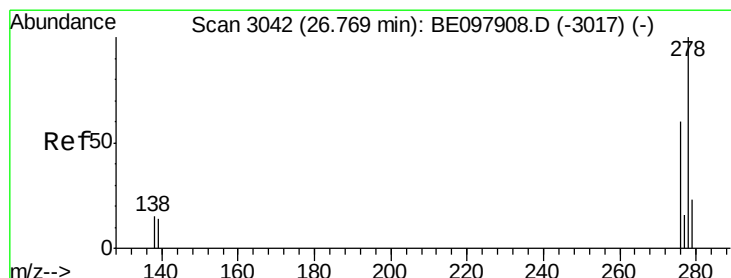
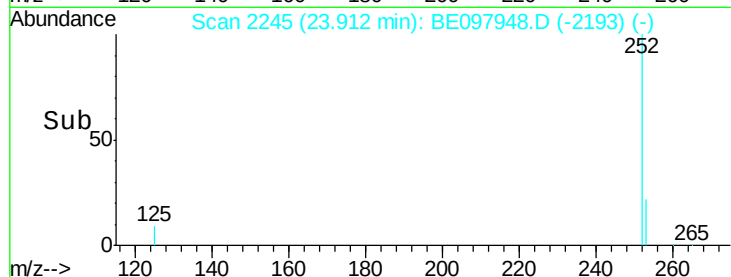
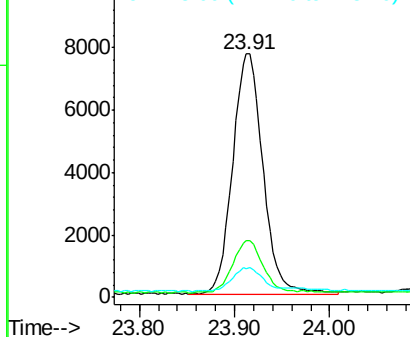
252 100

253 23.4 20.6 31.0

125 11.8 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: 0.344 ng

RT: 26.75 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BE097948.D

Acq: 17 Oct 2018 15:49

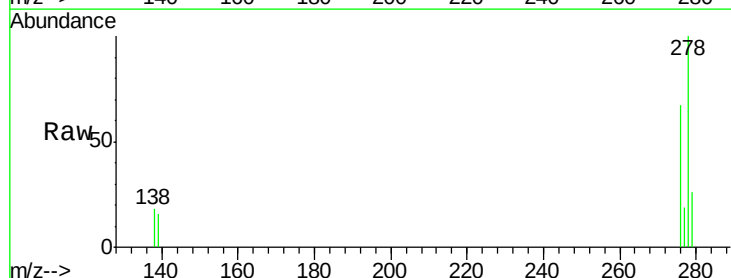
Tgt Ion:278 Resp: 16065

Ion Ratio Lower Upper

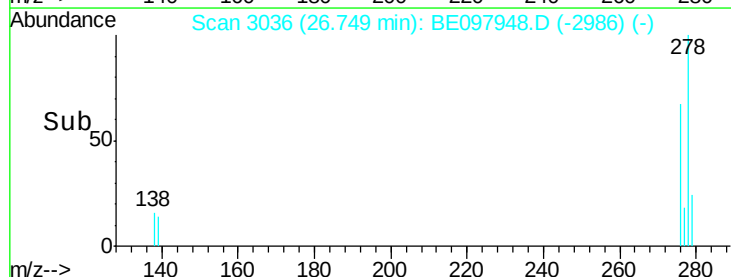
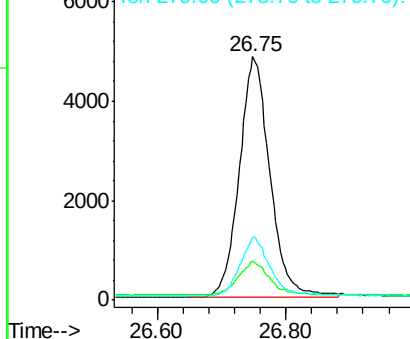
278 100

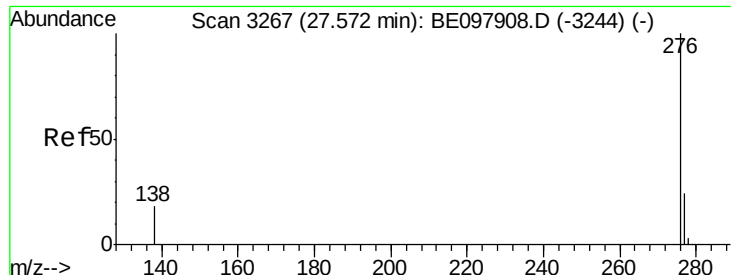
139 16.1 16.3 24.5#

279 25.7 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: 0.340 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

Lab File: BE097948.D

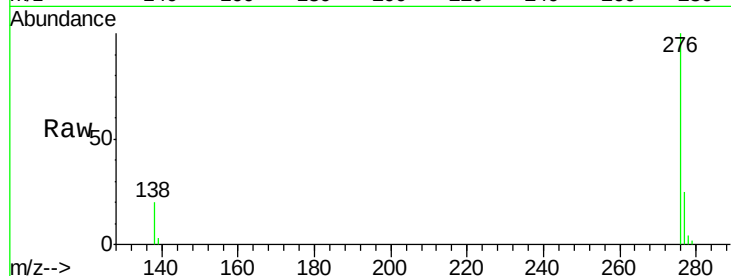
Acq: 17 Oct 2018 15:49

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



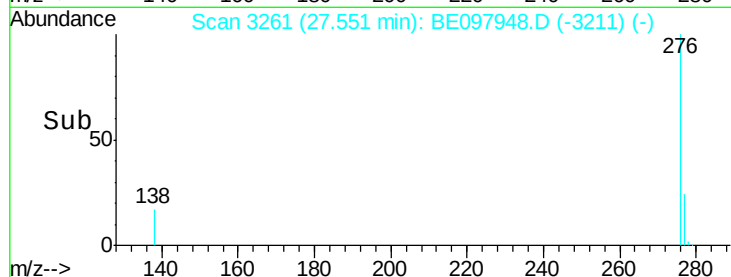
Tgt Ion: 276 Resp: 16298

Ion Ratio Lower Upper

276 100

277 25.1 22.1 33.1

138 19.9 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

