

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097775.D
 Acq On : 6 Oct 2018 4:15
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Oct 06 05:02:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3570	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15273	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9215	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	24392	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31984	0.40	ng	-0.01
34) Perylene-d12	24.03	264	30344	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	3380	0.40	ng	0.00
5) Phenol-d6	7.04	99	5106	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	3624	0.73	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9443	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	866	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14397	0.35	ng	-0.02
25) Fluoranthene-d10	19.33	212	120007	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	25393	0.39	ng	-0.01

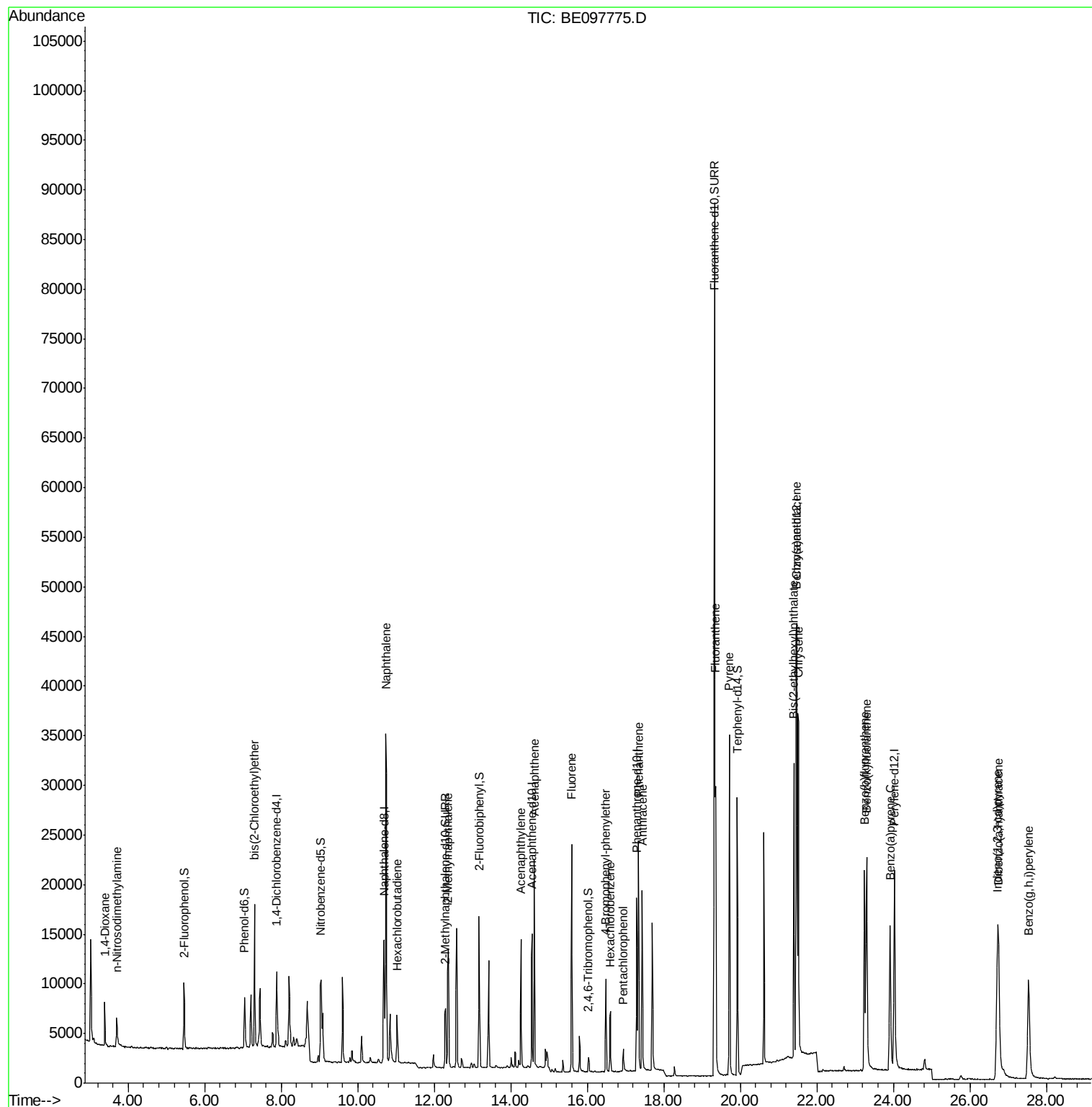
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	2594	0.365	ng	95
3) n-Nitrosodimethylamine	3.70	42	2234	0.345	ng	# 83
6) bis(2-Chloroethyl)ether	7.31	93	5107	0.381	ng	99
9) Naphthalene	10.73	128	58918	0.383	ng	99
10) Hexachlorobutadiene	11.03	225	3173	0.388	ng	97
12) 2-Methylnaphthalene	12.37	142	9688	0.393	ng	99
16) Acenaphthylene	14.27	152	14642	0.359	ng	98
17) Acenaphthene	14.62	154	9895	0.379	ng	96
18) Fluorene	15.59	166	12842	0.370	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4896	0.383	ng	# 89
21) Hexachlorobenzene	16.60	284	5289	0.367	ng	99
22) Pentachlorophenol	16.94	266	1201	0.532	ng	90
23) Phenanthrene	17.34	178	24304	0.387	ng	100
24) Anthracene	17.43	178	20087	0.370	ng	99
26) Fluoranthene	19.35	202	30543	0.381	ng	100
28) Pyrene	19.72	202	31888	0.392	ng	100
30) Benzo(a)anthracene	21.46	228	32961	0.383	ng	100
31) Chrysene	21.52	228	37634	0.392	ng	98
32) Bis(2-ethylhexyl)phthalate	21.40	149	33458	0.532	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	30617	0.367	ng	98
35) Benzo(b)fluoranthene	23.25	252	29488	0.354	ng	98
36) Benzo(k)fluoranthene	23.30	252	35640	0.386	ng	97
37) Benzo(a)pyrene	23.92	252	26803	0.356	ng	99
38) Dibenzo(a,h)anthracene	26.75	278	25448	0.343	ng	97
39) Benzo(g,h,i)perylene	27.54	276	27765	0.357	ng	98

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

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QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

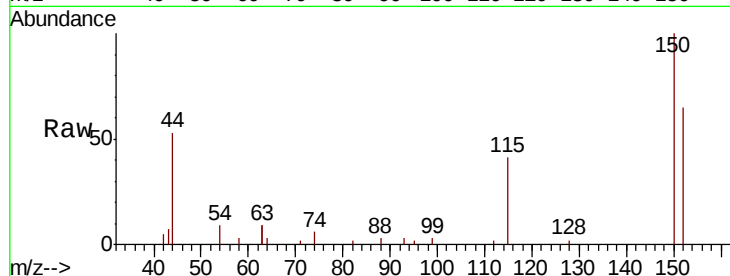
Tot Ion:152 Resp: 3570

Ion Ratio Lower Upper

152 100

150 154.6 120.9 181.3

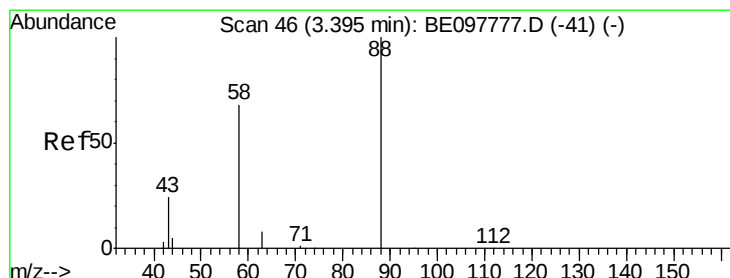
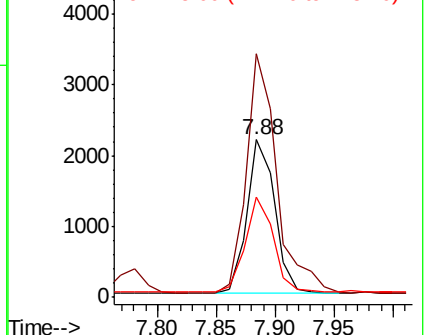
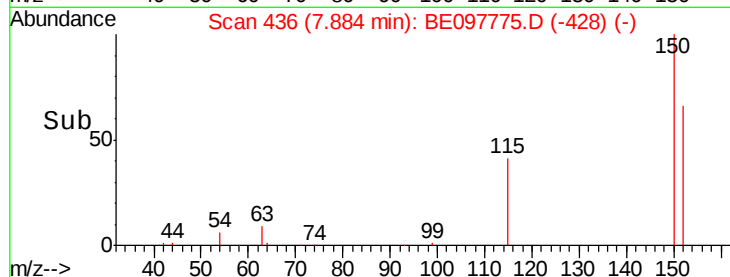
115 63.8 46.6 69.8



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: 0.365 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

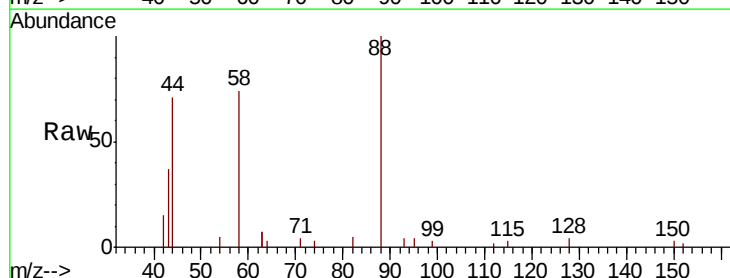
Tgt Ion: 88 Resp: 2594

Ion Ratio Lower Upper

88 100

58 93.7 70.8 106.2

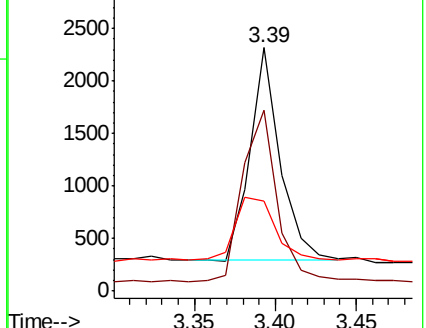
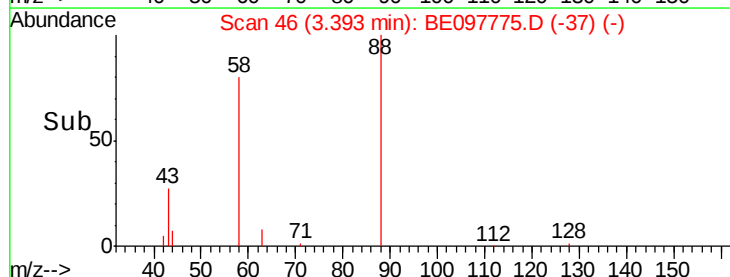
43 39.8 33.3 49.9

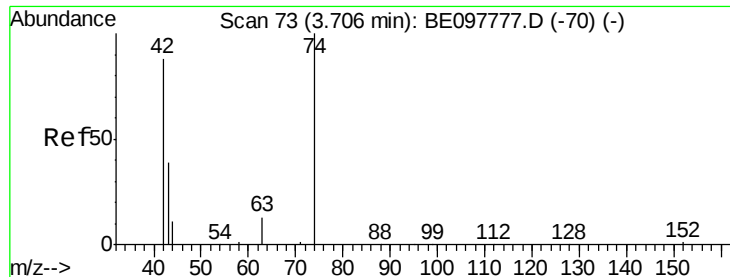


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

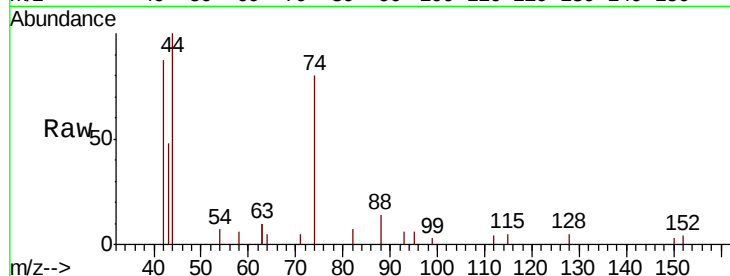
Tot Ion: 42 Resp: 2234

Ion Ratio Lower Upper

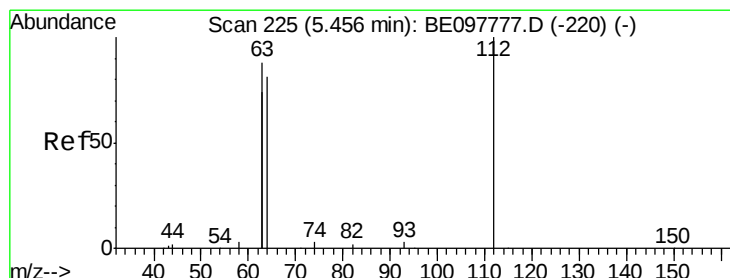
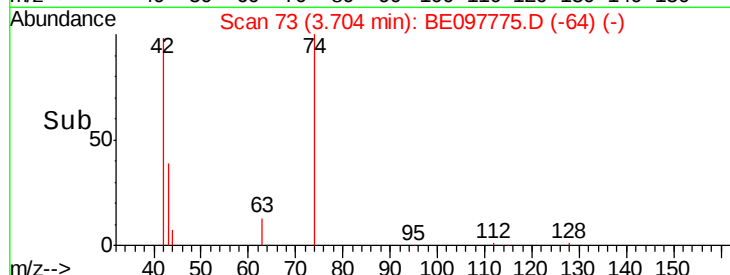
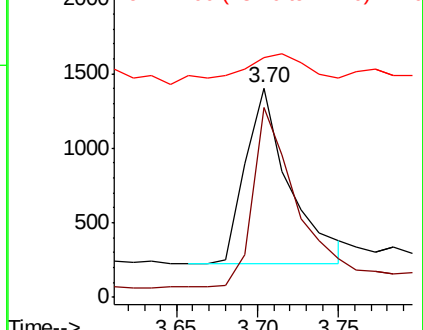
42 100

74 103.7 70.7 106.1

44 27.8 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: 0.400 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

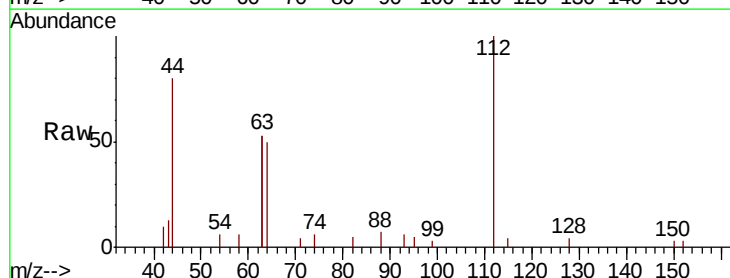
Tgt Ion: 112 Resp: 3380

Ion Ratio Lower Upper

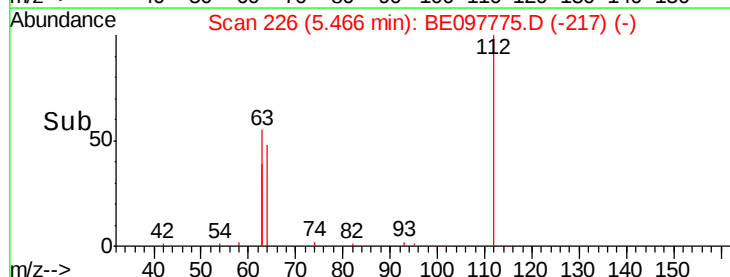
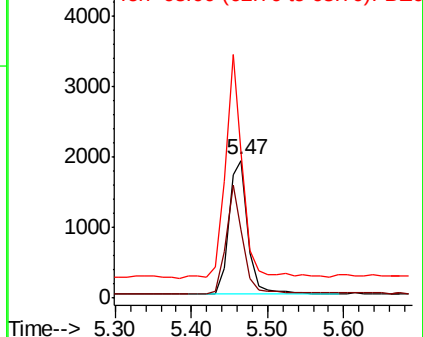
112 100

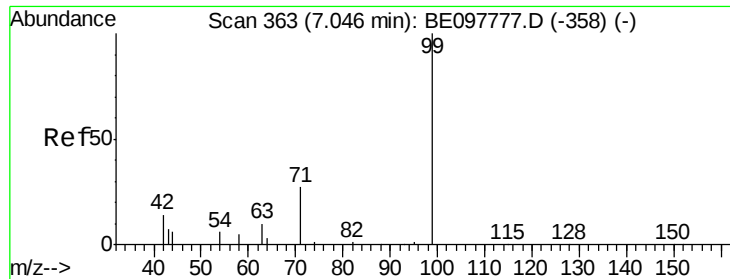
64 69.6 56.6 84.8

63 145.5 119.4 179.0



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: 0.394 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

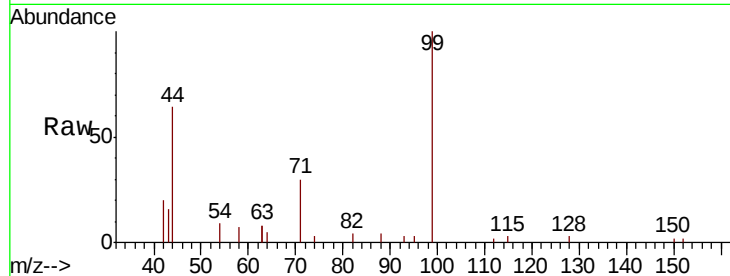
Tot Ion: 99 Resp: 5106

Ion Ratio Lower Upper

99 100

42 24.8 19.9 29.9

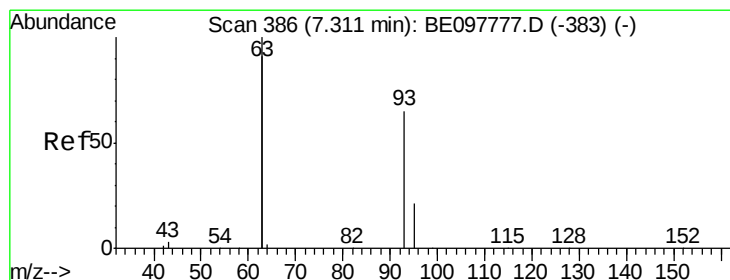
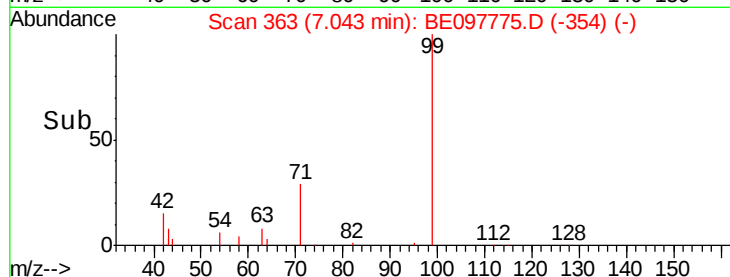
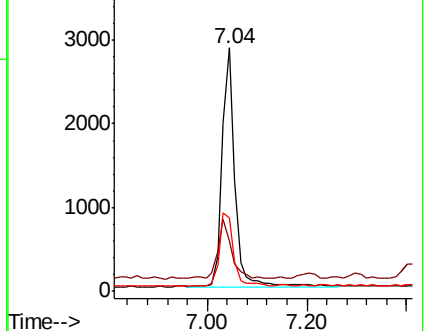
71 33.4 25.4 38.2



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: 0.381 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

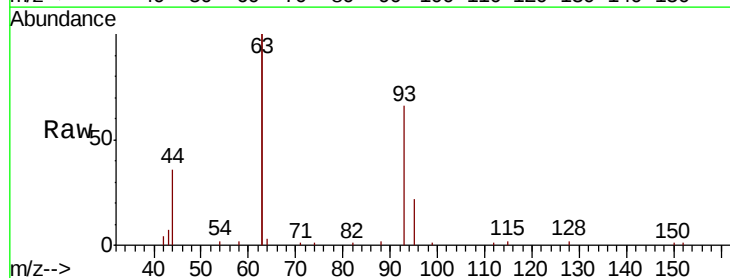
Tgt Ion: 93 Resp: 5107

Ion Ratio Lower Upper

93 100

63 335.7 266.9 400.3

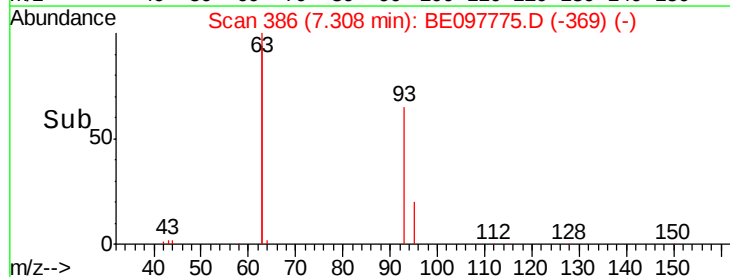
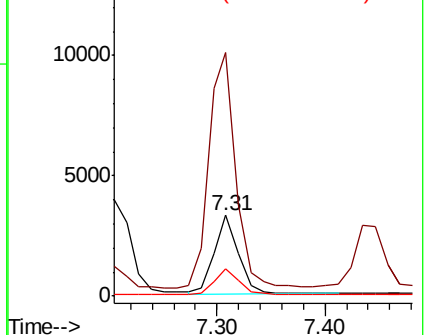
95 32.5 26.2 39.2

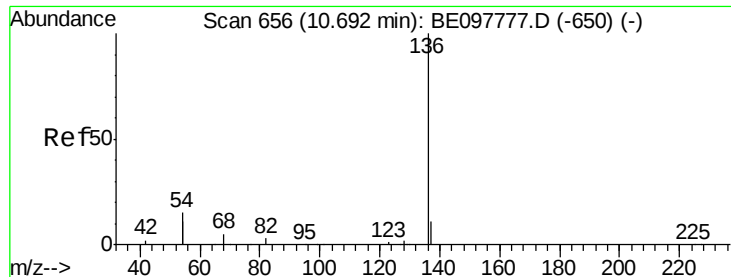


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15273

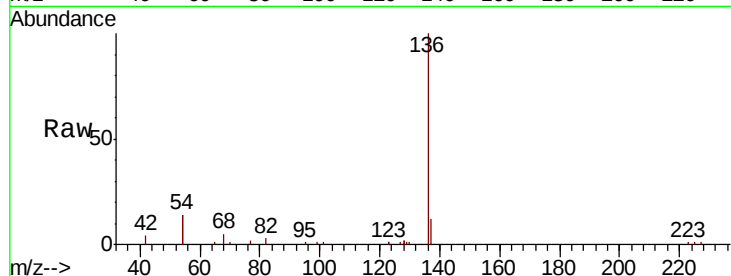
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 27.4 37.8 56.6#

68 5.4 6.4 9.6#

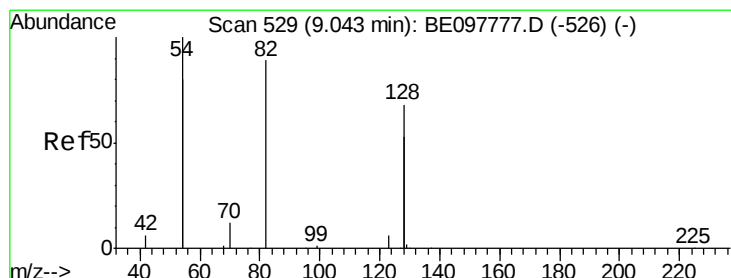
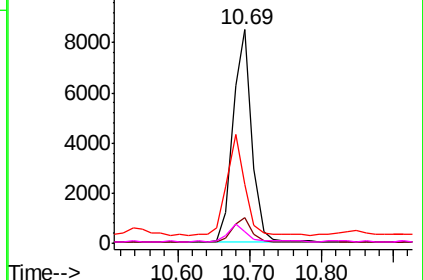
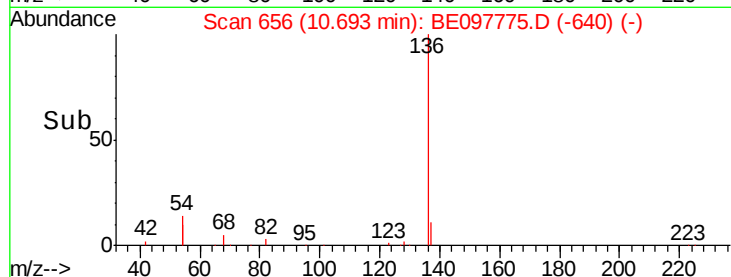


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.731 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

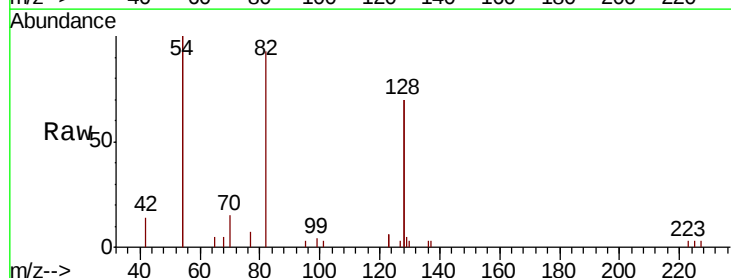
Tgt Ion: 82 Resp: 3624

Ion Ratio Lower Upper

82 100

128 149.9 97.0 145.4#

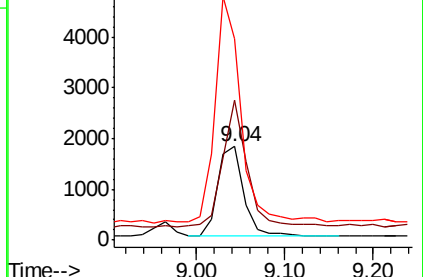
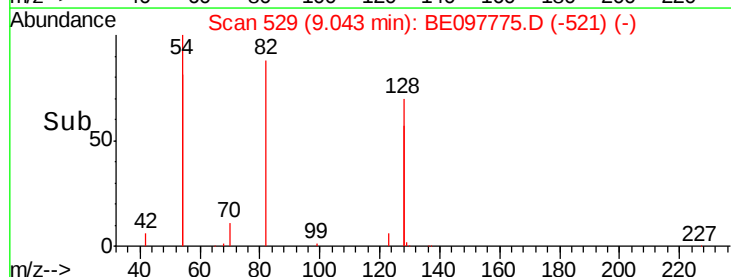
54 214.5 206.9 310.3

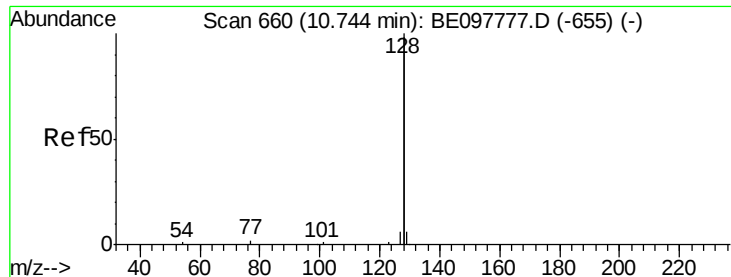


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.383 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

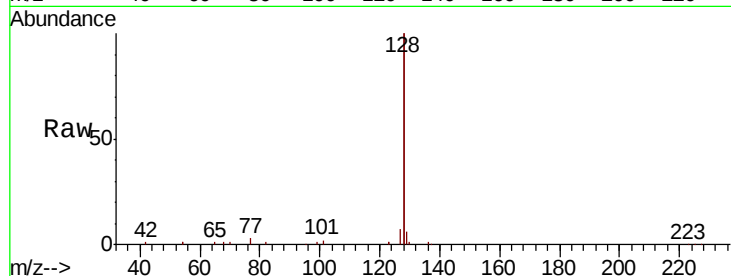
Tot Ion:128 Resp: 58918

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

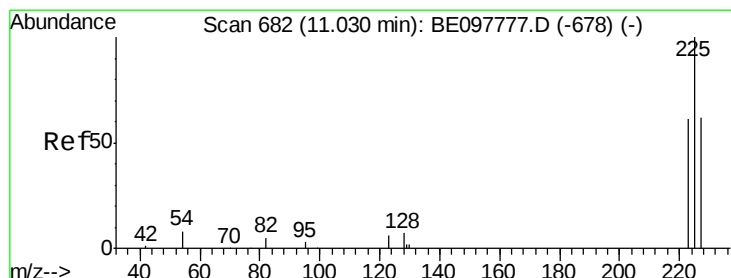
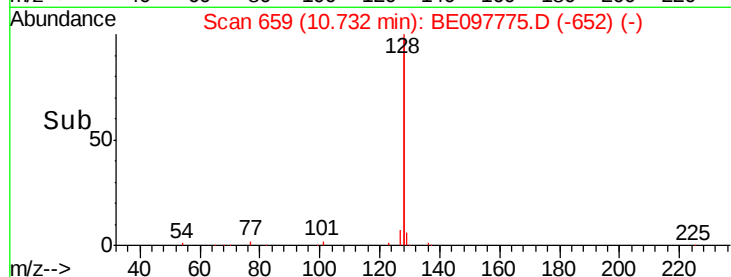
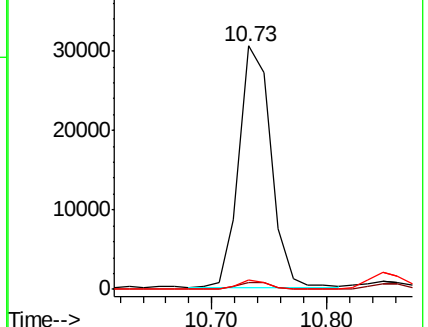
127 3.6 2.7 4.1



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: 0.388 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

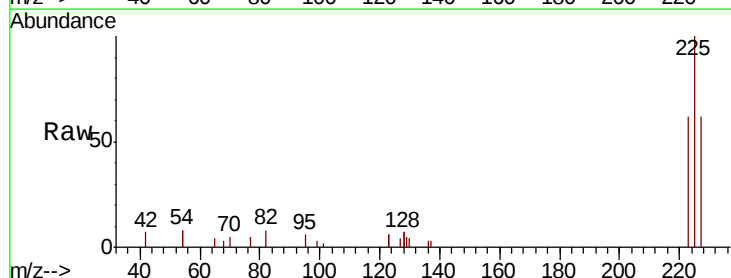
Tgt Ion:225 Resp: 3173

Ion Ratio Lower Upper

225 100

223 61.1 52.2 78.4

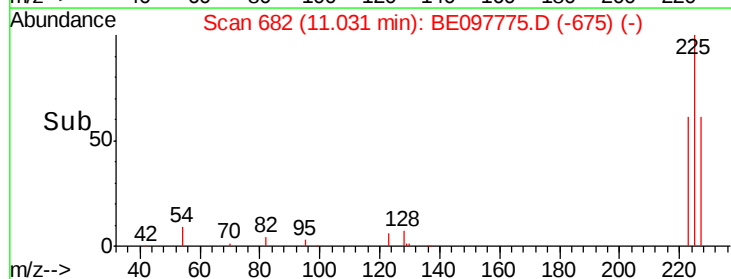
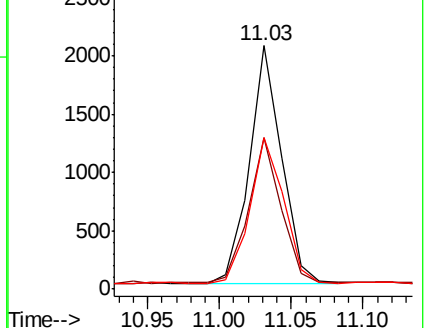
227 64.3 51.2 76.8

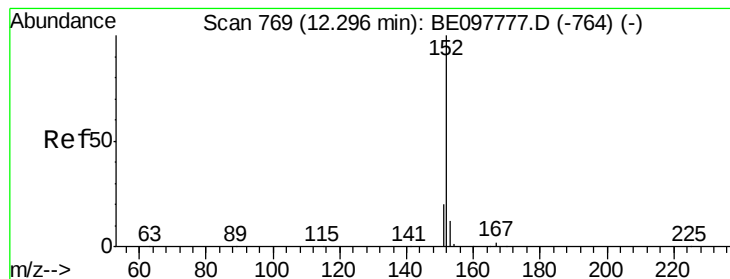


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

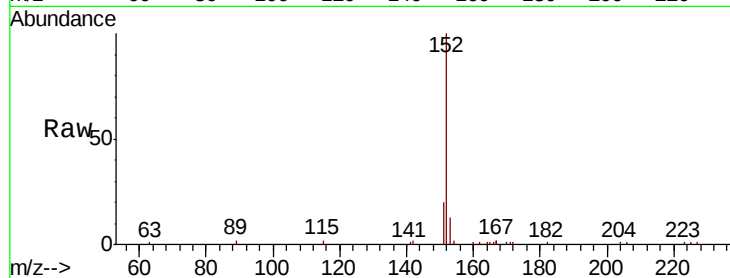
SSTDCCC0.4EC

Tot Ion:152 Resp: 9443

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

5000

4000

3000

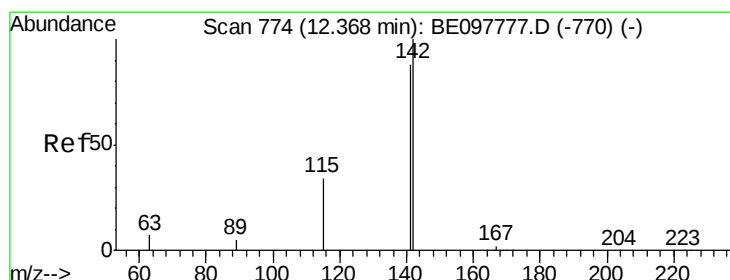
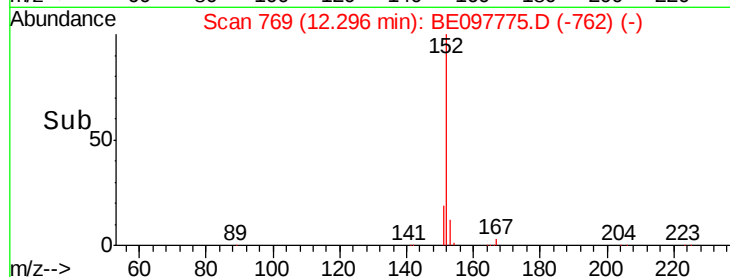
2000

1000

0

Time-->

12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

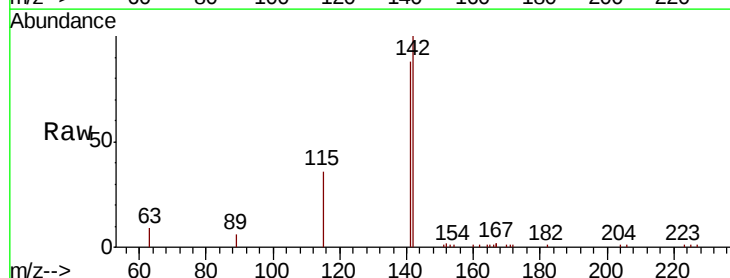
Tgt Ion:142 Resp: 9688

Ion Ratio Lower Upper

142 100

141 87.8 69.4 104.2

115 36.0 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

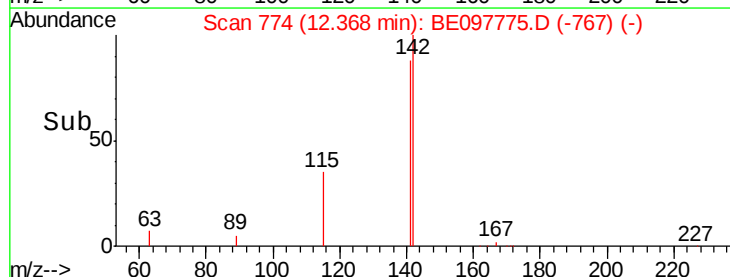
4000

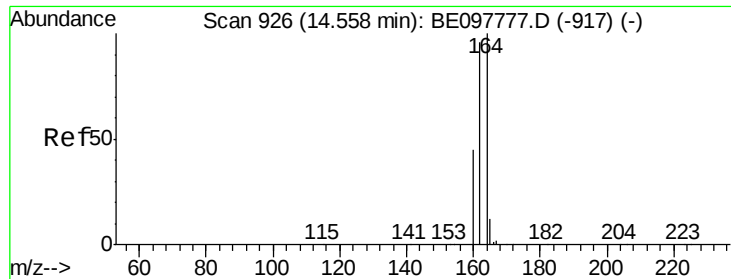
2000

0

Time-->

12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

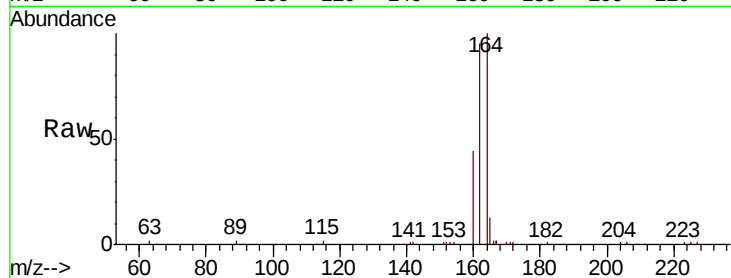
Tot Ion:164 Resp: 9215

Ion Ratio Lower Upper

164 100

162 95.3 78.6 117.8

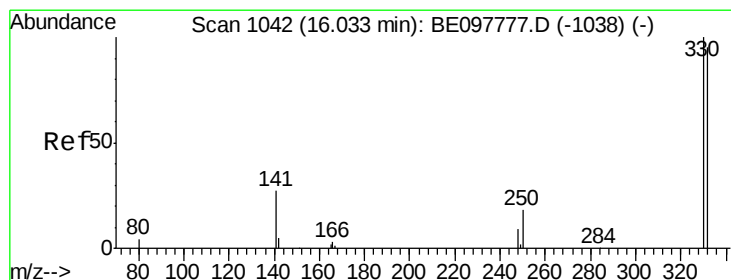
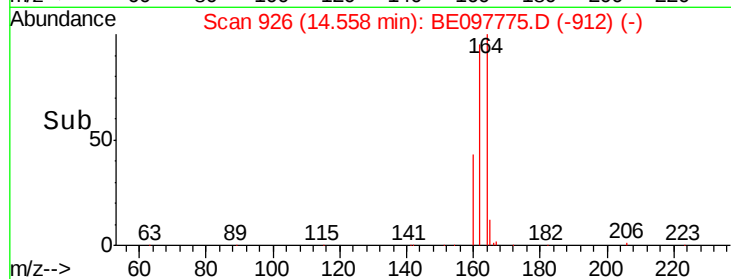
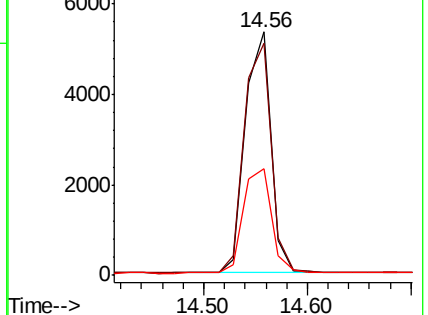
160 43.9 37.8 56.6



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: 0.518 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

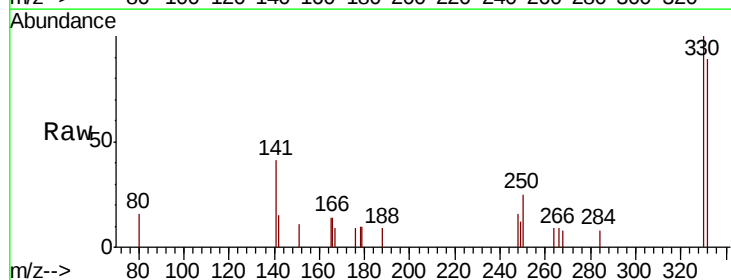
Tgt Ion:330 Resp: 866

Ion Ratio Lower Upper

330 100

332 93.6 83.5 125.3

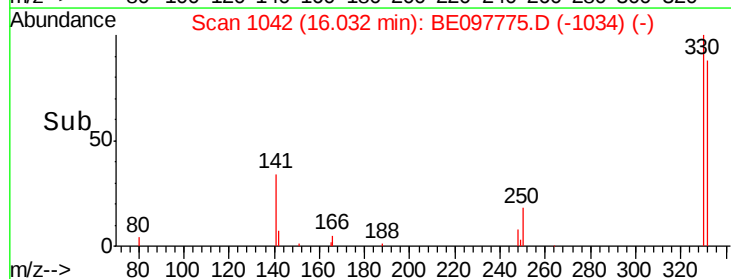
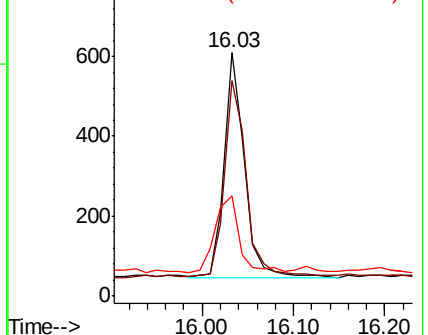
141 41.3 34.9 52.3

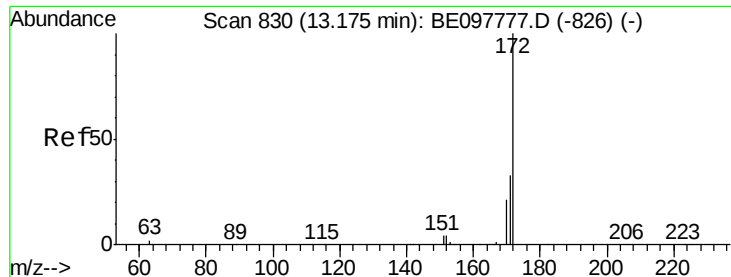


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

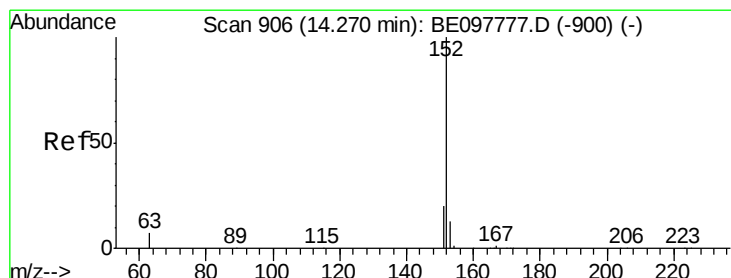
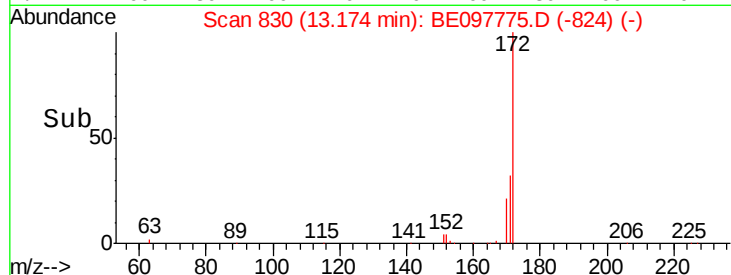
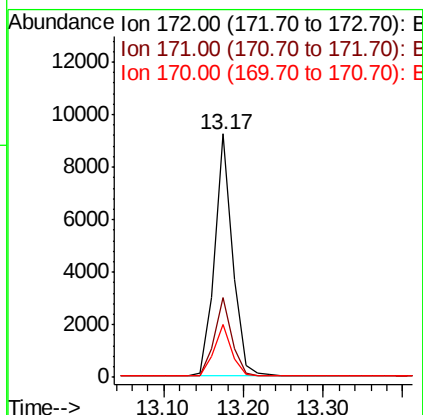
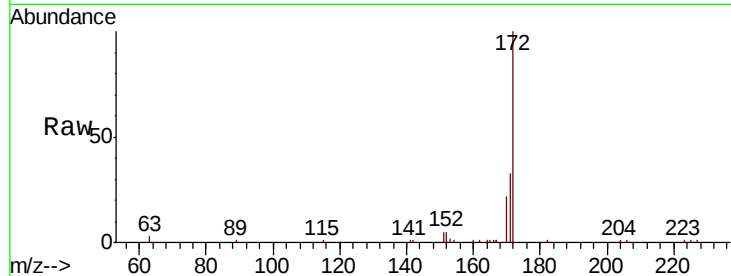




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097775.D
Acq: 6 Oct 2018 4:15

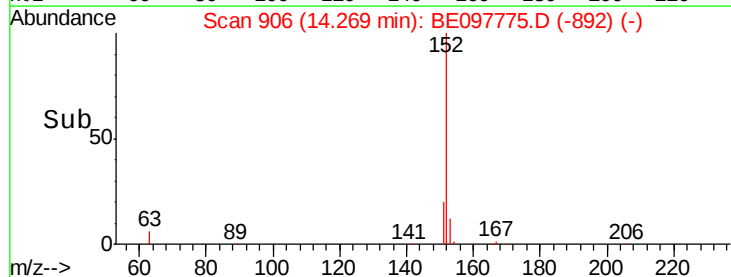
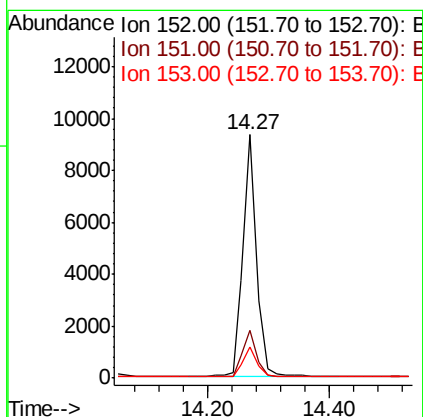
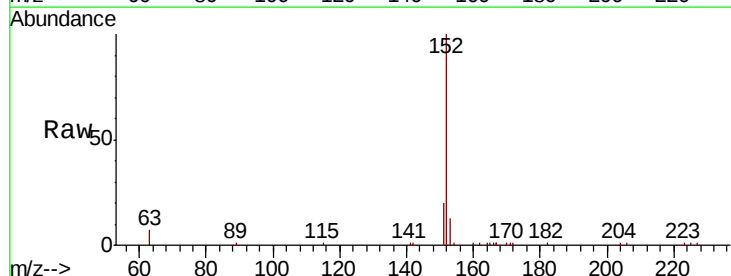
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

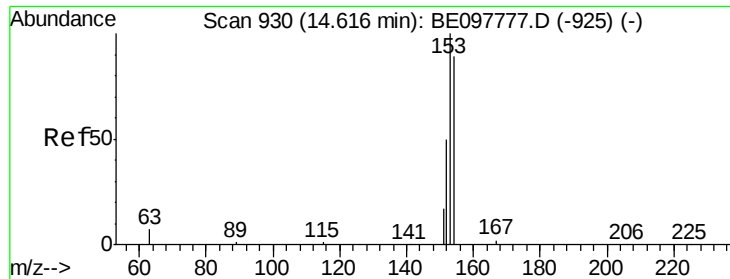
Tot Ion:172 Resp: 14397
Ion Ratio Lower Upper
172 100
171 32.7 25.2 37.8
170 21.6 16.2 24.2



#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097775.D
Acq: 6 Oct 2018 4:15

Tgt Ion:152 Resp: 14642
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 12.7 10.8 16.2





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

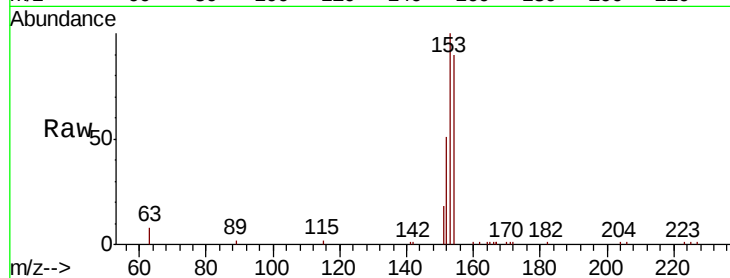
Tot Ion:154 Resp: 9895

Ion Ratio Lower Upper

154 100

153 113.2 93.3 139.9

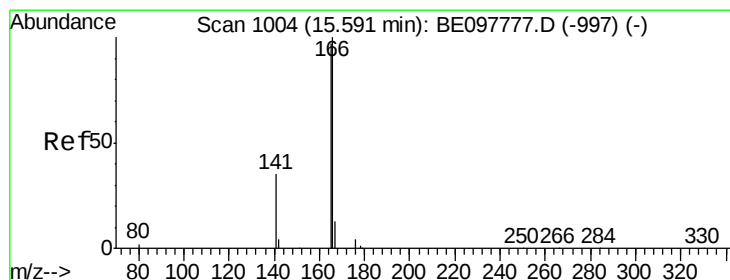
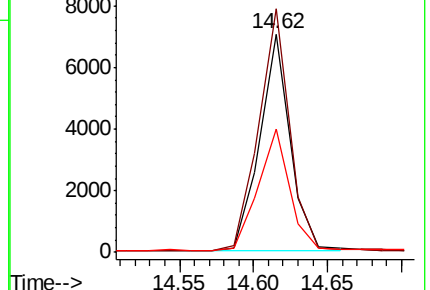
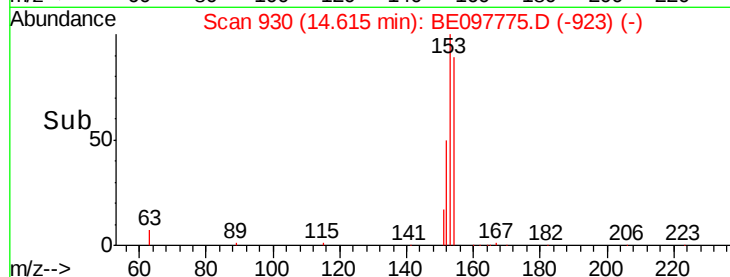
152 57.8 48.9 73.3



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: 0.370 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

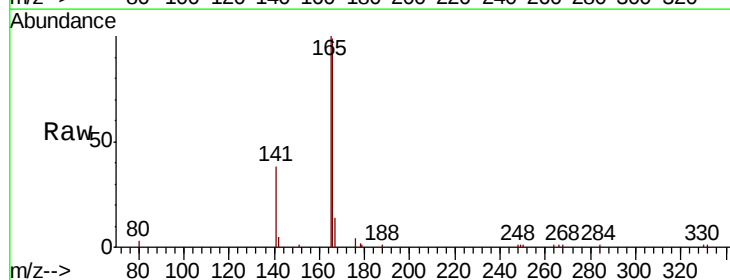
Tgt Ion:166 Resp: 12842

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.4

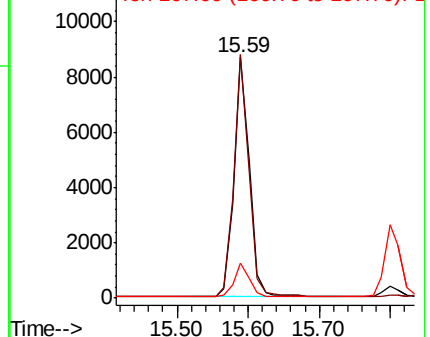
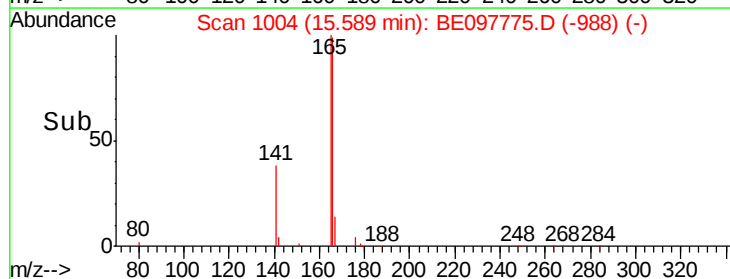
167 13.8 11.1 16.7

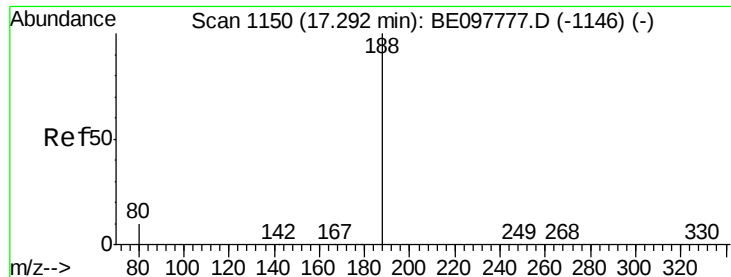


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

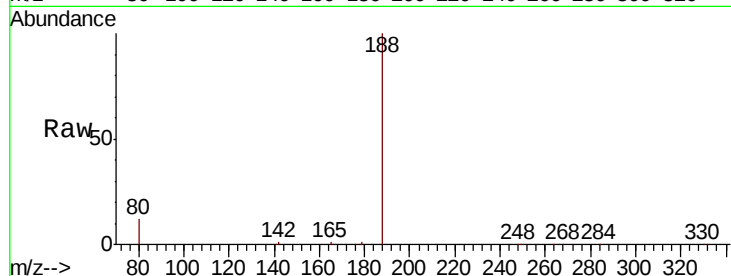
Tot Ion:188 Resp: 24392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

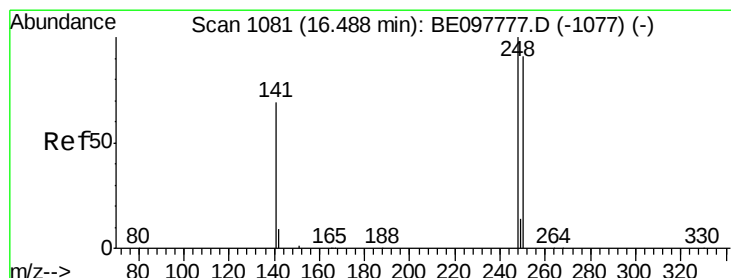
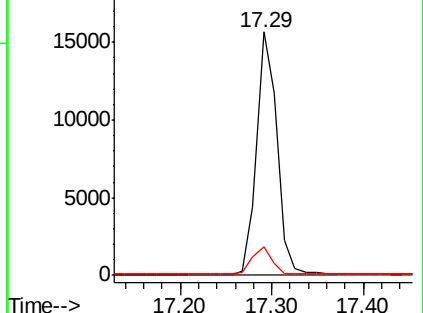
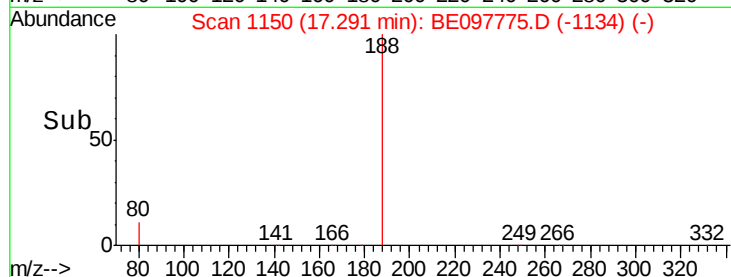
80 11.7 6.6 9.8#



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: 0.383 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

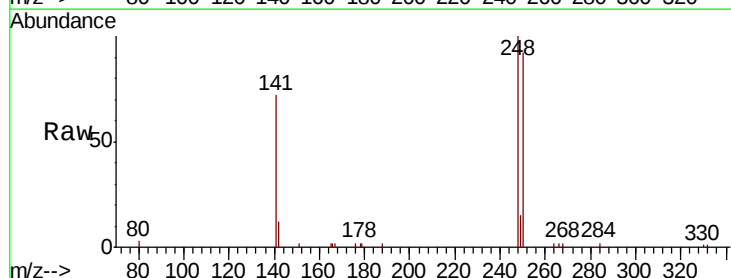
Tgt Ion:248 Resp: 4896

Ion Ratio Lower Upper

248 100

250 92.4 76.1 114.1

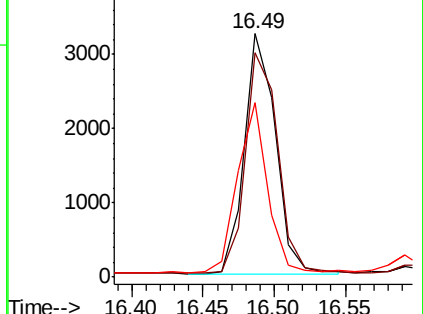
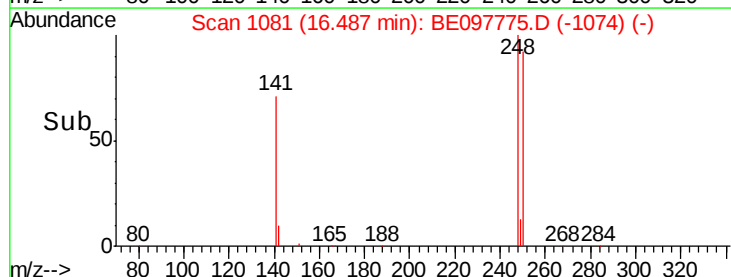
141 71.6 42.2 63.4#

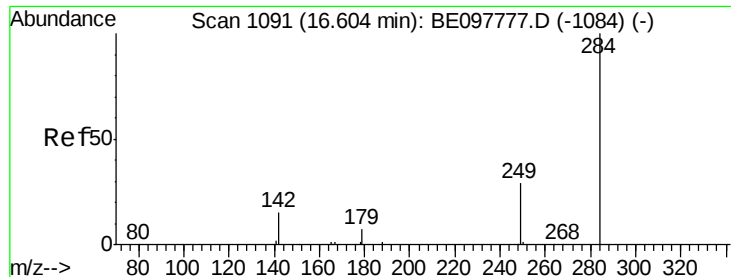


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.367 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

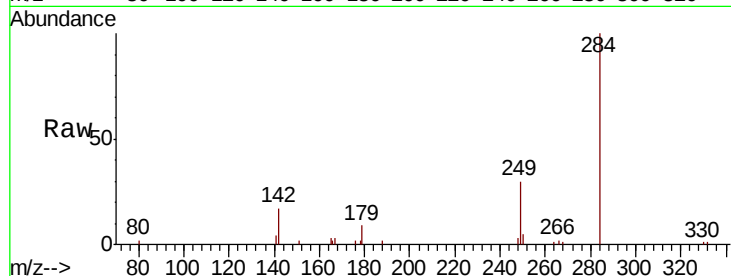
Tot Ion:284 Resp: 5289

Ion Ratio Lower Upper

284 100

142 32.5 24.9 37.3

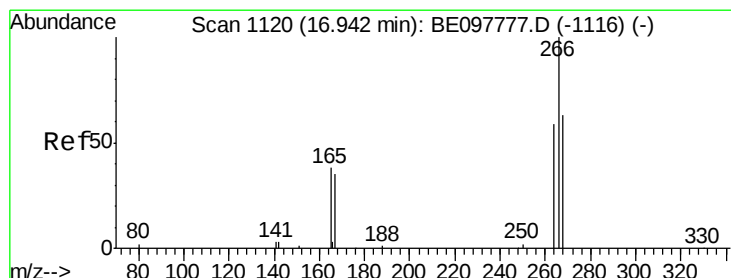
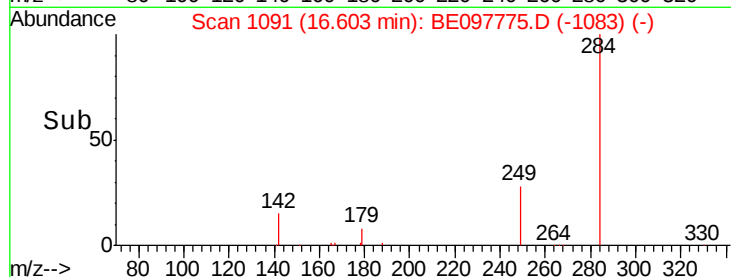
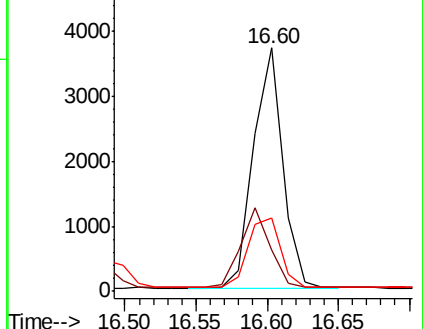
249 32.2 25.8 38.8



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: 0.532 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

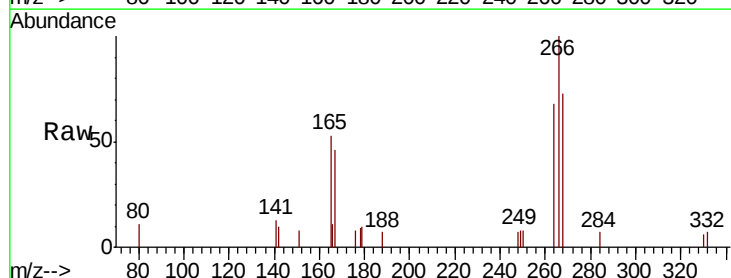
Tgt Ion:266 Resp: 1201

Ion Ratio Lower Upper

266 100

264 68.2 46.8 70.2

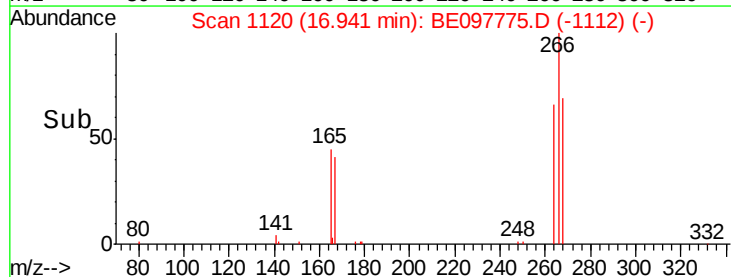
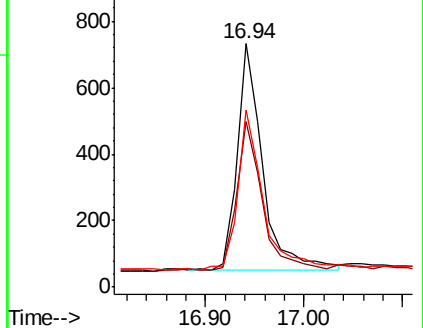
268 72.6 53.0 79.6

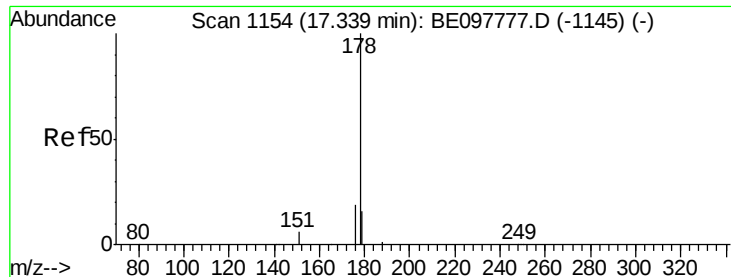


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.387 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

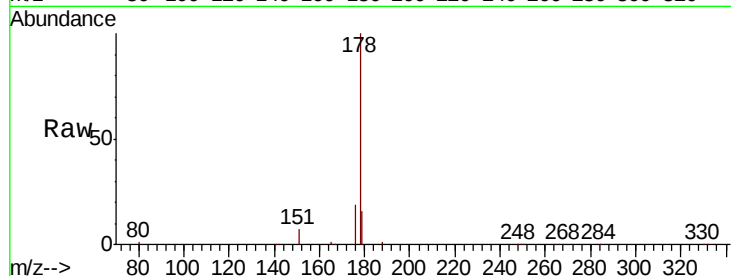
Tot Ion:178 Resp: 24304

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

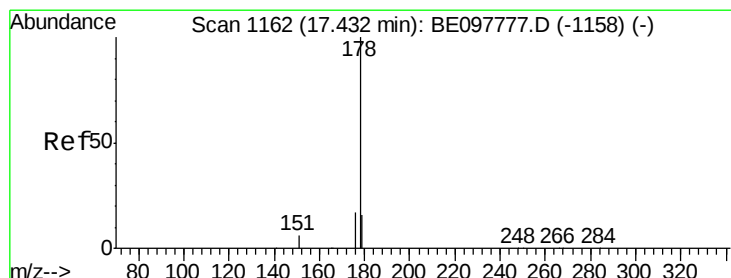
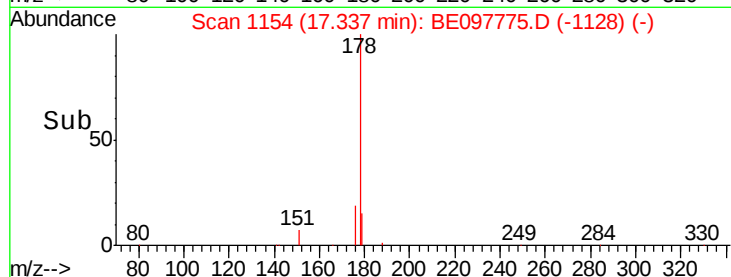
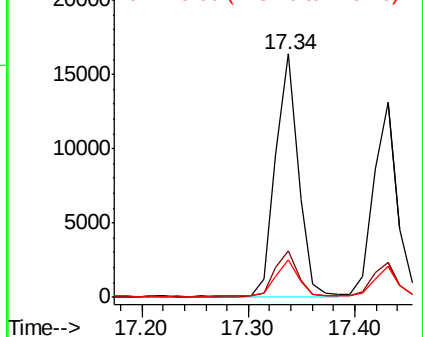
179 15.3 12.2 18.4



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: 0.370 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

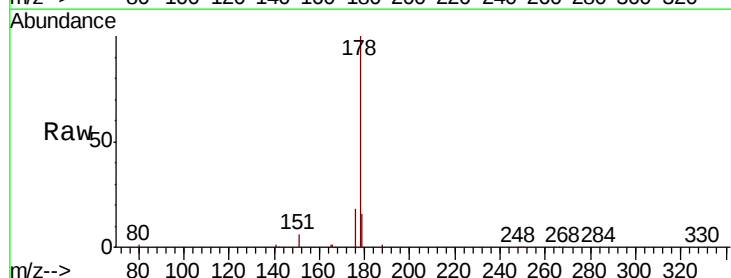
Tgt Ion:178 Resp: 20087

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

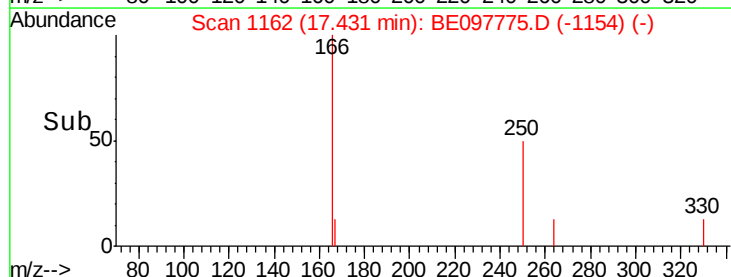
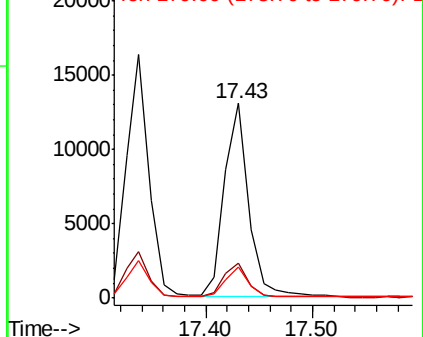
179 15.4 12.2 18.2

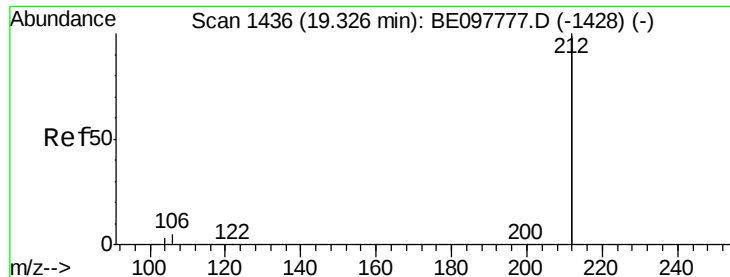


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

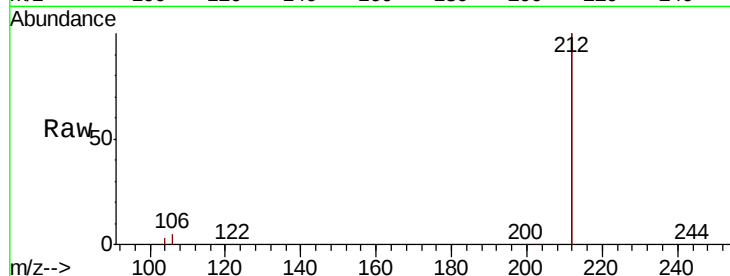
Tot Ion:212 Resp: 120007

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

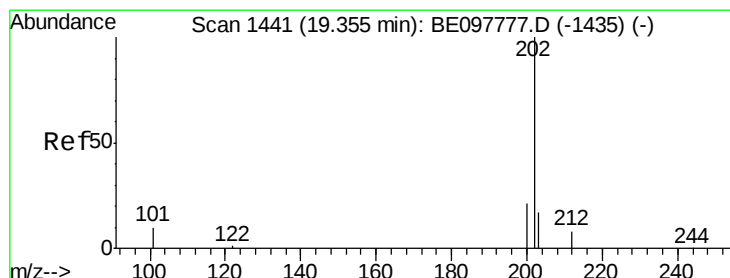
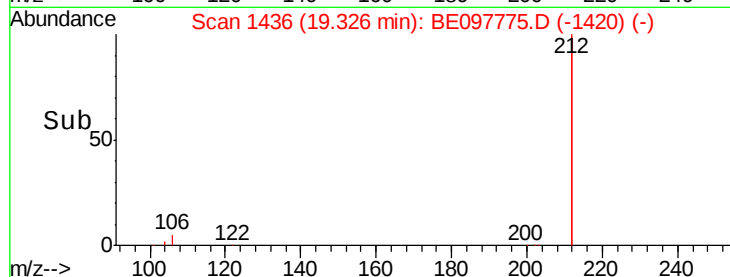
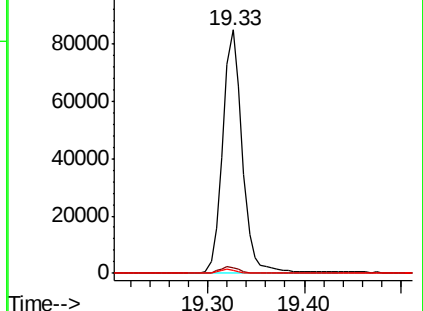
104 1.5 1.2 1.8



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: 0.381 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

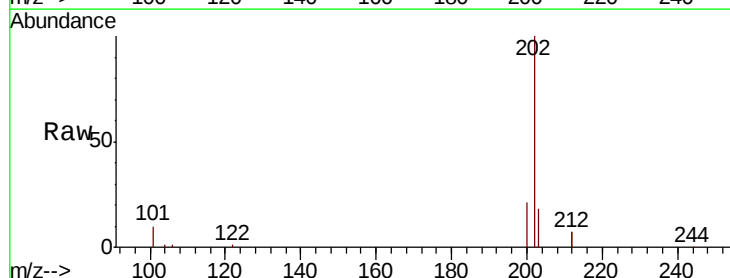
Tgt Ion:202 Resp: 30543

Ion Ratio Lower Upper

202 100

101 10.1 7.8 11.8

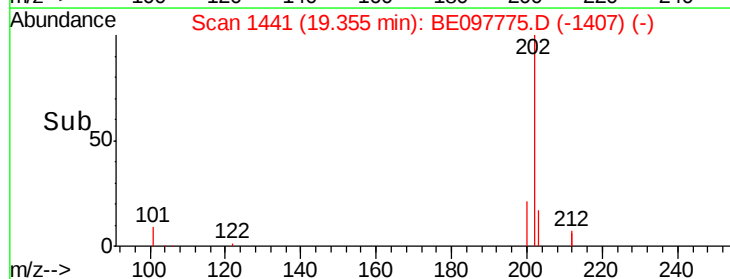
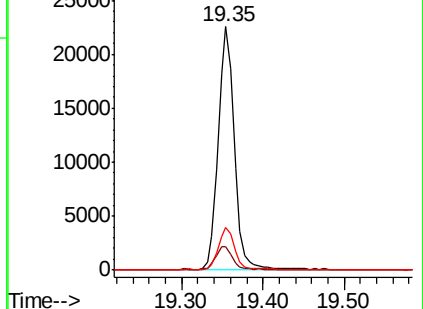
203 17.3 13.8 20.6

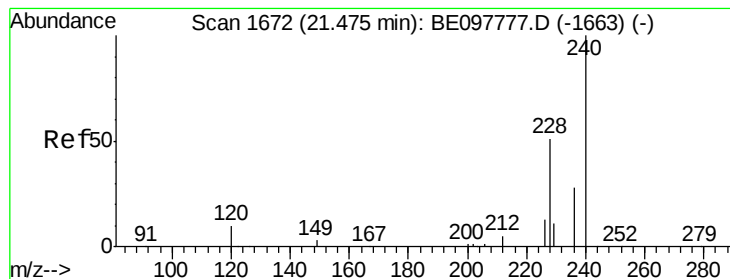


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

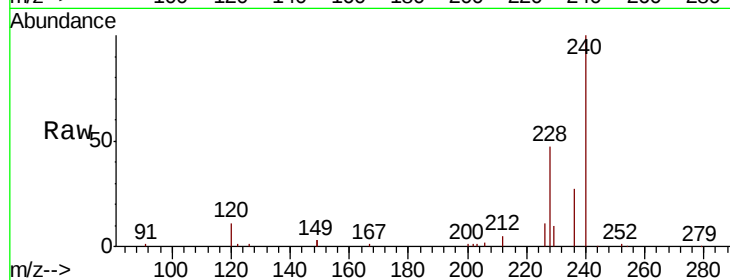
Tot Ion:240 Resp: 31984

Ion Ratio Lower Upper

240 100

120 10.6 4.7 7.1#

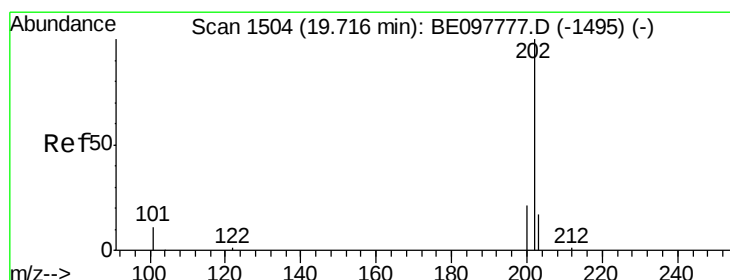
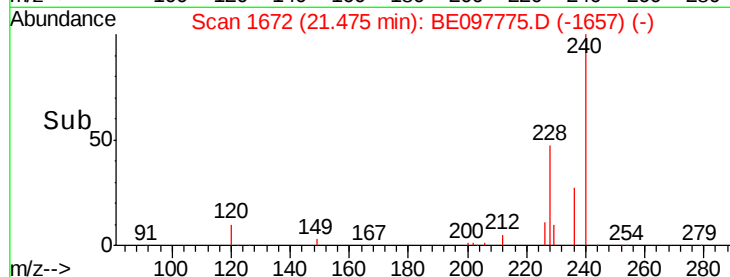
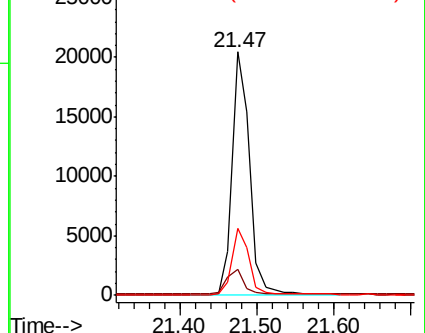
236 27.3 20.8 31.2



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: 0.392 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

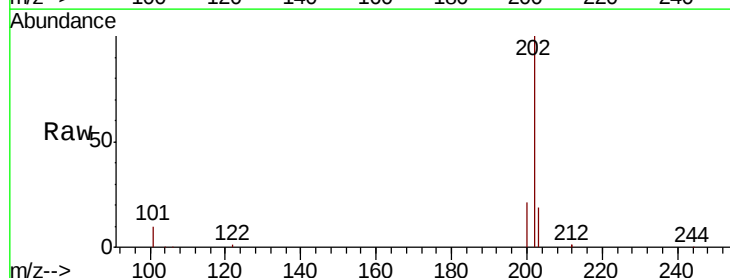
Tgt Ion:202 Resp: 31888

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

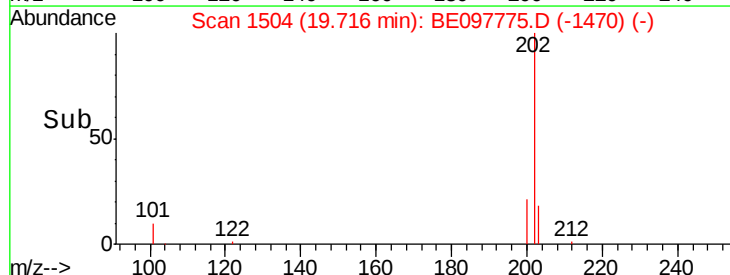
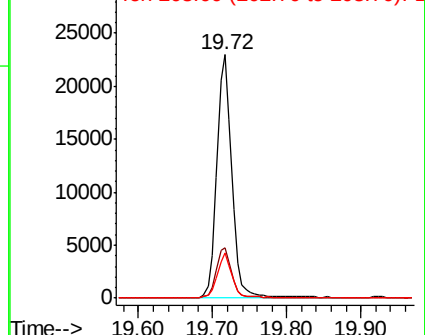
203 17.4 13.9 20.9

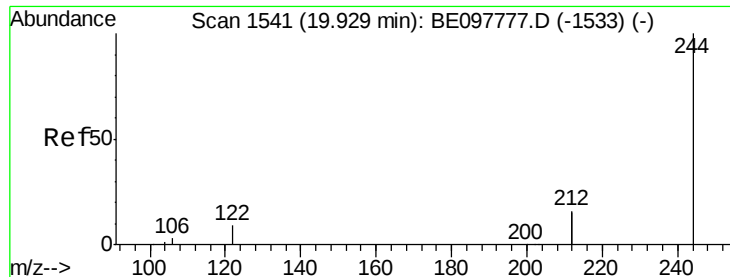


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

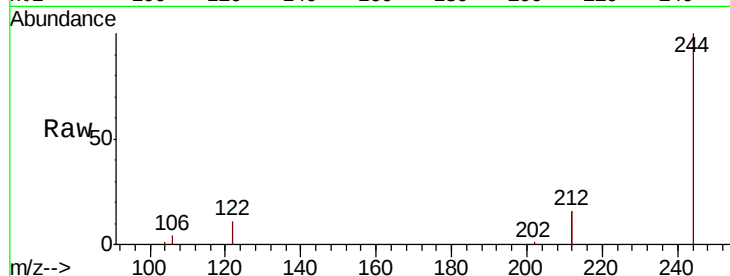
Tot Ion:244 Resp: 25393

Ion Ratio Lower Upper

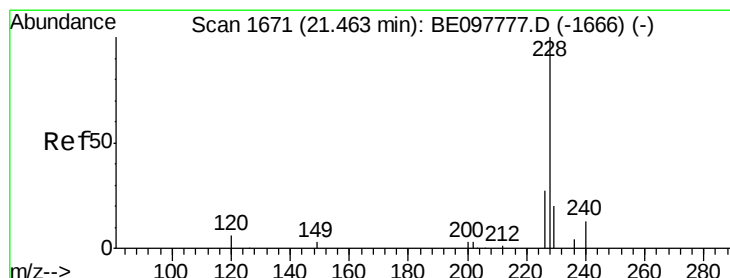
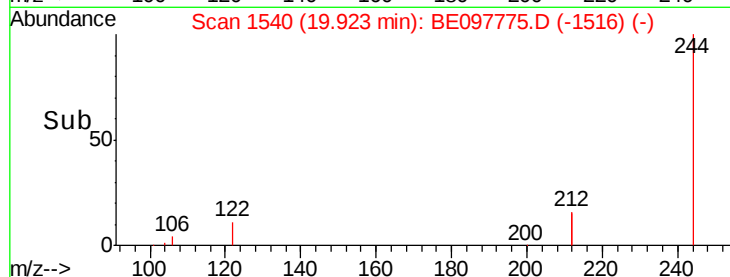
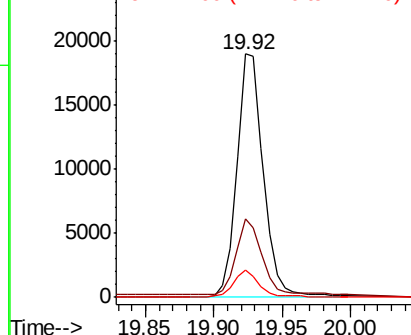
244 100

212 32.4 25.8 38.8

122 11.4 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: 0.383 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

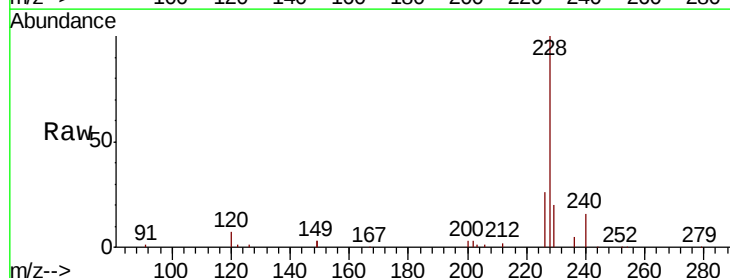
Tgt Ion:228 Resp: 32961

Ion Ratio Lower Upper

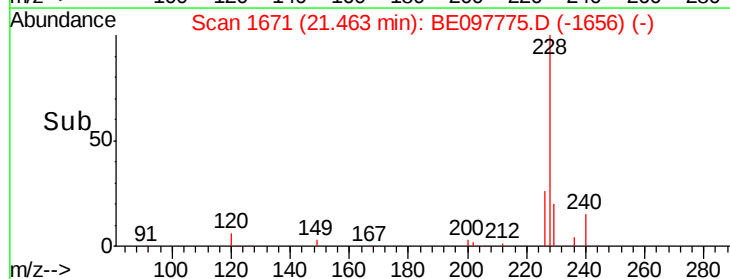
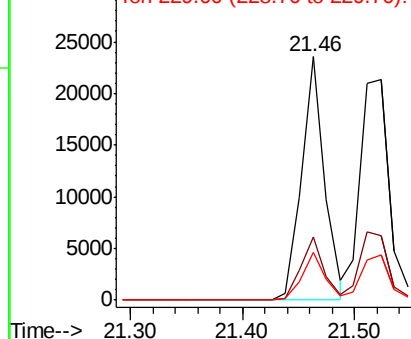
228 100

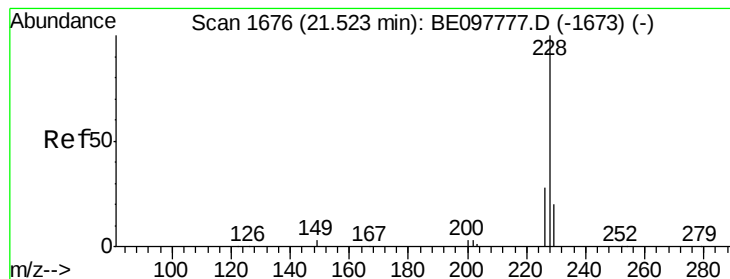
226 26.2 20.7 31.1

229 19.8 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: 0.392 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

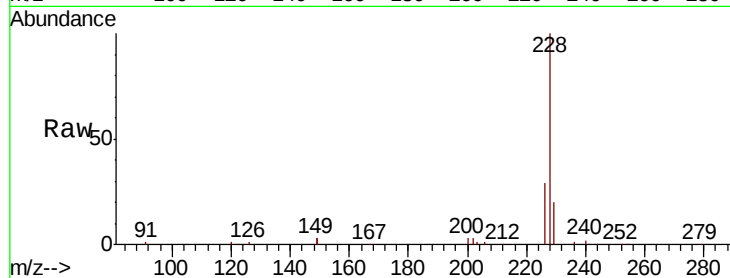
Tot Ion:228 Resp: 37634

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

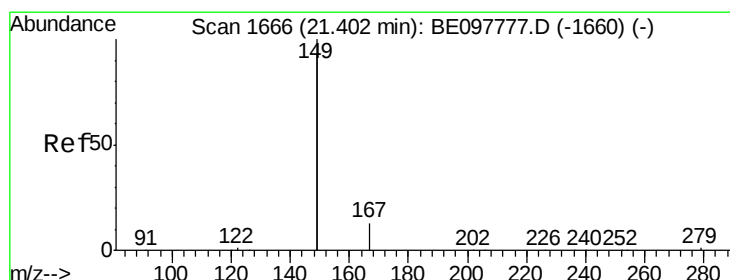
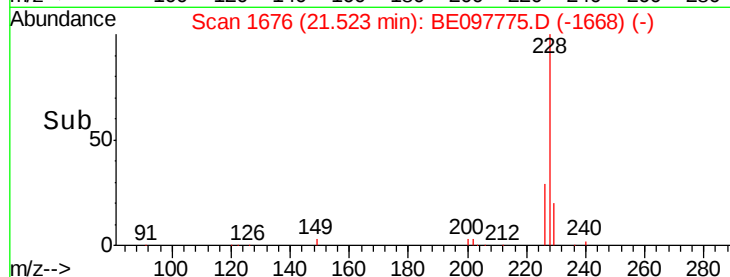
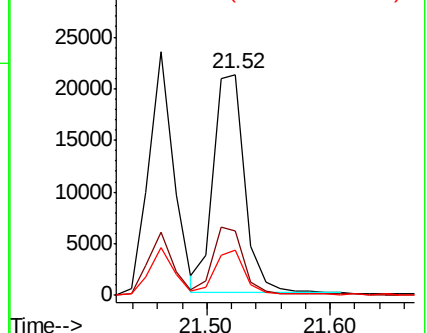
229 20.2 16.0 24.0



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: 0.532 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

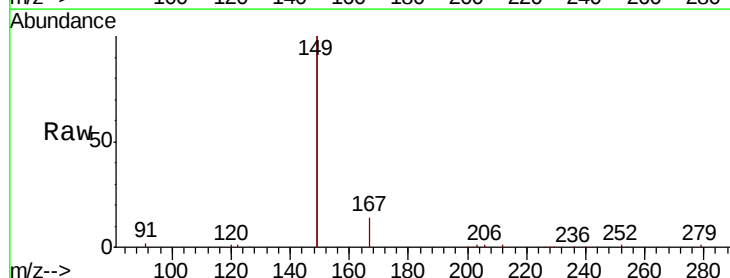
Tgt Ion:149 Resp: 33458

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

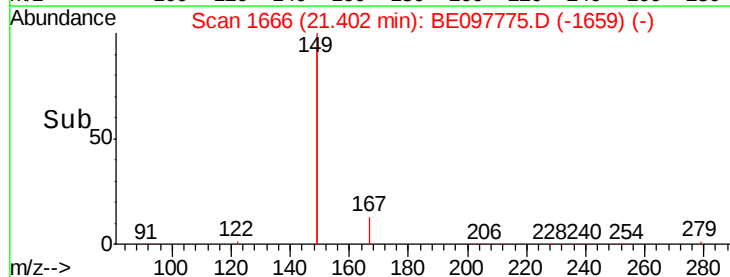
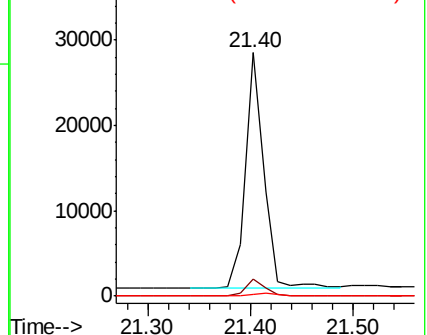
279 1.0 0.9 1.3

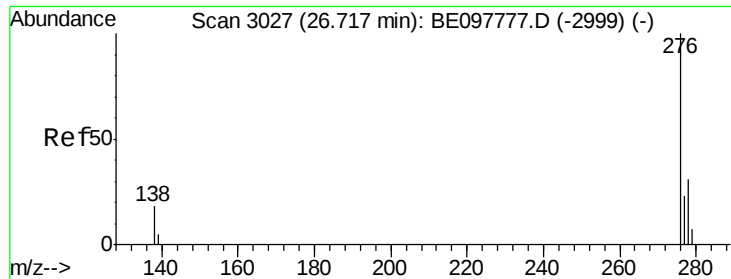


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.367 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.02 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

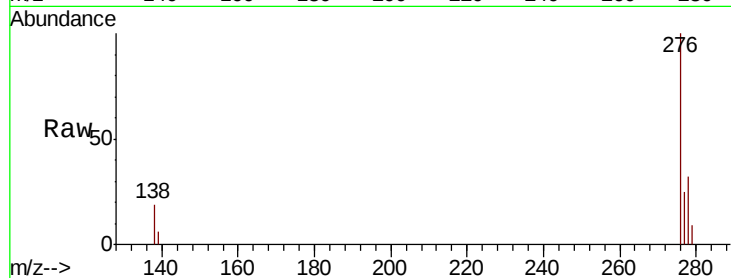
Tot Ion:276 Resp: 30617

Ion Ratio Lower Upper

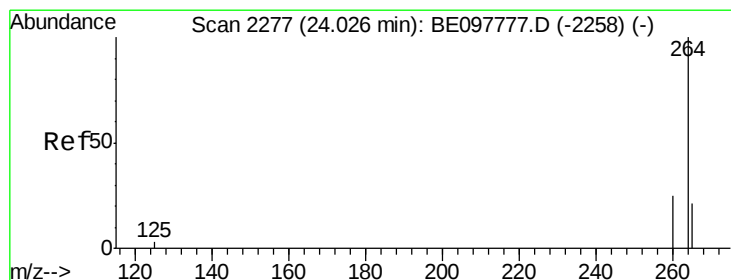
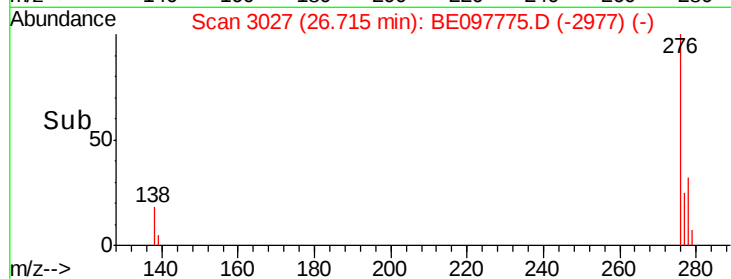
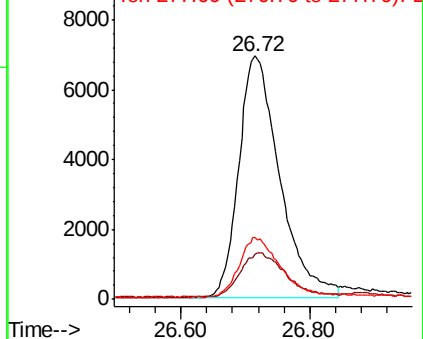
276 100

138 20.1 15.0 22.6

277 24.7 19.2 28.8



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# 2277

Delta R.T. -0.02 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

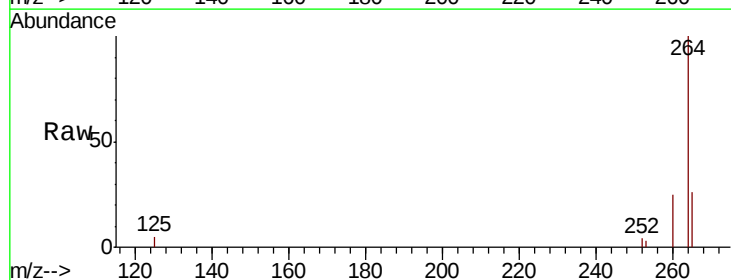
Tgt Ion:264 Resp: 30344

Ion Ratio Lower Upper

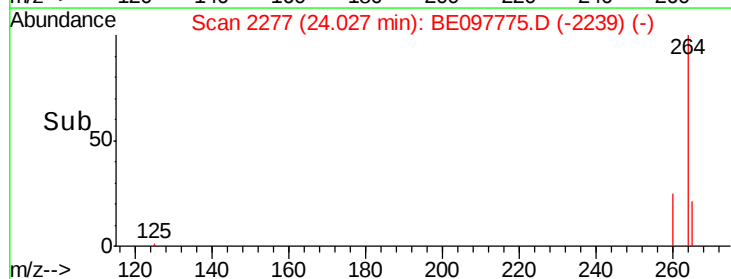
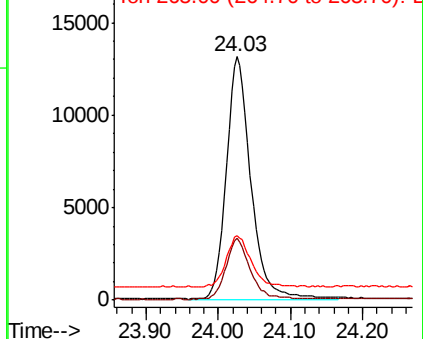
264 100

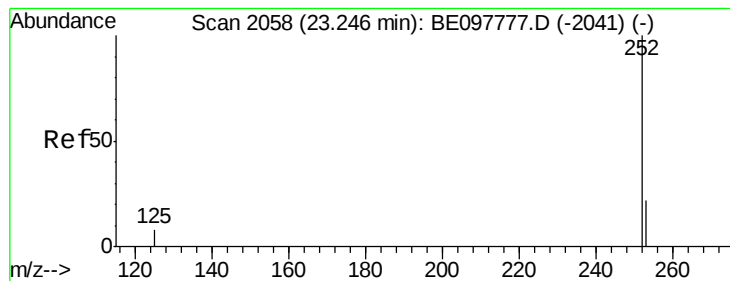
260 25.3 19.1 28.7

265 26.2 21.9 32.9



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: 0.354 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

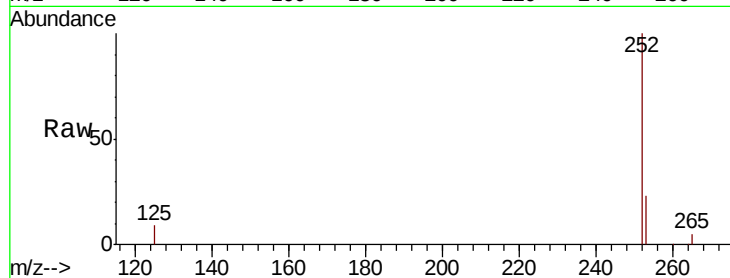
Tot Ion:252 Resp: 29488

Ion Ratio Lower Upper

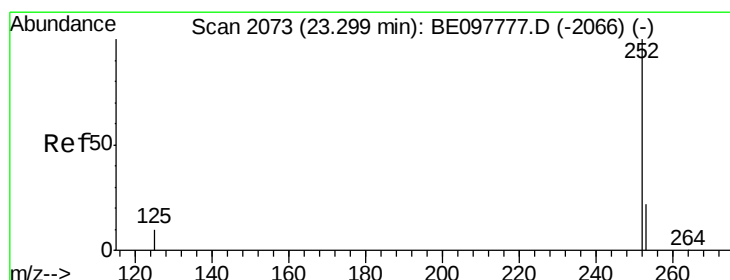
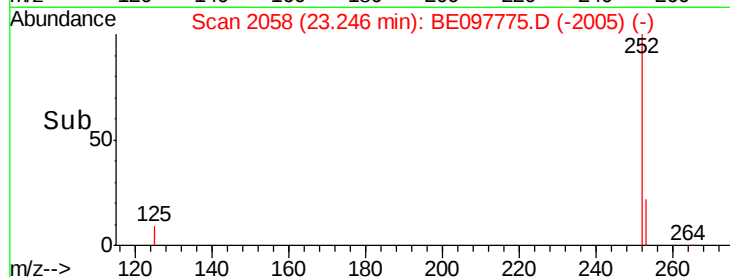
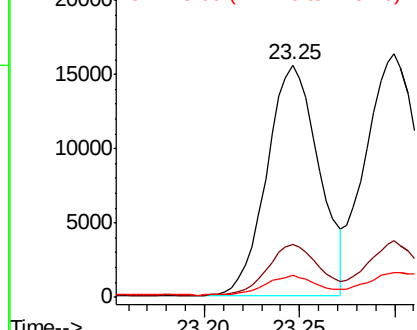
252 100

253 22.8 17.5 26.3

125 9.5 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: 0.386 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

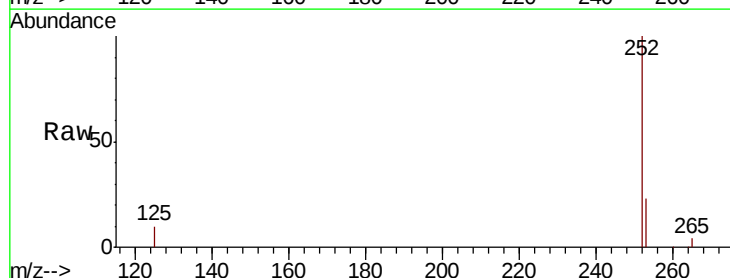
Tgt Ion:252 Resp: 35640

Ion Ratio Lower Upper

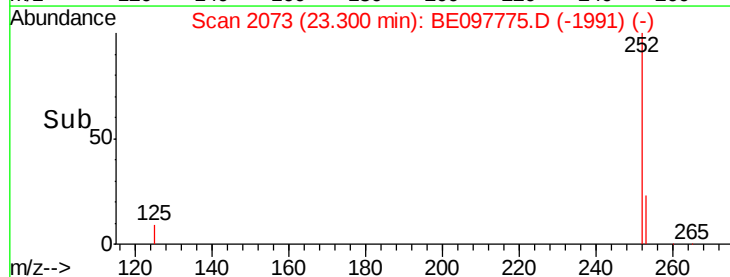
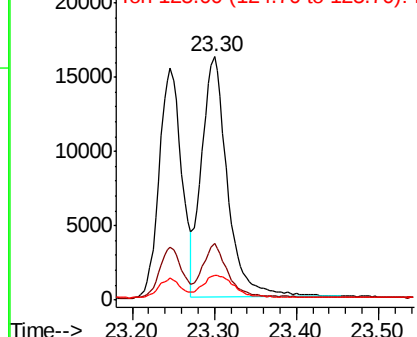
252 100

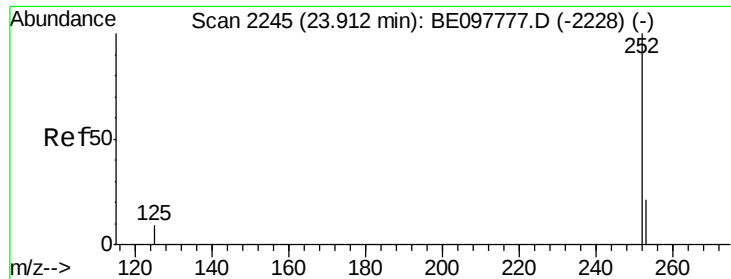
253 23.5 17.5 26.3

125 10.1 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: 0.356 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

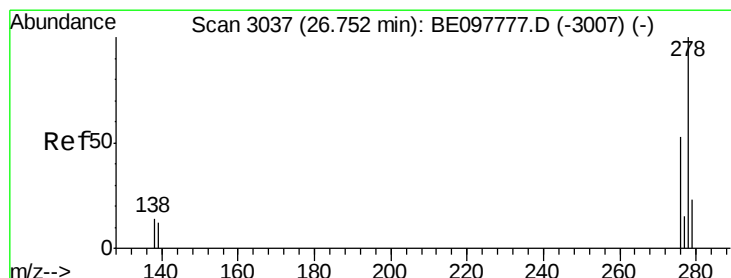
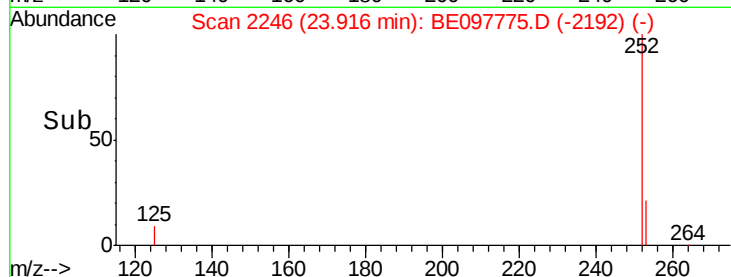
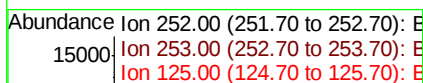
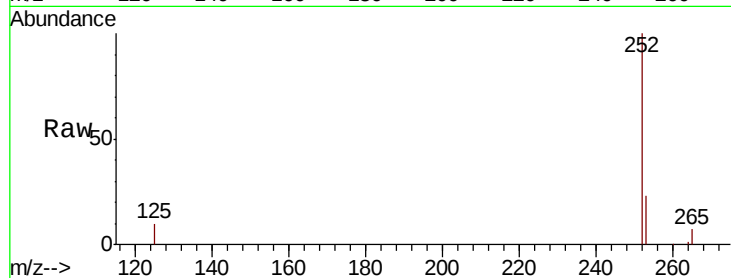
Tot Ion:252 Resp: 26803

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.0 8.3 12.5



#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

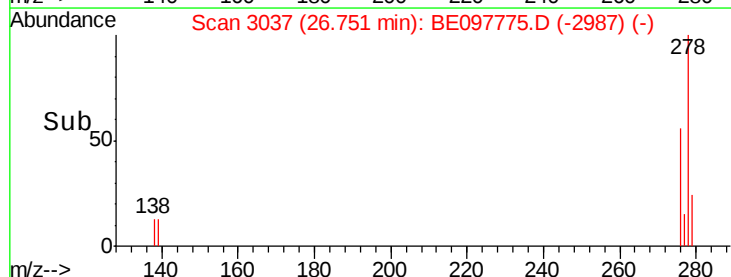
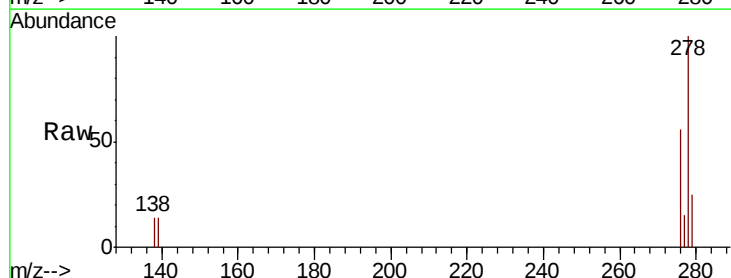
Tgt Ion:278 Resp: 25448

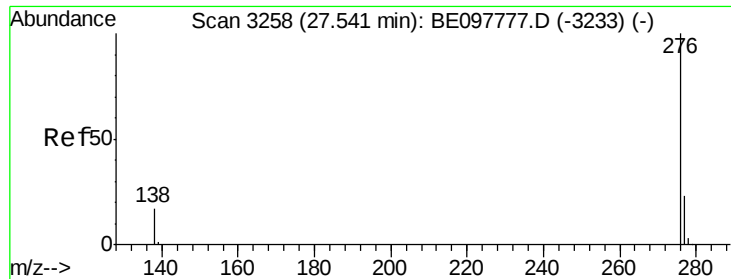
Ion Ratio Lower Upper

278 100

139 14.2 10.3 15.5

279 24.5 18.4 27.6





#39

Benzo(a,h,i)perylene

Concen: 0.357 ng

RT: 27.54 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BE097775.D

Acq: 6 Oct 2018 4:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

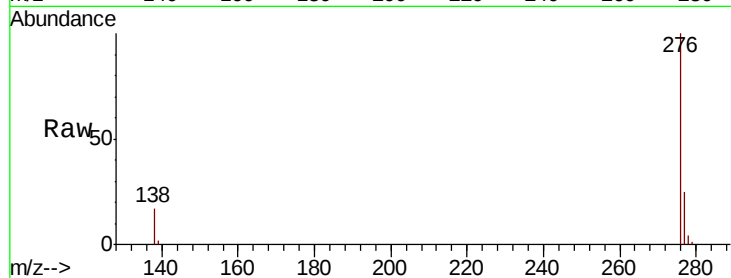
Tot Ion:276 Resp: 27765

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 17.2 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

