

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097777.D
 Acq On : 6 Oct 2018 5:27
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 06 06:29:17 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	7.89	152	3561	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15459	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9276	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	25135	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31787	0.40	ng	-0.01
34) Perylene-d12	24.03	264	30462	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	3428	0.41	ng	-0.01
5) Phenol-d6	7.05	99	5097	0.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	3576	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9520	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	853	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14685	0.36	ng	-0.02
25) Fluoranthene-d10	19.33	212	120023	0.38	ng	0.00
29) Terphenyl-d14	19.93	244	26047	0.40	ng	0.00

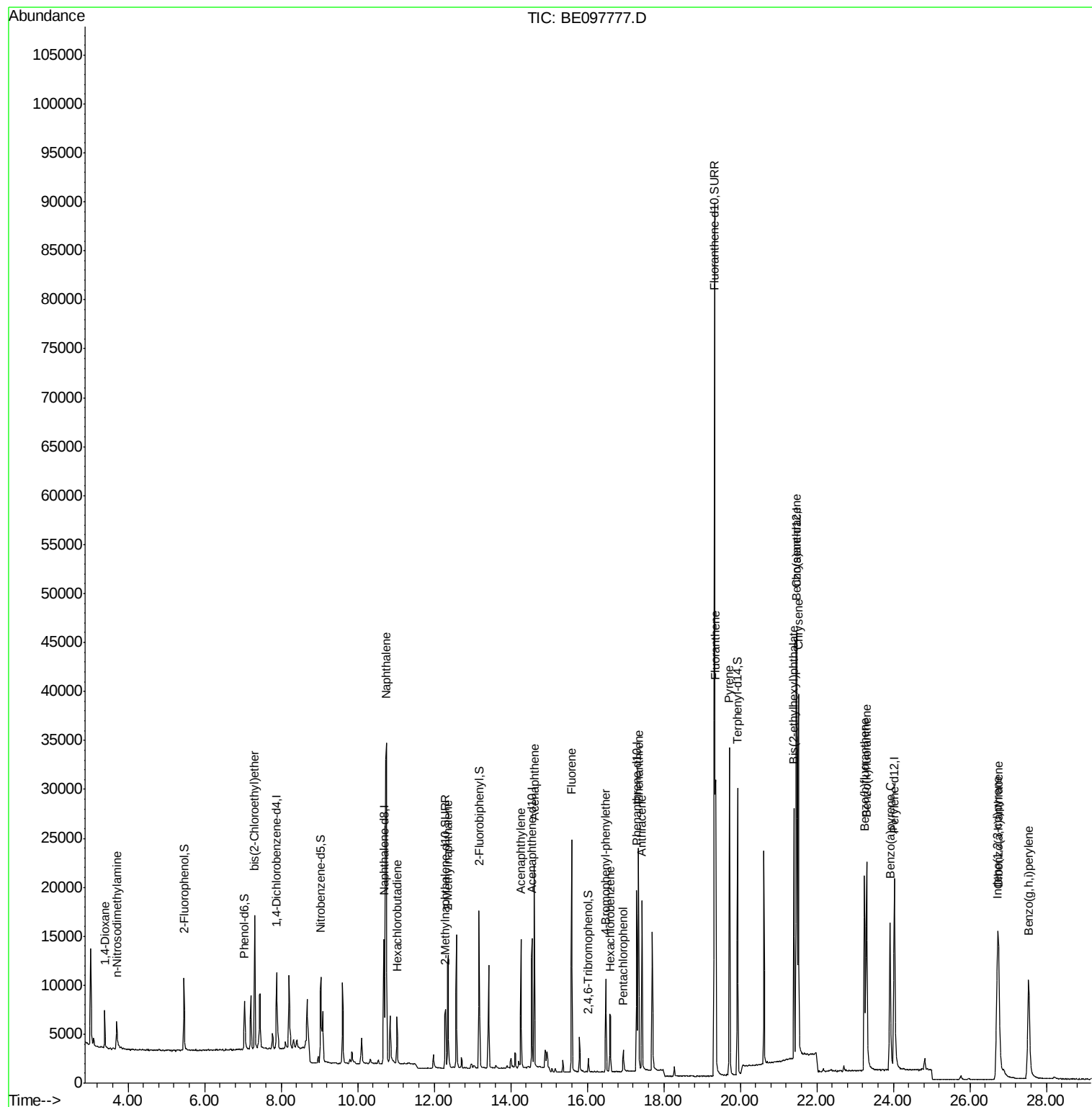
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	2671	0.376	ng	98
3) n-Nitrosodimethylamine	3.71	42	2220	0.344	ng	# 89
6) bis(2-Chloroethyl)ether	7.31	93	5091	0.381	ng	96
9) Naphthalene	10.74	128	60443	0.388	ng	99
10) Hexachlorobutadiene	11.03	225	3270	0.396	ng	97
12) 2-Methylnaphthalene	12.37	142	9797	0.393	ng	99
16) Acenaphthylene	14.27	152	14644	0.356	ng	98
17) Acenaphthene	14.62	154	9891	0.376	ng	98
18) Fluorene	15.59	166	13207	0.378	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4958	0.376	ng	# 89
21) Hexachlorobenzene	16.60	284	5271	0.355	ng	95
22) Pentachlorophenol	16.94	266	1311	0.563	ng	98
23) Phenanthrene	17.34	178	24628	0.380	ng	100
24) Anthracene	17.43	178	20389	0.365	ng	99
26) Fluoranthene	19.35	202	30988	0.376	ng	99
28) Pyrene	19.72	202	31927	0.395	ng	100
30) Benzo(a)anthracene	21.46	228	32084	0.375	ng	98
31) Chrysene	21.52	228	37530	0.393	ng	97
32) Bis(2-ethylhexyl)phthalate	21.40	149	29239	0.468	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	30922	0.373	ng	98
35) Benzo(b)fluoranthene	23.25	252	30035	0.359	ng	99
36) Benzo(k)fluoranthene	23.30	252	34810	0.376	ng	98
37) Benzo(a)pyrene	23.91	252	26857	0.355	ng	100
38) Dibenzo(a,h)anthracene	26.75	278	25426	0.341	ng	98
39) Benzo(g,h,i)perylene	27.54	276	27829	0.357	ng	99

(#) = 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: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

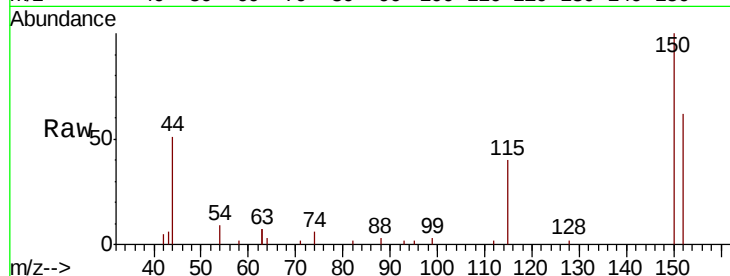
Tot Ion:152 Resp: 3561

Ion Ratio Lower Upper

152 100

150 162.0 120.9 181.3

115 64.8 46.6 69.8

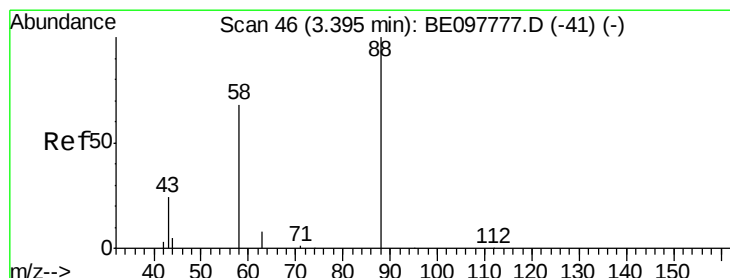
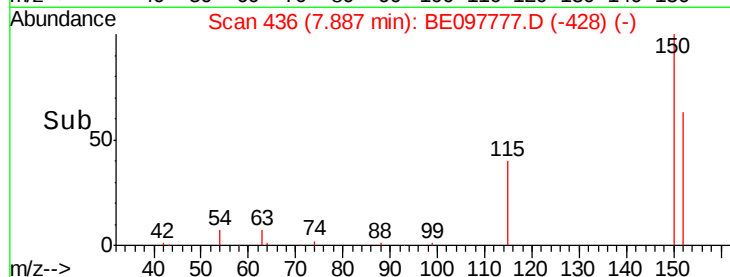
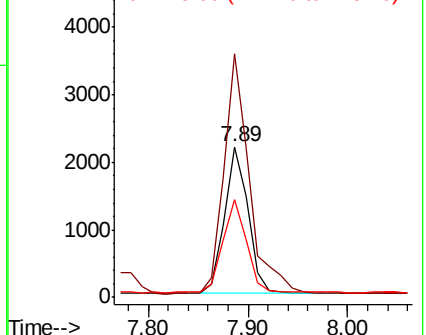


Abundance

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: 0.376 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

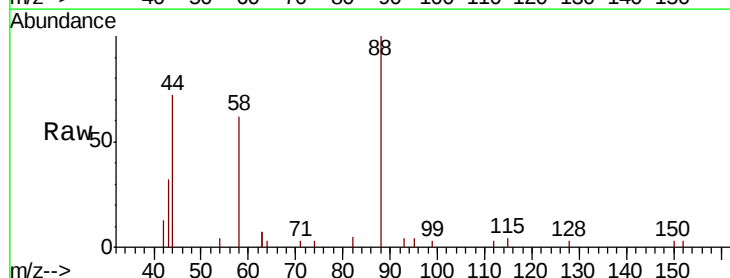
Tgt Ion: 88 Resp: 2671

Ion Ratio Lower Upper

88 100

58 86.6 70.8 106.2

43 42.8 33.3 49.9

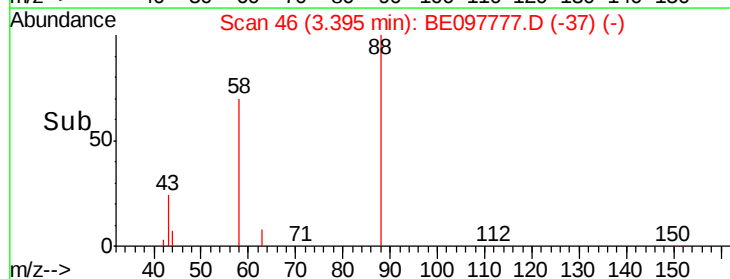
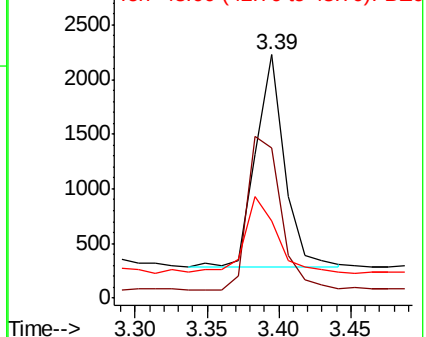


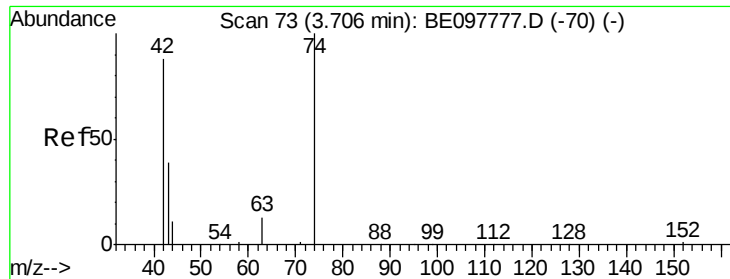
Abundance

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: 0.344 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

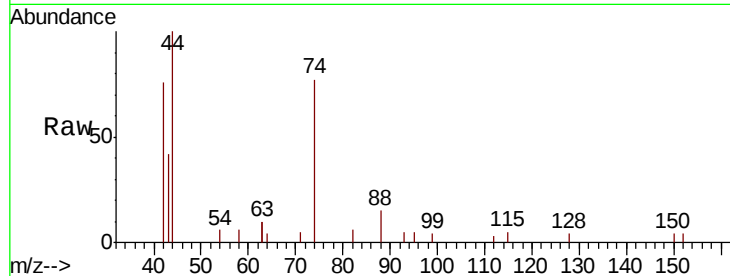
Tot Ion: 42 Resp: 2220

Ion Ratio Lower Upper

42 100

74 98.4 70.7 106.1

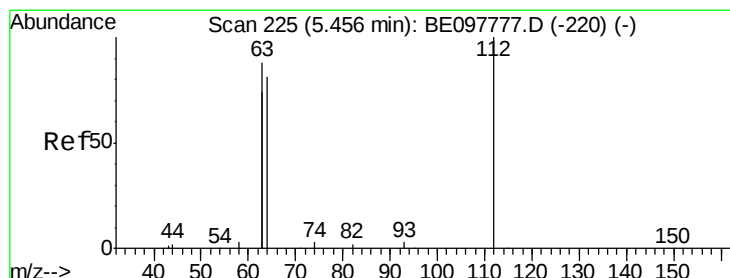
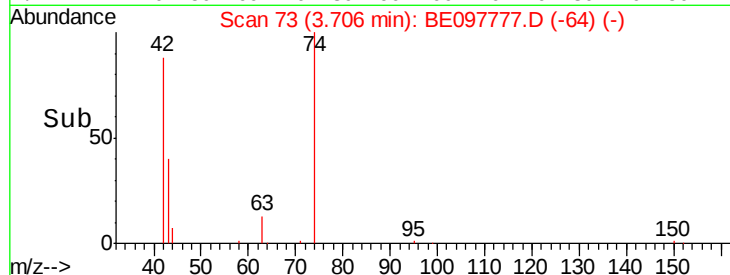
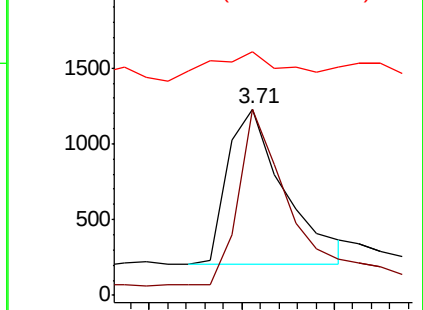
44 23.0 15.0 22.4#



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: 0.407 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

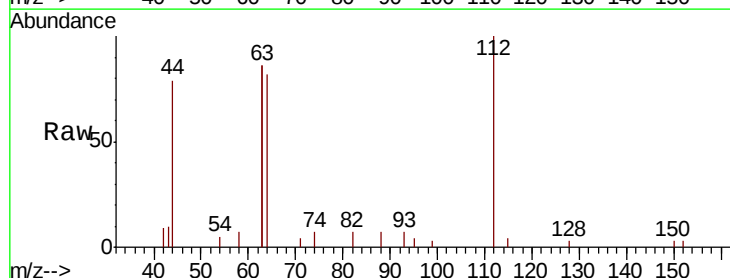
Tgt Ion: 112 Resp: 3428

Ion Ratio Lower Upper

112 100

64 73.6 56.6 84.8

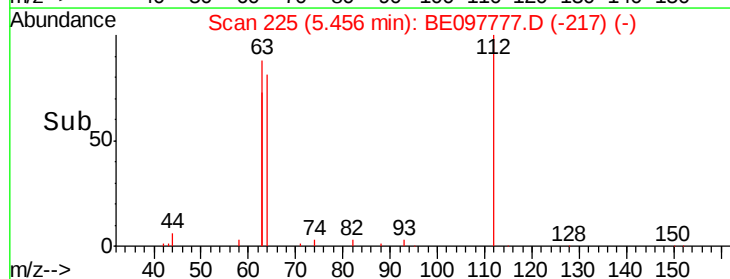
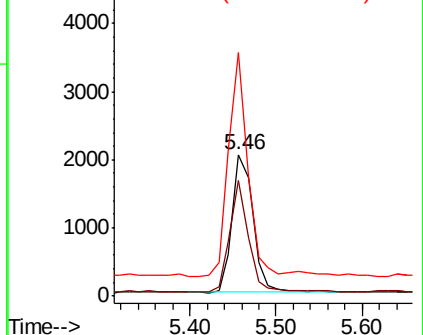
63 147.5 119.4 179.0

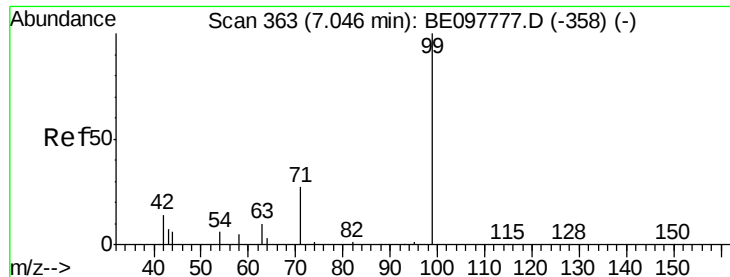


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.395 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

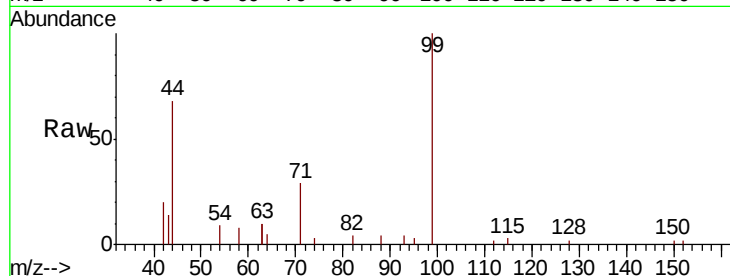
Tot Ion: 99 Resp: 5097

Ion Ratio Lower Upper

99 100

42 28.8 19.9 29.9

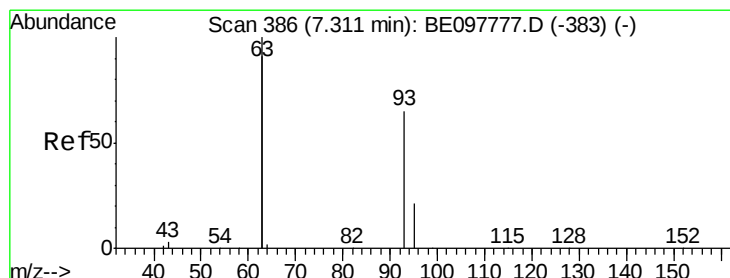
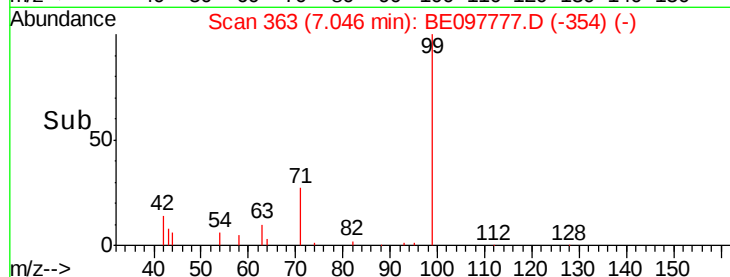
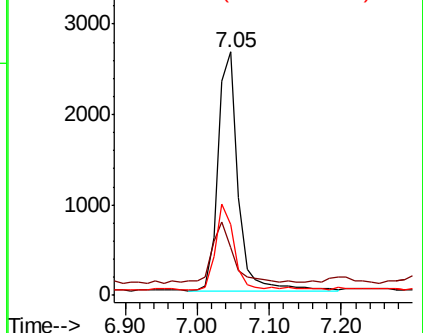
71 34.1 25.4 38.2



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: BE097777.D

Acq: 6 Oct 2018 5:27

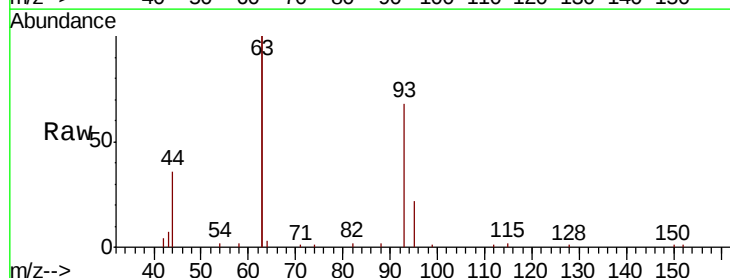
Tgt Ion: 93 Resp: 5091

Ion Ratio Lower Upper

93 100

63 341.7 266.9 400.3

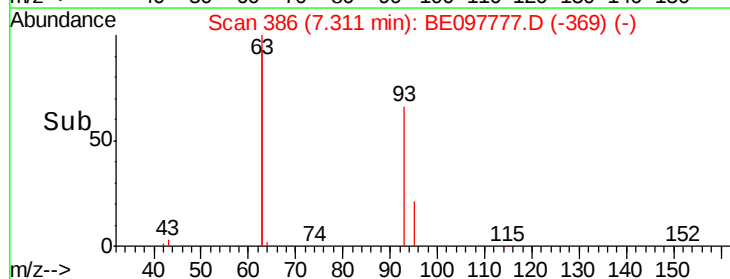
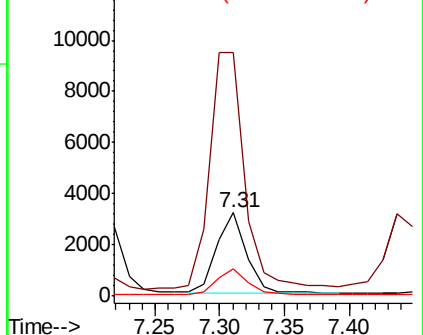
95 32.3 26.2 39.2

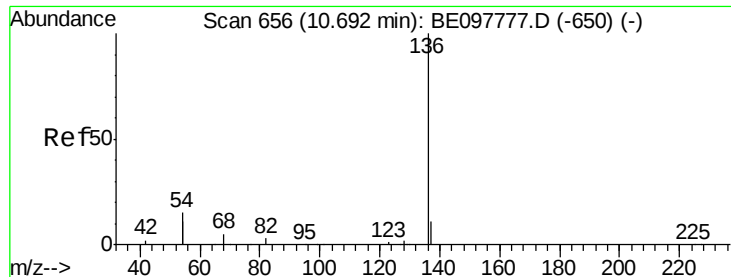


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15459

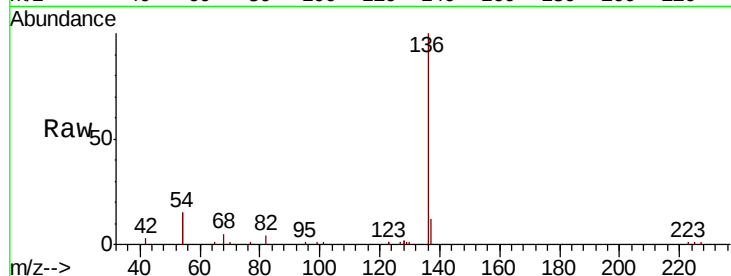
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 29.4 37.8 56.6#

68 5.5 6.4 9.6#

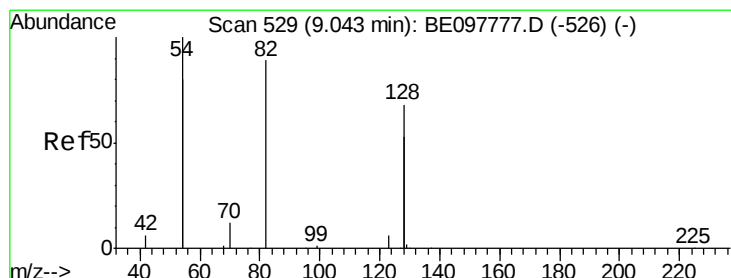
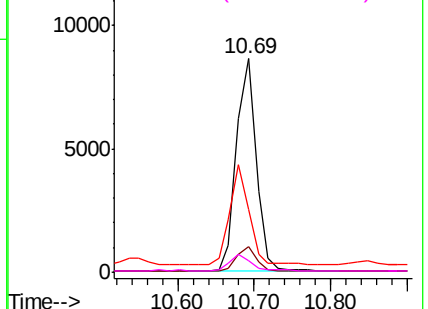
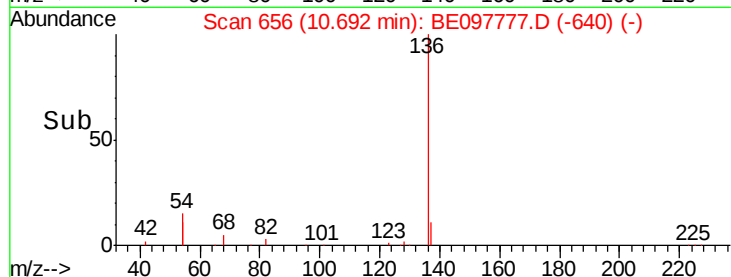


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.713 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

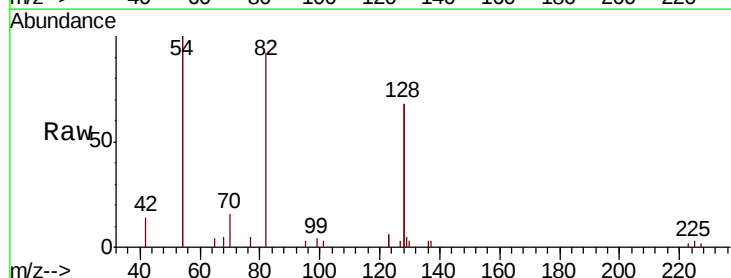
Tgt Ion: 82 Resp: 3576

Ion Ratio Lower Upper

82 100

128 146.5 97.0 145.4#

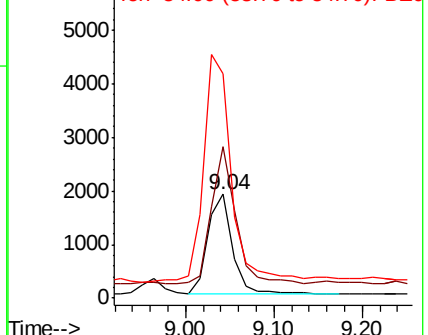
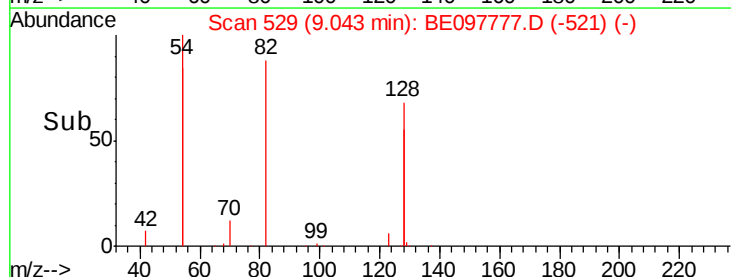
54 216.3 206.9 310.3

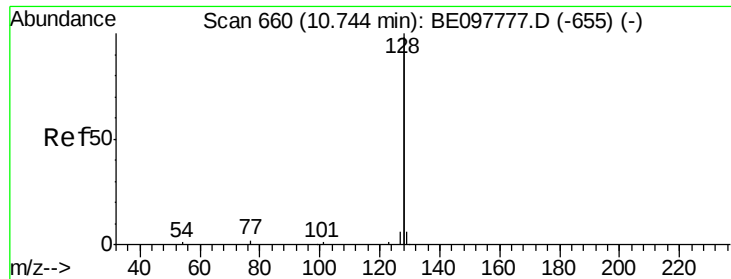


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.388 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

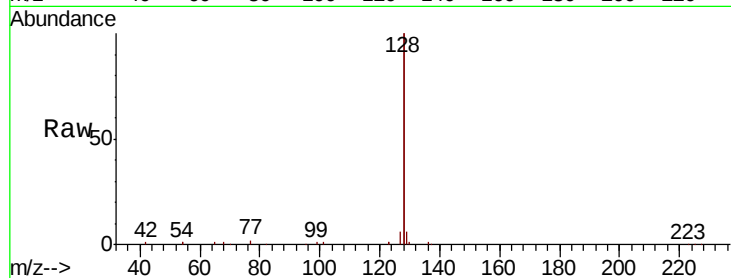
Tot Ion:128 Resp: 60443

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

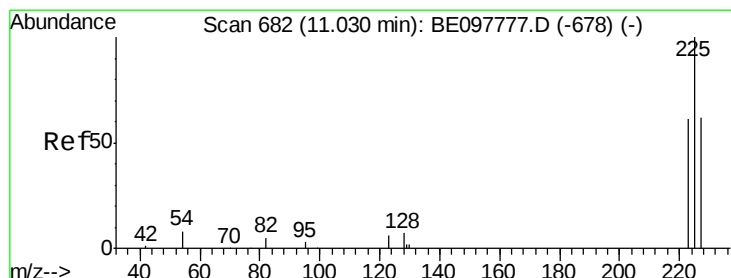
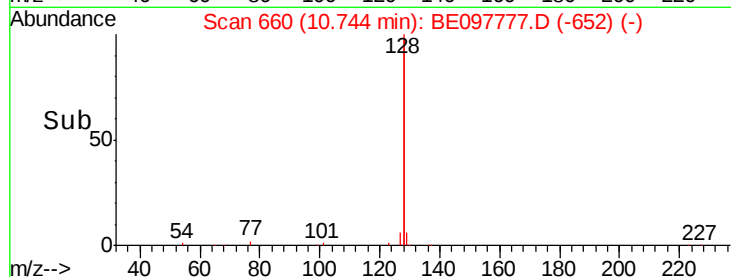
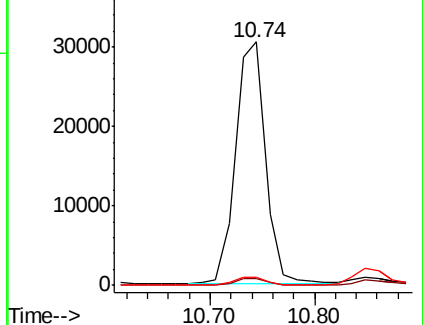
127 3.1 2.7 4.1



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: 0.396 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

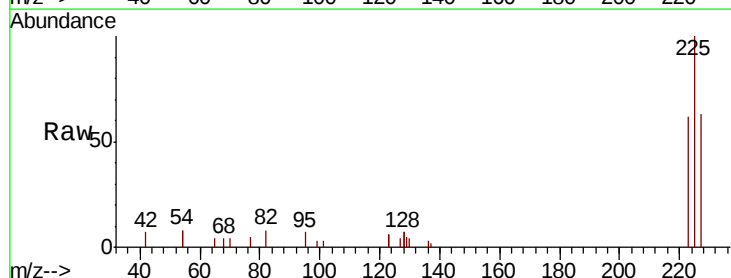
Tgt Ion:225 Resp: 3270

Ion Ratio Lower Upper

225 100

223 60.6 52.2 78.4

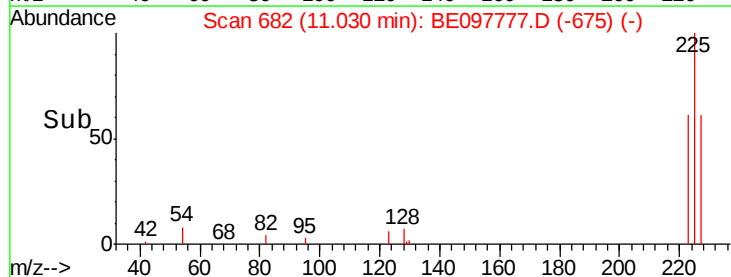
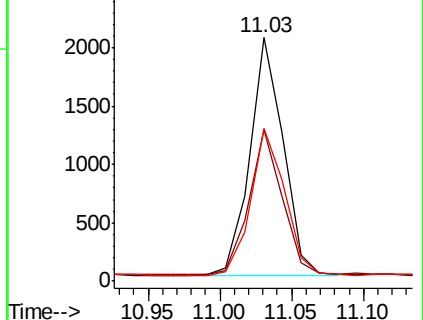
227 63.6 51.2 76.8

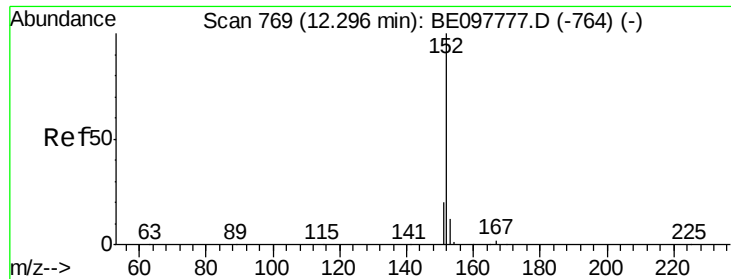


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

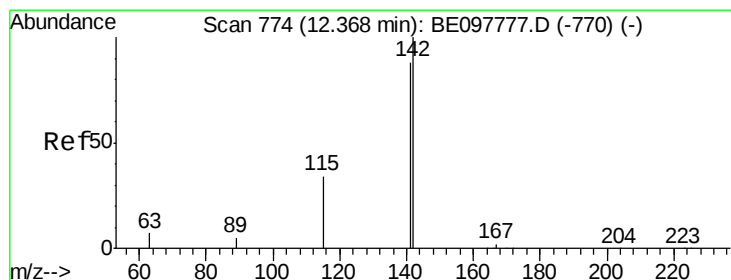
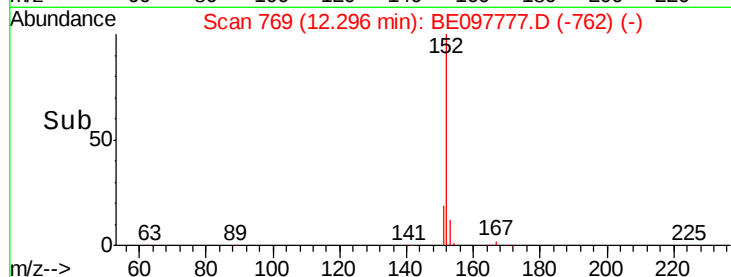
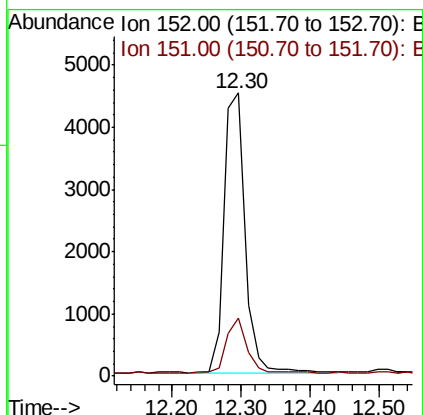
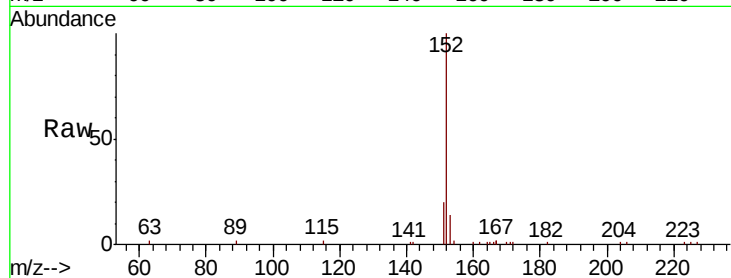




#11
 2-Methylnaphthalene-d10
 Concen: 0.387 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

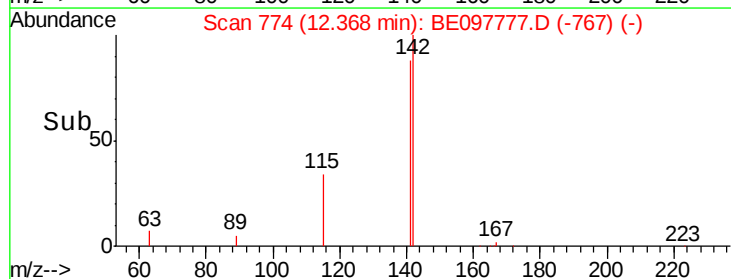
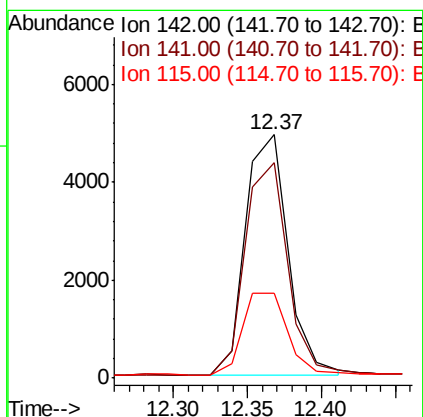
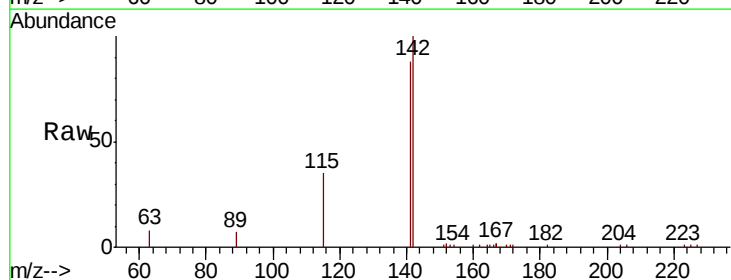
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

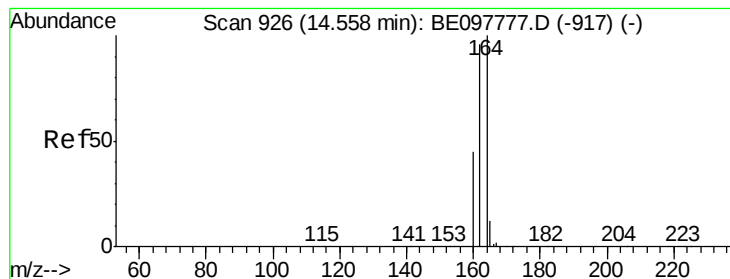
Tot Ion:152 Resp: 9520
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

Tgt Ion:142 Resp: 9797
 Ion Ratio Lower Upper
 142 100
 141 88.4 69.4 104.2
 115 34.7 28.0 42.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

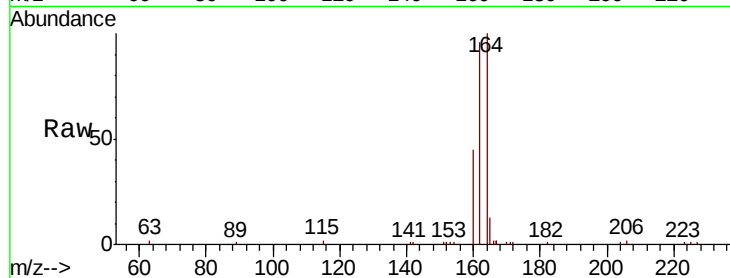
Tot Ion:164 Resp: 9276

Ion Ratio Lower Upper

164 100

162 96.2 78.6 117.8

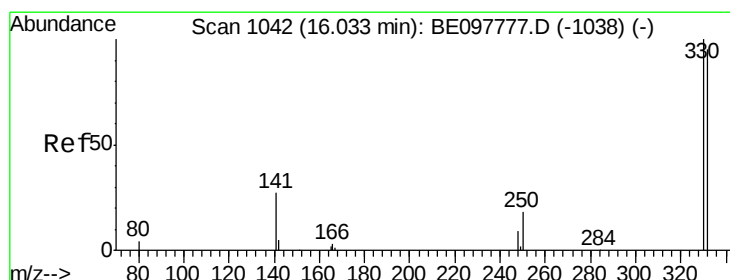
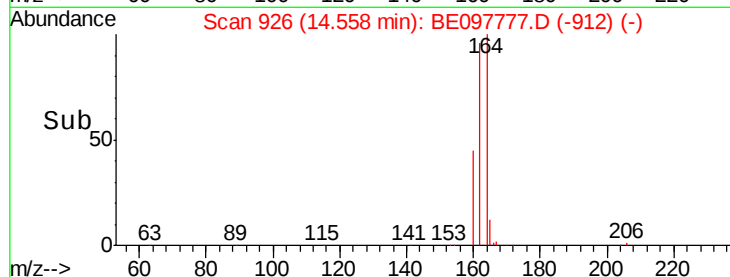
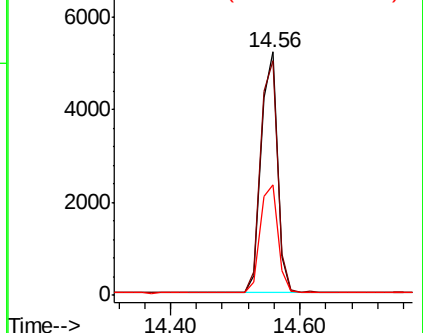
160 45.3 37.8 56.6



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: 0.507 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

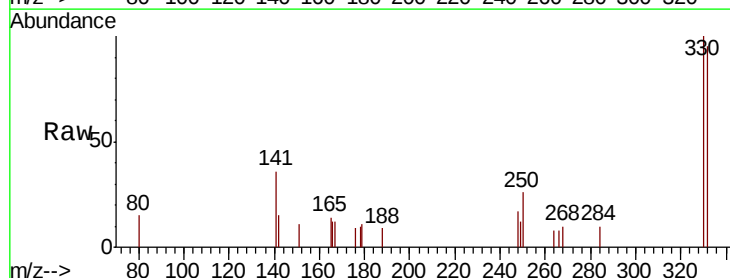
Tgt Ion:330 Resp: 853

Ion Ratio Lower Upper

330 100

332 103.3 83.5 125.3

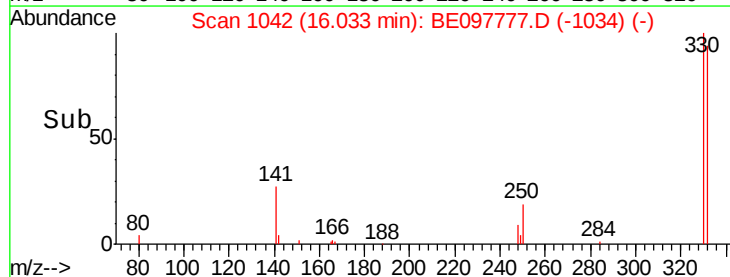
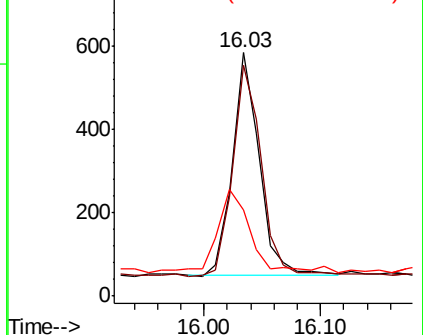
141 40.2 34.9 52.3

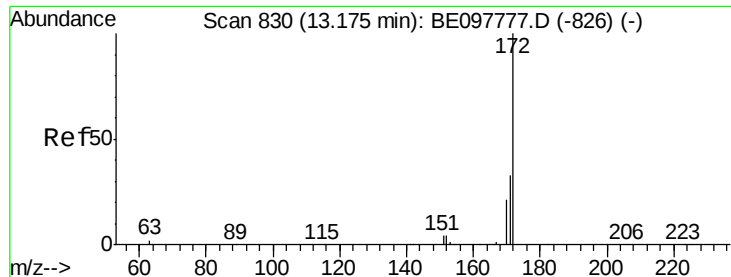


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

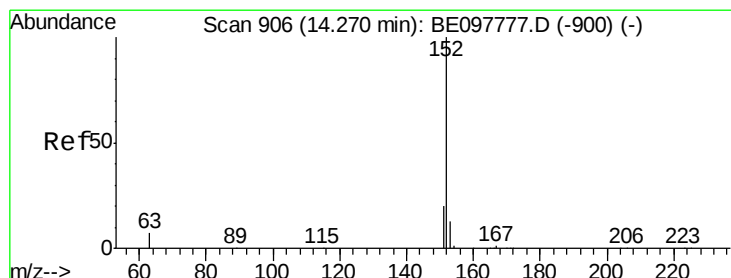
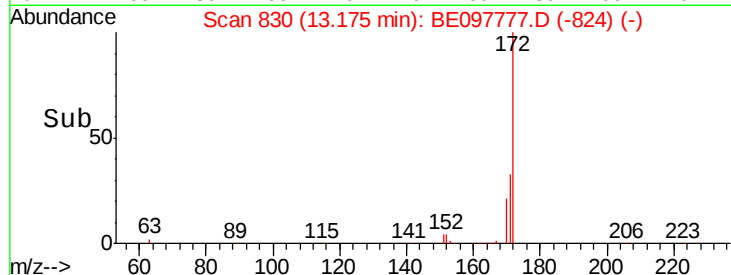
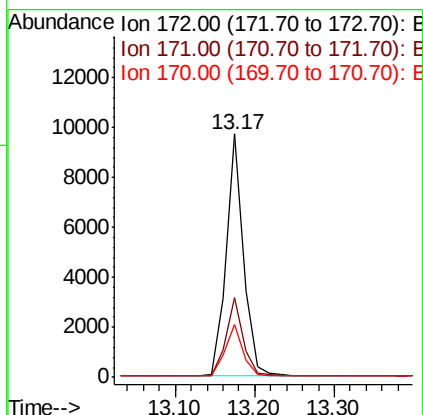
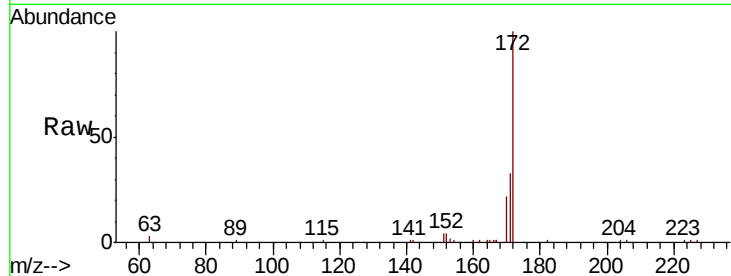




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097777.D
Acq: 6 Oct 2018 5:27

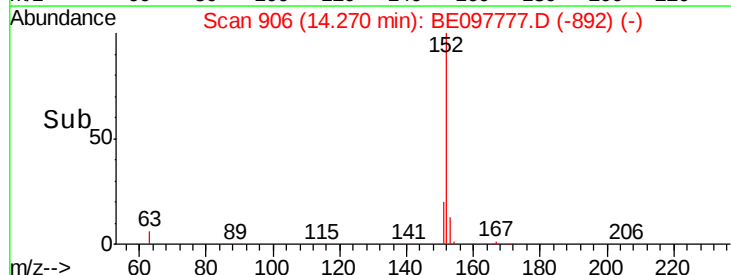
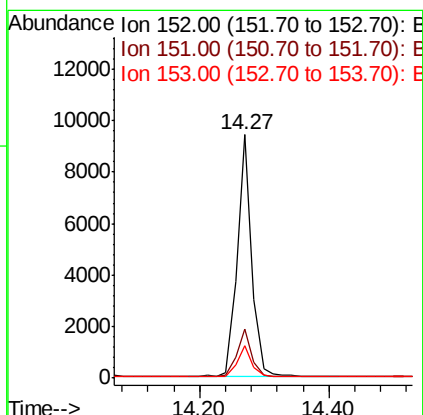
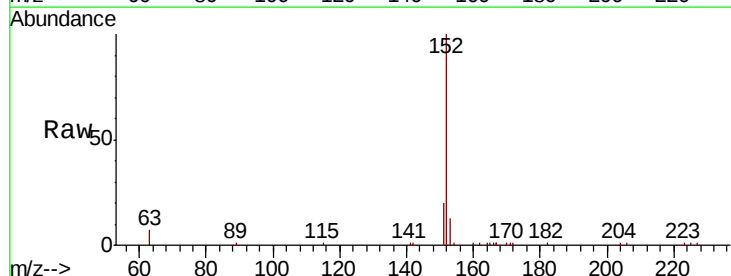
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

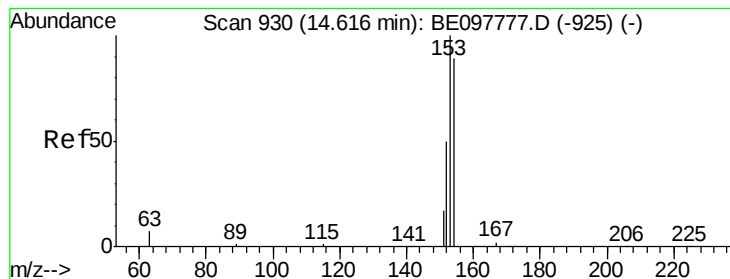
Tot Ion:172 Resp: 14685
Ion Ratio Lower Upper
172 100
171 33.0 25.2 37.8
170 21.5 16.2 24.2



#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097777.D
Acq: 6 Oct 2018 5:27

Tgt Ion:152 Resp: 14644
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 12.4 10.8 16.2





#17

Acenaphthene

Concen: 0.376 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

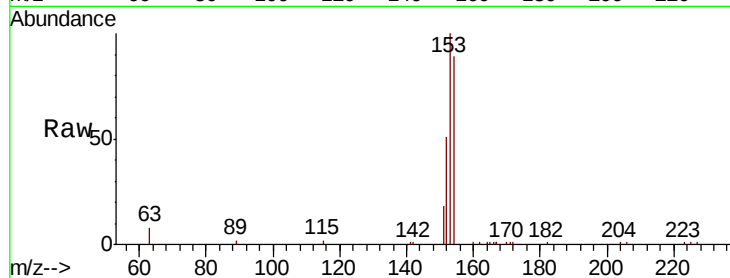
Tot Ion:154 Resp: 9891

Ion Ratio Lower Upper

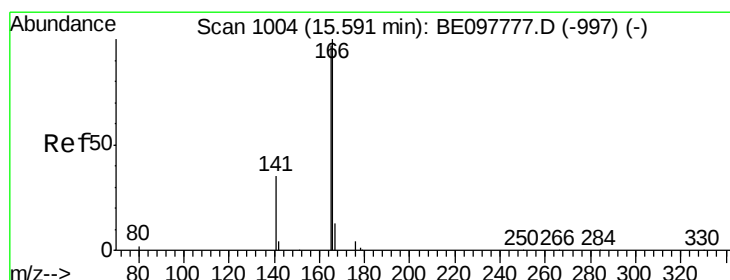
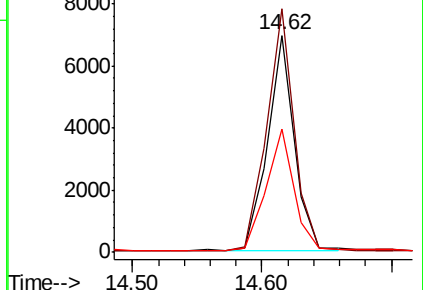
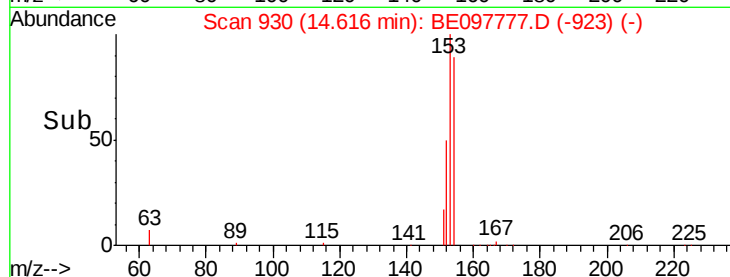
154 100

153 114.7 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: 0.378 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

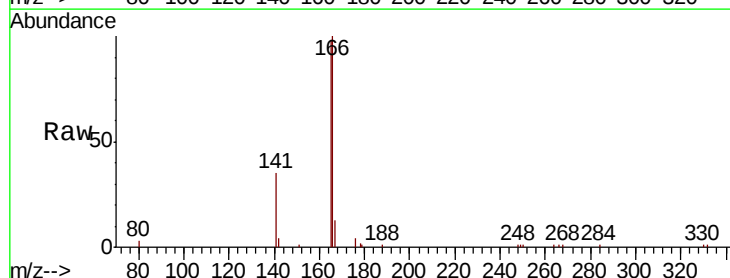
Tgt Ion:166 Resp: 13207

Ion Ratio Lower Upper

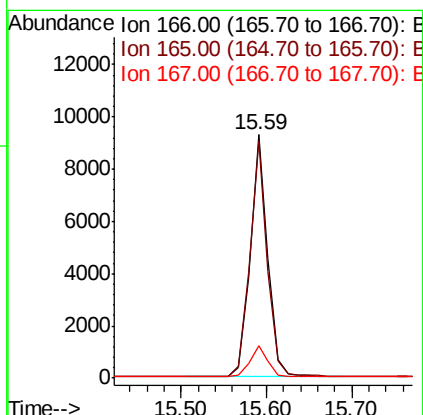
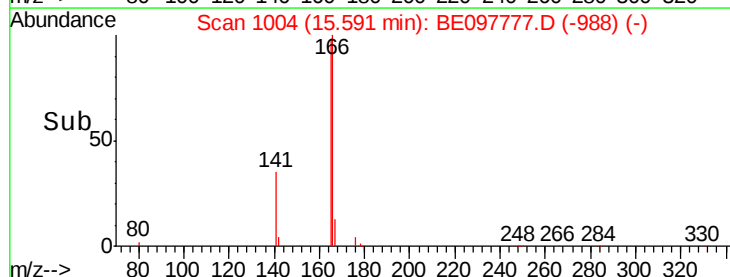
166 100

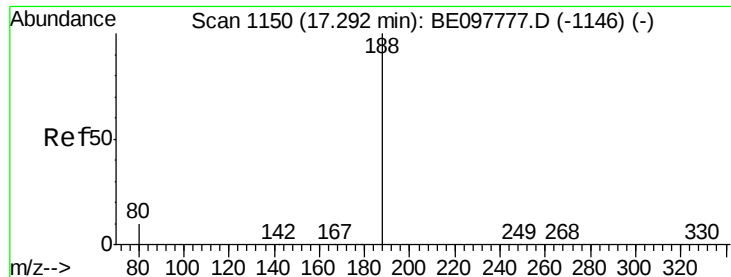
165 97.6 79.0 118.4

167 13.1 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: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

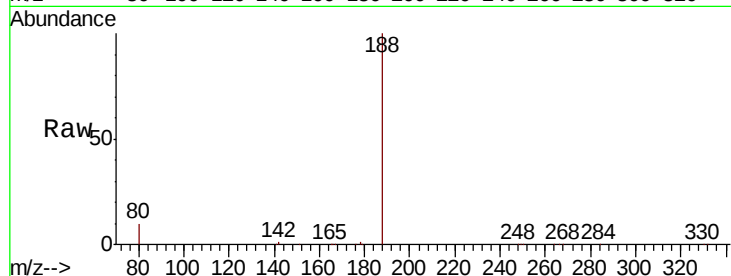
Tot Ion:188 Resp: 25135

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

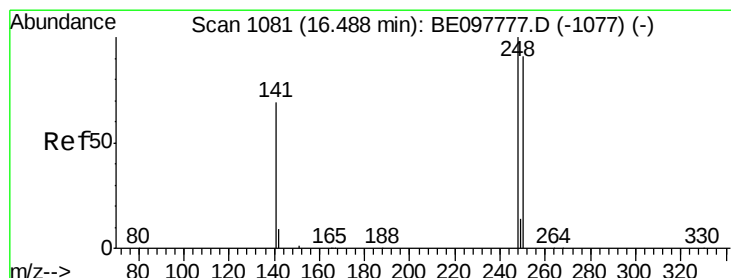
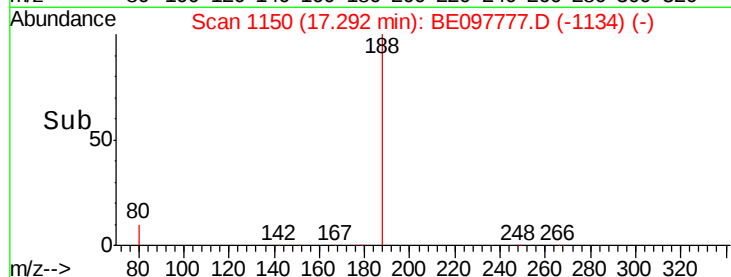
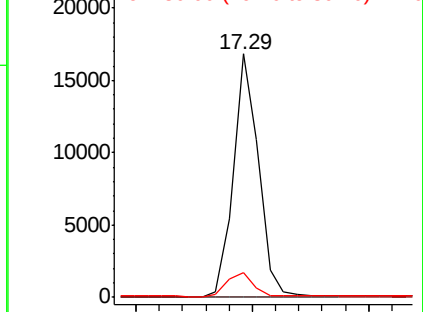
80 10.2 6.6 9.8#



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: 0.376 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

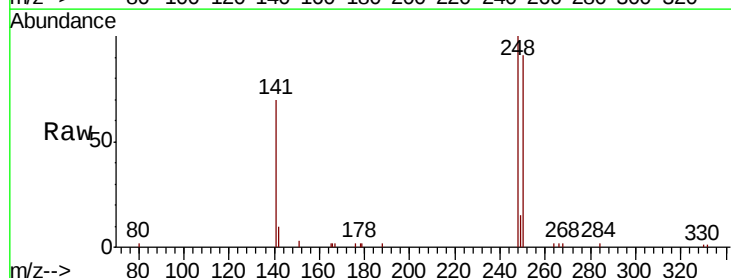
Tgt Ion:248 Resp: 4958

Ion Ratio Lower Upper

248 100

250 91.3 76.1 114.1

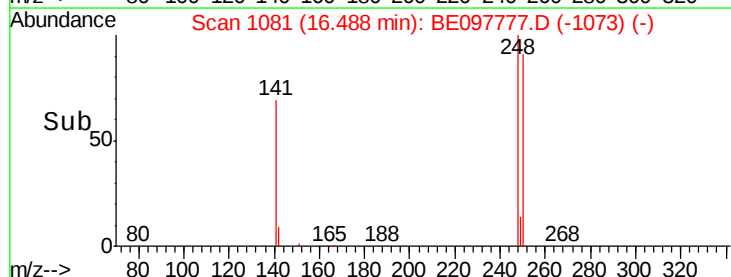
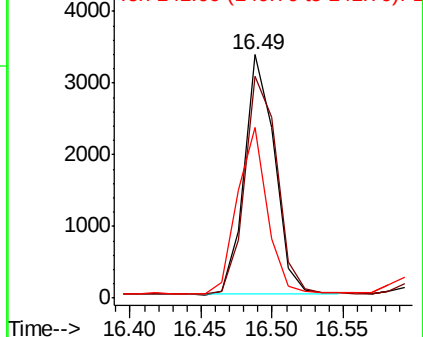
141 70.0 42.2 63.4#

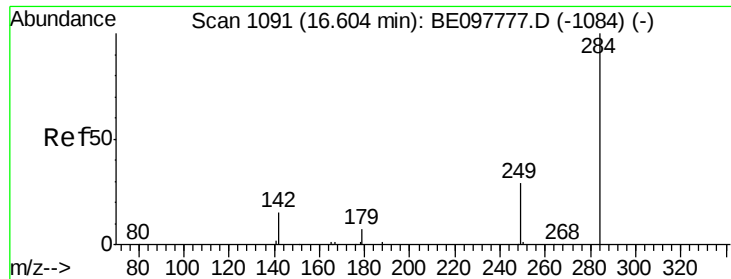


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

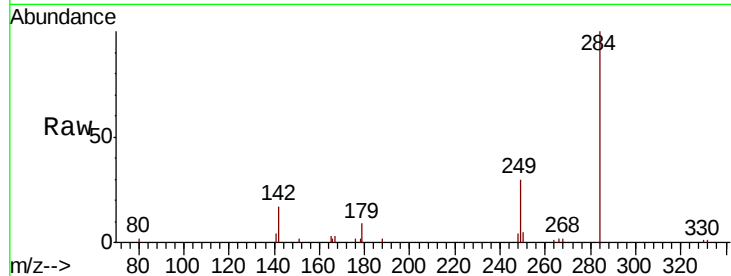
Tot Ion:284 Resp: 5271

Ion Ratio Lower Upper

284 100

142 35.2 24.9 37.3

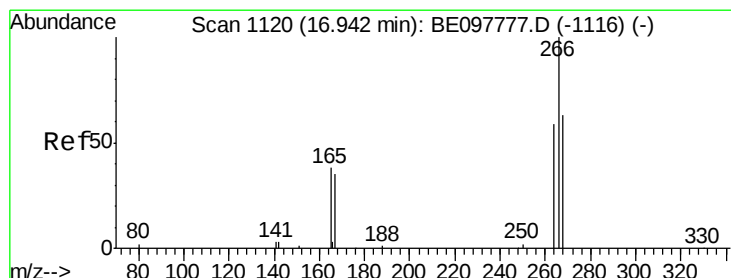
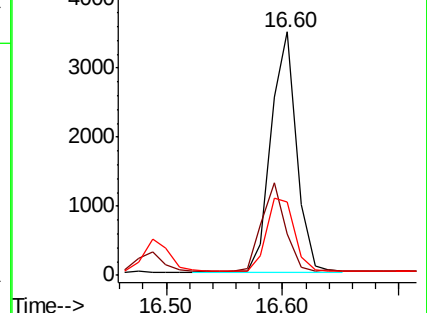
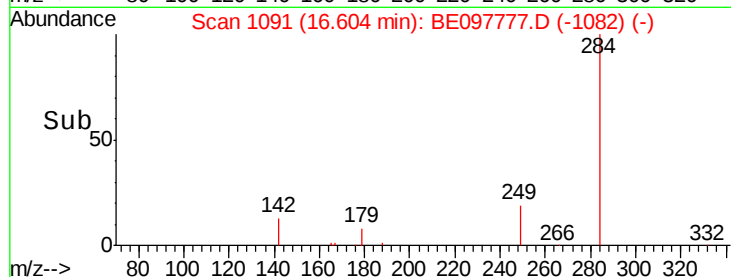
249 33.6 25.8 38.8



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: 0.563 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

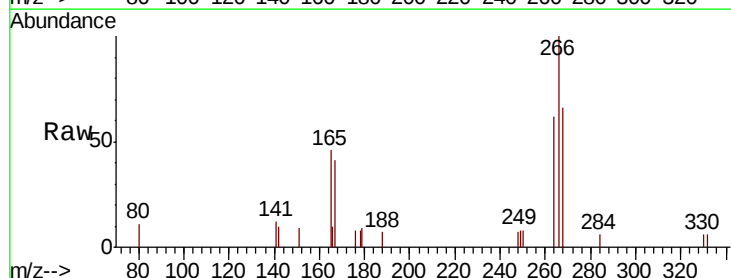
Tgt Ion:266 Resp: 1311

Ion Ratio Lower Upper

266 100

264 61.8 46.8 70.2

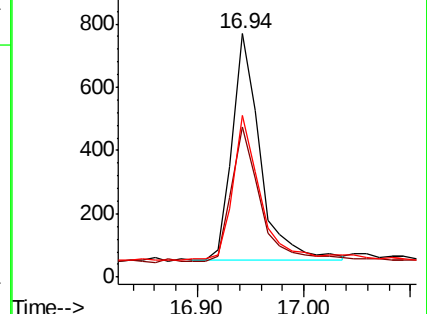
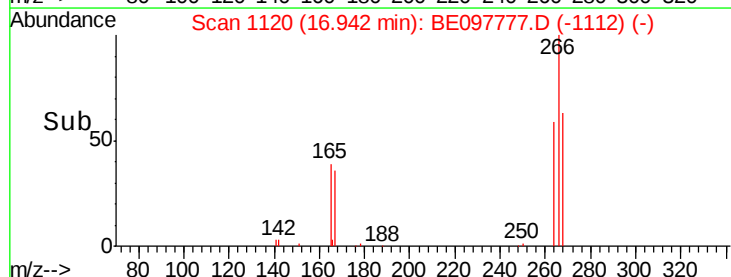
268 66.4 53.0 79.6

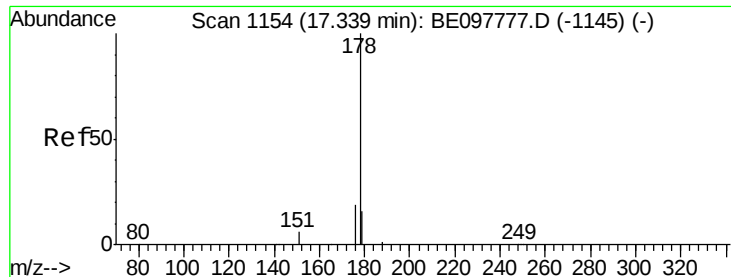


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

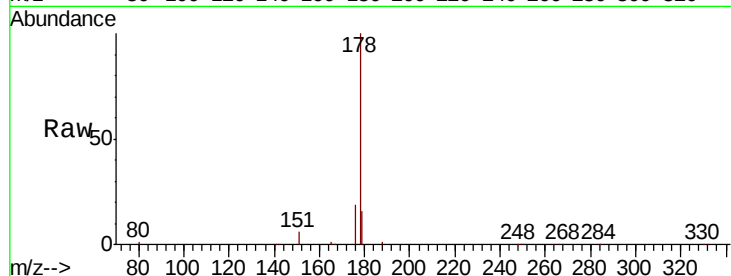
Tot Ion:178 Resp: 24628

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

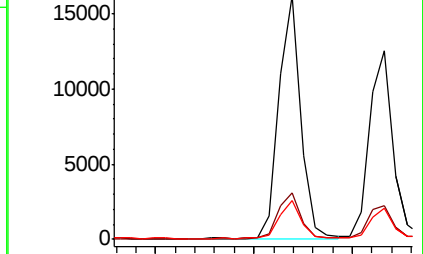
179 15.5 12.2 18.4



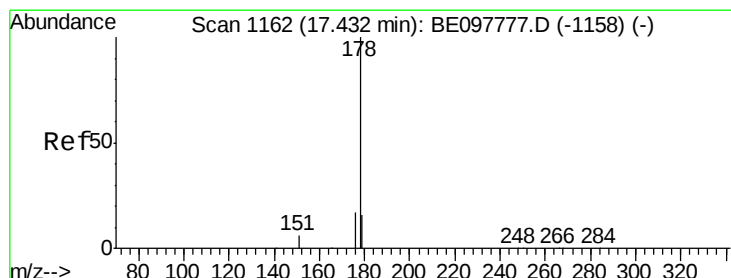
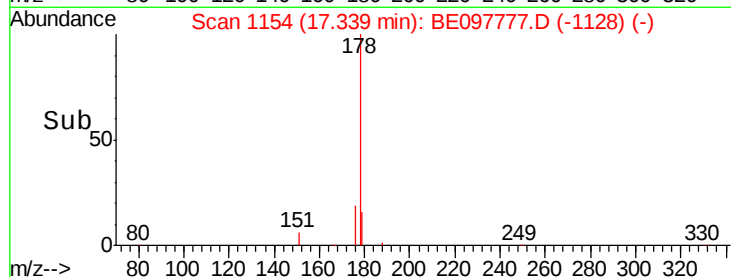
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.365 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

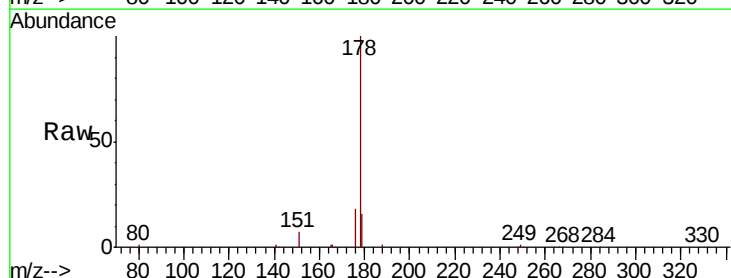
Tgt Ion:178 Resp: 20389

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

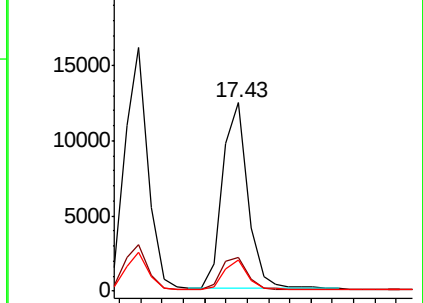
179 15.7 12.2 18.2



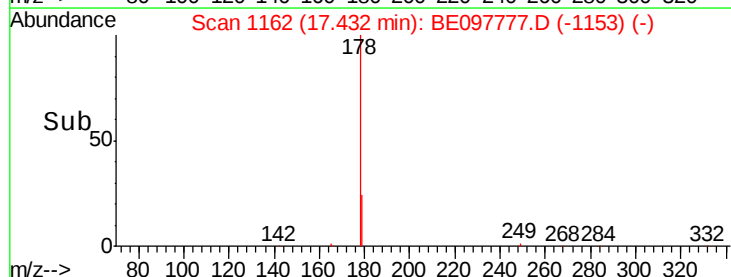
Abundance Ion 178.00 (177.70 to 178.70): E

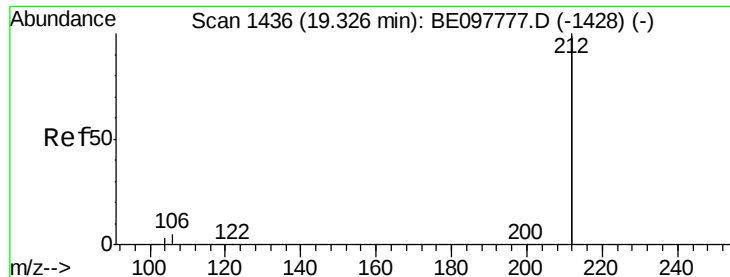
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

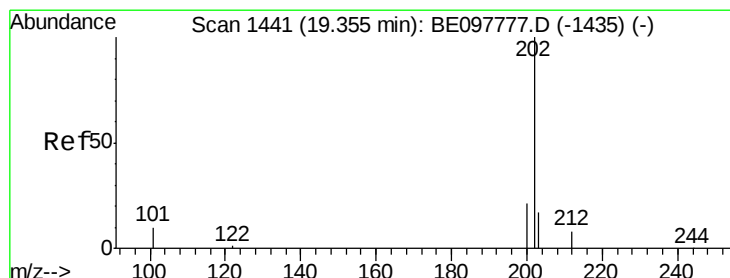
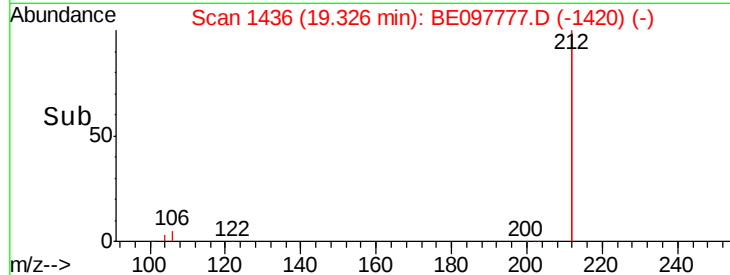
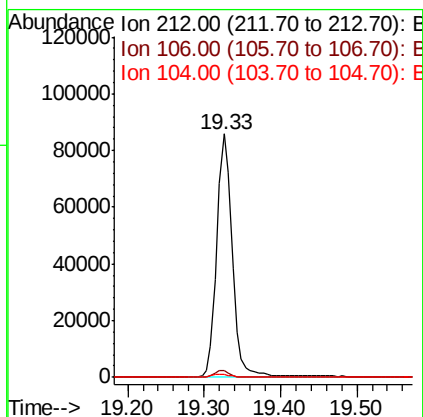
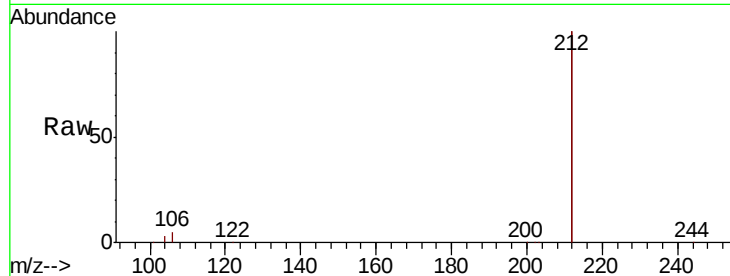




#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

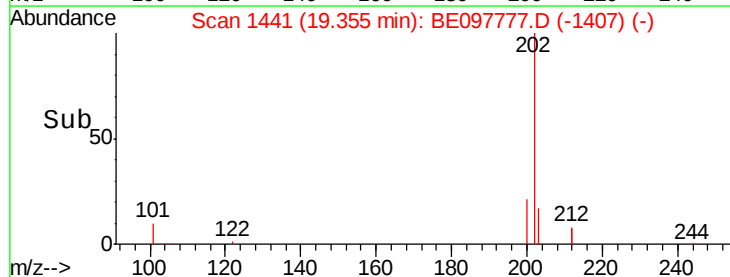
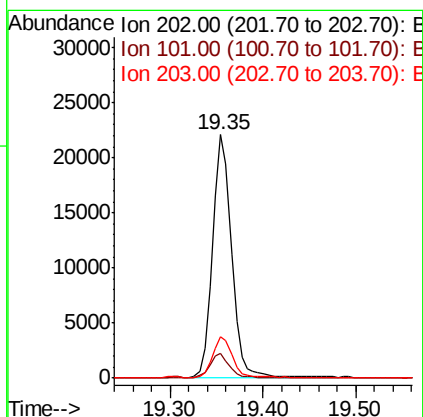
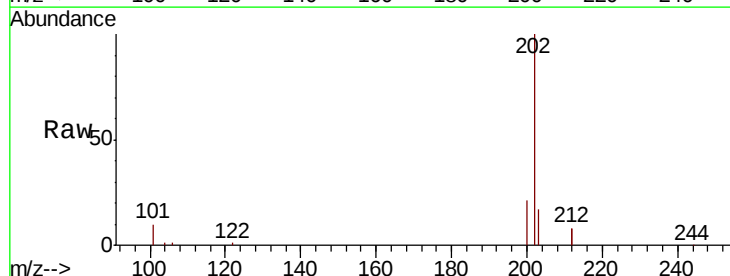
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

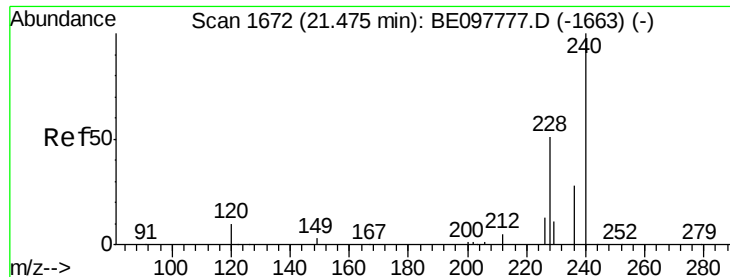
Tot Ion:212 Resp: 120023
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.376 ng
 RT: 19.35 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

Tgt Ion:202 Resp: 30988
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 203 17.1 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

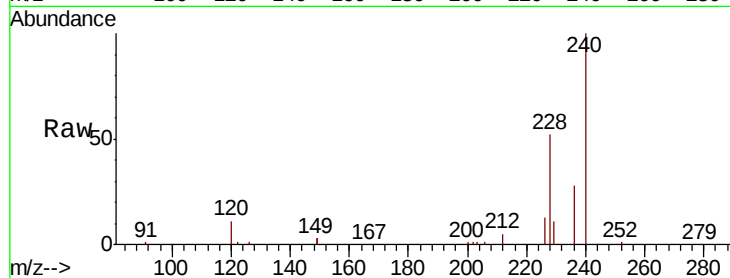
Tot Ion:240 Resp: 31787

Ion Ratio Lower Upper

240 100

120 10.5 4.7 7.1#

236 28.0 20.8 31.2

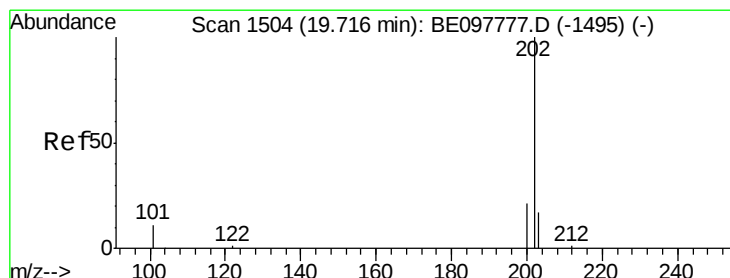
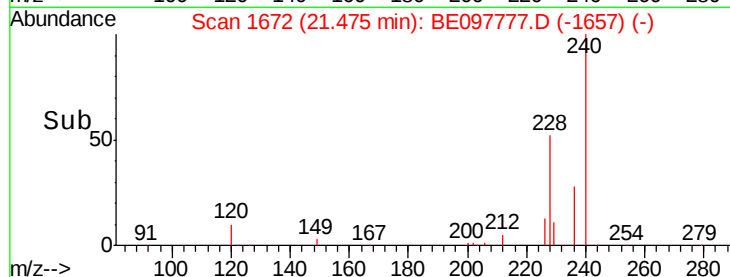
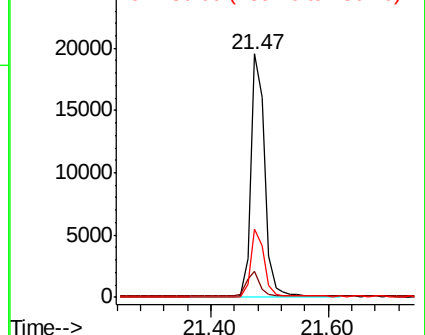


Abundance

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: 0.395 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

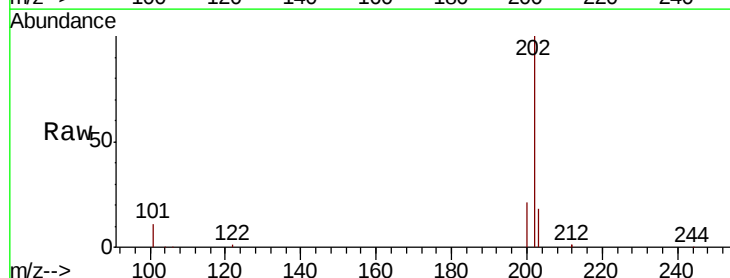
Tgt Ion:202 Resp: 31927

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.1 13.9 20.9

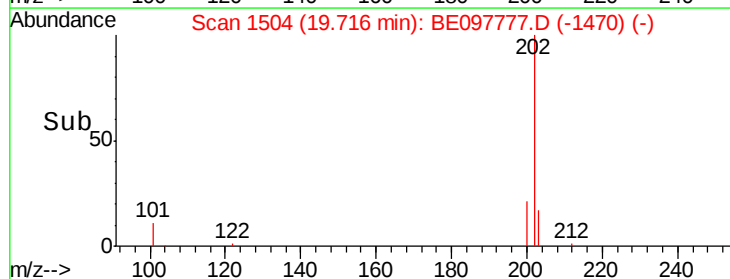
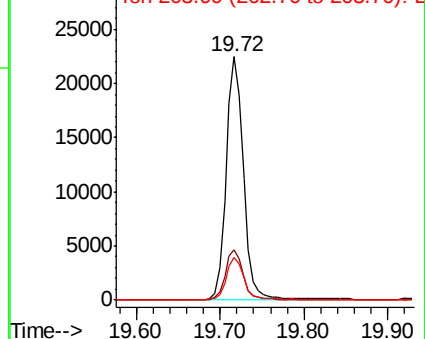


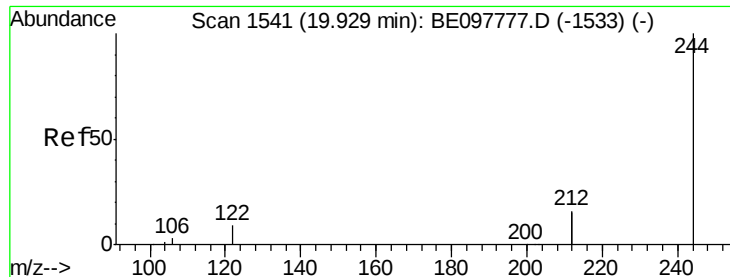
Abundance

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

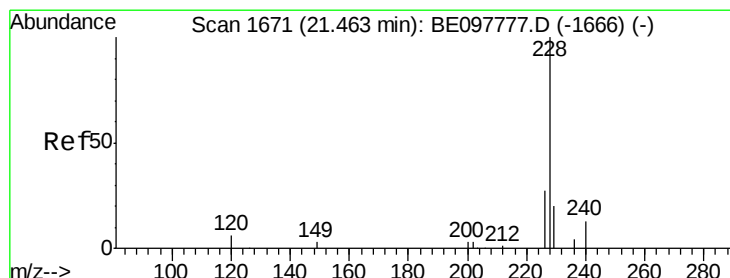
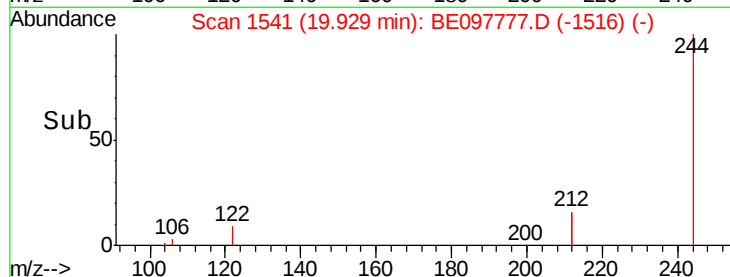
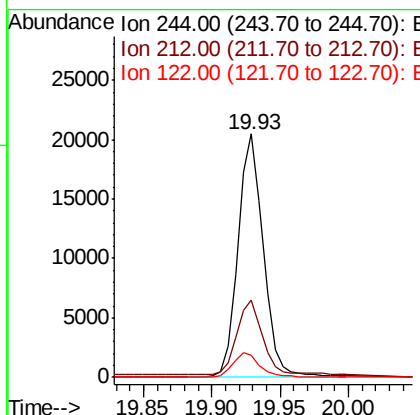
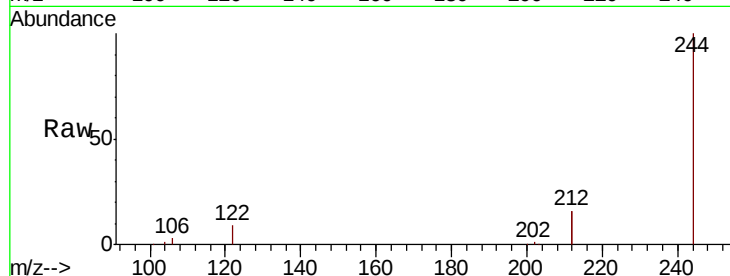




#29
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

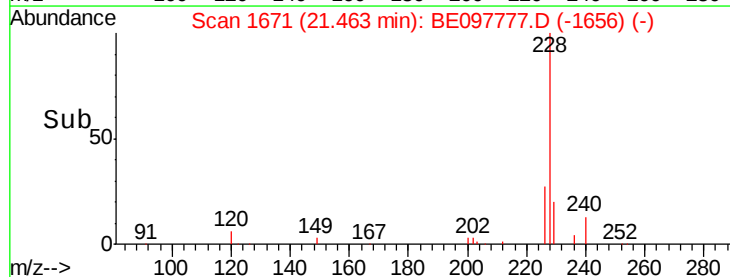
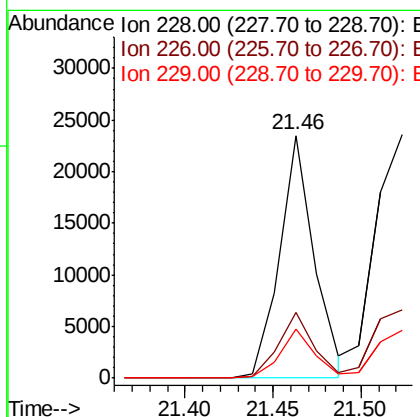
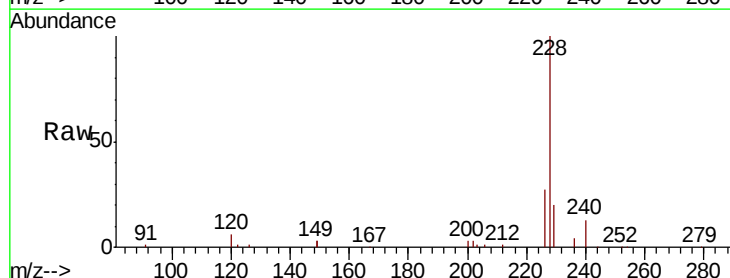
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

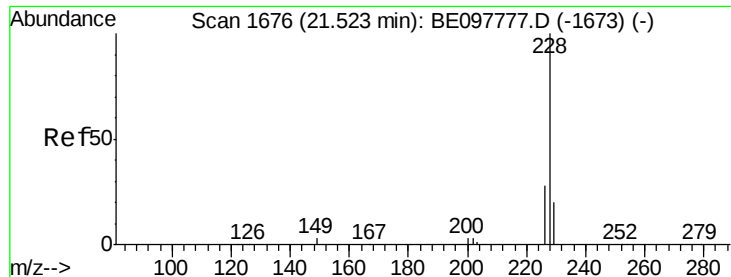
Tot Ion:244 Resp: 26047
 Ion Ratio Lower Upper
 244 100
 212 31.6 25.8 38.8
 122 9.0 8.7 13.1



#30
 Benzo(a)anthracene
 Concen: 0.375 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BE097777.D
 Acq: 6 Oct 2018 5:27

Tgt Ion:228 Resp: 32084
 Ion Ratio Lower Upper
 228 100
 226 27.3 20.7 31.1
 229 20.0 15.7 23.5

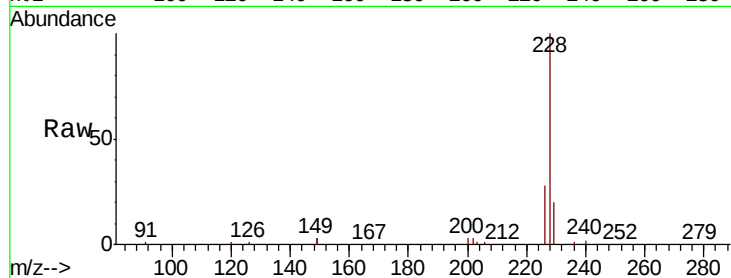




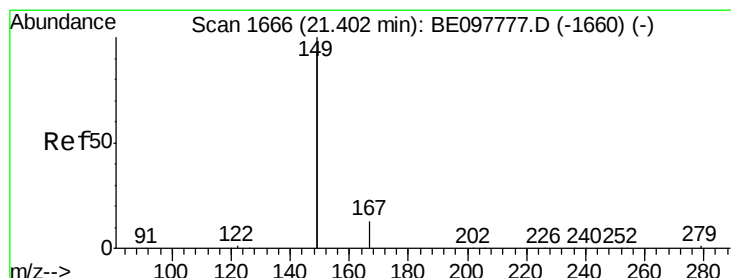
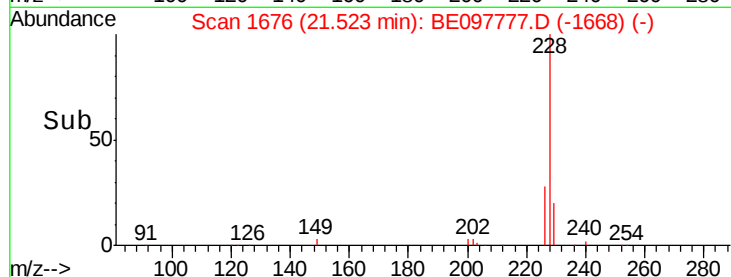
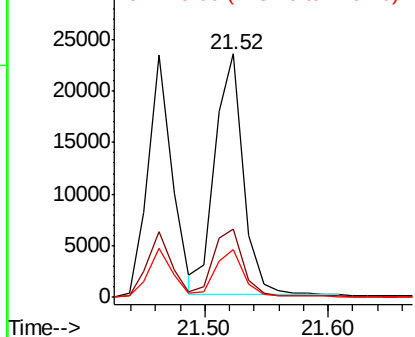
#31
Chrysene
Concen: 0.393 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097777.D
Acq: 6 Oct 2018 5:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:228 Resp: 37530
Ion Ratio Lower Upper
228 100
226 28.2 24.3 36.5
229 19.8 16.0 24.0

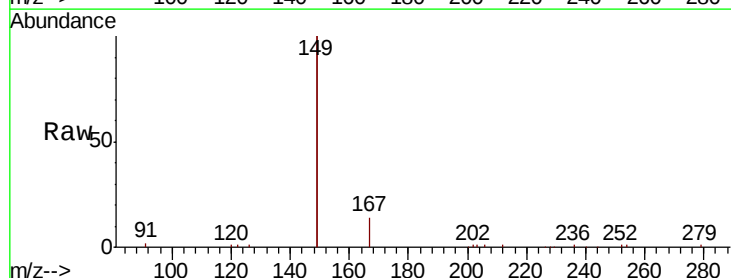


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

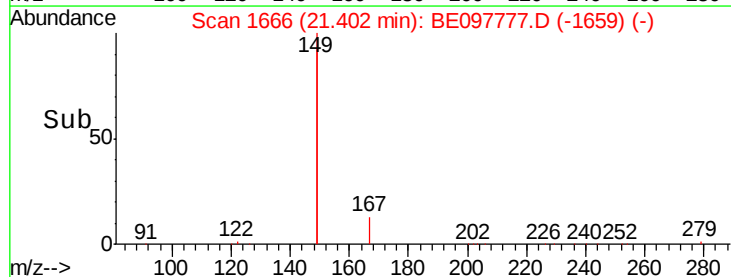
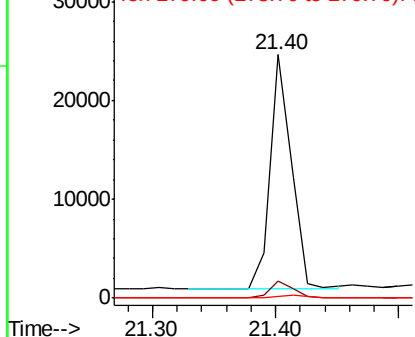


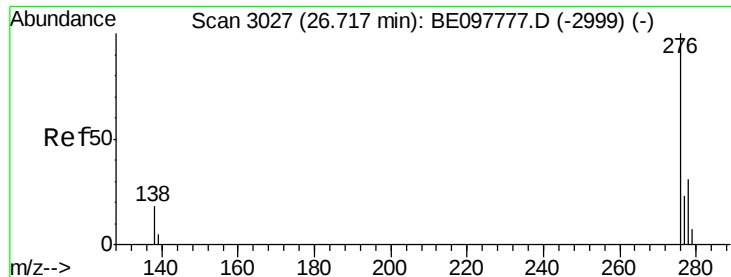
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.468 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097777.D
Acq: 6 Oct 2018 5:27

Tgt Ion:149 Resp: 29239
Ion Ratio Lower Upper
149 100
167 7.0 5.5 8.3
279 0.9 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: 0.373 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.02 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

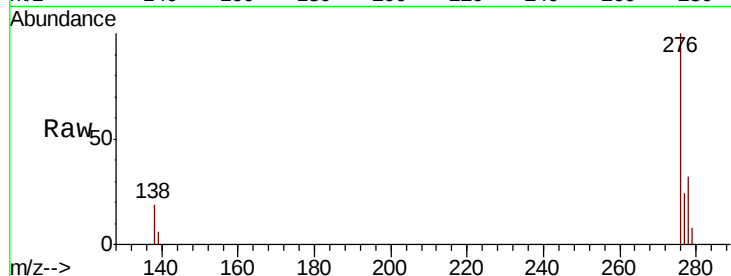
Tot Ion:276 Resp: 30922

Ion Ratio Lower Upper

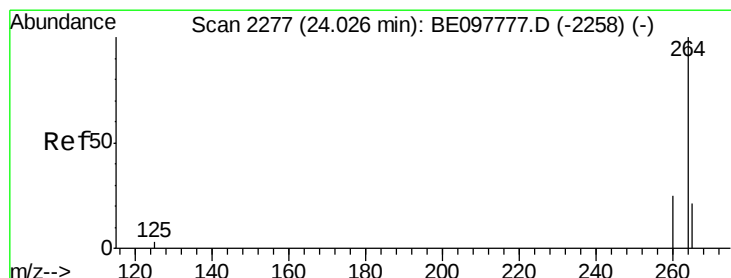
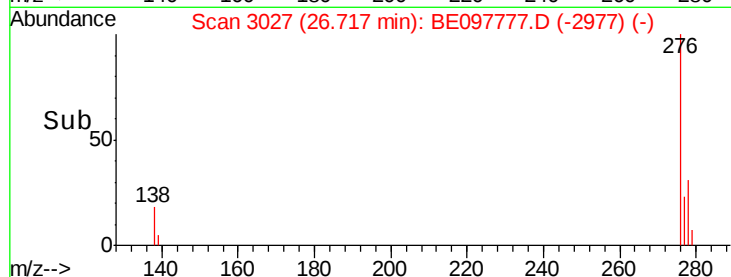
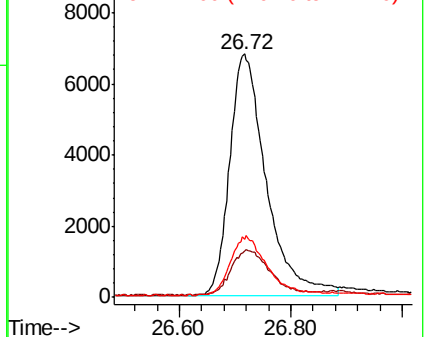
276 100

138 19.9 15.0 22.6

277 24.5 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: BE097777.D

Acq: 6 Oct 2018 5:27

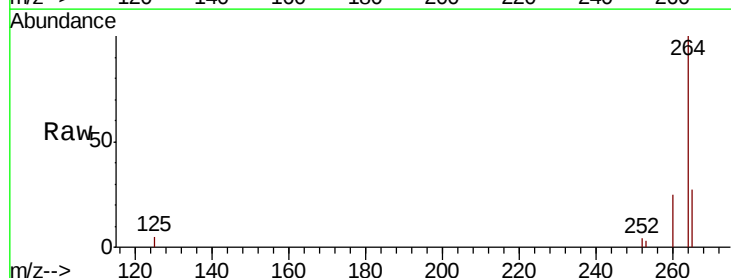
Tgt Ion:264 Resp: 30462

Ion Ratio Lower Upper

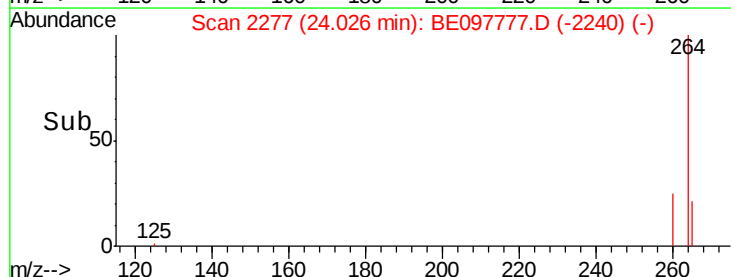
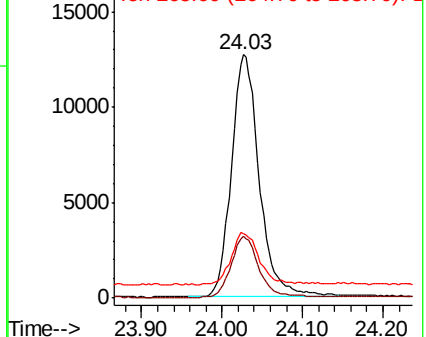
264 100

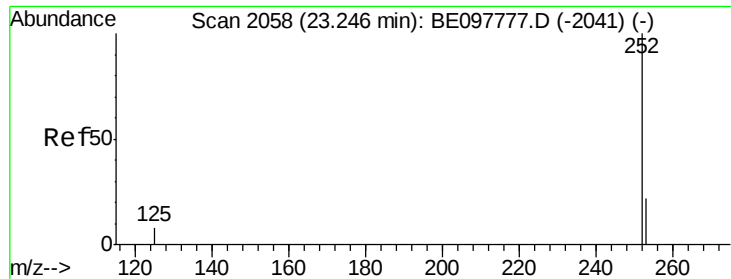
260 25.3 19.1 28.7

265 26.6 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: 0.359 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

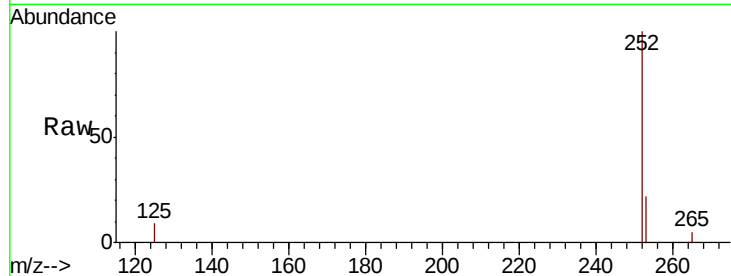
Tot Ion:252 Resp: 30035

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

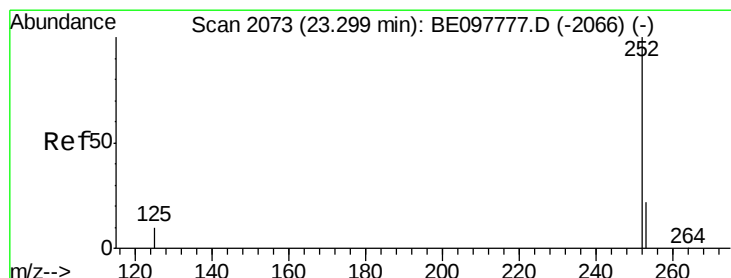
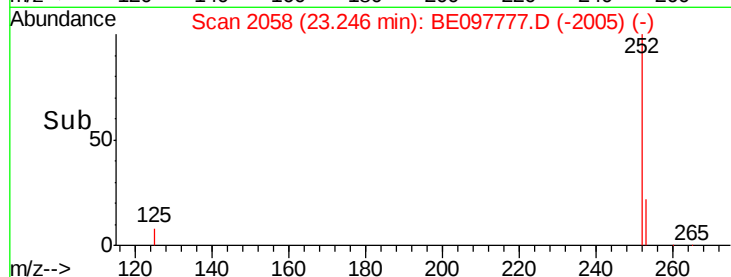
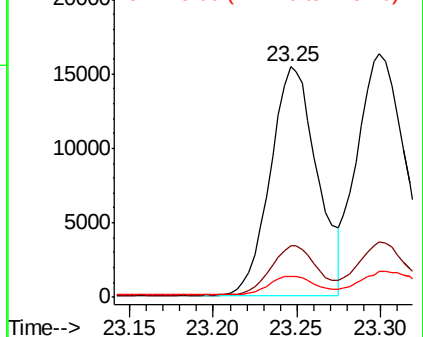
125 9.0 7.8 11.8



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: 0.376 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

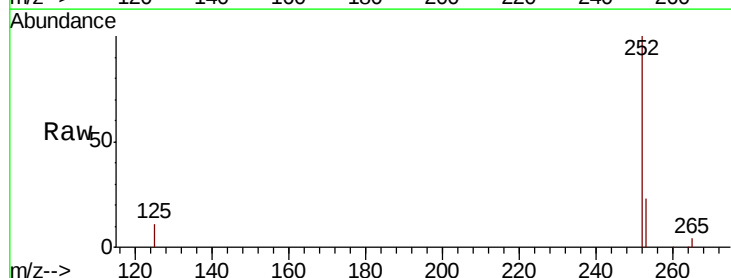
Tgt Ion:252 Resp: 34810

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

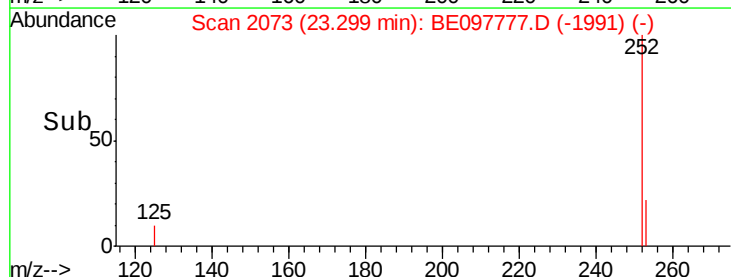
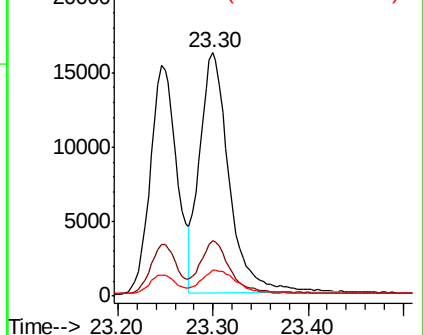
125 10.5 7.5 11.3

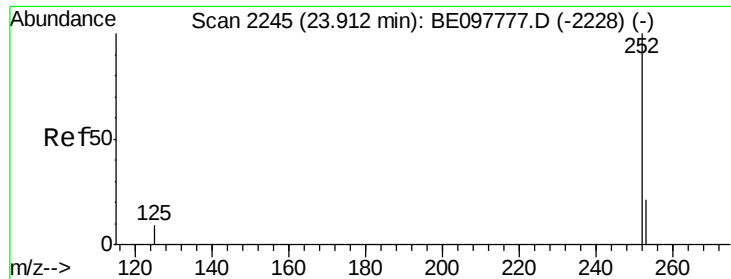


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

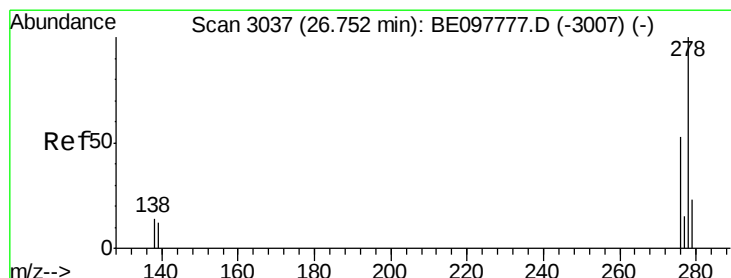
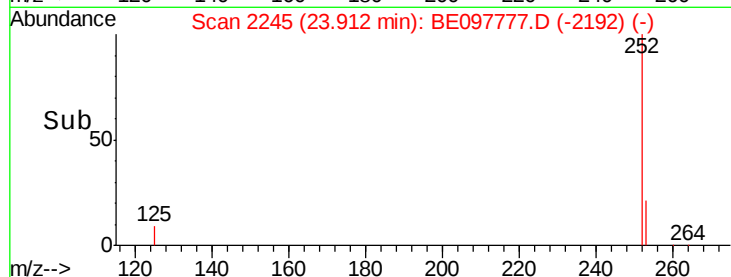
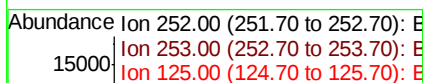
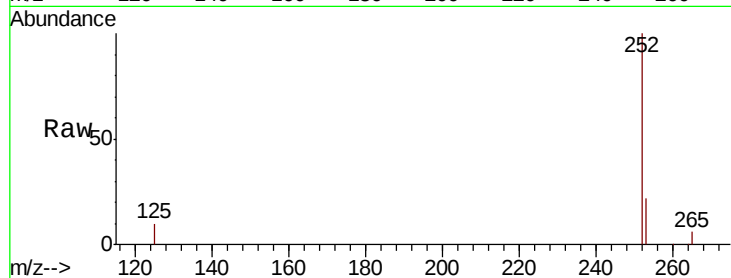
Tot Ion:252 Resp: 26857

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.3 8.3 12.5



#38

Dibenzo(a,h)anthracene

Concen: 0.341 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

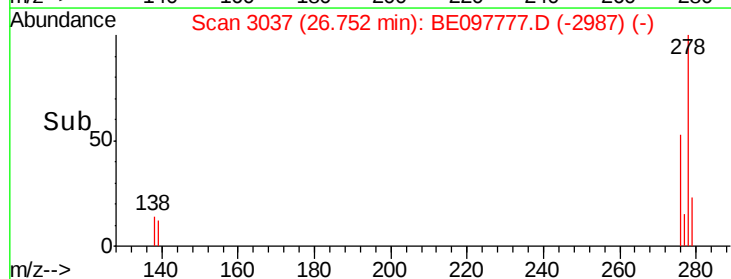
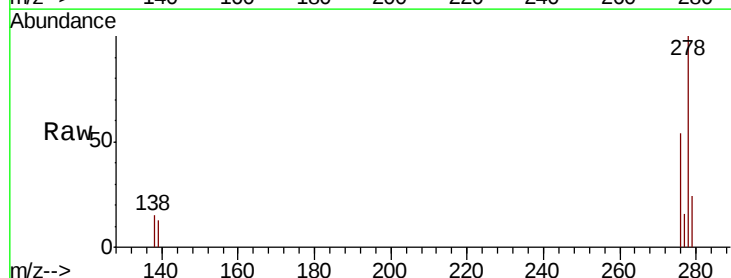
Tgt Ion:278 Resp: 25426

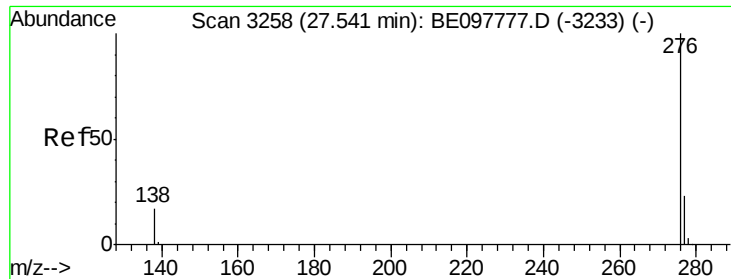
Ion Ratio Lower Upper

278 100

139 12.8 10.3 15.5

279 24.4 18.4 27.6





#39

Benzo(a,h,i)perylene

Concen: 0.357 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BE097777.D

Acq: 6 Oct 2018 5:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

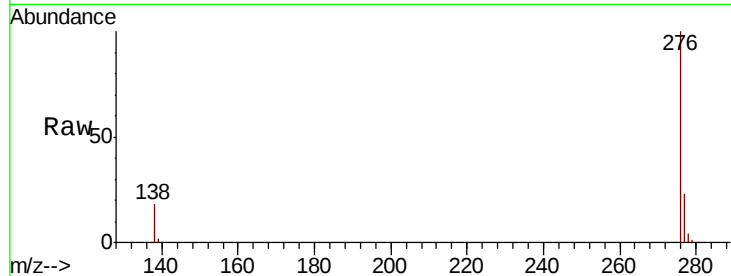
Tot Ion: 276 Resp: 27829

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 18.1 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

