

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097628.D
 Acq On : 22 Sep 2018 1:56
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 22 04:10:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	681	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3515	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2447	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7696	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8324	0.40	ng	0.00
34) Perylene-d12	23.21	264	8186	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	728	0.36	ng	0.00
5) Phenol-d6	6.62	99	821	0.31	ng	0.01
8) Nitrobenzene-d5	8.54	82	874	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	1973	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	390	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3162	0.37	ng	0.01
25) Fluoranthene-d10	18.80	212	31890	0.32	ng	0.00
29) Terphenyl-d14	19.42	244	6288	0.41	ng	0.00

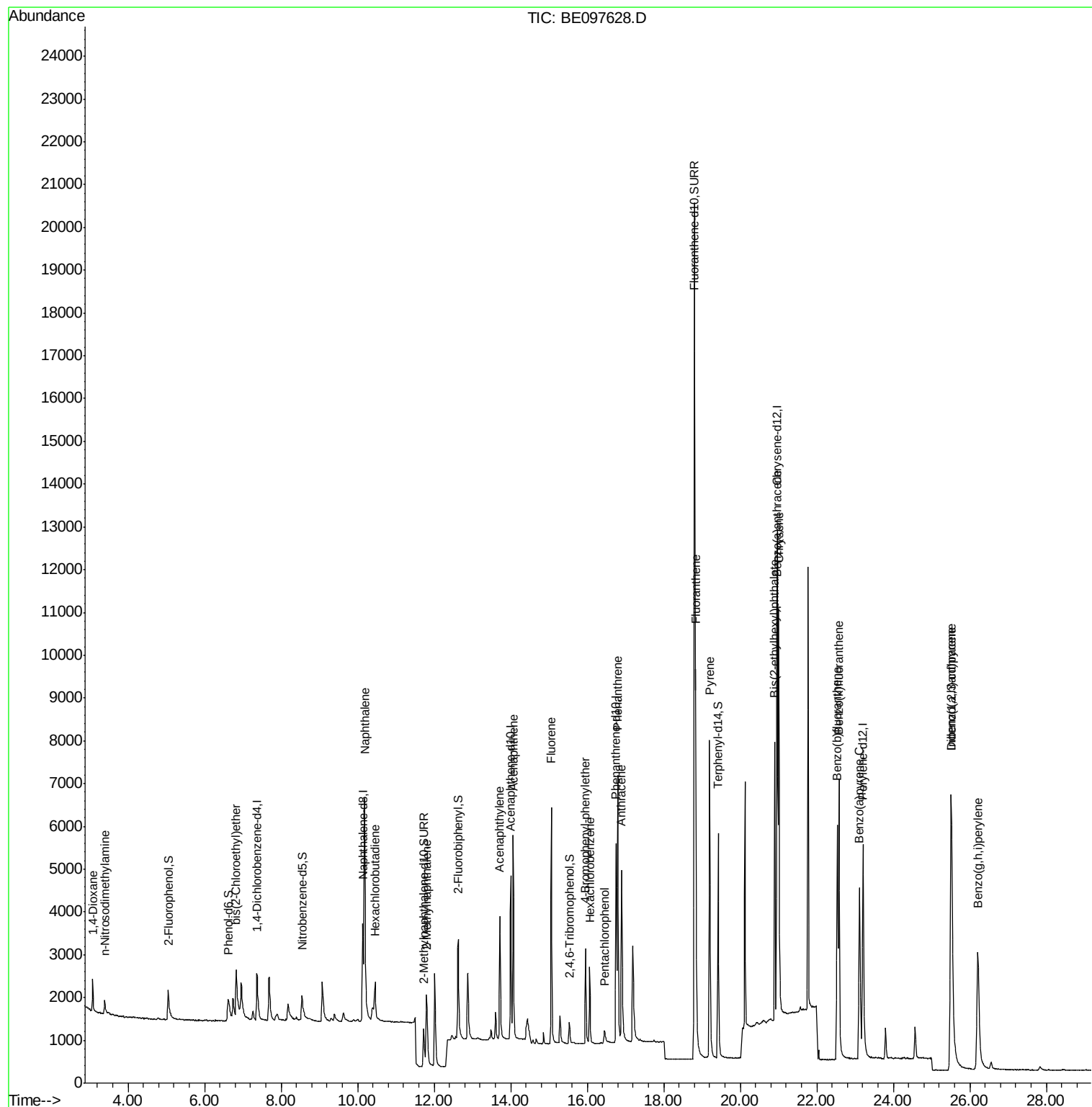
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	472	0.407	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	259	0.267	ng	# 75
6) bis(2-Chloroethyl)ether	6.83	93	875	0.362	ng	72
9) Naphthalene	10.18	128	12373	0.391	ng	98
10) Hexachlorobutadiene	10.46	225	578	0.396	ng	96
12) 2-Methylnaphthalene	11.80	142	2035	0.412	ng	99
16) Acenaphthylene	13.71	152	3808	0.394	ng	100
17) Acenaphthene	14.06	154	2599	0.401	ng	97
18) Fluorene	15.06	166	3563	0.421	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1348	0.389	ng	# 84
21) Hexachlorobenzene	16.07	284	1545	0.405	ng	# 85
22) Pentachlorophenol	16.45	266	283	0.295	ng	# 81
23) Phenanthrene	16.80	178	7043	0.385	ng	98
24) Anthracene	16.89	178	5807	0.360	ng	96
26) Fluoranthene	18.83	202	8385	0.331	ng	99
28) Pyrene	19.20	202	8472	0.447	ng	100
30) Benzo(a)anthracene	20.96	228	7193	0.343	ng	97
31) Chrysene	21.00	228	9292	0.413	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	9476	0.280	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	10567	0.390	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7577	0.361	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9871	0.412	ng	94
37) Benzo(a)pyrene	23.11	252	7948	0.391	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	8563	0.389	ng	96
39) Benzo(g,h,i)perylene	26.21	276	8350	0.390	ng	# 89

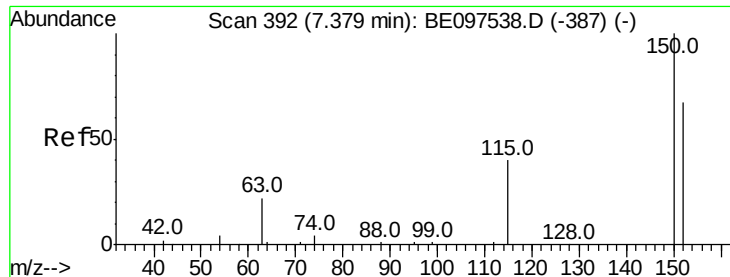
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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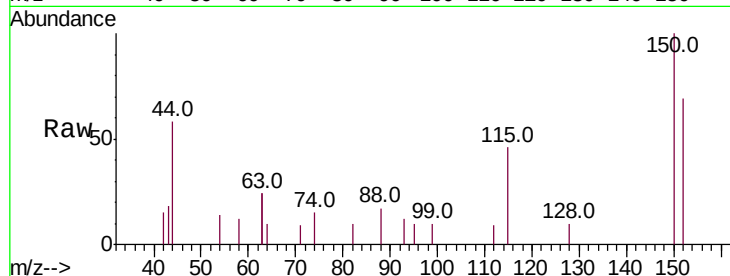


#1

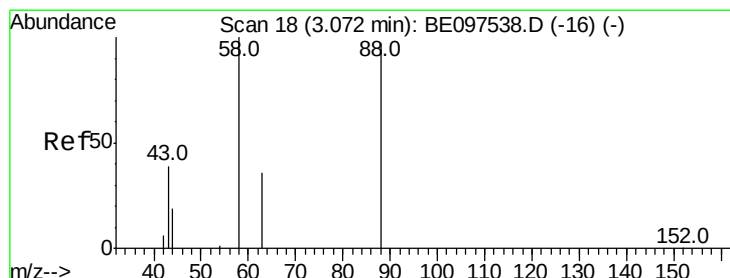
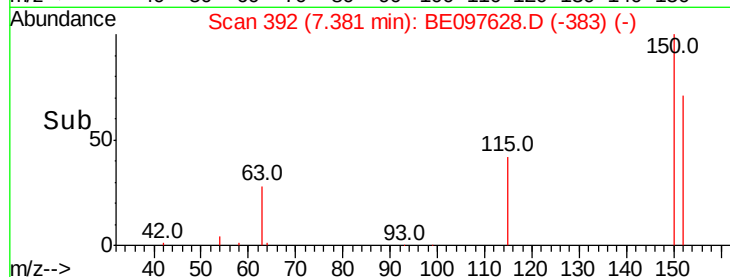
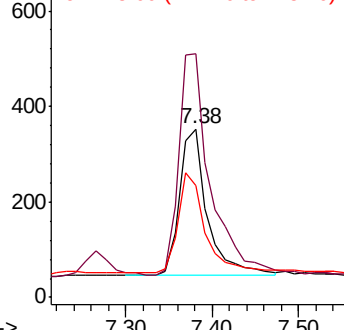
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
150 144.5 117.2 175.8
115 66.0 57.0 85.6



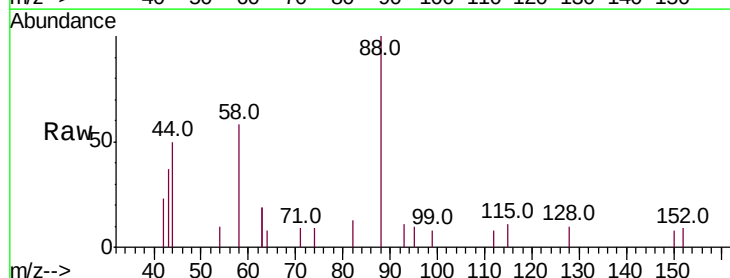
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



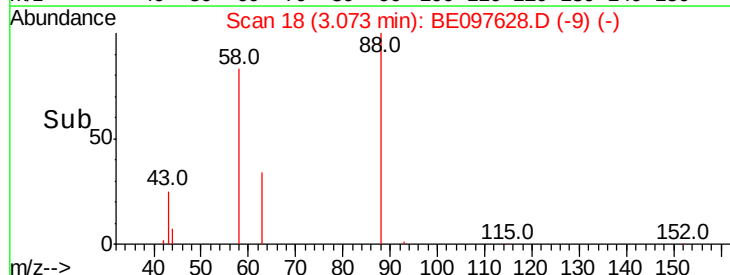
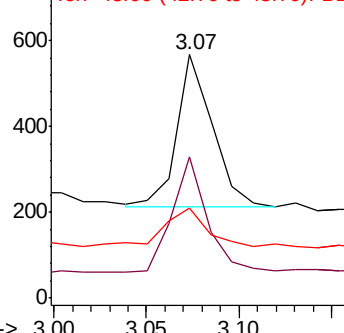
#2

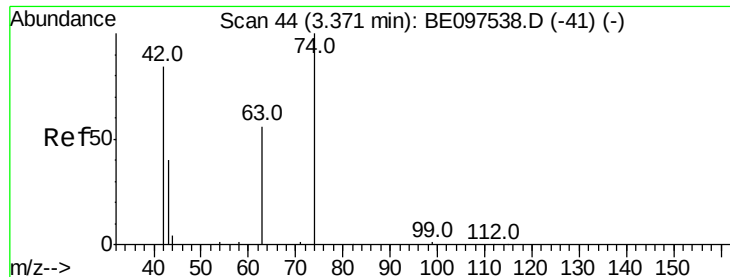
1,4-Dioxane
Concen: 0.407 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion: 88 Resp: 472
Ion Ratio Lower Upper
88 100
58 75.0 63.2 94.8
43 33.1 41.2 61.8#



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: 0.267 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

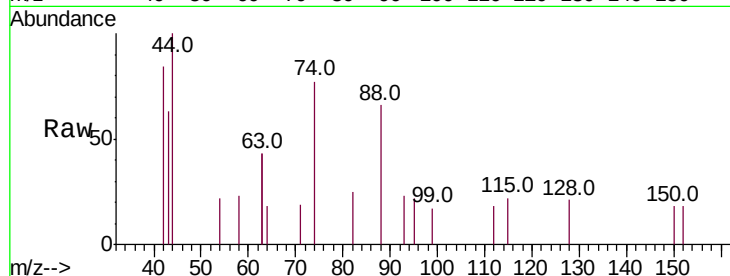
Tot Ion: 42 Resp: 259

Ion Ratio Lower Upper

42 100

74 142.5 96.0 144.0

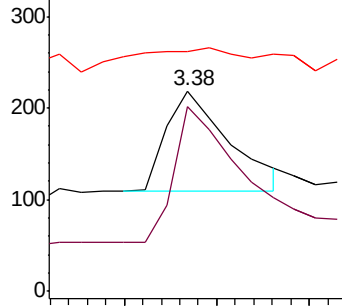
44 41.3 12.0 18.0#



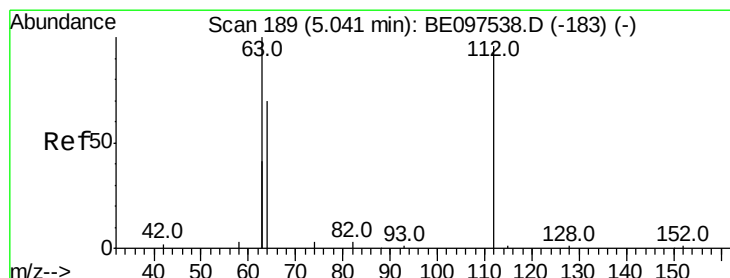
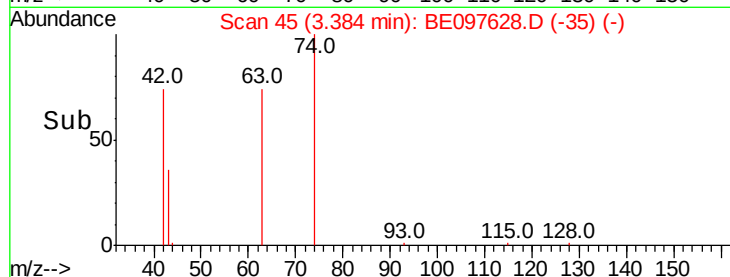
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.357 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

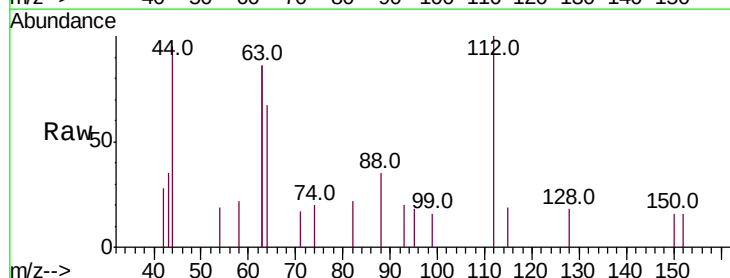
Tgt Ion: 112 Resp: 728

Ion Ratio Lower Upper

112 100

64 64.6 60.1 90.1

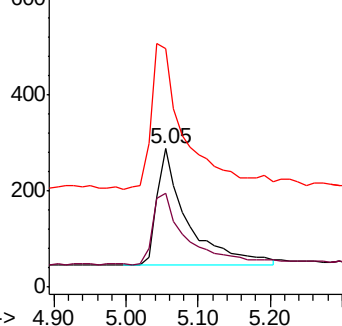
63 136.3 116.8 175.2



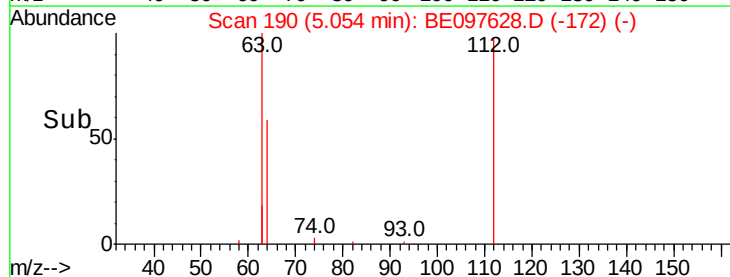
Abundance Ion 112.00 (111.70 to 112.70): E

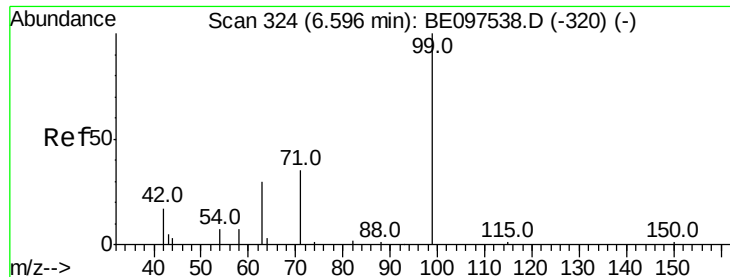
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.315 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

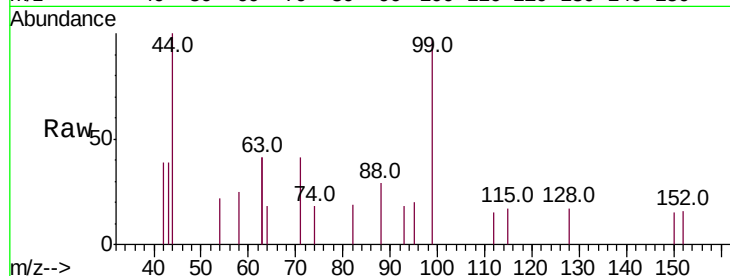
Tot Ion: 99 Resp: 821

Ion Ratio Lower Upper

99 100

42 20.1 20.2 30.2#

71 34.6 28.4 42.6



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

6.62

300

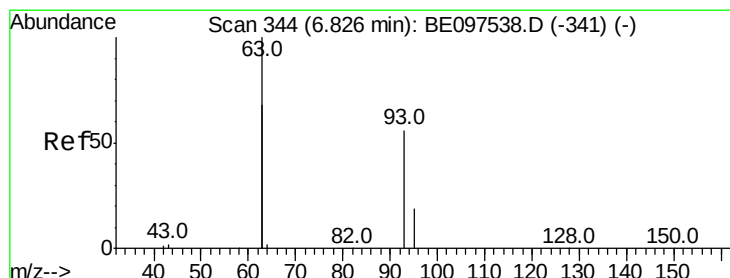
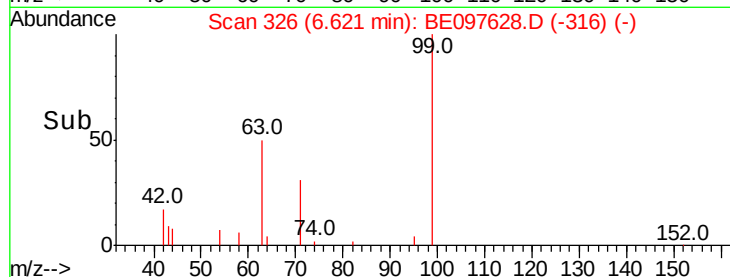
200

100

0

6.50 6.60 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

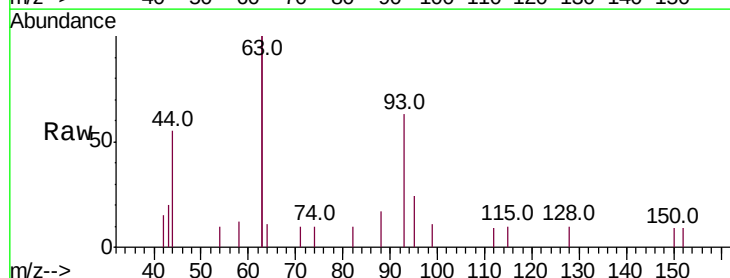
Tgt Ion: 93 Resp: 875

Ion Ratio Lower Upper

93 100

63 278.4 275.3 412.9

95 30.7 25.2 37.8



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

6.83

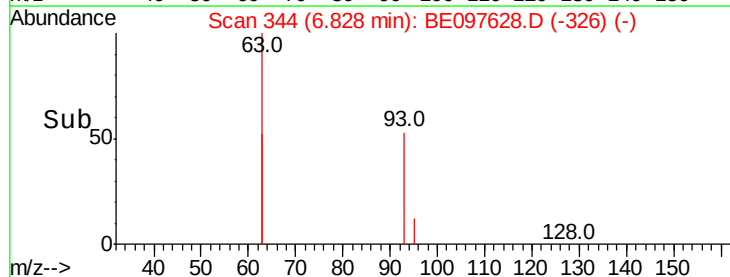
1000

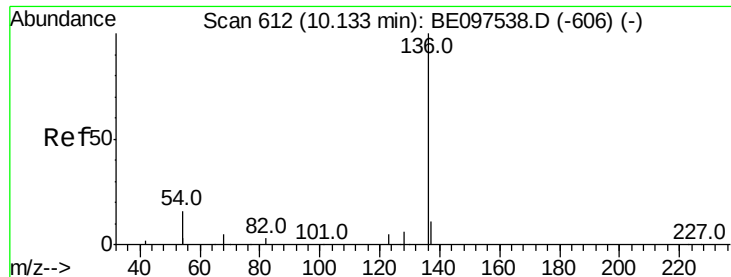
500

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3515

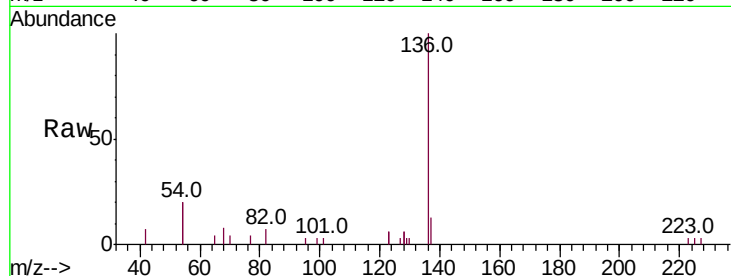
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 39.0 29.1 43.7

68 8.3 6.2 9.2

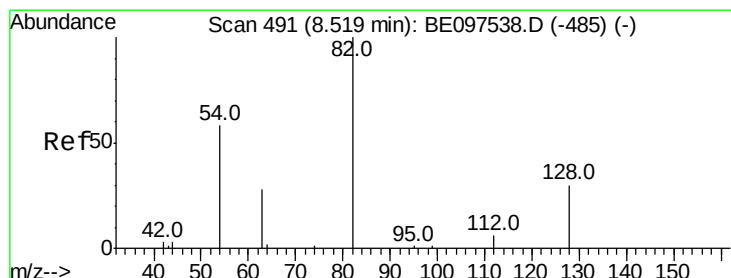
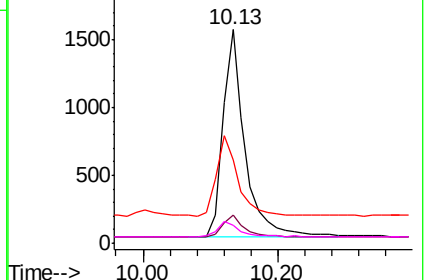
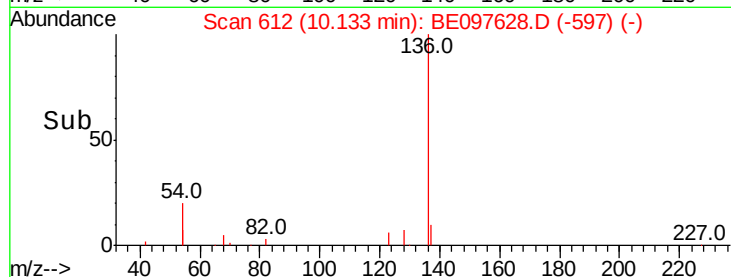


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

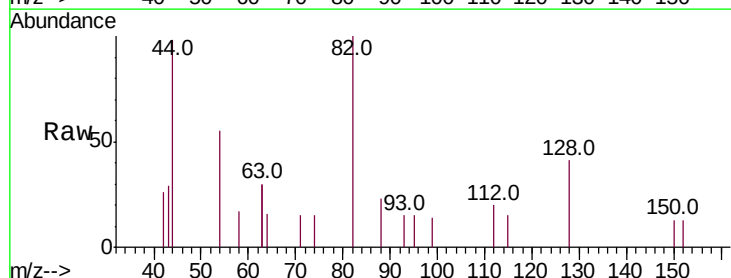
Tgt Ion: 82 Resp: 874

Ion Ratio Lower Upper

82 100

128 41.4 24.0 36.0#

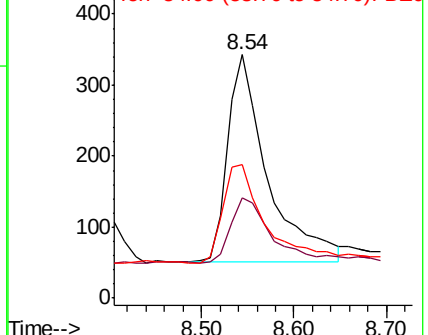
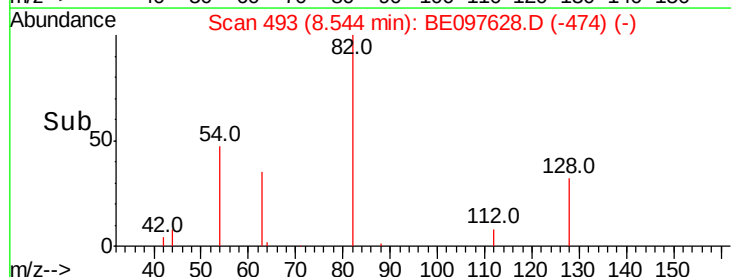
54 54.8 40.0 60.0

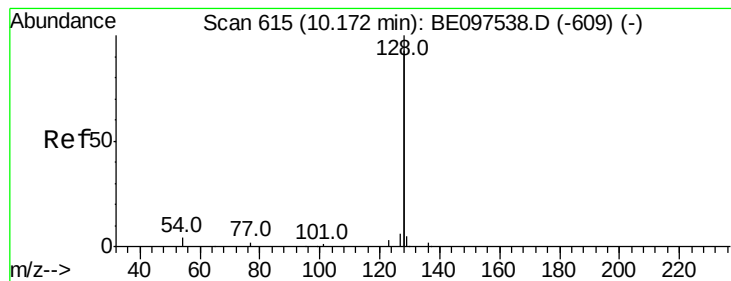


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.391 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

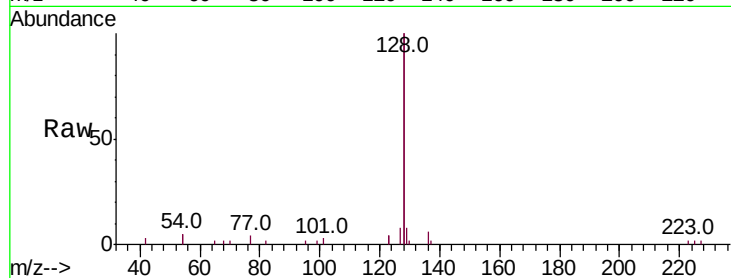
Tot Ion:128 Resp: 12373

Ion Ratio Lower Upper

128 100

129 3.8 2.6 3.8

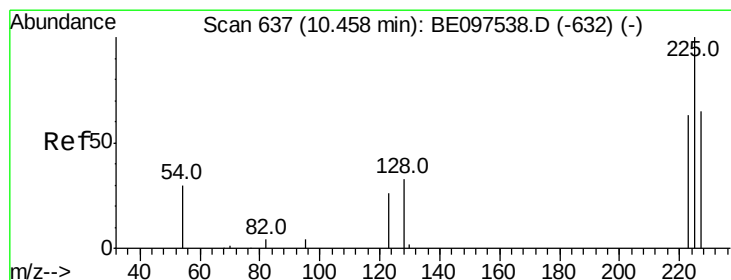
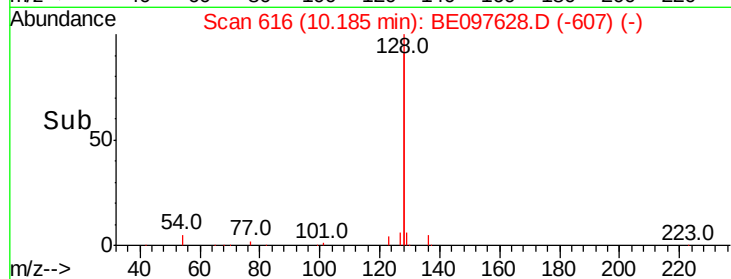
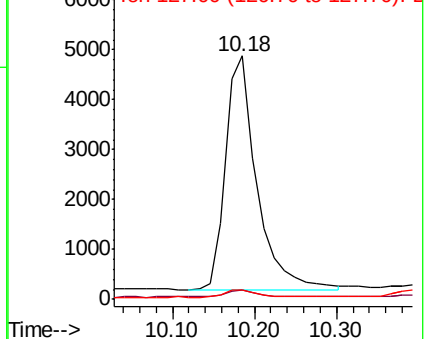
127 4.0 2.8 4.2



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: 0.396 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

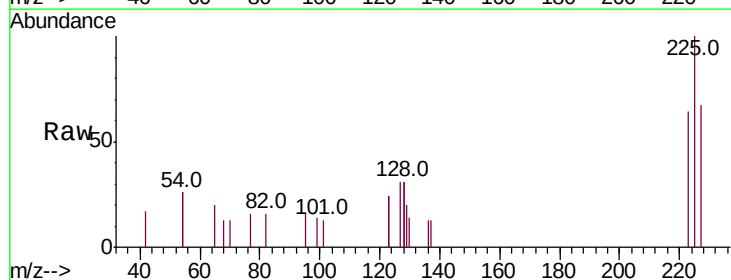
Tgt Ion:225 Resp: 578

Ion Ratio Lower Upper

225 100

223 60.0 53.0 79.6

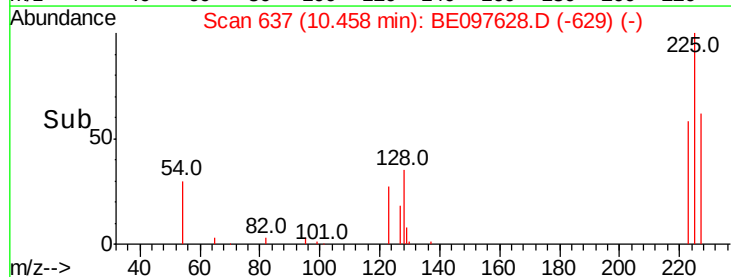
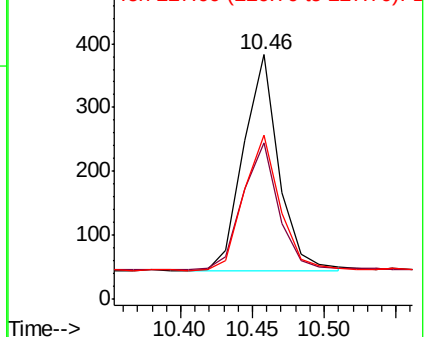
227 63.8 51.4 77.2

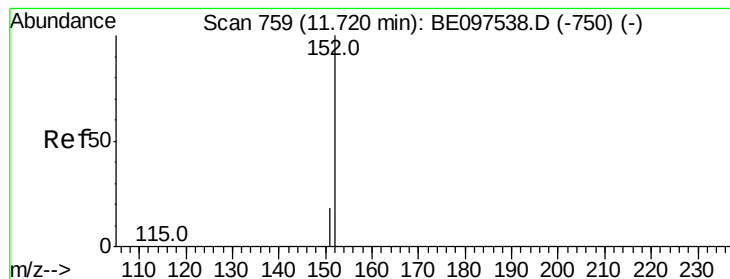


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

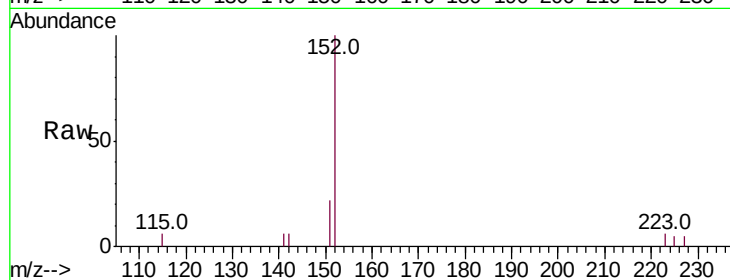
SSTDCCC0.4

Tot Ion:152 Resp: 1973

Ion Ratio Lower Upper

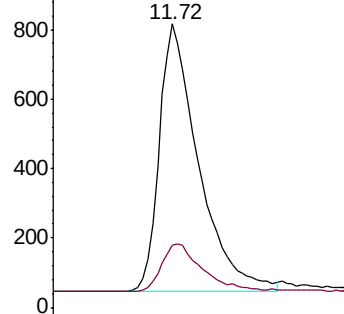
152 100

151 18.4 15.4 23.0

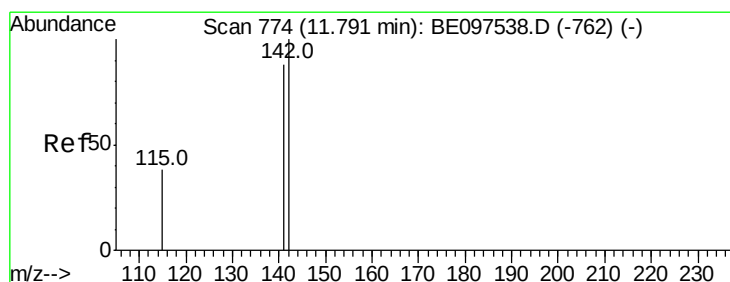
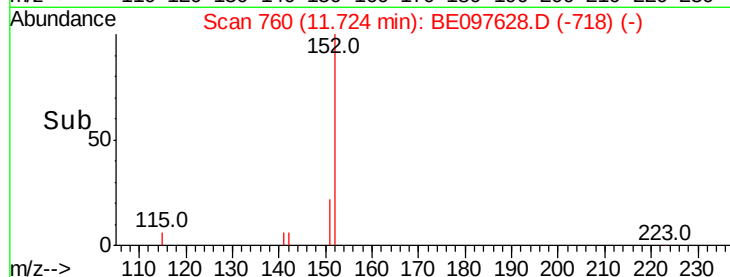


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

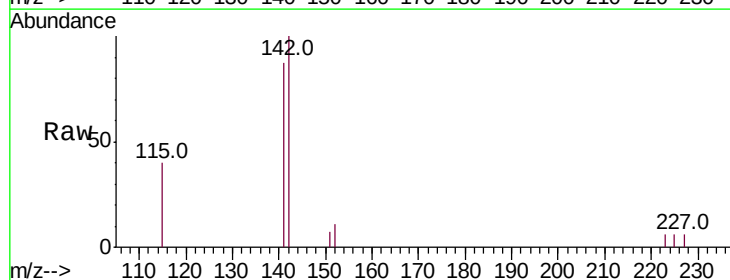
Tgt Ion:142 Resp: 2035

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6

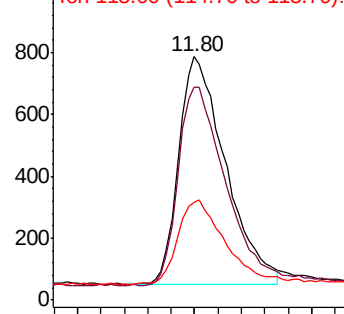
115 40.2 31.7 47.5



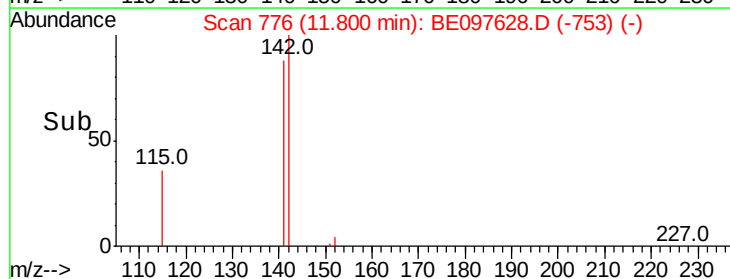
Abundance Ion 142.00 (141.70 to 142.70): E

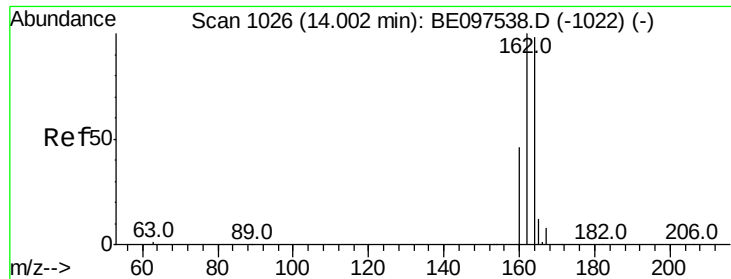
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

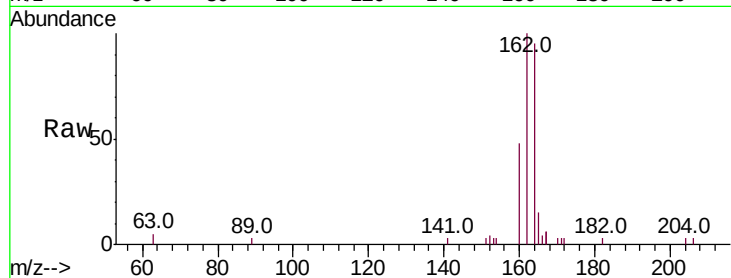




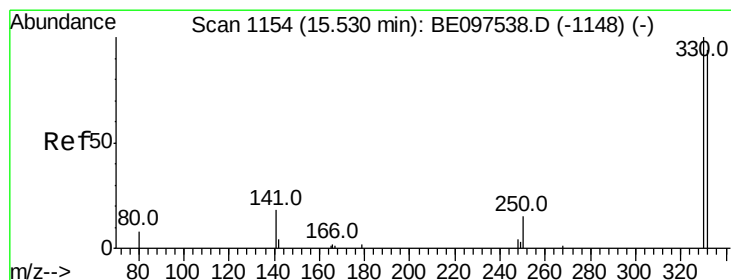
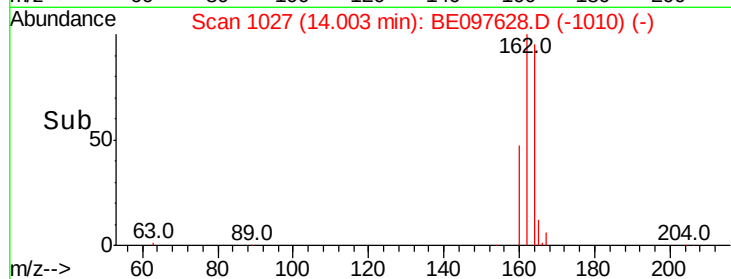
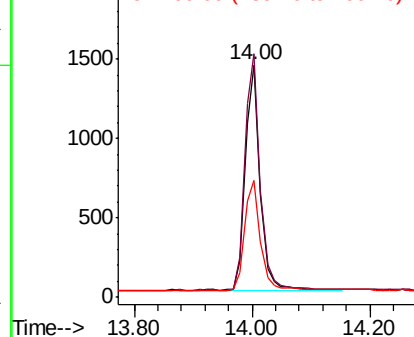
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2447
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 50.5 37.1 55.7

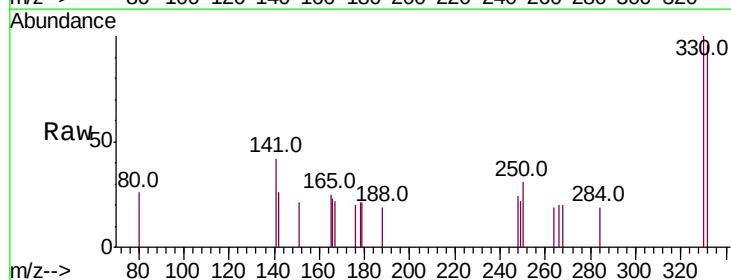


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

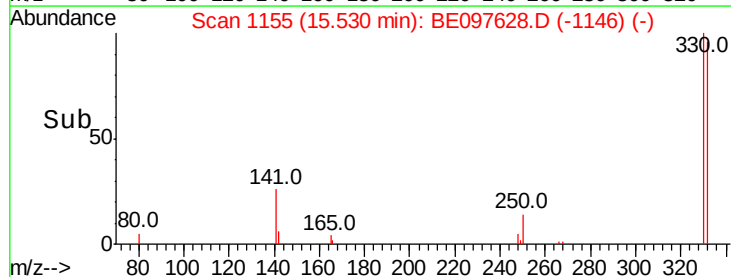
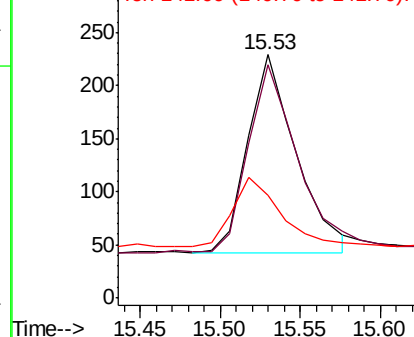


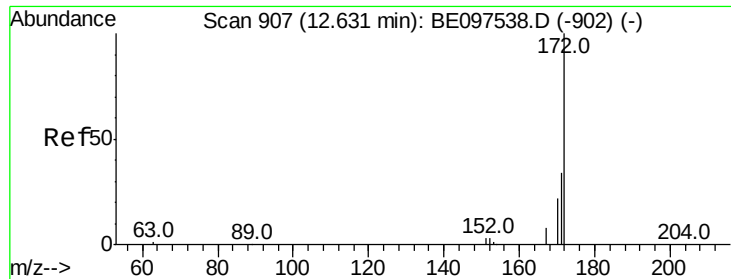
#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:330 Resp: 390
Ion Ratio Lower Upper
330 100
332 97.7 152.7 229.1#
141 35.4 33.7 50.5



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

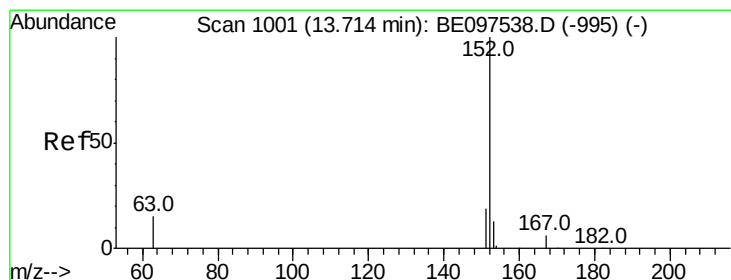
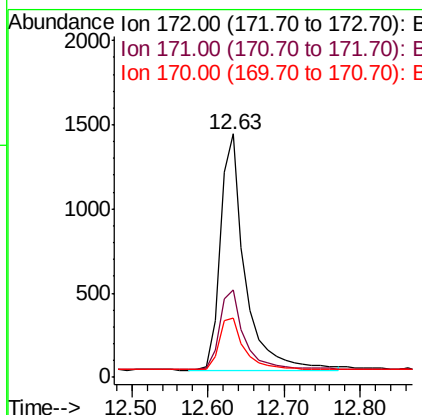
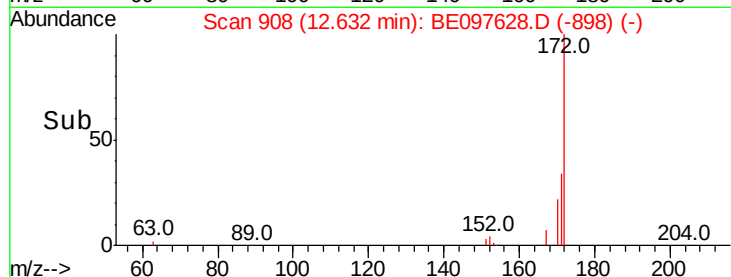
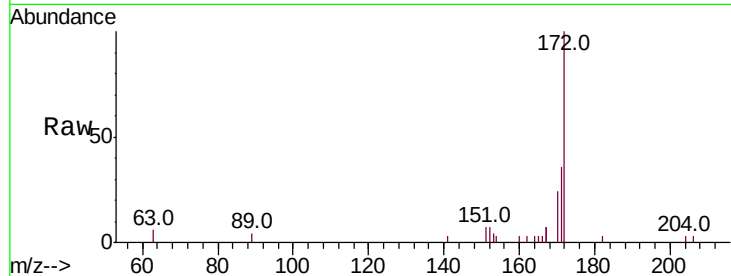




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

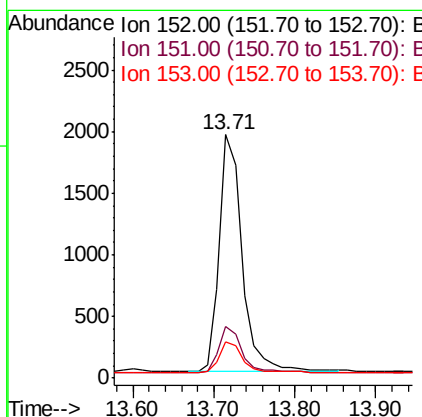
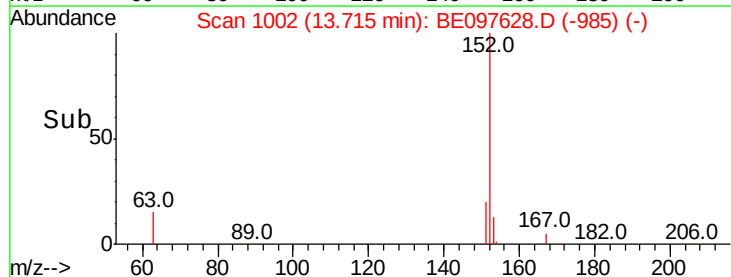
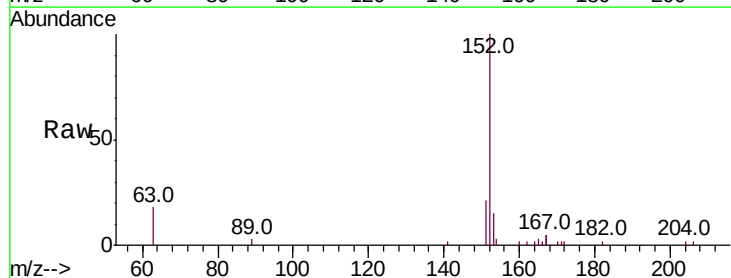
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

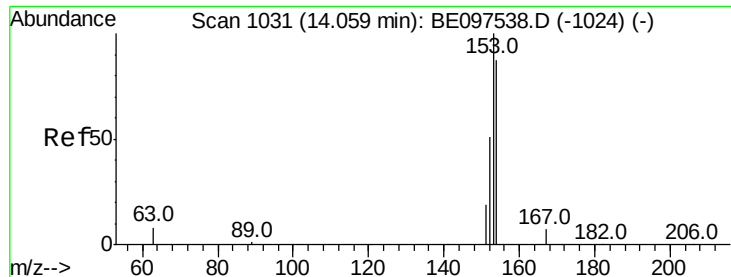
Tot Ion:172 Resp: 3162
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.71 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097628.D
Acq: 22 Sep 2018 1:56

Tgt Ion:152 Resp: 3808
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

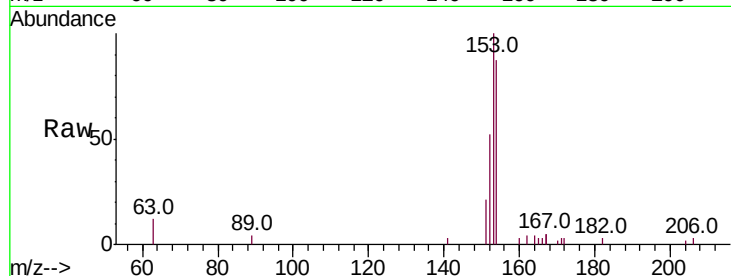
Tot Ion:154 Resp: 2599

Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

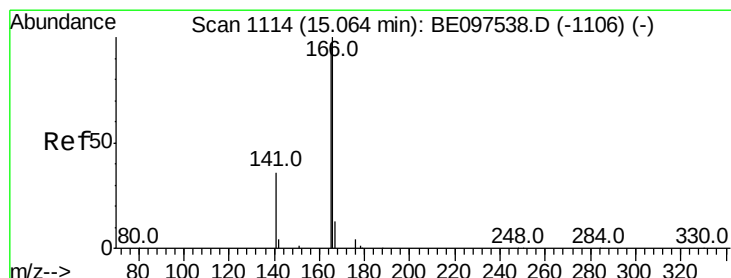
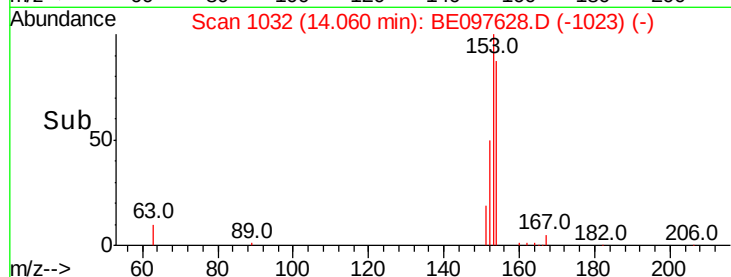
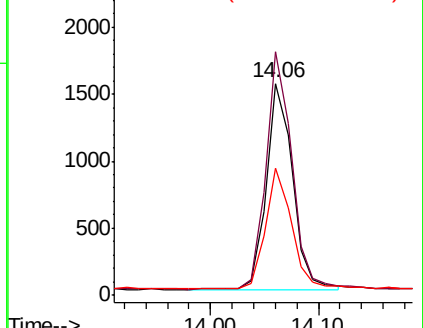
152 57.2 42.0 63.0



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: 0.421 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

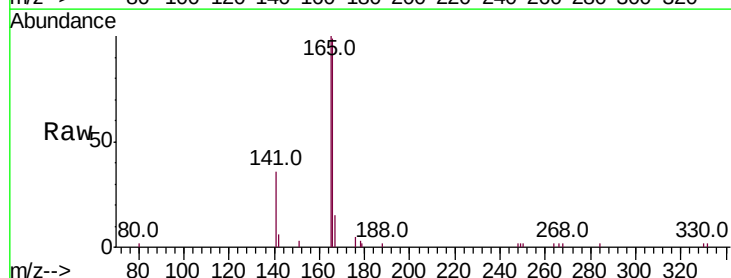
Tgt Ion:166 Resp: 3563

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

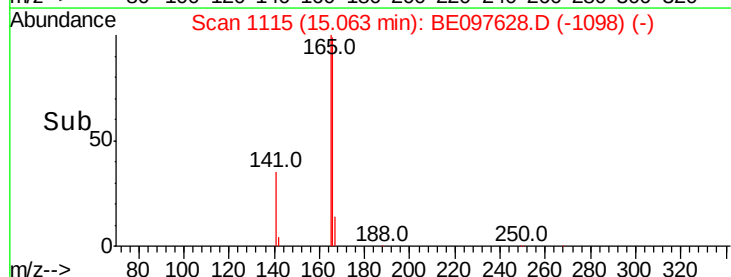
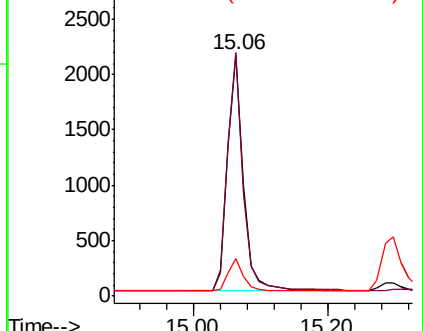
167 13.9 42.4 63.6#

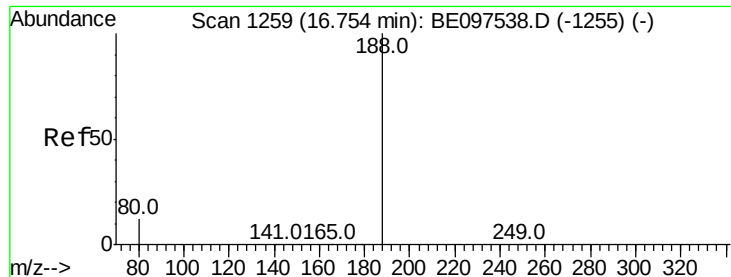


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

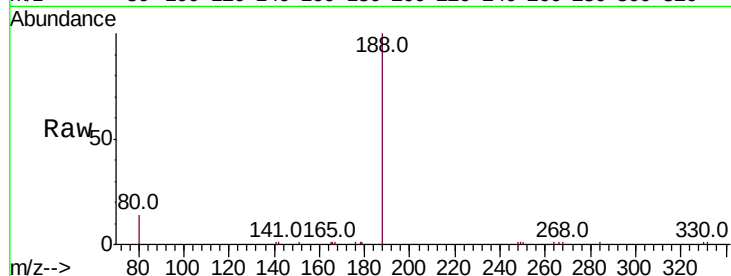
Tot Ion:188 Resp: 7696

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

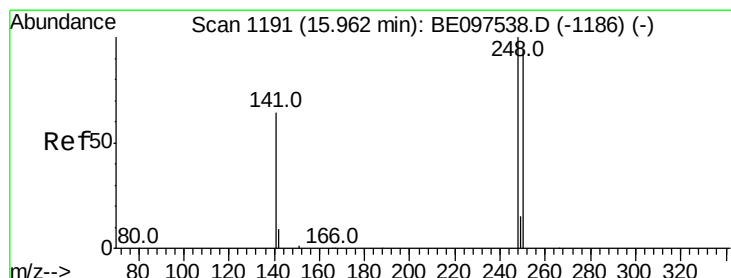
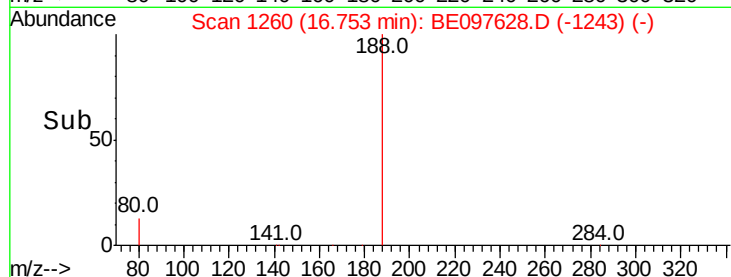
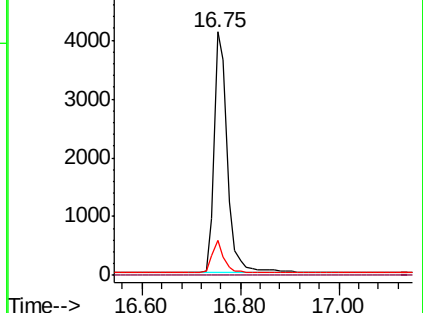
80 14.2 3.6 5.4#



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: 0.389 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

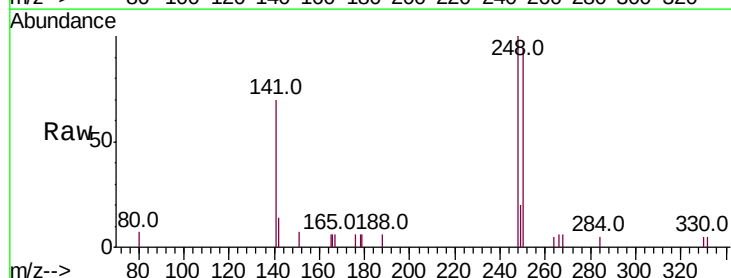
Tgt Ion:248 Resp: 1348

Ion Ratio Lower Upper

248 100

250 94.4 62.7 94.1#

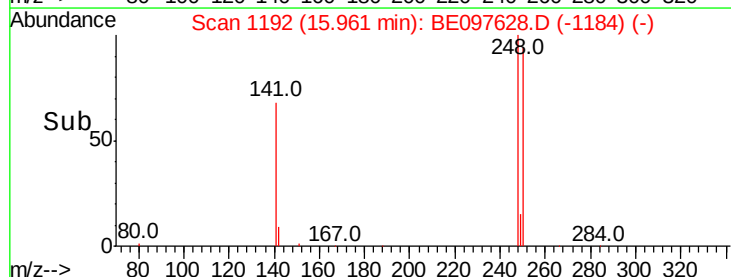
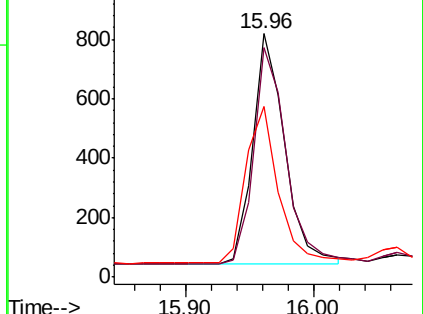
141 70.1 48.2 72.2

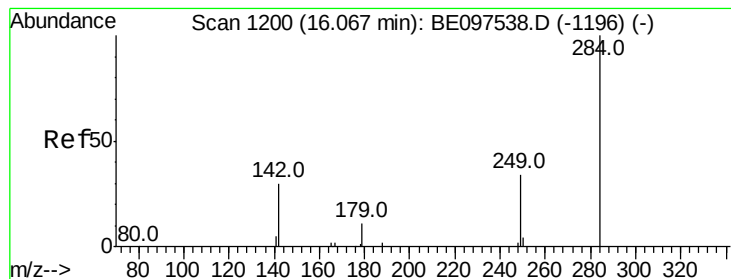


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

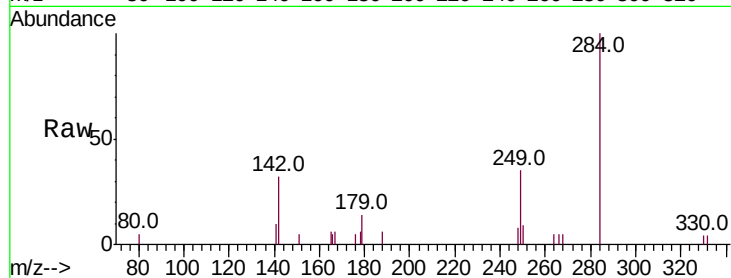
Tot Ion:284 Resp: 1545

Ion Ratio Lower Upper

284 100

142 31.1 22.1 33.1

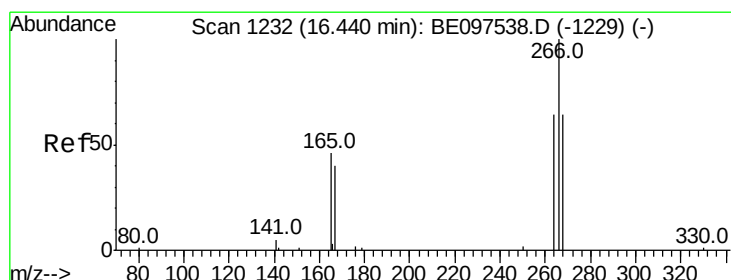
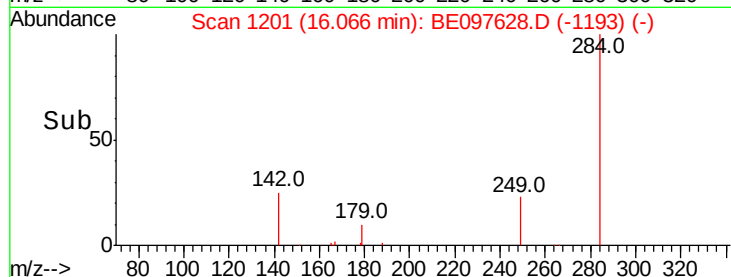
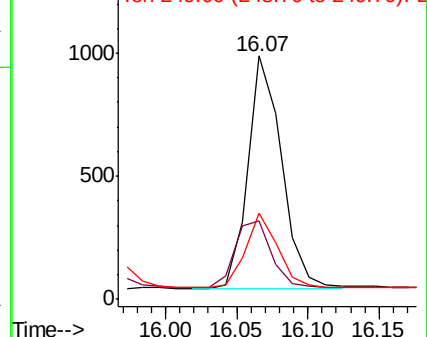
249 30.4 34.8 52.2#



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: 0.295 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

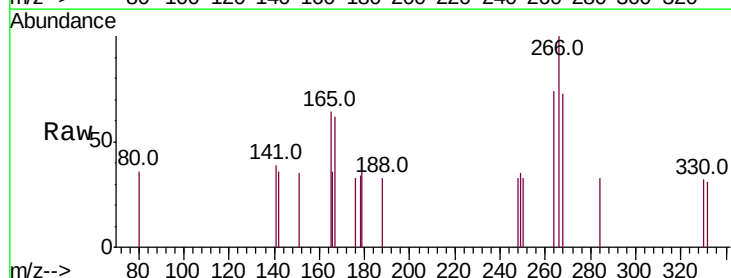
Tgt Ion:266 Resp: 283

Ion Ratio Lower Upper

266 100

264 73.9 72.5 108.7

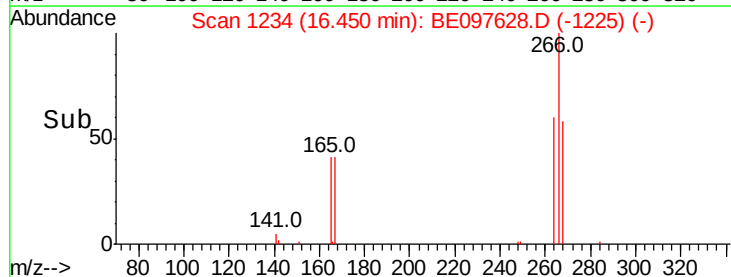
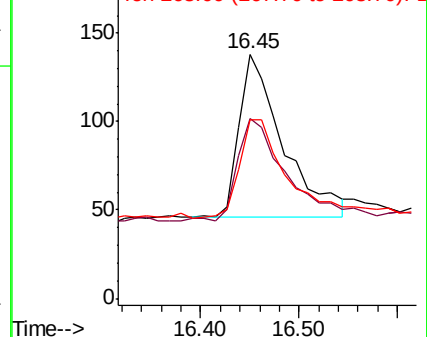
268 73.2 73.8 110.6#

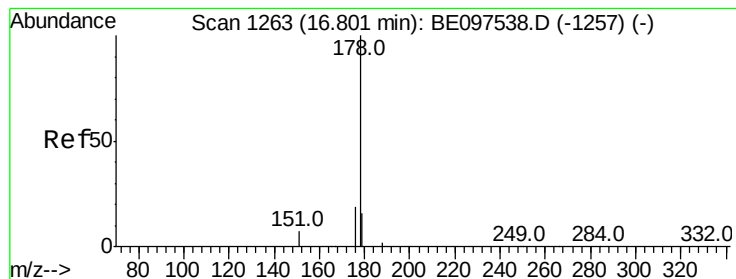


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

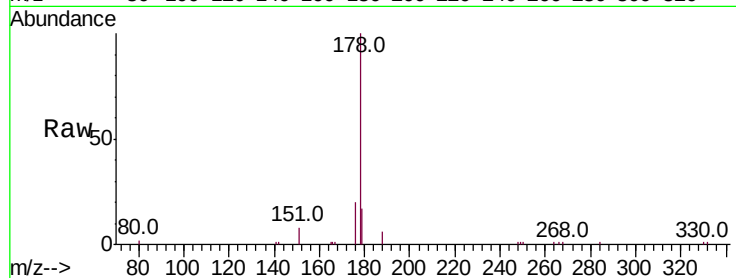
Tot Ion:178 Resp: 7043

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

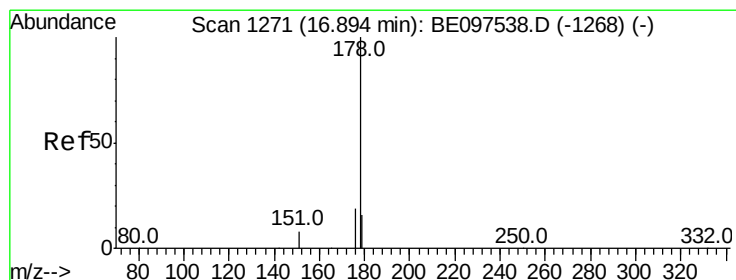
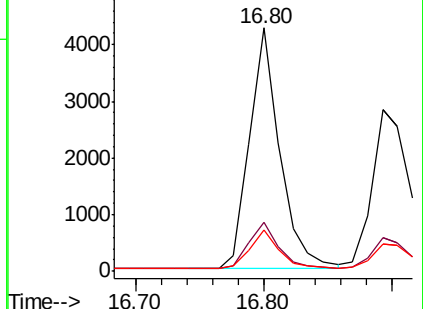
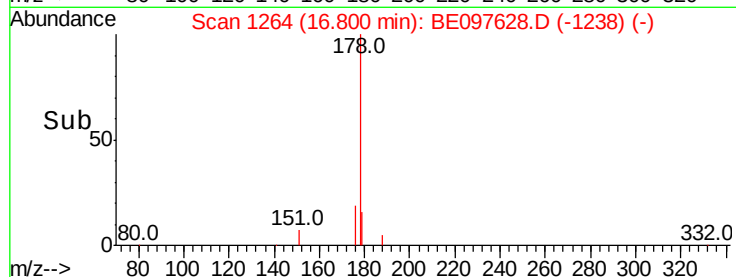
179 15.7 11.8 17.6



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: 0.360 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

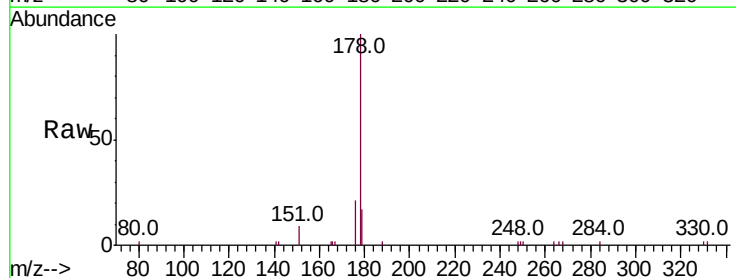
Tgt Ion:178 Resp: 5807

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

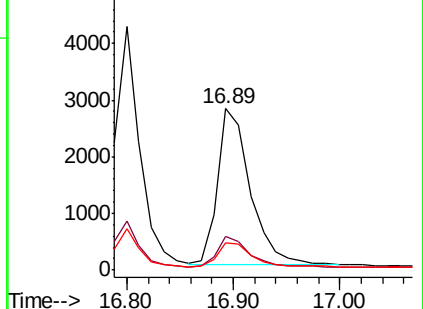
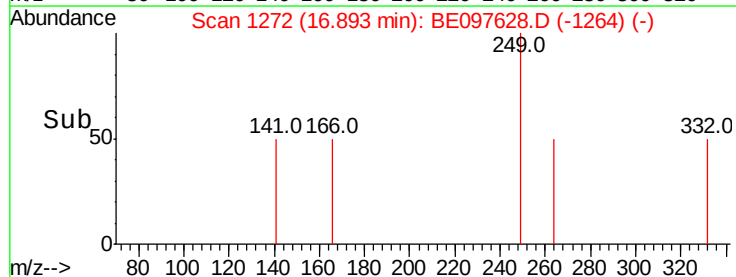
179 15.4 13.0 19.6

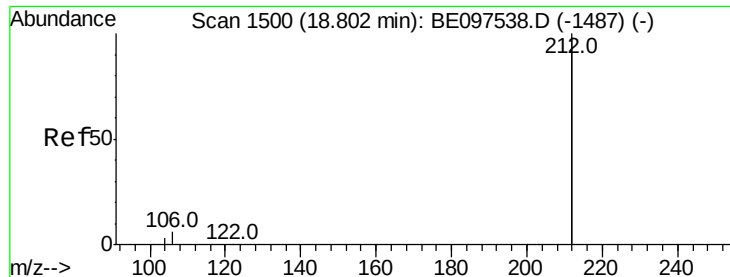


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

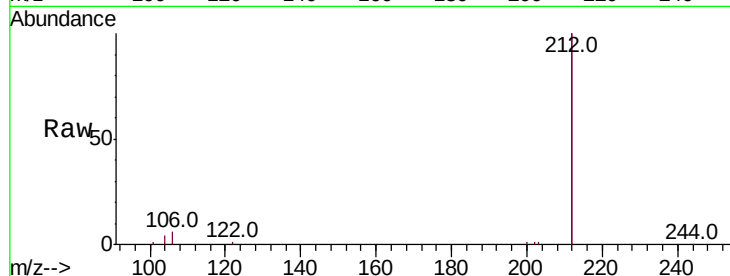
Tot Ion:212 Resp: 31890

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

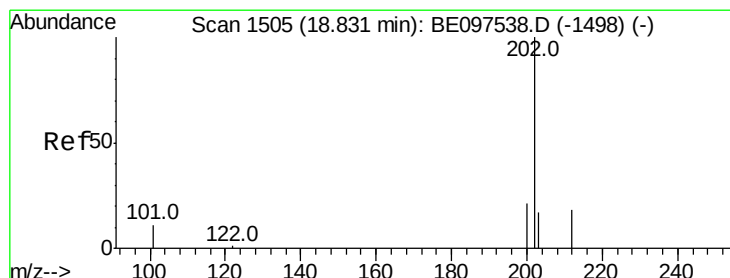
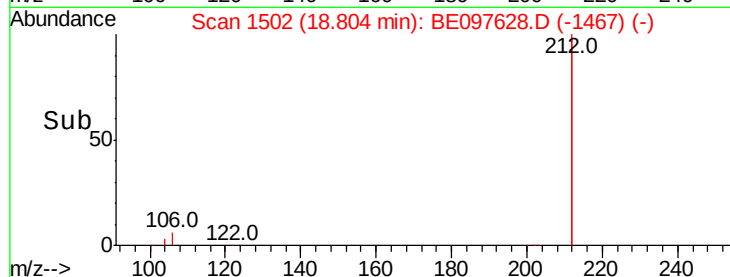
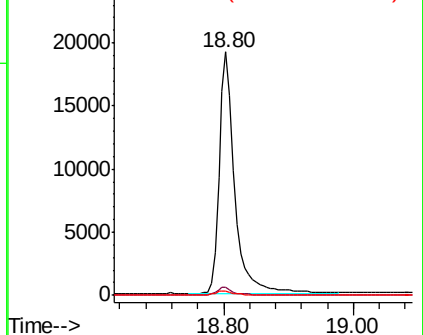
104 1.8 1.6 2.4



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: 0.331 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

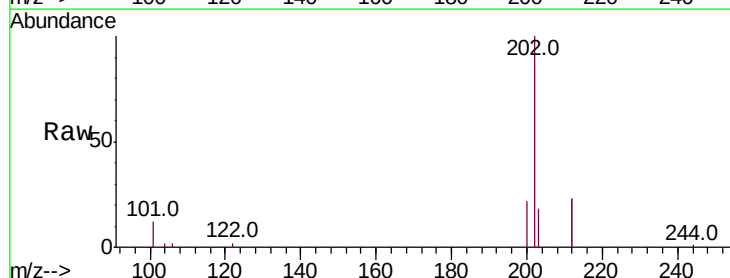
Tgt Ion:202 Resp: 8385

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

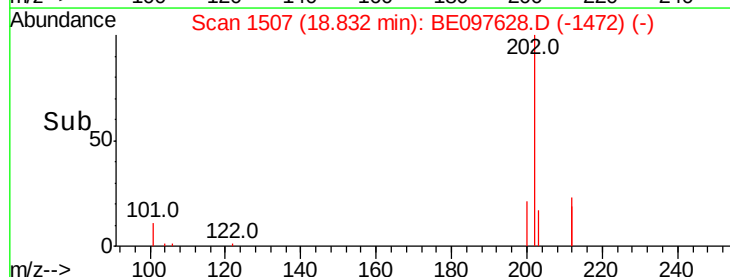
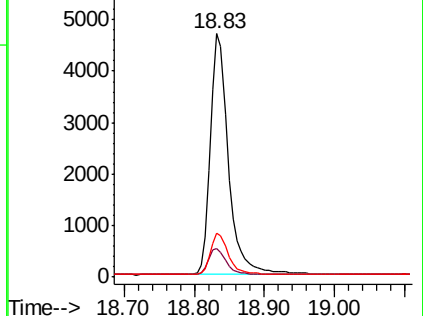
203 17.1 13.7 20.5

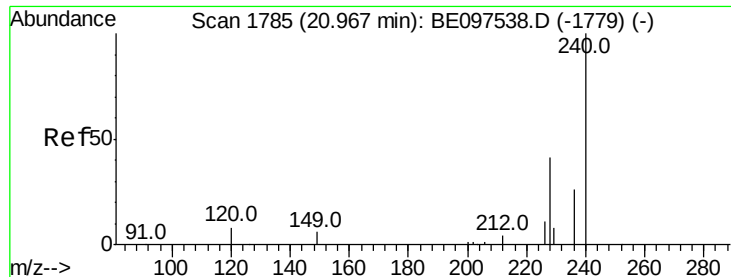


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

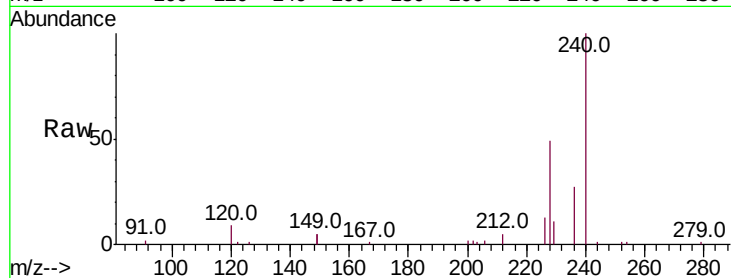
Tot Ion:240 Resp: 8324

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

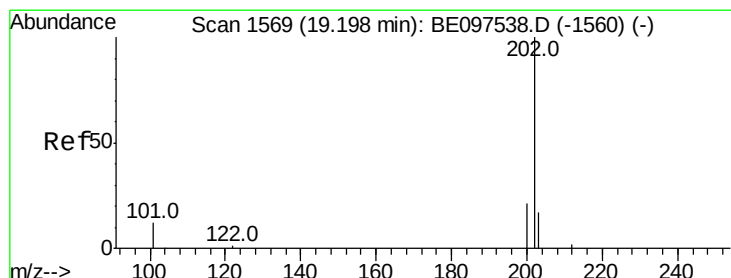
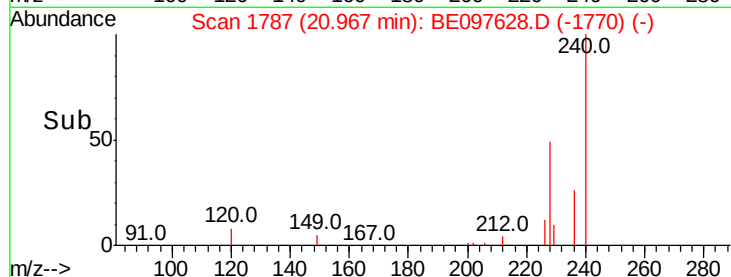
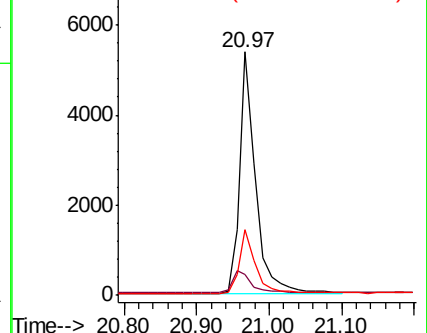
236 27.1 20.7 31.1



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: 0.447 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

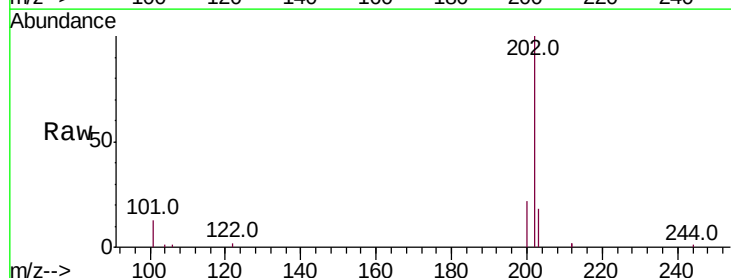
Tgt Ion:202 Resp: 8472

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

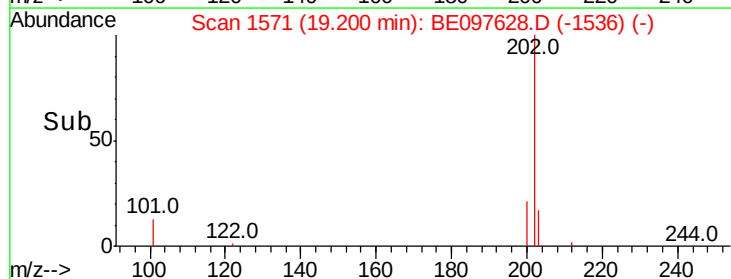
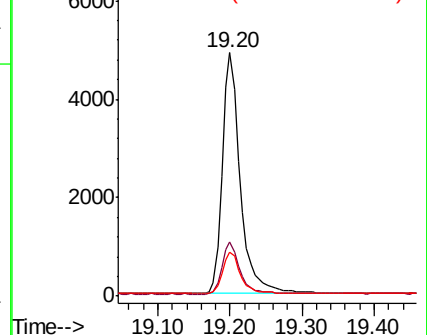
203 17.4 13.8 20.8

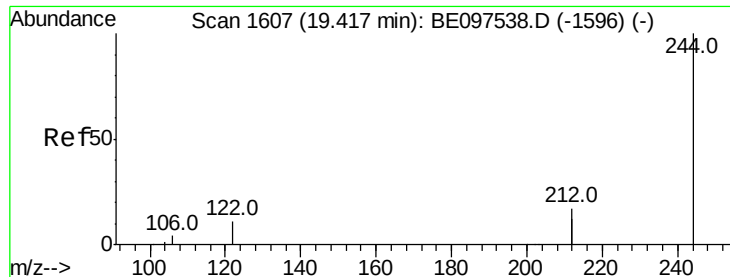


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.42 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

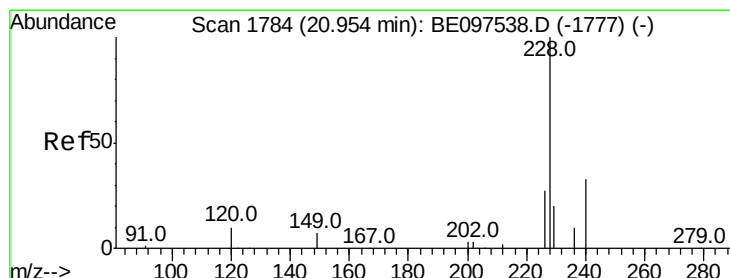
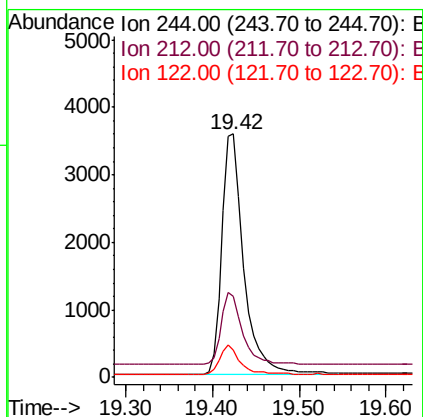
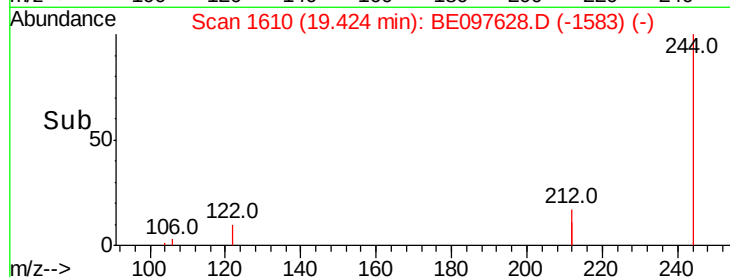
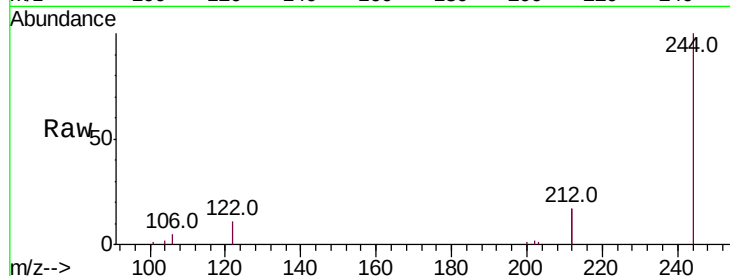
Tot Ion:244 Resp: 6288

Ion Ratio Lower Upper

244 100

212 33.5 25.4 38.0

122 11.1 8.1 12.1



#30

Benzo(a)anthracene

Concen: 0.343 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

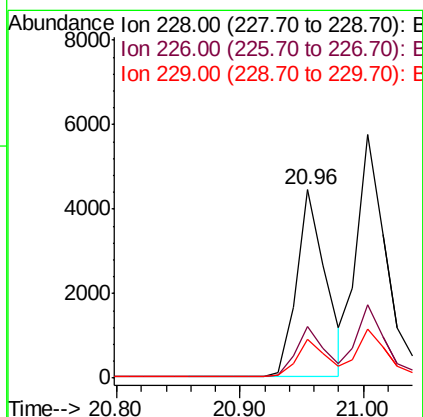
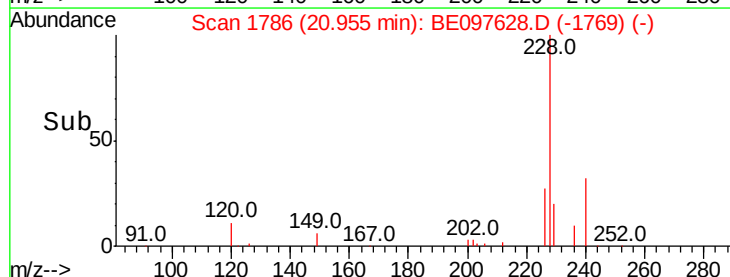
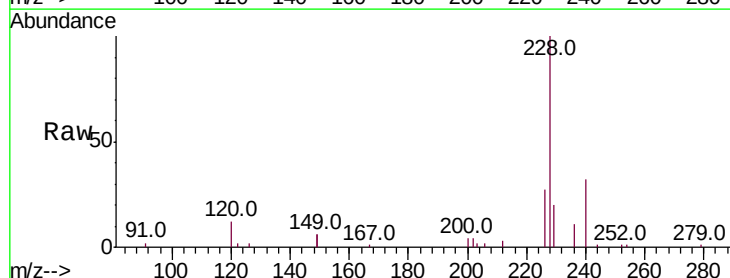
Tgt Ion:228 Resp: 7193

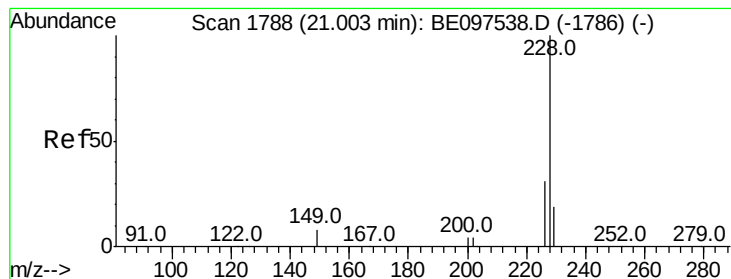
Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

229 20.4 16.0 24.0





#31

Chrysene

Concen: 0.413 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

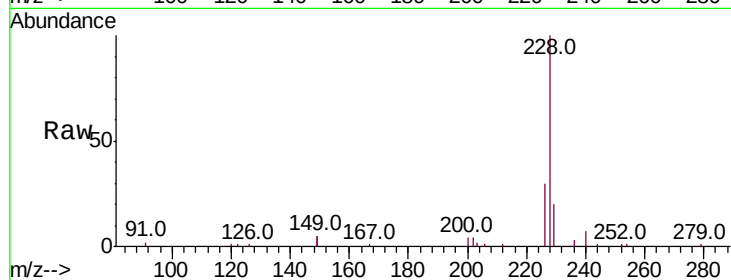
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 9292

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.1	16.0	24.0

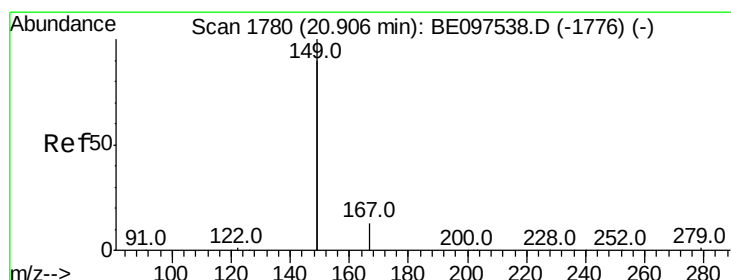
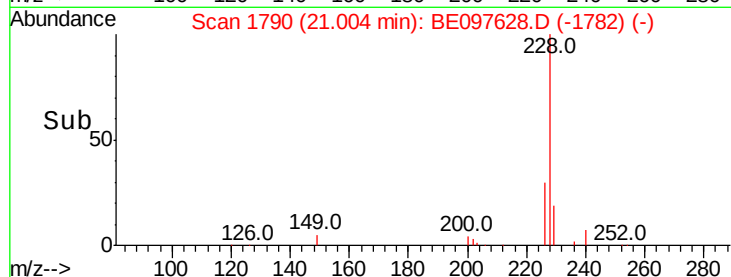
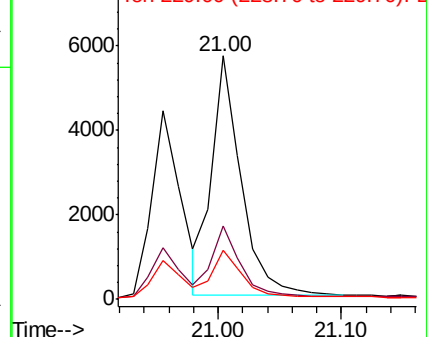


Abundance

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: 0.280 ng

RT: 20.89 min Scan# 1781

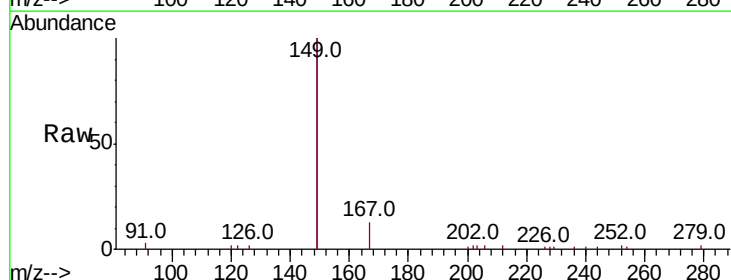
Delta R.T. -0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Tgt Ion:149 Resp: 9476

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#

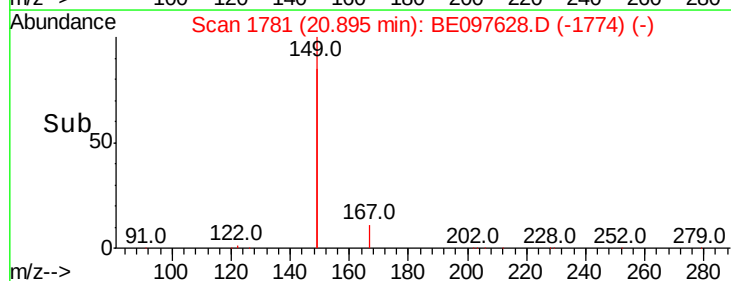
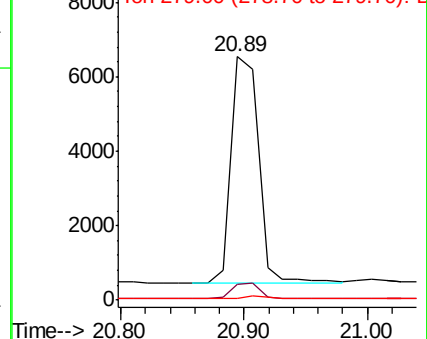


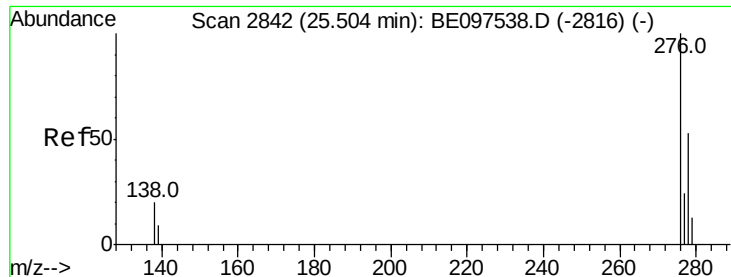
Abundance

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: 0.390 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

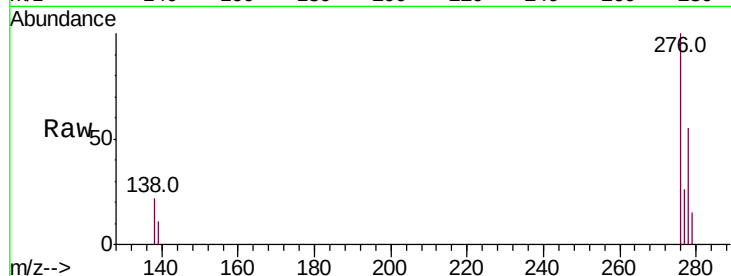
Tot Ion:276 Resp: 10567

Ion Ratio Lower Upper

276 100

138 22.1 22.5 33.7#

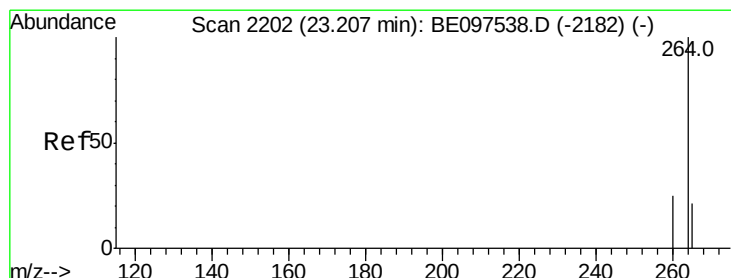
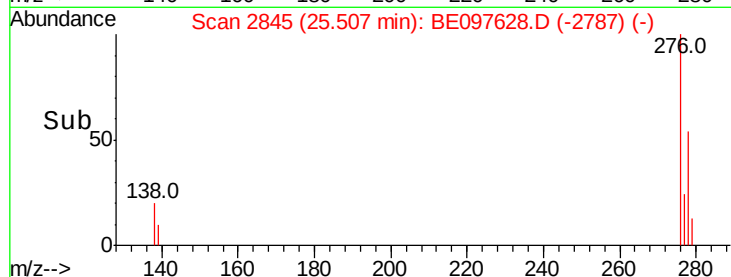
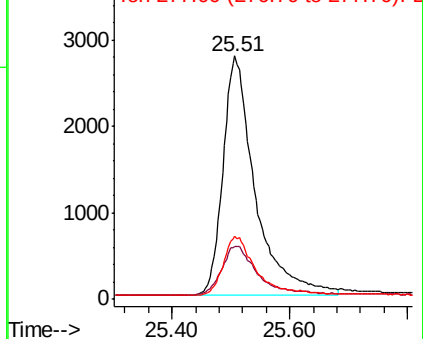
277 23.9 19.9 29.9



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

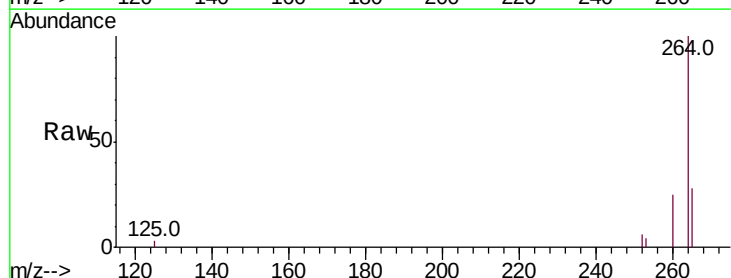
Tgt Ion:264 Resp: 8186

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

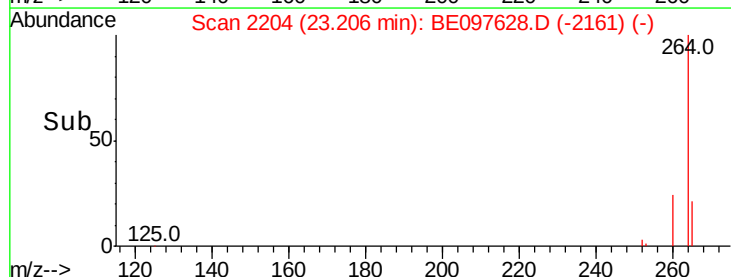
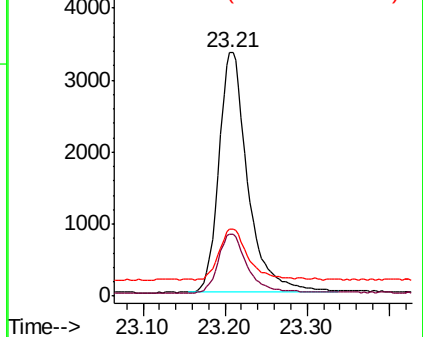
265 27.7 22.8 34.2

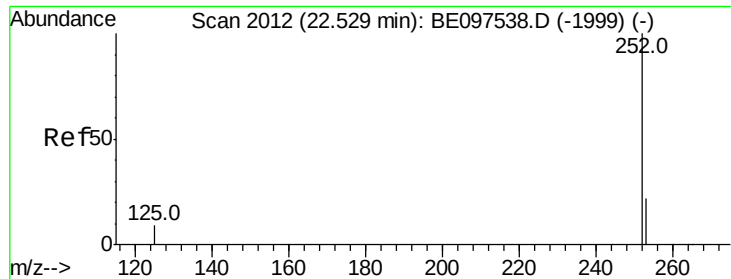


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.53 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

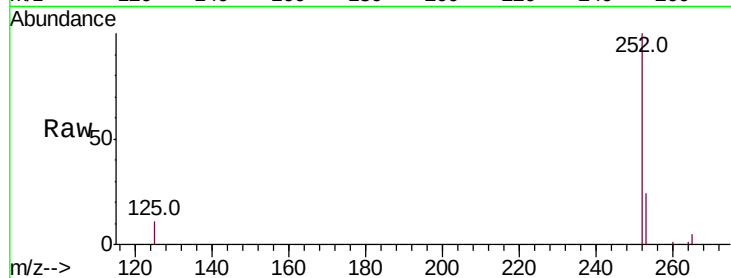
Tot Ion:252 Resp: 7577

Ion Ratio Lower Upper

252 100

253 24.0 20.0 30.0

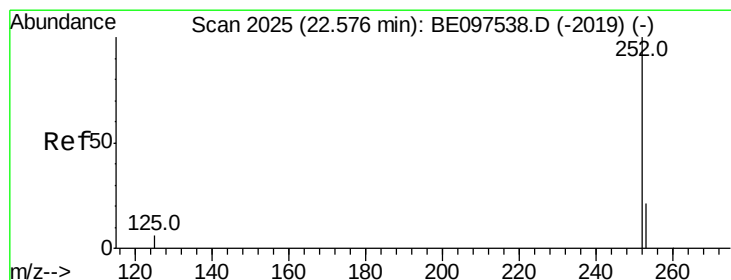
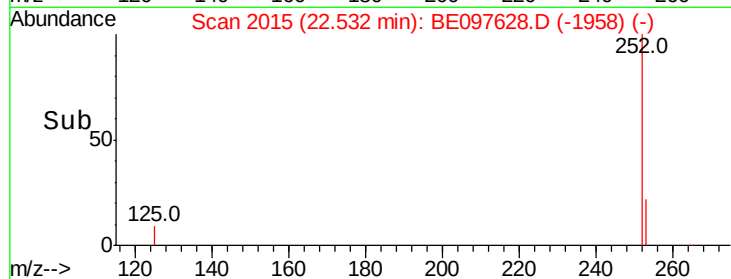
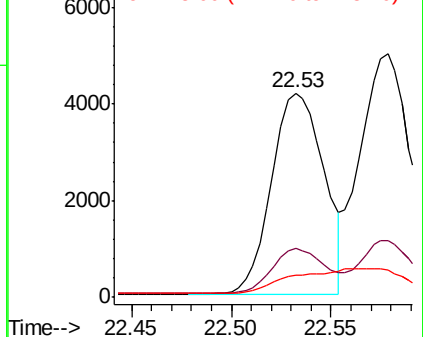
125 10.9 16.0 24.0#



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: 0.412 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

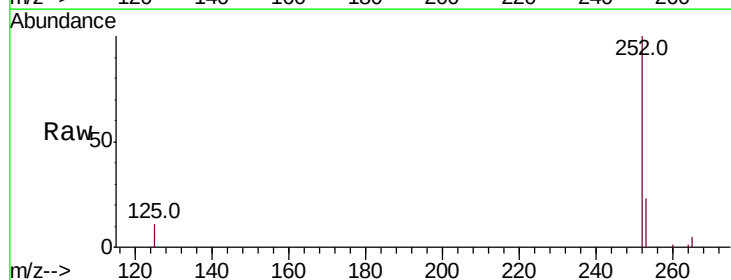
Tgt Ion:252 Resp: 9871

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

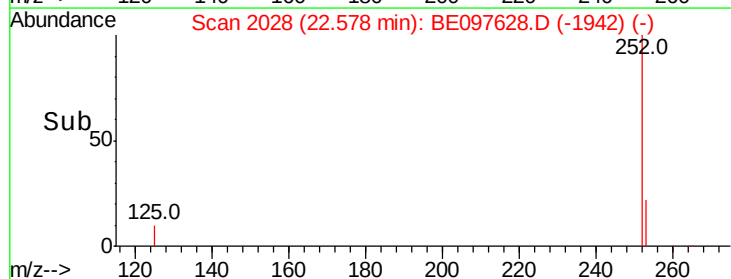
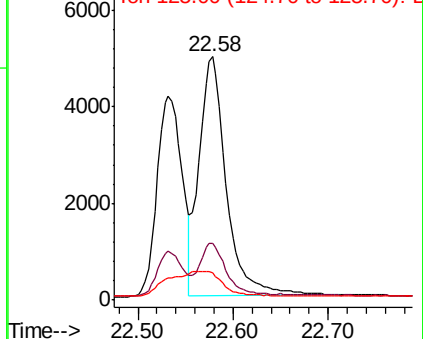
125 11.2 8.0 12.0

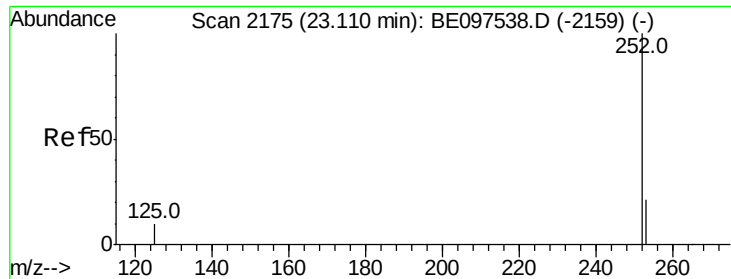


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.11 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

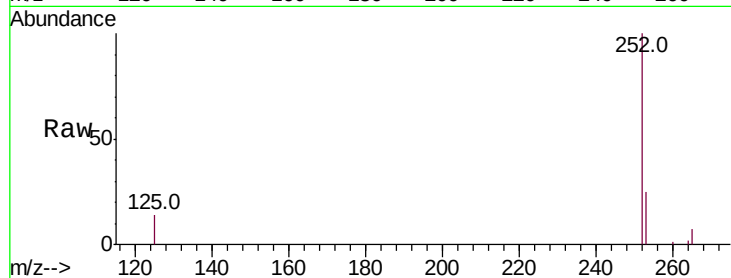
Tot Ion:252 Resp: 7948

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

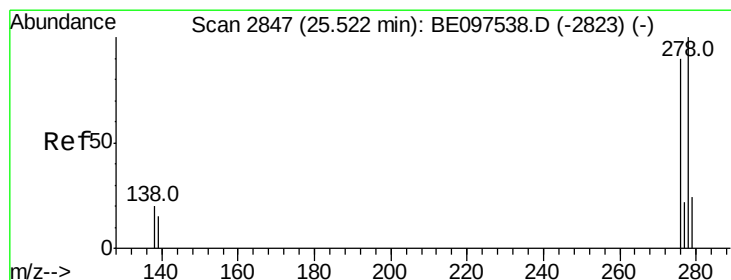
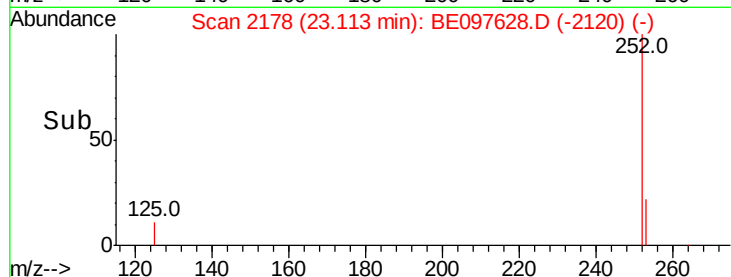
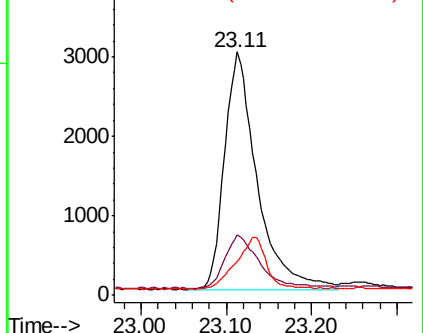
125 13.8 12.0 18.0



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: 0.389 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

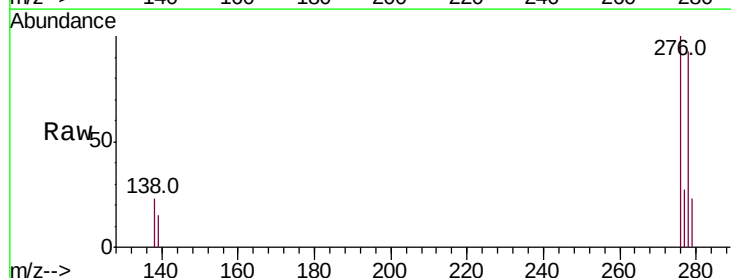
Tgt Ion:278 Resp: 8563

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

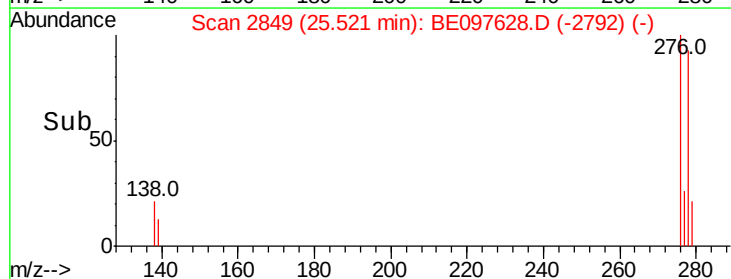
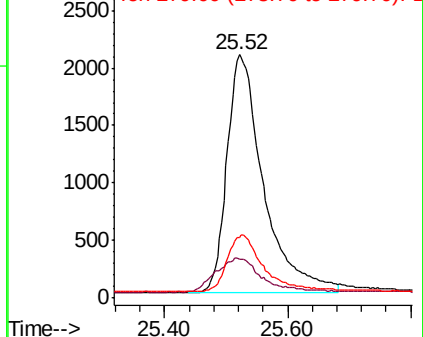
279 25.1 20.0 30.0

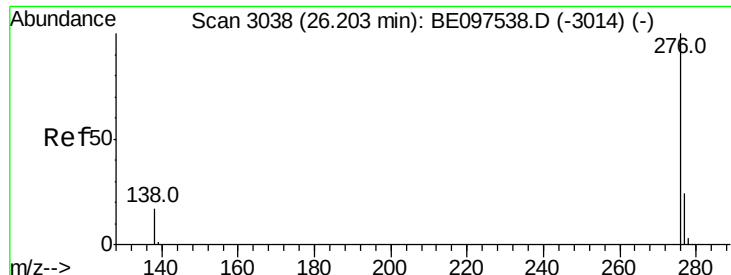


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 26.21 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BE097628.D

Acq: 22 Sep 2018 1:56

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

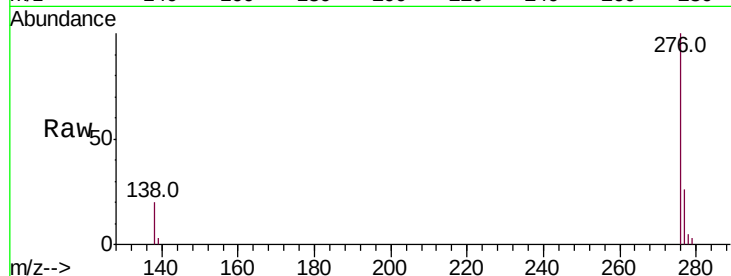
Tot Ion:276 Resp: 8350

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 20.2 20.0 30.0



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

