

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097950.D
 Acq On : 17 Oct 2018 17:02
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 18 10:14:15 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	7.88	152	1654	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	7302	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4817	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	13252	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17263	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17015	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1958	0.38	ng	0.00
5) Phenol-d6	7.06	99	2778	0.36	ng	0.00
8) Nitrobenzene-d5	9.03	82	2515	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4434	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	787	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	6918	0.35	ng	0.00
25) Fluoranthene-d10	19.33	212	63269	0.35	ng	0.00
29) Terphenyl-d14	19.92	244	13035	0.33	ng	0.00

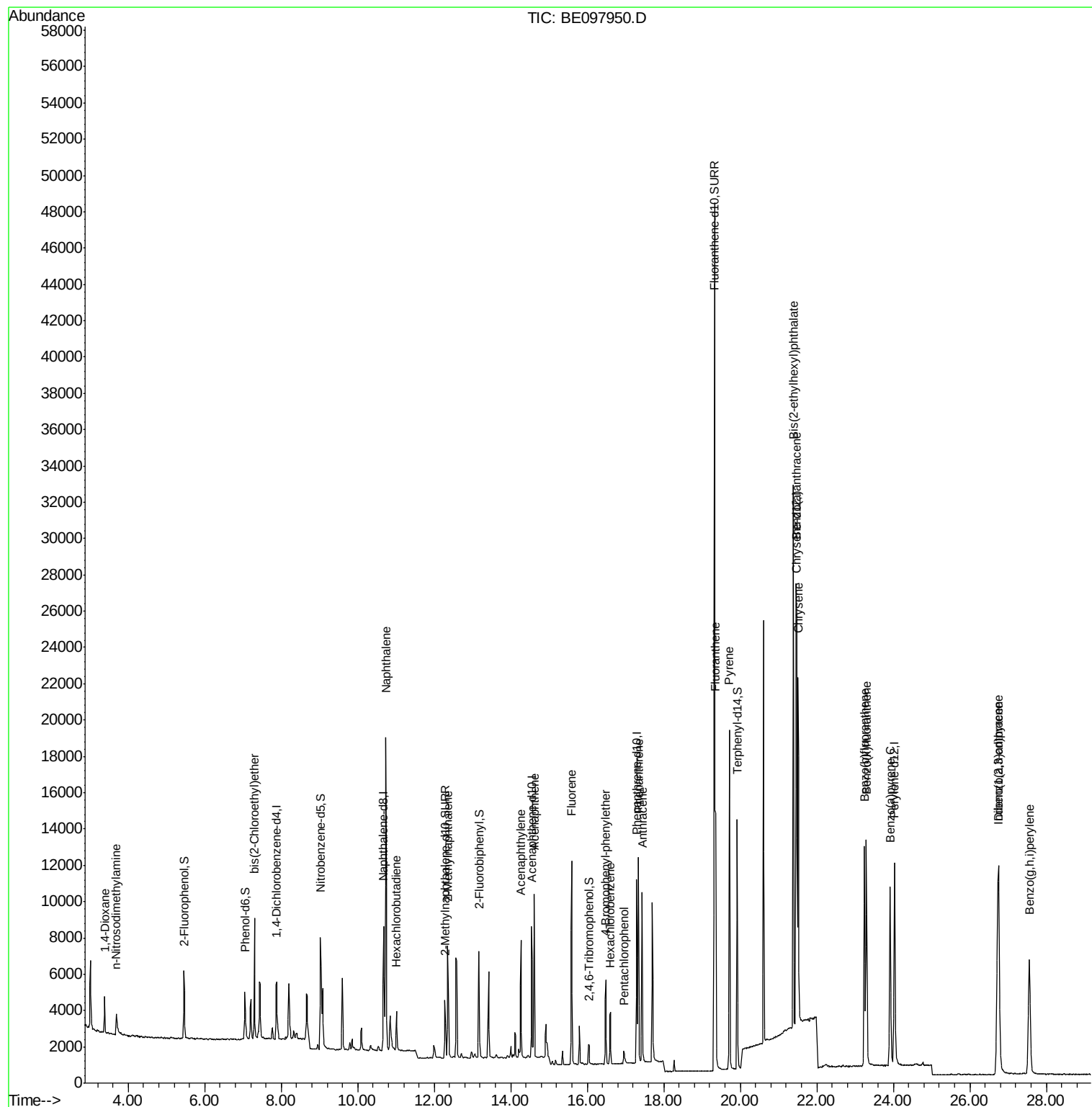
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1193	0.414	ng	94
3) n-Nitrosodimethylamine	3.69	42	1062	0.330	ng	93
6) bis(2-Chloroethyl)ether	7.30	93	2337	0.357	ng	96
9) Naphthalene	10.73	128	27742	0.382	ng	100
10) Hexachlorobutadiene	11.02	225	1476	0.377	ng	98
12) 2-Methylnaphthalene	12.35	142	4532	0.364	ng	97
16) Acenaphthylene	14.27	152	7704	0.346	ng	99
17) Acenaphthene	14.62	154	4910	0.361	ng	99
18) Fluorene	15.59	166	6723	0.359	ng	98
20) 4-Bromophenyl-phenylether	16.49	248	2536	0.350	ng	# 87
21) Hexachlorobenzene	16.60	284	2565	0.360	ng	100
22) Pentachlorophenol	16.95	266	580	0.346	ng	94
23) Phenanthrene	17.34	178	12195	0.362	ng	99
24) Anthracene	17.43	178	10948	0.344	ng	99
26) Fluoranthene	19.35	202	15826	0.358	ng	98
28) Pyrene	19.72	202	17074	0.343	ng	99
30) Benzo(a)anthracene	21.46	228	18428	0.348	ng	98
31) Chrysene	21.51	228	18572	0.370	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	36604	0.257	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	19403	0.330	ng	99
35) Benzo(b)fluoranthene	23.25	252	17420	0.356	ng	# 90
36) Benzo(k)fluoranthene	23.30	252	18164	0.356	ng	# 90
37) Benzo(a)pyrene	23.91	252	16854	0.353	ng	# 89
38) Dibenzo(a,h)anthracene	26.75	278	15976	0.342	ng	# 94
39) Benzo(g,h,i)perylene	27.56	276	16380	0.342	ng	94

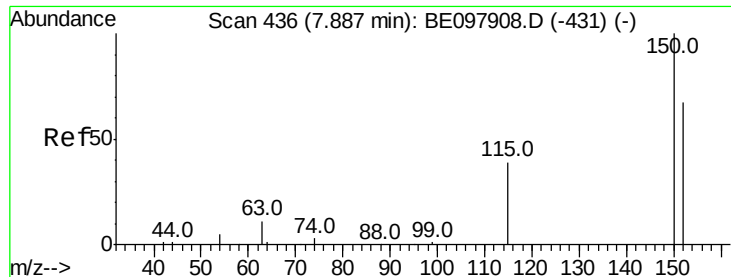
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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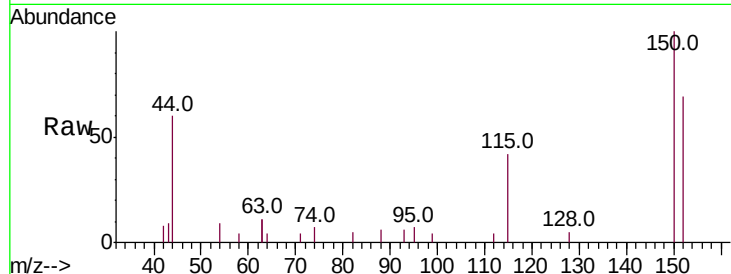




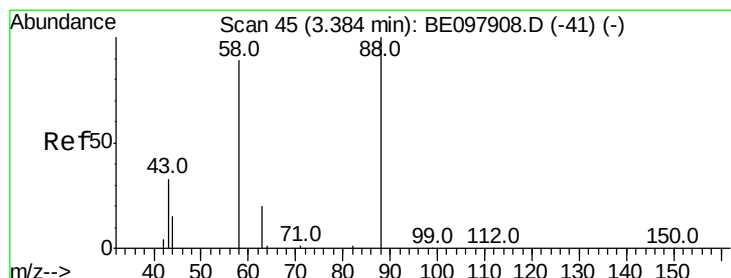
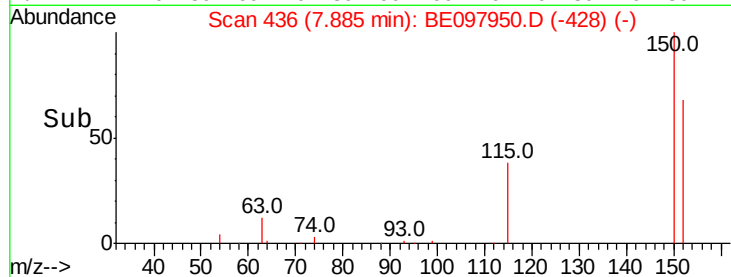
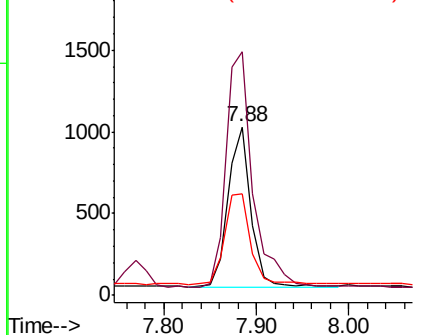
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 1654
 Ion Ratio Lower Upper
 152 100
 150 144.6 118.2 177.4
 115 60.5 50.9 76.3

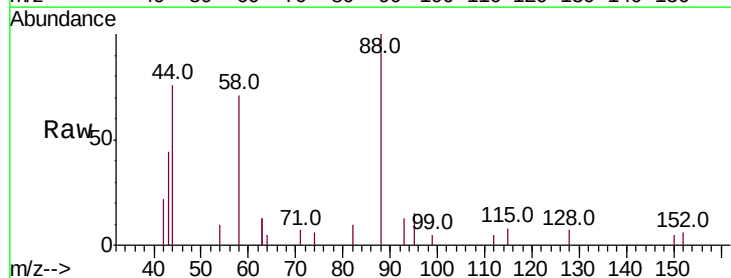


Abundance Ion 152.00 (151.70 to 152.70): E
 2000 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

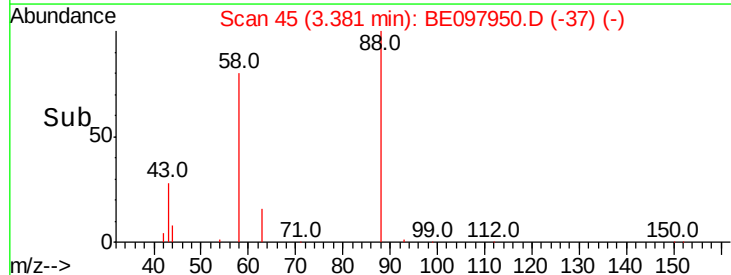
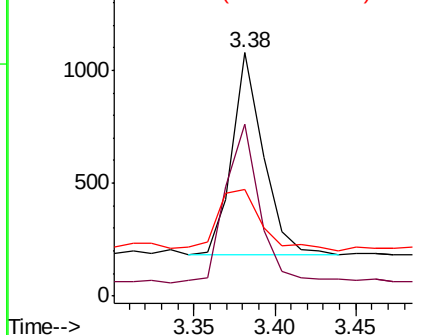


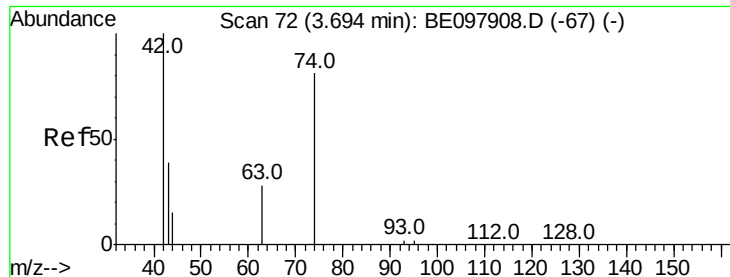
#2
 1,4-Dioxane
 Concen: 0.414 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Tgt Ion: 88 Resp: 1193
 Ion Ratio Lower Upper
 88 100
 58 85.9 73.2 109.8
 43 42.7 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



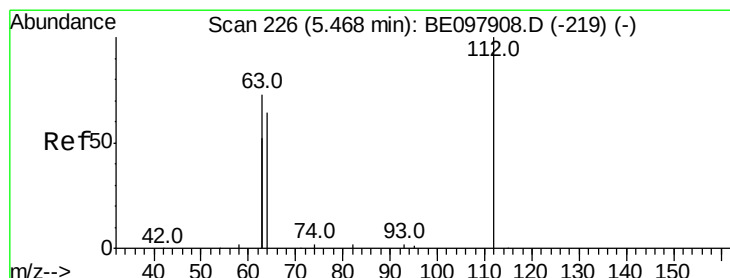
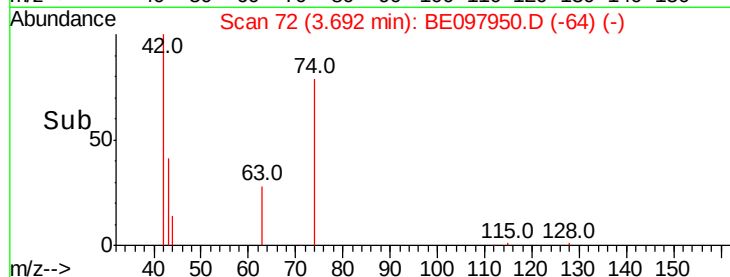
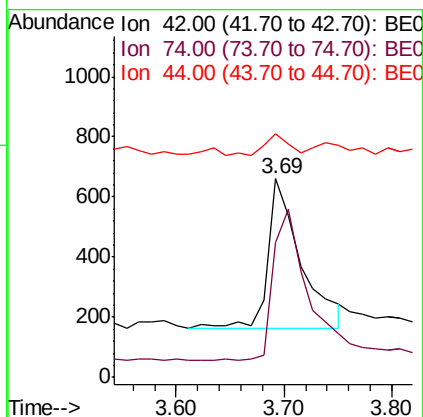
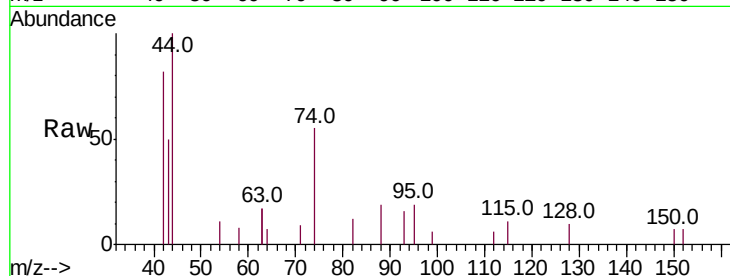


#3

n-Nitrosodimethylamine
 Concen: 0.330 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

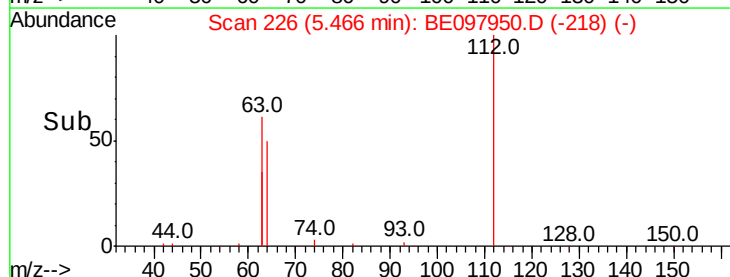
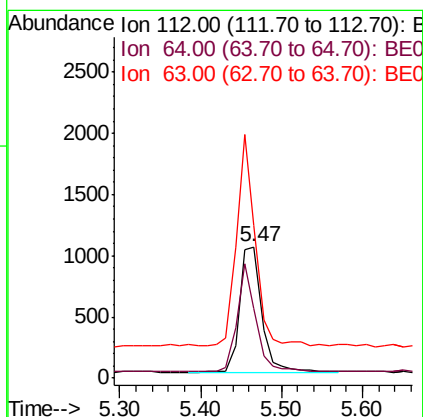
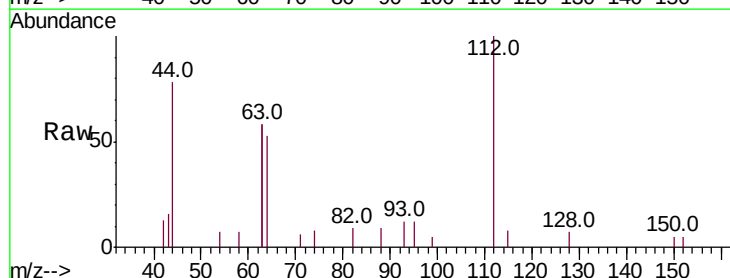
Tot Ion: 42 Resp: 1062
 Ion Ratio Lower Upper
 42 100
 74 104.0 77.6 116.4
 44 10.9 7.6 11.4

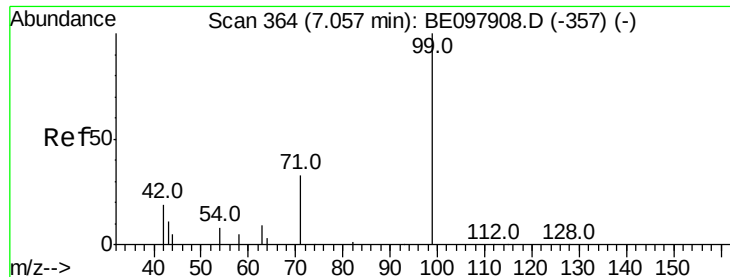


#4

2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Tgt Ion: 112 Resp: 1958
 Ion Ratio Lower Upper
 112 100
 64 72.2 58.9 88.3
 63 141.5 120.3 180.5





#5

Phenol-d6

Concen: 0.360 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

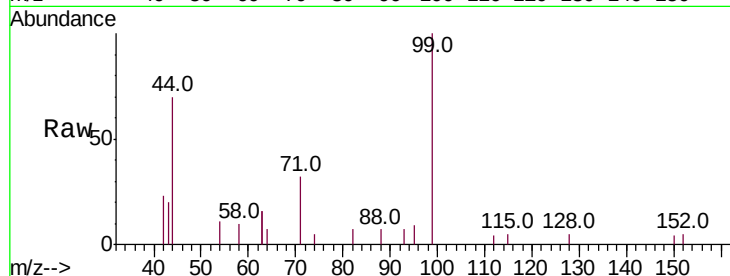
Tot Ion: 99 Resp: 2778

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

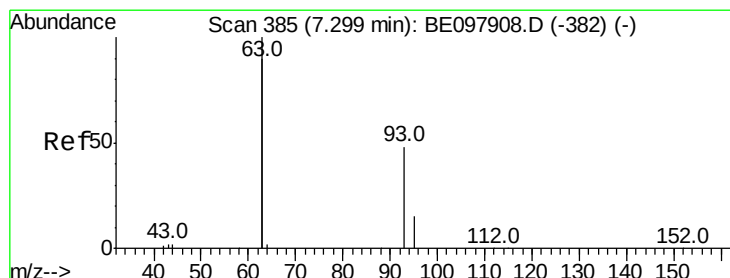
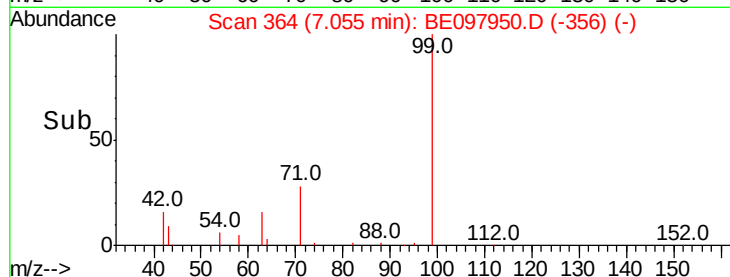
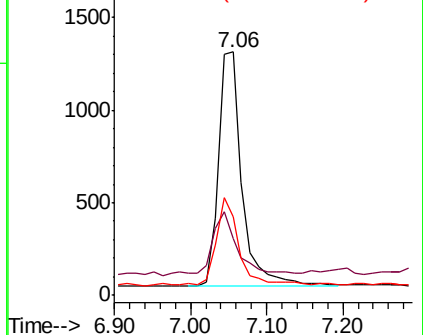
71 35.0 27.8 41.8



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: 0.357 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

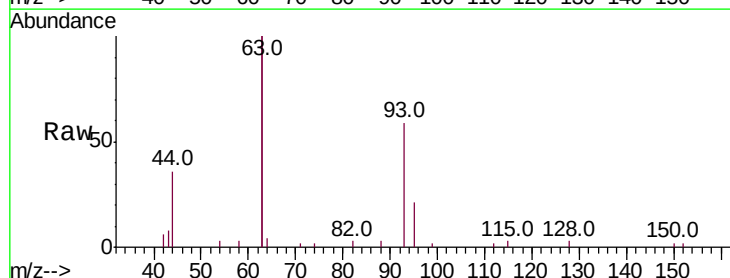
Tgt Ion: 93 Resp: 2337

Ion Ratio Lower Upper

93 100

63 331.6 259.0 388.4

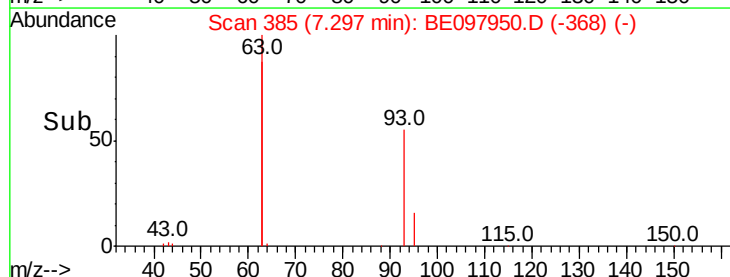
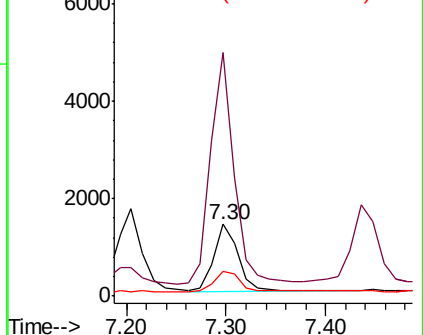
95 34.0 27.8 41.8

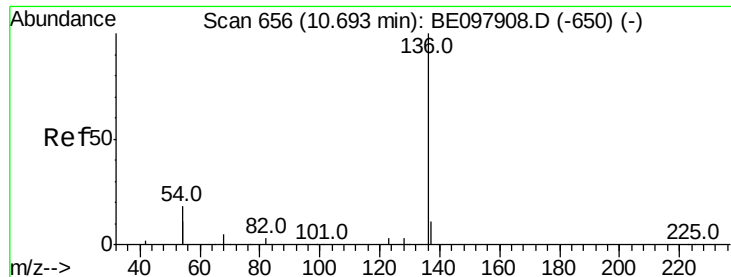


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7302

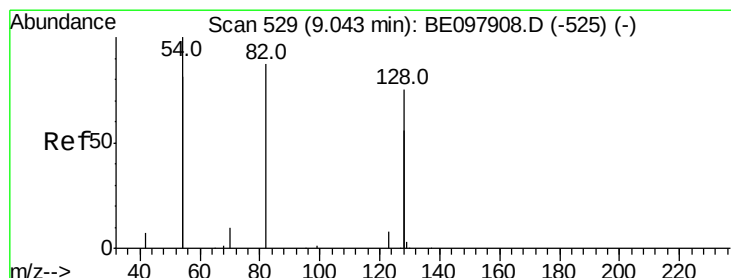
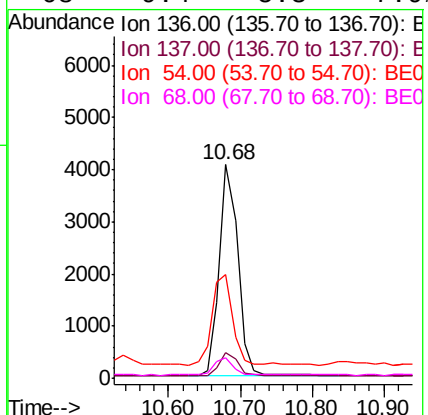
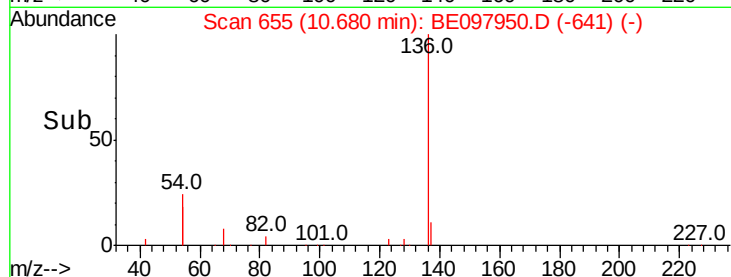
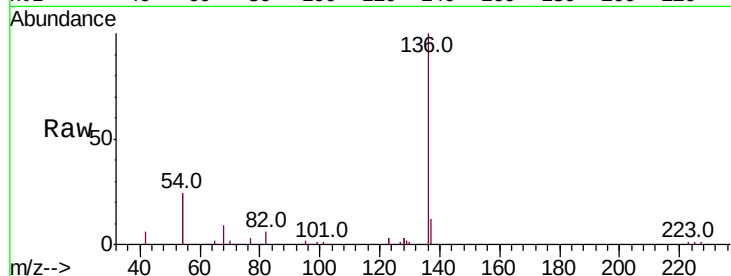
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 48.3 27.7 41.5#

68 9.4 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

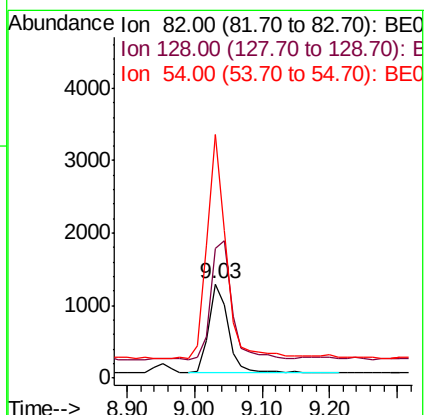
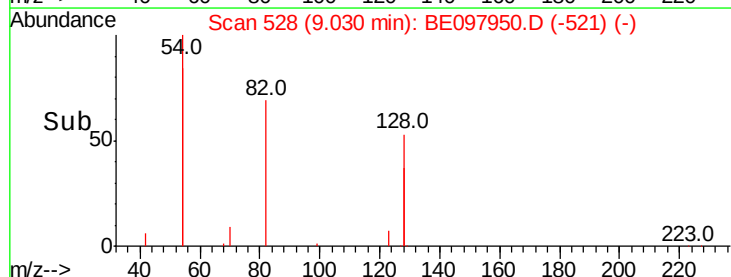
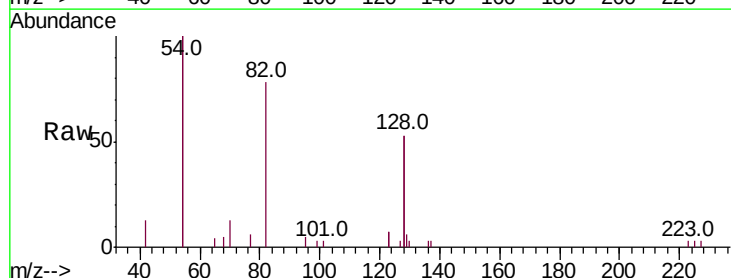
Tgt Ion: 82 Resp: 2515

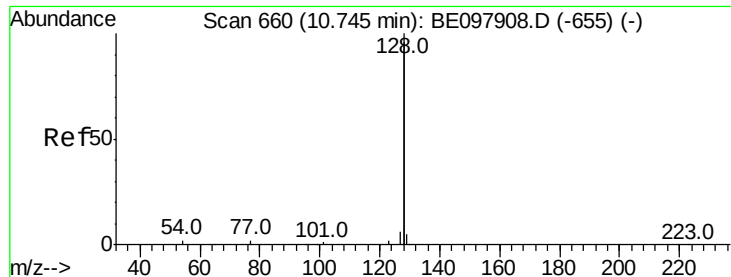
Ion Ratio Lower Upper

82 100

128 137.7 129.9 194.9

54 257.9 174.0 261.0





#9

Naphthalene

Concen: 0.382 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

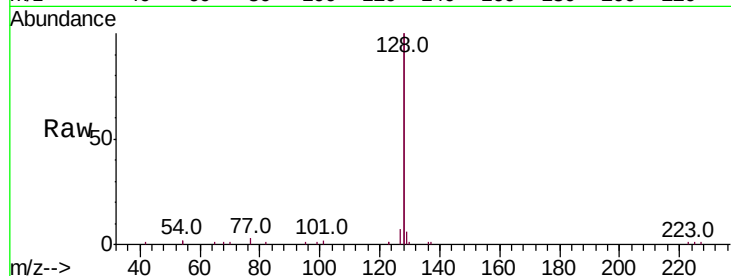
Tot Ion:128 Resp: 27742

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

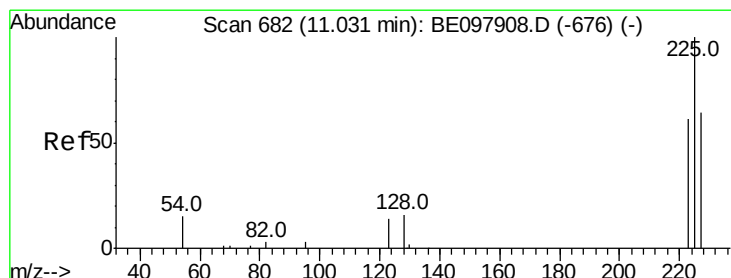
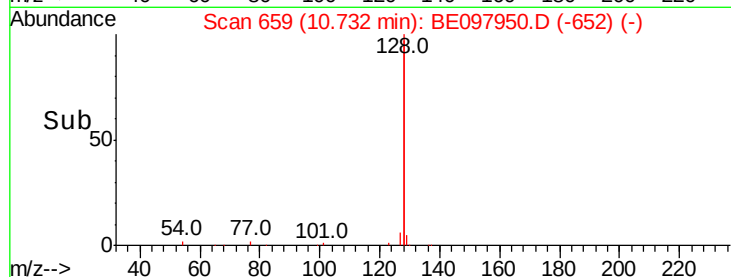
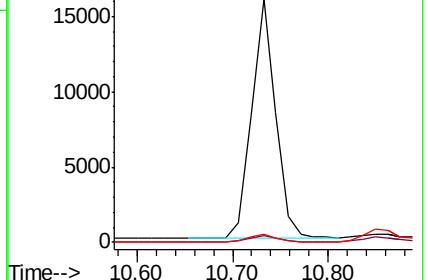
127 3.5 2.8 4.2



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: 0.377 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

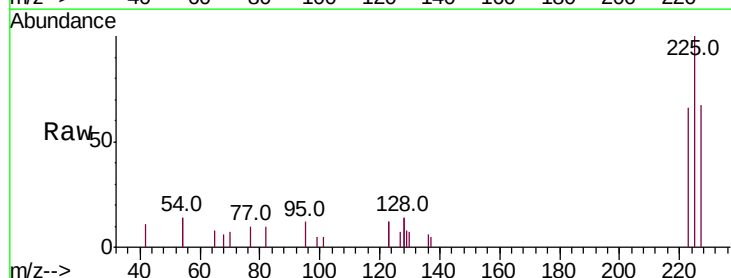
Tgt Ion:225 Resp: 1476

Ion Ratio Lower Upper

225 100

223 62.9 51.8 77.8

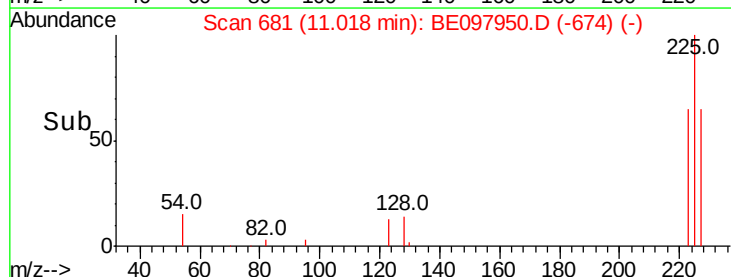
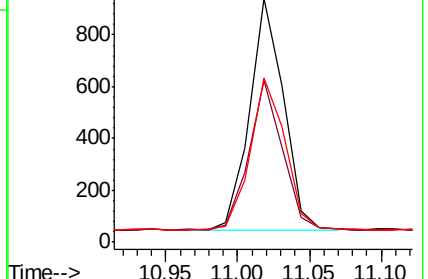
227 67.5 53.0 79.6

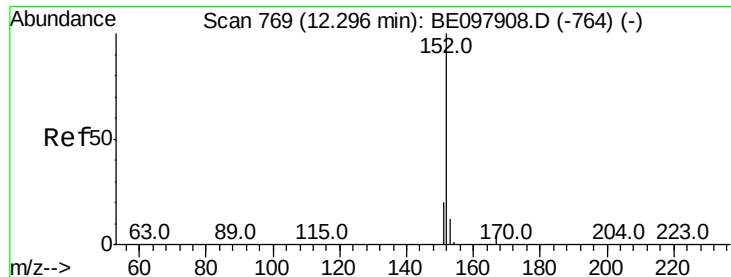


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

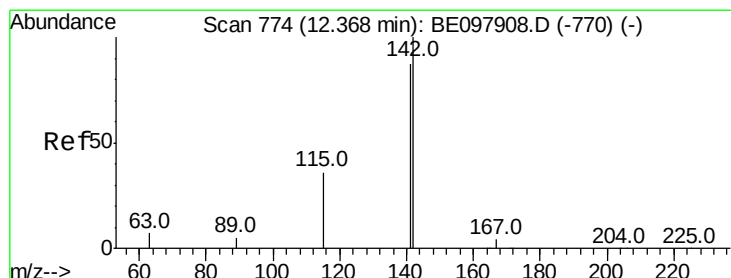
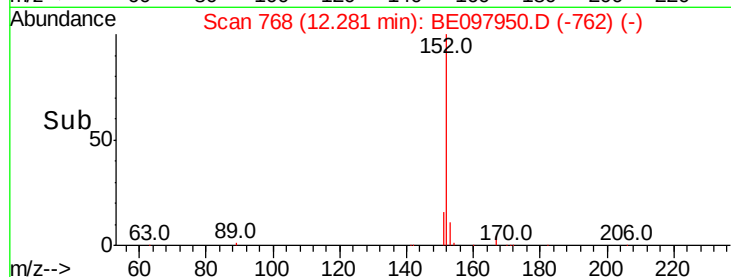
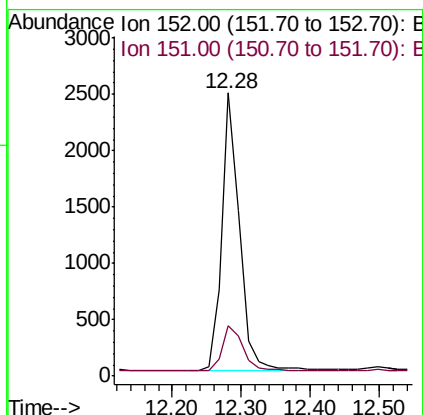
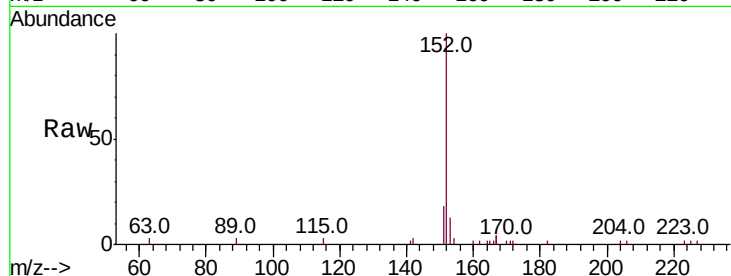




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

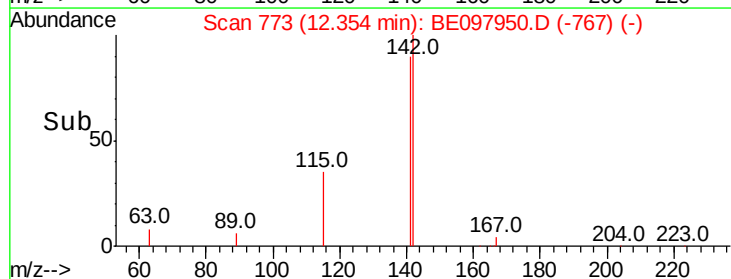
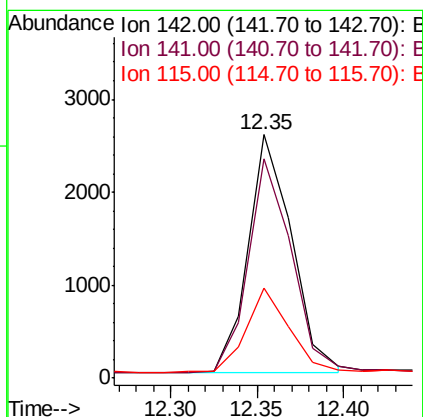
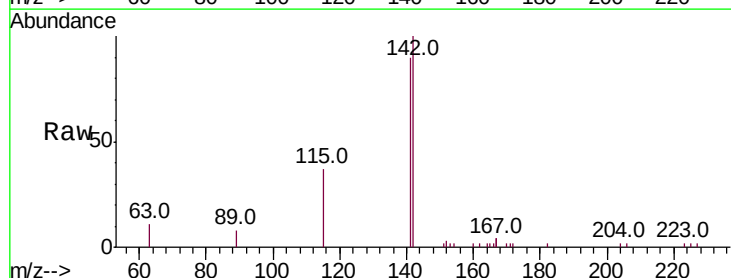
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

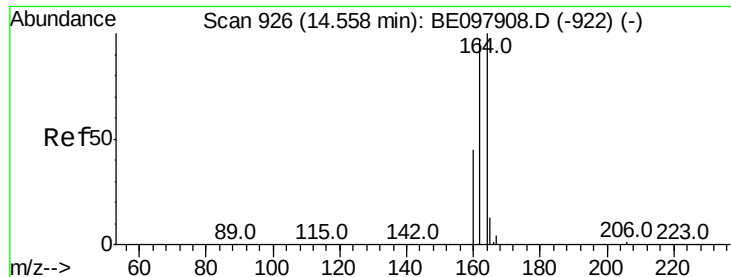
Tot Ion:152 Resp: 4434
 Ion Ratio Lower Upper
 152 100
 151 18.8 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Tgt Ion:142 Resp: 4532
 Ion Ratio Lower Upper
 142 100
 141 90.2 69.8 104.6
 115 36.9 30.5 45.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

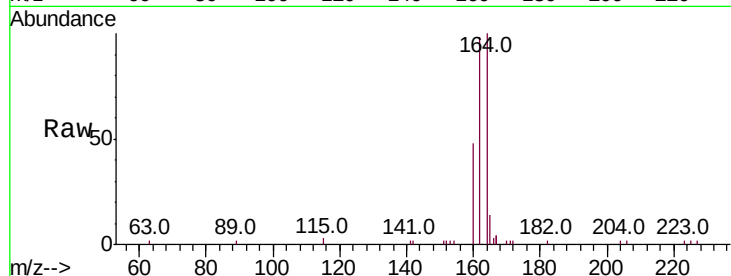
Tot Ion:164 Resp: 4817

Ion Ratio Lower Upper

164 100

162 97.9 77.4 116.2

160 47.7 36.5 54.7

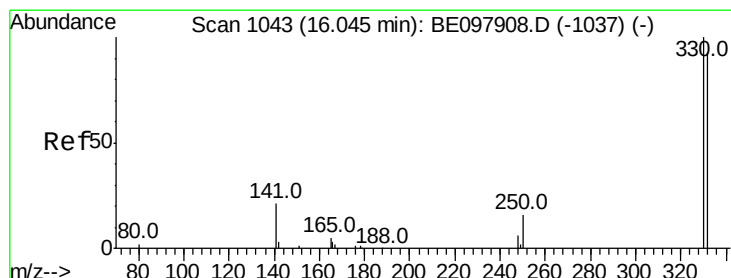
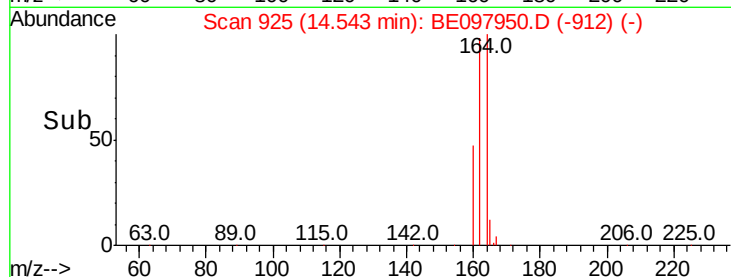
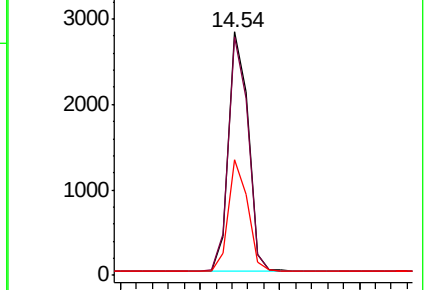


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.54



#14

2,4,6-Tribromophenol

Concen: 0.304 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

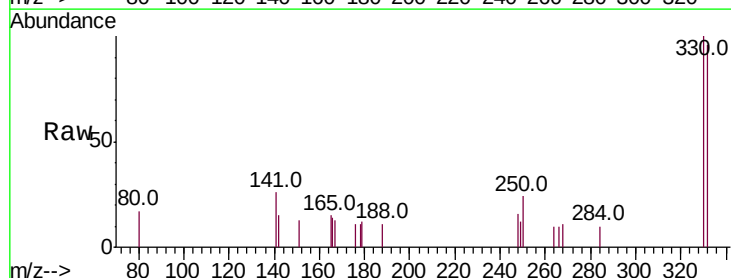
Tgt Ion:330 Resp: 787

Ion Ratio Lower Upper

330 100

332 95.4 76.5 114.7

141 36.2 31.8 47.6

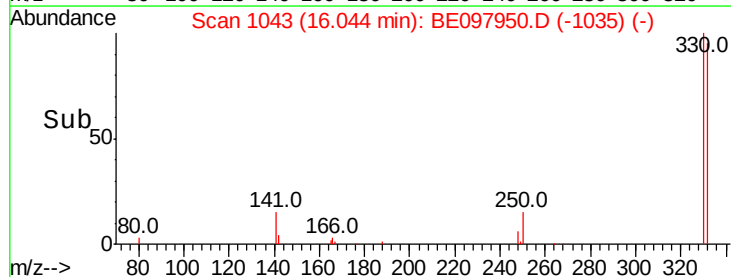
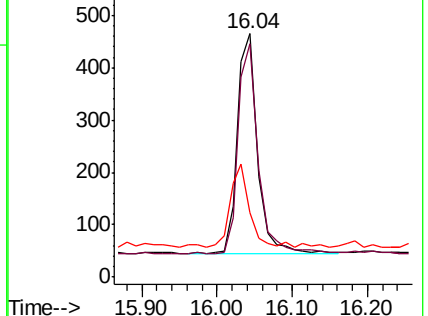


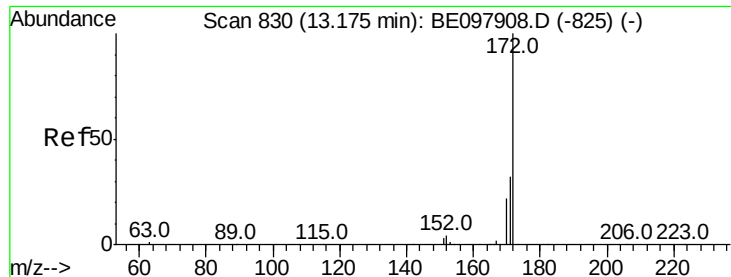
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.04

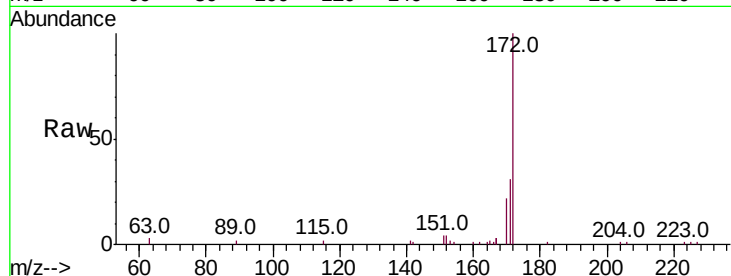




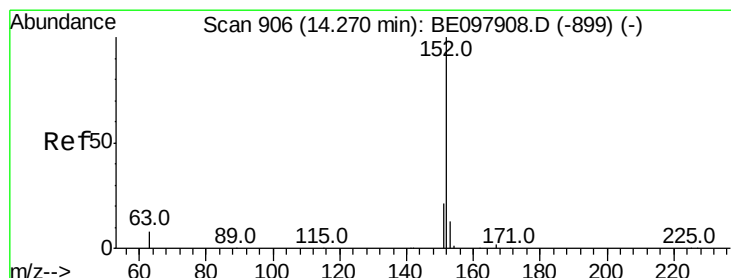
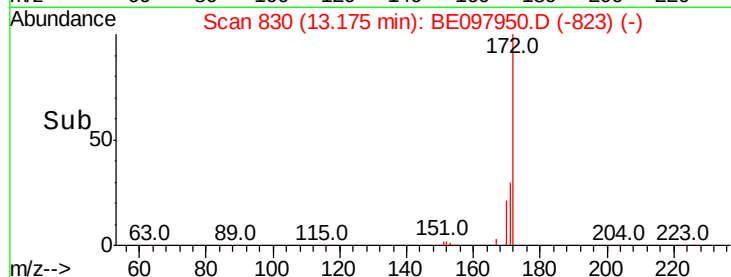
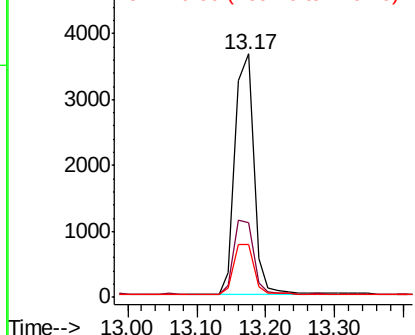
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097950.D
Acq: 17 Oct 2018 17:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 6918
Ion Ratio Lower Upper
172 100
171 30.6 26.0 39.0
170 21.8 18.0 27.0

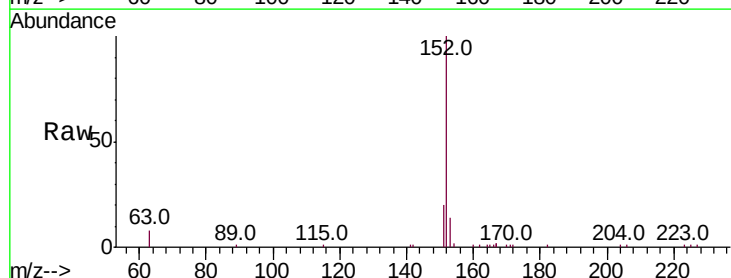


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

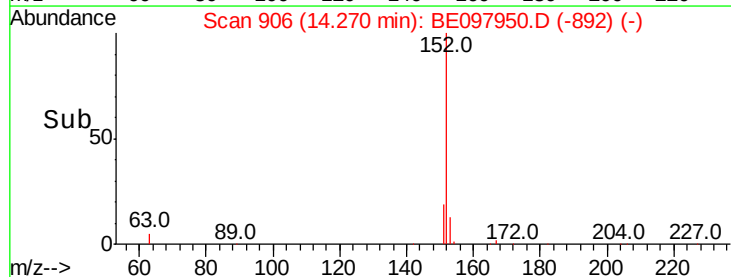
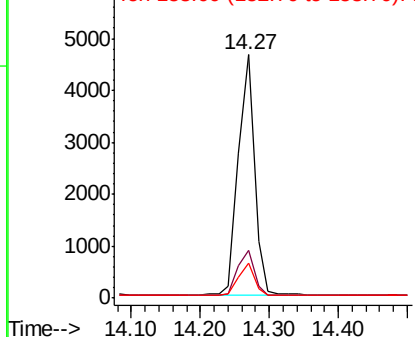


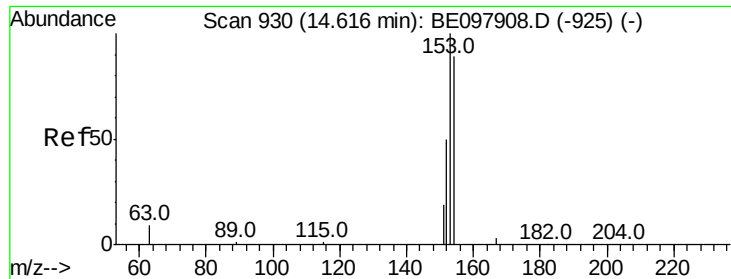
#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097950.D
Acq: 17 Oct 2018 17:02

Tgt Ion:152 Resp: 7704
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.6 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

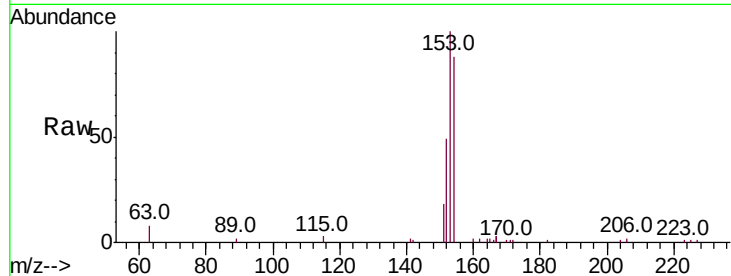




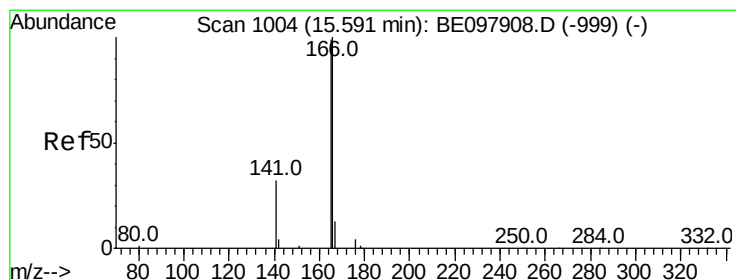
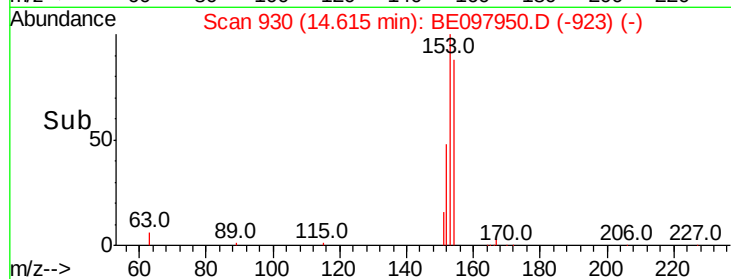
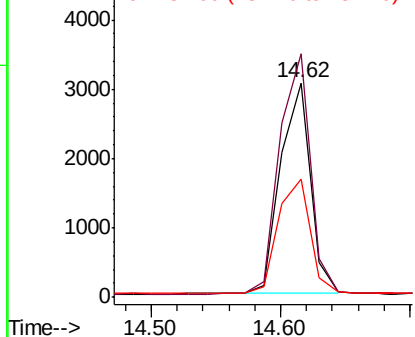
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097950.D
Acq: 17 Oct 2018 17:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 4910
Ion Ratio Lower Upper
154 100
153 116.8 92.6 139.0
152 58.2 45.5 68.3

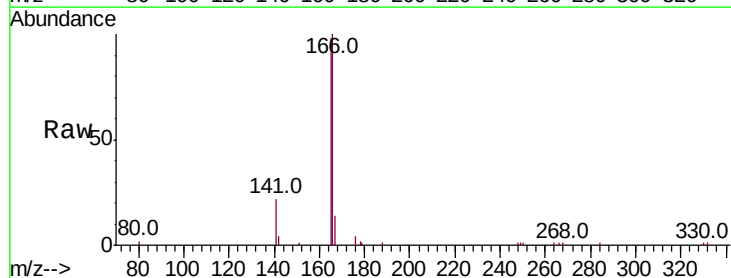


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

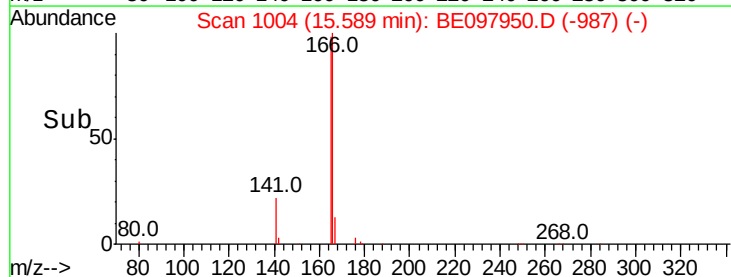
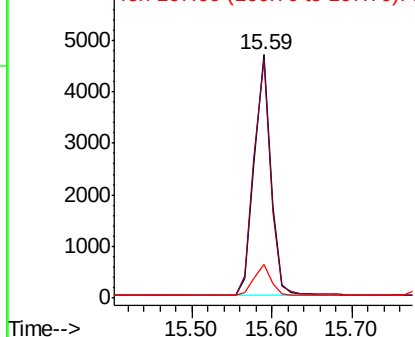


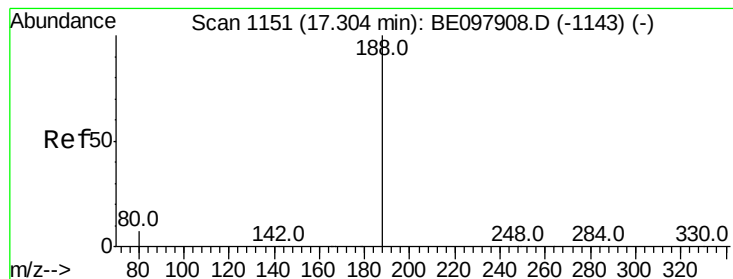
#18
Fluorene
Concen: 0.359 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097950.D
Acq: 17 Oct 2018 17:02

Tgt Ion:166 Resp: 6723
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.4
167 13.3 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: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

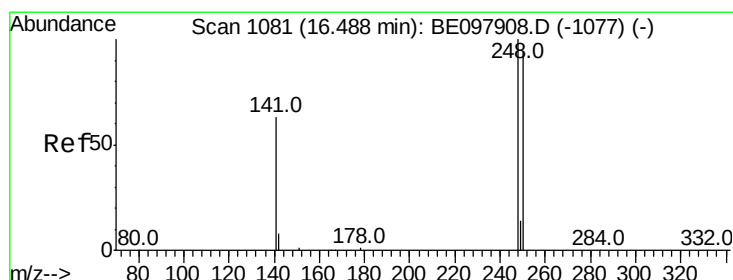
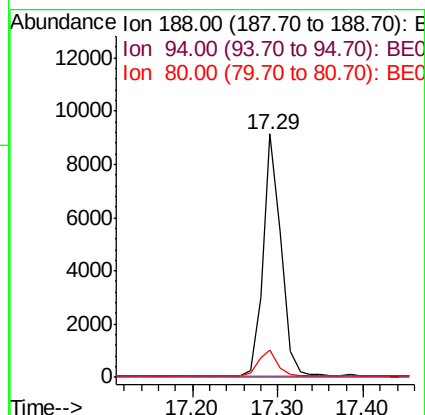
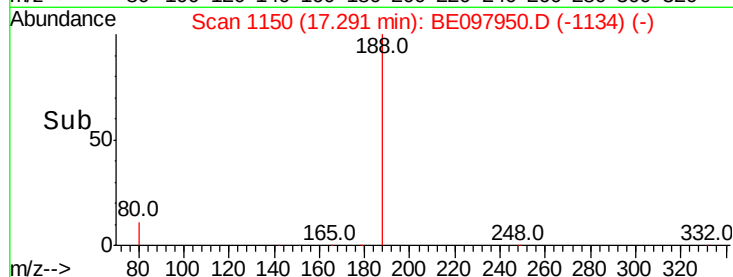
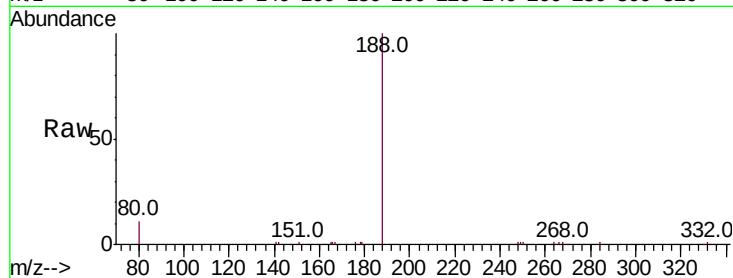
Tot Ion:188 Resp: 13252

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

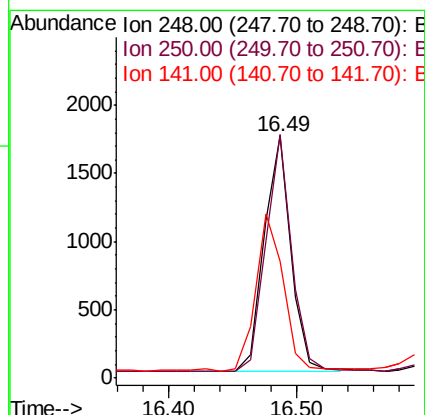
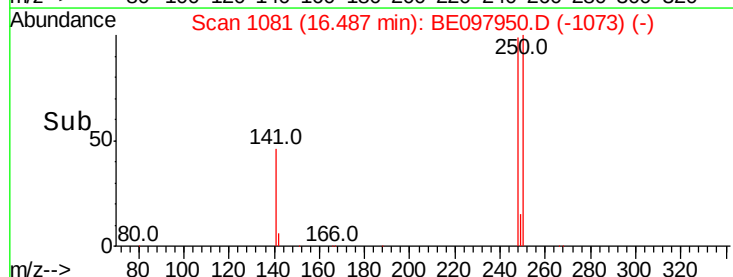
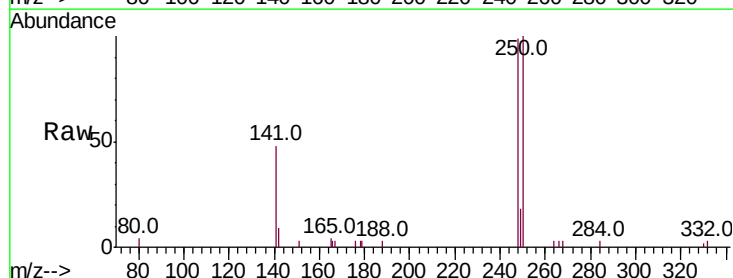
Tgt Ion:248 Resp: 2536

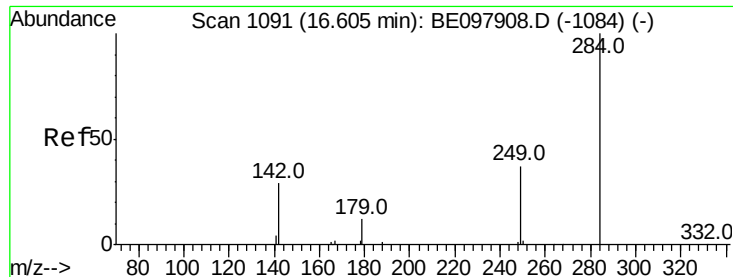
Ion Ratio Lower Upper

248 100

250 100.5 75.1 112.7

141 48.3 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.360 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

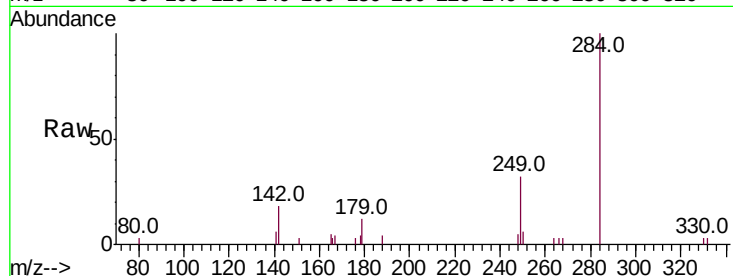
Tot Ion:284 Resp: 2565

Ion Ratio Lower Upper

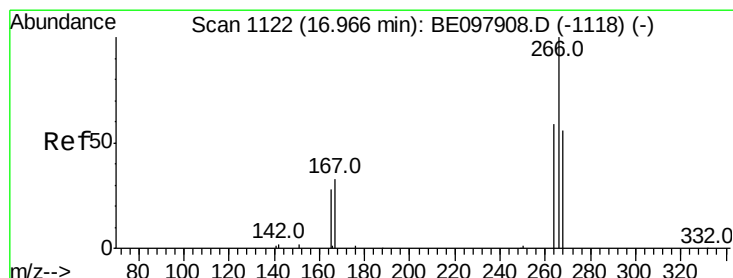
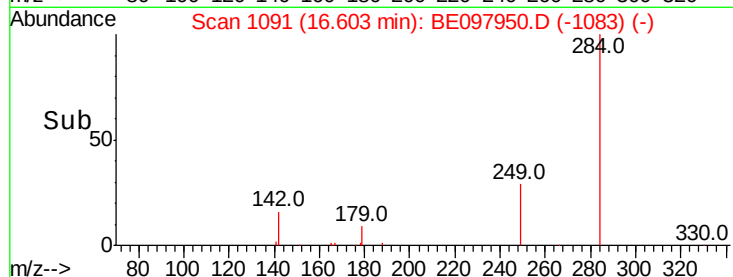
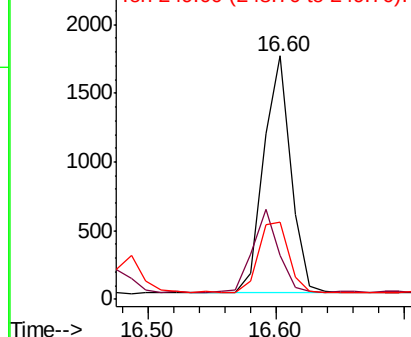
284 100

142 32.6 25.9 38.9

249 33.1 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: 0.346 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

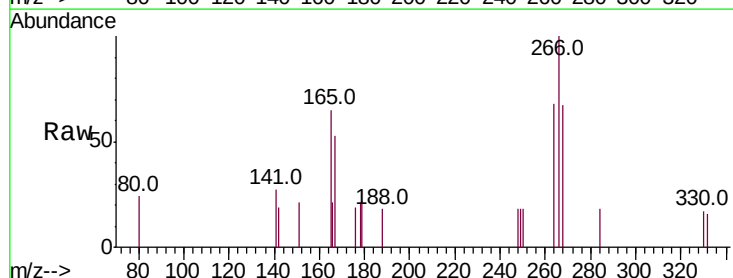
Tgt Ion:266 Resp: 580

Ion Ratio Lower Upper

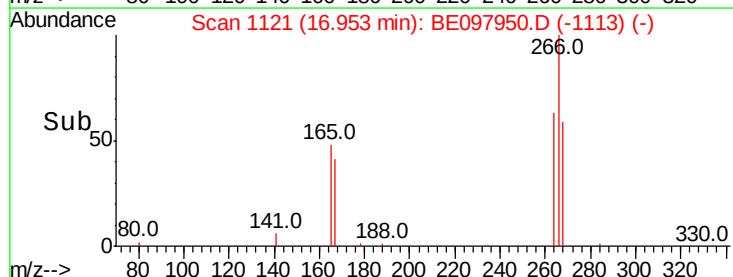
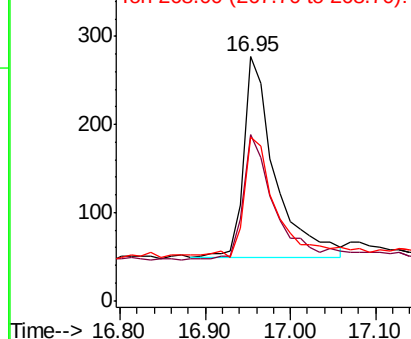
266 100

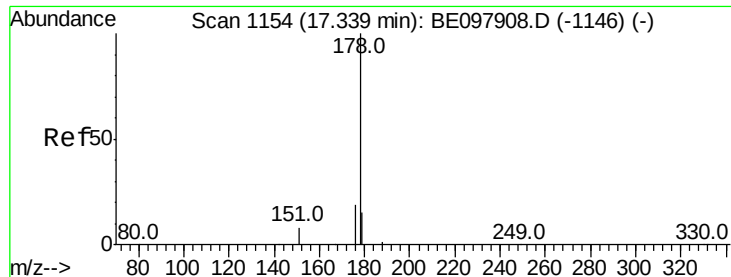
264 68.2 51.3 76.9

268 67.1 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: 0.362 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

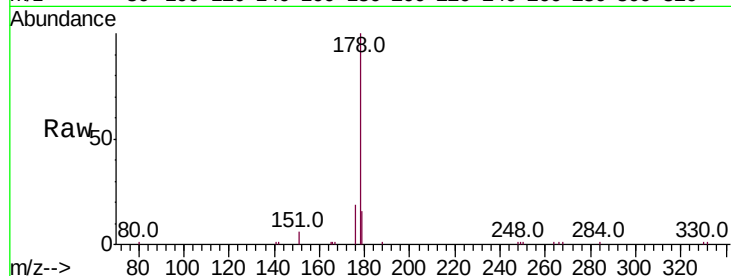
Tot Ion:178 Resp: 12195

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

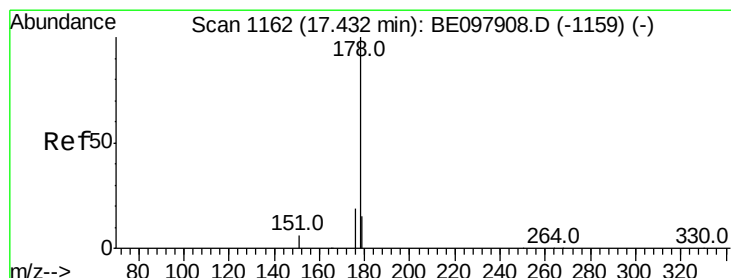
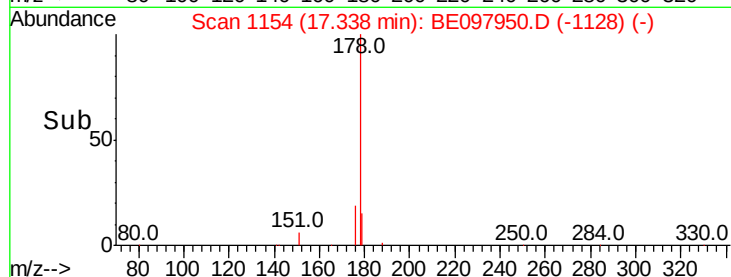
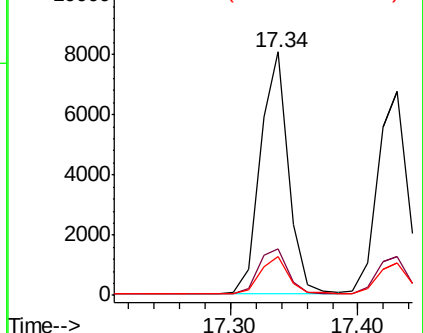
179 15.5 12.2 18.4



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: 0.344 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

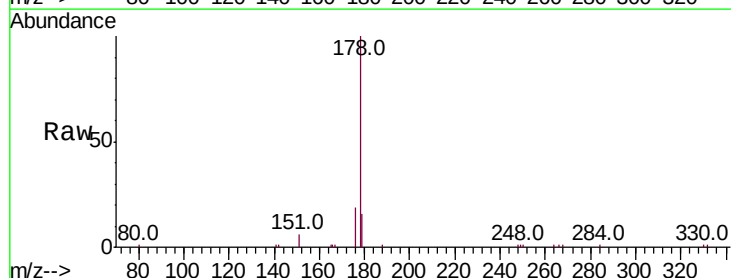
Tgt Ion:178 Resp: 10948

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

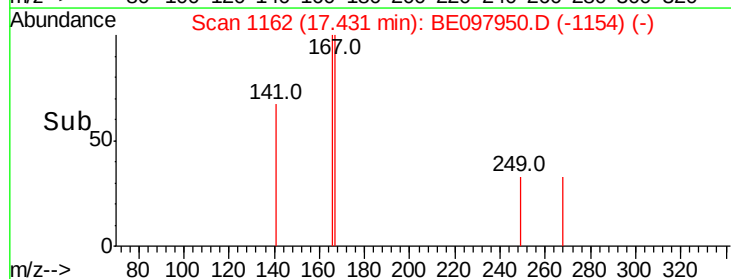
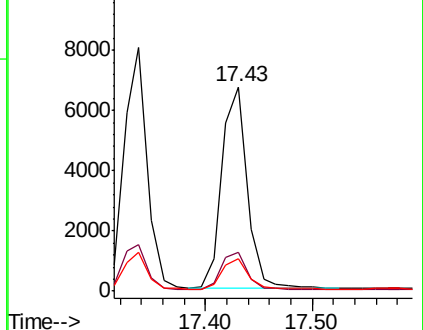
179 15.1 11.9 17.9

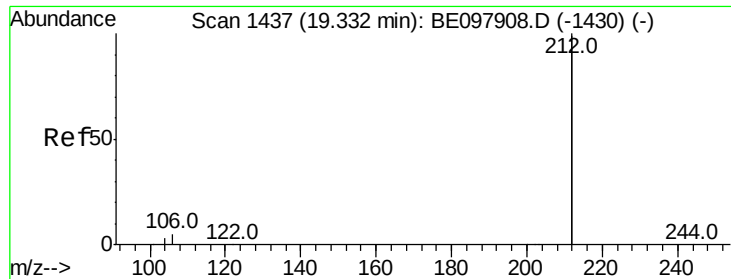


Abundance Ion 178.00 (177.70 to 178.70): E

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: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

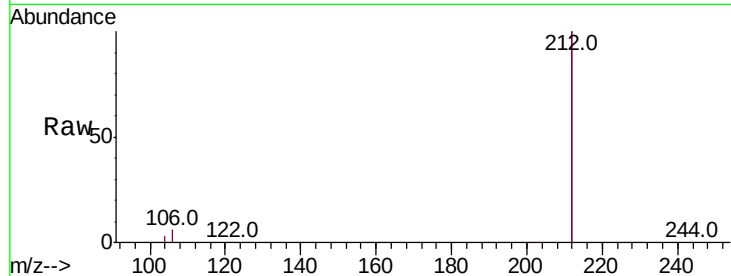
Tot Ion:212 Resp: 63269

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

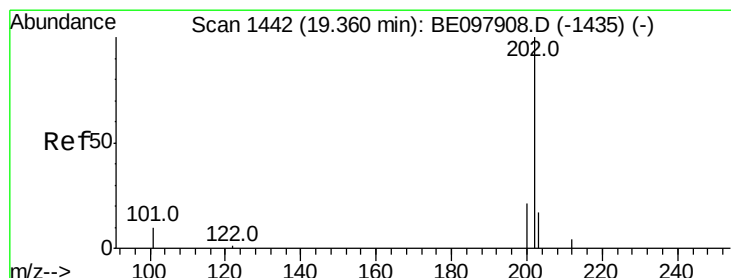
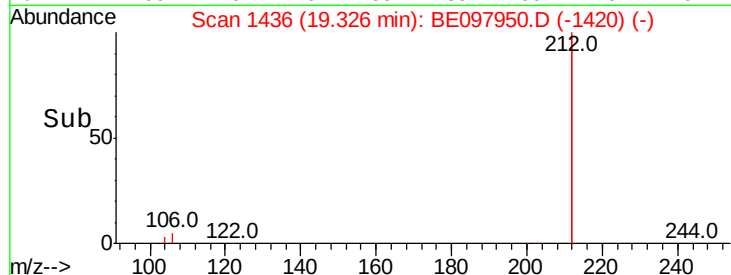
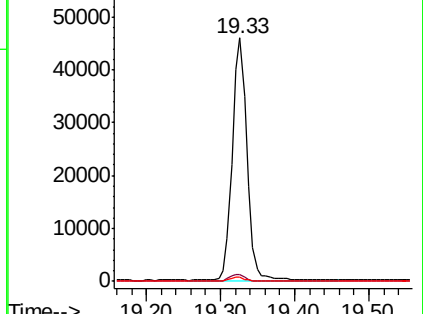
104 1.6 1.3 1.9



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: 0.358 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

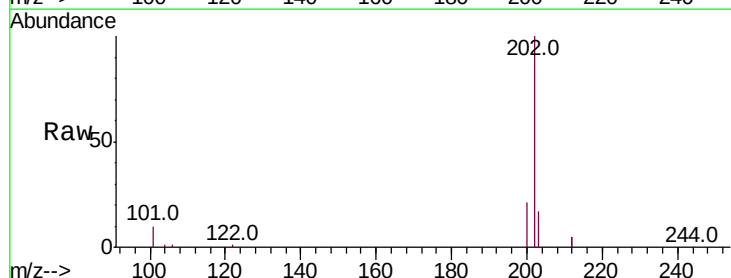
Tgt Ion:202 Resp: 15826

Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

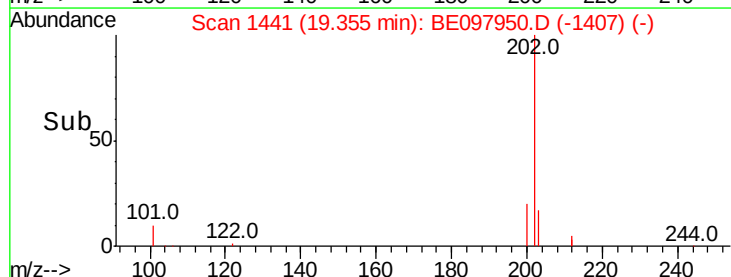
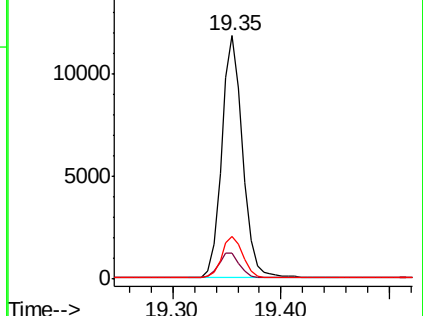
203 17.4 15.0 22.4

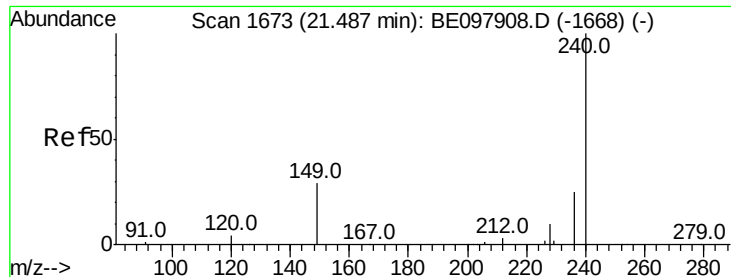


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

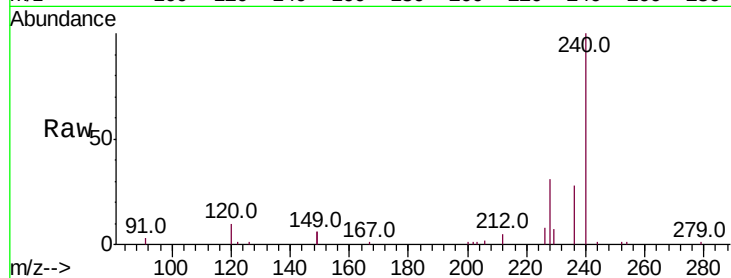
Tot Ion:240 Resp: 17263

Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

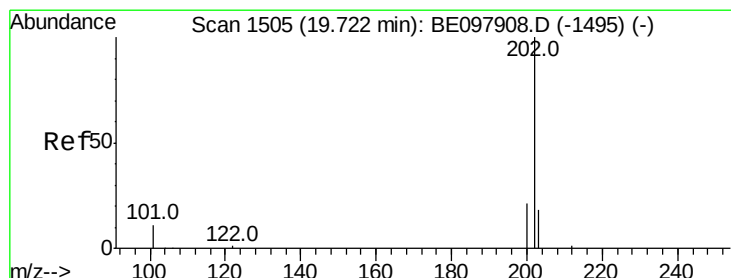
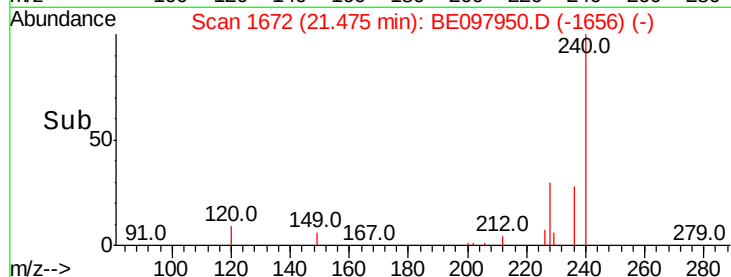
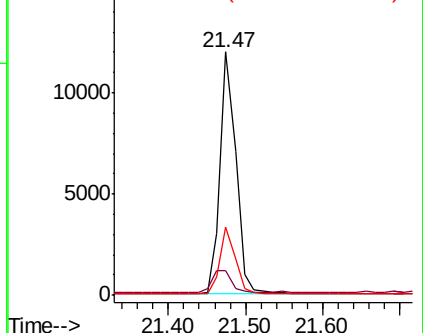
236 27.9 21.3 31.9



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: 0.343 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

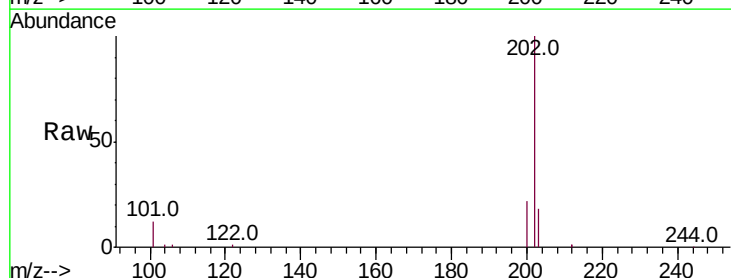
Tgt Ion:202 Resp: 17074

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

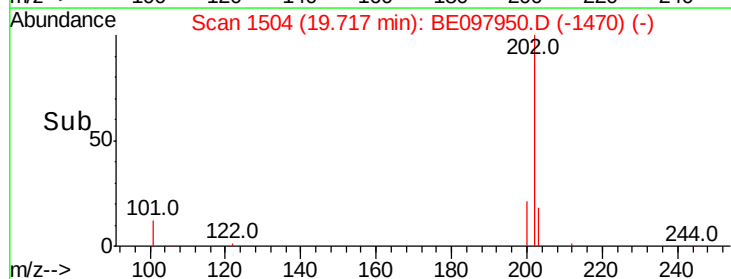
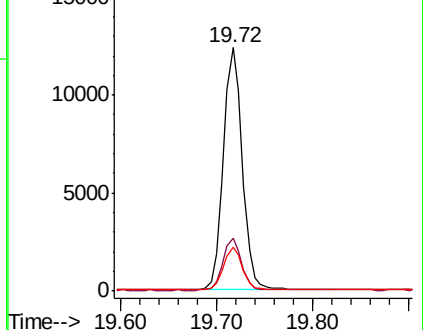
203 17.5 14.2 21.4

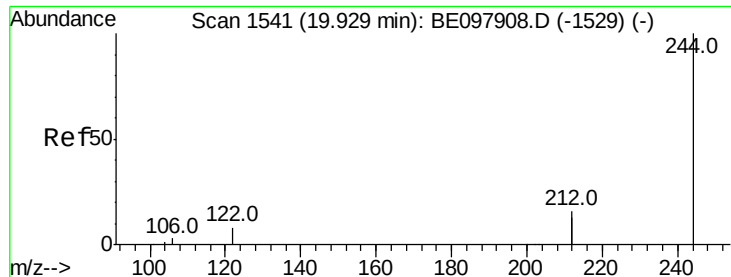


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.329 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

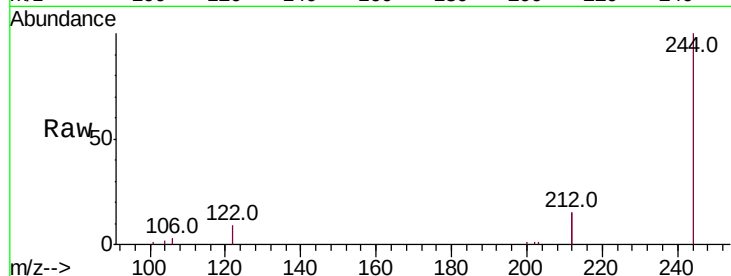
Tot Ion:244 Resp: 13035

Ion Ratio Lower Upper

244 100

212 30.9 26.2 39.2

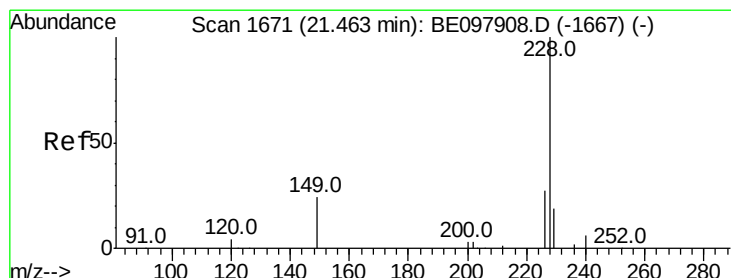
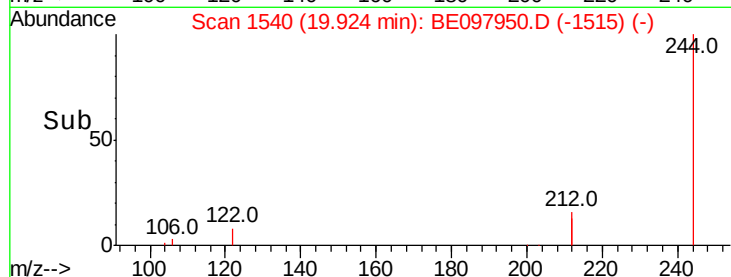
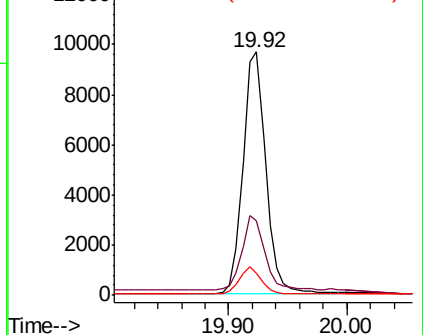
122 8.9 7.7 11.5



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: 0.348 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

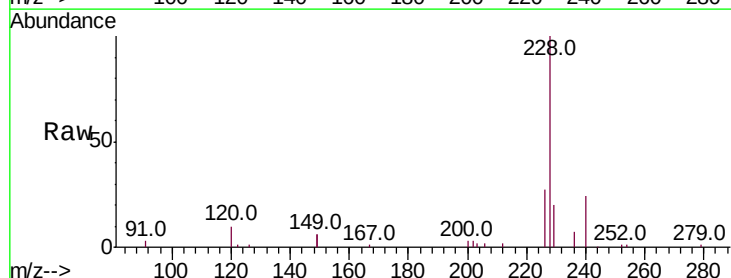
Tgt Ion:228 Resp: 18428

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

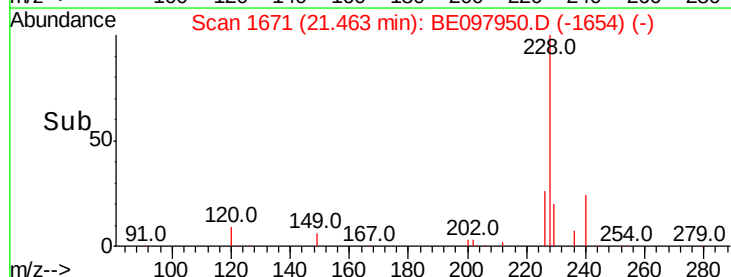
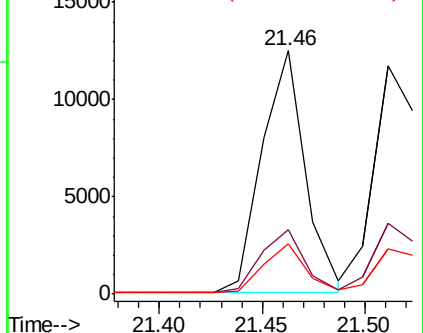
229 20.5 16.9 25.3

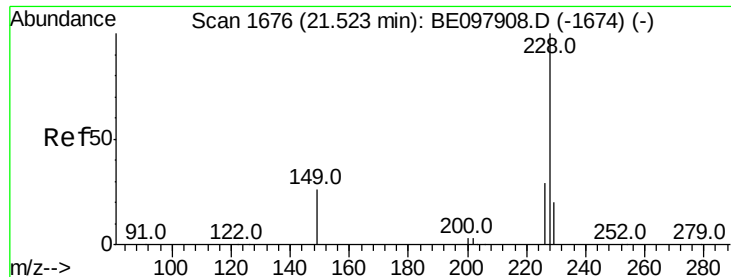


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.370 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

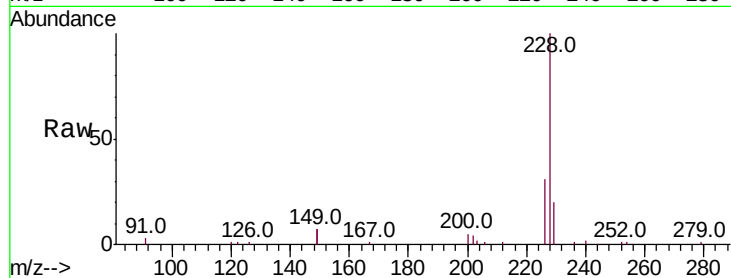
Tot Ion:228 Resp: 18572

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

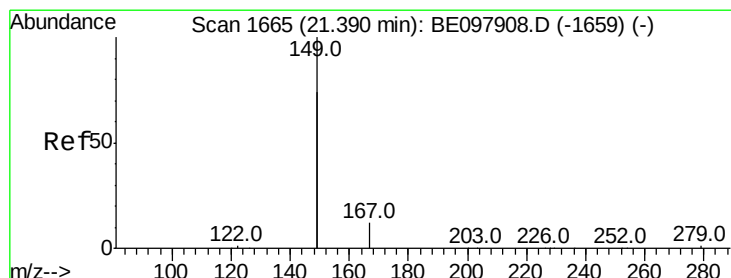
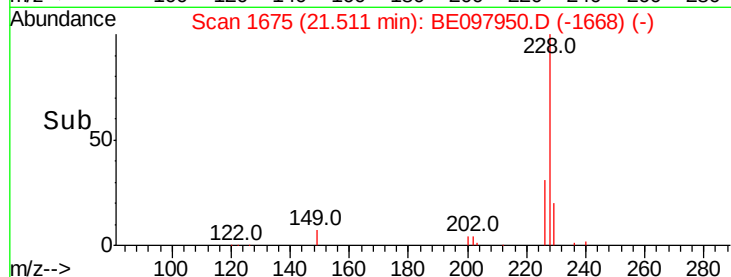
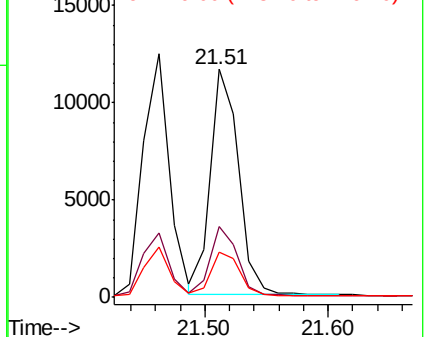
229 20.0 17.3 25.9



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: 0.257 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

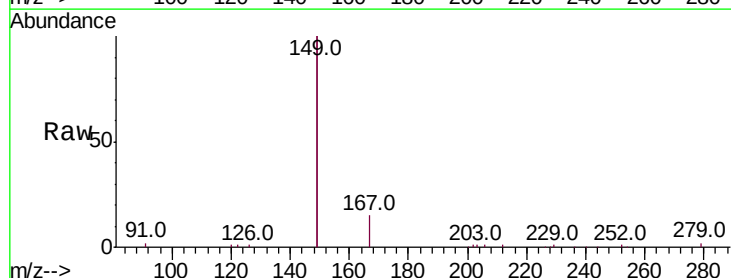
Tgt Ion:149 Resp: 36604

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

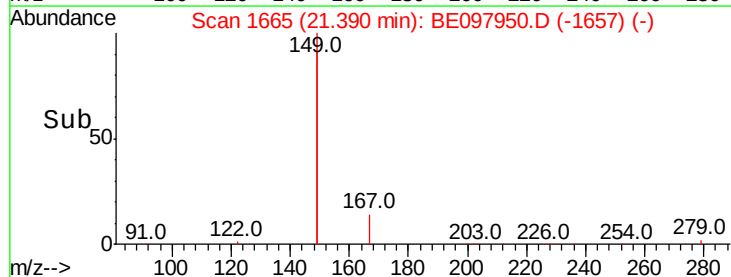
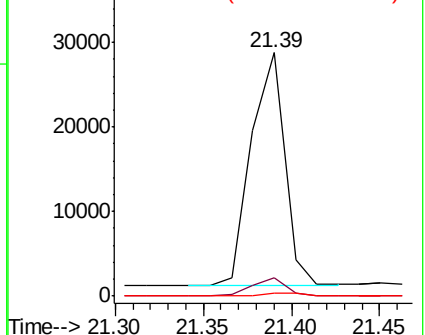
279 1.1 0.9 1.3

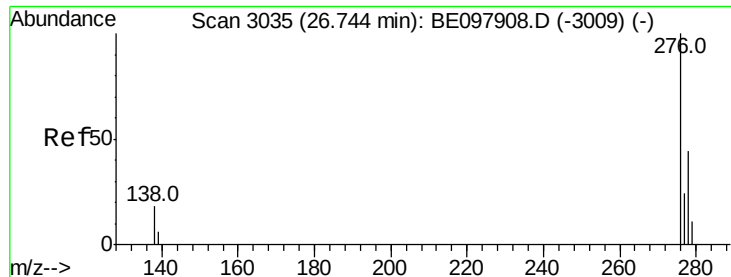


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

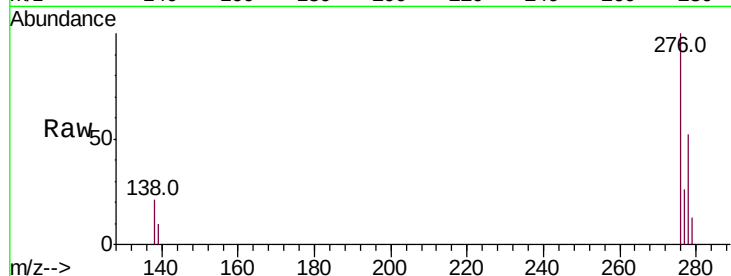




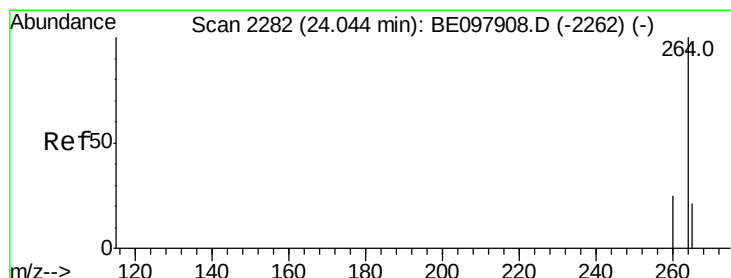
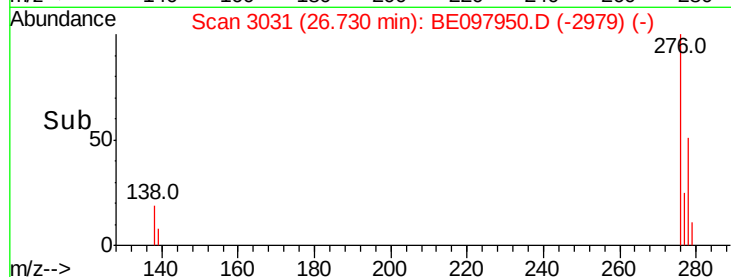
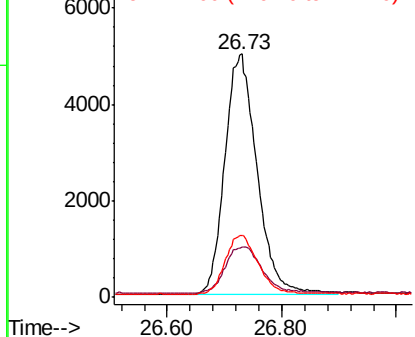
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 19403
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.0 25.6
 277 24.8 20.5 30.7

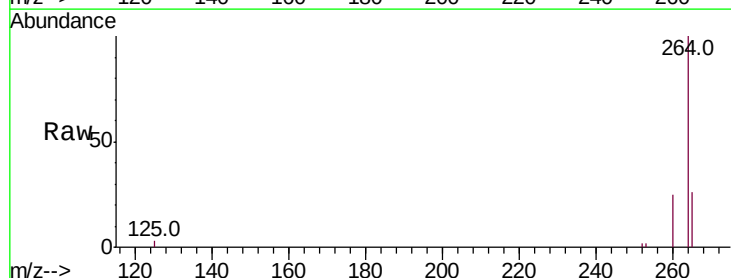


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

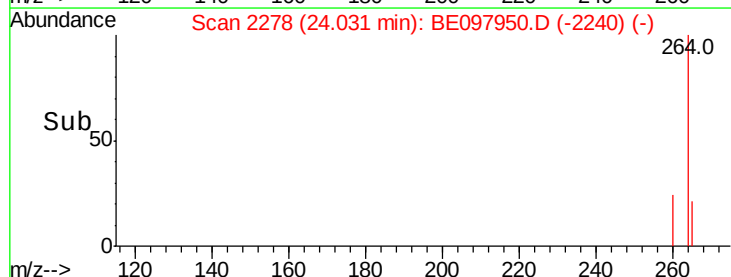
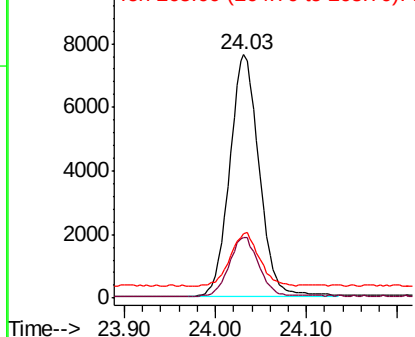


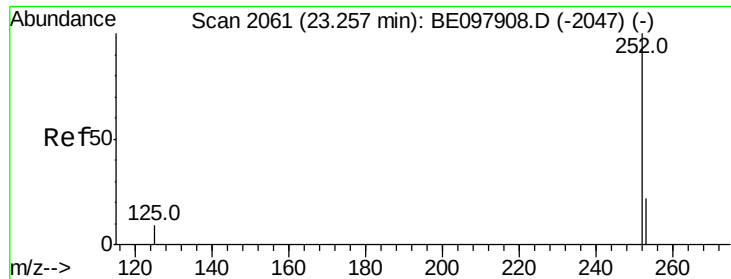
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097950.D
 Acq: 17 Oct 2018 17:02

Tgt Ion:264 Resp: 17015
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.1 31.7
 265 26.3 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: 0.356 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

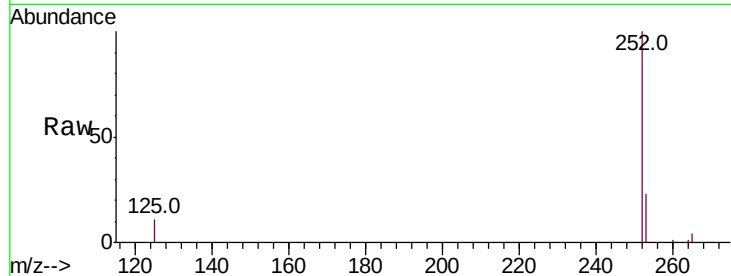
Tot Ion:252 Resp: 17420

Ion Ratio Lower Upper

252 100

253 23.3 20.6 31.0

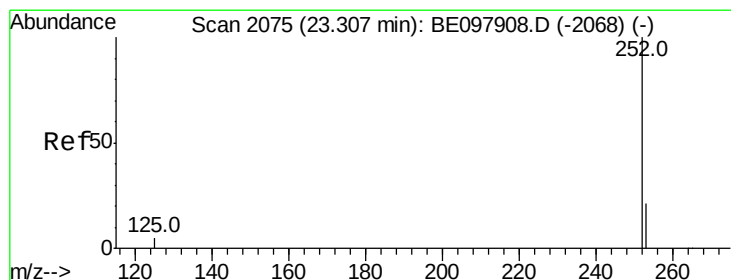
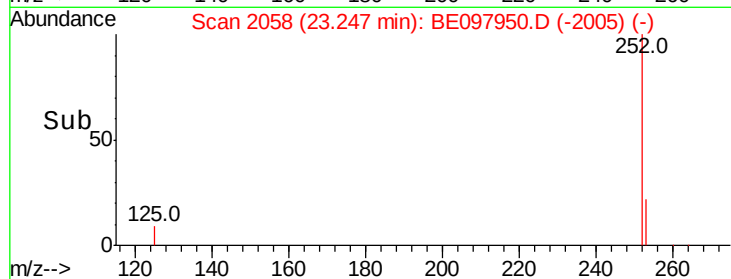
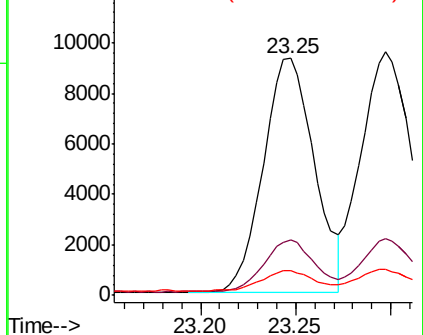
125 10.5 14.3 21.5#



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: 0.356 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

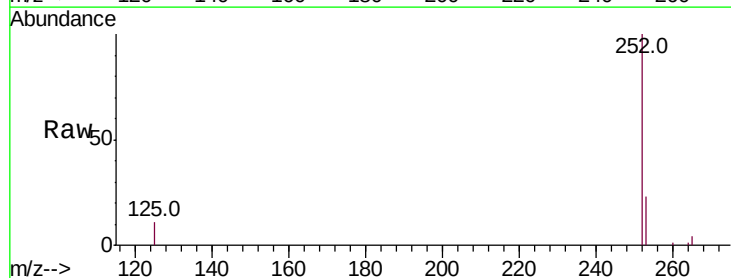
Tgt Ion:252 Resp: 18164

Ion Ratio Lower Upper

252 100

253 23.1 20.4 30.6

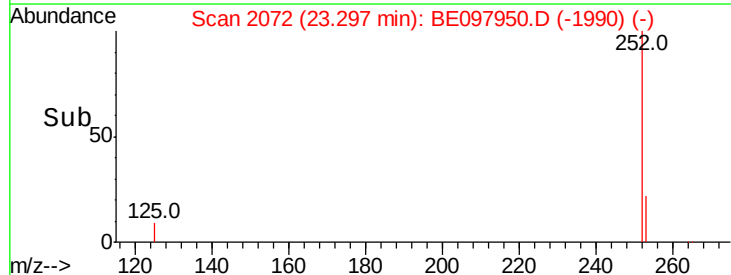
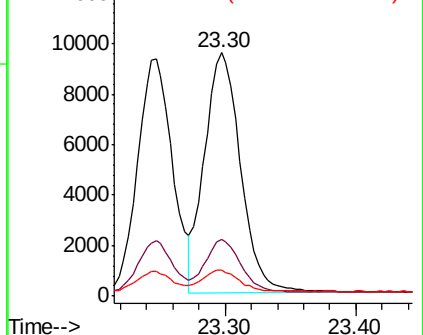
125 10.8 14.6 21.8#

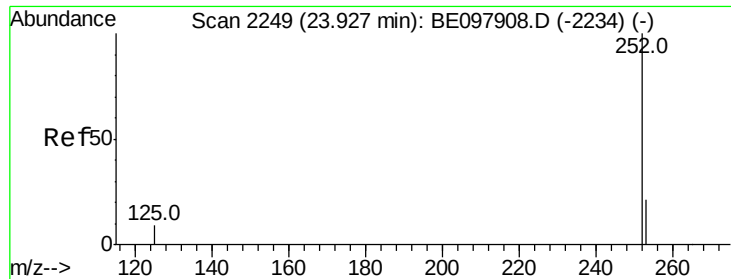


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.353 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

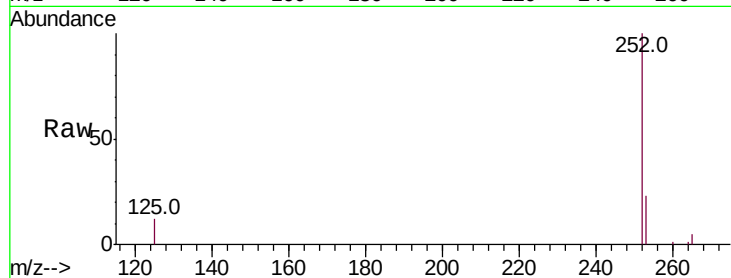
Tot Ion:252 Resp: 16854

Ion Ratio Lower Upper

252 100

253 22.5 20.6 31.0

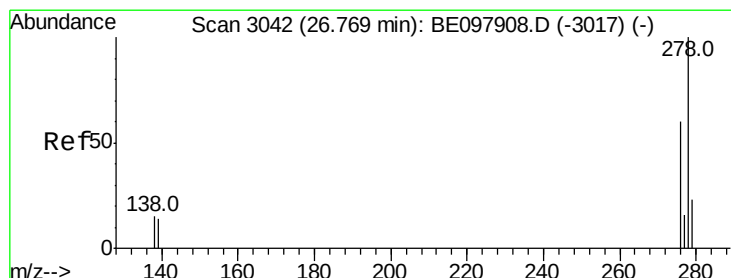
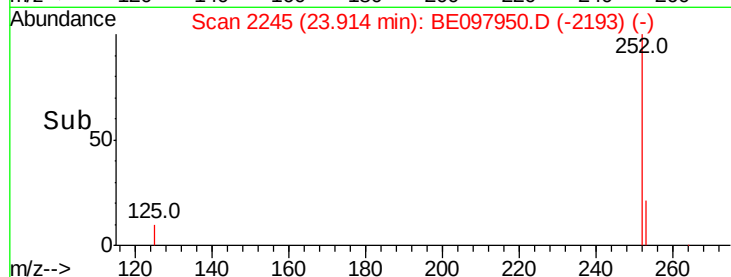
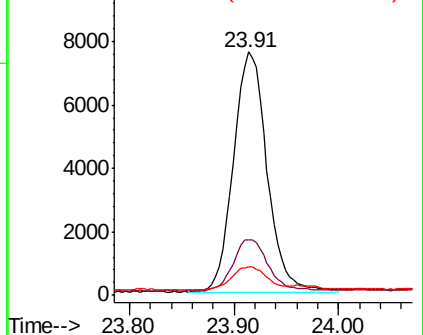
125 11.8 15.6 23.4#



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: 0.342 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

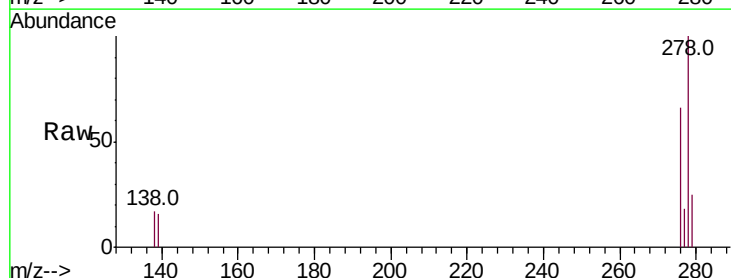
Tgt Ion:278 Resp: 15976

Ion Ratio Lower Upper

278 100

139 16.3 16.3 24.5#

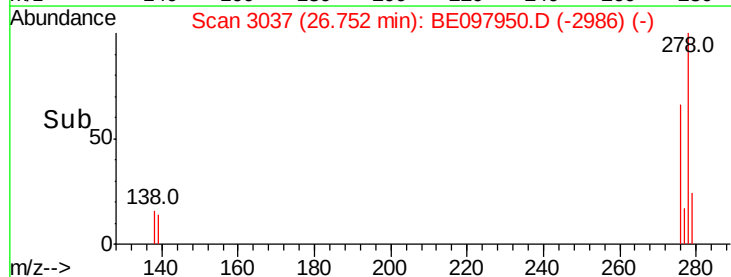
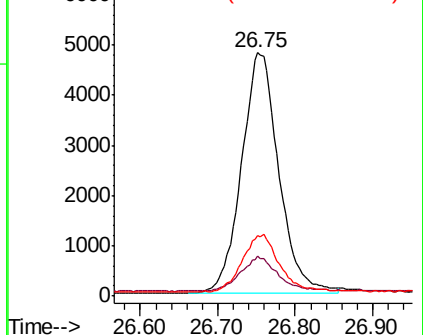
279 25.0 21.4 32.2

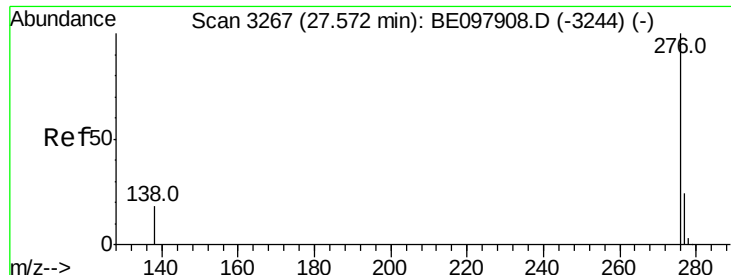


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.342 ng

RT: 27.56 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BE097950.D

Acq: 17 Oct 2018 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

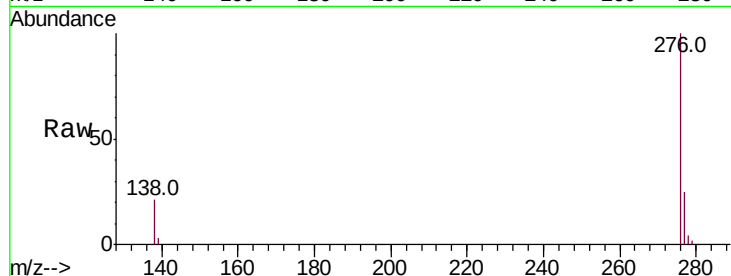
Tot Ion:276 Resp: 16380

Ion Ratio Lower Upper

276 100

277 24.8 22.1 33.1

138 21.0 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

