

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097930.D
 Acq On : 17 Oct 2018 3:28
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 20 01:17:36 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	2104	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	9697	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6626	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19097	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	20448	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16840	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2743	0.41	ng	-0.01
5) Phenol-d6	7.05	99	4135	0.42	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3809	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7100	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1455	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	10990	0.41	ng	0.00
25) Fluoranthene-d10	19.33	212	110185	0.43	ng	0.00
29) Terphenyl-d14	19.92	244	22262	0.48	ng	0.00

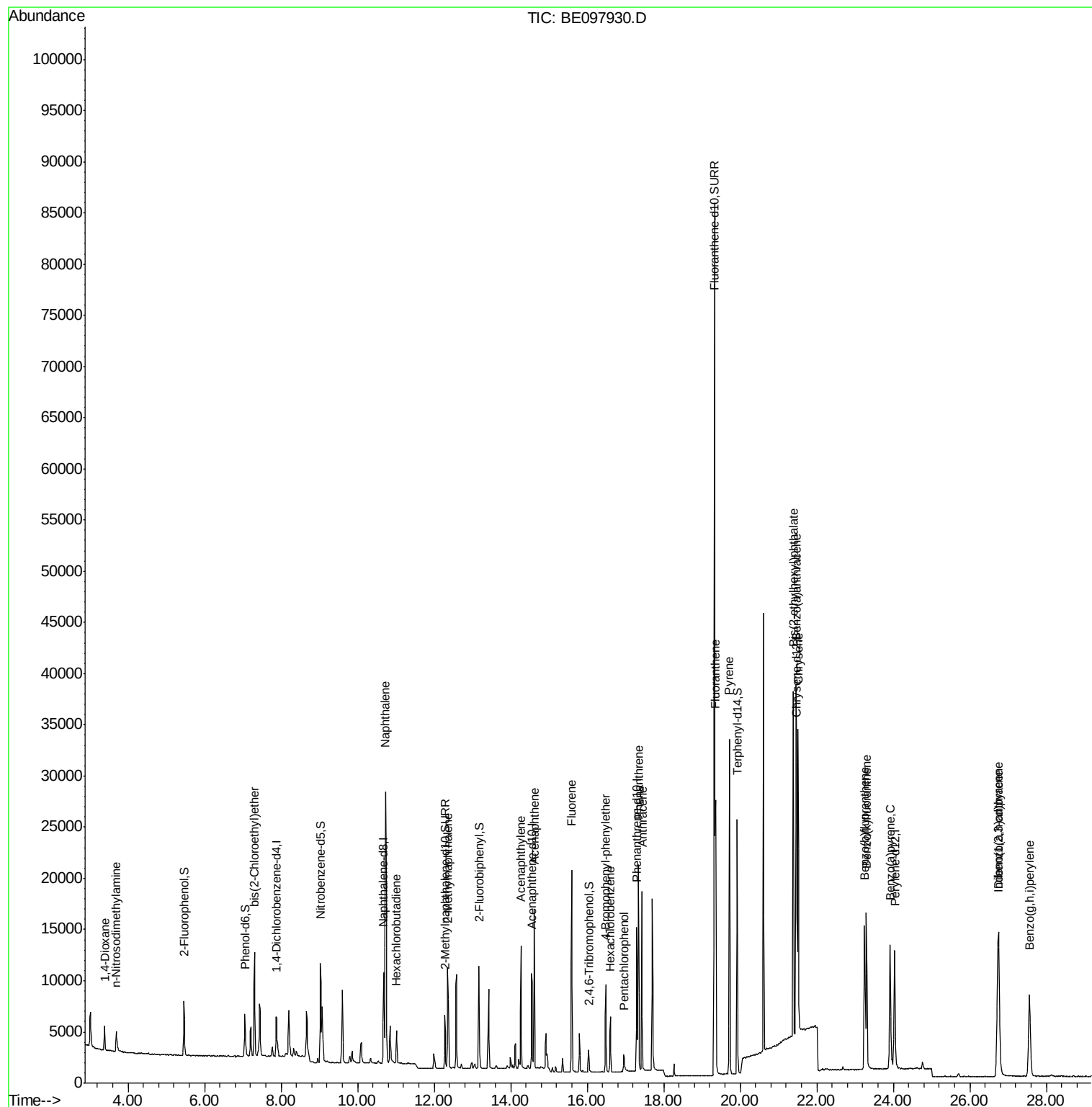
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1599	0.436	ng	95
3) n-Nitrosodimethylamine	3.69	42	1518	0.371	ng	# 89
6) bis(2-Chloroethyl)ether	7.30	93	3546	0.426	ng	96
9) Naphthalene	10.73	128	42147	0.437	ng	100
10) Hexachlorobutadiene	11.02	225	2221	0.427	ng	98
12) 2-Methylnaphthalene	12.35	142	7243	0.438	ng	96
16) Acenaphthylene	14.27	152	13170	0.430	ng	98
17) Acenaphthene	14.62	154	8019	0.429	ng	99
18) Fluorene	15.59	166	11254	0.437	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4382	0.420	ng	# 89
21) Hexachlorobenzene	16.60	284	4392	0.428	ng	99
22) Pentachlorophenol	16.95	266	1145	0.452	ng	97
23) Phenanthrene	17.34	178	20721	0.427	ng	100
24) Anthracene	17.43	178	19276	0.421	ng	99
26) Fluoranthene	19.35	202	27389	0.430	ng	98
28) Pyrene	19.72	202	29126	0.494	ng	99
30) Benzo(a)anthracene	21.46	228	26495	0.422	ng	97
31) Chrysene	21.51	228	25974	0.437	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	47160	0.293	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	23201	0.335	ng	98
35) Benzo(b)fluoranthene	23.25	252	20351	0.420	ng	# 91
36) Benzo(k)fluoranthene	23.30	252	22604	0.448	ng	# 90
37) Benzo(a)pyrene	23.91	252	20069	0.425	ng	# 90
38) Dibenzo(a,h)anthracene	26.75	278	19753	0.427	ng	# 93
39) Benzo(g,h,i)perylene	27.56	276	19600	0.414	ng	94

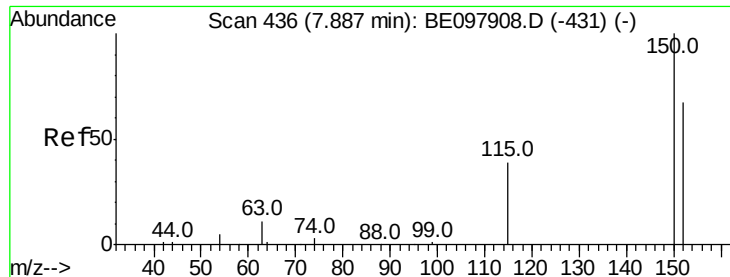
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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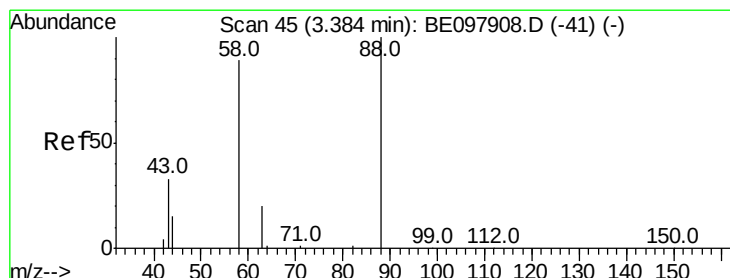
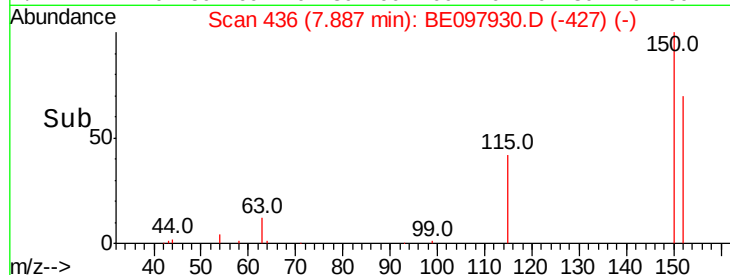
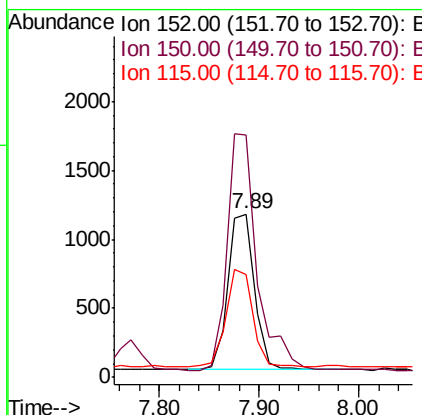
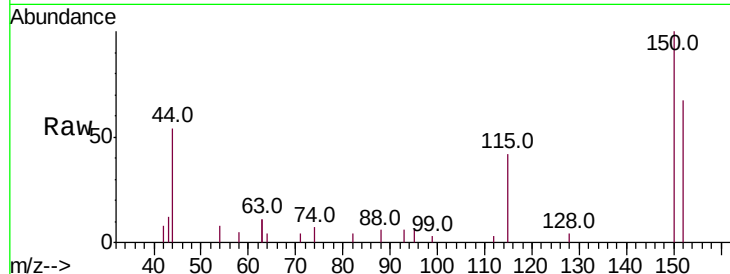




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

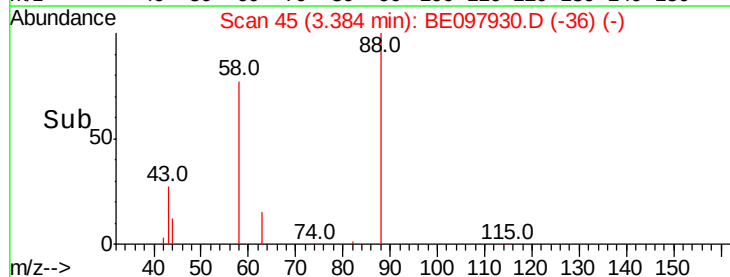
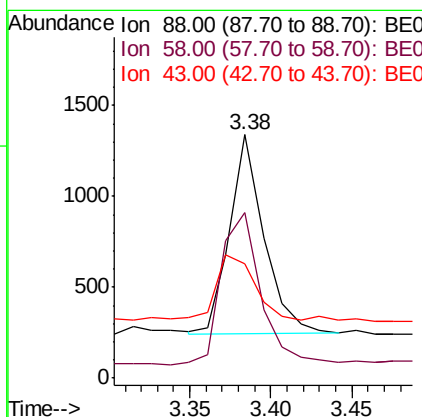
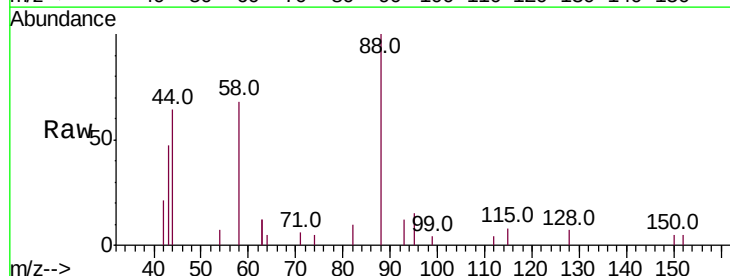
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

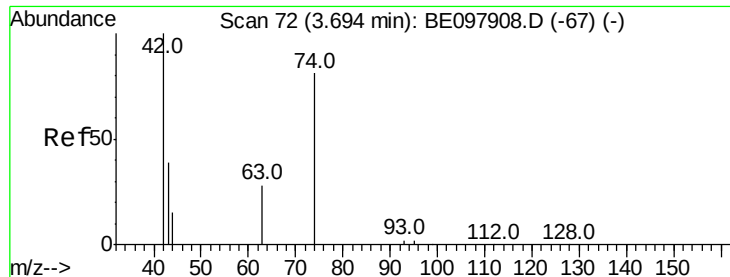
Tot Ion:152 Resp: 2104
 Ion Ratio Lower Upper
 152 100
 150 148.3 118.2 177.4
 115 62.8 50.9 76.3



#2
 1,4-Dioxane
 Concen: 0.436 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

Tgt Ion: 88 Resp: 1599
 Ion Ratio Lower Upper
 88 100
 58 89.2 73.2 109.8
 43 38.8 36.9 55.3





#3

n-Nitrosodimethylamine

Concen: 0.371 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

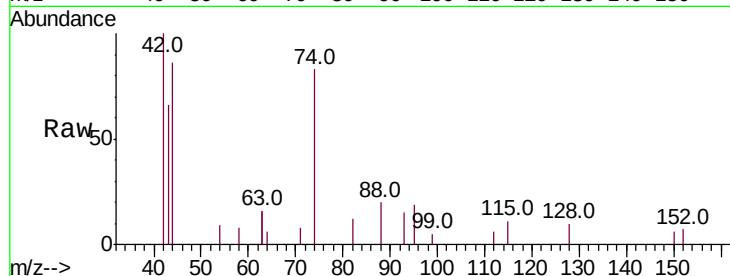
Tot Ion: 42 Resp: 1518

Ion Ratio Lower Upper

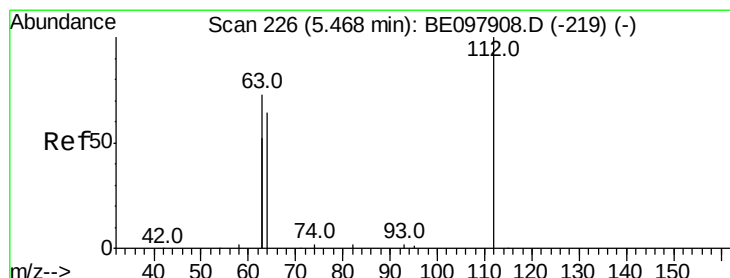
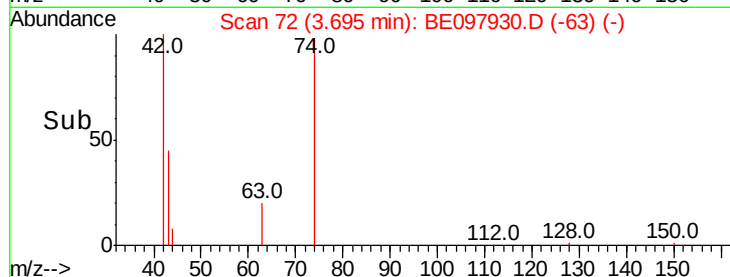
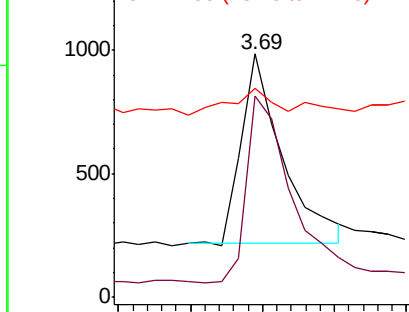
42 100

74 107.9 77.6 116.4

44 14.0 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: 0.413 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

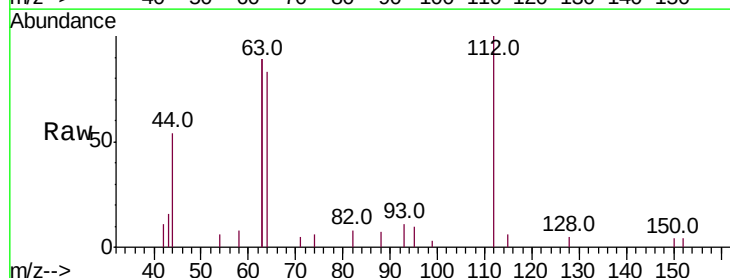
Tgt Ion: 112 Resp: 2743

Ion Ratio Lower Upper

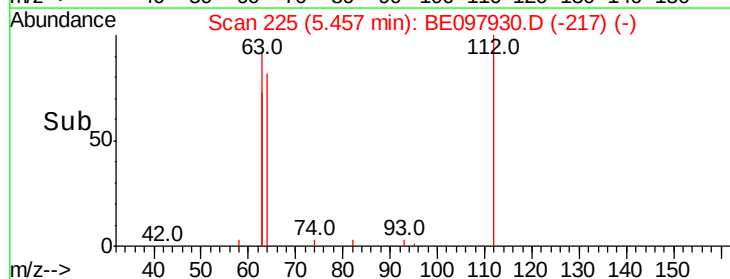
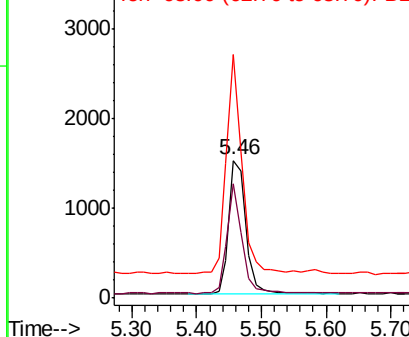
112 100

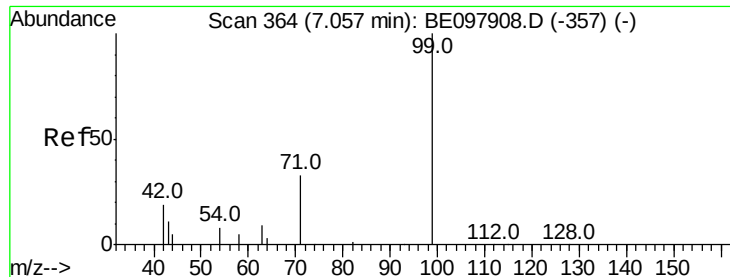
64 70.9 58.9 88.3

63 148.9 120.3 180.5



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: 0.422 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

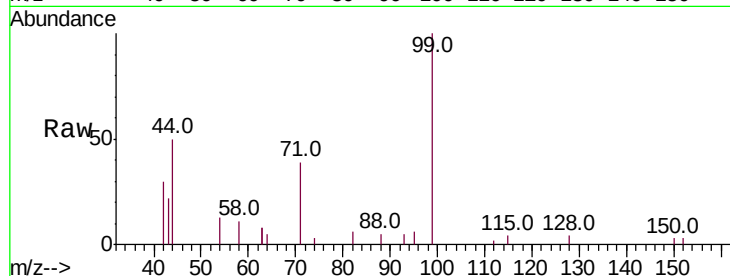
Tot Ion: 99 Resp: 4135

Ion Ratio Lower Upper

99 100

42 23.3 19.9 29.9

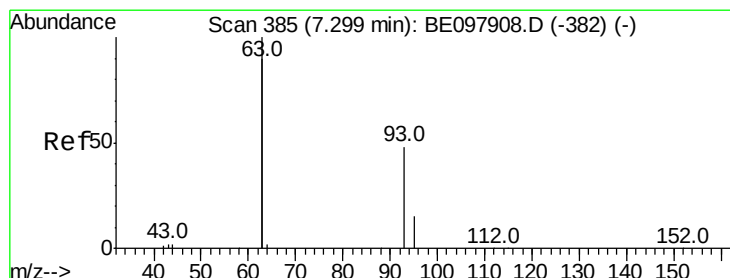
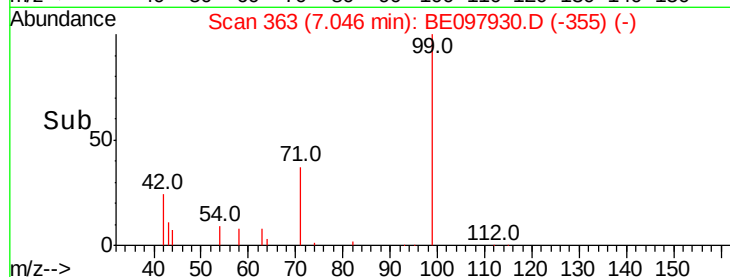
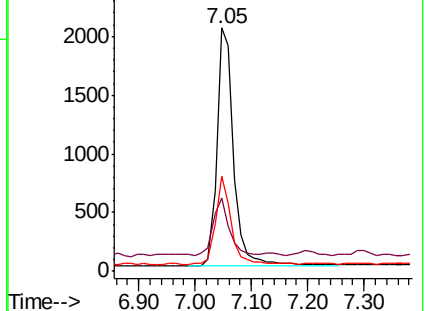
71 35.4 27.8 41.8



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: 0.426 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

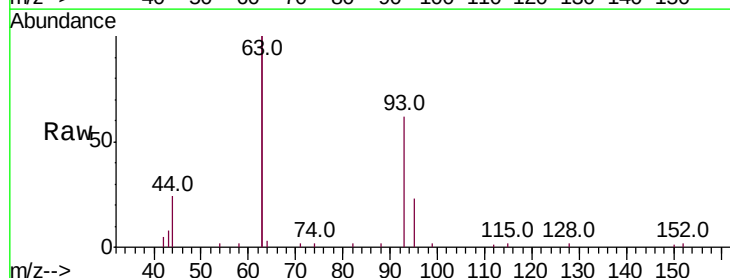
Tgt Ion: 93 Resp: 3546

Ion Ratio Lower Upper

93 100

63 332.4 259.0 388.4

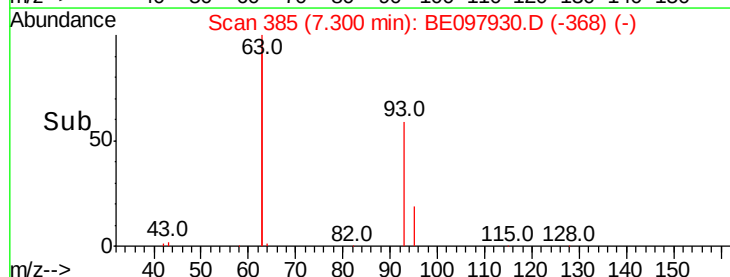
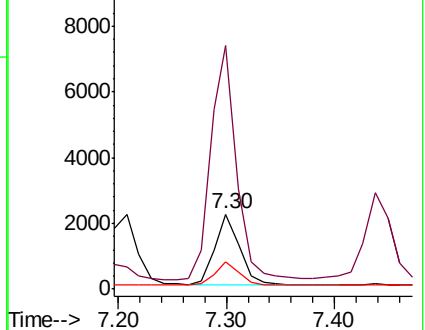
95 33.1 27.8 41.8

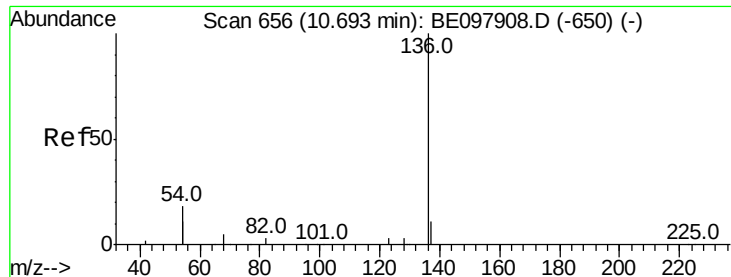


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9697

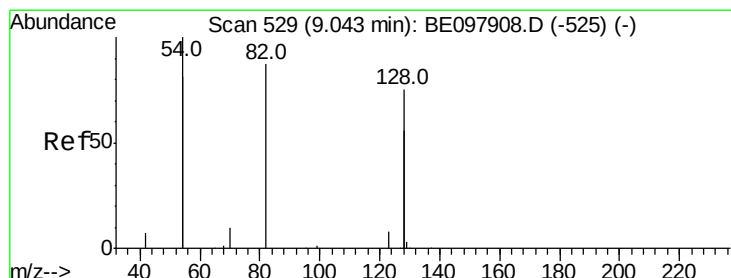
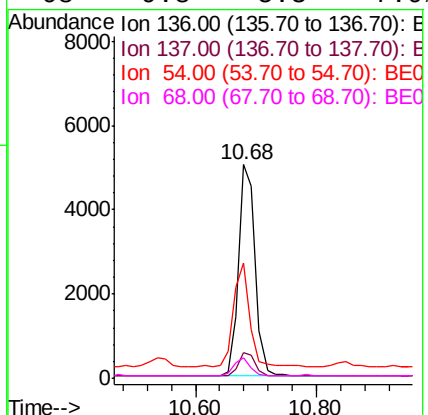
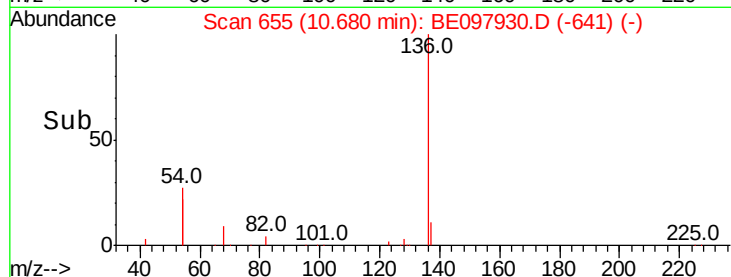
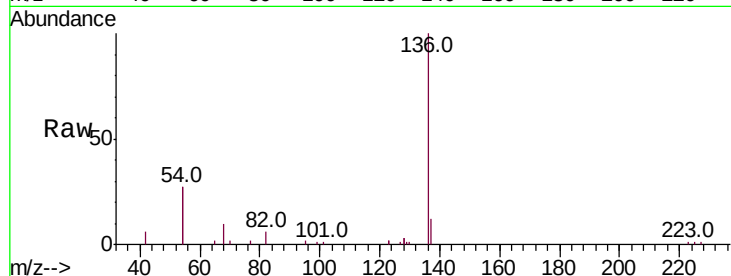
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 54.2 27.7 41.5#

68 9.8 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

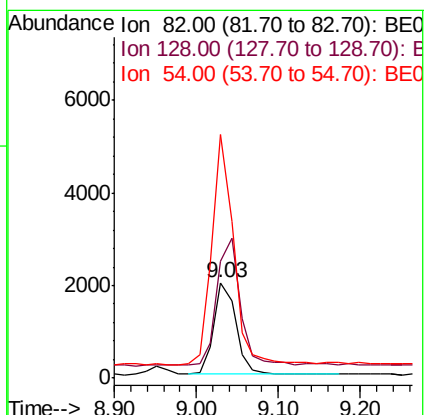
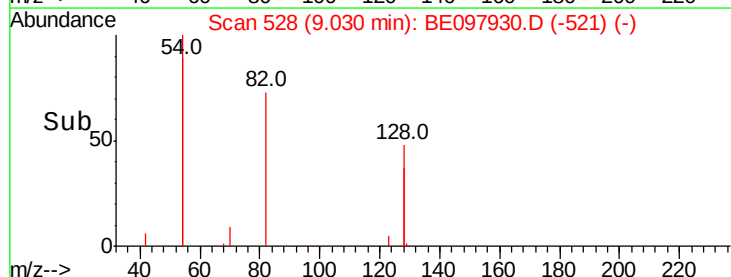
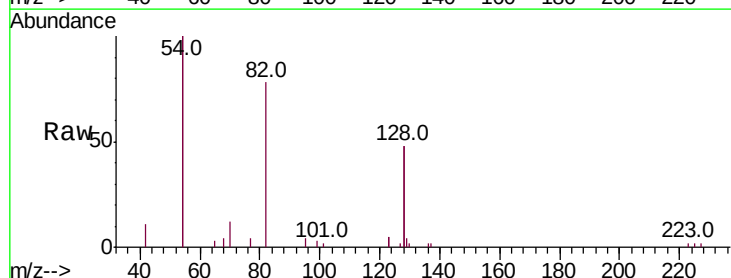
Tgt Ion: 82 Resp: 3809

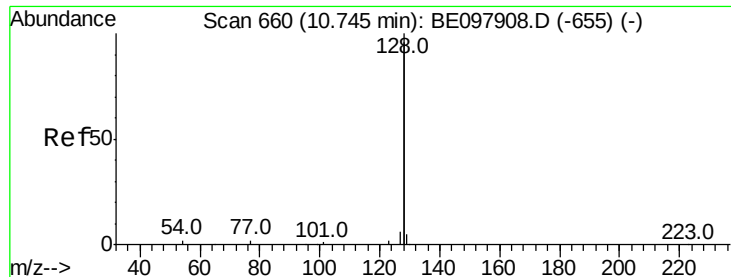
Ion Ratio Lower Upper

82 100

128 122.8 129.9 194.9#

54 255.5 174.0 261.0





#9

Naphthalene

Concen: 0.437 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

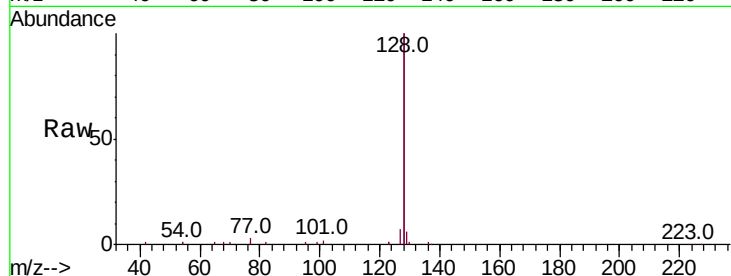
Tot Ion:128 Resp: 42147

Ion Ratio Lower Upper

128 100

129 2.8 2.5 3.7

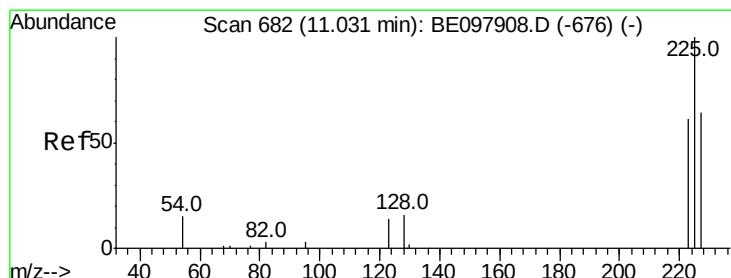
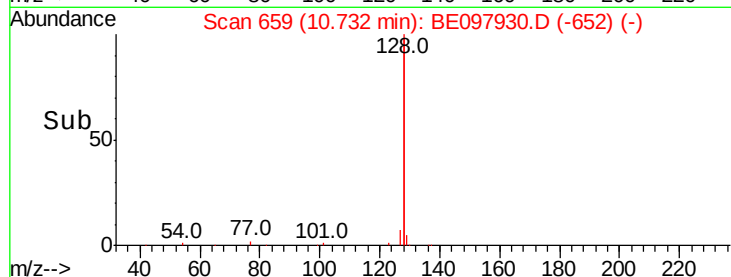
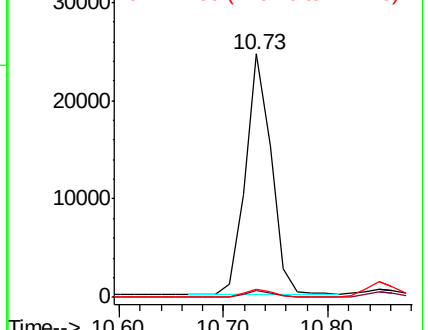
127 3.5 2.8 4.2



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: 0.427 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

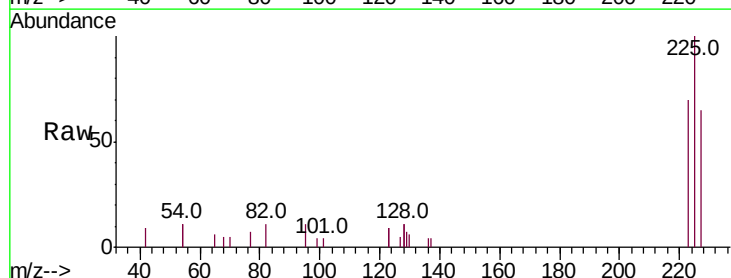
Tgt Ion:225 Resp: 2221

Ion Ratio Lower Upper

225 100

223 65.1 51.8 77.8

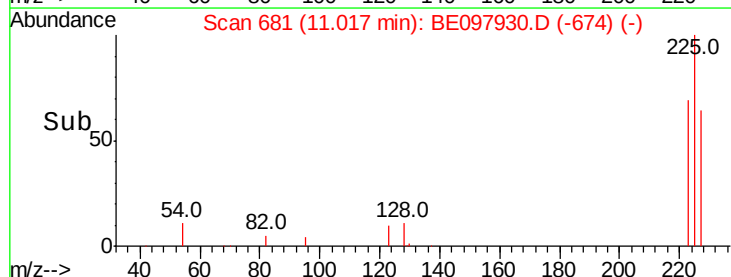
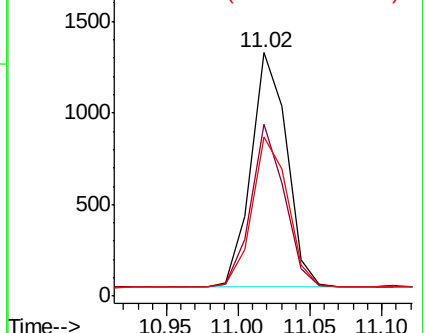
227 63.8 53.0 79.6

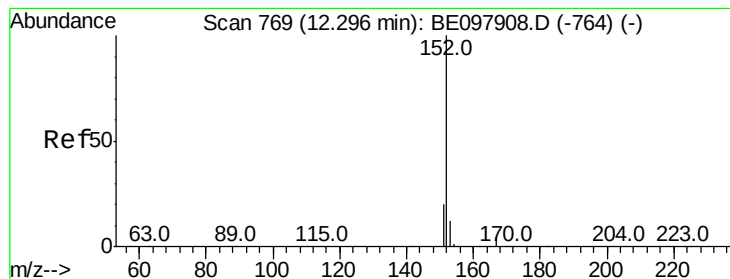


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

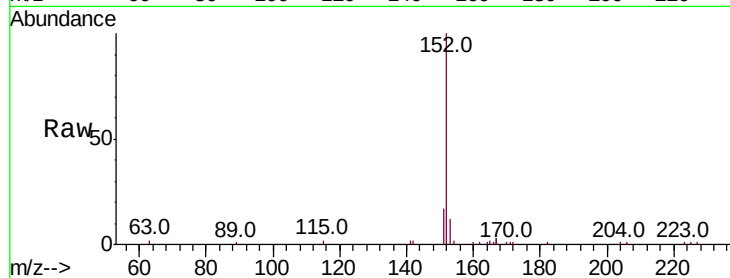
SSTDCCC0.4EC

Tot Ion:152 Resp: 7100

Ion Ratio Lower Upper

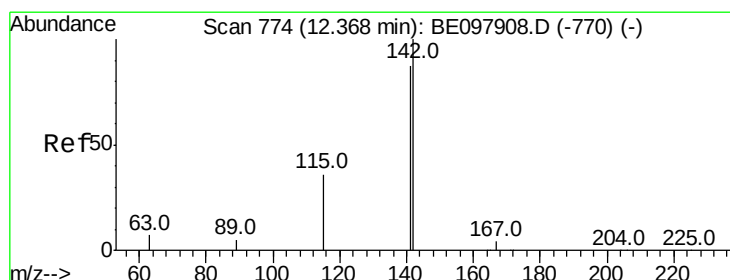
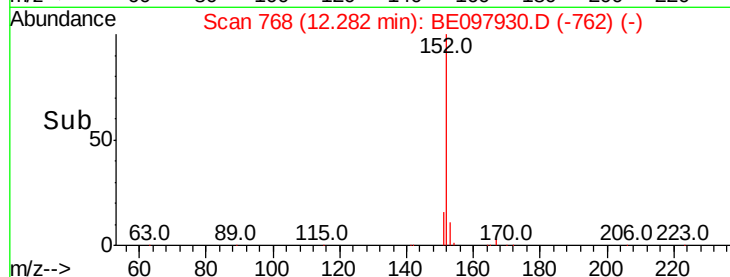
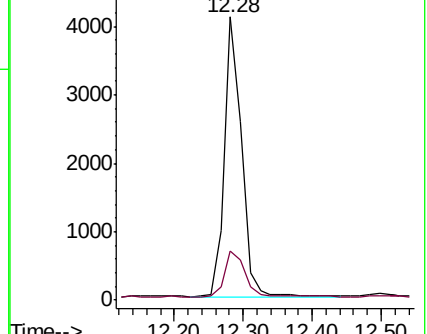
152 100

151 18.5 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: 0.438 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

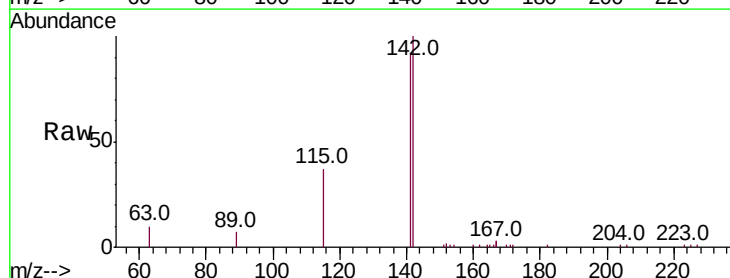
Tgt Ion:142 Resp: 7243

Ion Ratio Lower Upper

142 100

141 91.6 69.8 104.6

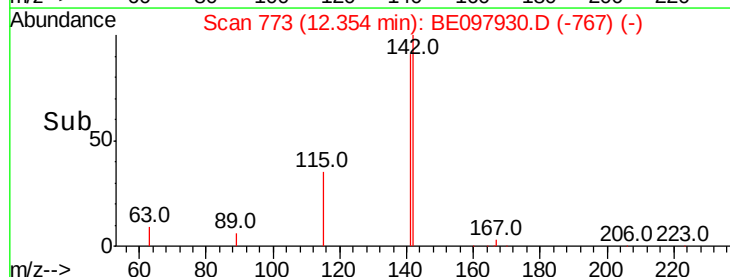
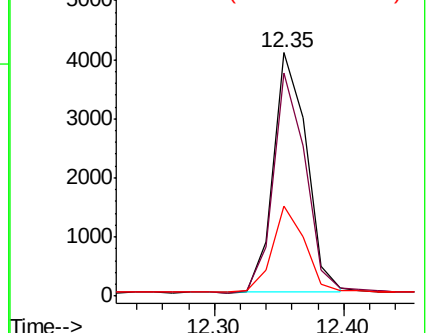
115 36.7 30.5 45.7

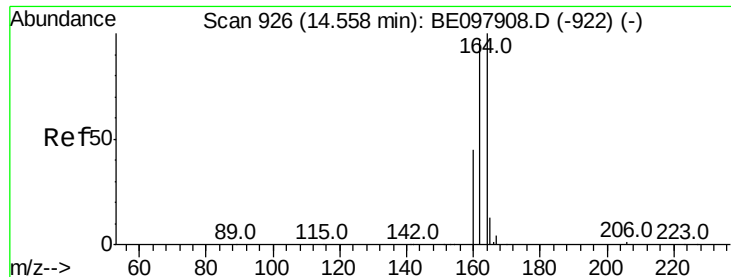


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

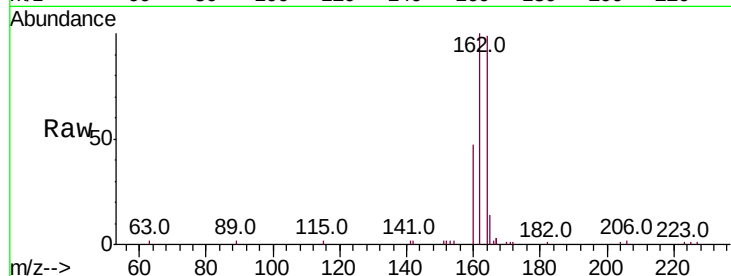




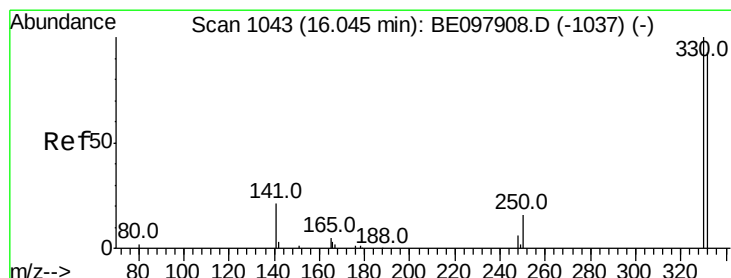
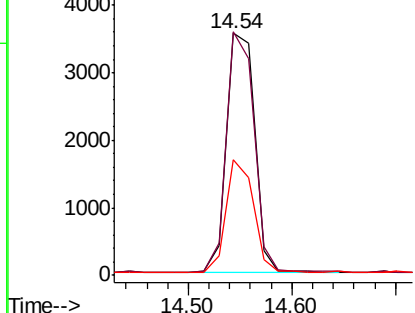
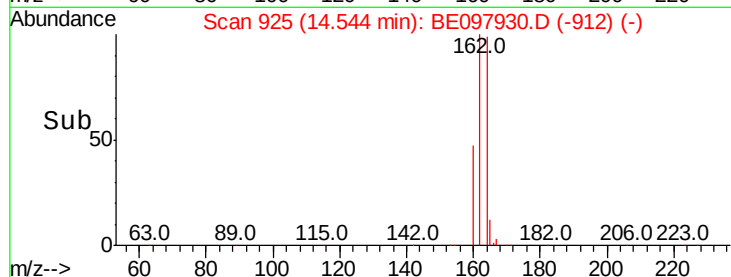
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 6626
 Ion Ratio Lower Upper
 164 100
 162 100.6 77.4 116.2
 160 47.6 36.5 54.7

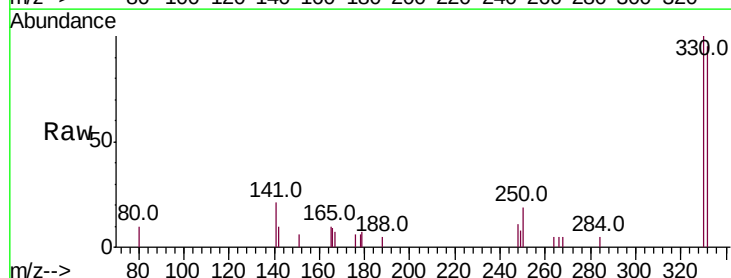


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

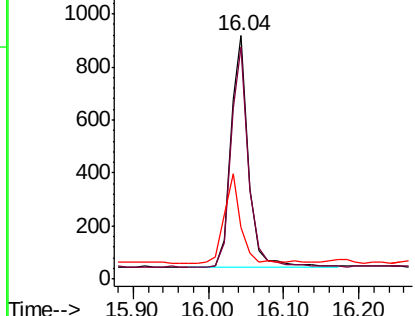
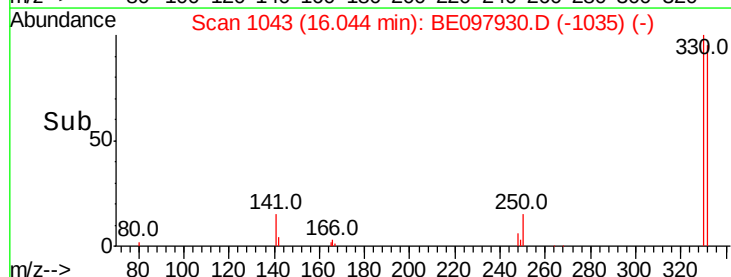


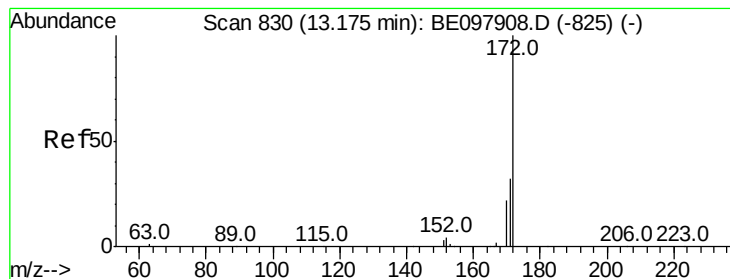
#14
 2,4,6-Tribromophenol
 Concen: 0.408 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

Tgt Ion:330 Resp: 1455
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.5 114.7
 141 36.6 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: 0.406 ng

RT: 13.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

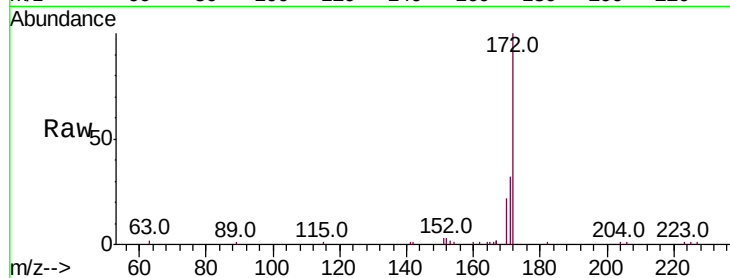
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:172 Resp: 10990

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.0	39.0
170	21.7	18.0	27.0

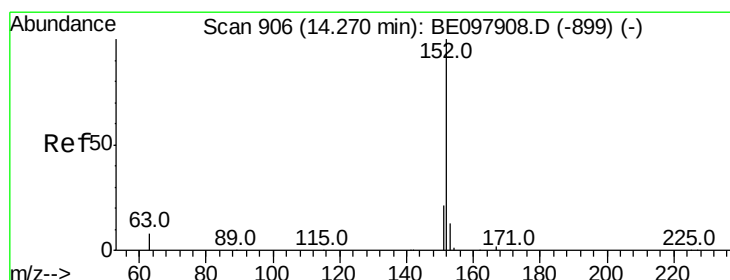
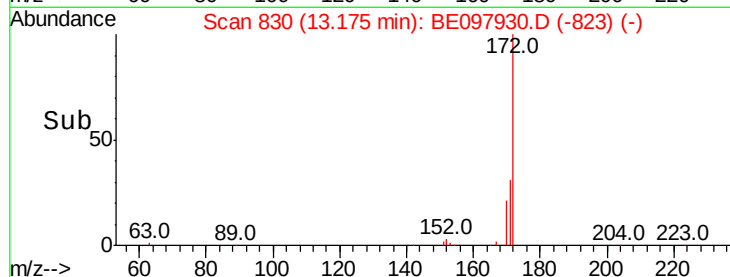
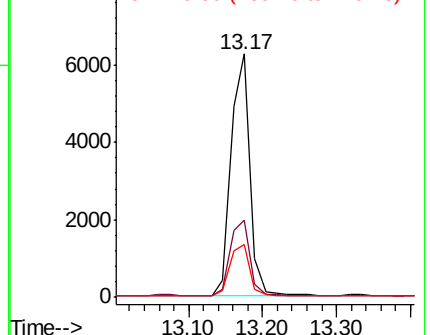


Abundance

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: 0.430 ng

RT: 14.27 min Scan# 906

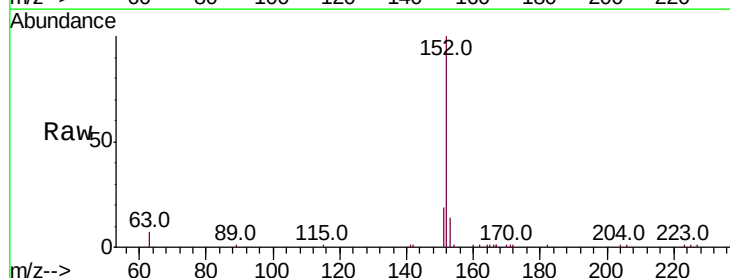
Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Tgt Ion:152 Resp: 13170

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	13.0	10.9	16.3

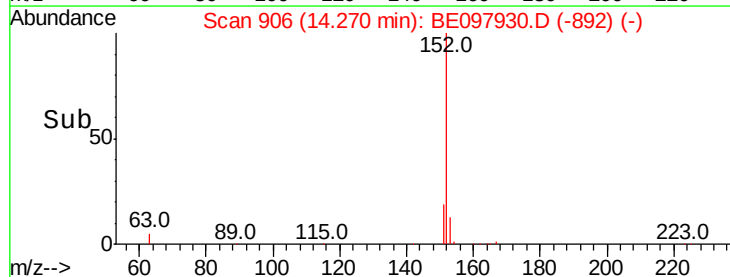
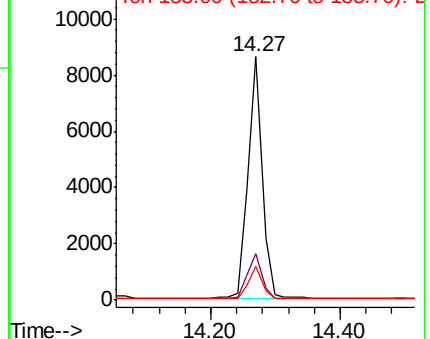


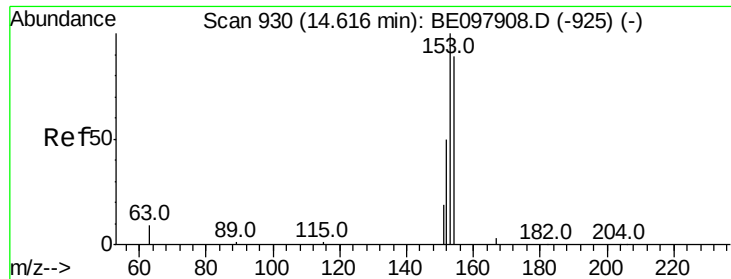
Abundance

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: 0.429 ng

RT: 14.62 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

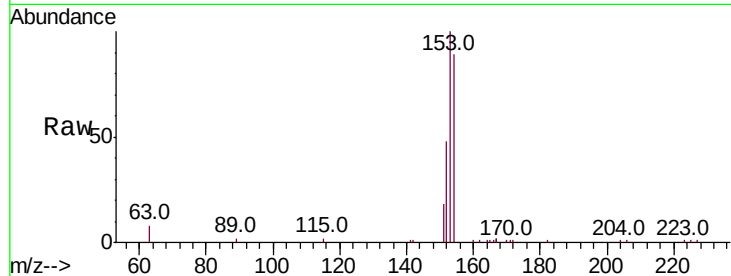
Tot Ion:154 Resp: 8019

Ion Ratio Lower Upper

154 100

153 114.8 92.6 139.0

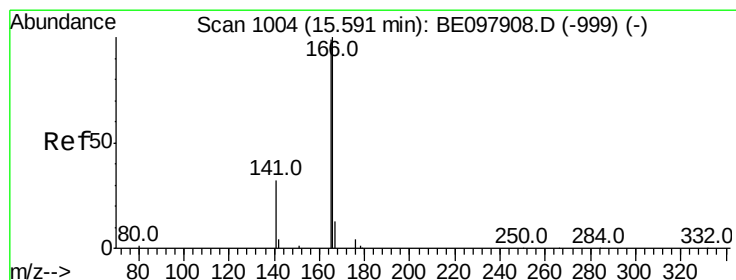
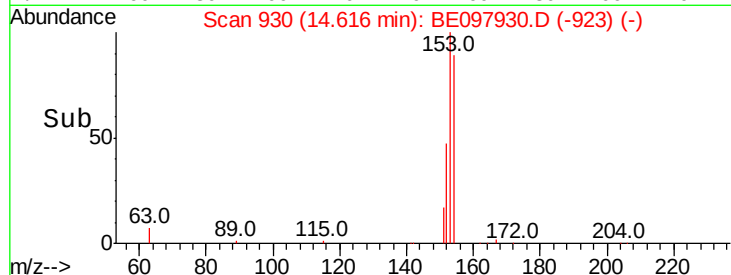
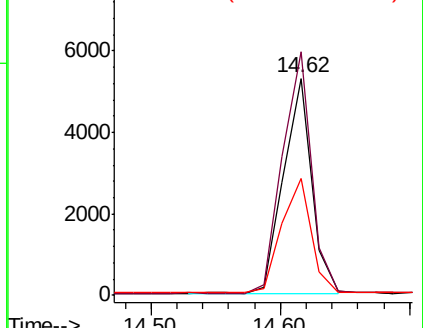
152 55.9 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.437 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

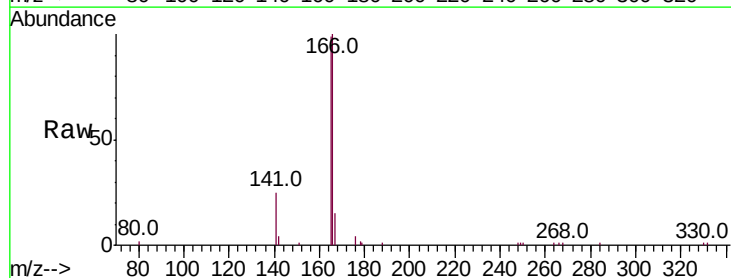
Tgt Ion:166 Resp: 11254

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

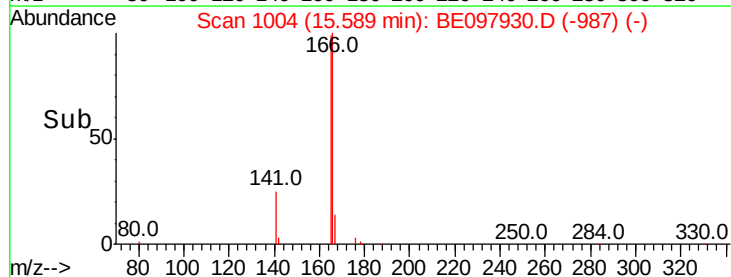
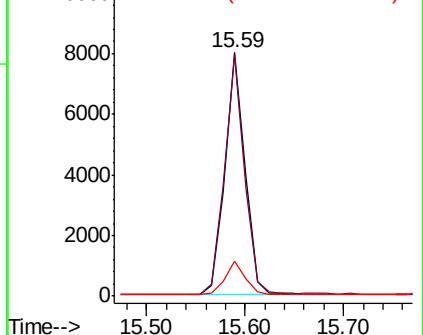
167 13.6 11.0 16.6

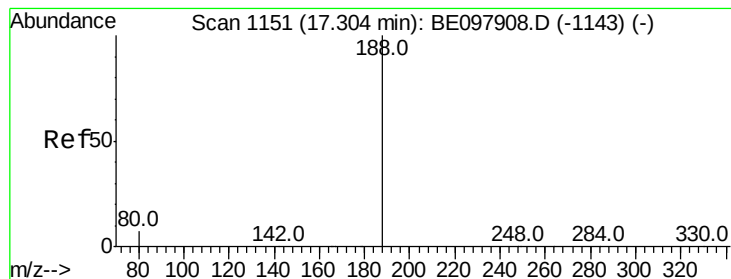


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

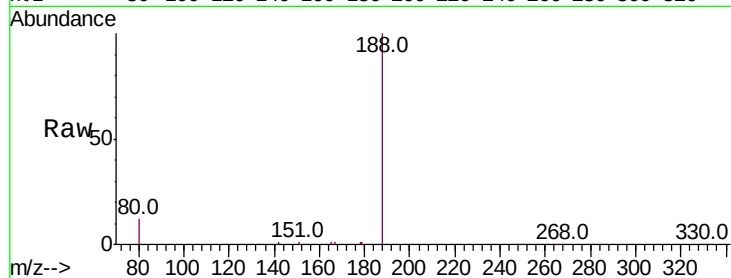
Tot Ion:188 Resp: 19097

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

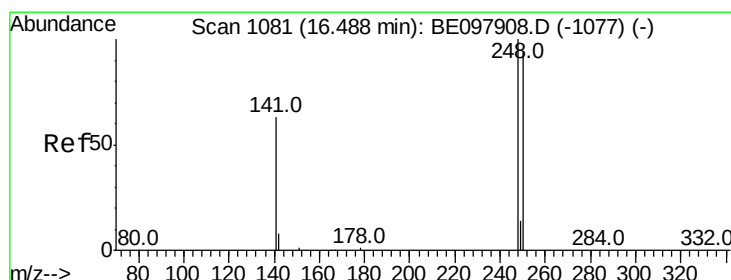
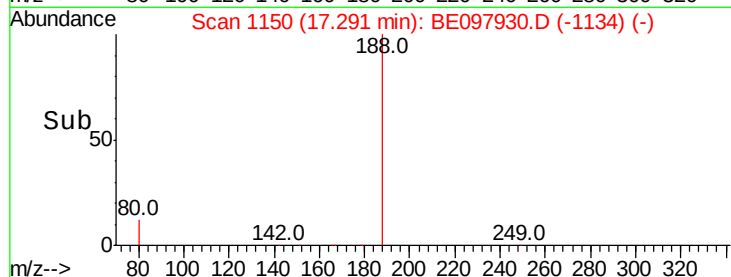
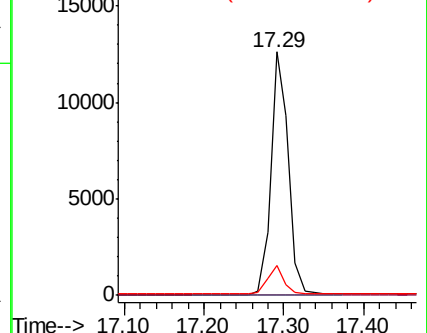
80 12.1 6.3 9.5#



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: 0.420 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

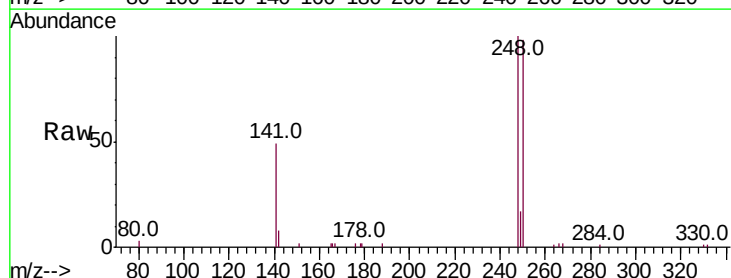
Tgt Ion:248 Resp: 4382

Ion Ratio Lower Upper

248 100

250 98.0 75.1 112.7

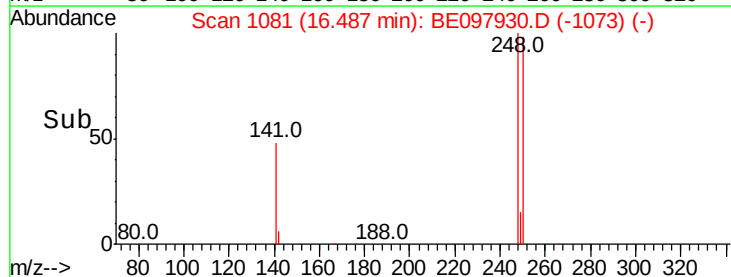
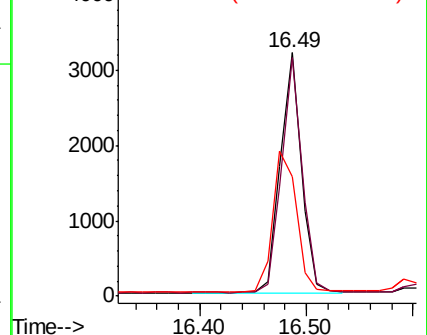
141 48.9 51.8 77.8#

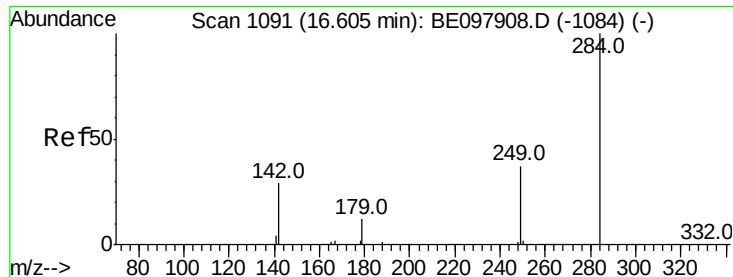


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.428 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

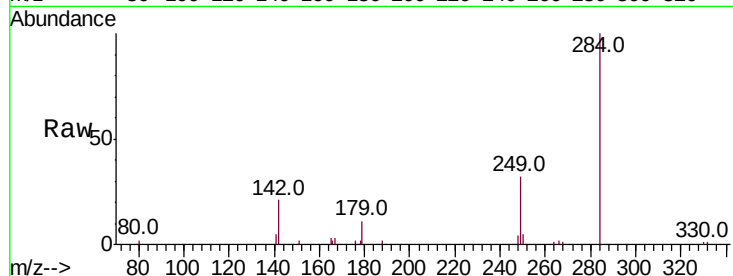
Tot Ion:284 Resp: 4392

Ion Ratio Lower Upper

284 100

142 31.5 25.9 38.9

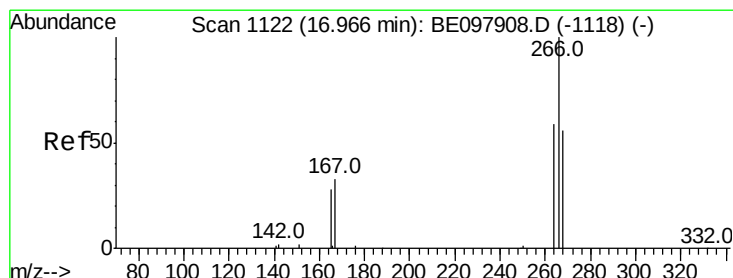
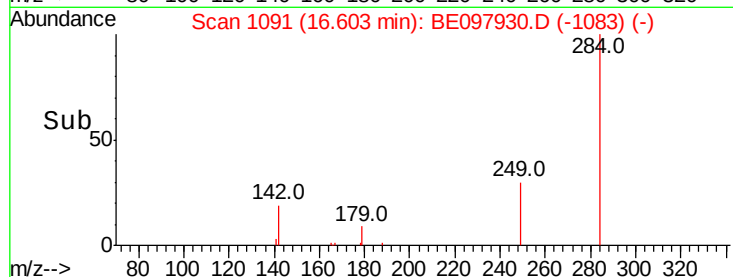
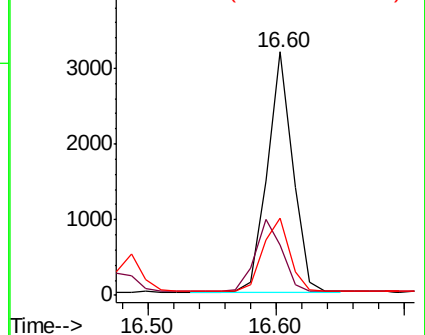
249 32.5 26.6 40.0



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: 0.452 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

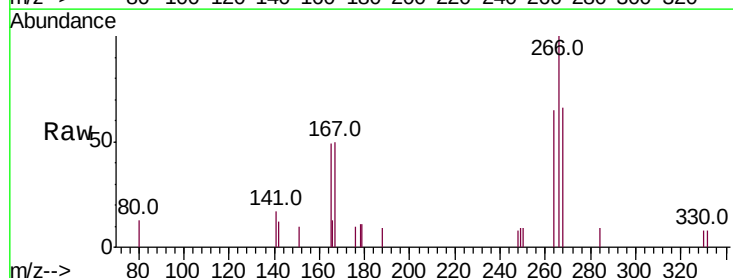
Tgt Ion:266 Resp: 1145

Ion Ratio Lower Upper

266 100

264 65.3 51.3 76.9

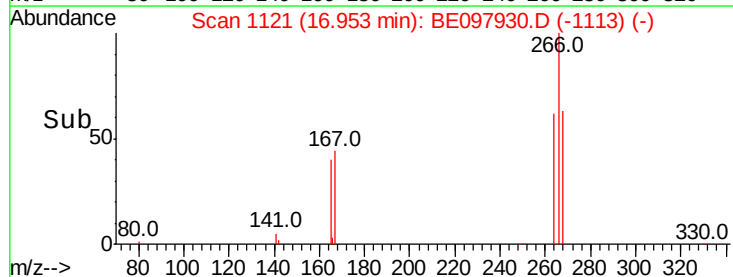
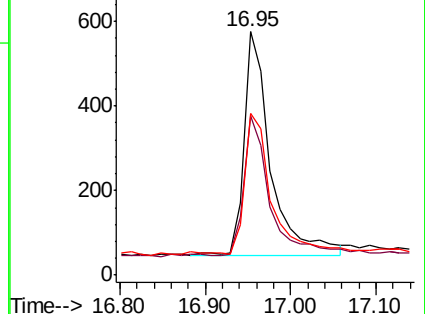
268 66.3 50.1 75.1

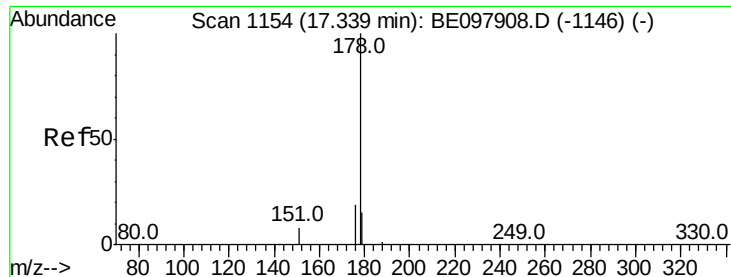


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.427 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

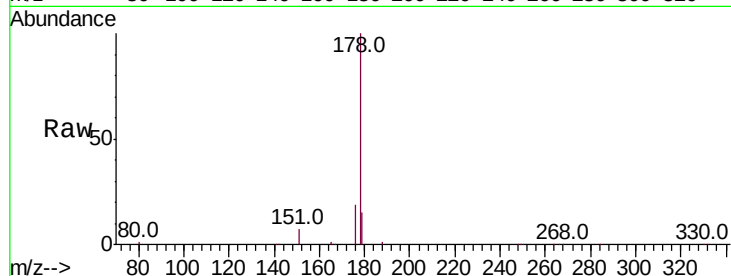
Tot Ion:178 Resp: 20721

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.2 12.2 18.4

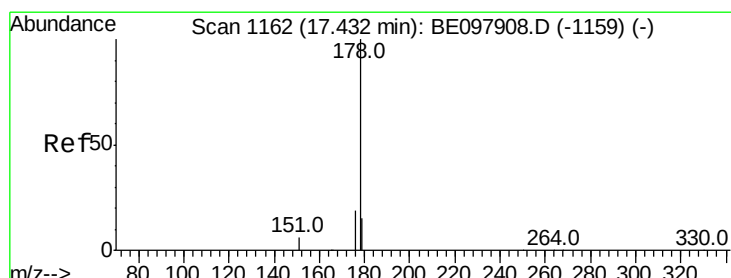
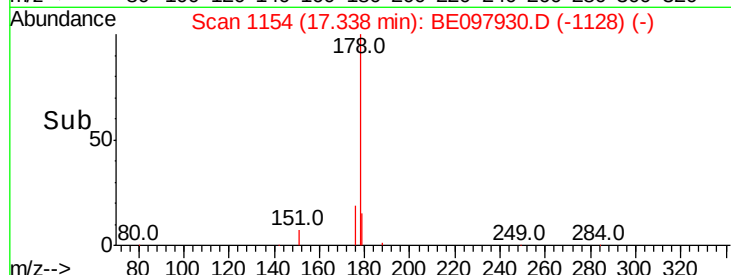
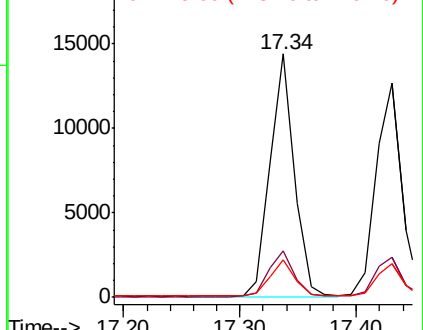


Abundance

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: 0.421 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

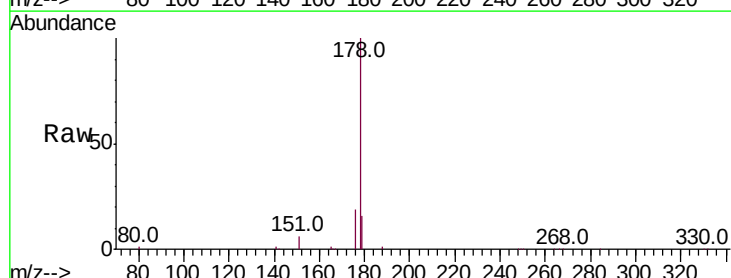
Tgt Ion:178 Resp: 19276

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.3 11.9 17.9

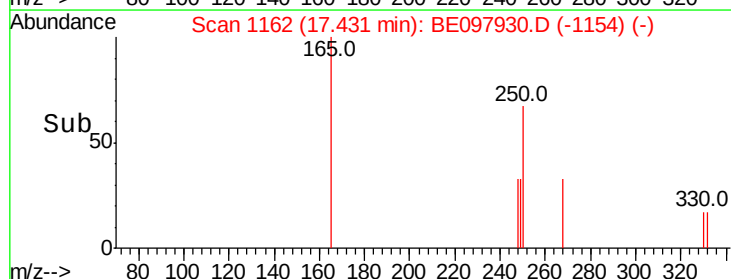
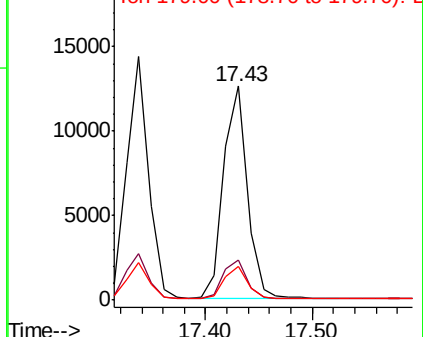


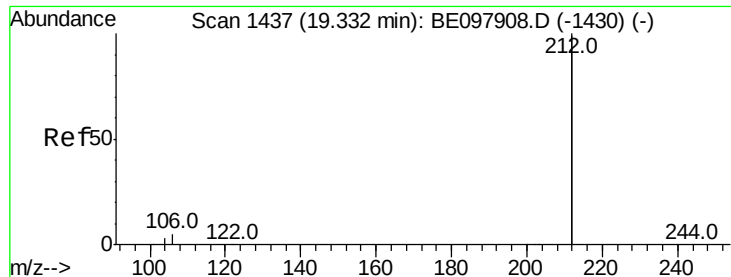
Abundance

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: 0.426 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

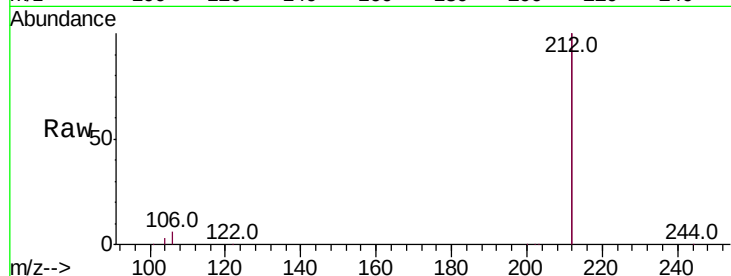
Tot Ion:212 Resp: 110185

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

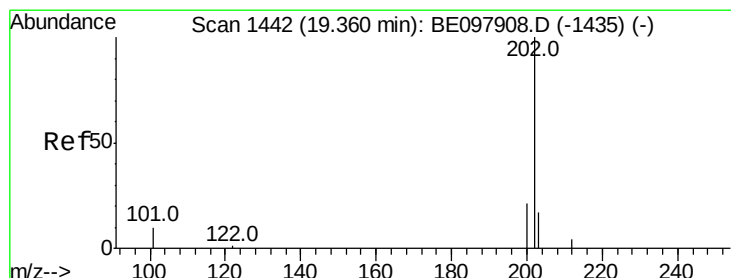
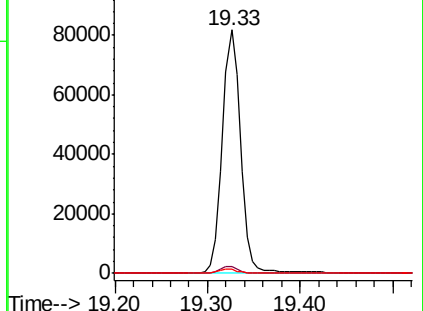
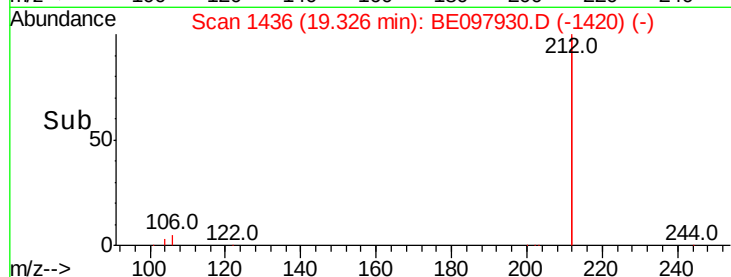
104 1.6 1.3 1.9



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: 0.430 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

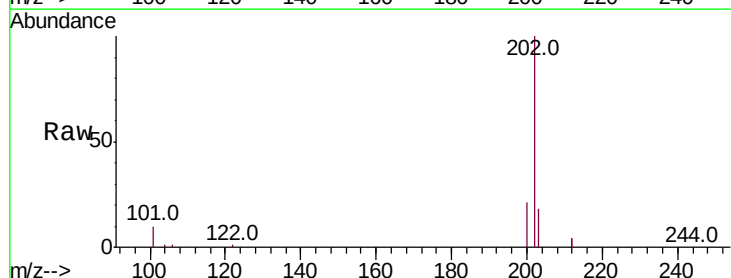
Tgt Ion:202 Resp: 27389

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

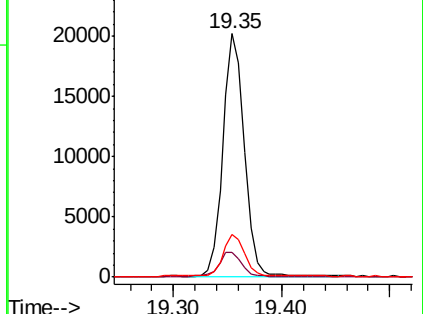
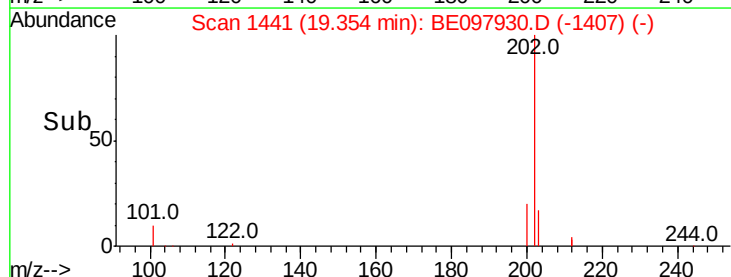
203 17.2 15.0 22.4

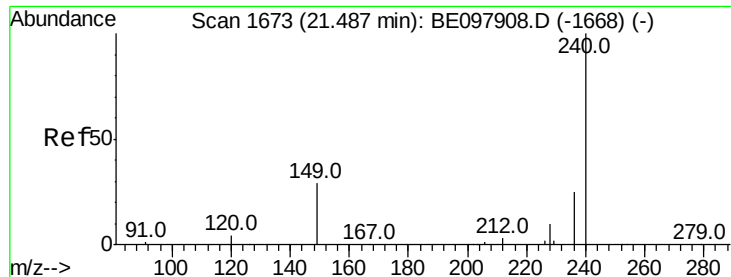


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

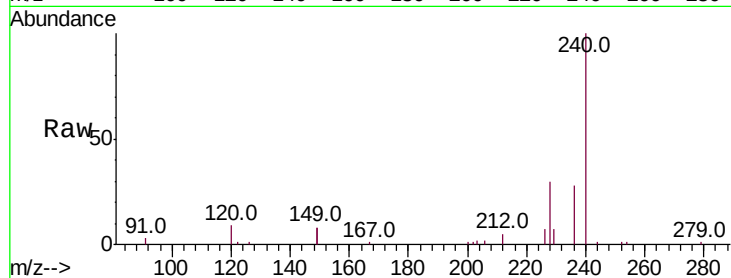
Tot Ion:240 Resp: 20448

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

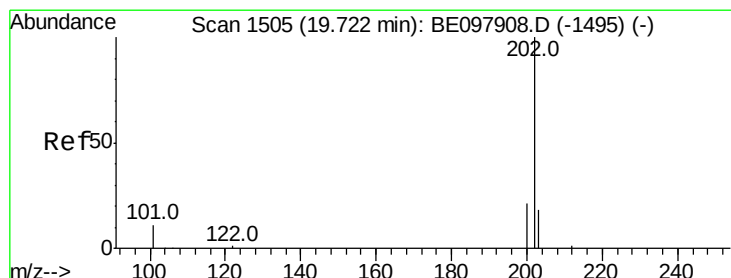
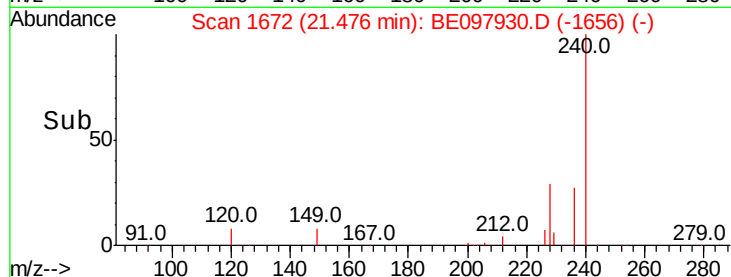
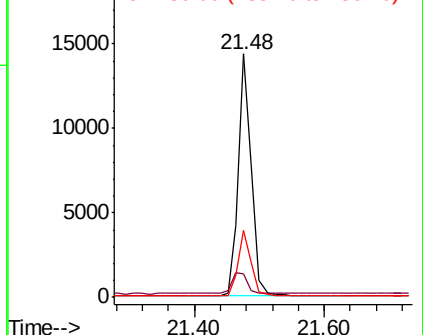
236 27.7 21.3 31.9



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: 0.494 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

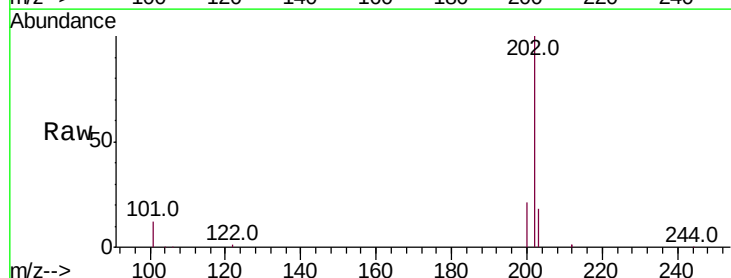
Tgt Ion:202 Resp: 29126

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

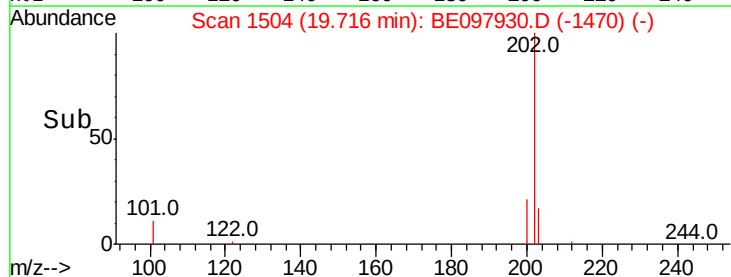
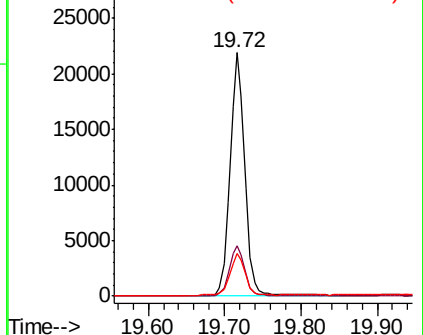
203 17.4 14.2 21.4

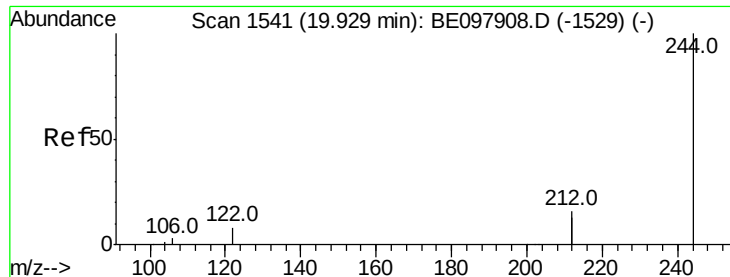


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

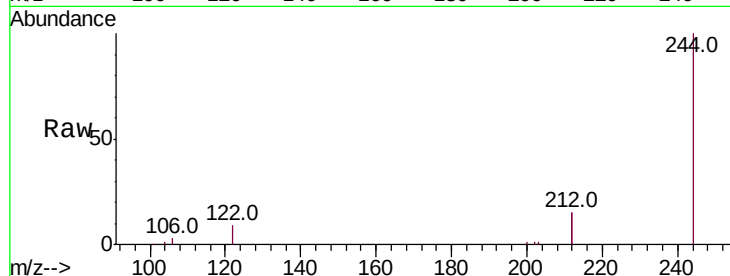
Tot Ion:244 Resp: 22262

Ion Ratio Lower Upper

244 100

212 30.3 26.2 39.2

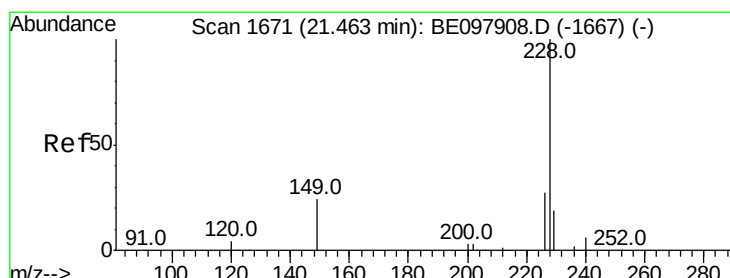
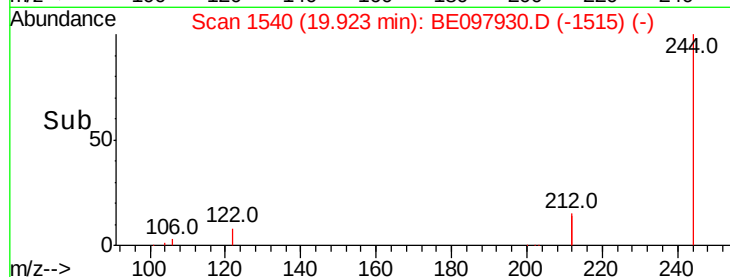
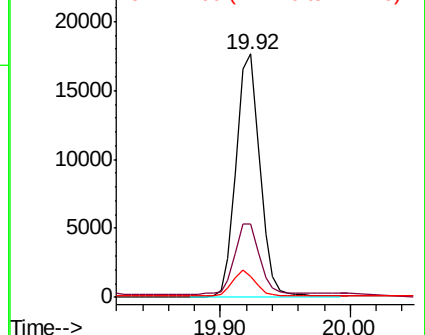
122 8.7 7.7 11.5



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: 0.422 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

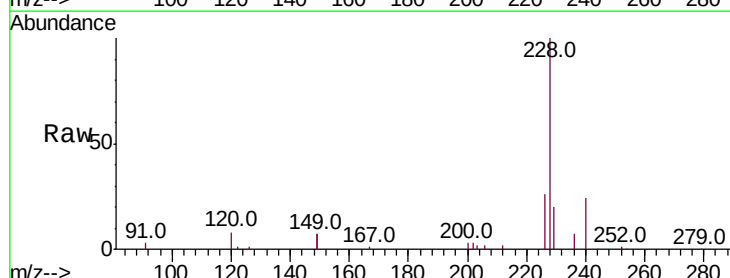
Tgt Ion:228 Resp: 26495

Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

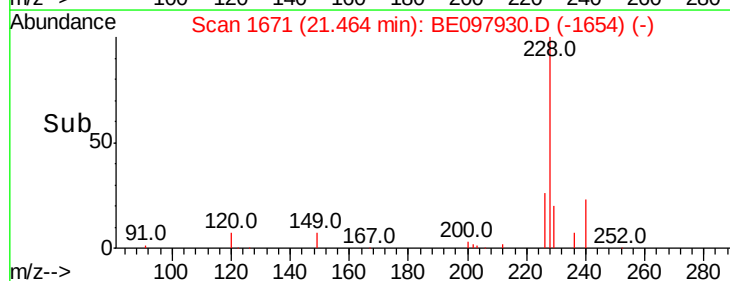
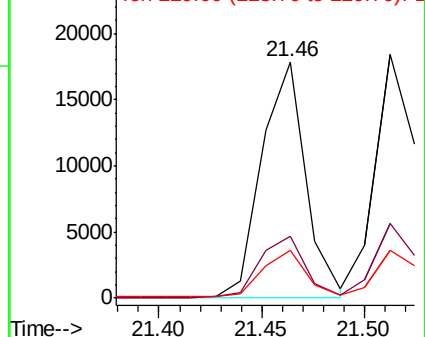
229 20.4 16.9 25.3

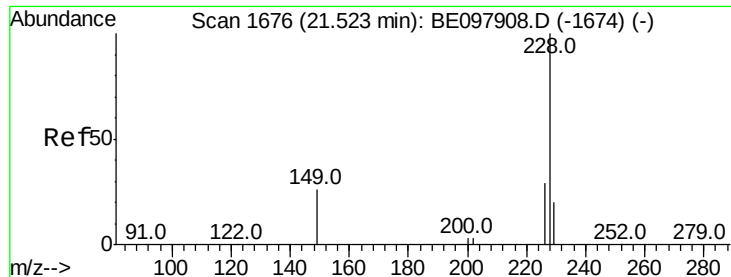


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.437 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

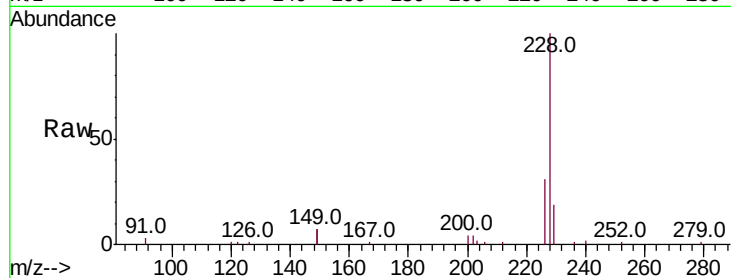
Tot Ion:228 Resp: 25974

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

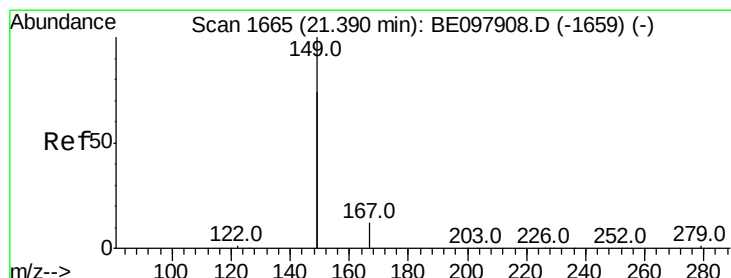
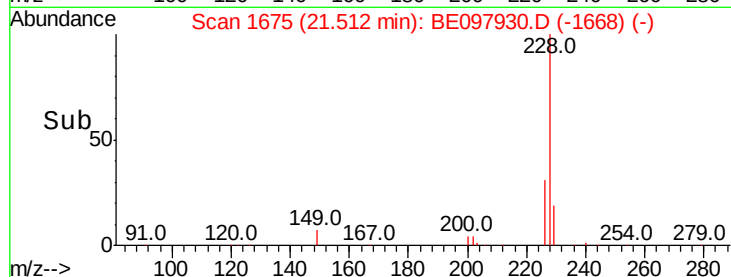
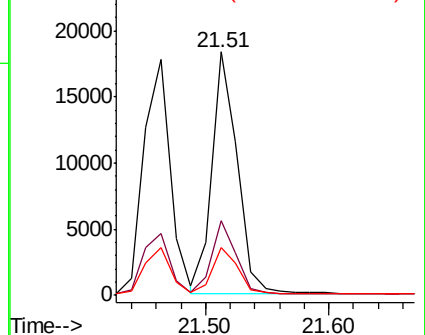
229 19.5 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.293 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

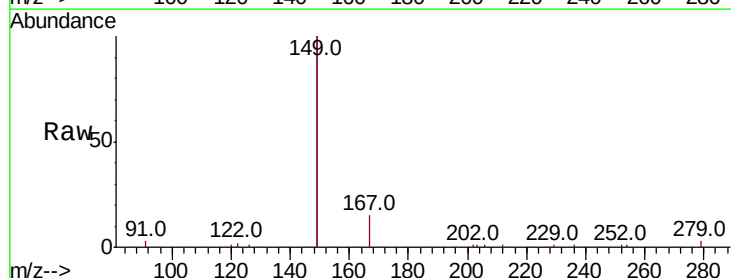
Tgt Ion:149 Resp: 47160

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

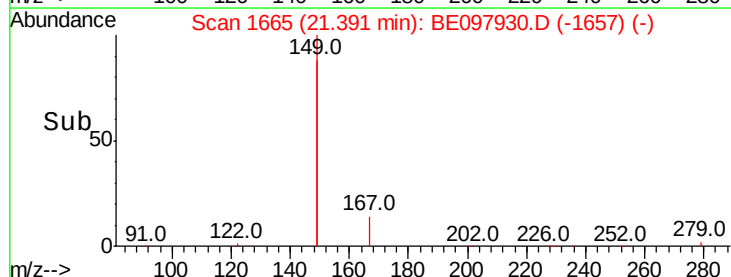
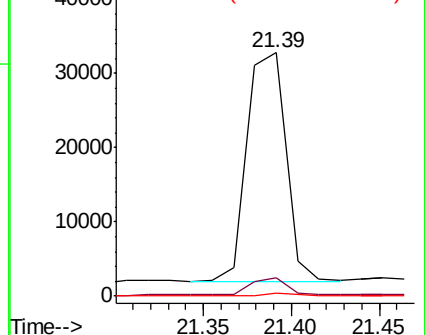
279 1.0 0.9 1.3

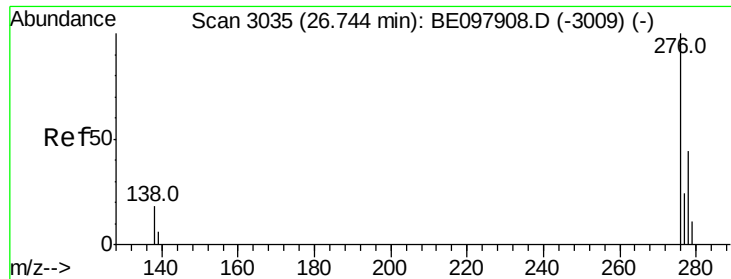


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

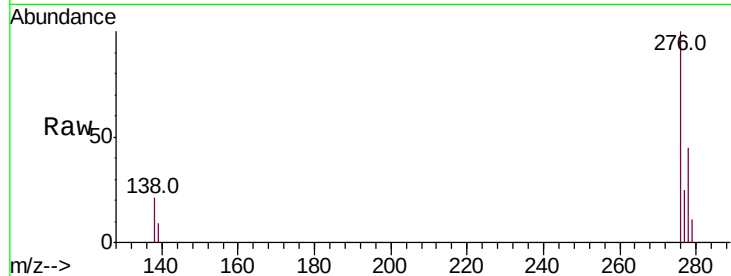




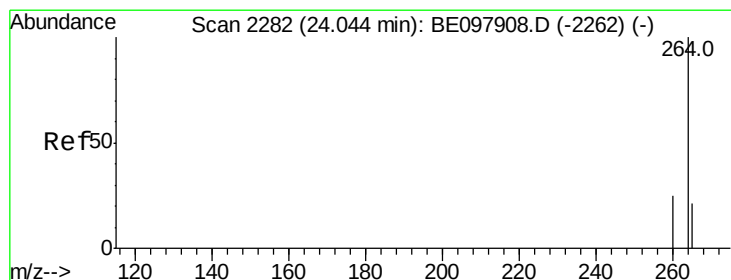
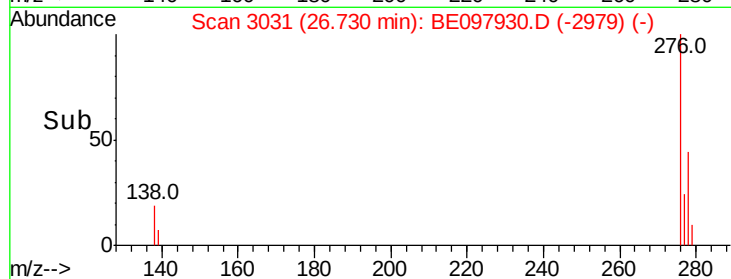
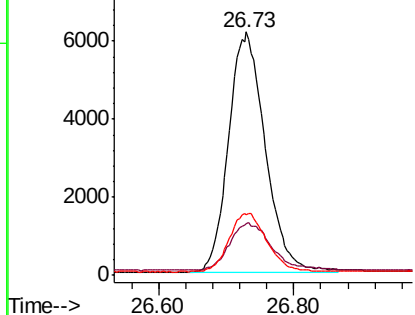
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.335 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 23201
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.0 25.6
 277 25.2 20.5 30.7

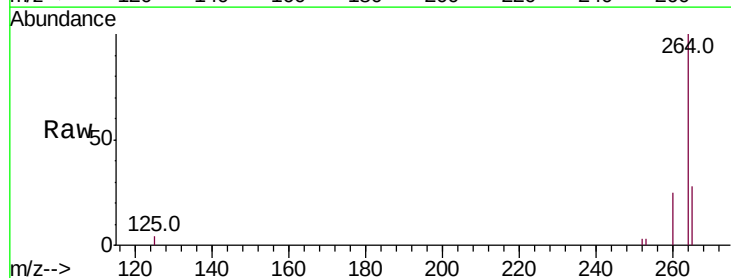


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

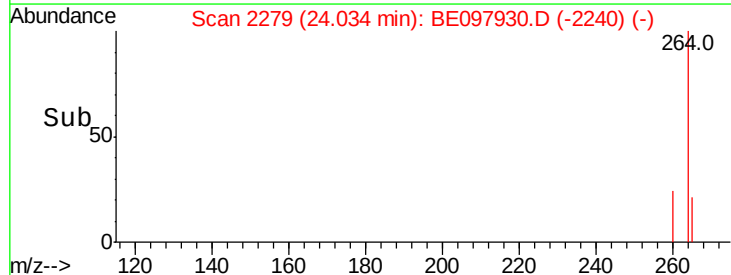
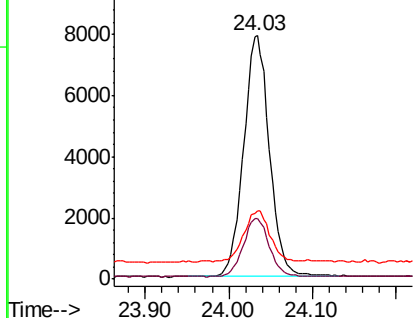


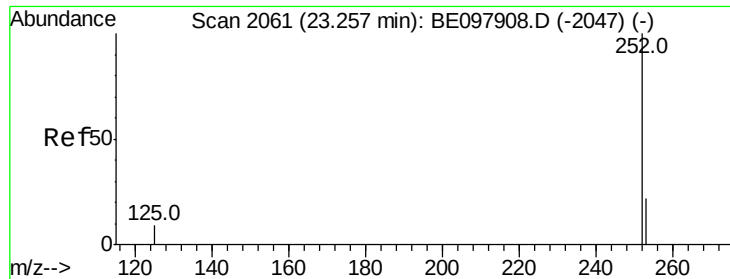
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097930.D
 Acq: 17 Oct 2018 3:28

Tgt Ion:264 Resp: 16840
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.1 31.7
 265 28.1 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: 0.420 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

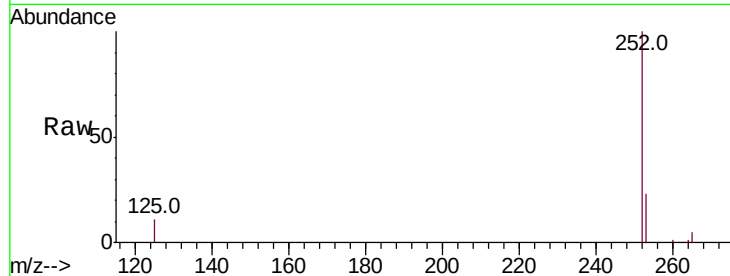
Tot Ion:252 Resp: 20351

Ion Ratio Lower Upper

252 100

253 23.4 20.6 31.0

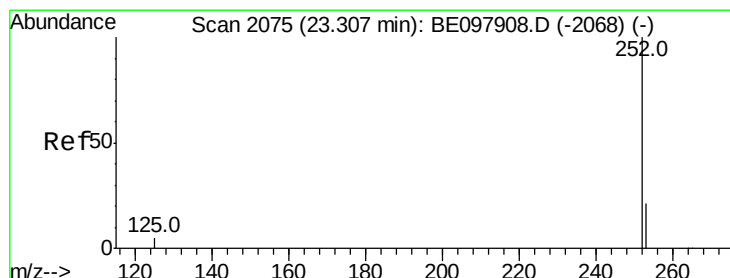
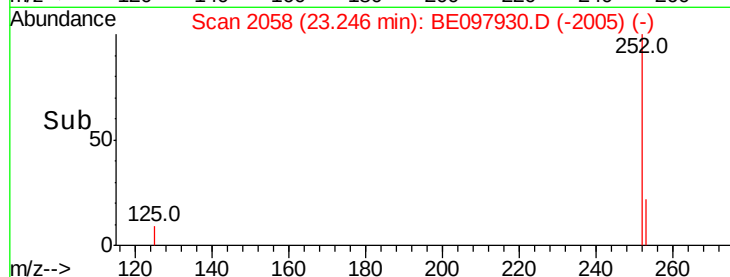
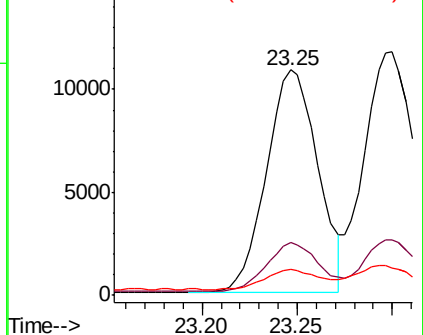
125 11.3 14.3 21.5#



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: 0.448 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097930.D

Acq: 17 Oct 2018 3:28

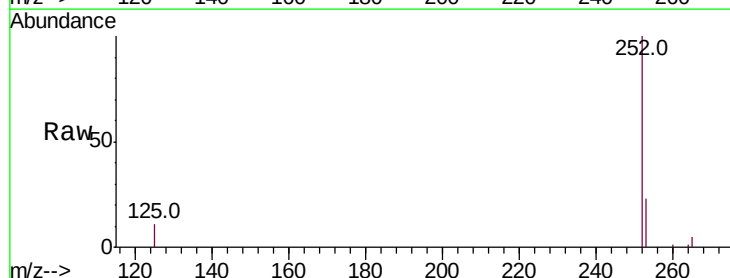
Tgt Ion:252 Resp: 22604

Ion Ratio Lower Upper

252 100

253 23.0 20.4 30.6

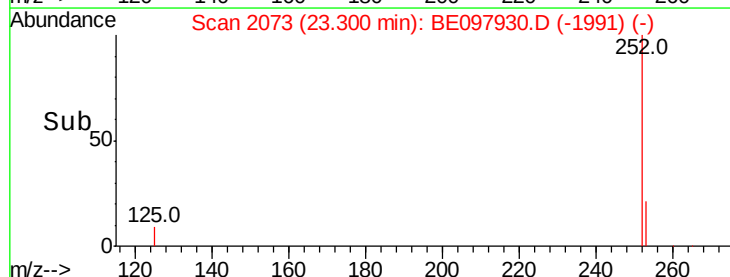
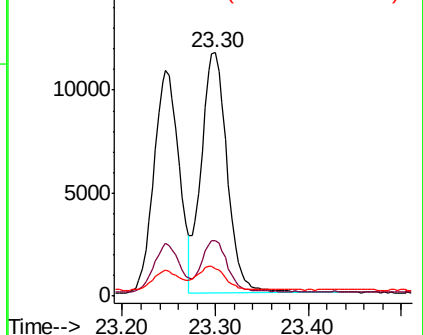
125 11.1 14.6 21.8#

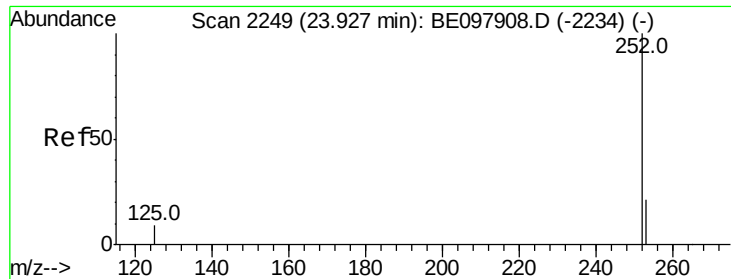


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

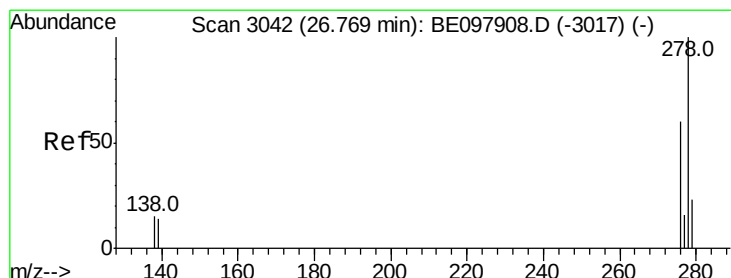
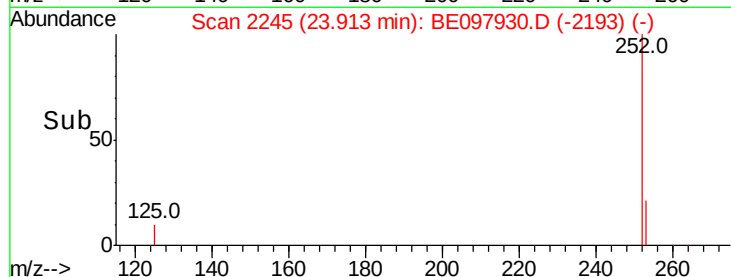
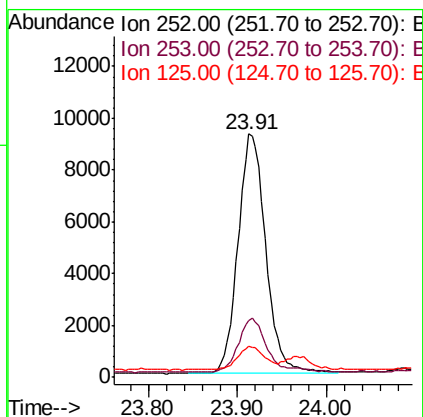
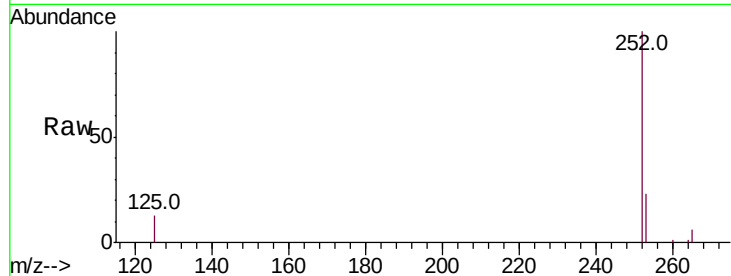




#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097930.D
Acq: 17 Oct 2018 3:28

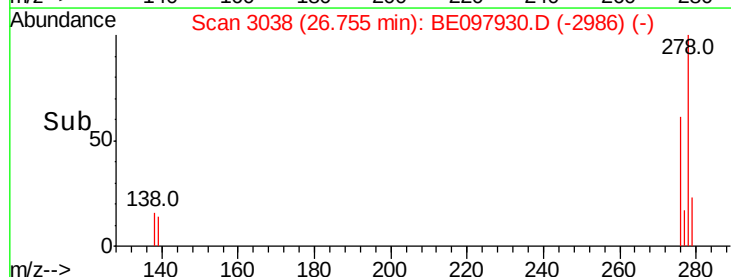
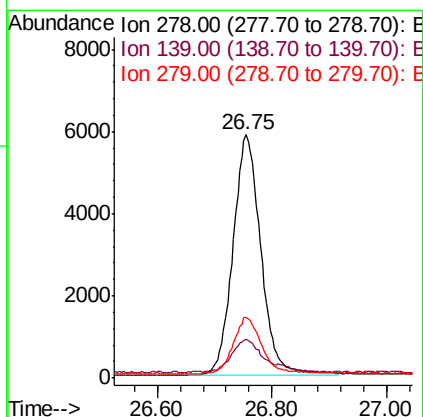
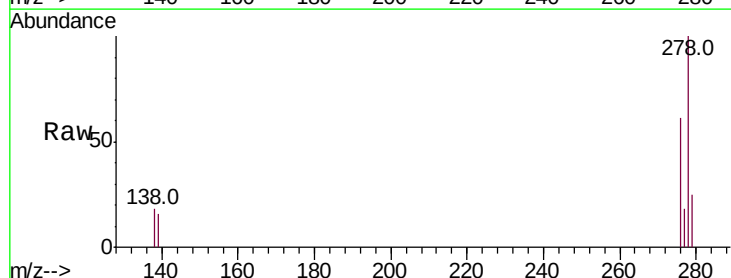
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

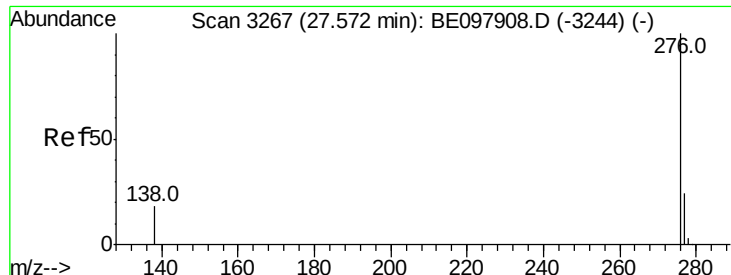
Tot Ion:252 Resp: 20069
Ion Ratio Lower Upper
252 100
253 23.1 20.6 31.0
125 12.5 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.427 ng
RT: 26.75 min Scan# 3038
Delta R.T. -0.01 min
Lab File: BE097930.D
Acq: 17 Oct 2018 3:28

Tgt Ion:278 Resp: 19753
Ion Ratio Lower Upper
278 100
139 15.7 16.3 24.5#
279 24.7 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.414 ng

RT: 27.56 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BE097930.D

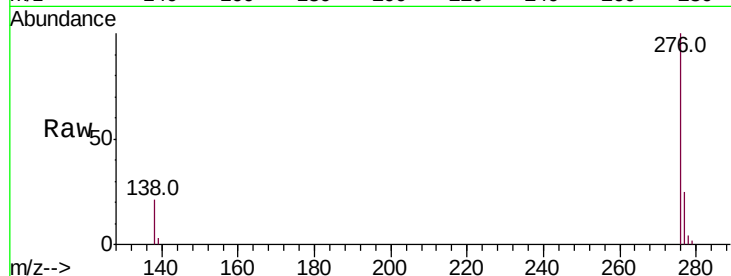
Acq: 17 Oct 2018 3:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 19600

Ion Ratio Lower Upper

276 100

277 24.7 22.1 33.1

138 20.5 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

