

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097757.D
 Acq On : 5 Oct 2018 16:25
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 06 04:18:55 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	3132	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13393	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7693	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	20954	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	25988	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22216	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2787	0.38	ng	-0.01
5) Phenol-d6	7.05	99	4140	0.36	ng	0.00
8) Nitrobenzene-d5	9.04	82	2625	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8104	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	603	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	12800	0.38	ng	-0.02
25) Fluoranthene-d10	19.33	212	98986	0.37	ng	0.00
29) Terphenyl-d14	19.93	244	20896	0.39	ng	0.00

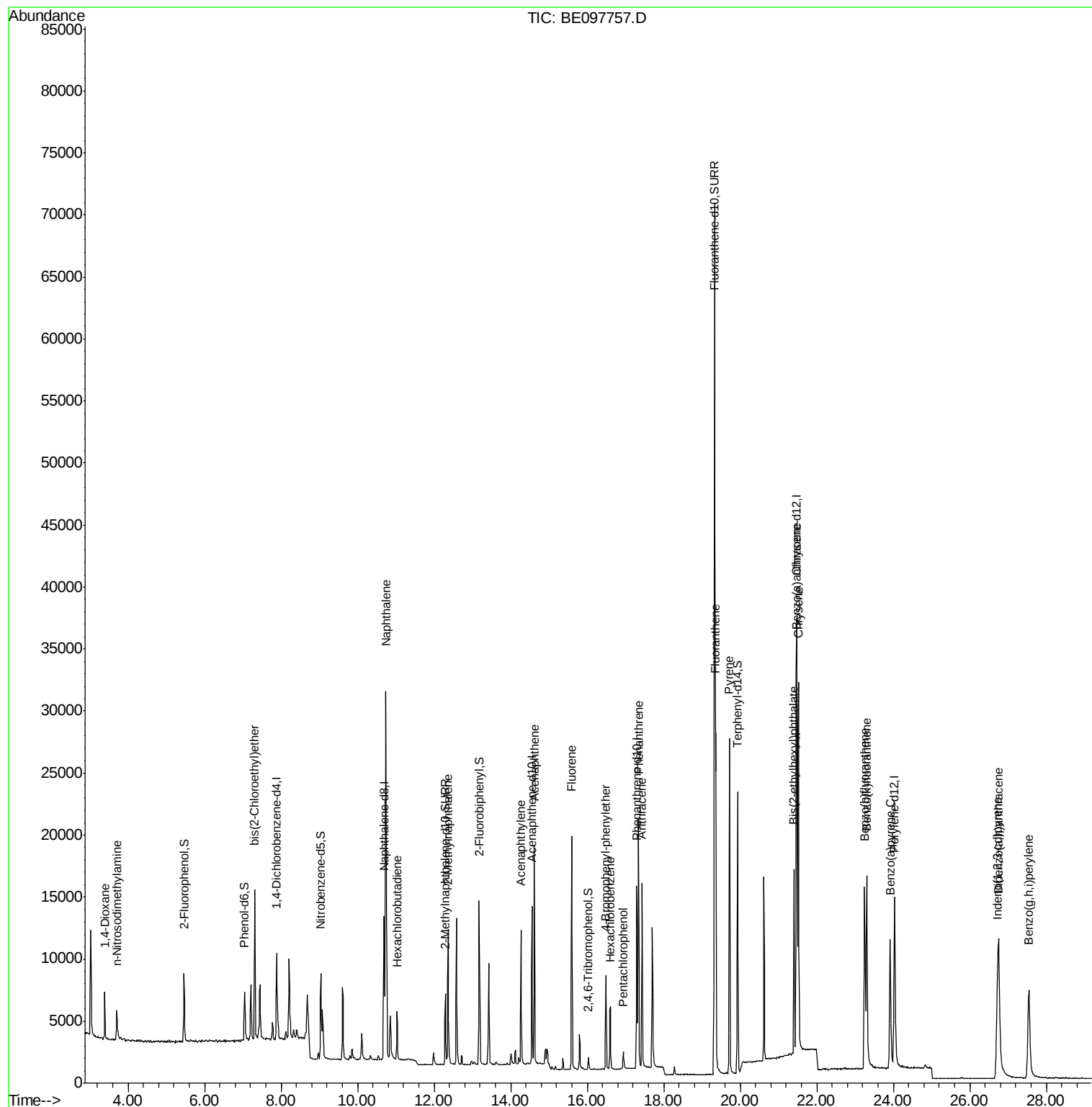
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2457	0.394	ng	97
3) n-Nitrosodimethylamine	3.71	42	1938	0.341	ng	# 88
6) bis(2-Chloroethyl)ether	7.31	93	4492	0.382	ng	99
9) Naphthalene	10.74	128	51967	0.385	ng	100
10) Hexachlorobutadiene	11.03	225	2767	0.386	ng	98
12) 2-Methylnaphthalene	12.37	142	8173	0.378	ng	99
16) Acenaphthylene	14.27	152	12022	0.353	ng	98
17) Acenaphthene	14.62	154	8255	0.378	ng	99
18) Fluorene	15.59	166	10942	0.378	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4178	0.380	ng	# 84
21) Hexachlorobenzene	16.60	284	4506	0.364	ng	98
22) Pentachlorophenol	16.94	266	844	0.435	ng	# 87
23) Phenanthrene	17.34	178	20812	0.385	ng	100
24) Anthracene	17.43	178	16704	0.358	ng	99
26) Fluoranthene	19.36	202	25463	0.370	ng	99
28) Pyrene	19.72	202	26210	0.397	ng	99
30) Benzo(a)anthracene	21.46	228	24554	0.351	ng	98
31) Chrysene	21.52	228	31619	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.40	149	19663	0.385	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	22458	0.331	ng	98
35) Benzo(b)fluoranthene	23.25	252	22741	0.373	ng	98
36) Benzo(k)fluoranthene	23.30	252	27131	0.401	ng	99
37) Benzo(a)pyrene	23.92	252	19837	0.359	ng	99
38) Dibenzo(a,h)anthracene	26.75	278	18861	0.347	ng	97
39) Benzo(g,h,i)perylene	27.54	276	20864	0.367	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: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

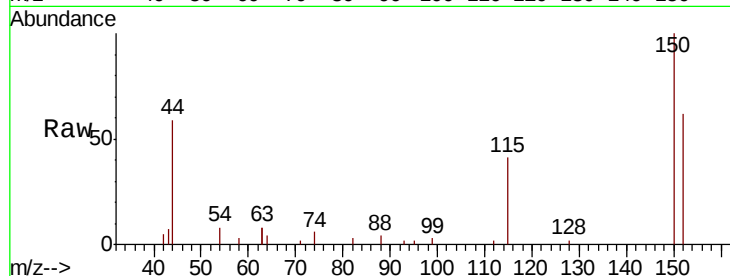
Tot Ion:152 Resp: 3132

Ion Ratio Lower Upper

152 100

150 161.4 120.9 181.3

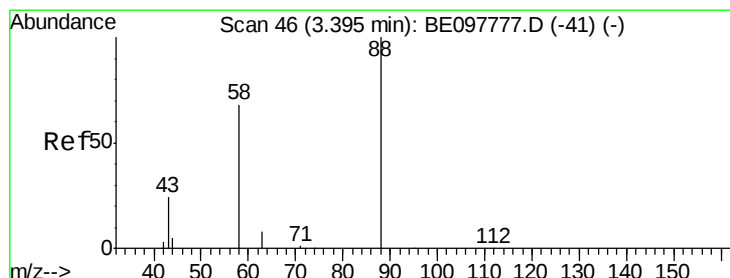
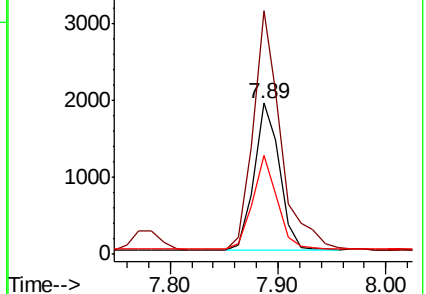
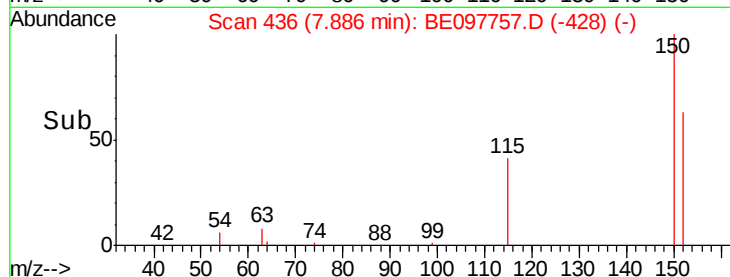
115 66.0 46.6 69.8



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: 0.394 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

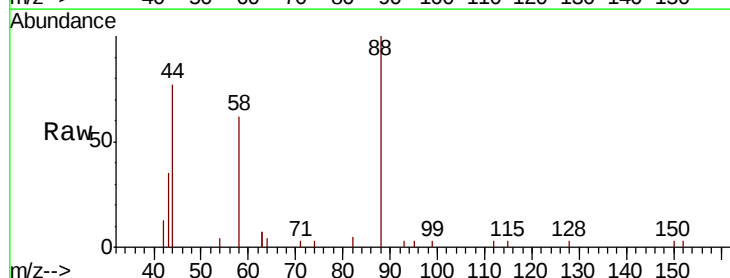
Tgt Ion: 88 Resp: 2457

Ion Ratio Lower Upper

88 100

58 85.1 70.8 106.2

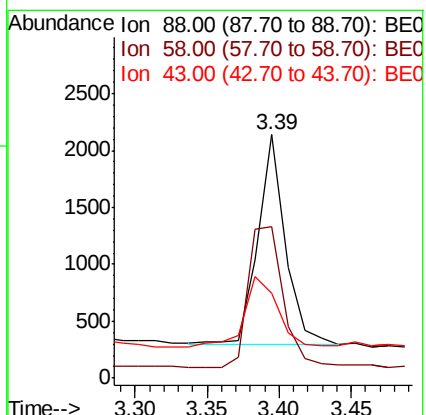
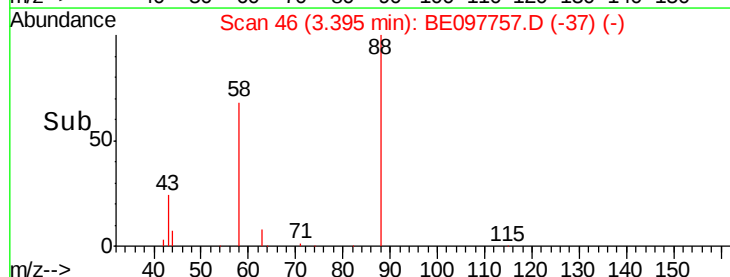
43 40.5 33.3 49.9

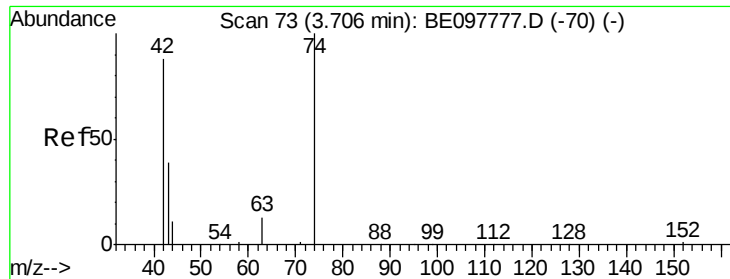


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



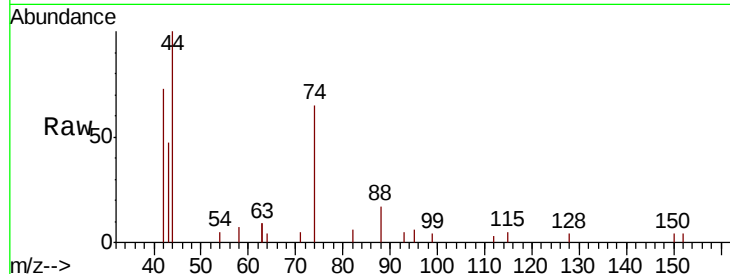


#3

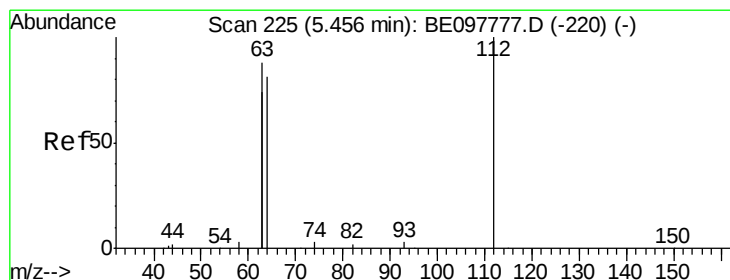
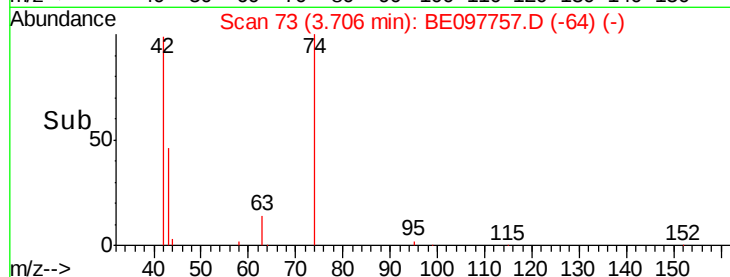
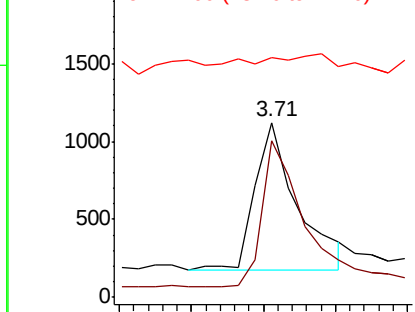
n-Nitrosodimethylamine
 Concen: 0.341 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BE097757.D
 Acq: 5 Oct 2018 16:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 1938
 Ion Ratio Lower Upper
 42 100
 74 93.4 70.7 106.1
 44 0.0 15.0 22.4#



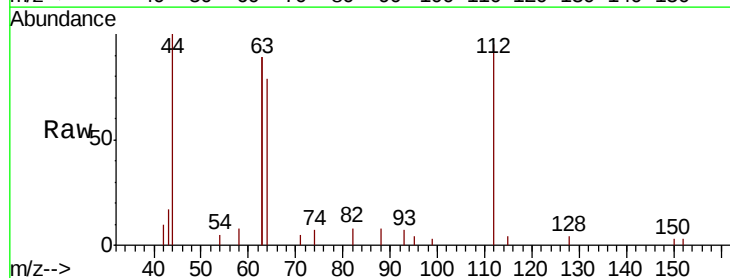
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



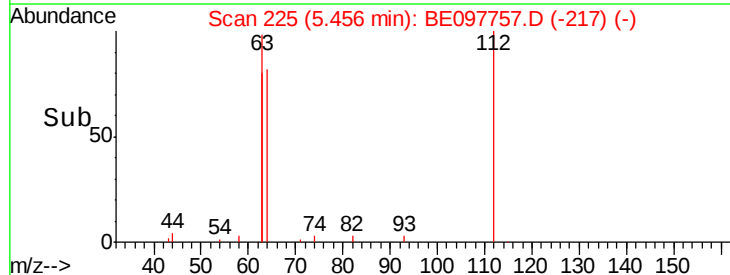
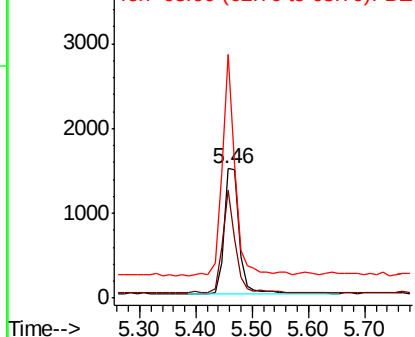
#4

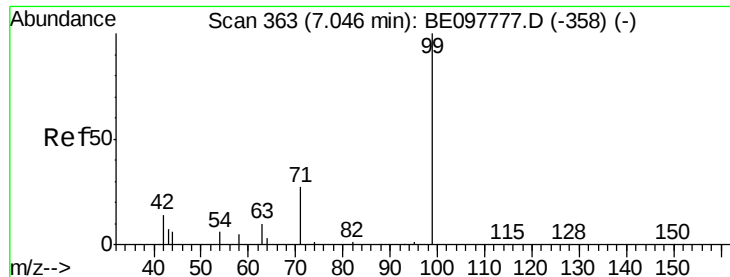
2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097757.D
 Acq: 5 Oct 2018 16:25

Tgt Ion: 112 Resp: 2787
 Ion Ratio Lower Upper
 112 100
 64 69.9 56.6 84.8
 63 147.3 119.4 179.0



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: 0.365 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

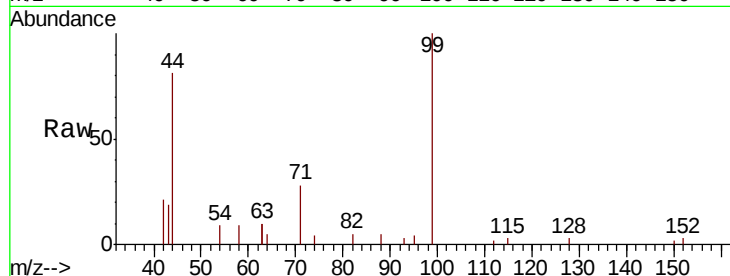
Tot Ion: 99 Resp: 4140

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

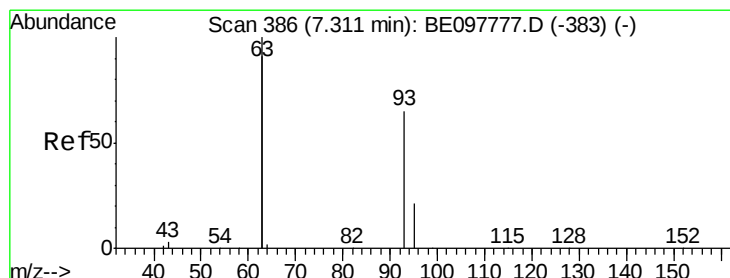
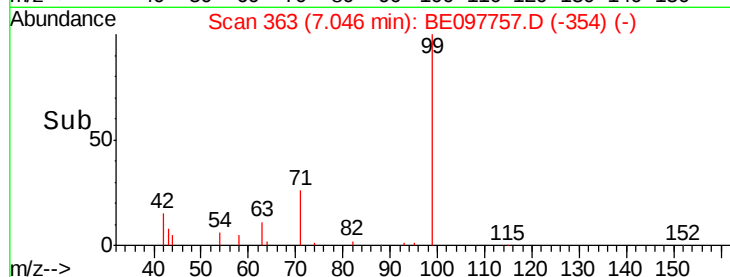
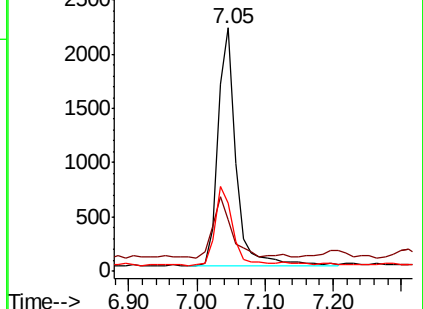
71 33.6 25.4 38.2



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: 0.382 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

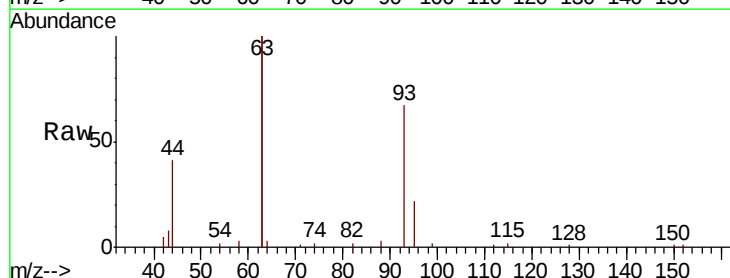
Tgt Ion: 93 Resp: 4492

Ion Ratio Lower Upper

93 100

63 331.3 266.9 400.3

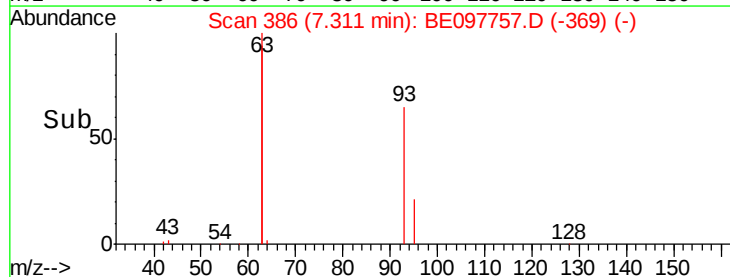
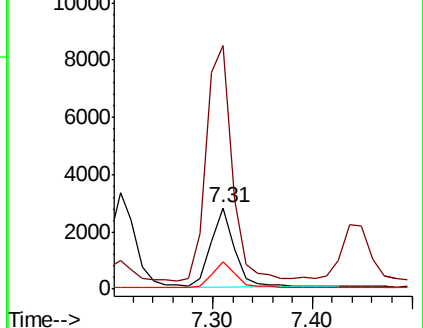
95 31.5 26.2 39.2

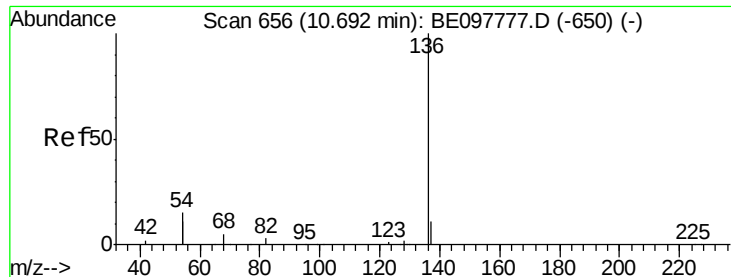


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13393

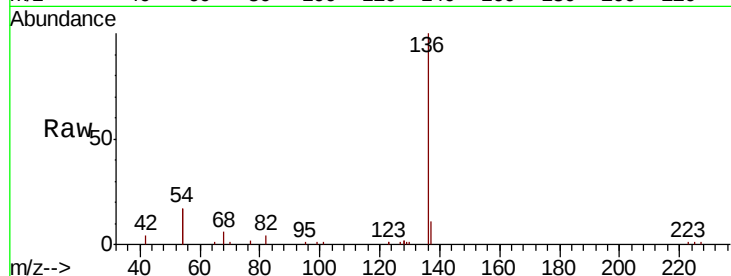
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 33.7 37.8 56.6#

68 6.2 6.4 9.6#

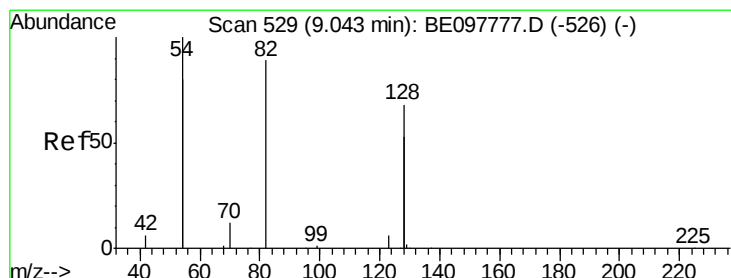
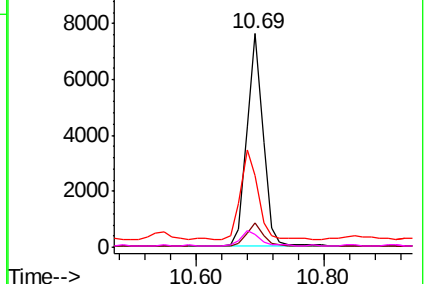
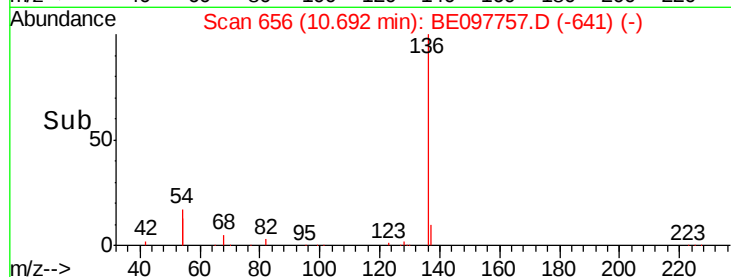


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.604 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

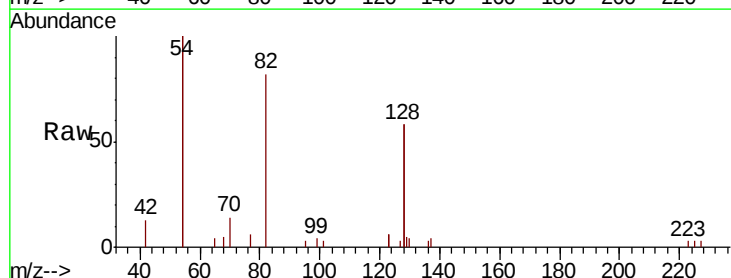
Tgt Ion: 82 Resp: 2625

Ion Ratio Lower Upper

82 100

128 141.9 97.0 145.4

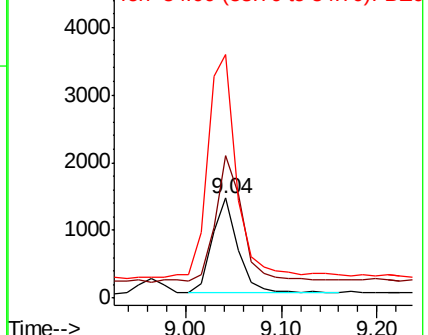
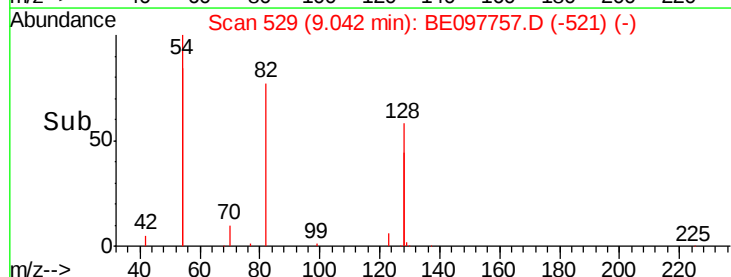
54 243.1 206.9 310.3

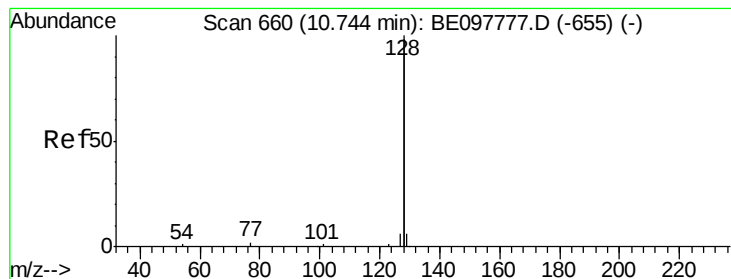


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

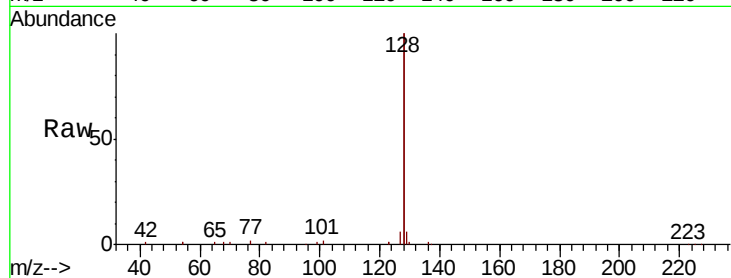
Tot Ion:128 Resp: 51967

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

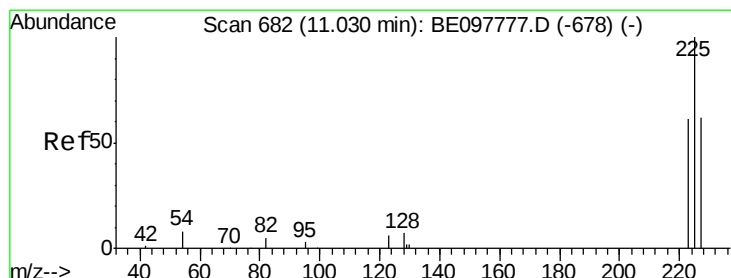
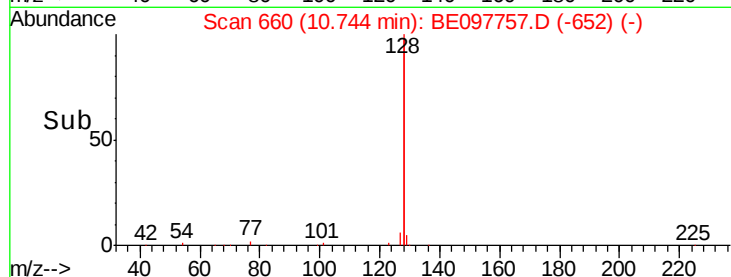
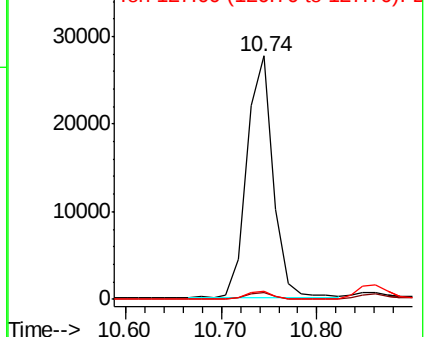
127 3.2 2.7 4.1



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: 0.386 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

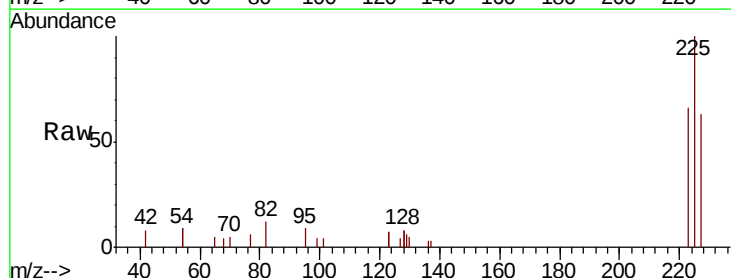
Tgt Ion:225 Resp: 2767

Ion Ratio Lower Upper

225 100

223 63.2 52.2 78.4

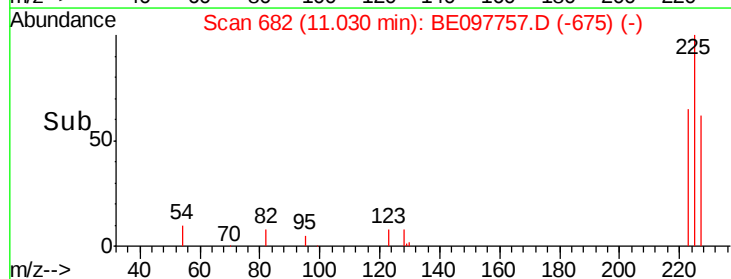
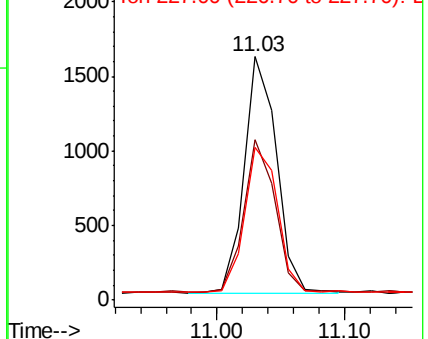
227 63.1 51.2 76.8

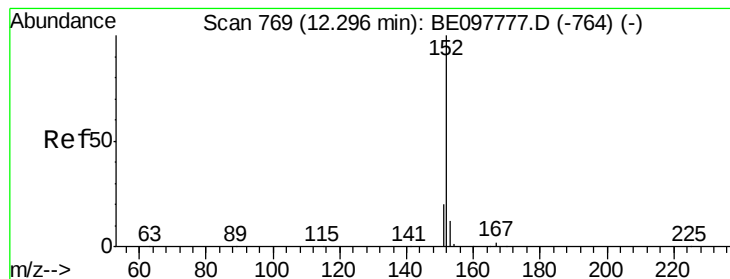


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

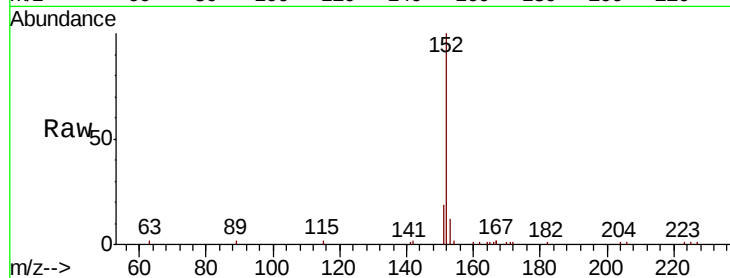
SSTDCCC0.4EC

Tot Ion:152 Resp: 8104

Ion Ratio Lower Upper

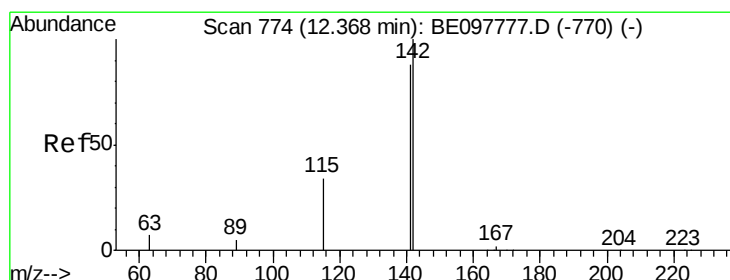
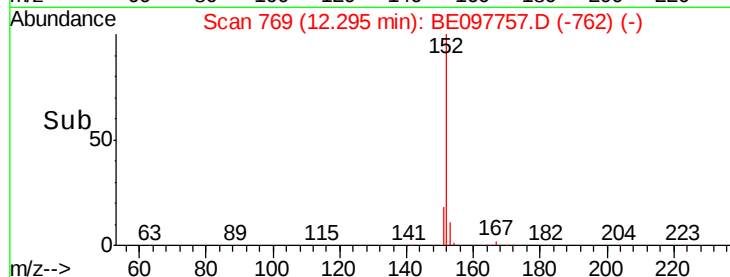
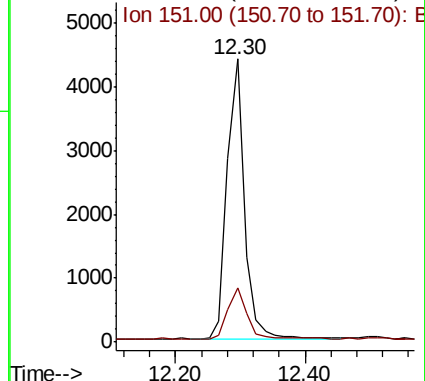
152 100

151 20.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

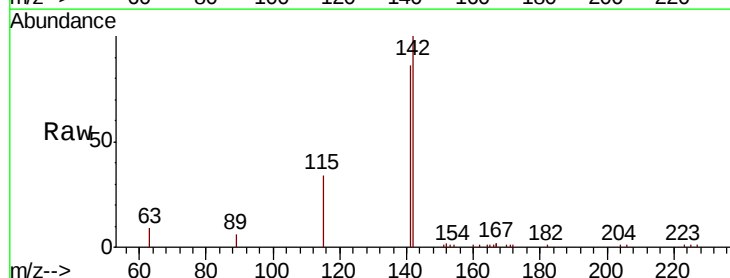
Tgt Ion:142 Resp: 8173

Ion Ratio Lower Upper

142 100

141 85.9 69.4 104.2

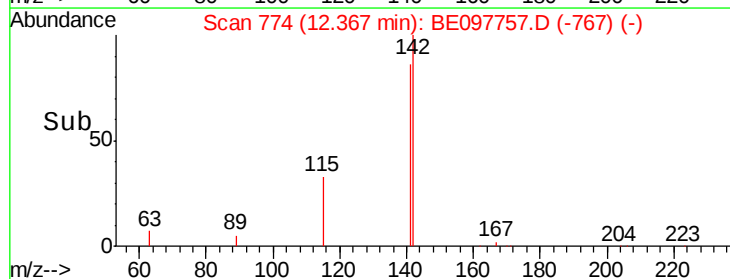
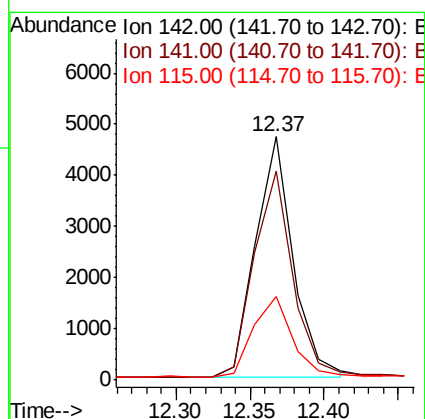
115 34.4 28.0 42.0

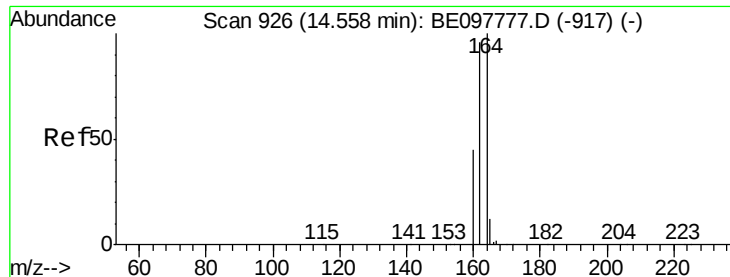


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

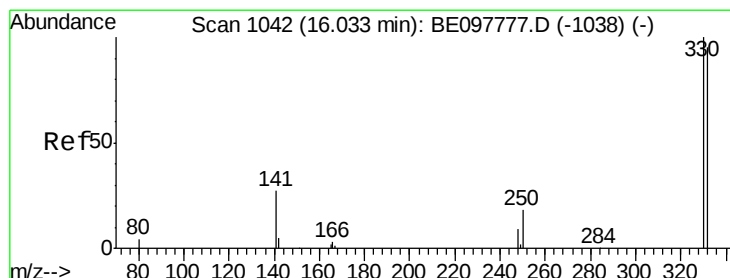
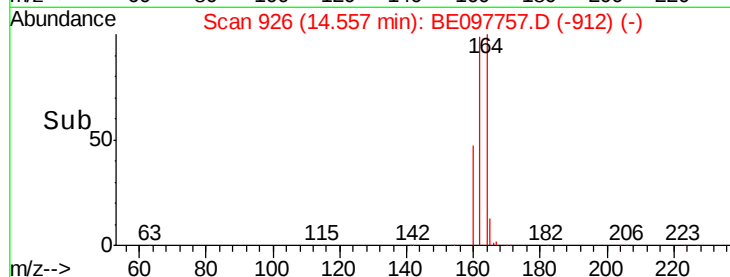
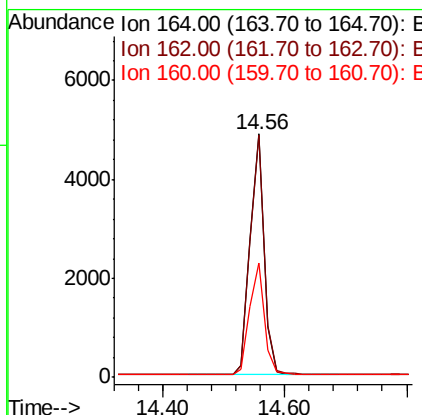
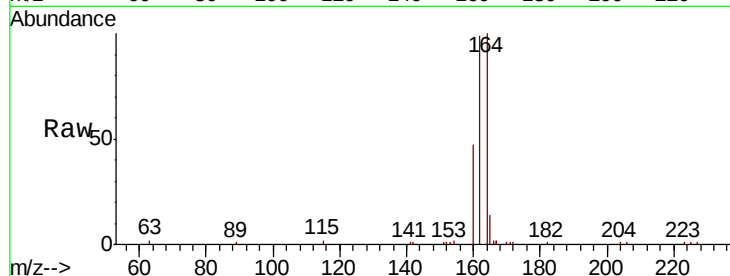




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

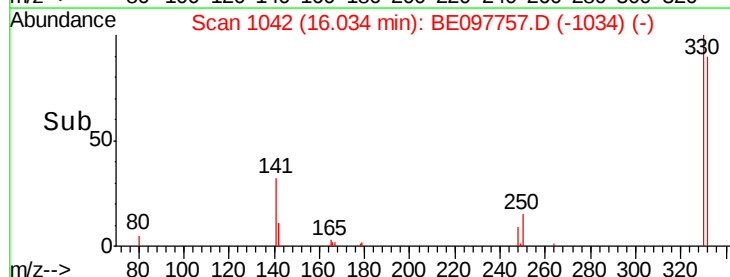
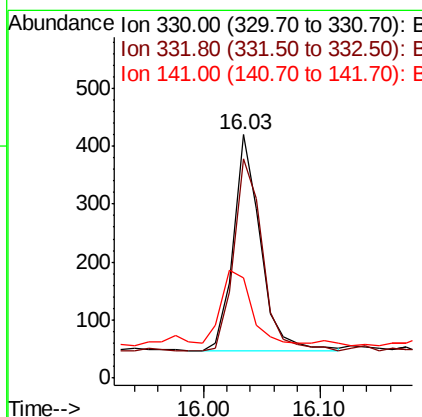
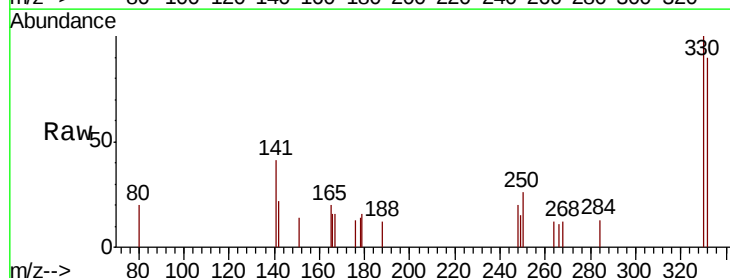
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

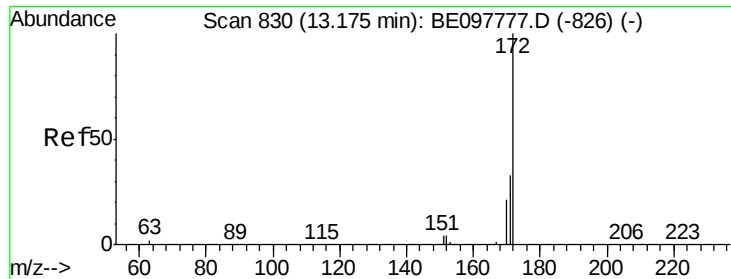
Tot Ion:164 Resp: 7693
Ion Ratio Lower Upper
164 100
162 99.5 78.6 117.8
160 47.2 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 0.432 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:330 Resp: 603
Ion Ratio Lower Upper
330 100
332 95.5 83.5 125.3
141 39.5 34.9 52.3

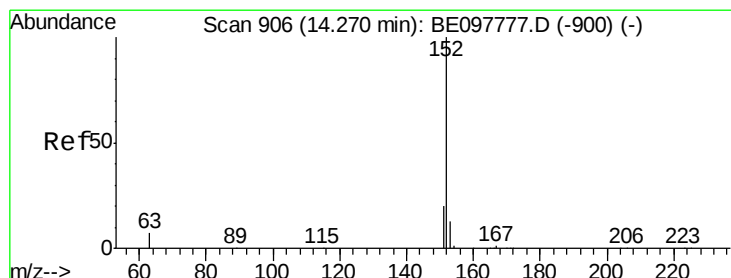
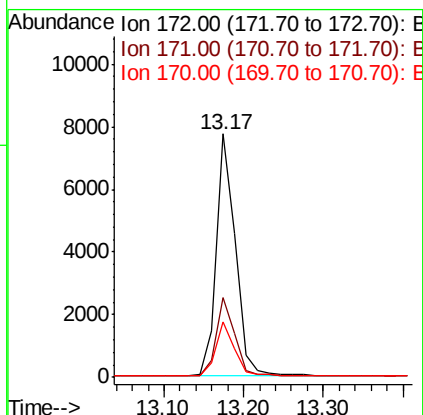
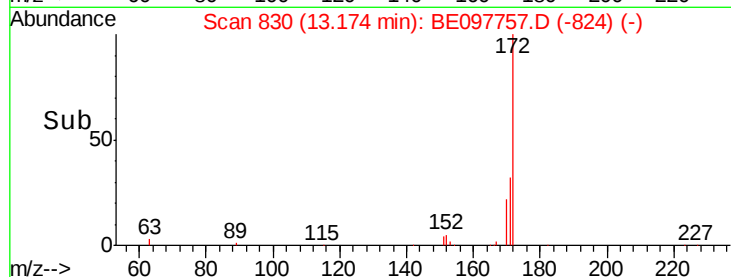
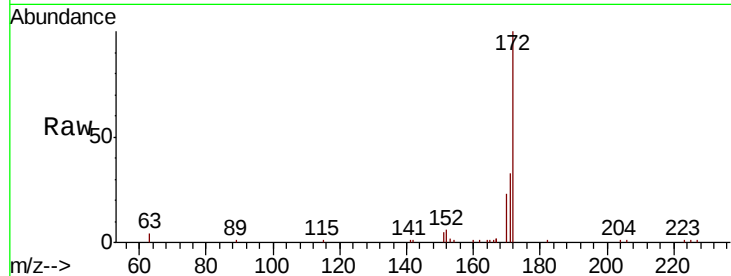




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

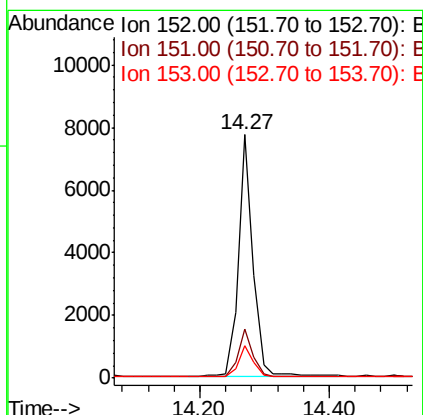
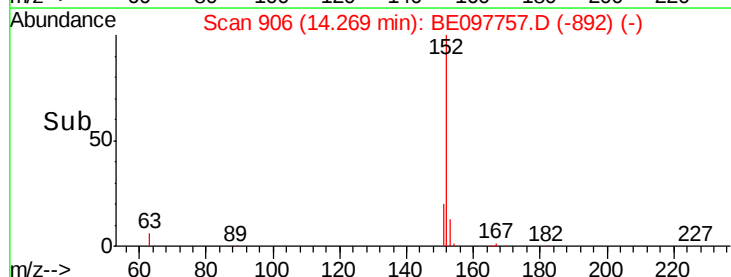
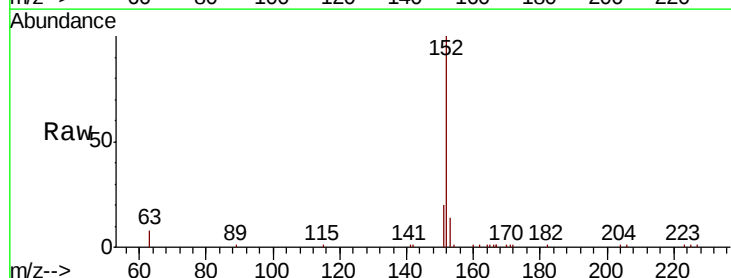
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

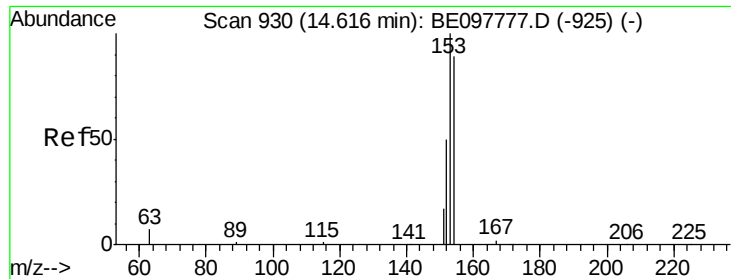
Tot Ion:172 Resp: 12800
Ion Ratio Lower Upper
172 100
171 32.8 25.2 37.8
170 22.7 16.2 24.2



#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:152 Resp: 12022
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9
153 13.0 10.8 16.2

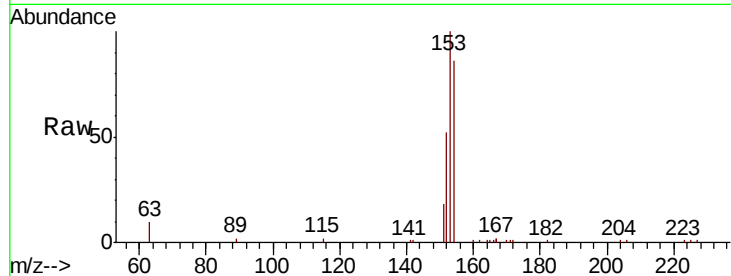




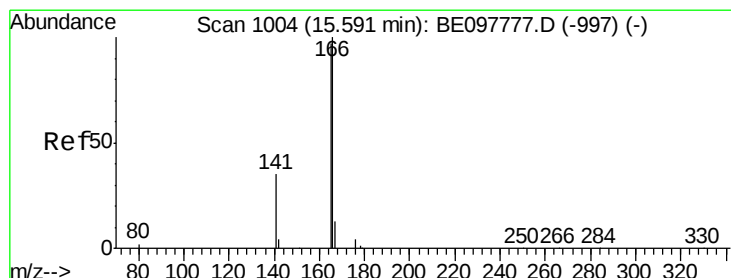
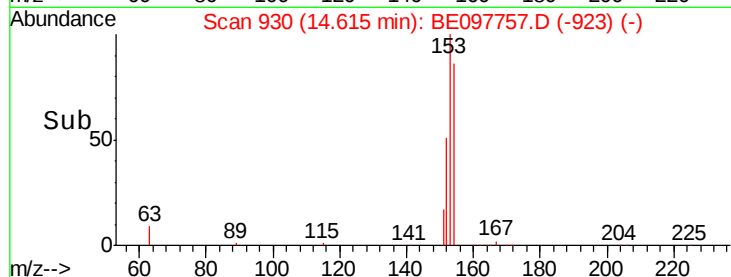
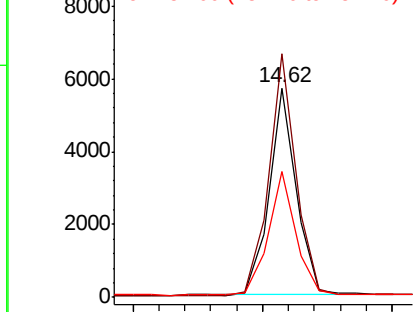
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 8255
Ion Ratio Lower Upper
154 100
153 117.2 93.3 139.9
152 60.5 48.9 73.3

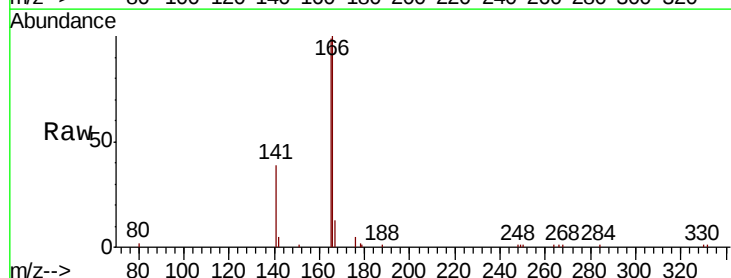


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

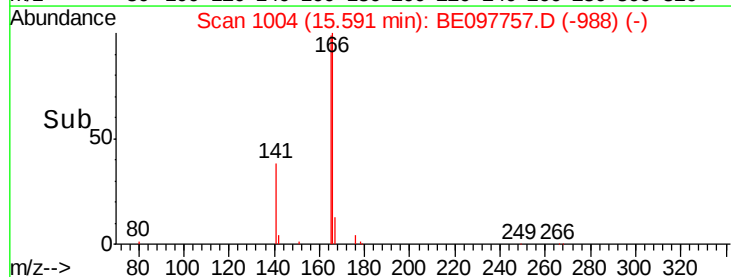
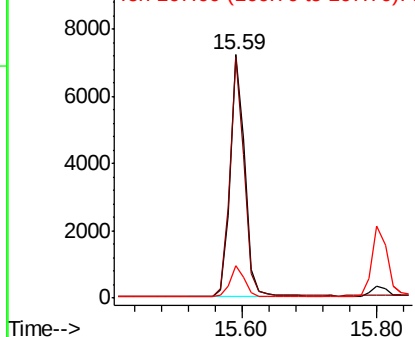


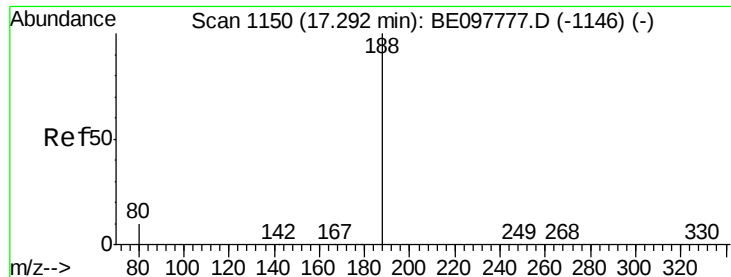
#18
Fluorene
Concen: 0.378 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:166 Resp: 10942
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 12.8 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: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

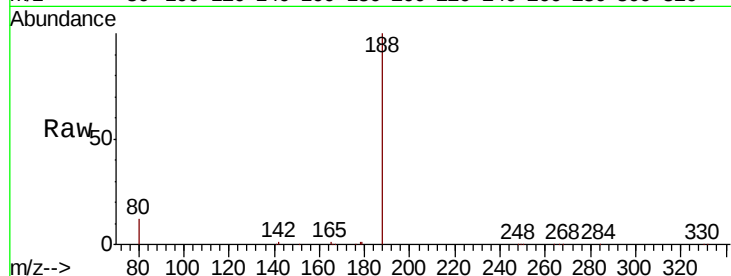
Tot Ion:188 Resp: 20954

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

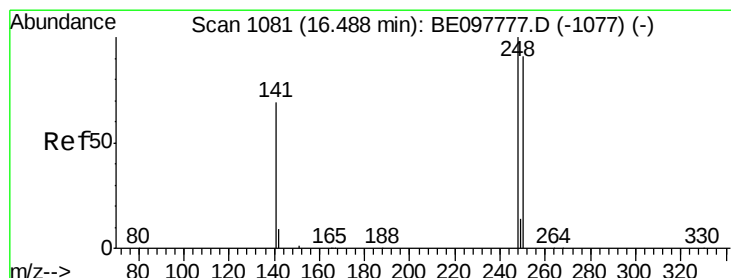
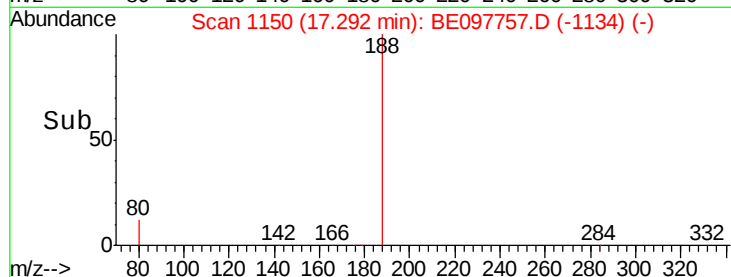
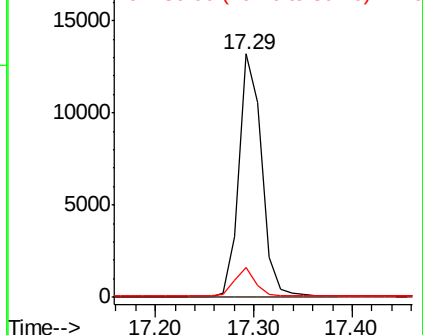
80 12.4 6.6 9.8#



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: 0.380 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

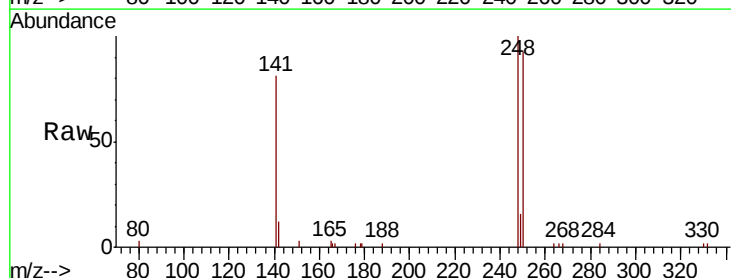
Tgt Ion:248 Resp: 4178

Ion Ratio Lower Upper

248 100

250 92.5 76.1 114.1

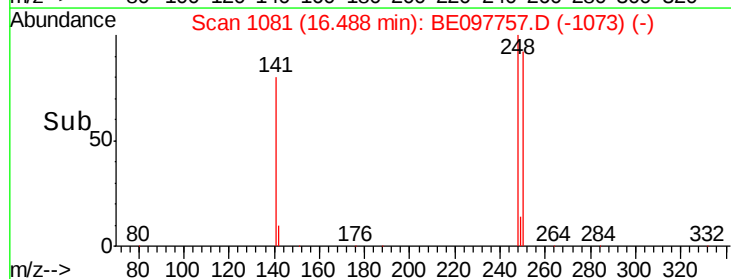
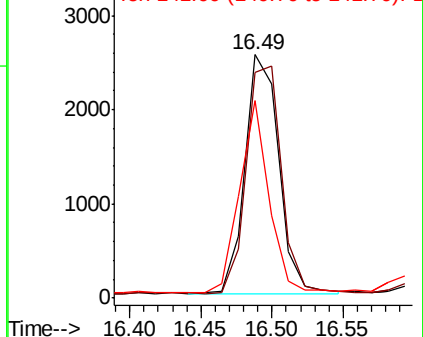
141 81.1 42.2 63.4#

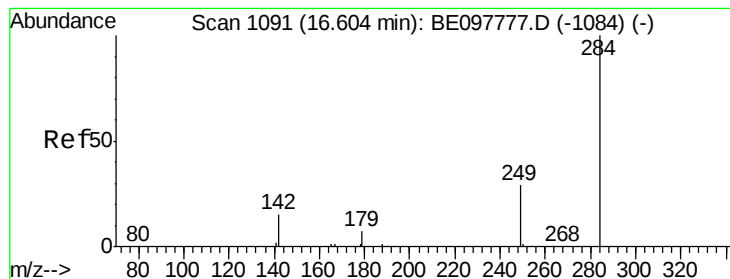


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

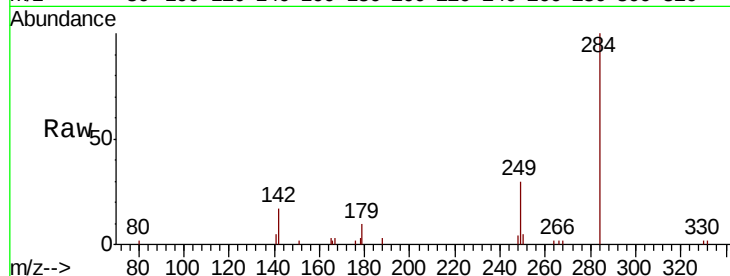
Tot Ion:284 Resp: 4506

Ion Ratio Lower Upper

284 100

142 32.6 24.9 37.3

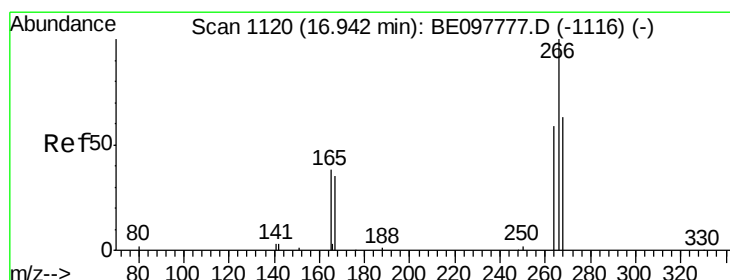
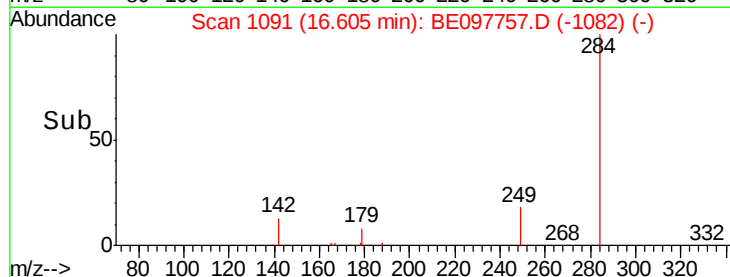
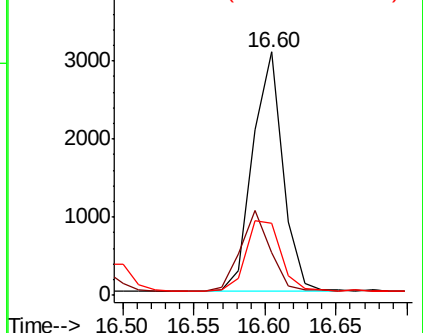
249 33.6 25.8 38.8



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: 0.435 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

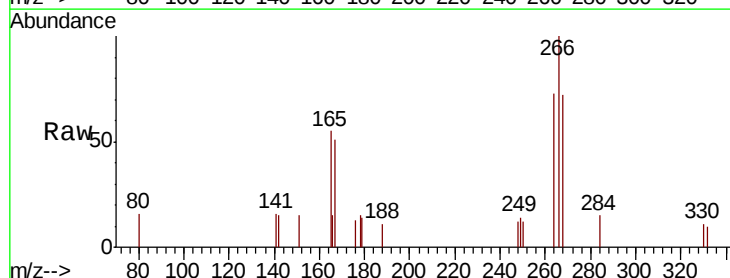
Tgt Ion:266 Resp: 844

Ion Ratio Lower Upper

266 100

264 73.4 46.8 70.2#

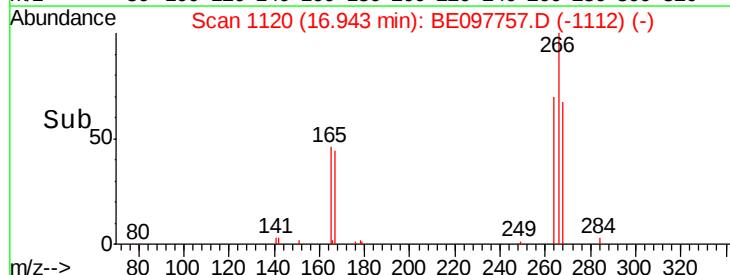
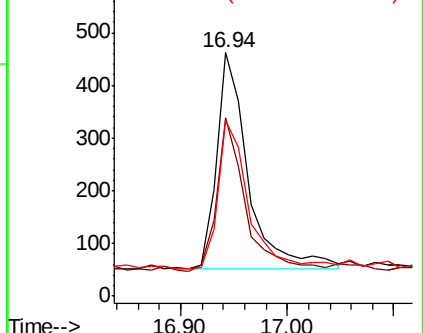
268 72.3 53.0 79.6

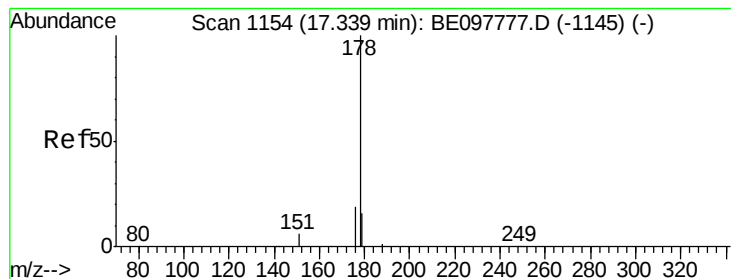


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

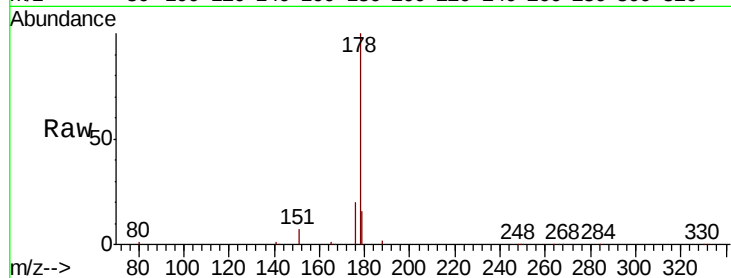
Tot Ion:178 Resp: 20812

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

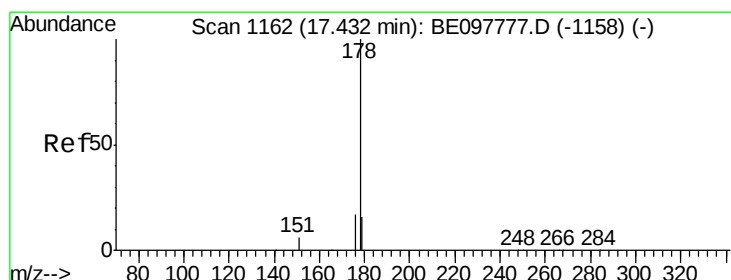
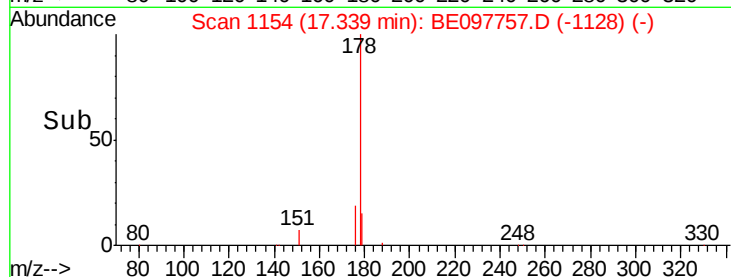
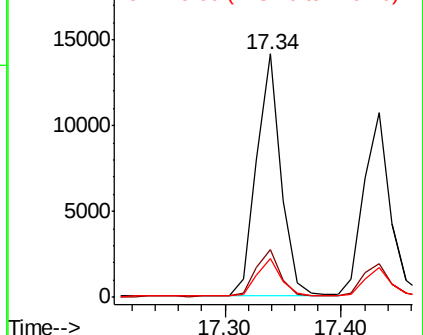
179 15.4 12.2 18.4



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: 0.358 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

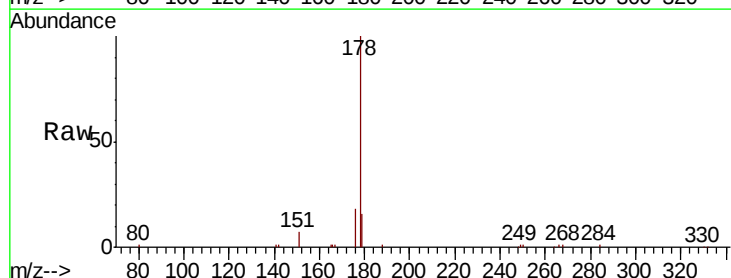
Tgt Ion:178 Resp: 16704

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

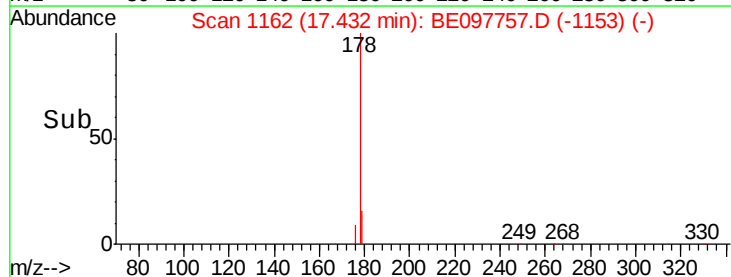
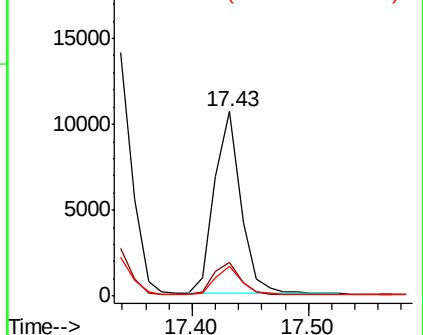
179 15.5 12.2 18.2

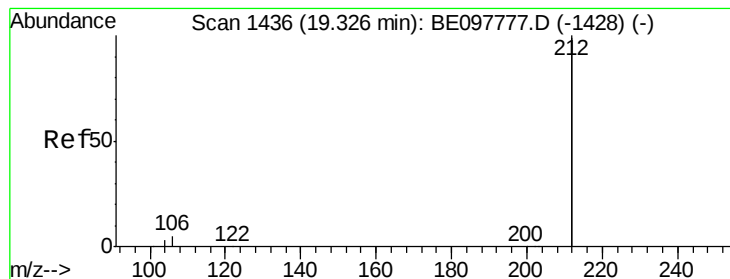


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

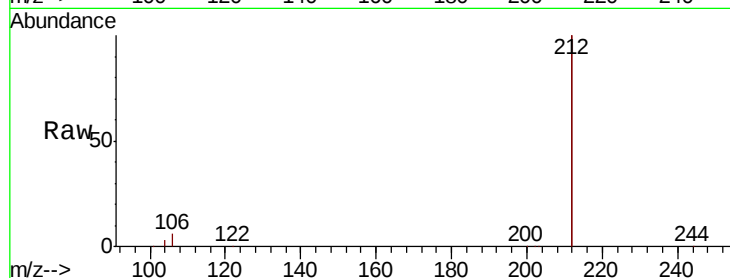
Tot Ion:212 Resp: 98986

Ion Ratio Lower Upper

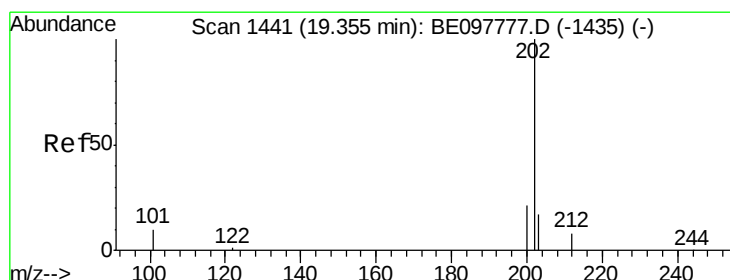
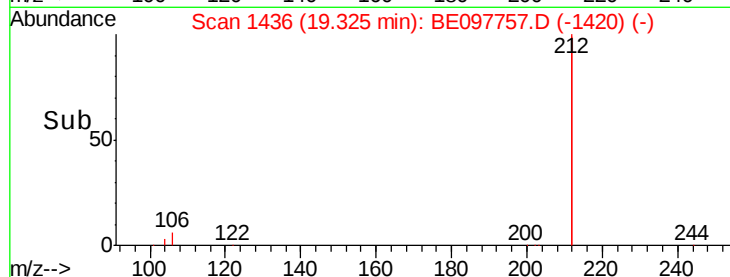
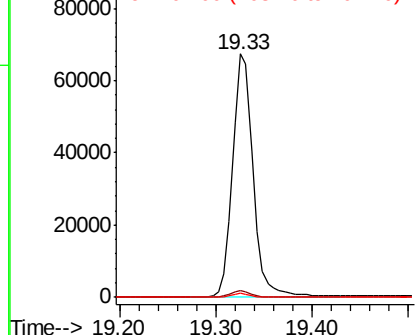
212 100

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: 0.370 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

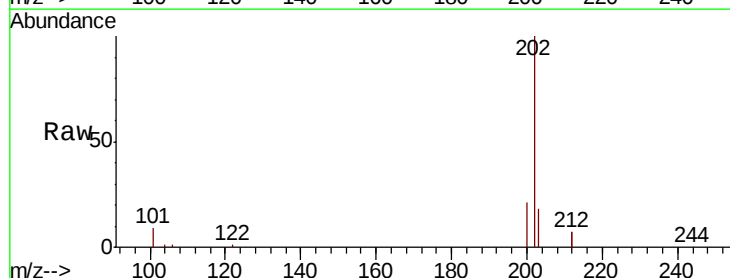
Tgt Ion:202 Resp: 25463

Ion Ratio Lower Upper

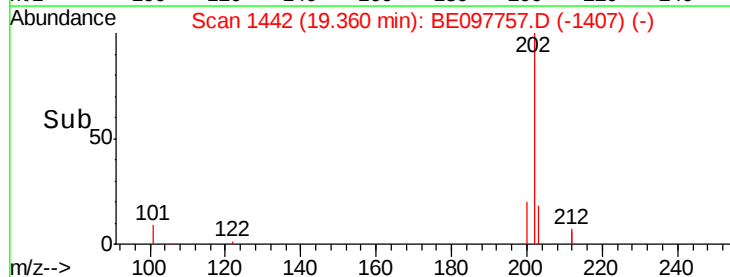
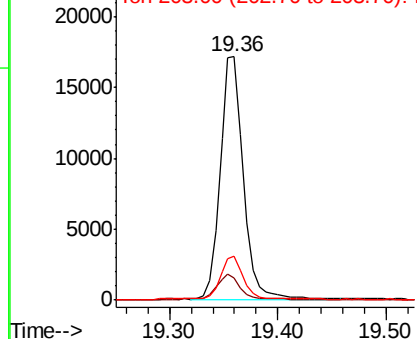
202 100

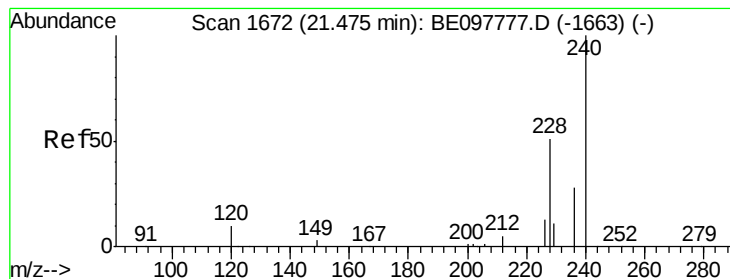
101 10.2 7.8 11.8

203 17.1 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: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

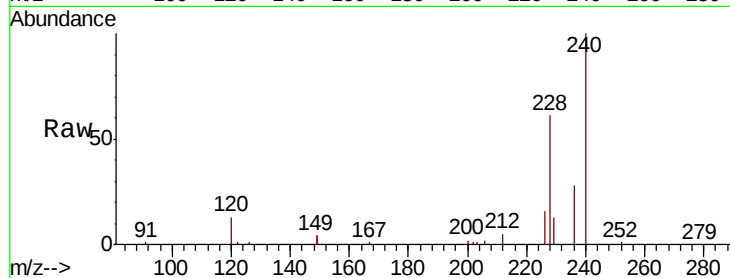
Tot Ion:240 Resp: 25988

Ion Ratio Lower Upper

240 100

120 12.5 4.7 7.1#

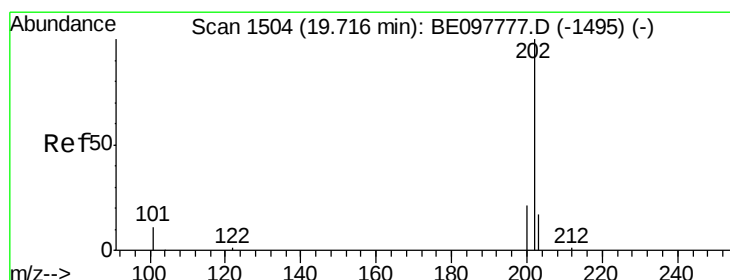
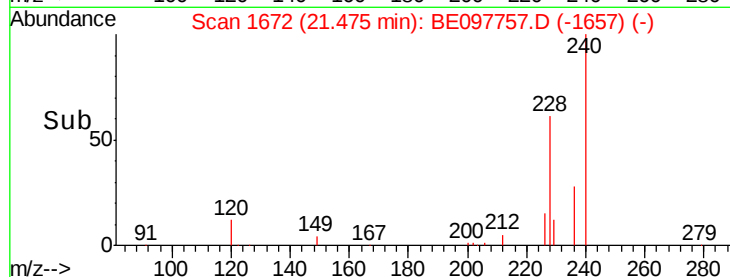
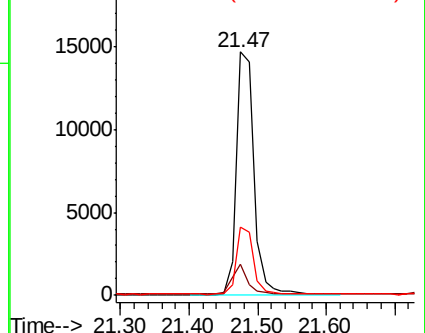
236 28.2 20.8 31.2



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: 0.397 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

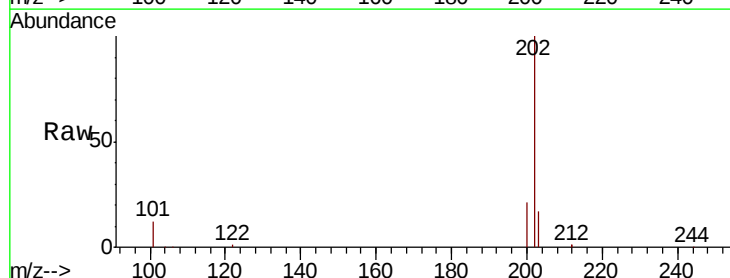
Tgt Ion:202 Resp: 26210

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

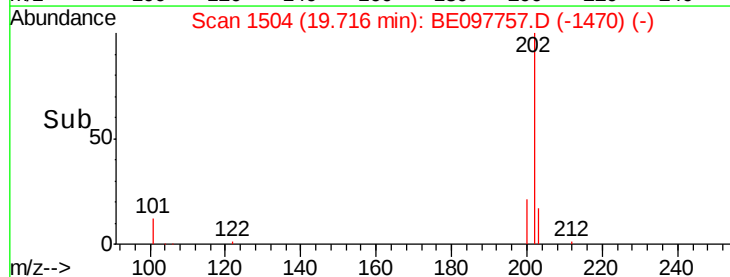
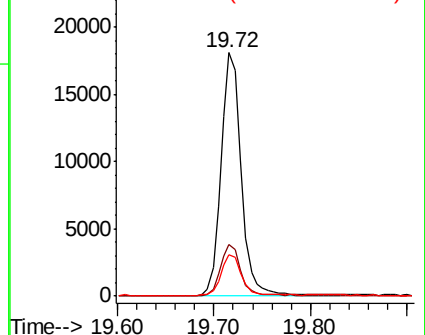
203 16.9 13.9 20.9

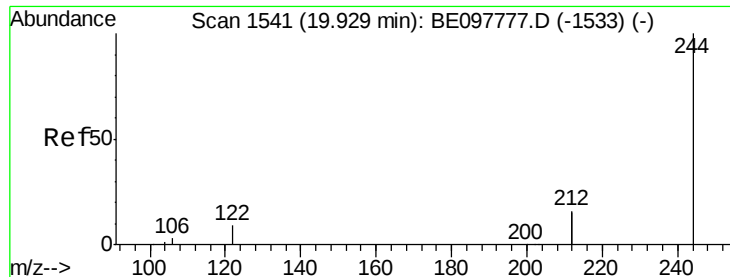


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

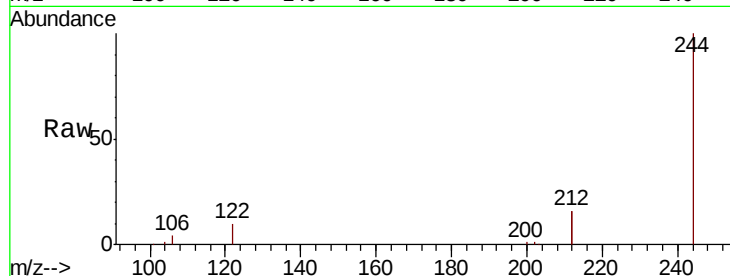
Tot Ion:244 Resp: 20896

Ion Ratio Lower Upper

244 100

212 32.2 25.8 38.8

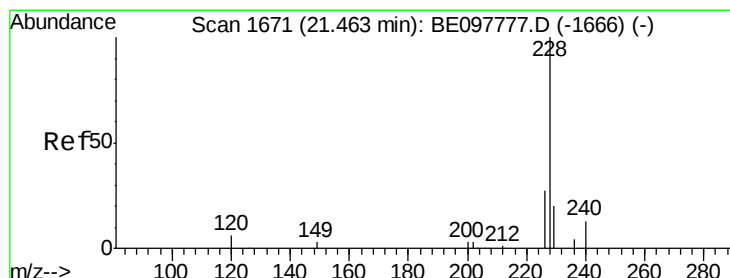
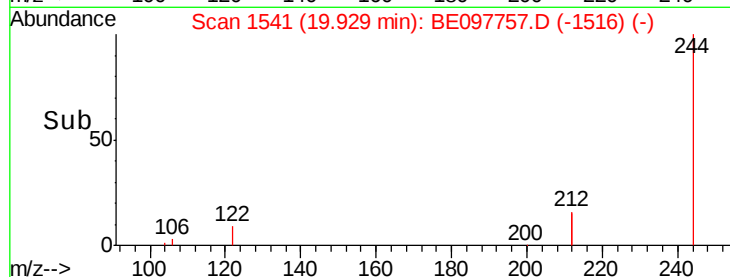
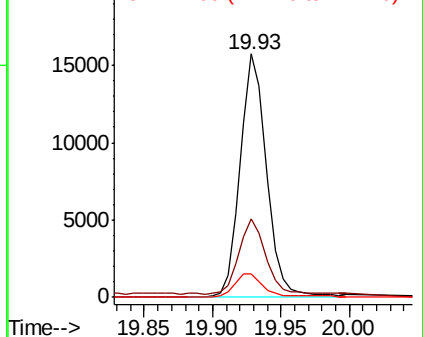
122 9.6 8.7 13.1



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: 0.351 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

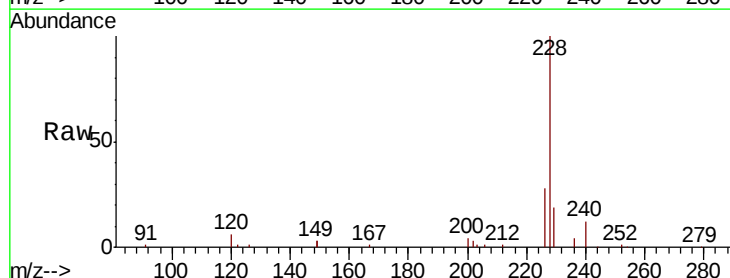
Tgt Ion:228 Resp: 24554

Ion Ratio Lower Upper

228 100

226 27.6 20.7 31.1

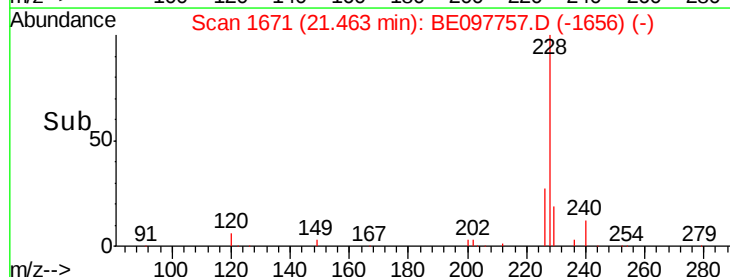
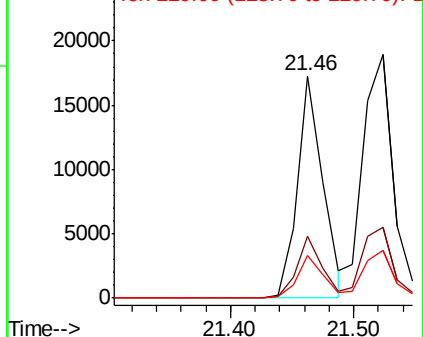
229 19.3 15.7 23.5

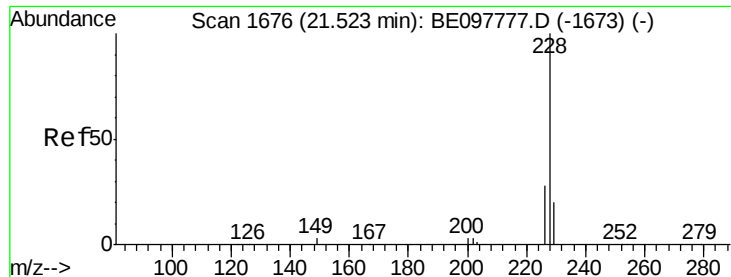


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

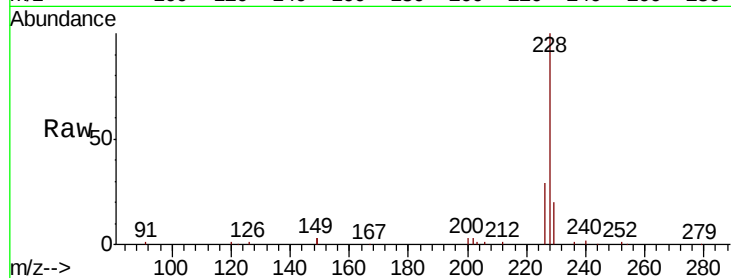
Tot Ion:228 Resp: 31619

Ion Ratio Lower Upper

228 100

226 29.1 24.3 36.5

229 19.8 16.0 24.0

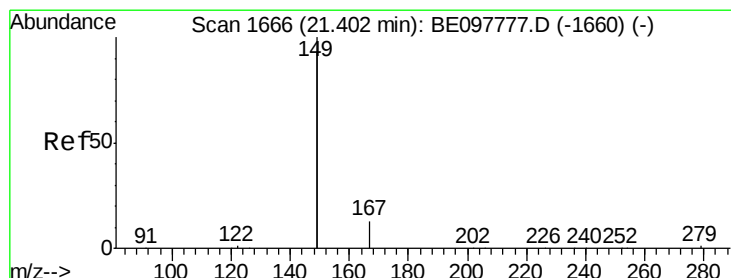
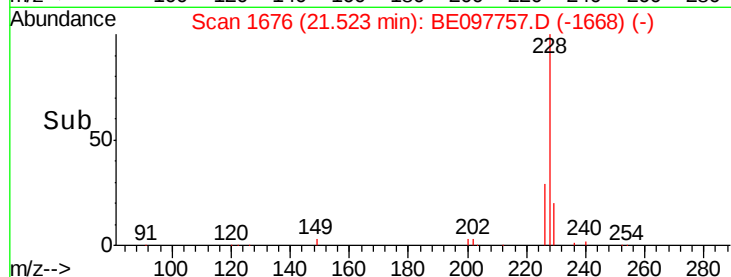
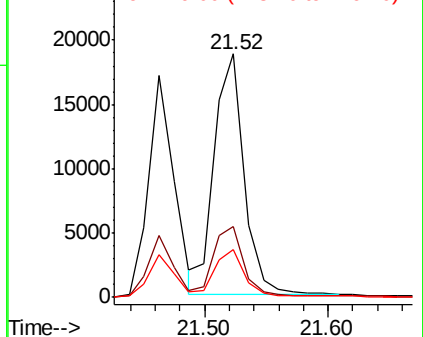


Abundance

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: 0.385 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

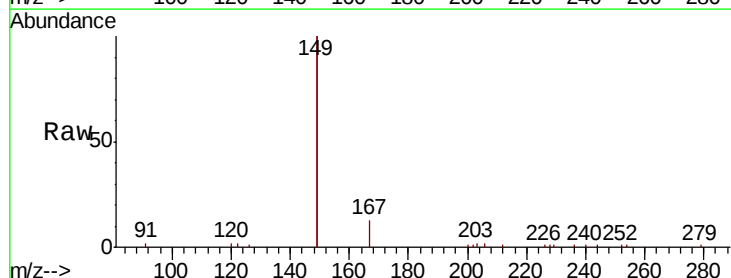
Tgt Ion:149 Resp: 19663

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

279 1.0 0.9 1.3

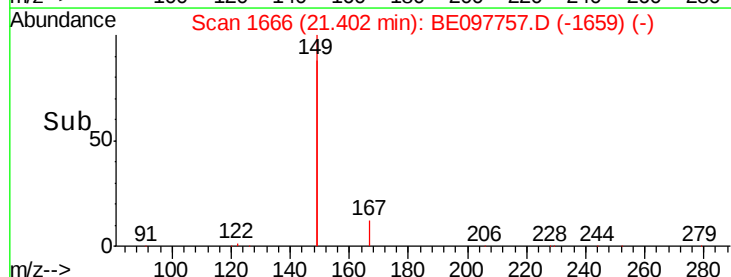
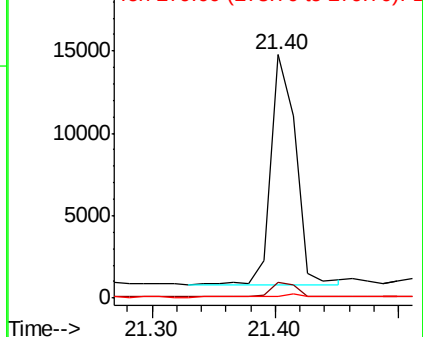


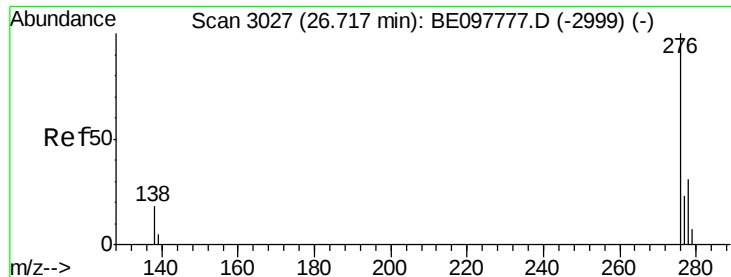
Abundance

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

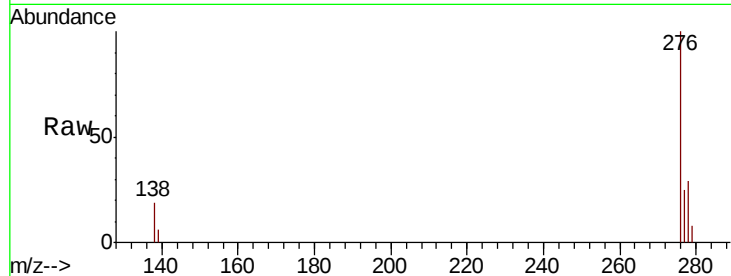




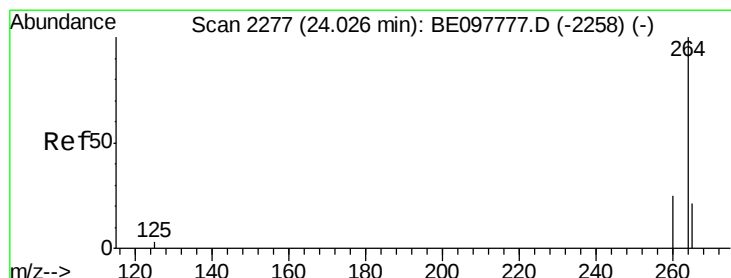
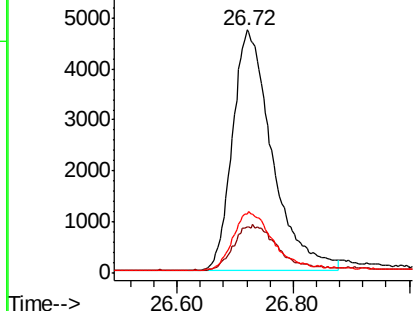
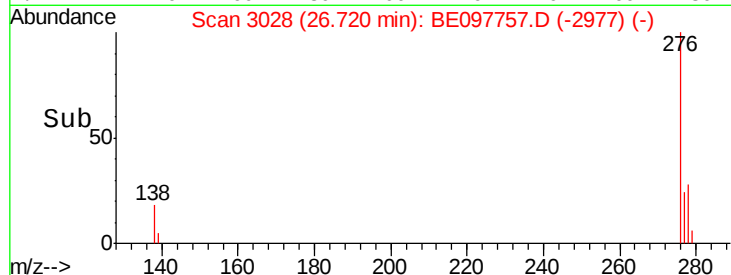
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.331 ng
 RT: 26.72 min Scan# 3028
 Delta R.T. -0.02 min
 Lab File: BE097757.D
 Acq: 5 Oct 2018 16:25

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 22458
 Ion Ratio Lower Upper
 276 100
 138 20.5 15.0 22.6
 277 24.3 19.2 28.8

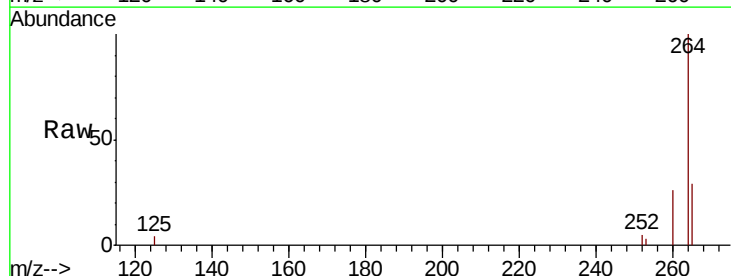


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

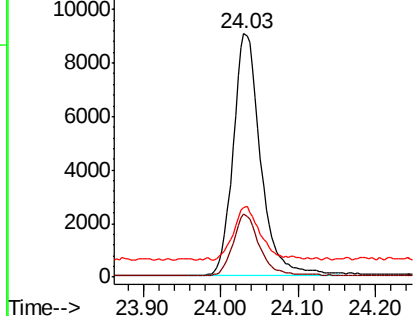
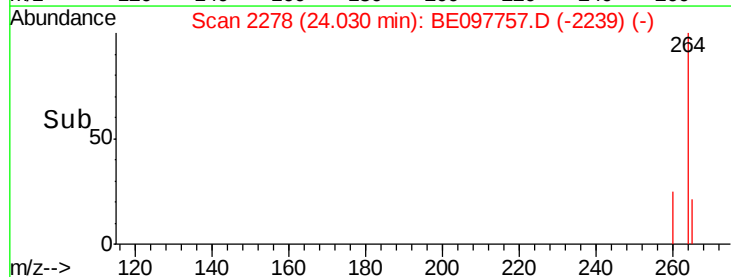


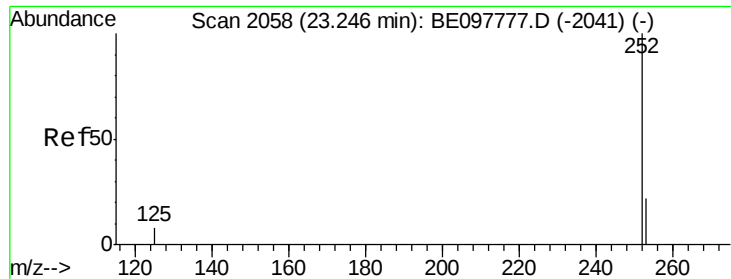
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097757.D
 Acq: 5 Oct 2018 16:25

Tgt Ion:264 Resp: 22216
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.1 28.7
 265 28.6 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

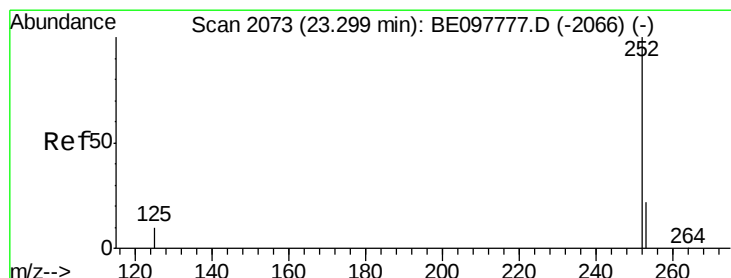
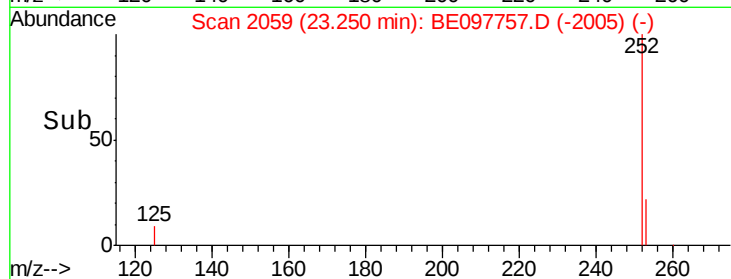
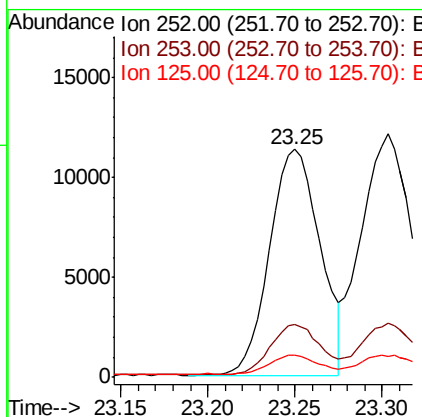
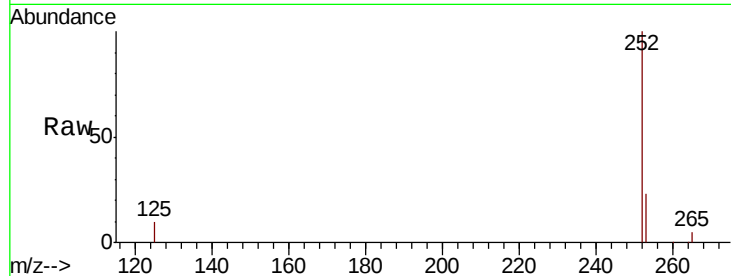




#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.25 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

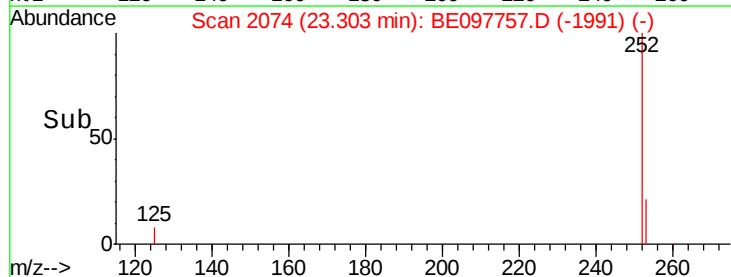
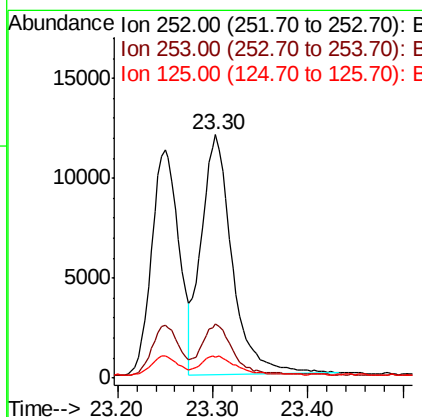
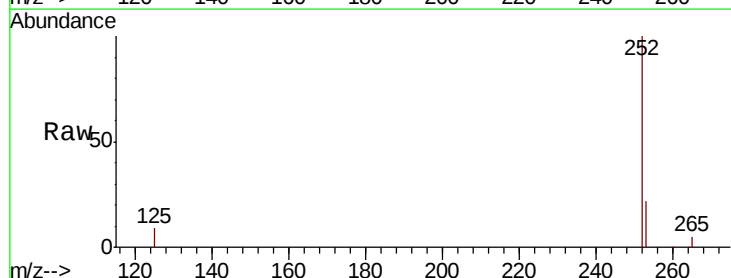
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

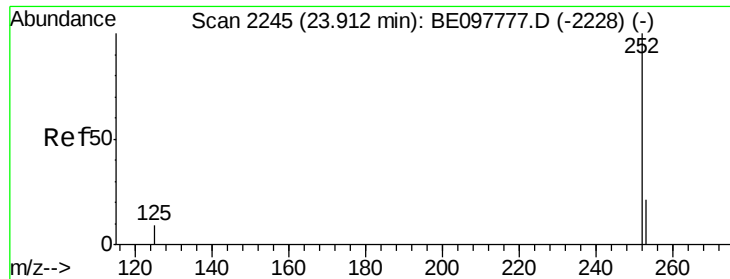
Tot Ion:252 Resp: 22741
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.8 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:252 Resp: 27131
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.8 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.92 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

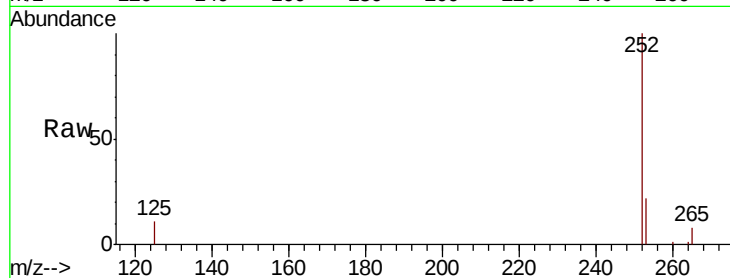
Tot Ion:252 Resp: 19837

Ion Ratio Lower Upper

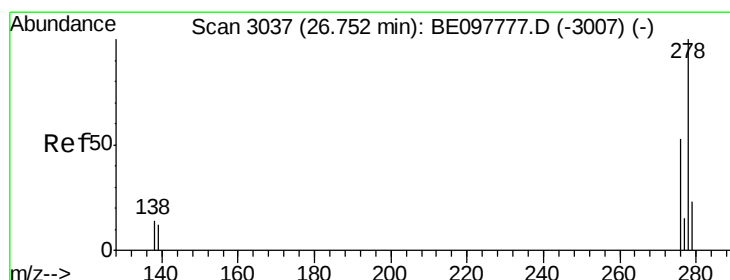
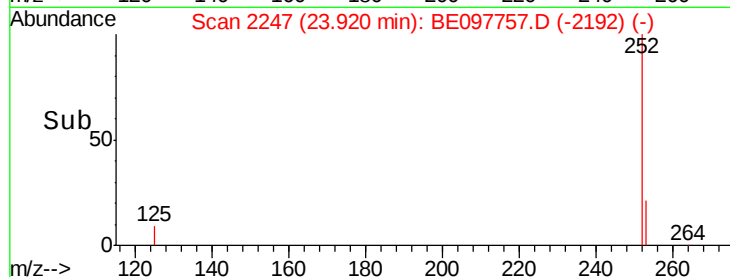
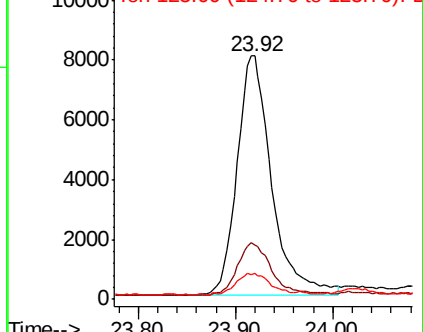
252 100

253 22.5 17.7 26.5

125 10.7 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: 0.347 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

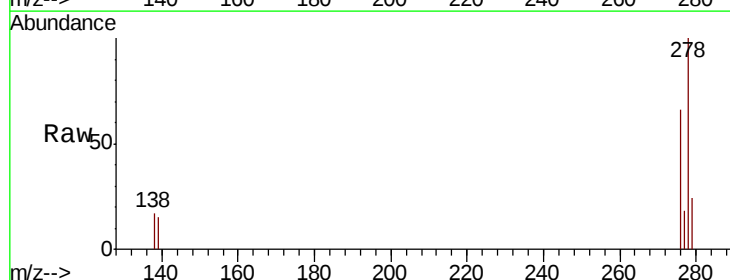
Tgt Ion:278 Resp: 18861

Ion Ratio Lower Upper

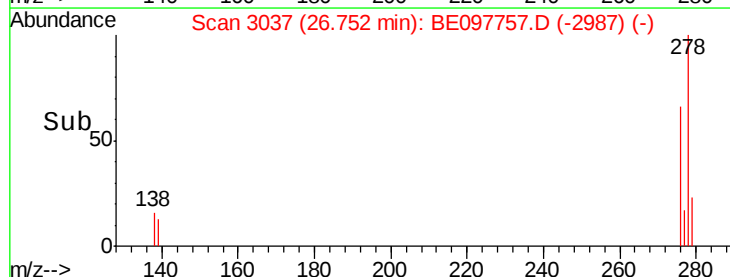
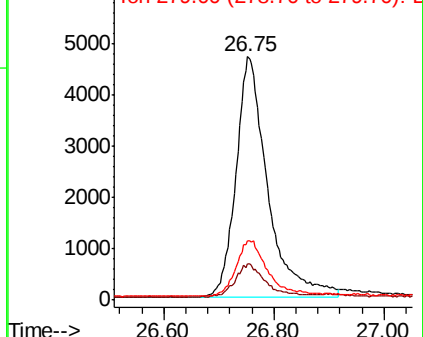
278 100

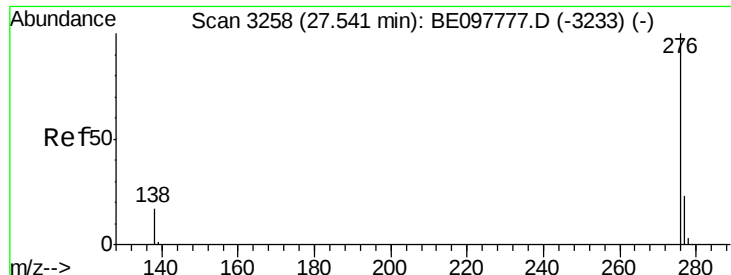
139 14.7 10.3 15.5

279 24.2 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(a,h,i)perylene

Concen: 0.367 ng

RT: 27.54 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BE097757.D

Acq: 5 Oct 2018 16:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

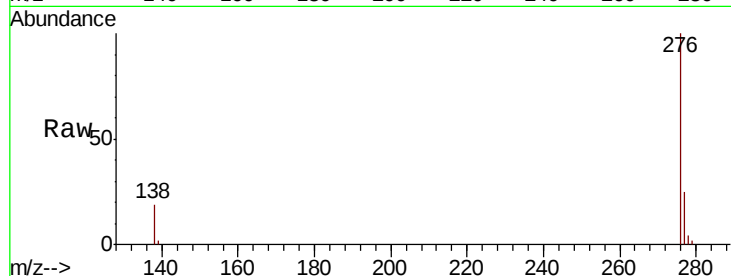
Tot Ion: 276 Resp: 20864

Ion Ratio Lower Upper

276 100

277 25.0 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

