

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097802.D
 Acq On : 8 Oct 2018 20:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 09 06:58:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3456	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14829	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8608	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	24010	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	29183	0.40	ng	-0.01
34) Perylene-d12	24.02	264	26898	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	3031	0.37	ng	-0.01
5) Phenol-d6	7.03	99	4442	0.35	ng	-0.01
8) Nitrobenzene-d5	9.04	82	3246	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	8891	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	688	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	13956	0.37	ng	-0.02
25) Fluoranthene-d10	19.32	212	112117	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	24041	0.40	ng	-0.01

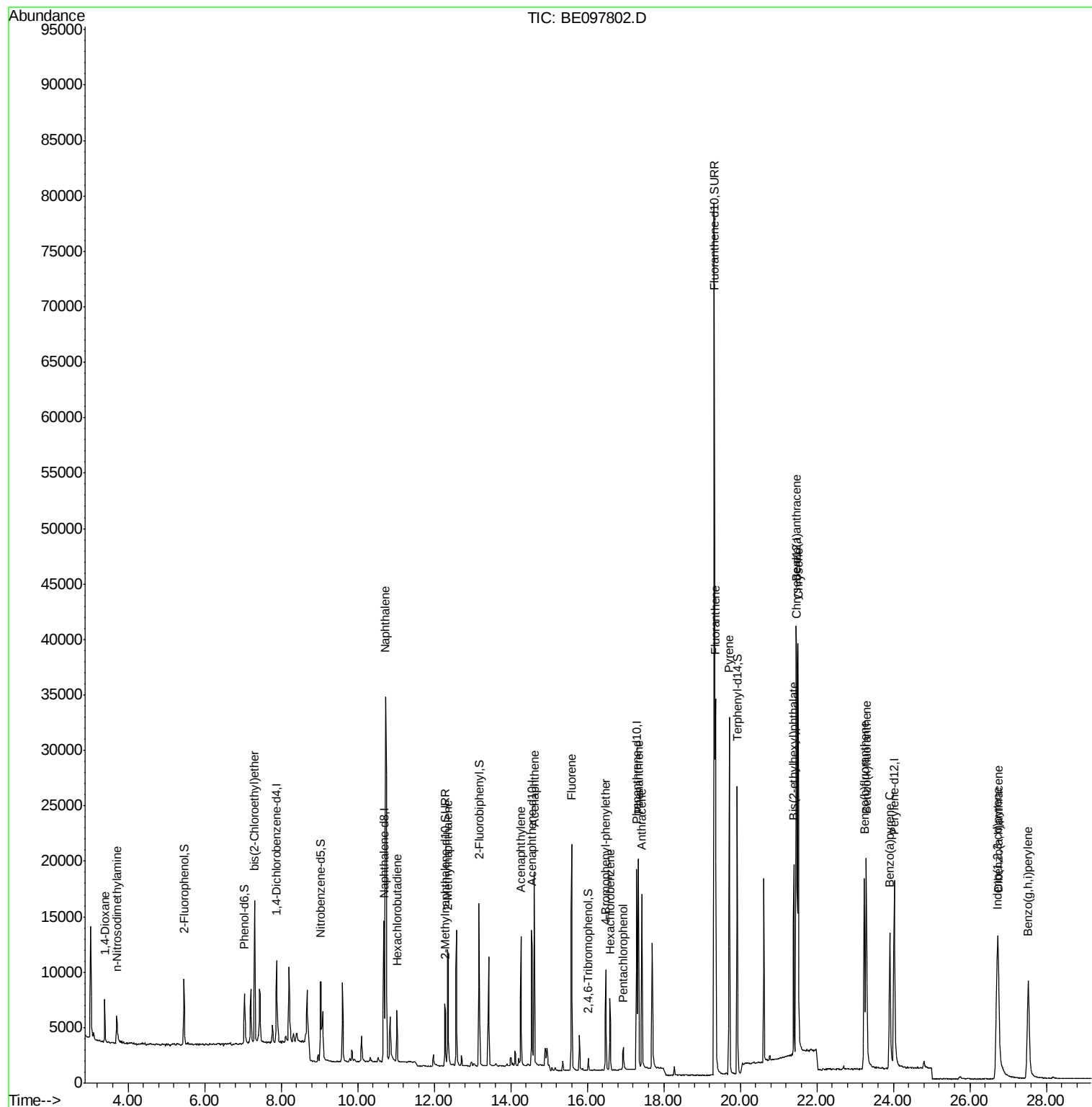
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	2560	0.372	ng	96
3) n-Nitrosodimethylamine	3.71	42	2162	0.345	ng	96
6) bis(2-Chloroethyl)ether	7.31	93	4858	0.375	ng	98
9) Naphthalene	10.73	128	56679	0.379	ng	99
10) Hexachlorobutadiene	11.03	225	2971	0.375	ng	98
12) 2-Methylnaphthalene	12.37	142	9194	0.384	ng	98
16) Acenaphthylene	14.27	152	13560	0.356	ng	100
17) Acenaphthene	14.61	154	9195	0.377	ng	98
18) Fluorene	15.59	166	12155	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4625	0.367	ng	98
21) Hexachlorobenzene	16.59	284	5084	0.359	ng	96
22) Pentachlorophenol	16.94	266	1241	0.558	ng	96
23) Phenanthrene	17.34	178	23152	0.374	ng	100
24) Anthracene	17.42	178	18848	0.353	ng	99
26) Fluoranthene	19.35	202	28929	0.367	ng	99
28) Pyrene	19.71	202	29739	0.401	ng	100
30) Benzo(a)anthracene	21.46	228	28092	0.358	ng	100
31) Chrysene	21.51	228	33640	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.40	149	21761	0.379	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	26285	0.345	ng	99
35) Benzo(b)fluoranthene	23.24	252	25514	0.346	ng	98
36) Benzo(k)fluoranthene	23.30	252	31356	0.383	ng	97
37) Benzo(a)pyrene	23.91	252	23039	0.345	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	21868	0.332	ng	98
39) Benzo(g,h,i)perylene	27.53	276	24737	0.359	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
Data File : BE097802.D
Acq On : 8 Oct 2018 20:34
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 09 06:58:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 06:37:06 2018
Response via : Initial Calibration



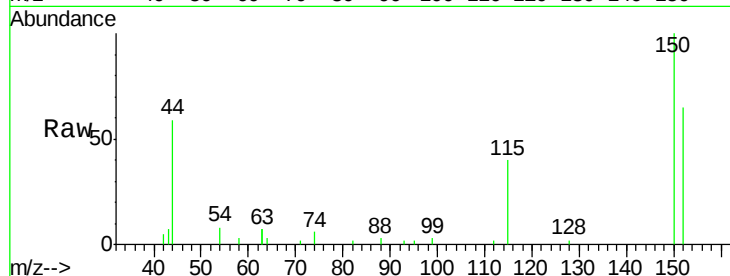


#1

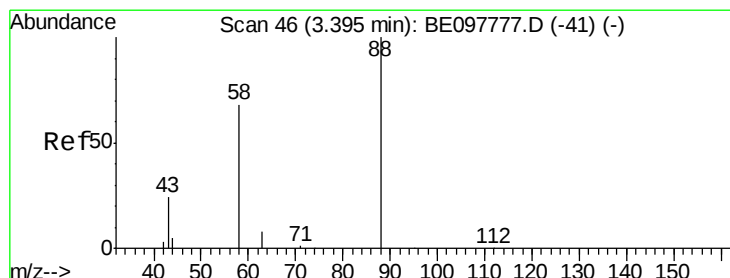
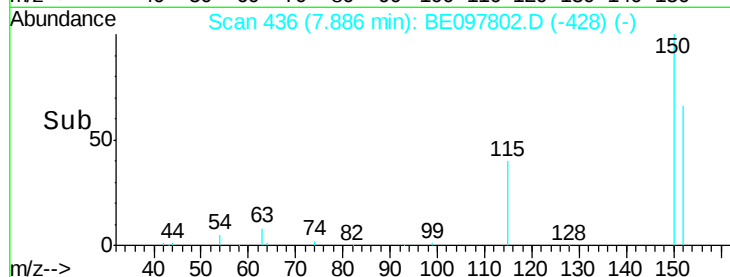
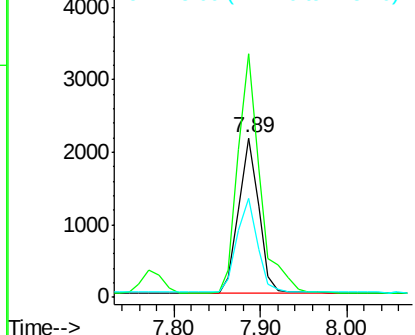
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097802.D
Acq: 8 Oct 2018 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 3456
Ion Ratio Lower Upper
152 100
150 152.7 120.9 181.3
115 61.7 46.6 69.8



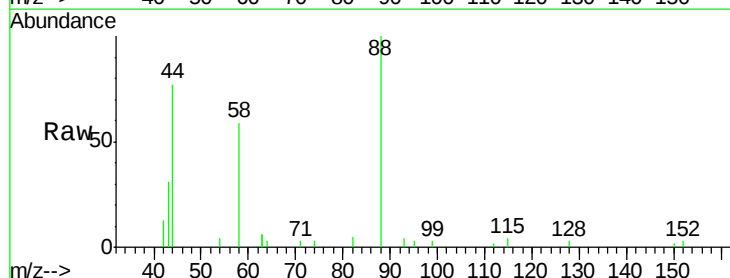
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



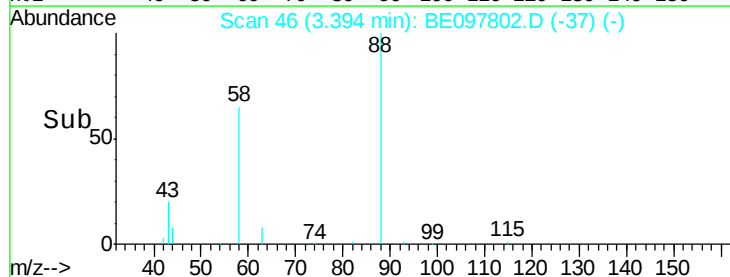
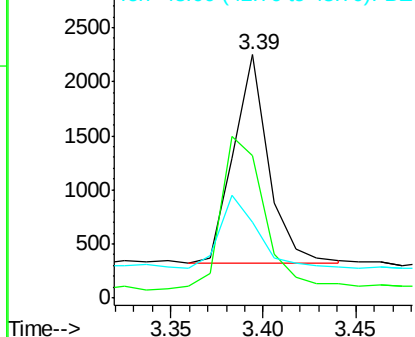
#2

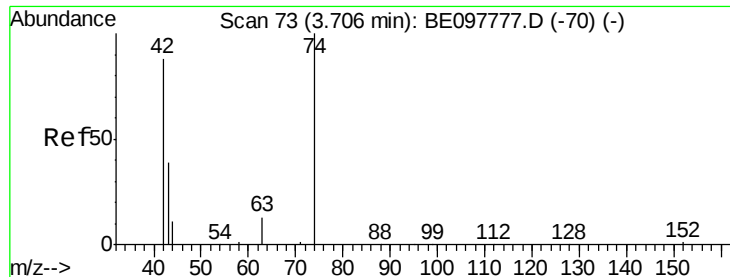
1,4-Dioxane
Concen: 0.372 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097802.D
Acq: 8 Oct 2018 20:34

Tgt Ion: 88 Resp: 2560
Ion Ratio Lower Upper
88 100
58 90.2 70.8 106.2
43 35.4 33.3 49.9



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: 0.345 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

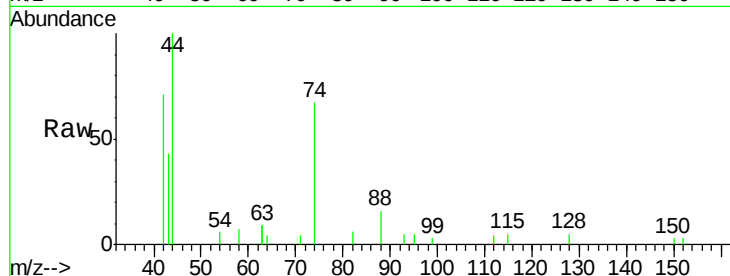
Tgt Ion: 42 Resp: 2162

Ion Ratio Lower Upper

42 100

74 92.4 70.7 106.1

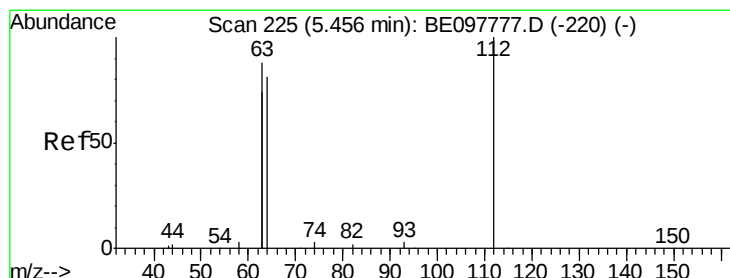
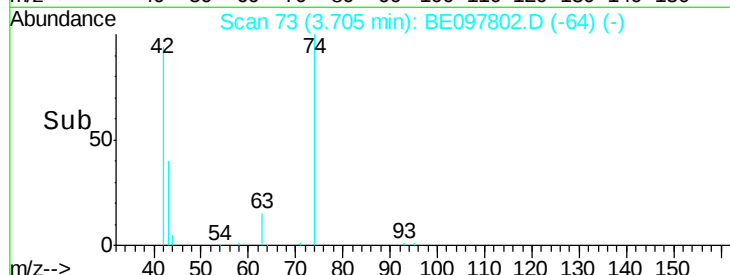
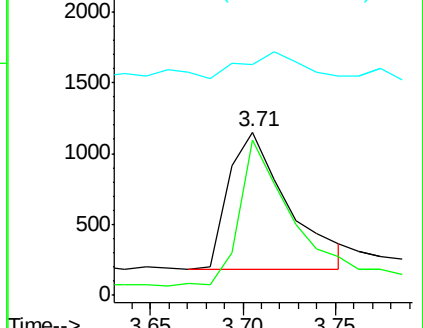
44 19.3 15.0 22.4



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: 0.371 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

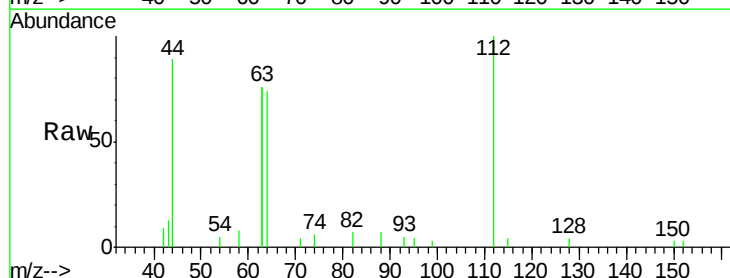
Tgt Ion: 112 Resp: 3031

Ion Ratio Lower Upper

112 100

64 72.7 56.6 84.8

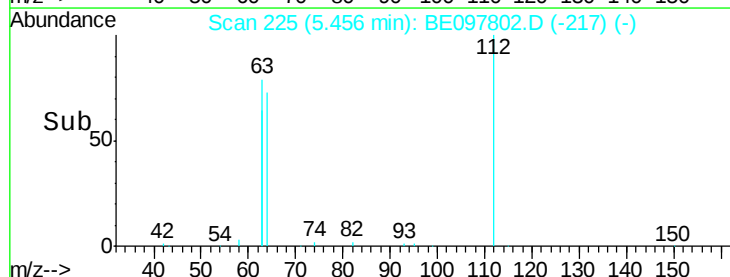
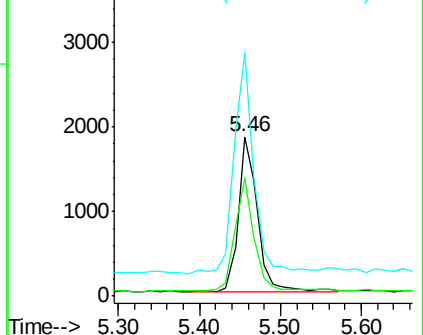
63 147.0 119.4 179.0

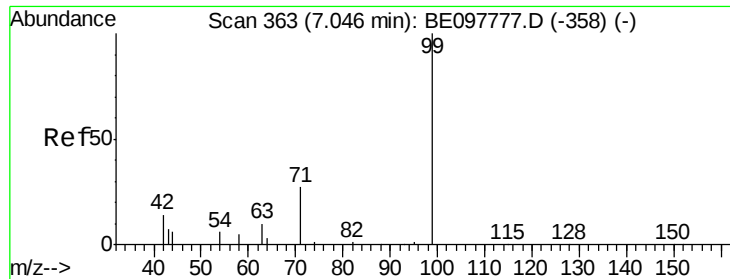


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.354 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

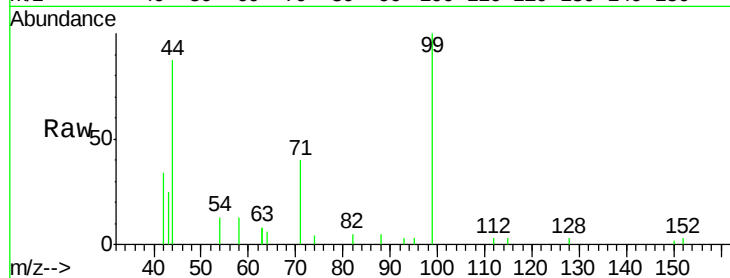
Tgt Ion: 99 Resp: 4442

Ion Ratio Lower Upper

99 100

42 25.9 19.9 29.9

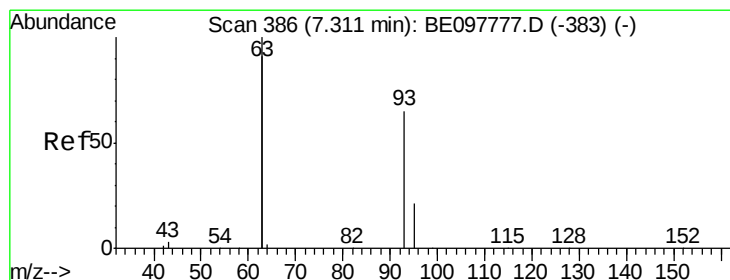
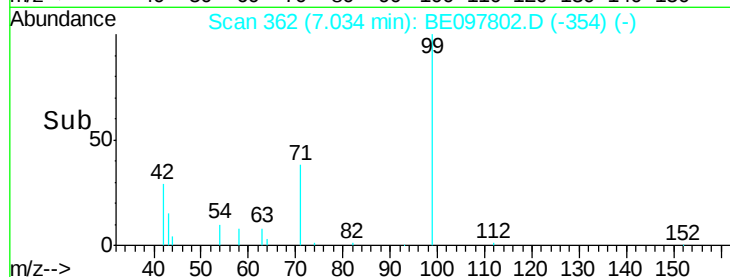
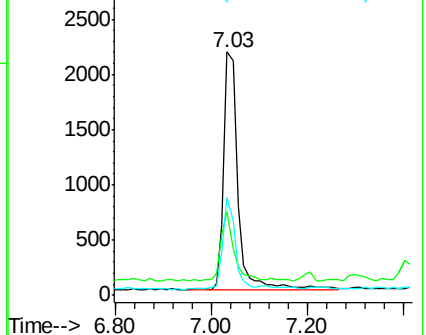
71 34.5 25.4 38.2



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: 0.375 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

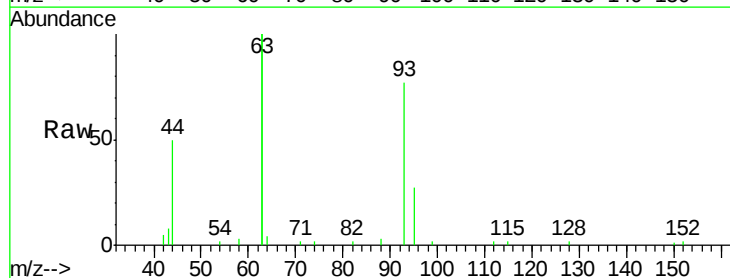
Tgt Ion: 93 Resp: 4858

Ion Ratio Lower Upper

93 100

63 336.5 266.9 400.3

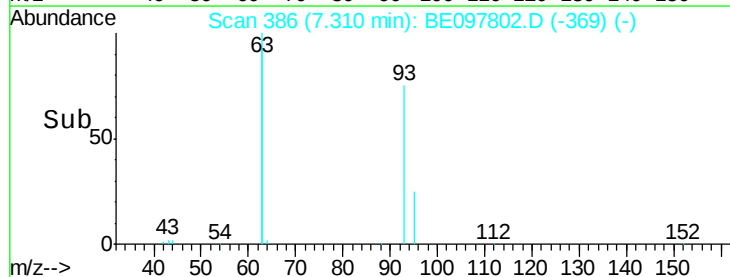
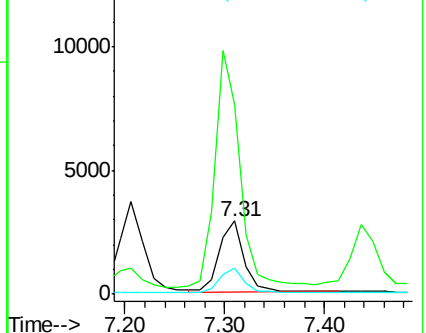
95 34.2 26.2 39.2

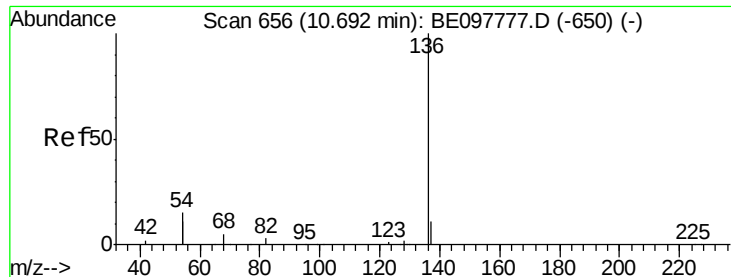


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 14829

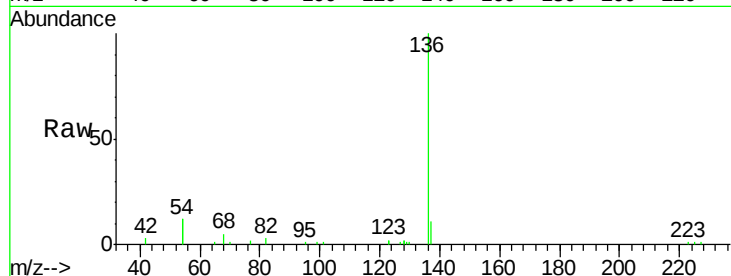
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 24.6 37.8 56.6#

68 4.8 6.4 9.6#

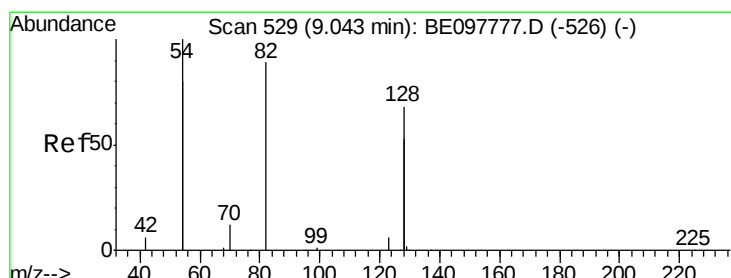
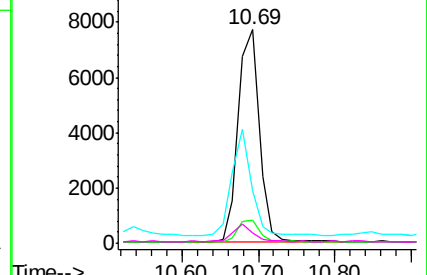
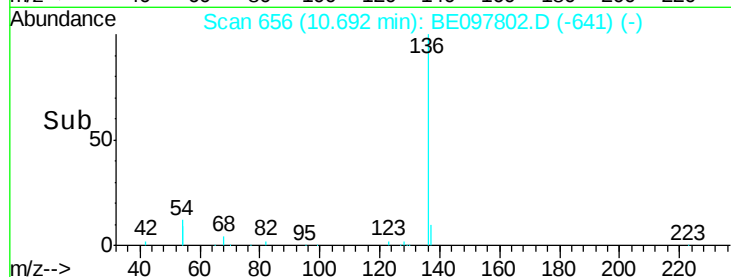


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.674 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

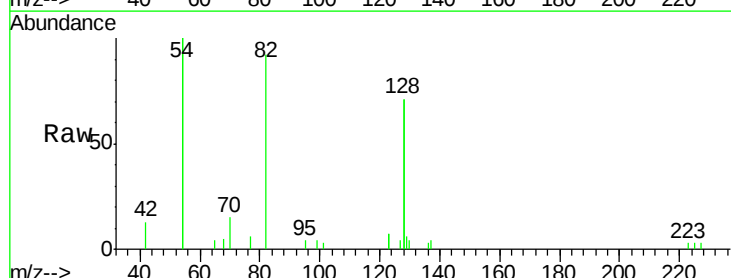
Tgt Ion: 82 Resp: 3246

Ion Ratio Lower Upper

82 100

128 154.1 97.0 145.4#

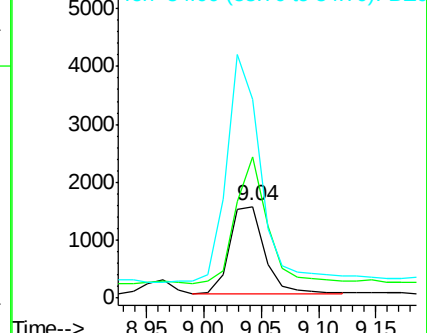
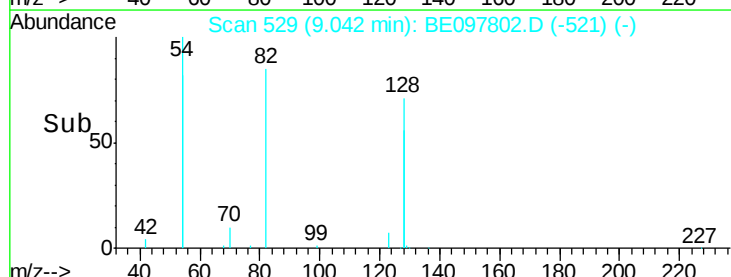
54 218.1 206.9 310.3

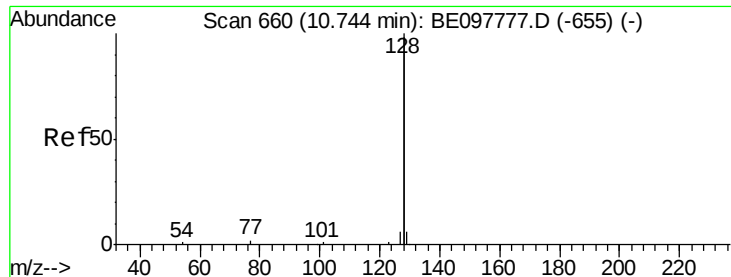


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

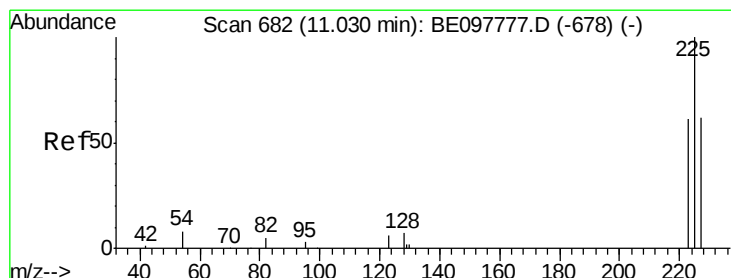
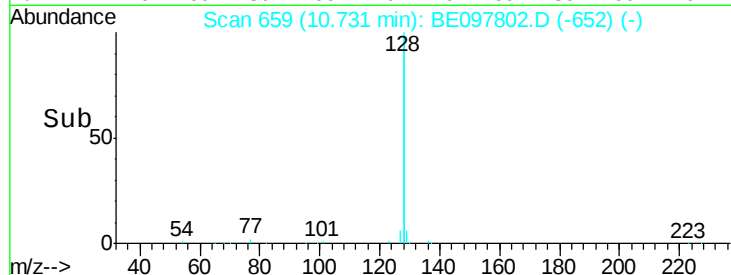
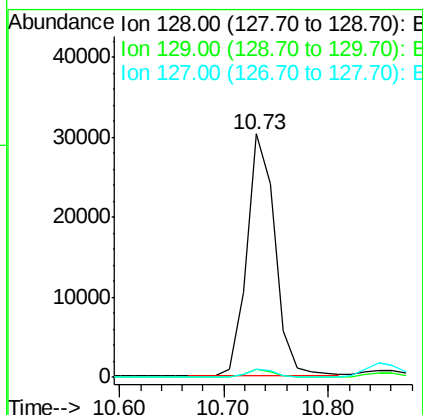
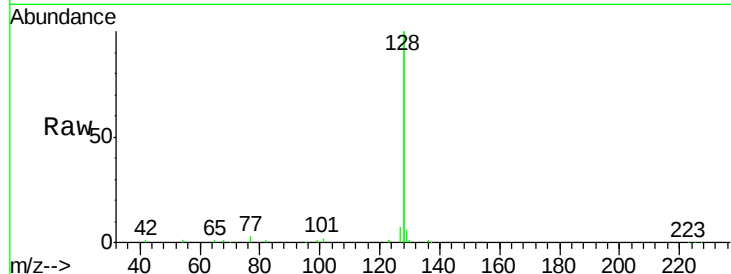




#9
Naphthalene
Concen: 0.379 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097802.D
Acq: 8 Oct 2018 20:34

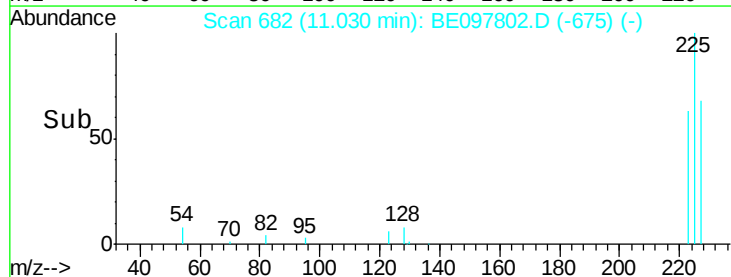
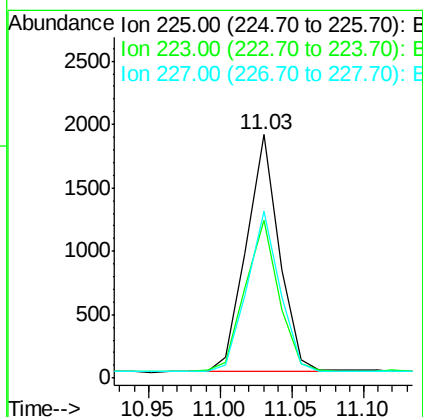
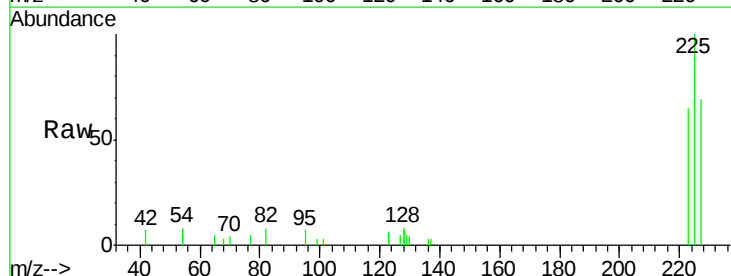
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

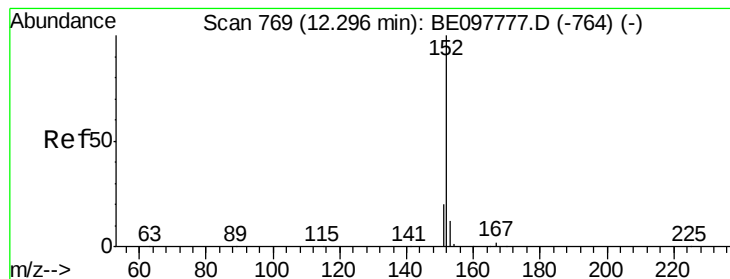
Tgt Ion:128 Resp: 56679
Ion Ratio Lower Upper
128 100
129 3.2 2.2 3.2
127 3.4 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097802.D
Acq: 8 Oct 2018 20:34

Tgt Ion:225 Resp: 2971
Ion Ratio Lower Upper
225 100
223 65.1 52.2 78.4
227 67.6 51.2 76.8





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

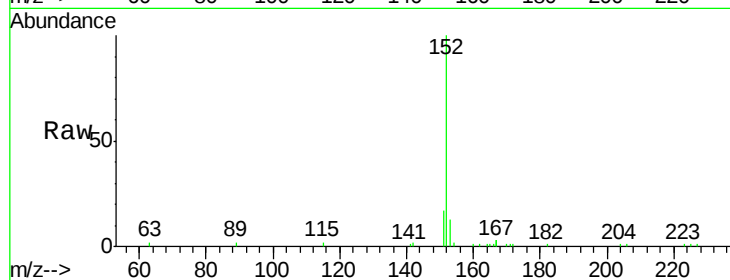
SSTDCCC0.4

Tgt Ion:152 Resp: 8891

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

5000

4000

3000

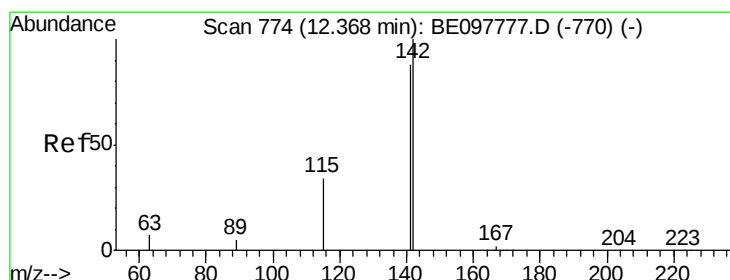
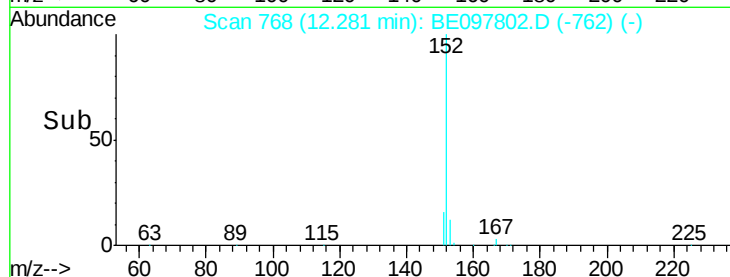
2000

1000

0

Time-->

12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

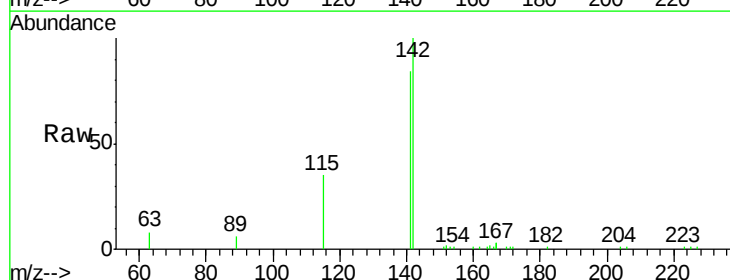
Tgt Ion:142 Resp: 9194

Ion Ratio Lower Upper

142 100

141 83.9 69.4 104.2

115 35.4 28.0 42.0



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

12.37

6000

5000

4000

3000

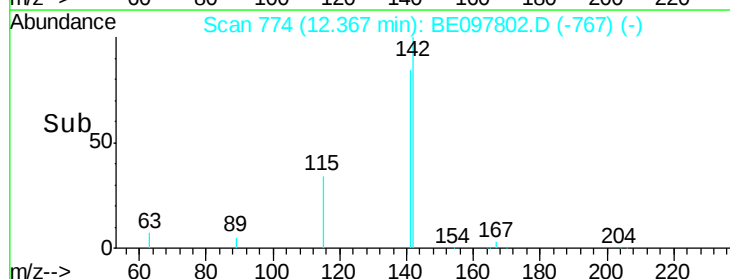
2000

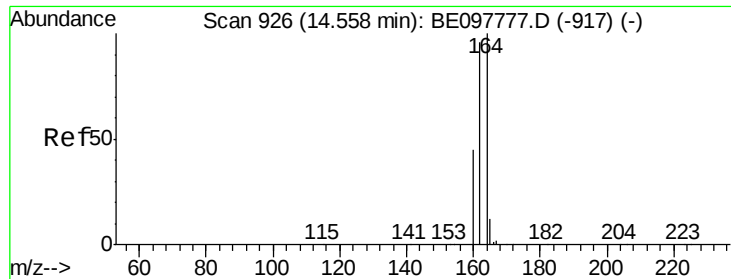
1000

0

Time-->

12.30 12.35 12.40

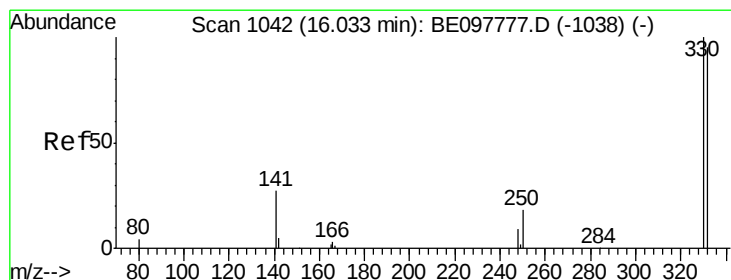
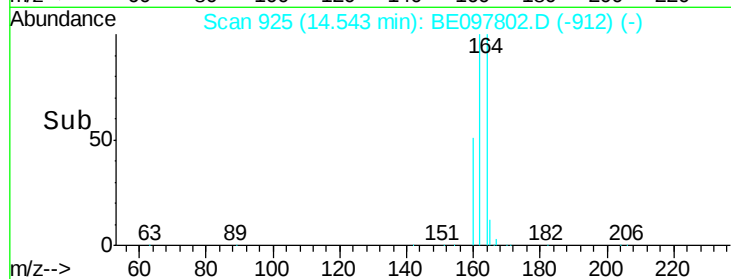
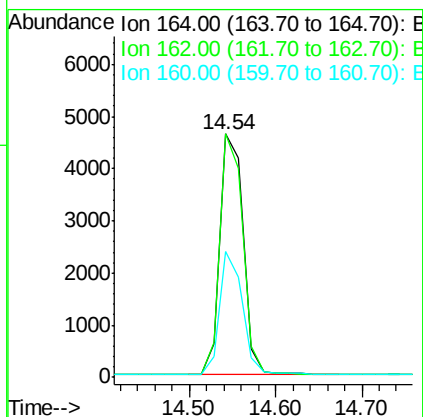
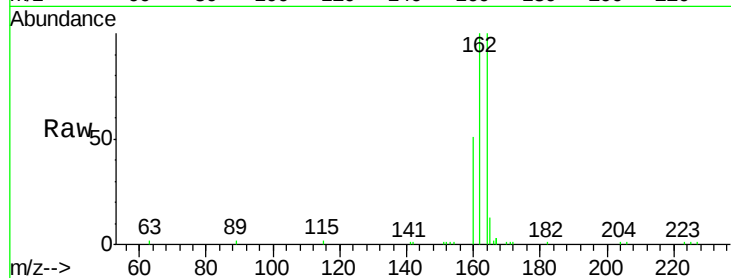




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097802.D
 Acq: 8 Oct 2018 20:34

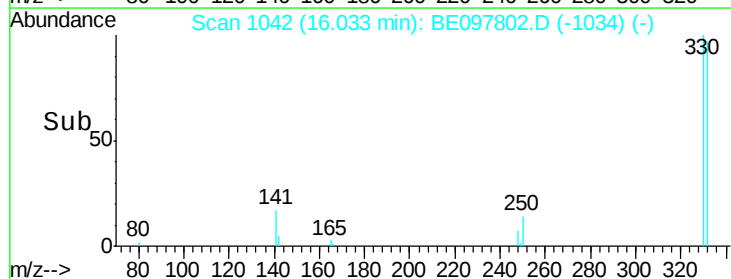
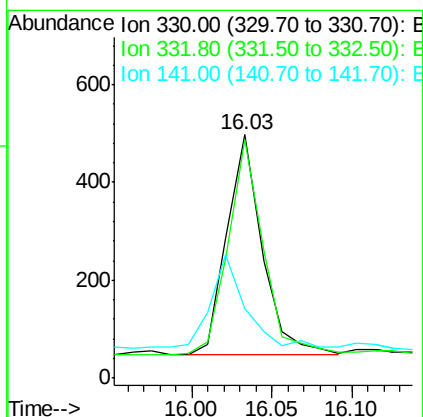
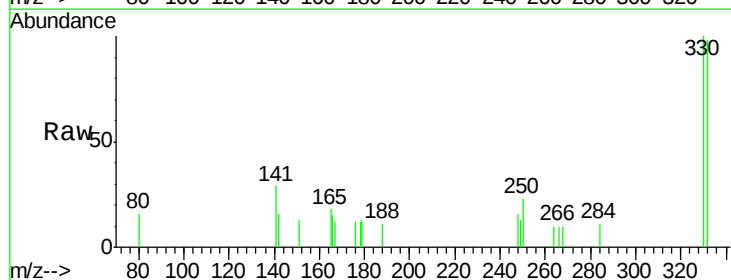
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

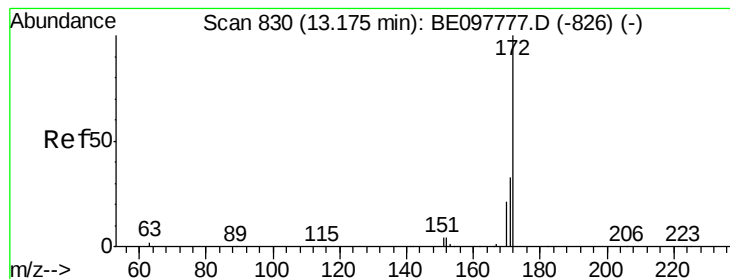
Tgt Ion:164 Resp: 8608
 Ion Ratio Lower Upper
 164 100
 162 100.0 78.6 117.8
 160 51.5 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.441 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097802.D
 Acq: 8 Oct 2018 20:34

Tgt Ion:330 Resp: 688
 Ion Ratio Lower Upper
 330 100
 332 98.8 83.5 125.3
 141 43.8 34.9 52.3





#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

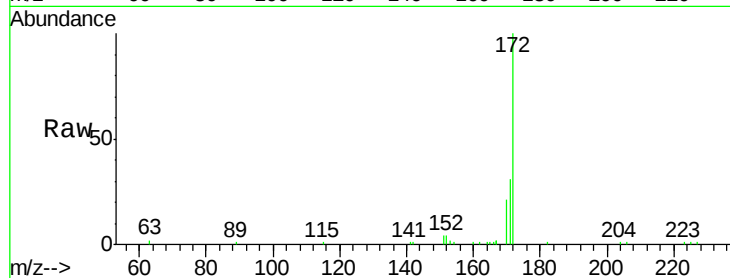
Tgt Ion:172 Resp: 13956

Ion Ratio Lower Upper

172 100

171 31.2 25.2 37.8

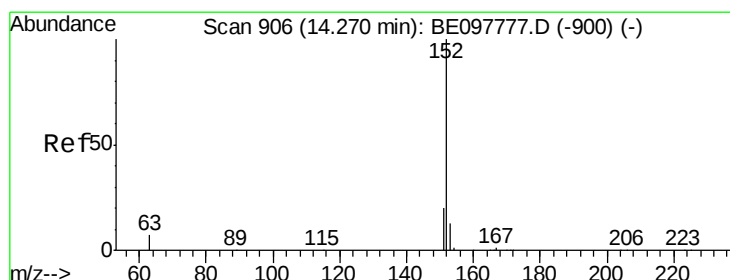
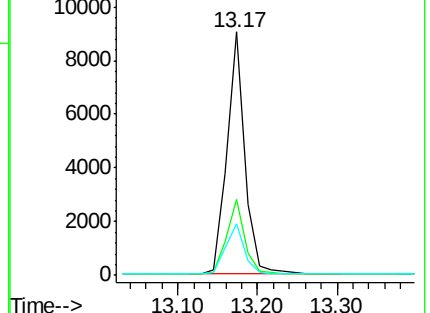
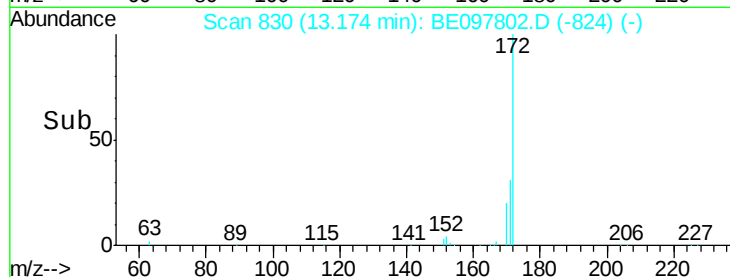
170 21.0 16.2 24.2



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: 0.356 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

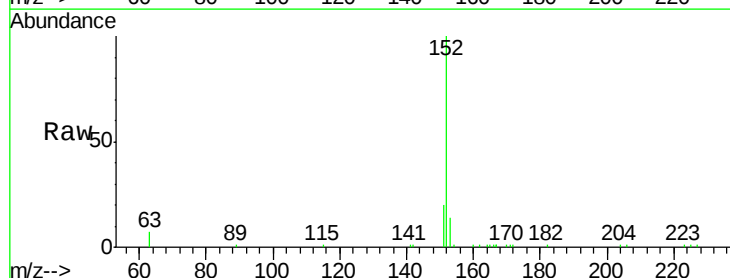
Tgt Ion:152 Resp: 13560

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9

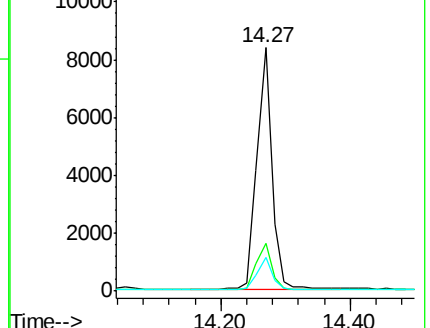
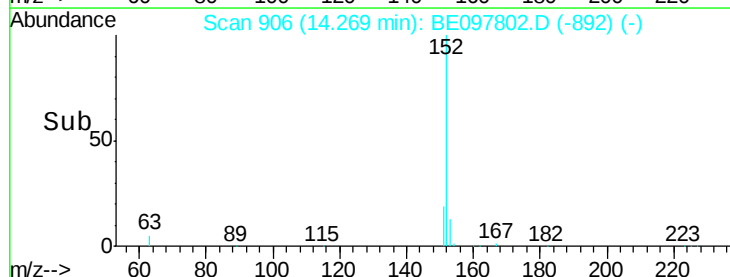
153 13.5 10.8 16.2

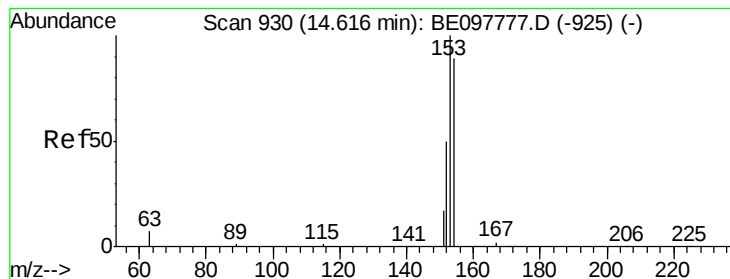


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.377 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

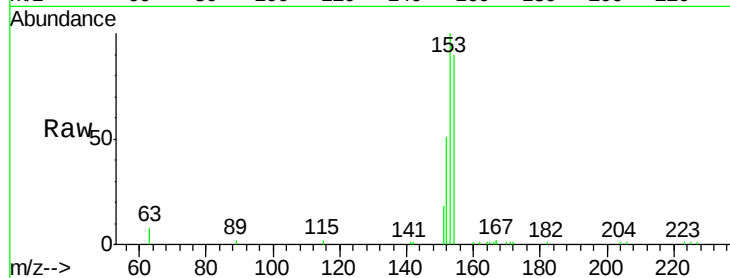
Tgt Ion:154 Resp: 9195

Ion Ratio Lower Upper

154 100

153 114.0 93.3 139.9

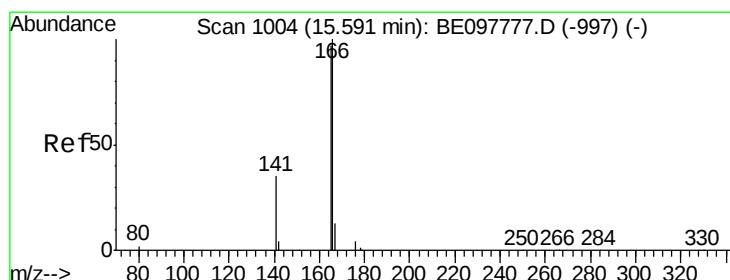
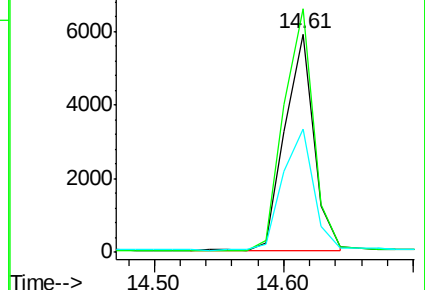
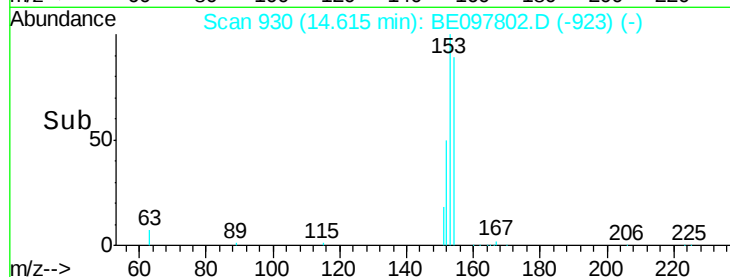
152 59.1 48.9 73.3



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: 0.375 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

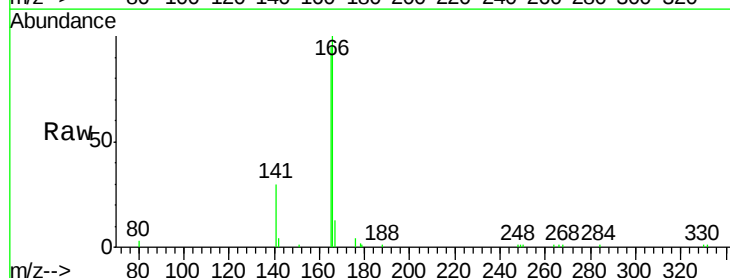
Tgt Ion:166 Resp: 12155

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

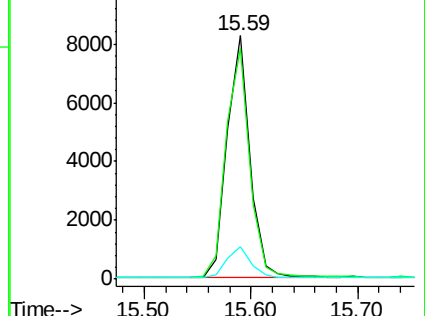
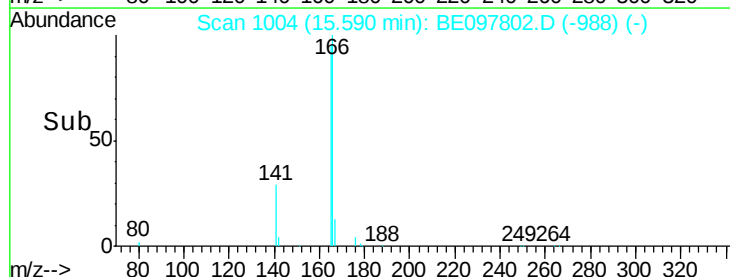
167 13.2 11.1 16.7

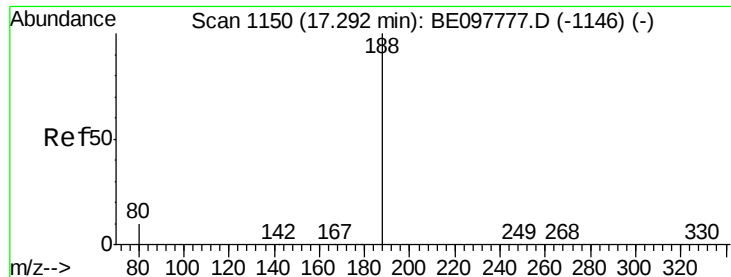


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

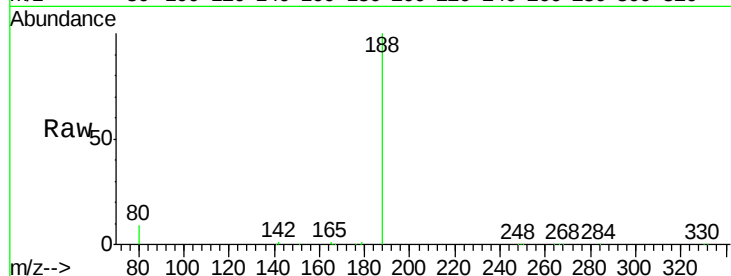
Tgt Ion:188 Resp: 24010

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

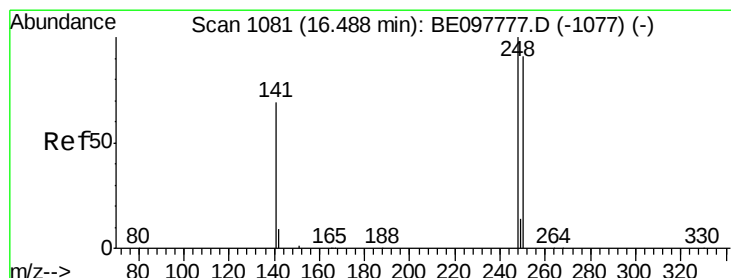
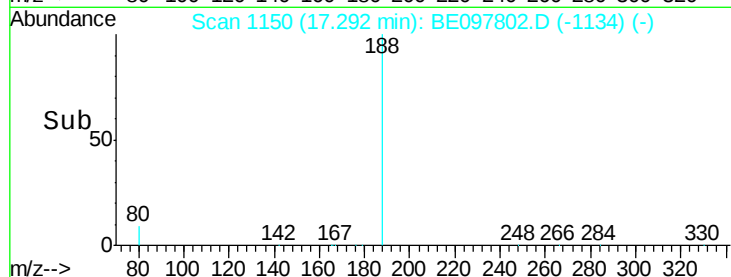
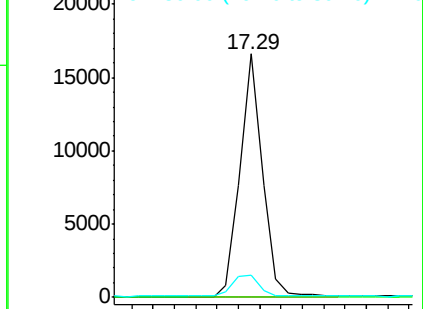
80 8.9 6.6 9.8



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: 0.367 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

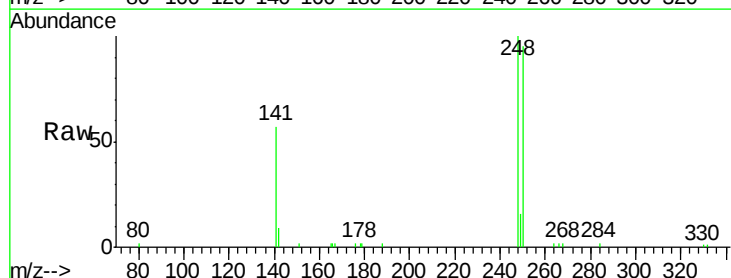
Tgt Ion:248 Resp: 4625

Ion Ratio Lower Upper

248 100

250 95.0 76.1 114.1

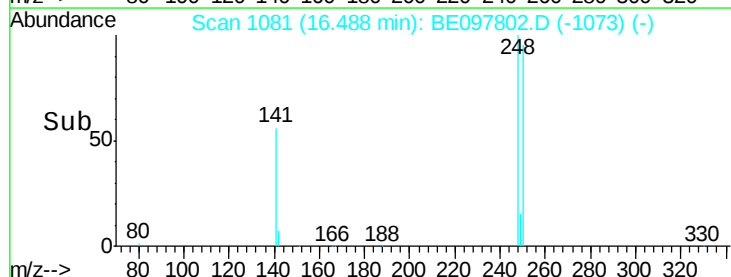
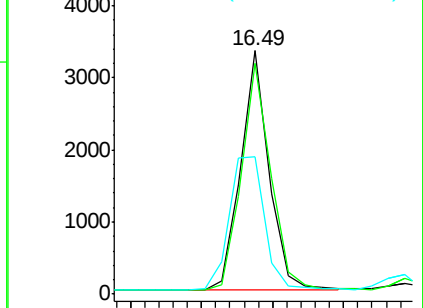
141 56.6 42.2 63.4

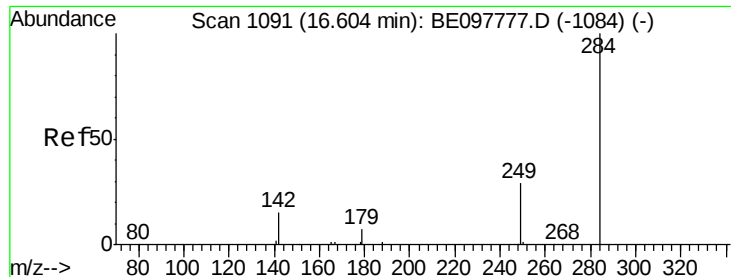


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.359 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

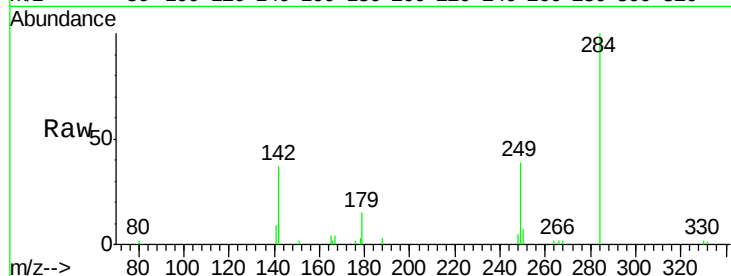
Tgt Ion:284 Resp: 5084

Ion Ratio Lower Upper

284 100

142 34.1 24.9 37.3

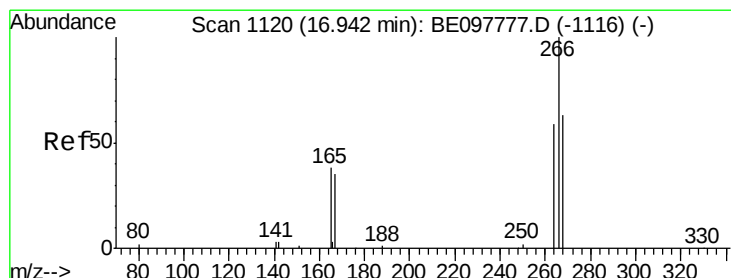
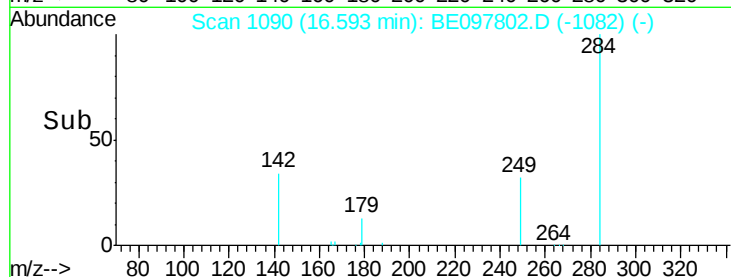
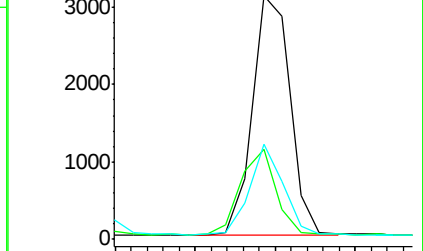
249 33.5 25.8 38.8



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: 0.558 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

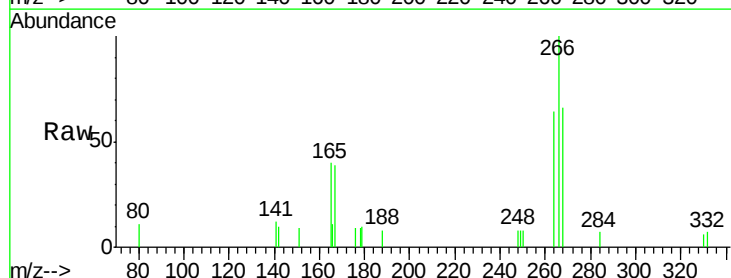
Tgt Ion:266 Resp: 1241

Ion Ratio Lower Upper

266 100

264 63.5 46.8 70.2

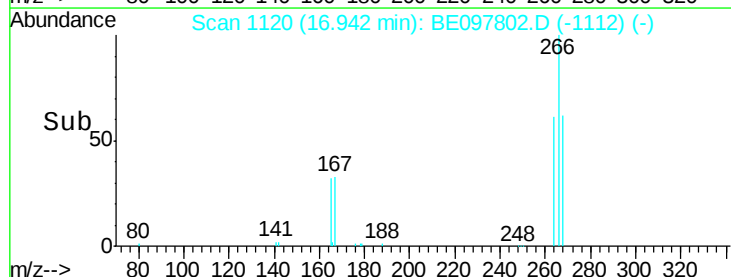
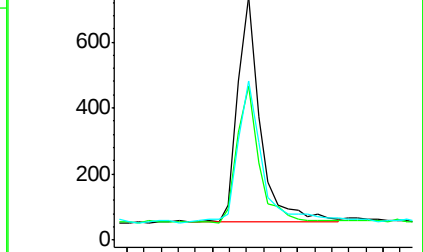
268 65.5 53.0 79.6

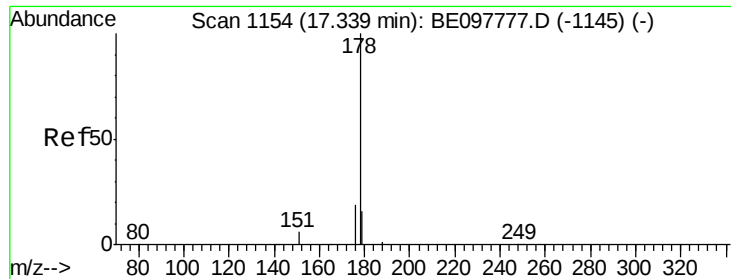


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

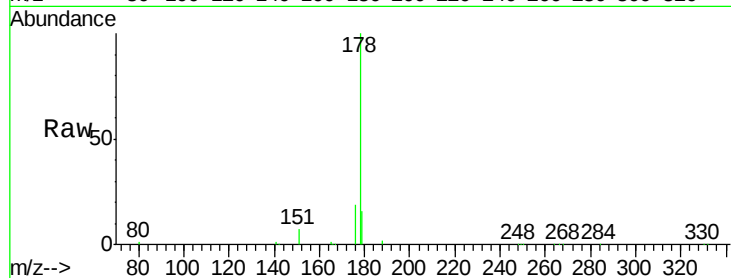
Tgt Ion:178 Resp: 23152

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

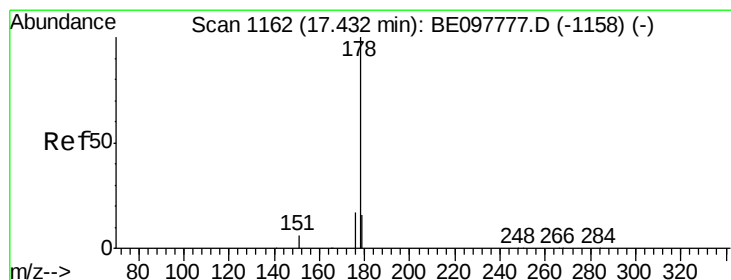
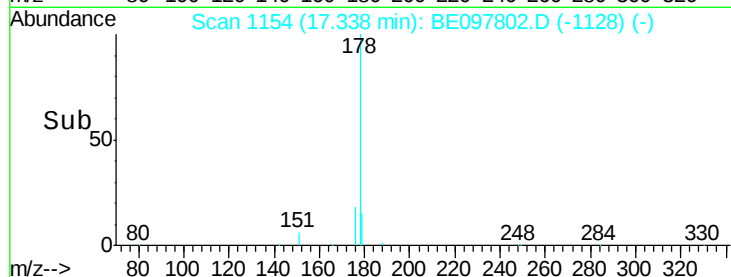
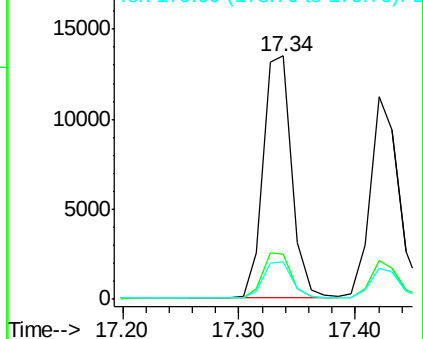
179 15.3 12.2 18.4



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: 0.353 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

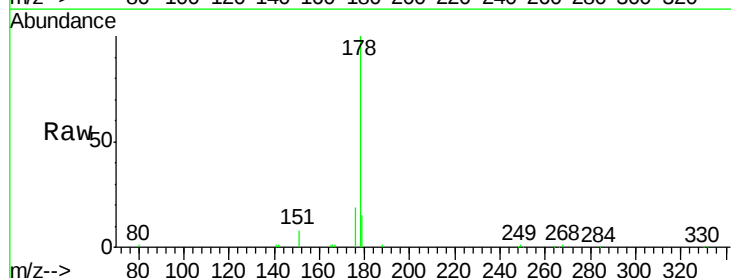
Tgt Ion:178 Resp: 18848

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

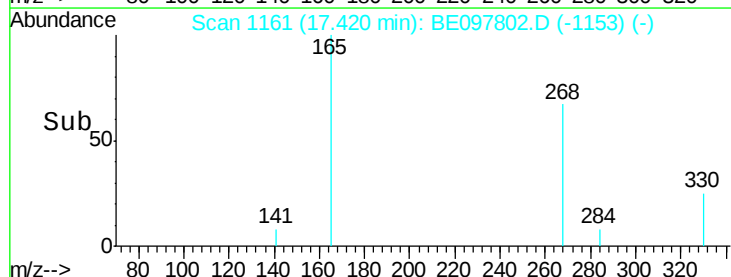
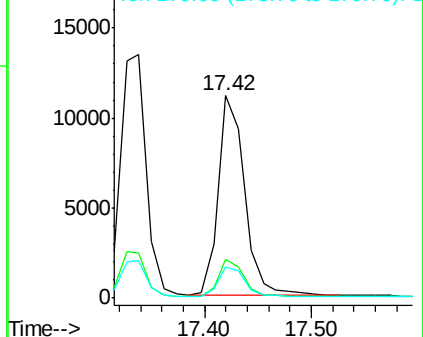
179 15.2 12.2 18.2

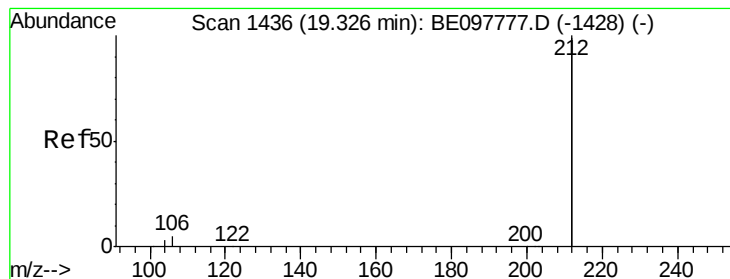


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

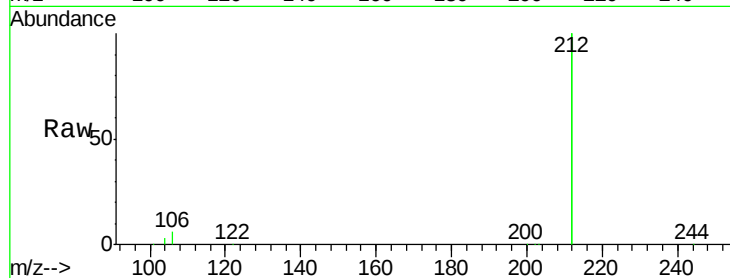
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

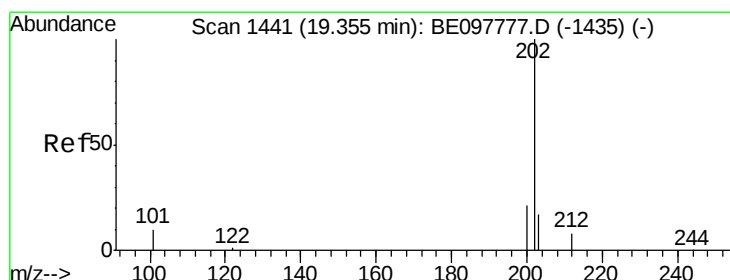
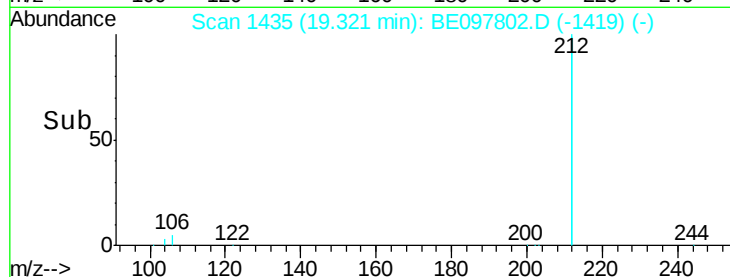
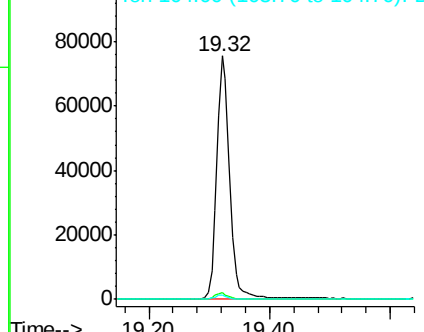
Tgt Ion:	212	Resp:	112117
Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.2	1.8



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: 0.367 ng

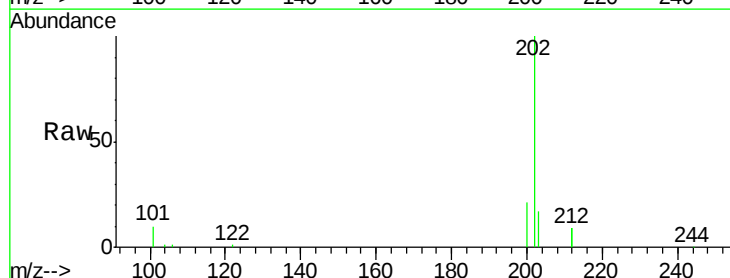
RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

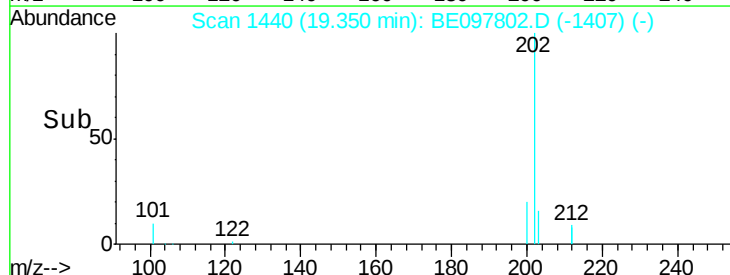
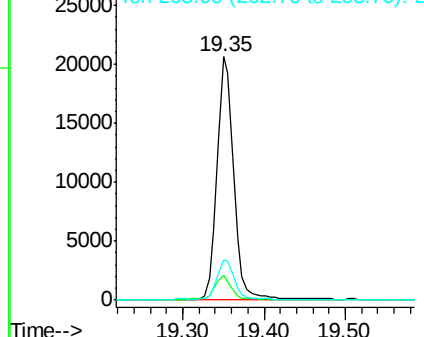
Tgt Ion:	202	Resp:	28929
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.8
203	16.7	13.8	20.6

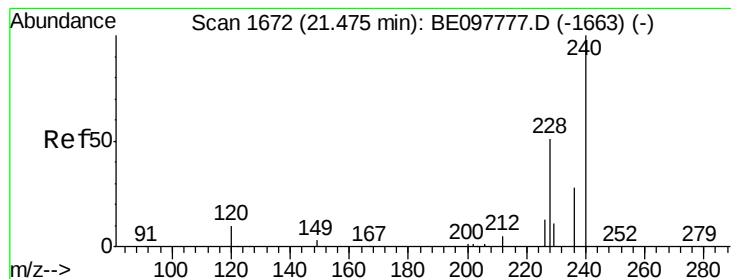


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

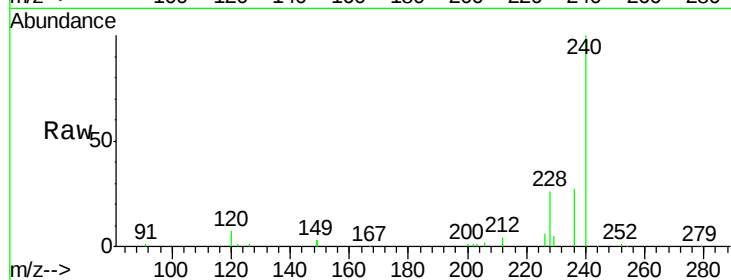
Tgt Ion:240 Resp: 29183

Ion Ratio Lower Upper

240 100

120 7.3 4.7 7.1#

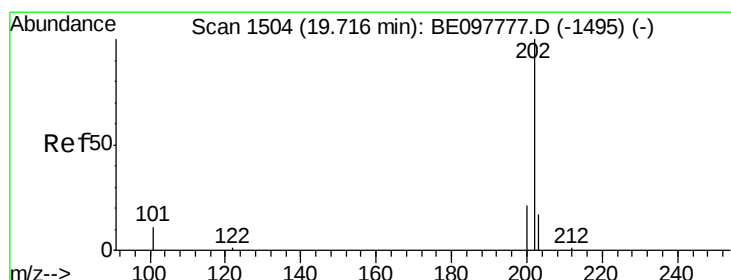
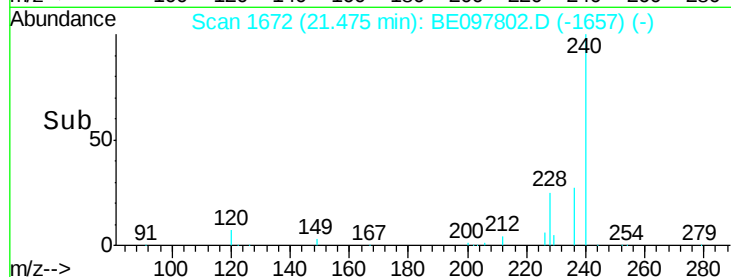
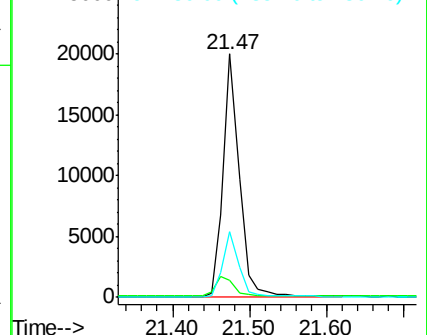
236 26.9 20.8 31.2



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: 0.401 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

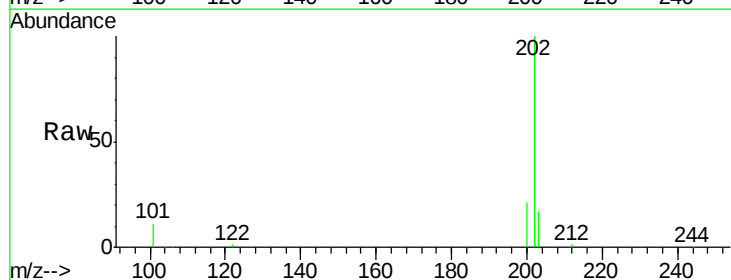
Tgt Ion:202 Resp: 29739

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

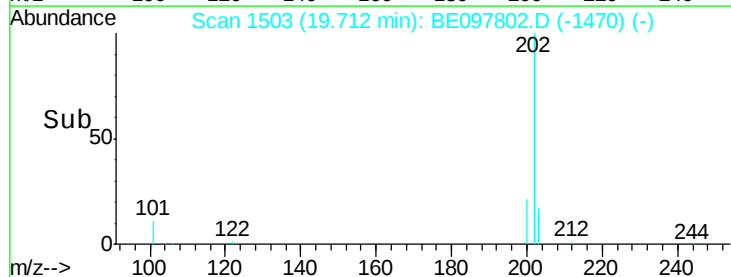
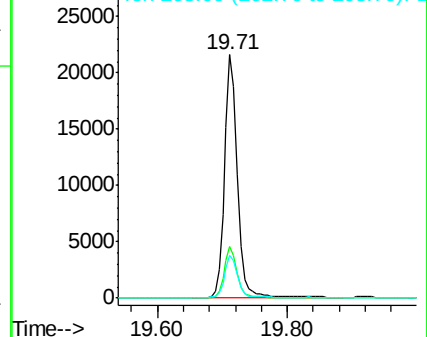
203 17.4 13.9 20.9

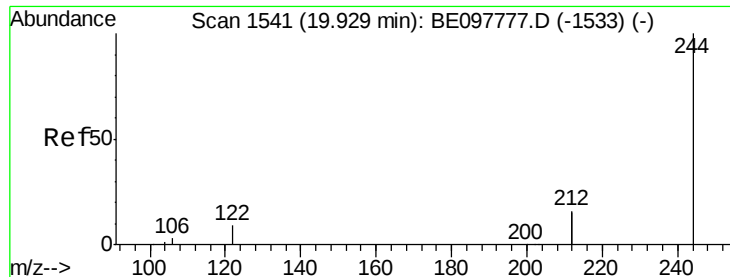


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

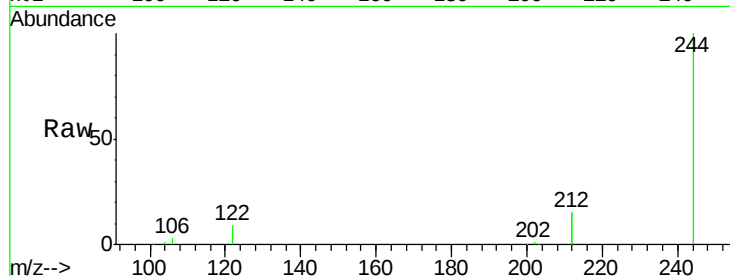
Tgt Ion:244 Resp: 24041

Ion Ratio Lower Upper

244 100

212 31.0 25.8 38.8

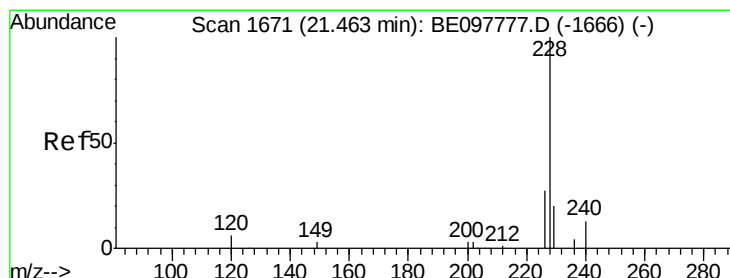
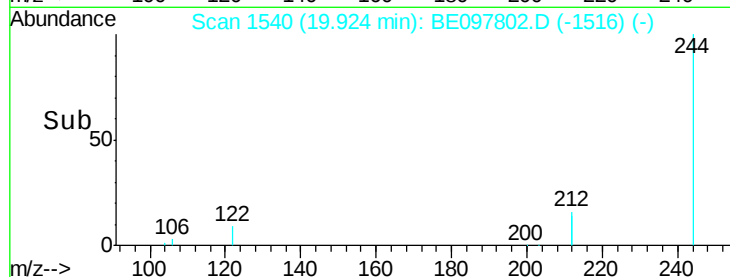
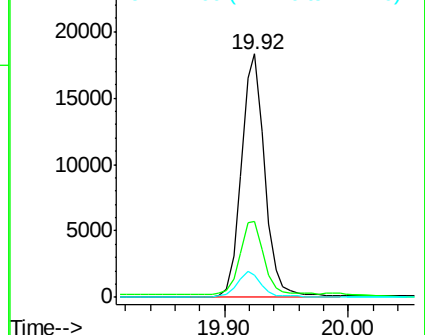
122 8.9 8.7 13.1



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: 0.358 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

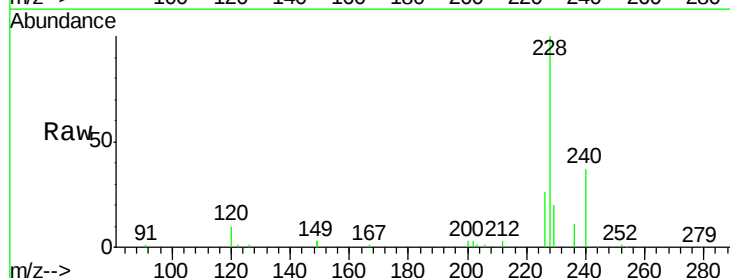
Tgt Ion:228 Resp: 28092

Ion Ratio Lower Upper

228 100

226 26.0 20.7 31.1

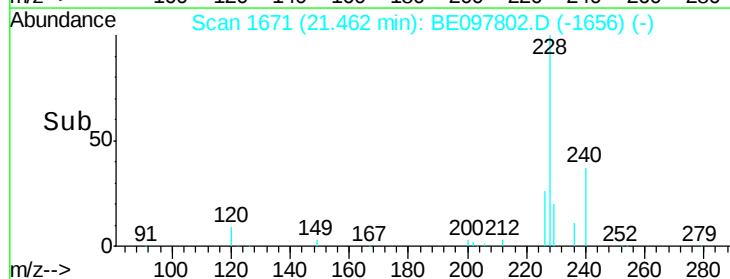
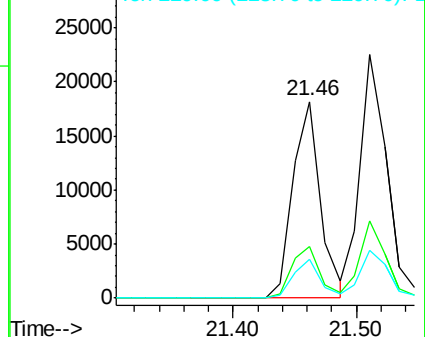
229 19.9 15.7 23.5

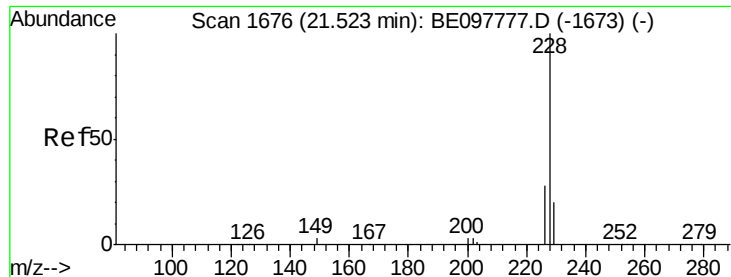


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.384 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

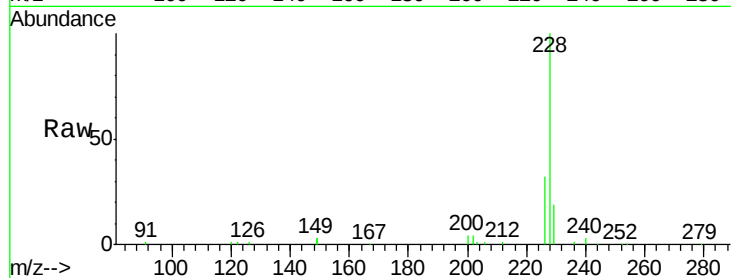
Tgt Ion:228 Resp: 33640

Ion Ratio Lower Upper

228 100

226 31.8 24.3 36.5

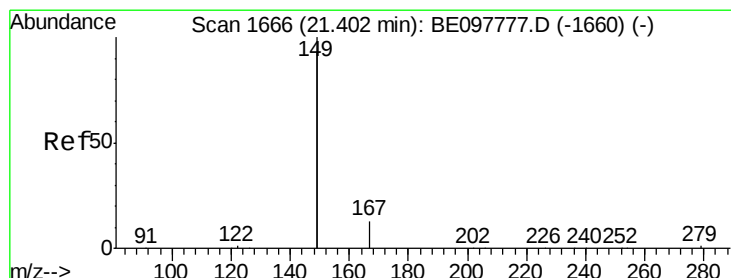
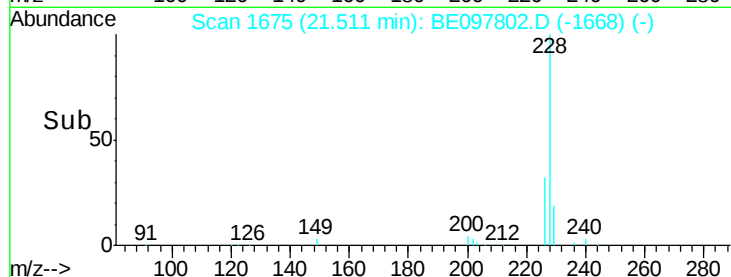
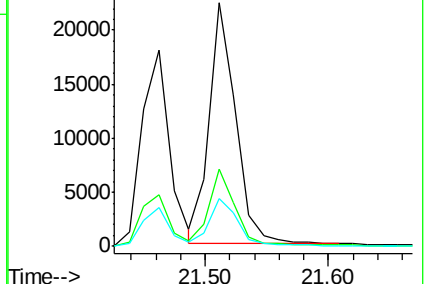
229 19.5 16.0 24.0



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: 0.379 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

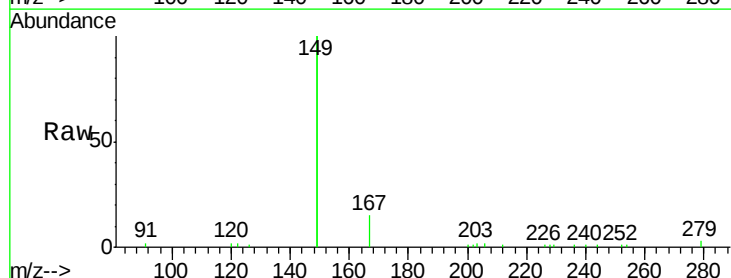
Tgt Ion:149 Resp: 21761

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

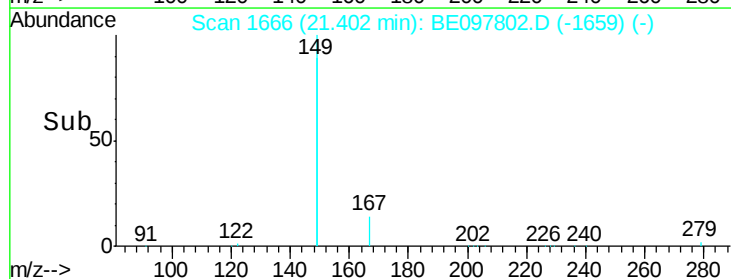
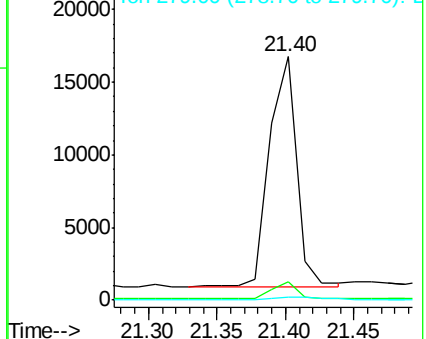
279 1.0 0.9 1.3

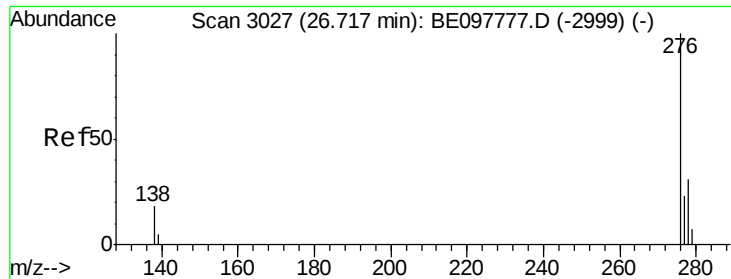


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

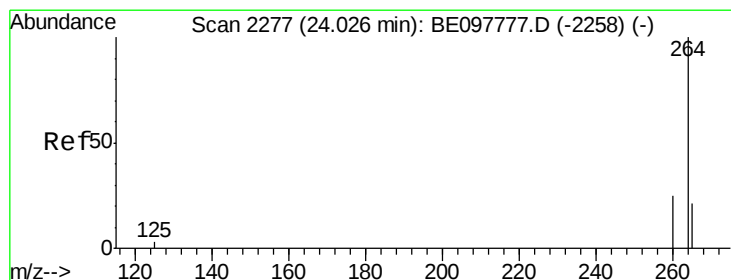
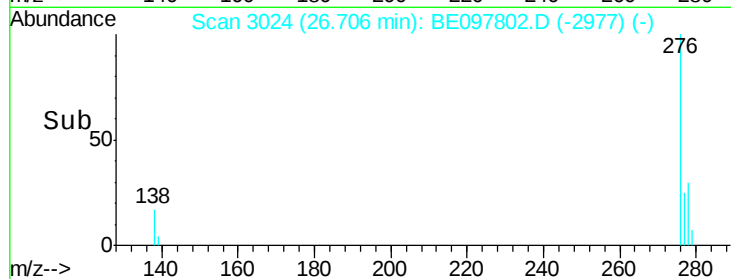
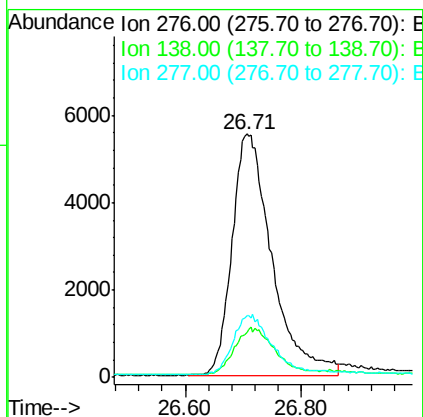
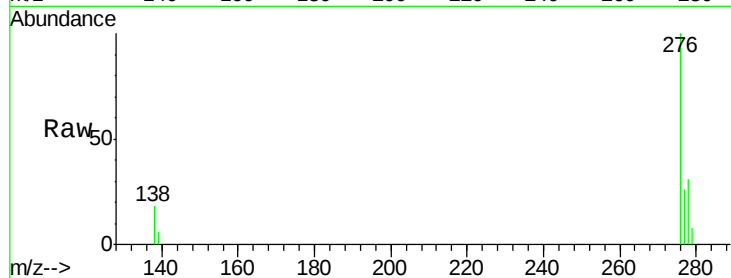




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.345 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. -0.03 min
 Lab File: BE097802.D
 Acq: 8 Oct 2018 20:34

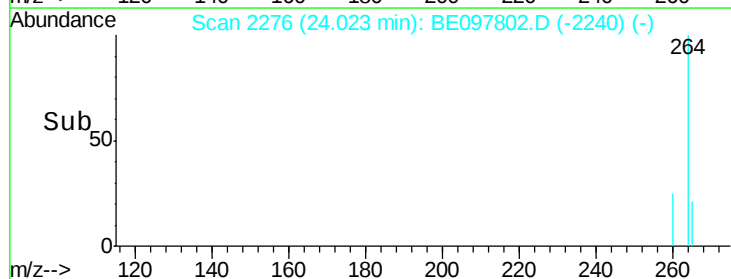
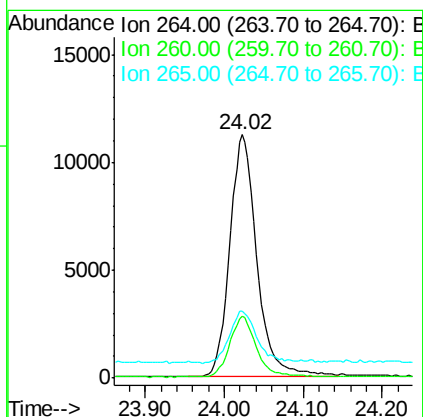
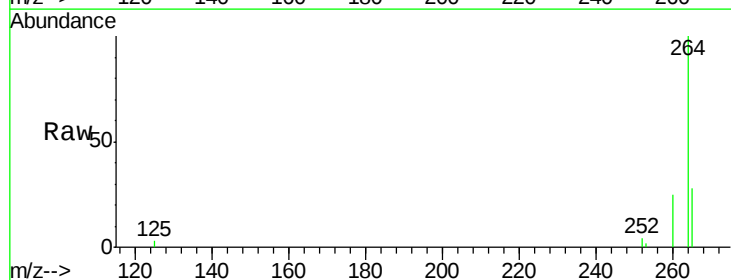
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

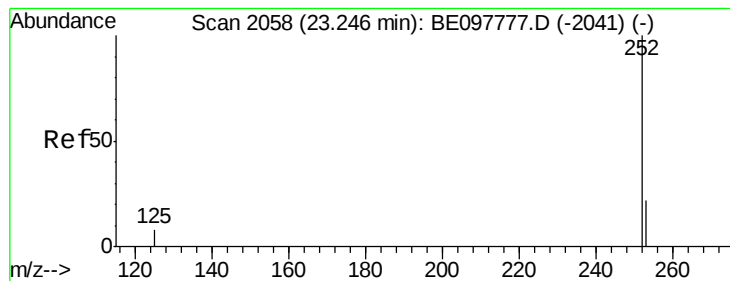
Tgt Ion:276 Resp: 26285
 Ion Ratio Lower Upper
 276 100
 138 19.9 15.0 22.6
 277 24.0 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097802.D
 Acq: 8 Oct 2018 20:34

Tgt Ion:264 Resp: 26898
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.1 28.7
 265 27.7 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.346 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

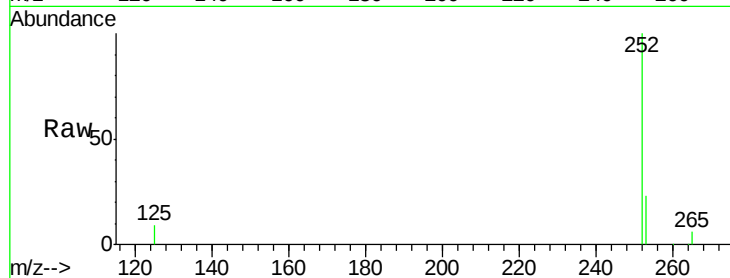
Tgt Ion:252 Resp: 25514

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 9.1 7.8 11.8

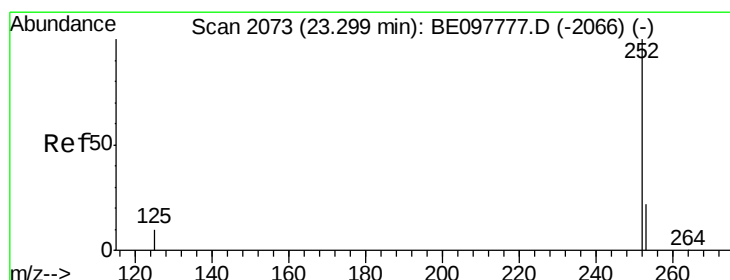
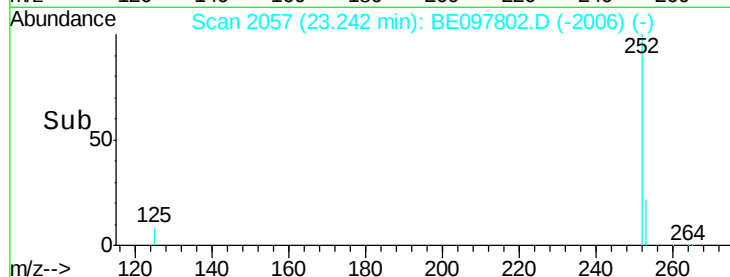
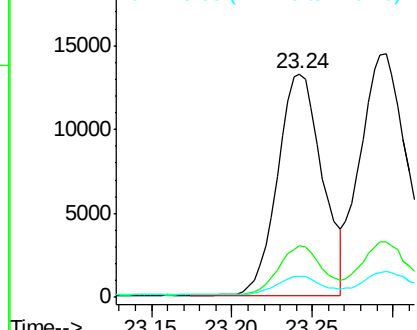


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.383 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

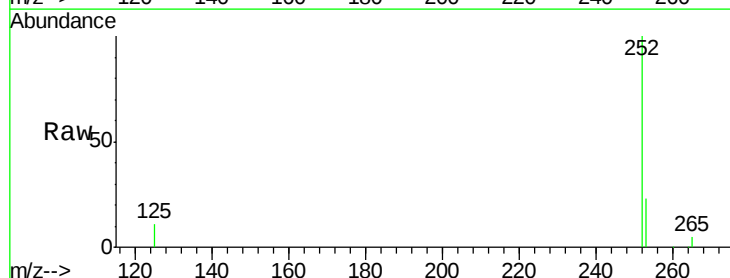
Tgt Ion:252 Resp: 31356

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.7 7.5 11.3

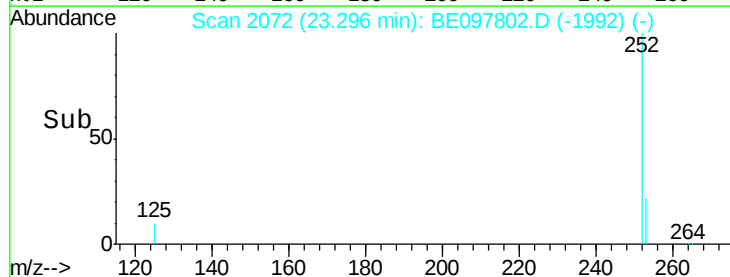
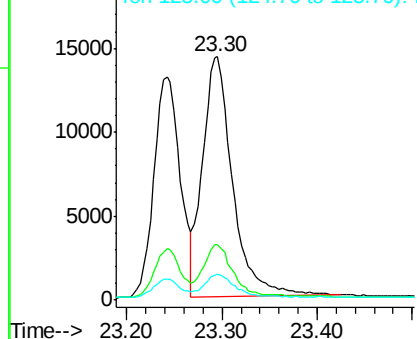


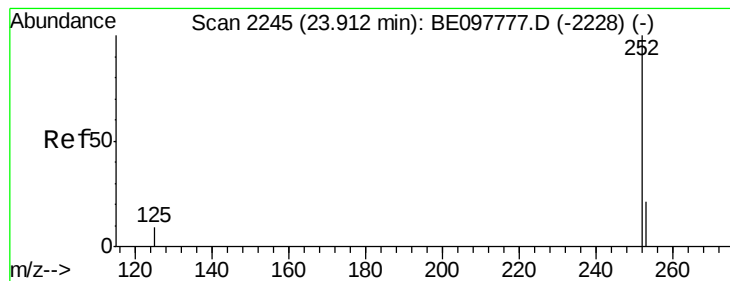
Abundance

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: 0.345 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

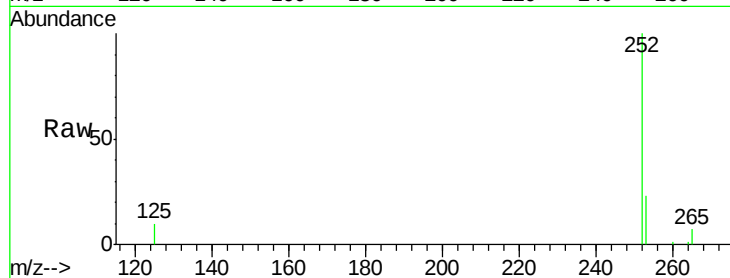
Tgt Ion:252 Resp: 23039

Ion Ratio Lower Upper

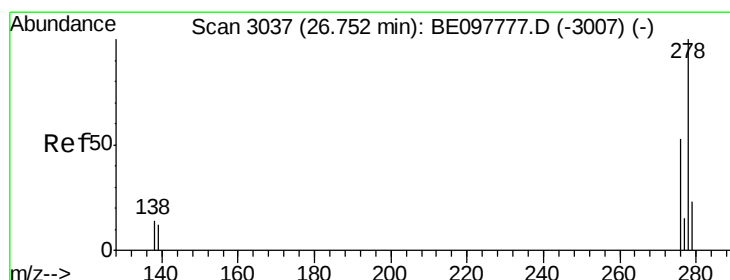
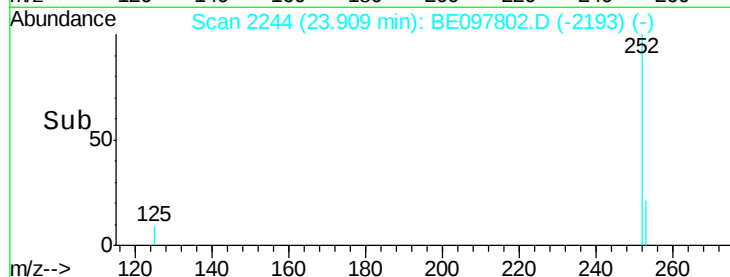
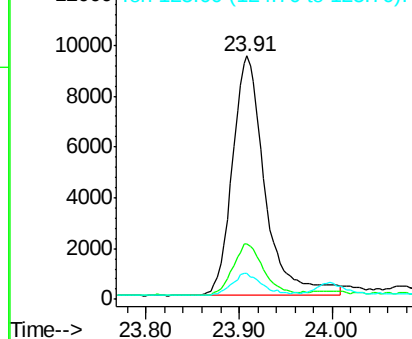
252 100

253 22.7 17.7 26.5

125 10.4 8.3 12.5



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



#38

Dibenzo(a,h)anthracene

Concen: 0.332 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.03 min

Lab File: BE097802.D

Acq: 8 Oct 2018 20:34

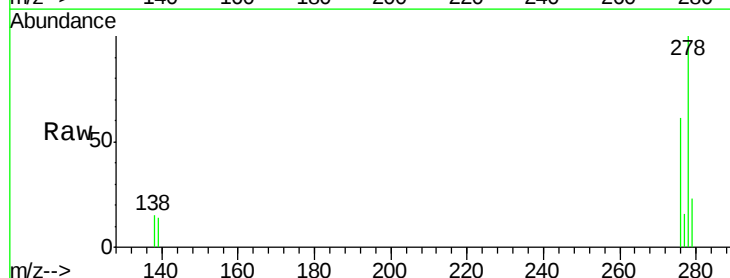
Tgt Ion:278 Resp: 21868

Ion Ratio Lower Upper

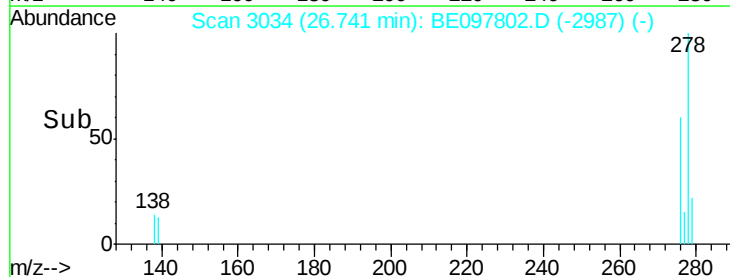
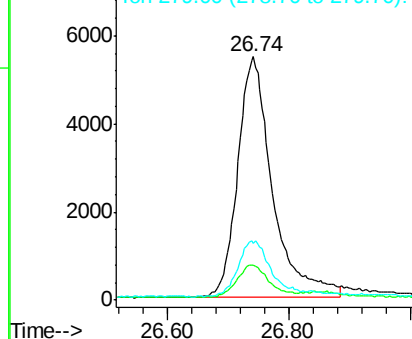
278 100

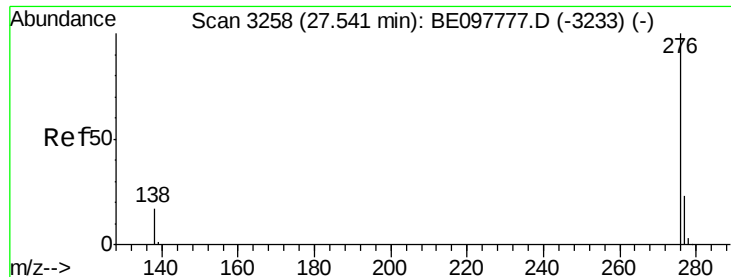
139 14.4 10.3 15.5

279 23.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.359 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.03 min

Lab File: BE097802.D

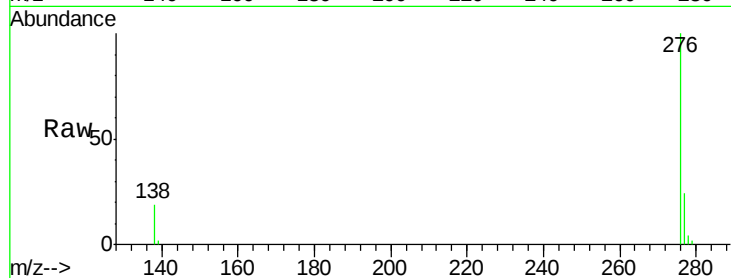
Acq: 8 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



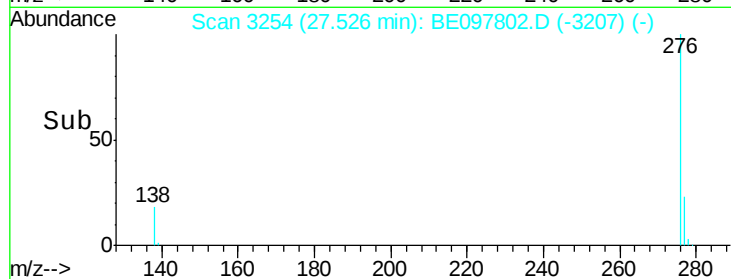
Tgt Ion: 276 Resp: 24737

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.0 14.2 21.2



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

