

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097695.D
 Acq On : 27 Sep 2018 14:56
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Sep 27 15:36:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 27 14:15:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.11	136	4515	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2652	0.40	ng	0.00
19) Phenanthrene-d10	16.74	188	6560	0.40	ng	-0.01
27) Chrysene-d12	20.96	240	8686	0.40	ng	-0.01
34) Perylene-d12	23.20	264	7176	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	7921	3.16	ng	-0.02
5) Phenol-d6	6.57	99	11715	3.31	ng	-0.04
8) Nitrobenzene-d5	8.50	82	12158	4.64	ng	-0.04
11) 2-Methylnaphthalene-d10	11.69	152	22997	3.44	ng	-0.03
14) 2,4,6-Tribromophenol	15.49	330	4102	3.99	ng	-0.02
15) 2-Fluorobiphenyl	12.60	172	33024	3.82	ng	-0.02
25) Fluoranthene-d10	18.79	212	272002	3.80	ng	-0.01
29) Terphenyl-d14	19.41	244	57877	3.38	ng	-0.01

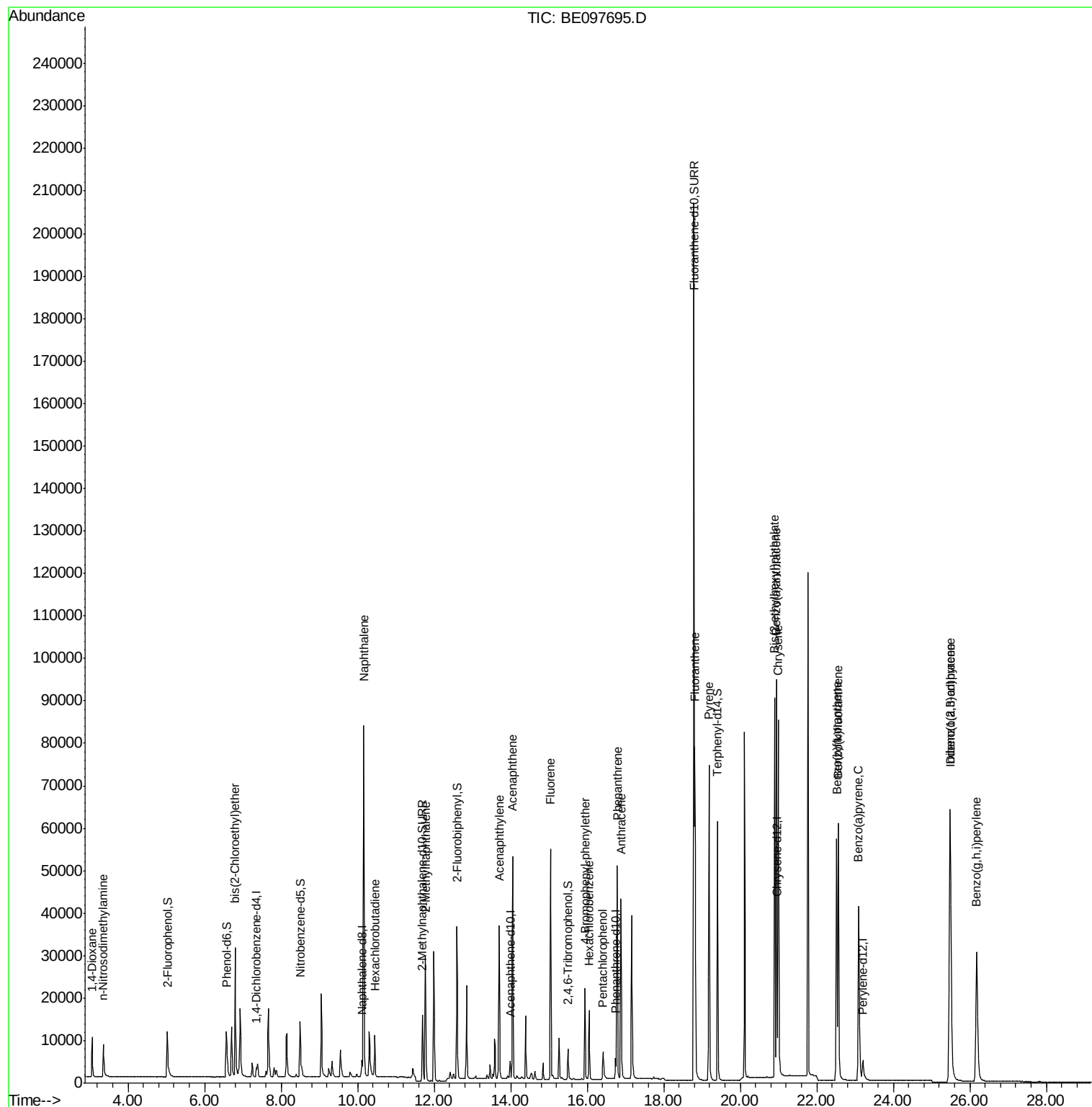
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	5711	3.350	ng	# 87
3) n-Nitrosodimethylamine	3.35	42	4703	4.694	ng	# 89
6) bis(2-Chloroethyl)ether	6.80	93	11491	4.009	ng	91
9) Naphthalene	10.16	128	141496	3.448	ng	99
10) Hexachlorobutadiene	10.45	225	6306	3.378	ng	96
12) 2-Methylnaphthalene	11.77	142	23444	3.608	ng	98
16) Acenaphthylene	13.70	152	40695	3.816	ng	100
17) Acenaphthene	14.05	154	25124	3.608	ng	97
18) Fluorene	15.04	166	31999	3.268	ng	# 79
20) 4-Bromophenyl-phenylether	15.95	248	11561	3.976	ng	# 77
21) Hexachlorobenzene	16.05	284	12496	3.727	ng	# 85
22) Pentachlorophenol	16.41	266	4484	5.613	ng	# 73
23) Phenanthrene	16.79	178	56988	3.673	ng	99
24) Anthracene	16.88	178	52215	4.050	ng	96
26) Fluoranthene	18.82	202	72751	3.908	ng	99
28) Pyrene	19.18	202	73553	3.244	ng	99
30) Benzo(a)anthracene	20.94	228	77871	3.795	ng	96
31) Chrysene	20.99	228	82501	3.435	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	105448	4.498	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	88102	3.481	ng	# 93
35) Benzo(b)fluoranthene	22.52	252	73268	3.994	ng	# 86
36) Benzo(k)fluoranthene	22.56	252	81102	3.735	ng	96
37) Benzo(a)pyrene	23.09	252	68612	3.787	ng	# 93
38) Dibenzo(a,h)anthracene	25.49	278	75077	3.940	ng	# 93
39) Benzo(g,h,i)perylene	26.18	276	73316	3.868	ng	# 89

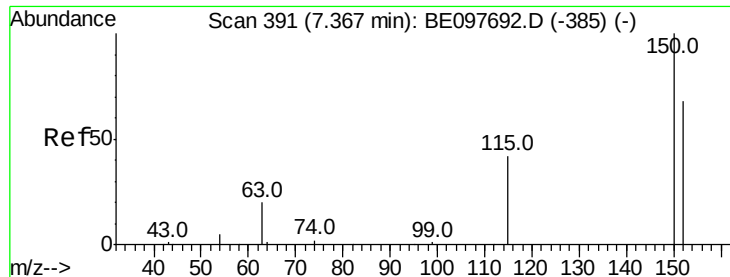
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.36 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

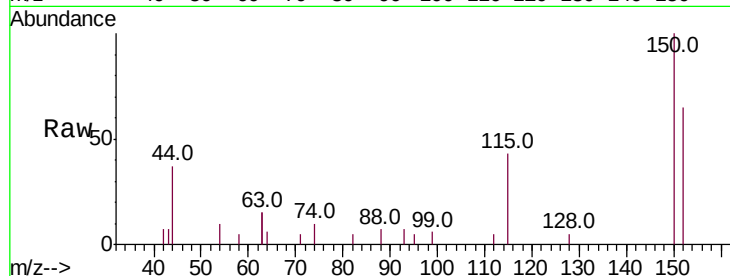
Tot Ion:152 Resp: 952

Ion Ratio Lower Upper

152 100

150 152.8 117.2 175.8

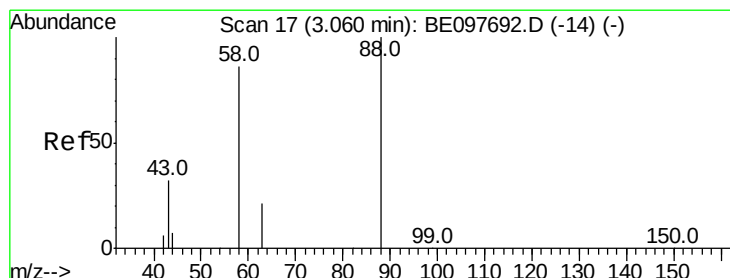
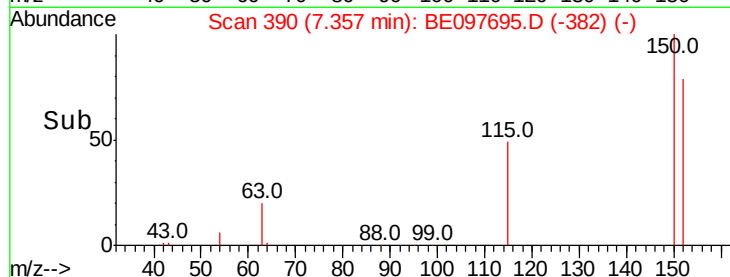
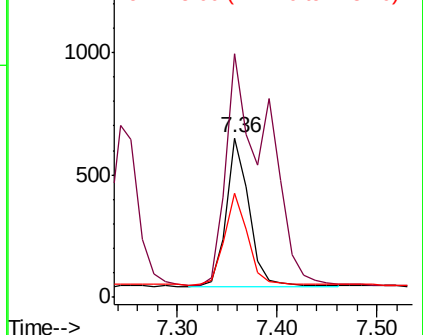
115 65.6 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.350 ng

RT: 3.06 min Scan# 17

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

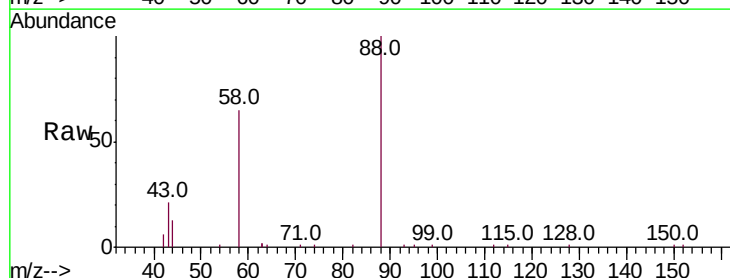
Tgt Ion: 88 Resp: 5711

Ion Ratio Lower Upper

88 100

58 79.2 63.2 94.8

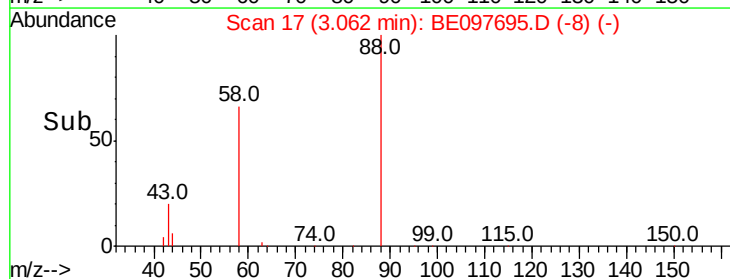
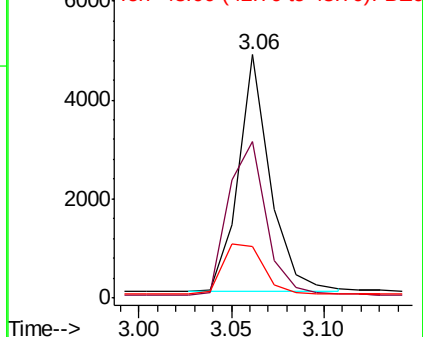
43 28.0 41.2 61.8#

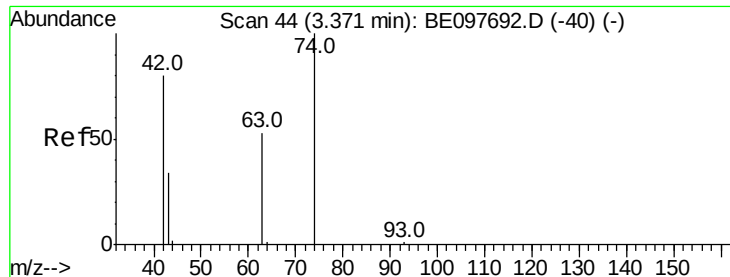


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



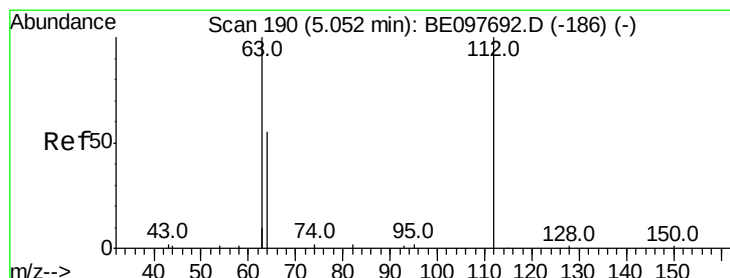
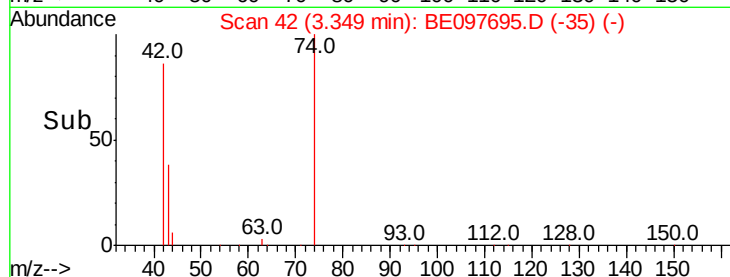
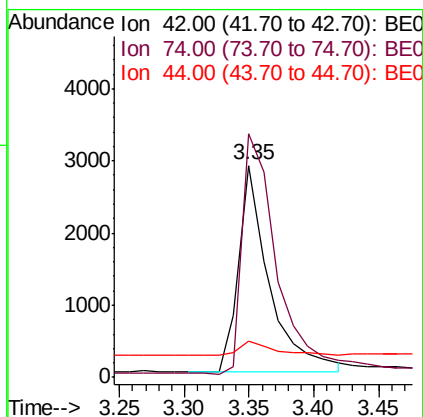
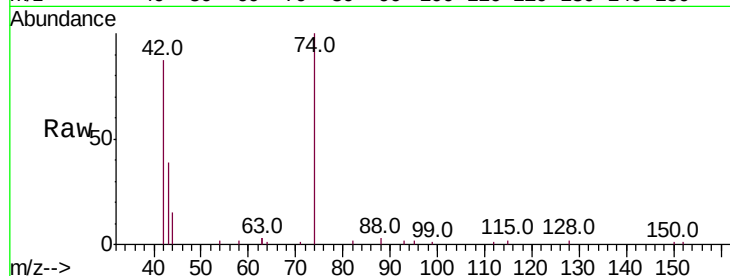


#3

n-Nitrosodimethylamine
 Concen: 4.694 ng
 RT: 3.35 min Scan# 42
 Delta R.T. -0.02 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

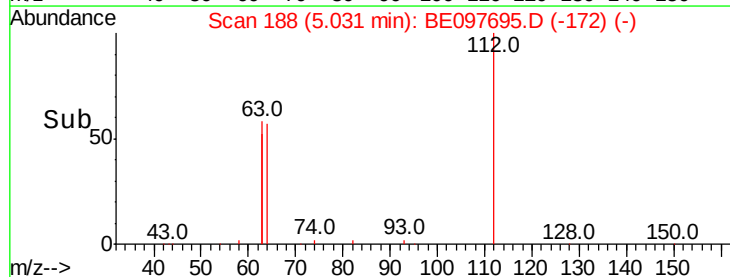
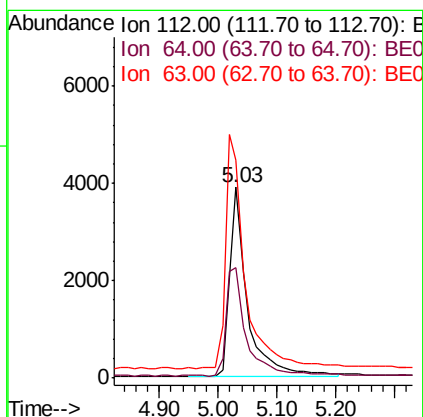
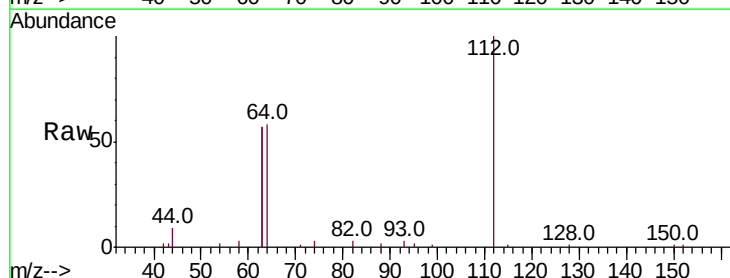
Tot Ion: 42 Resp: 4703
 Ion Ratio Lower Upper
 42 100
 74 131.3 96.0 144.0
 44 7.2 12.0 18.0#

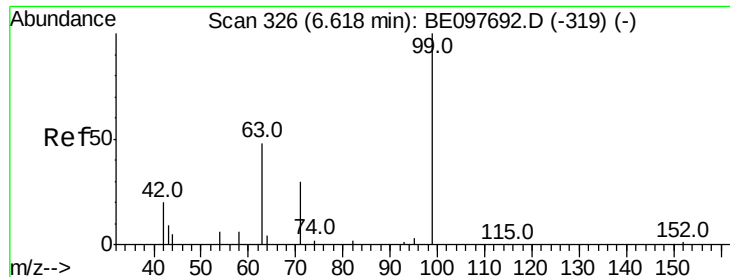


#4

2-Fluorophenol
 Concen: 3.160 ng
 RT: 5.03 min Scan# 188
 Delta R.T. -0.02 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Tgt Ion: 112 Resp: 7921
 Ion Ratio Lower Upper
 112 100
 64 66.7 60.1 90.1
 63 138.0 116.8 175.2





#5

Phenol-d6

Concen: 3.311 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.04 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

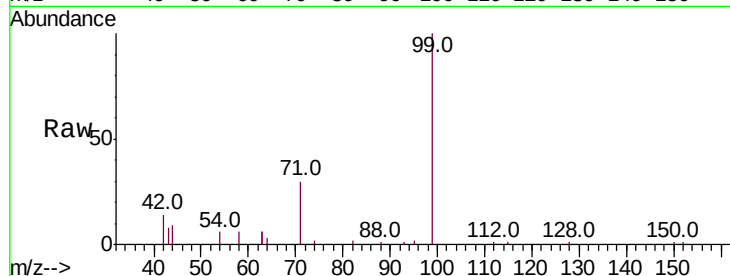
Tot Ion: 99 Resp: 11715

Ion Ratio Lower Upper

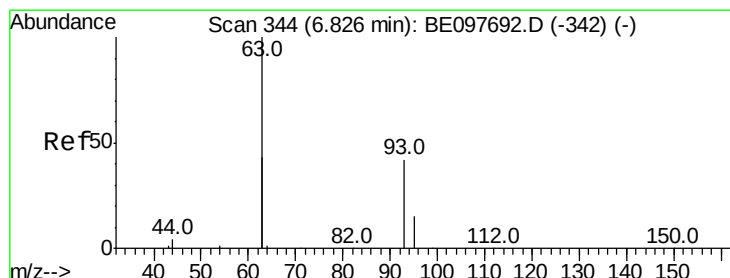
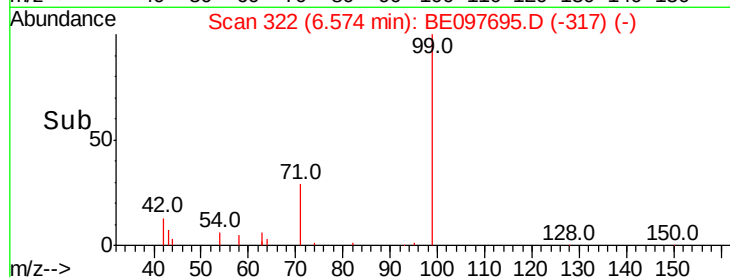
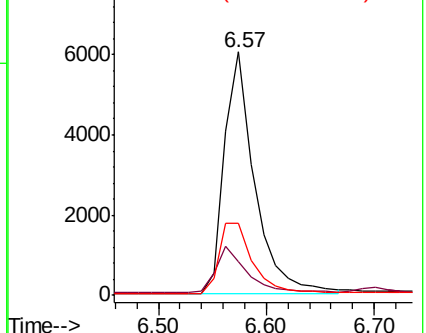
99 100

42 19.8 20.2 30.2#

71 32.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 4.009 ng

RT: 6.80 min Scan# 342

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

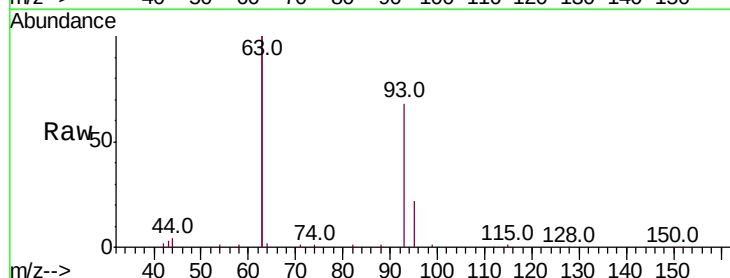
Tgt Ion: 93 Resp: 11491

Ion Ratio Lower Upper

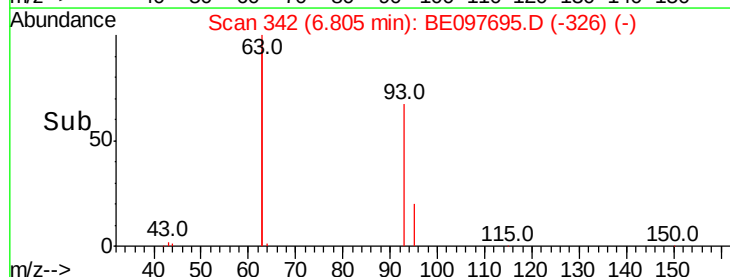
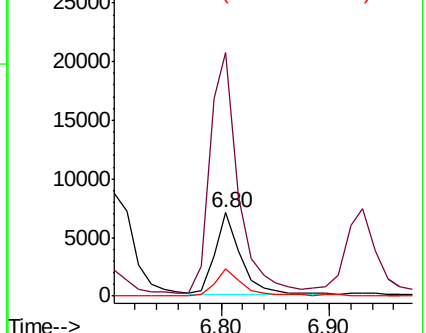
93 100

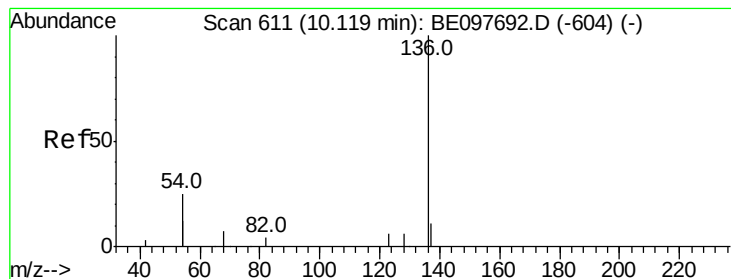
63 322.8 275.3 412.9

95 32.1 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 610

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 4515

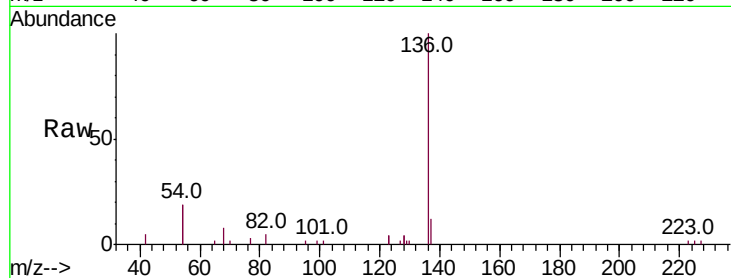
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 38.7 29.1 43.7

68 8.1 6.2 9.2

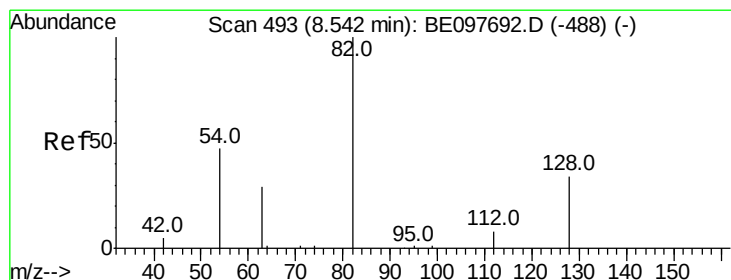
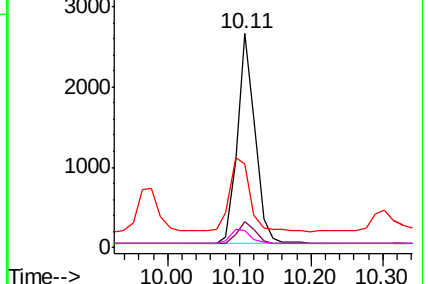
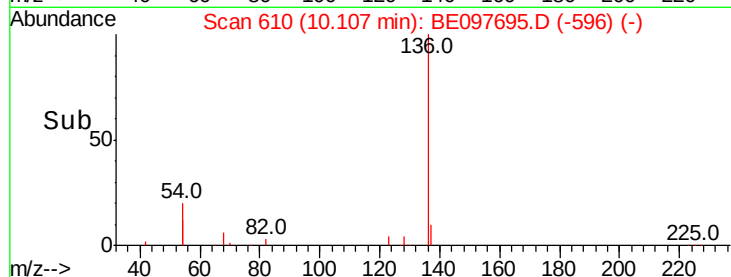


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 4.643 ng

RT: 8.50 min Scan# 489

Delta R.T. -0.04 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

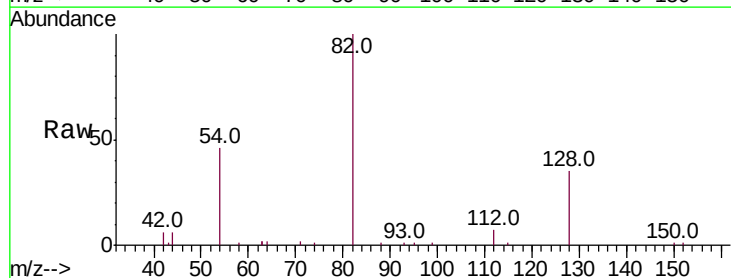
Tgt Ion: 82 Resp: 12158

Ion Ratio Lower Upper

82 100

128 34.9 24.0 36.0

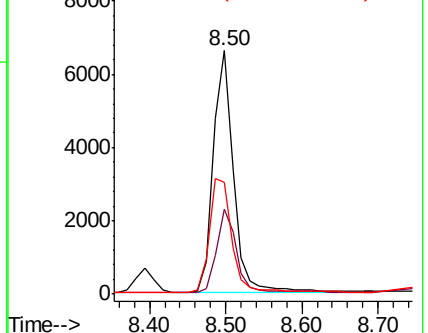
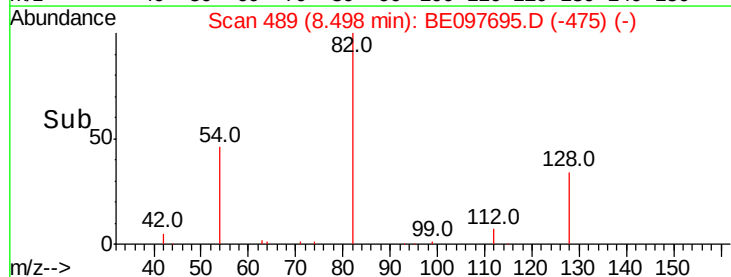
54 46.1 40.0 60.0

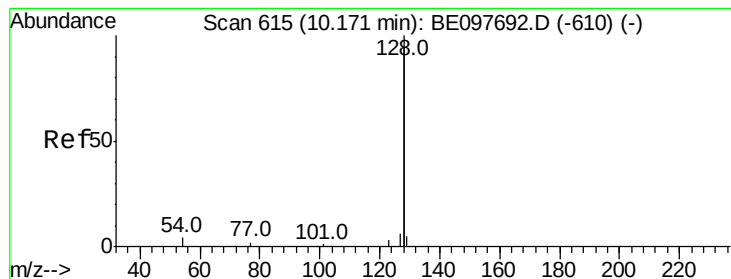


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.448 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

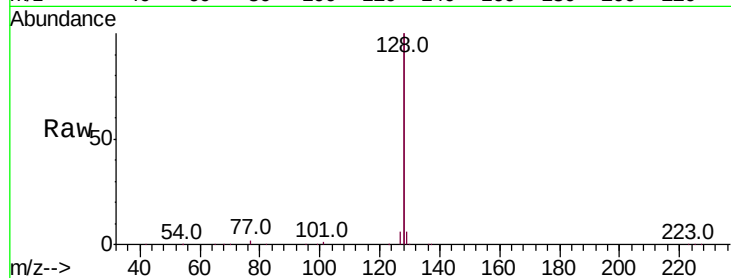
Tot Ion:128 Resp: 141496

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

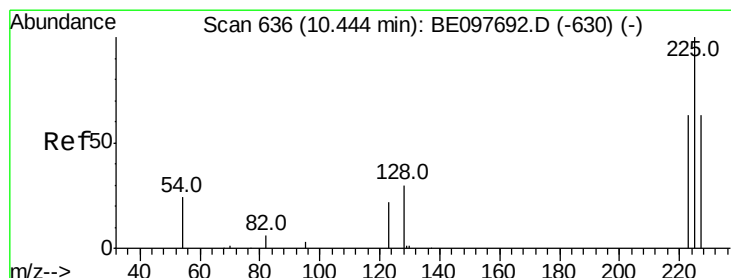
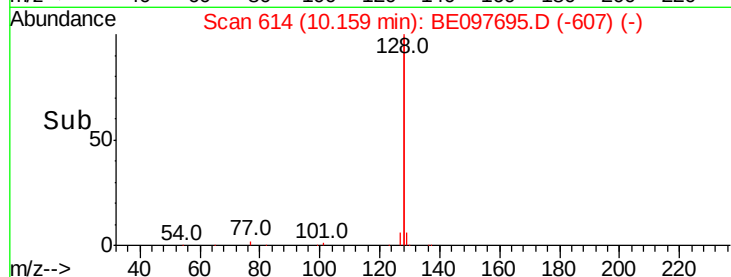
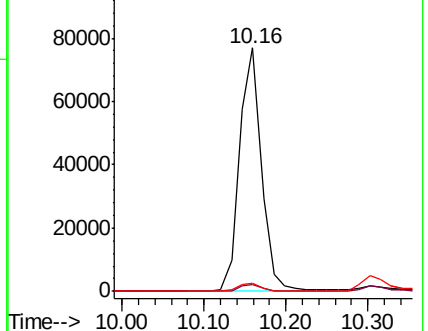
127 3.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.378 ng

RT: 10.45 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

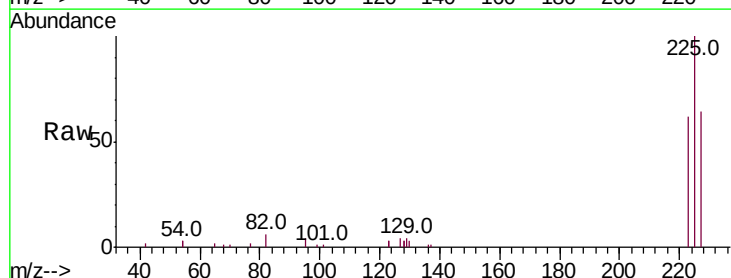
Tgt Ion:225 Resp: 6306

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

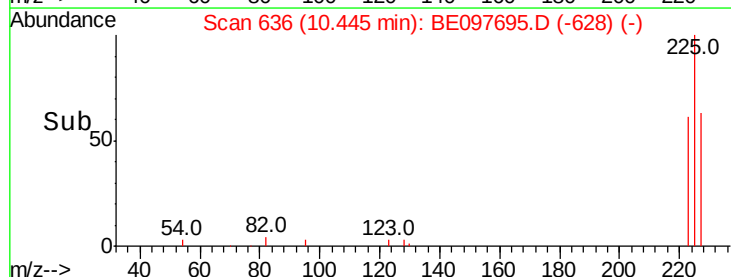
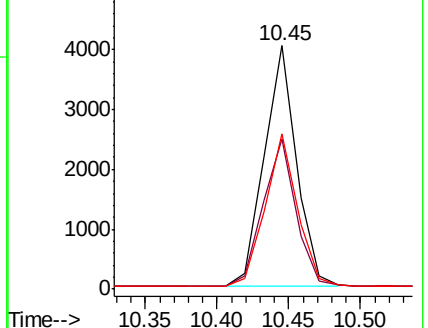
227 62.9 51.4 77.2

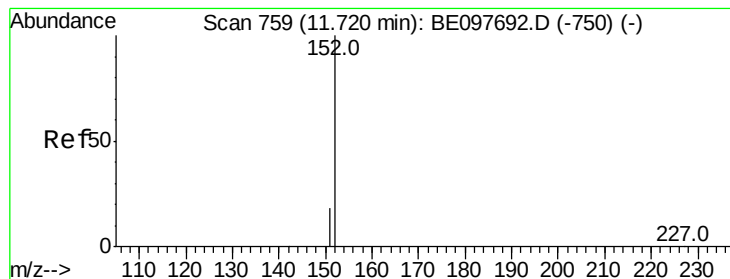


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.440 ng

RT: 11.69 min Scan# 753

Delta R.T. -0.03 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

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ClientSampleId :

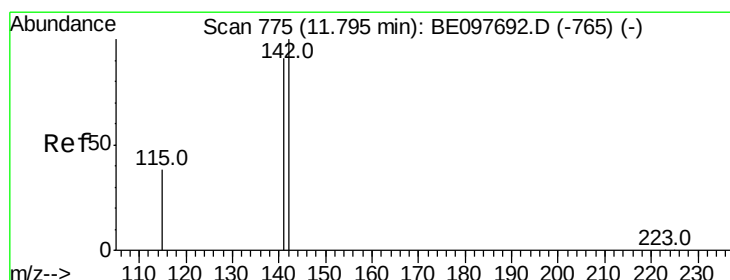
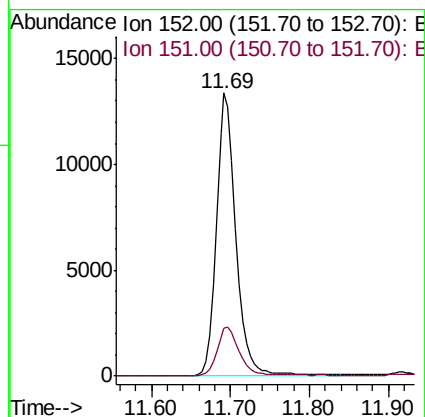
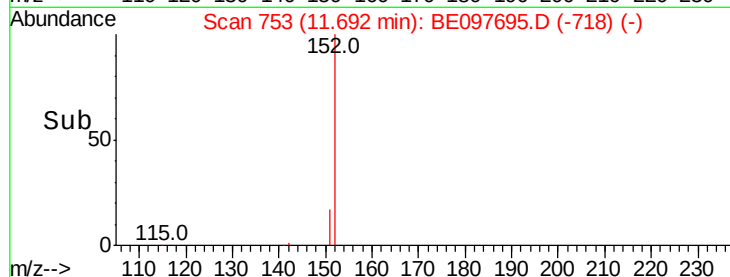
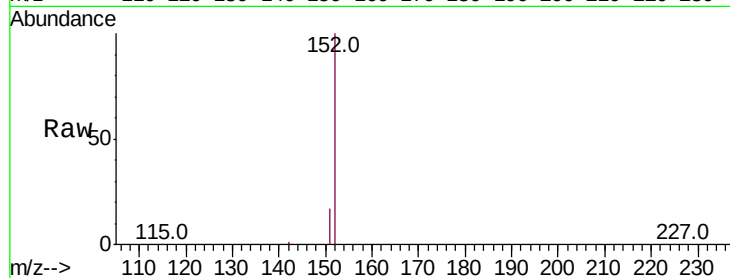
SSTDICC3.2

Tot Ion:152 Resp: 22997

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.608 ng

RT: 11.77 min Scan# 770

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

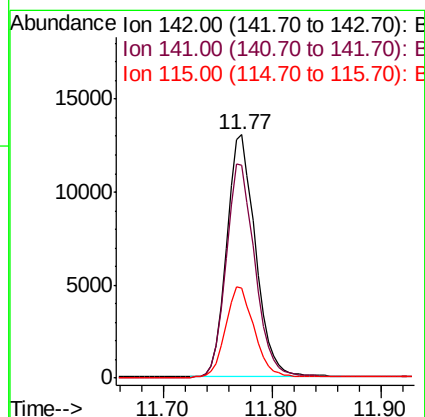
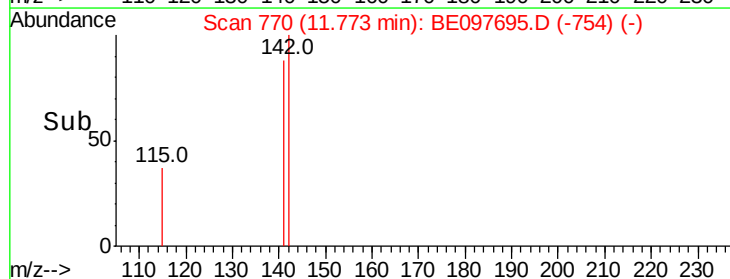
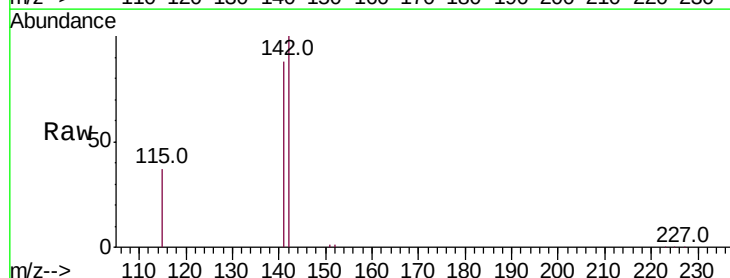
Tgt Ion:142 Resp: 23444

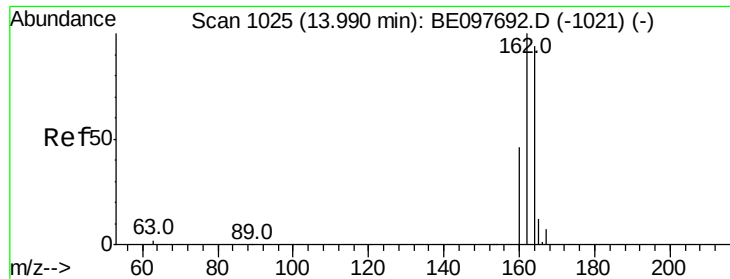
Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 36.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

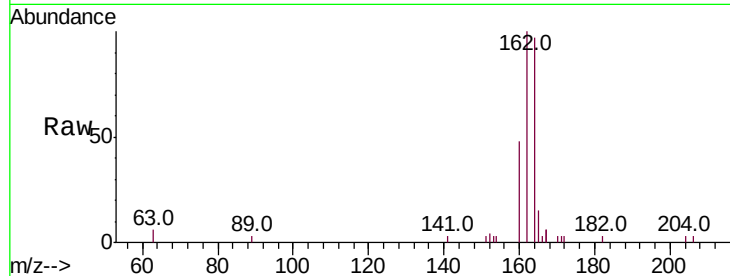
Tot Ion:164 Resp: 2652

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

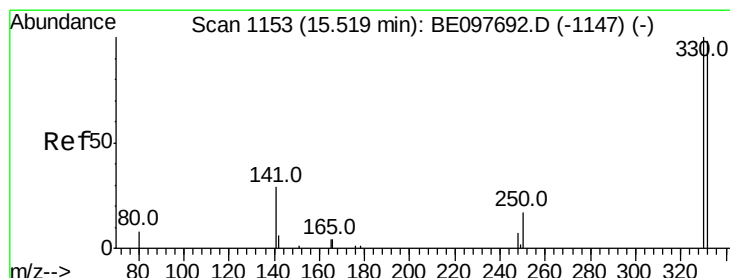
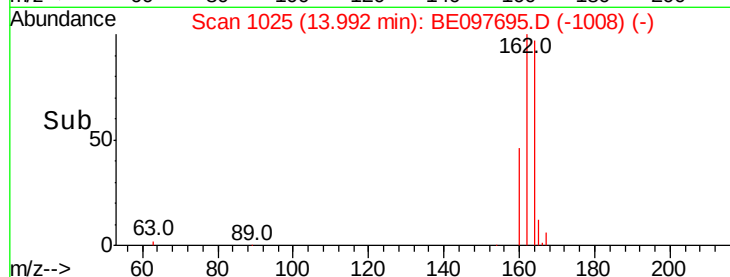
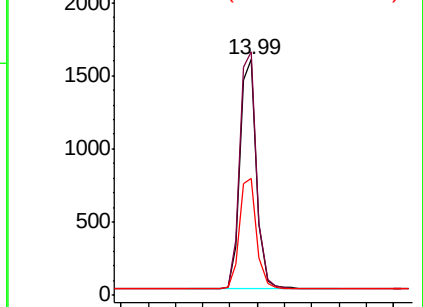
160 49.4 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 3.990 ng

RT: 15.49 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

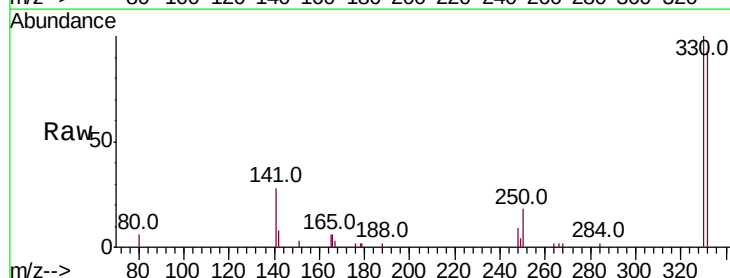
Tgt Ion:330 Resp: 4102

Ion Ratio Lower Upper

330 100

332 96.2 152.7 229.1#

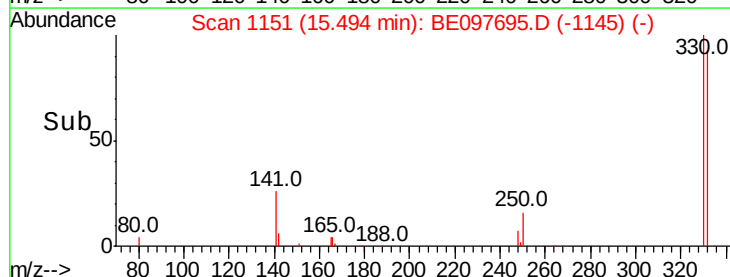
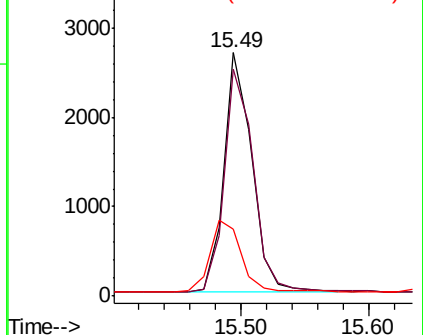
141 32.9 33.7 50.5#

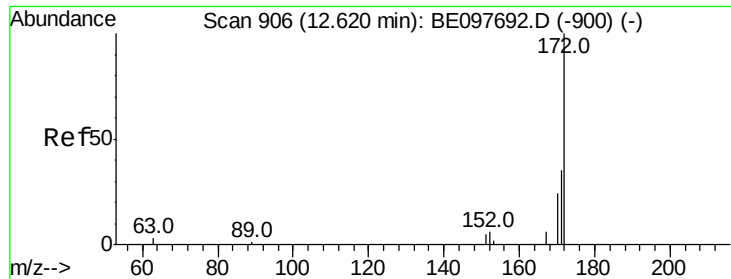


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

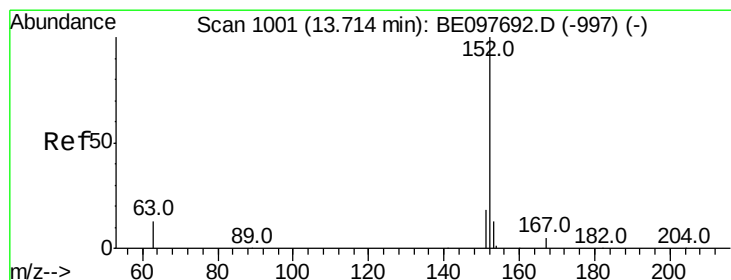
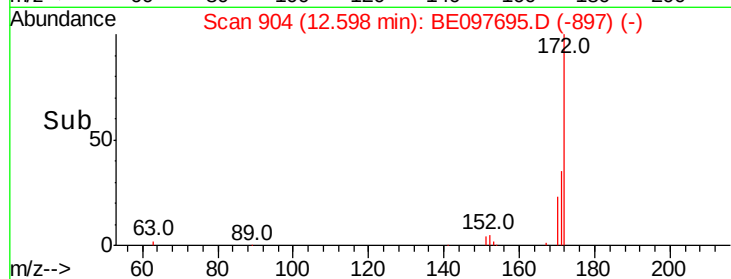
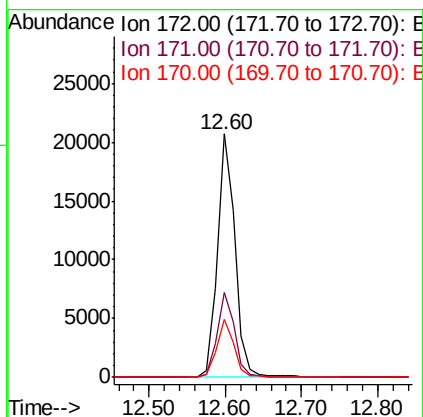
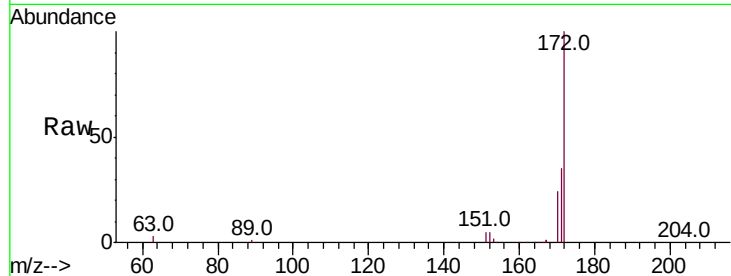




#15
2-Fluorobiphenyl
Concen: 3.816 ng
RT: 12.60 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

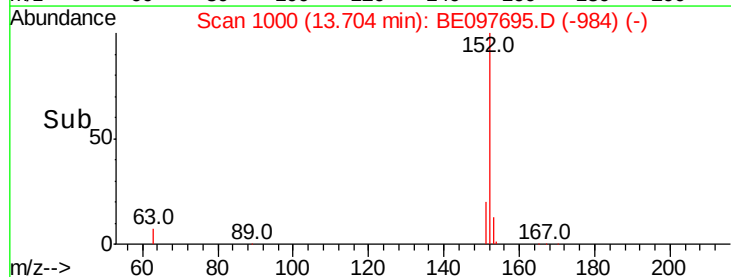
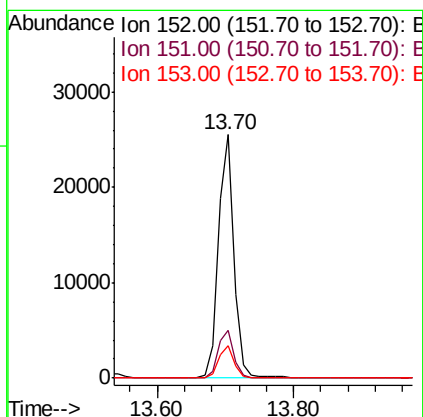
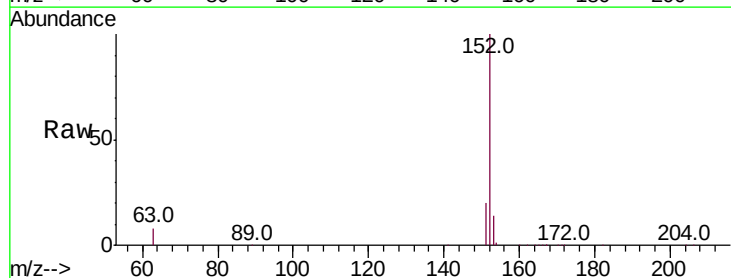
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

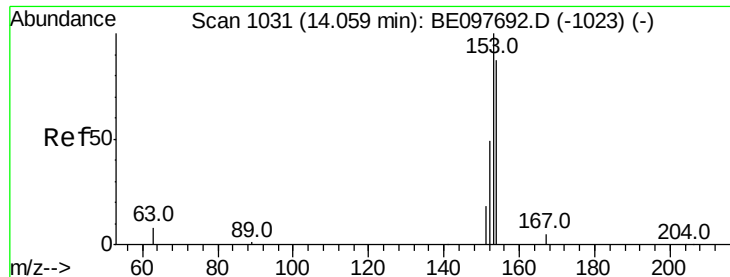
Tot Ion:172 Resp: 33024
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 3.816 ng
RT: 13.70 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Tgt Ion:152 Resp: 40695
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 3.608 ng

RT: 14.05 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

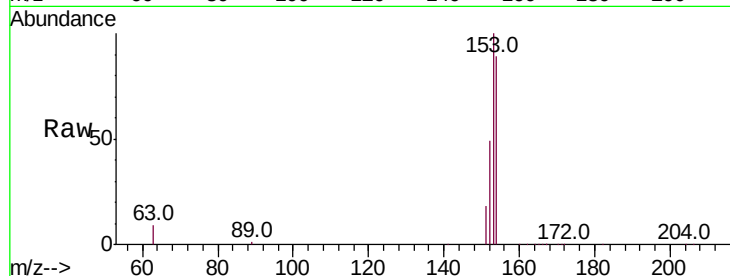
Tot Ion:154 Resp: 25124

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

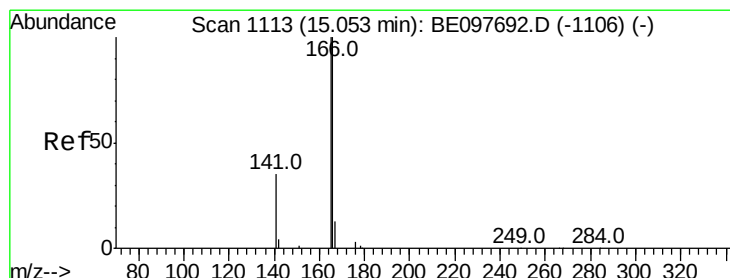
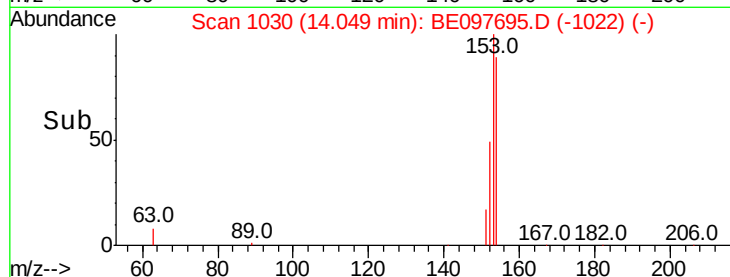
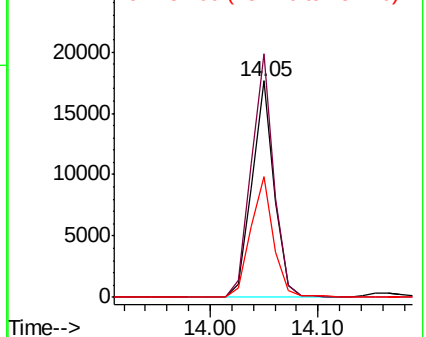
152 56.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.268 ng

RT: 15.04 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

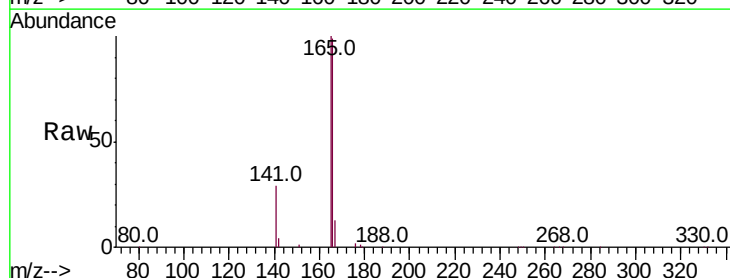
Tgt Ion:166 Resp: 31999

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

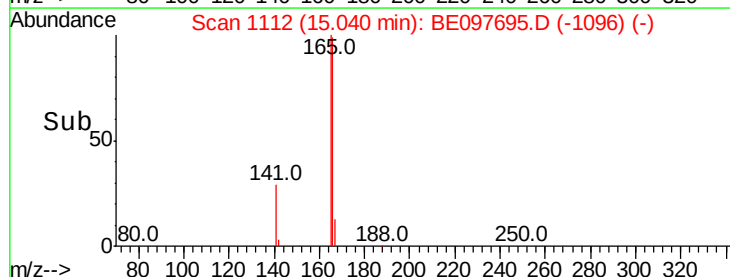
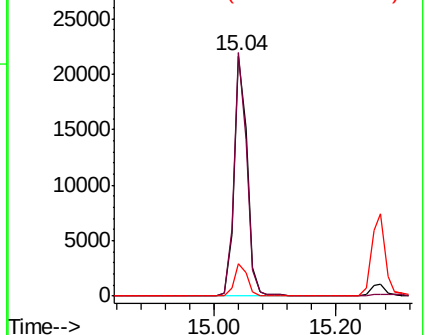
167 13.5 42.4 63.6#

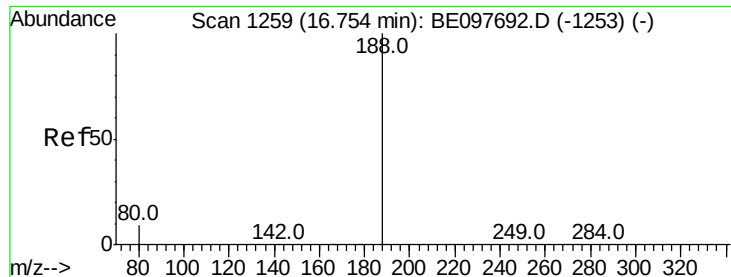


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

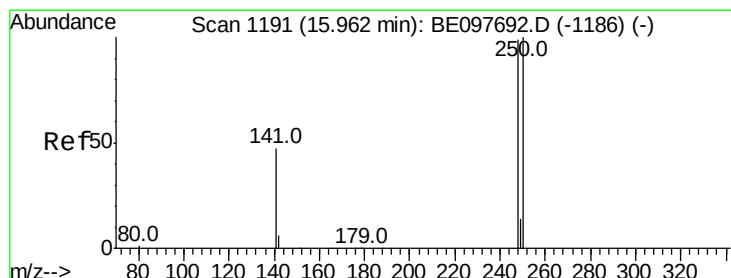
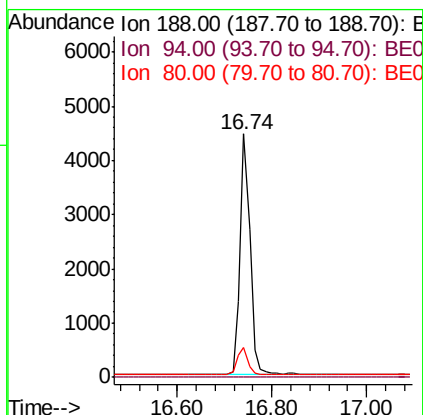
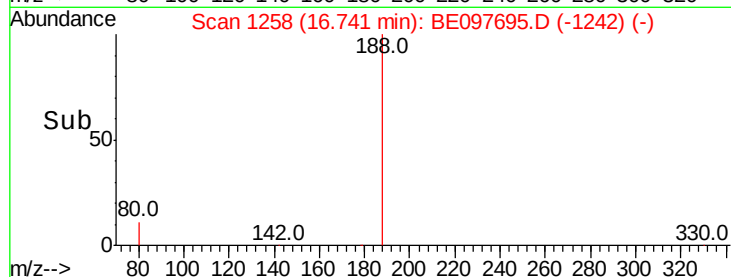
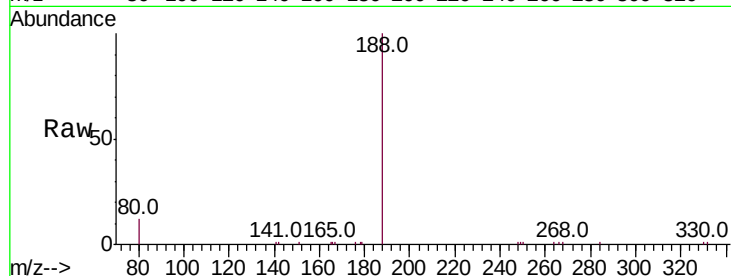
Tot Ion:188 Resp: 6560

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.4 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 3.976 ng

RT: 15.95 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

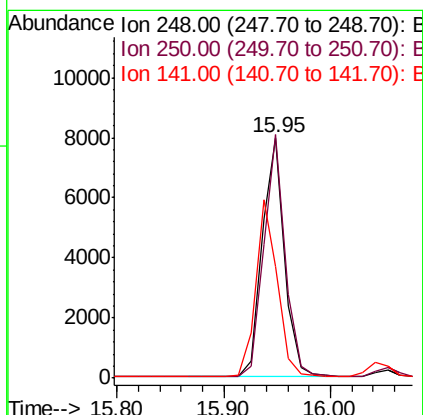
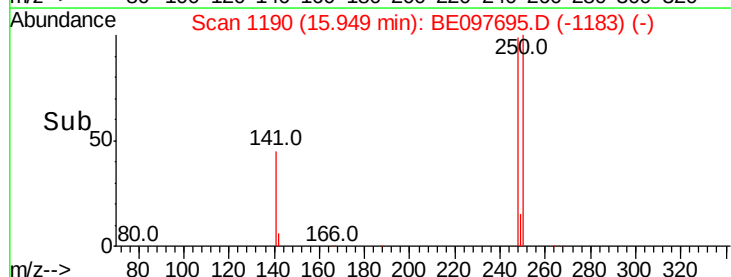
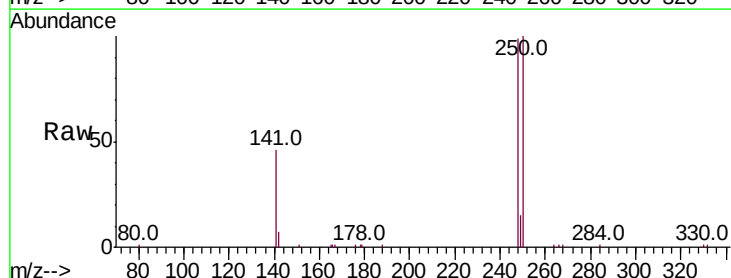
Tgt Ion:248 Resp: 11561

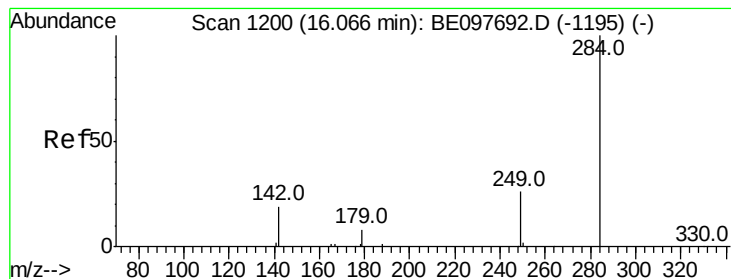
Ion Ratio Lower Upper

248 100

250 101.5 62.7 94.1#

141 46.4 48.2 72.2#





#21

Hexachlorobenzene

Concen: 3.727 ng

RT: 16.05 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

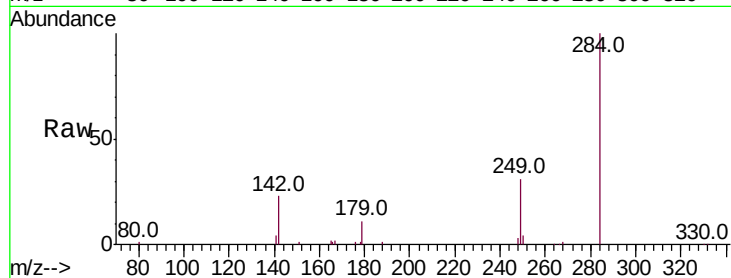
Tot Ion:284 Resp: 12496

Ion Ratio Lower Upper

284 100

142 31.8 22.1 33.1

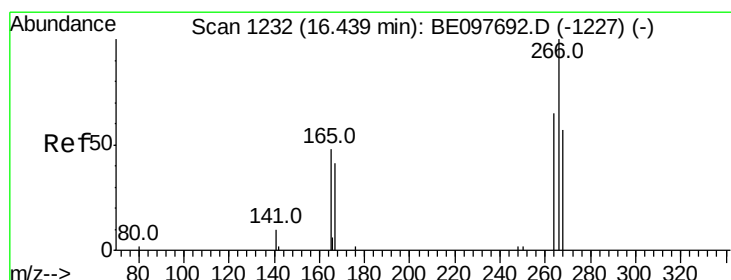
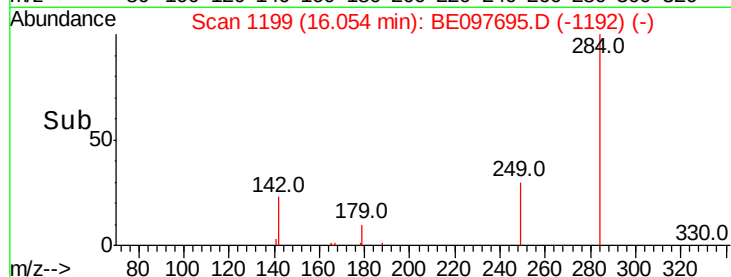
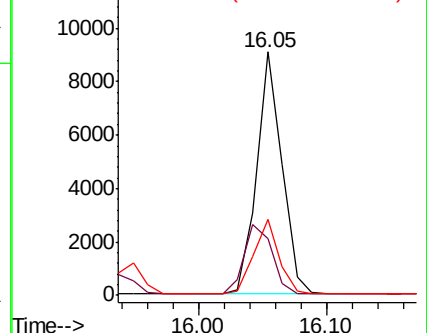
249 30.6 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 5.613 ng

RT: 16.41 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

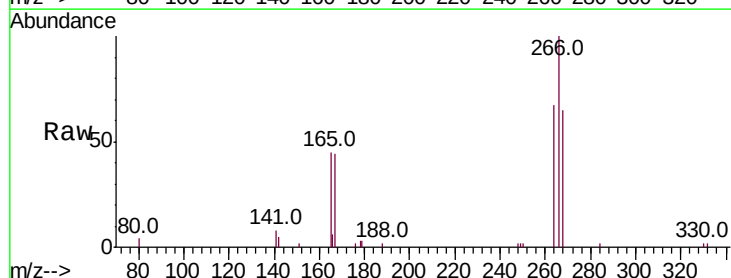
Tgt Ion:266 Resp: 4484

Ion Ratio Lower Upper

266 100

264 67.1 72.5 108.7#

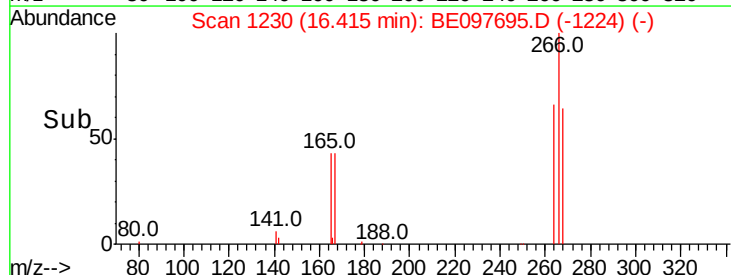
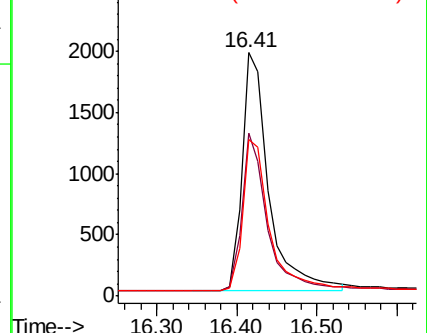
268 64.6 73.8 110.6#

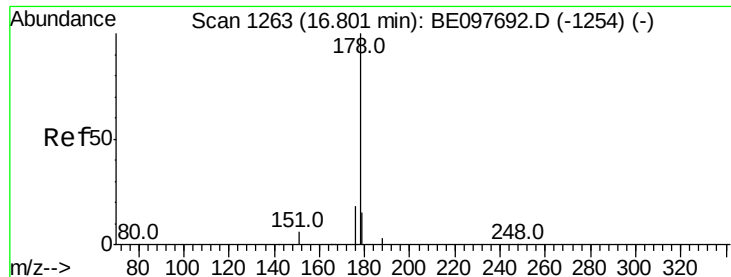


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

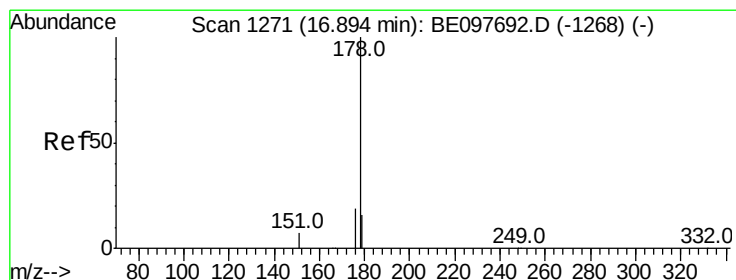
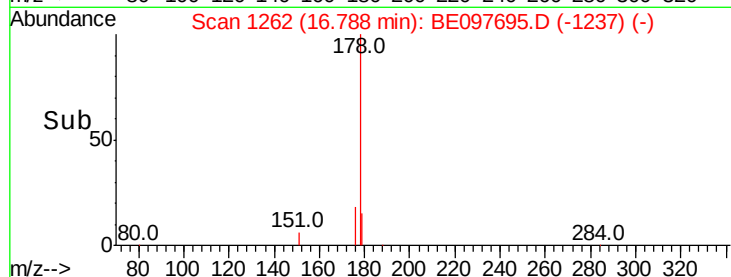
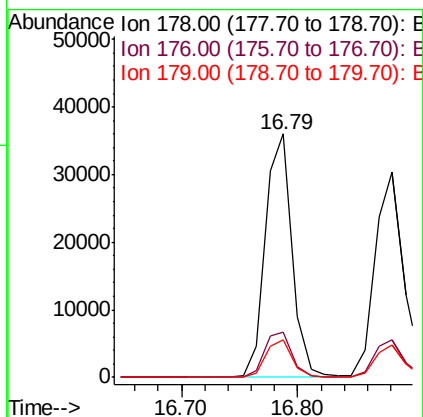
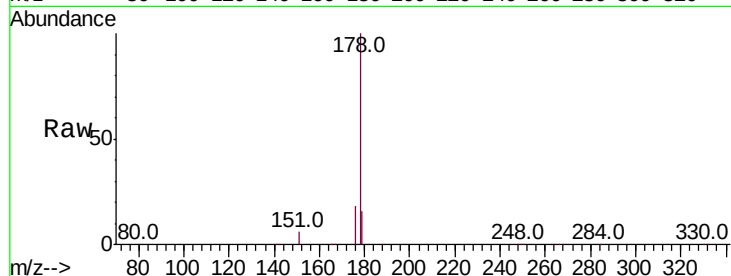




#23
Phenanthrene
Concen: 3.673 ng
RT: 16.79 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

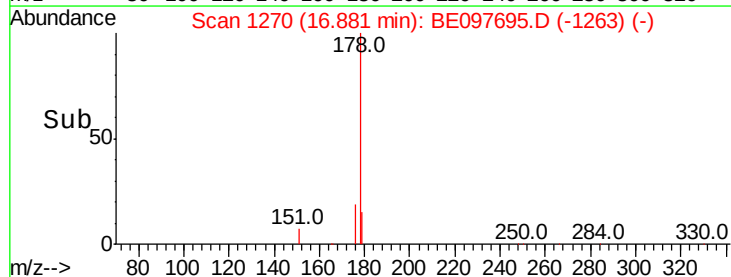
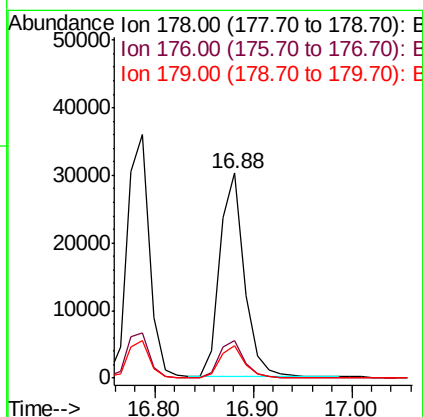
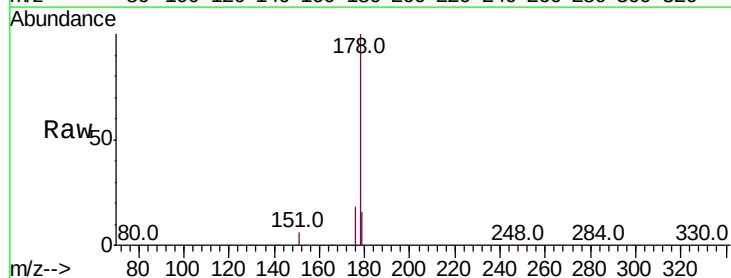
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

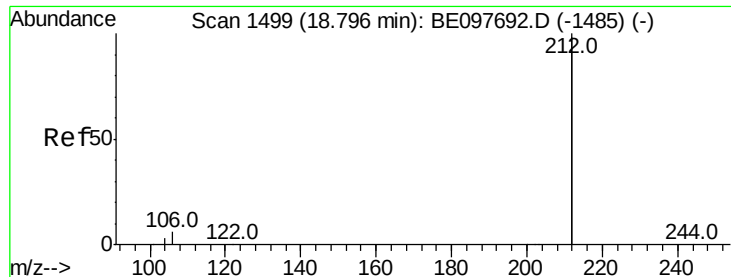
Tot Ion:178 Resp: 56988
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 4.050 ng
RT: 16.88 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Tgt Ion:178 Resp: 52215
Ion Ratio Lower Upper
178 100
176 18.6 12.8 19.2
179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.803 ng

RT: 18.79 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

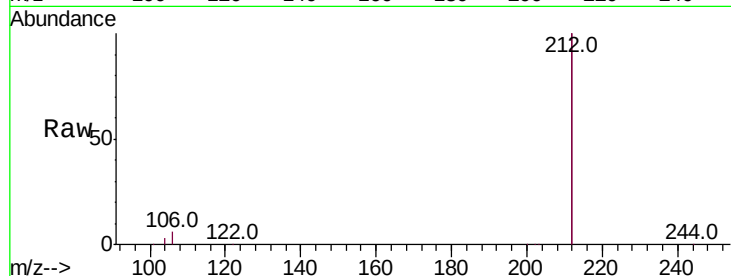
Tot Ion:212 Resp: 272002

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

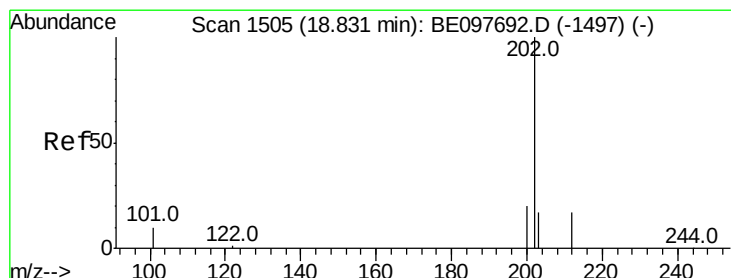
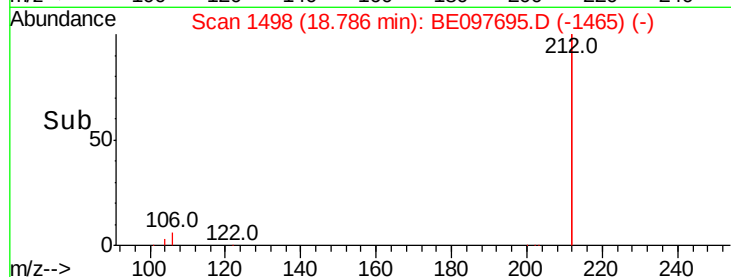
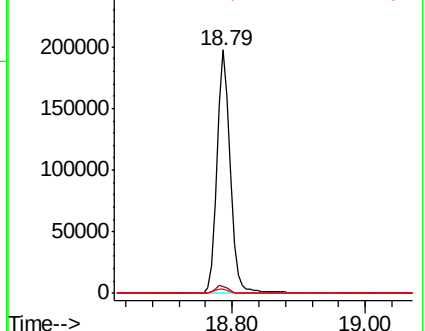
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.908 ng

RT: 18.82 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

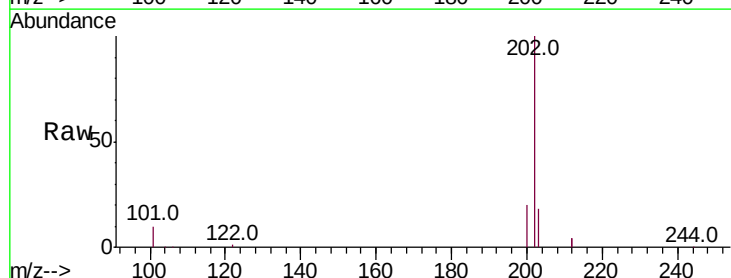
Tgt Ion:202 Resp: 72751

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

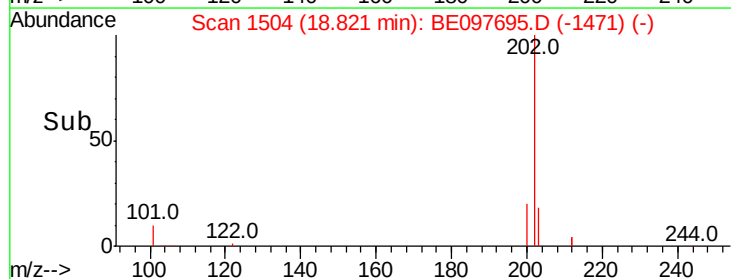
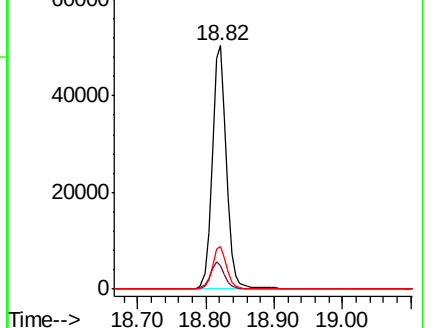
203 17.4 13.7 20.5

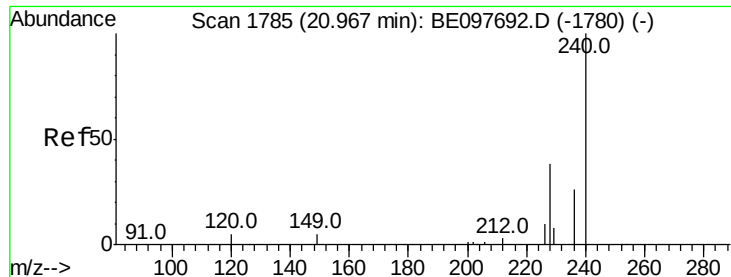


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

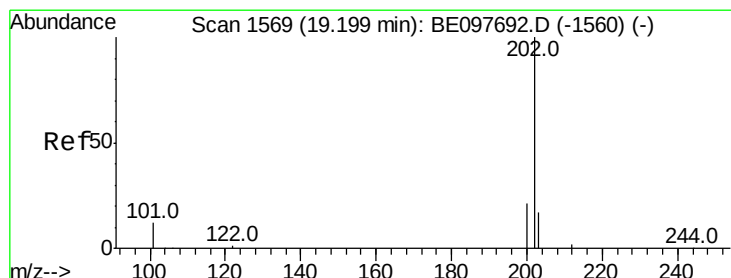
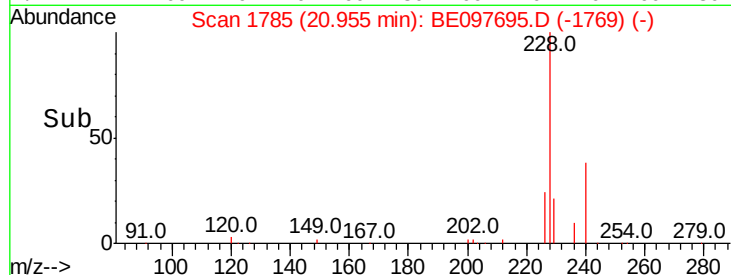
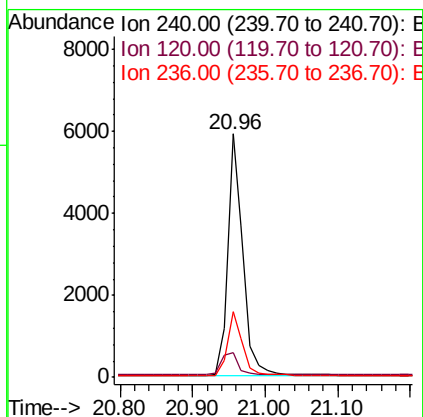
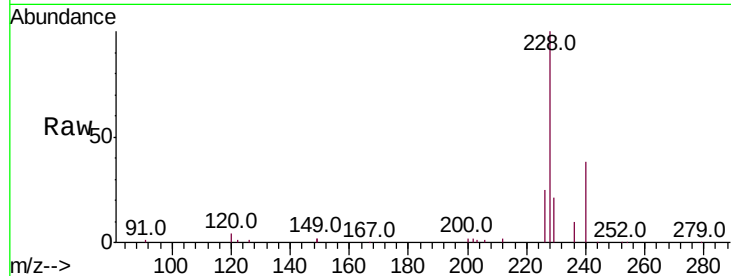




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.96 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

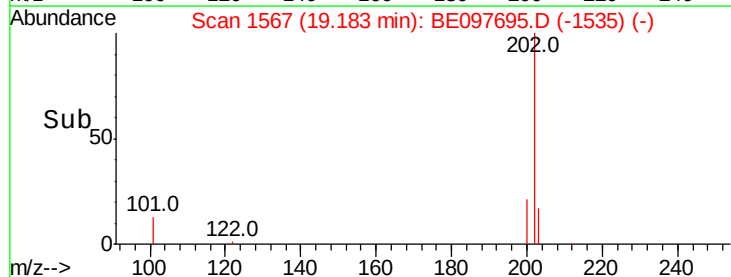
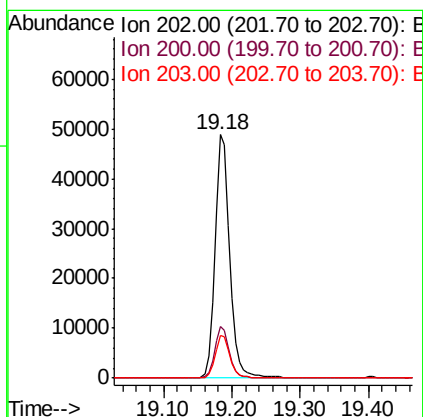
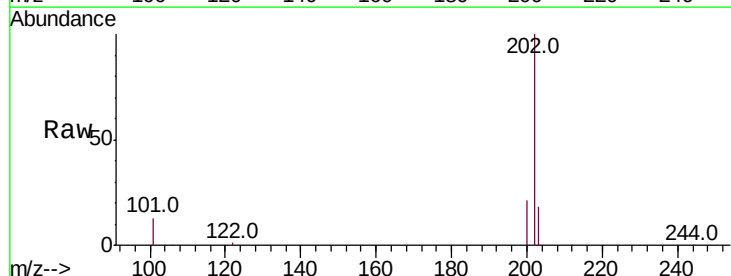
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

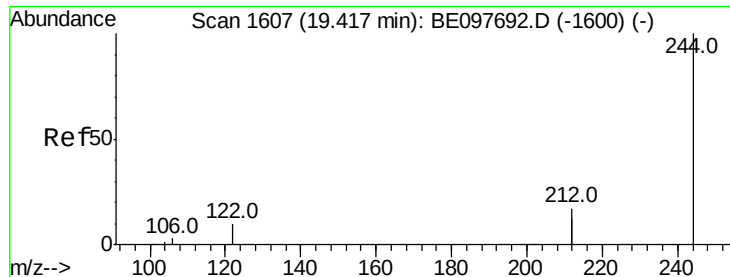
Tot Ion:240 Resp: 8686
 Ion Ratio Lower Upper
 240 100
 120 9.9 5.5 8.3#
 236 27.0 20.7 31.1



#28
 Pyrene
 Concen: 3.244 ng
 RT: 19.18 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Tgt Ion:202 Resp: 73553
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 3.385 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

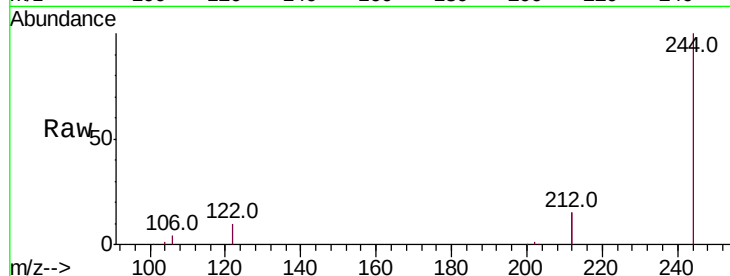
Tot Ion:244 Resp: 57877

Ion Ratio Lower Upper

244 100

212 29.9 25.4 38.0

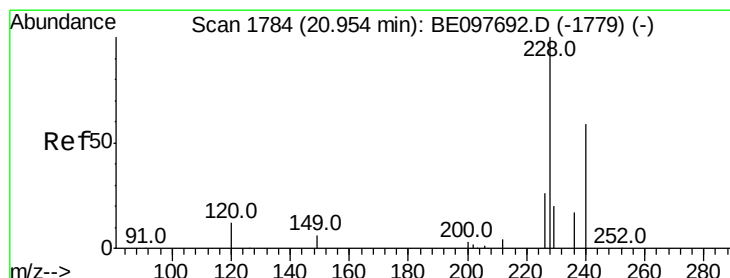
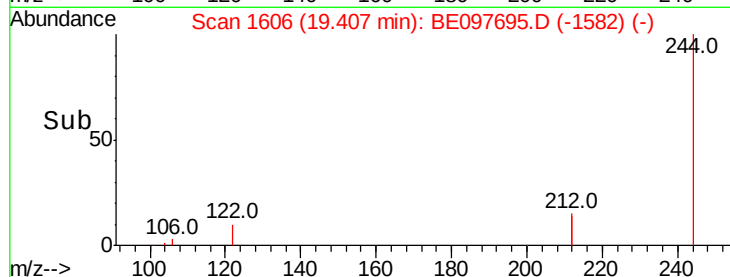
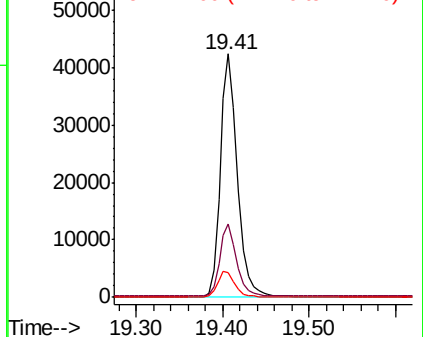
122 10.1 8.1 12.1



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: 3.795 ng

RT: 20.94 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

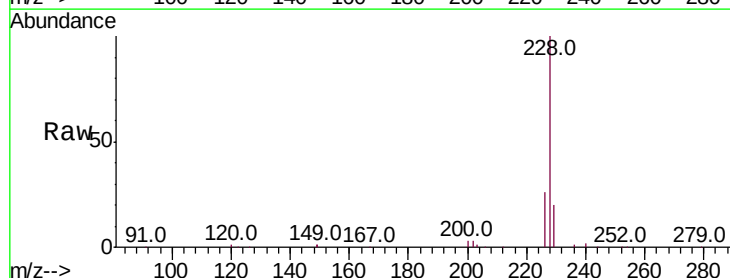
Tgt Ion:228 Resp: 77871

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

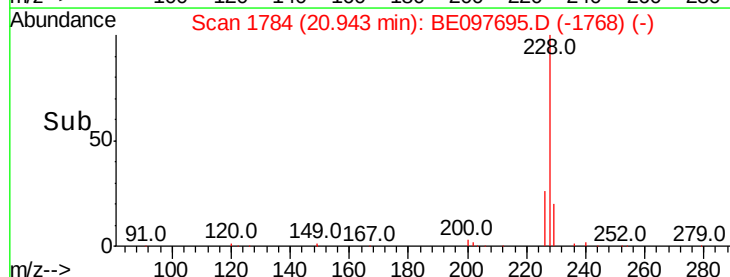
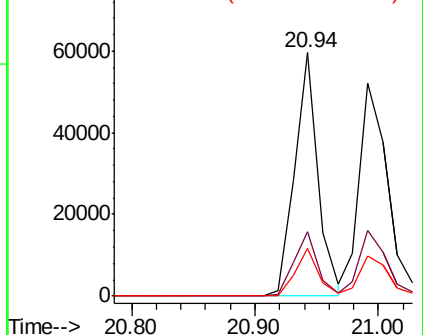
229 19.7 16.0 24.0

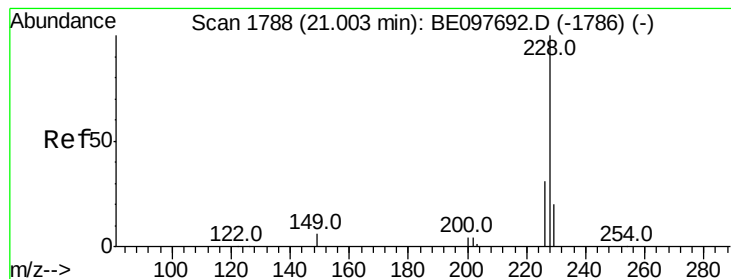


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.435 ng

RT: 20.99 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

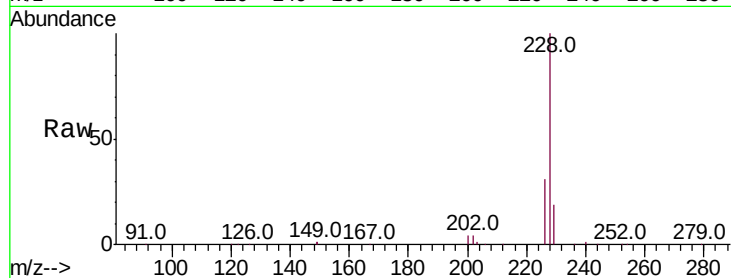
Tot Ion:228 Resp: 82501

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

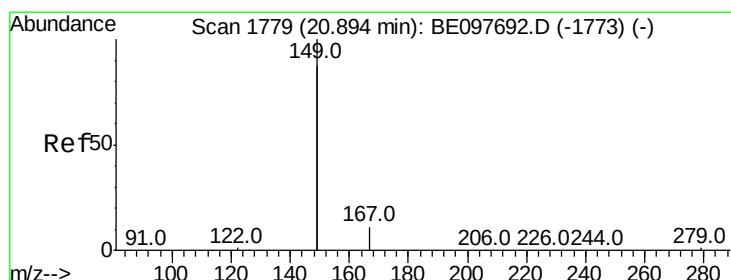
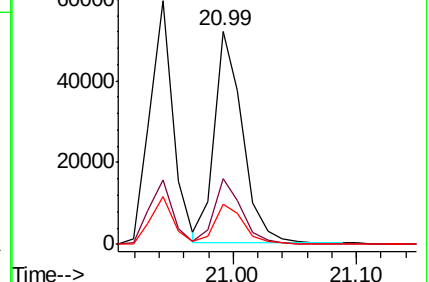
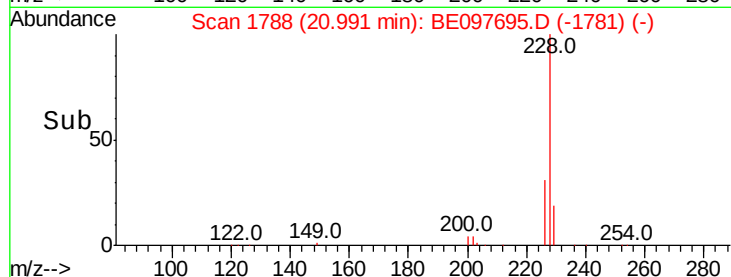
229 19.0 16.0 24.0



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: 4.498 ng

RT: 20.89 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

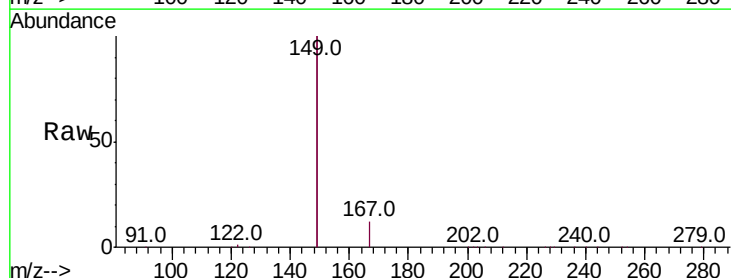
Tgt Ion:149 Resp: 105448

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

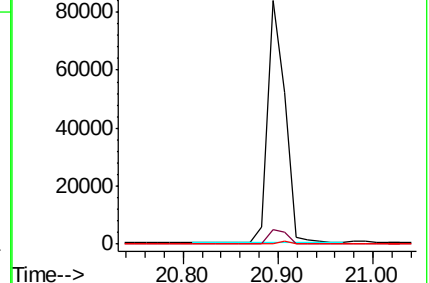
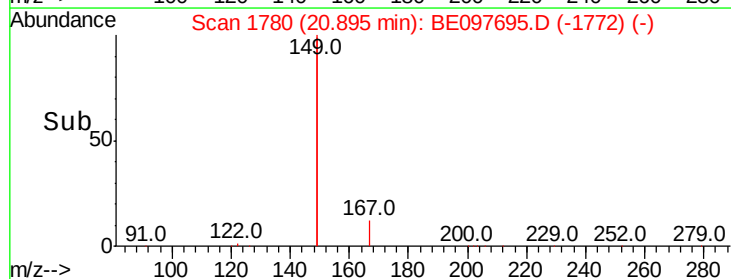
279 1.1 0.7 1.1

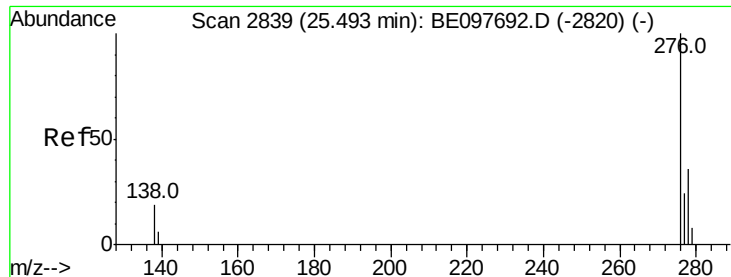


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.481 ng

RT: 25.47 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

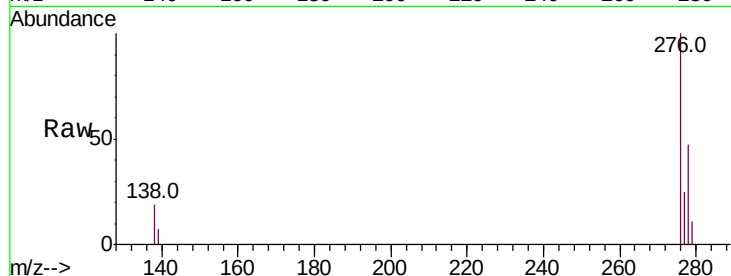
Tot Ion:276 Resp: 88102

Ion Ratio Lower Upper

276 100

138 21.0 22.5 33.7#

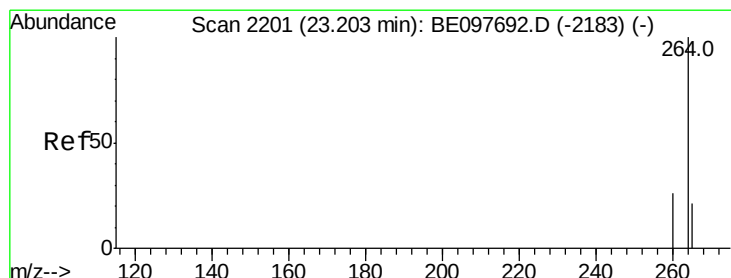
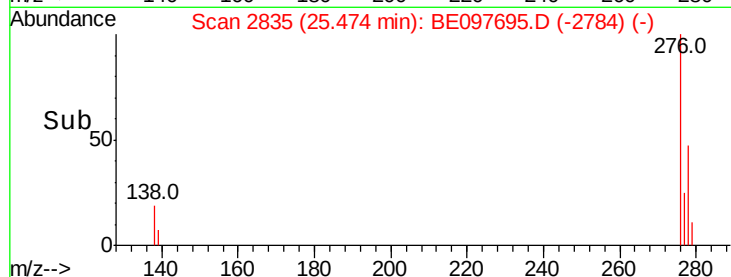
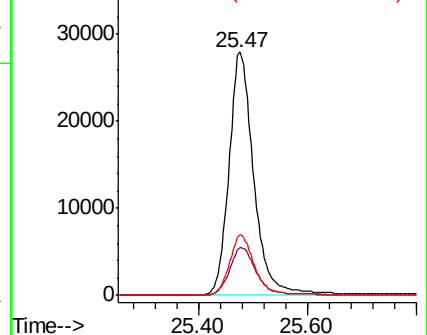
277 25.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

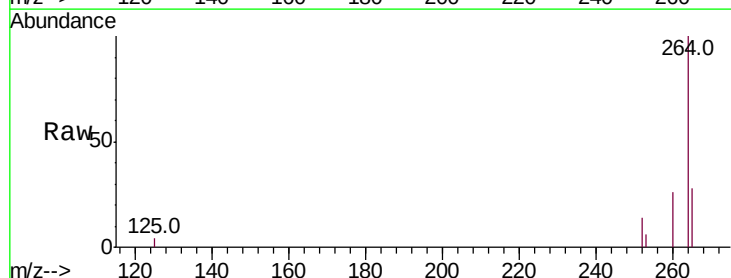
Tgt Ion:264 Resp: 7176

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

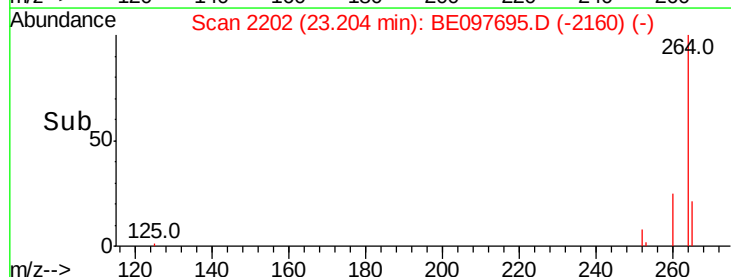
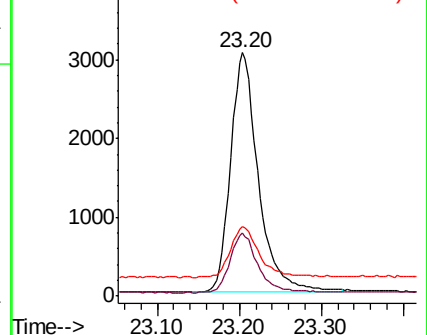
265 28.4 22.8 34.2

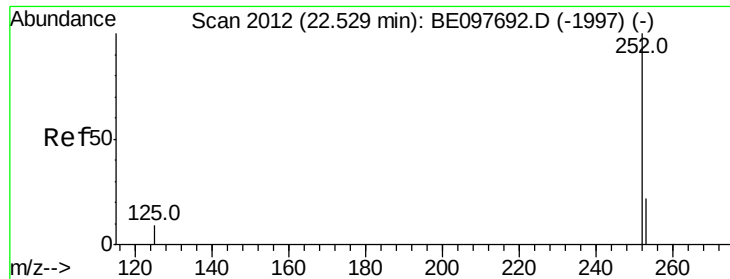


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.994 ng

RT: 22.52 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

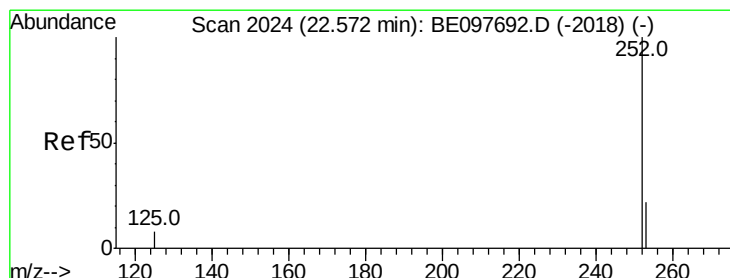
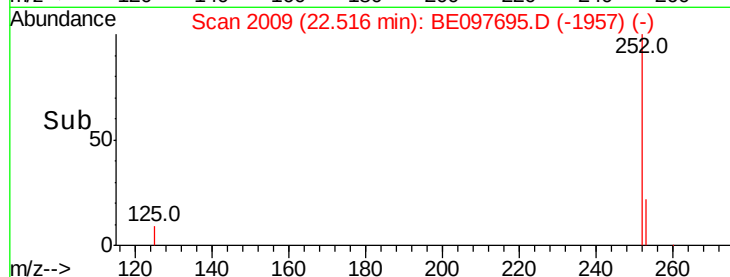
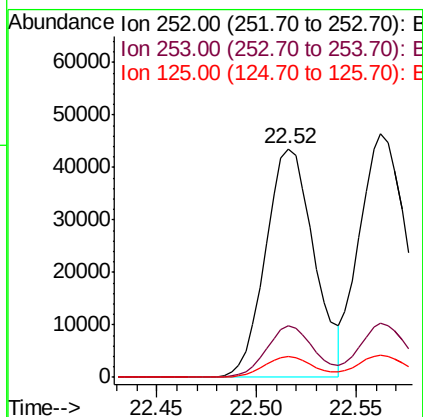
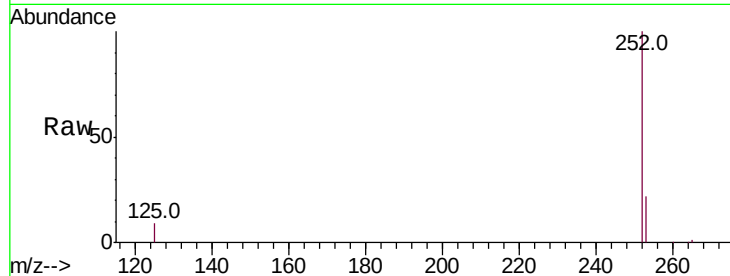
Tot Ion:252 Resp: 73268

Ion Ratio Lower Upper

252 100

253 22.3 20.0 30.0

125 9.0 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 3.735 ng

RT: 22.56 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

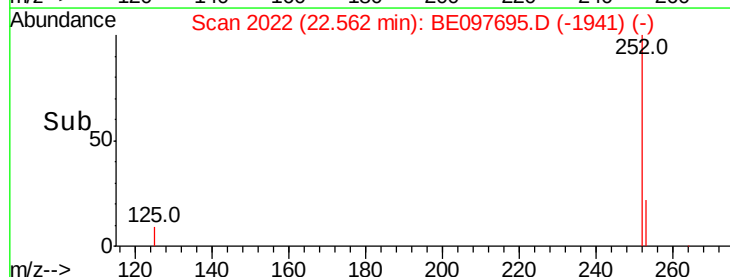
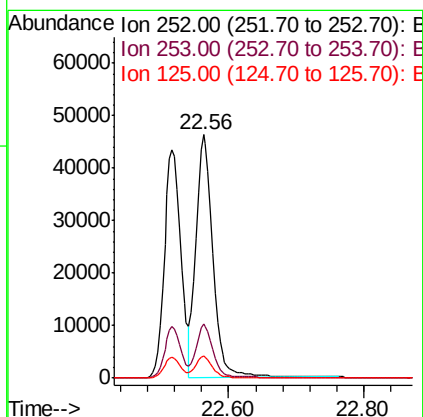
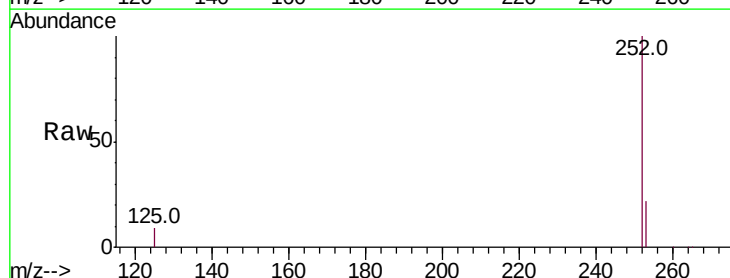
Tgt Ion:252 Resp: 81102

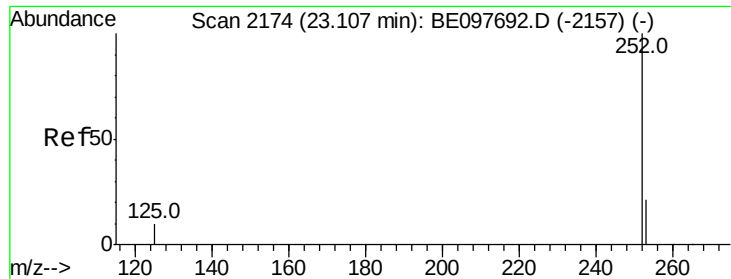
Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 9.1 8.0 12.0

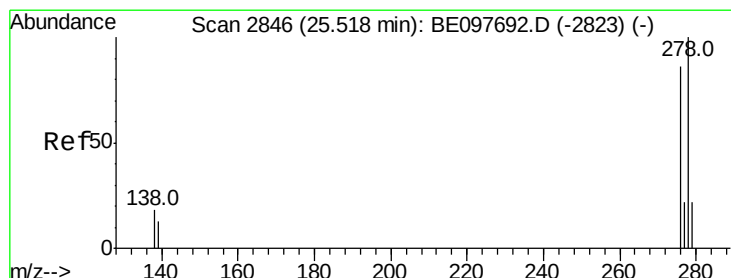
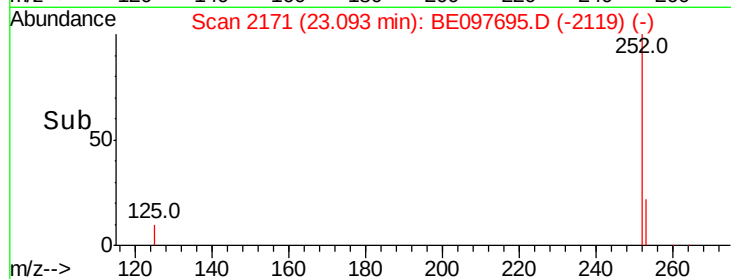
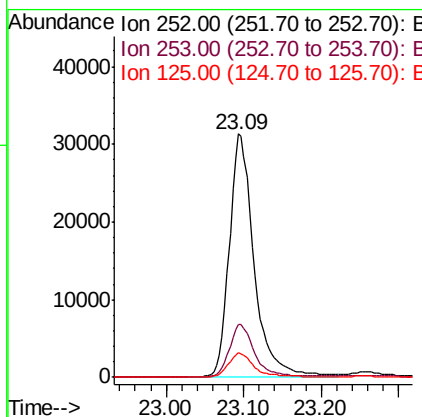
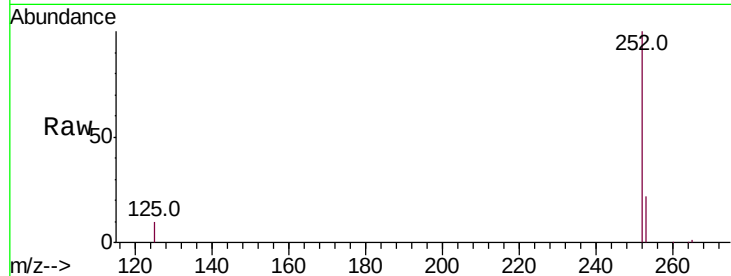




#37
Benzo(a)pyrene
Concen: 3.787 ng
RT: 23.09 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

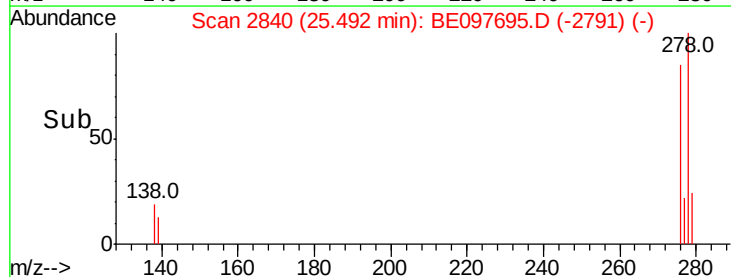
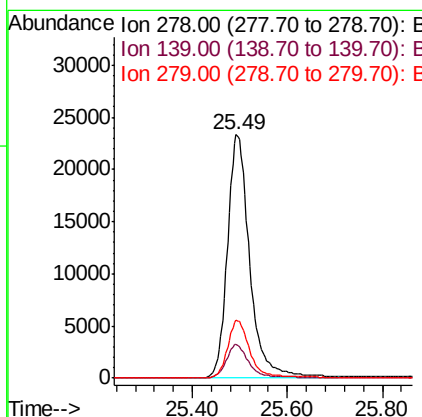
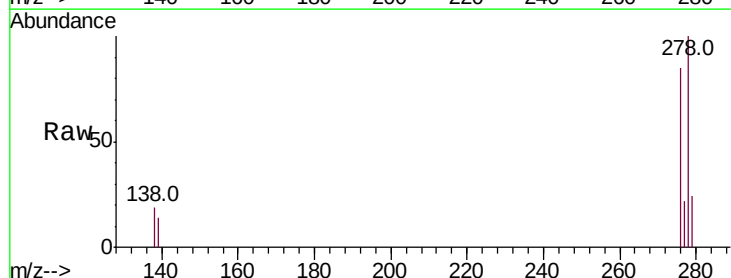
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

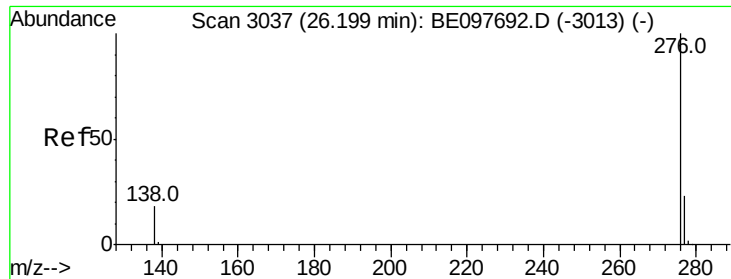
Tot Ion:252 Resp: 68612
Ion Ratio Lower Upper
252 100
253 21.9 16.0 24.0
125 10.1 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 3.940 ng
RT: 25.49 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Tgt Ion:278 Resp: 75077
Ion Ratio Lower Upper
278 100
139 13.7 16.0 24.0#
279 23.8 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.868 ng

RT: 26.18 min Scan# 3032

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

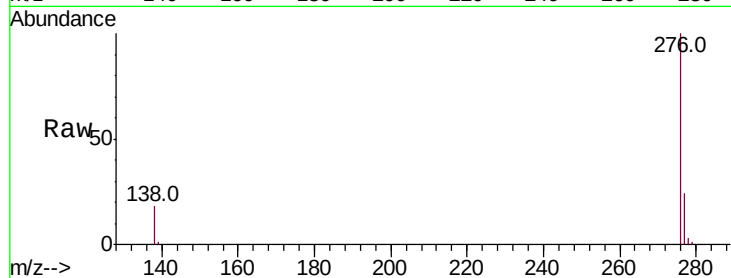
Tot Ion:276 Resp: 73316

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 18.3 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

