

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093707.D
 Acq On : 7 Aug 2017 18:48
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 08 00:47:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3068	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15442	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8817	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	20288	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20729	0.40	ng	0.00
34) Perylene-d12	23.91	264	18276	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	3782	0.38	ng	0.00
5) Phenol-d6	7.09	99	5675	0.37	ng	0.00
8) Nitrobenzene-d5	9.06	82	4671	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9887	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	761	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	14208	0.41	ng	0.00
25) Fluoranthene-d10	19.27	212	87916	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	14980	0.41	ng	0.00

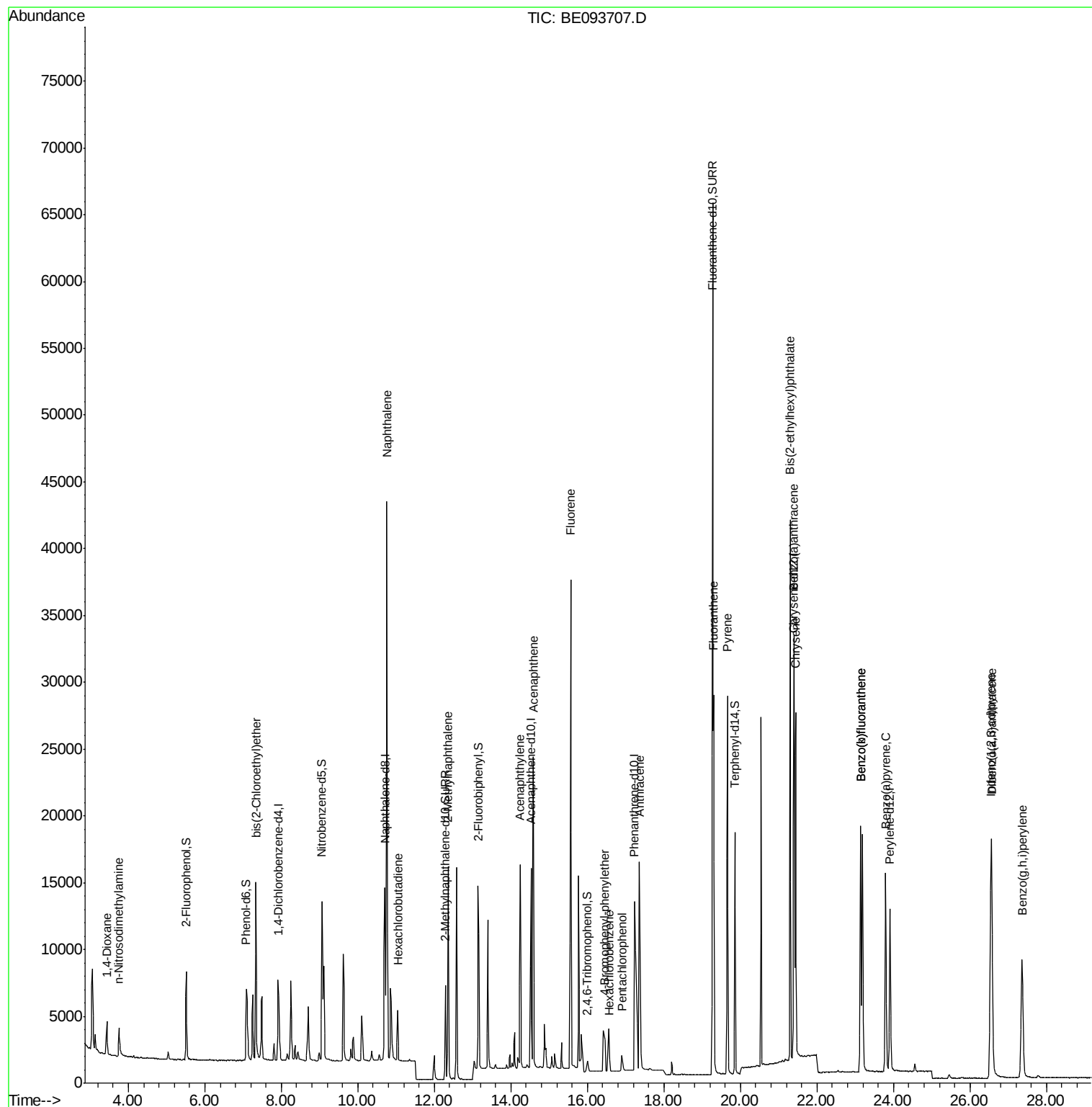
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1819	0.394	ng	93
3) n-Nitrosodimethylamine	3.75	42	1941	0.405	ng	95
6) bis(2-Chloroethyl)ether	7.34	93	4564	0.389	ng	# 98
9) Naphthalene	10.76	128	69716	0.394	ng	100
10) Hexachlorobutadiene	11.04	225	2605	0.396	ng	98
12) 2-Methylnaphthalene	12.36	142	11724	0.393	ng	96
16) Acenaphthylene	14.24	152	17160	0.387	ng	# 87
17) Acenaphthene	14.58	154	11951	0.400	ng	99
18) Fluorene	15.56	166	15262	0.395	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	2484	0.433	ng	92
21) Hexachlorobenzene	16.58	284	2568	0.419	ng	# 100
22) Pentachlorophenol	16.91	266	1291	0.301	ng	98
24) Anthracene	17.36	178	41937	0.639	ng	# 91
26) Fluoranthene	19.30	202	26745	0.377	ng	99
28) Pyrene	19.66	202	27232	0.401	ng	# 99
30) Benzo(a)anthracene	21.39	228	25042	0.381	ng	95
31) Chrysene	21.45	228	27285	0.406	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	41369	0.293	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	26402	0.408	ng	94
35) Benzo(b)fluoranthene	23.14	252	26018	0.410	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	26018	0.411	ng	95
37) Benzo(a)pyrene	23.80	252	24014	0.402	ng	96
38) Dibenzo(a,h)anthracene	26.57	278	22660	0.405	ng	# 88
39) Benzo(g,h,i)perylene	27.36	276	22342	0.398	ng	93

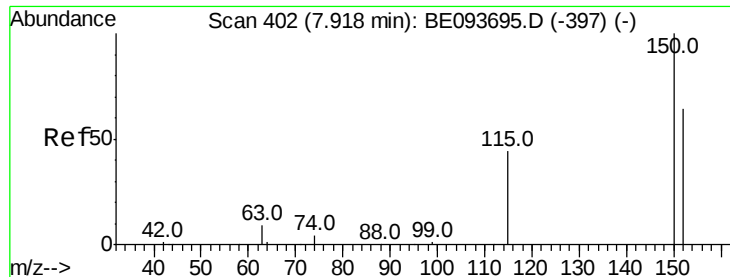
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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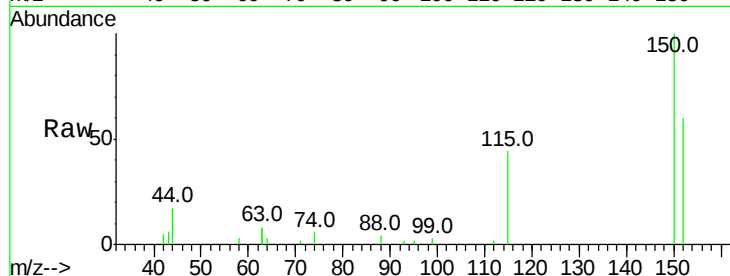


#1

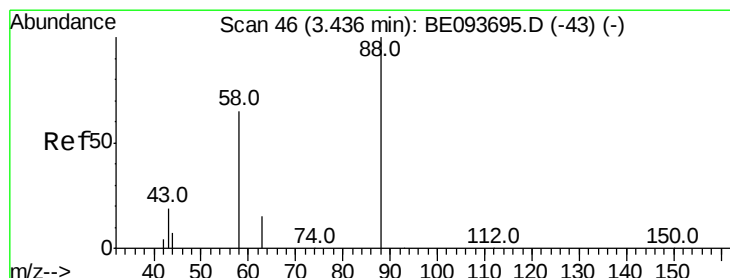
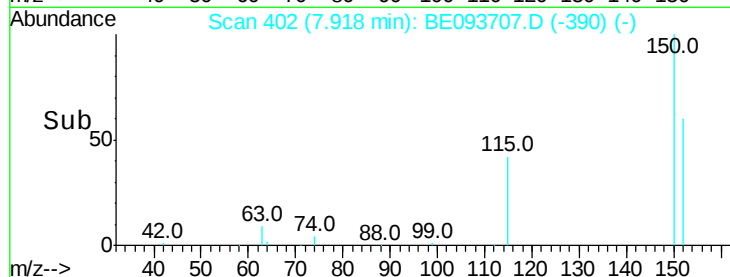
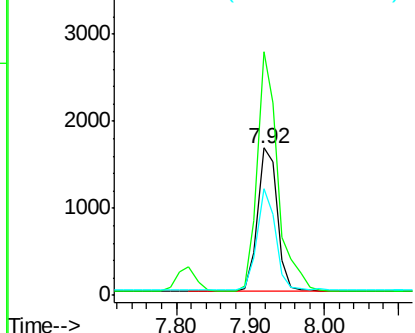
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 3068
Ion Ratio Lower Upper
152 100
150 165.4 125.1 187.7
115 72.0 55.7 83.5



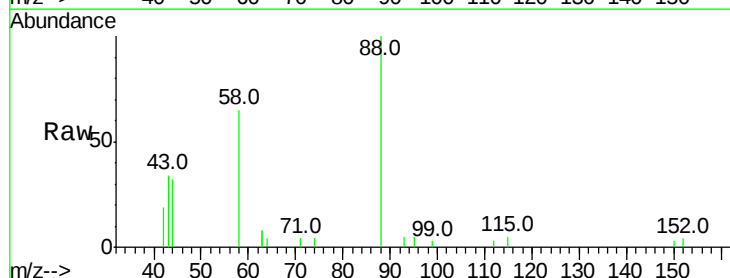
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



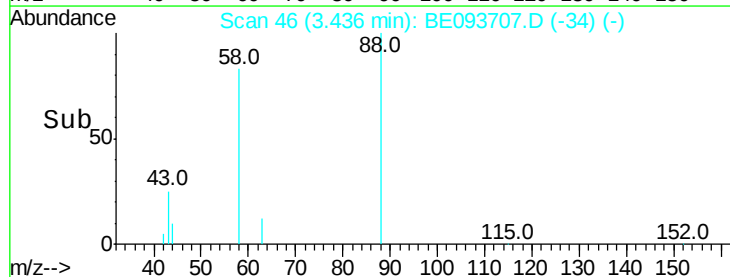
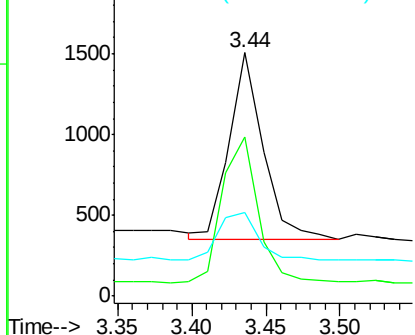
#2

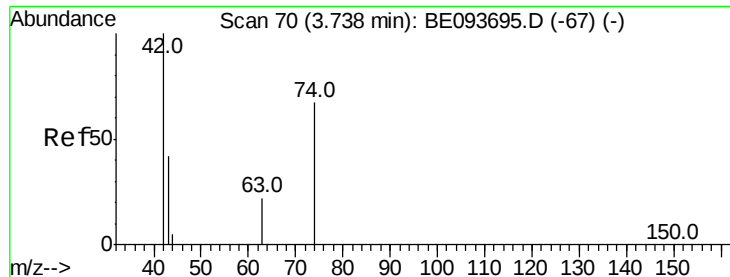
1,4-Dioxane
Concen: 0.394 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion: 88 Resp: 1819
Ion Ratio Lower Upper
88 100
58 83.8 62.2 93.4
43 31.9 23.2 34.8



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: 0.405 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

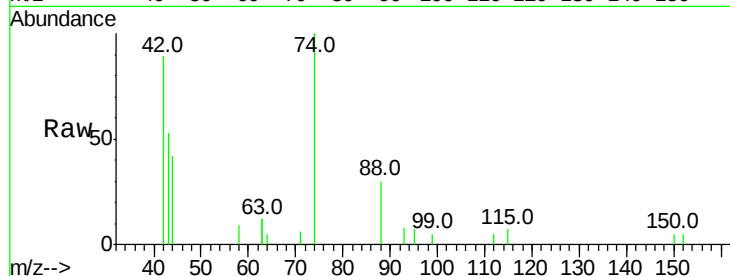
Tot Ion: 42 Resp: 1941

Ion Ratio Lower Upper

42 100

74 117.8 99.1 148.7

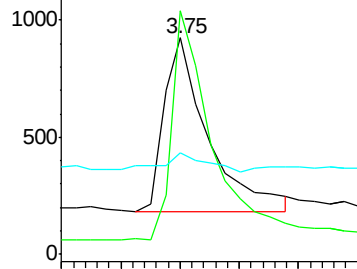
44 10.4 7.4 11.2



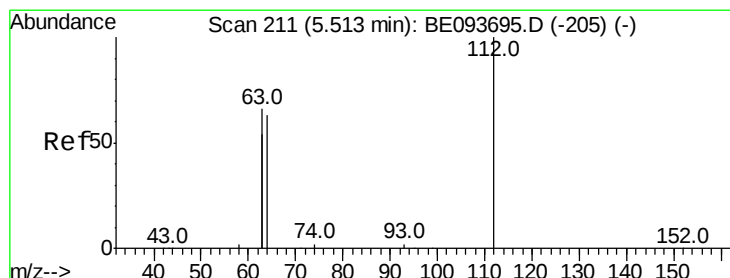
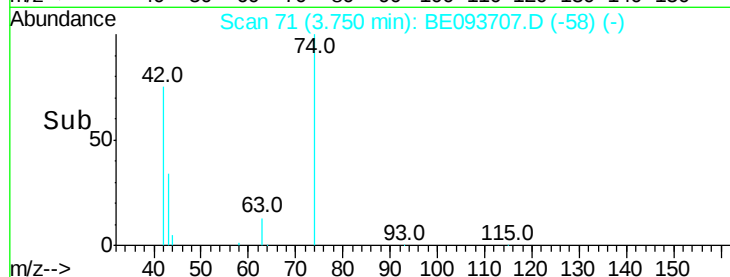
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.65 3.70 3.75 3.80 3.85



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

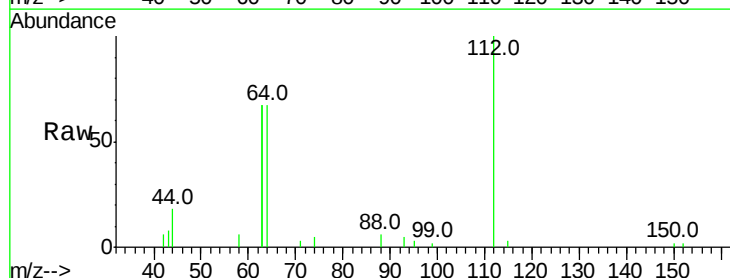
Tgt Ion: 112 Resp: 3782

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

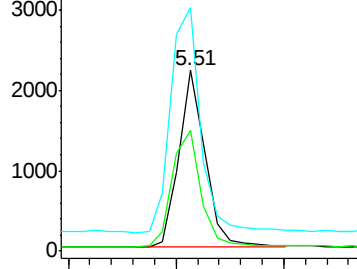
63 141.7 29.3 43.9#



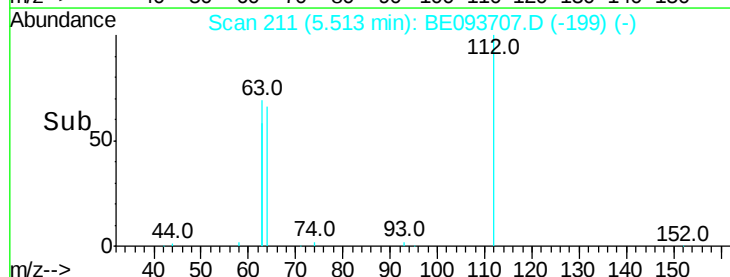
Abundance Ion 112.00 (111.70 to 112.70): E

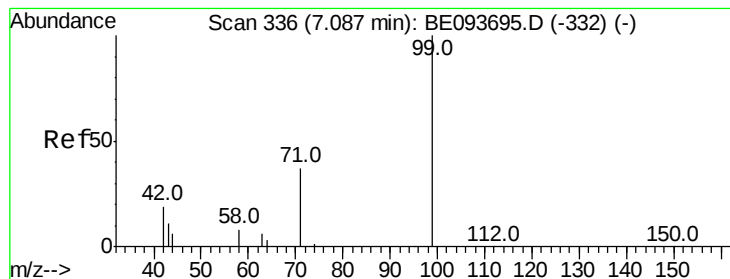
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.40 5.50 5.60





#5

Phenol-d6

Concen: 0.374 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

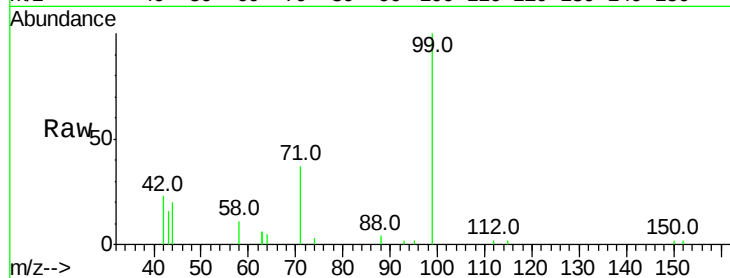
Tot Ion: 99 Resp: 5675

Ion Ratio Lower Upper

99 100

42 19.5 0.0 0.0#

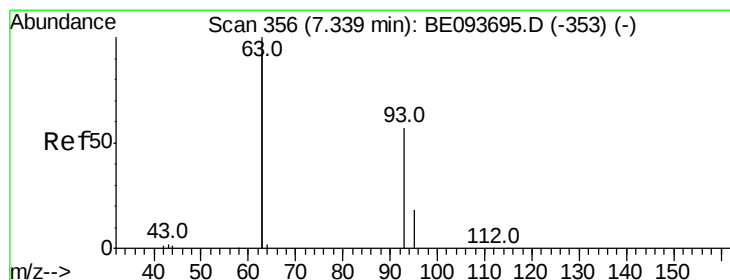
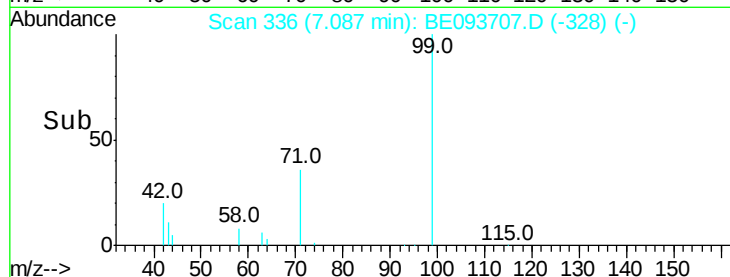
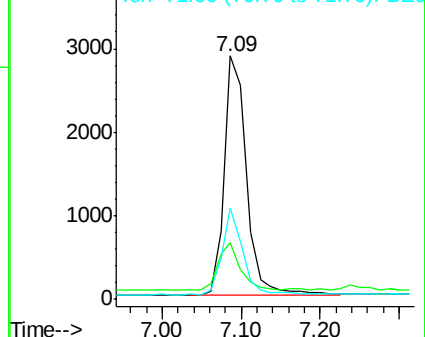
71 32.8 0.0 0.0#



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: 0.389 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

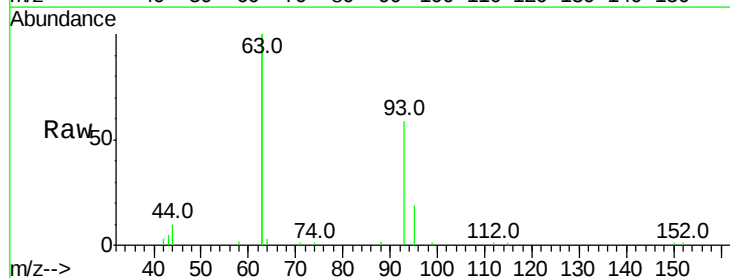
Tgt Ion: 93 Resp: 4564

Ion Ratio Lower Upper

93 100

63 358.5 0.0 0.0#

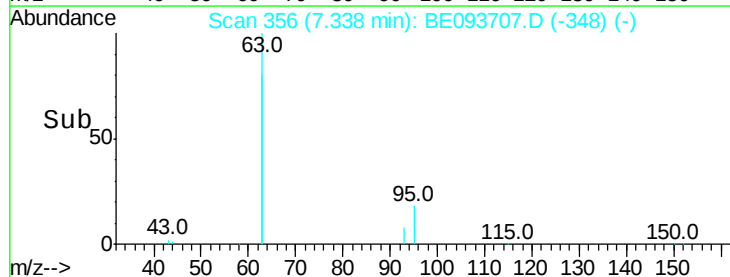
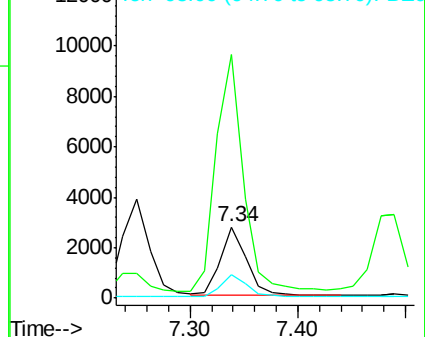
95 32.7 25.4 38.0

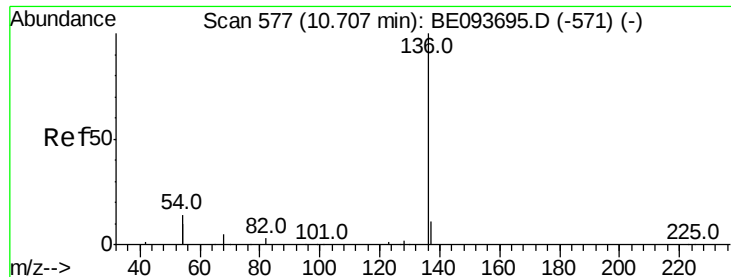


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15442

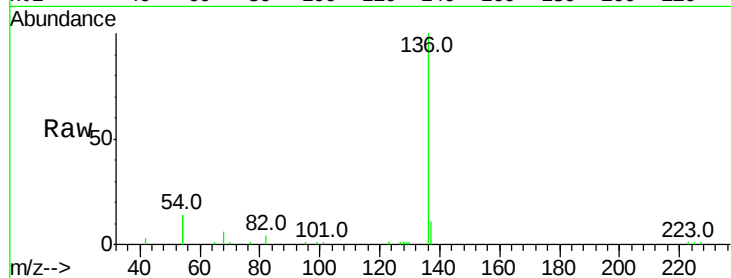
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 27.5 10.3 15.5#

68 5.9 9.0 13.4#

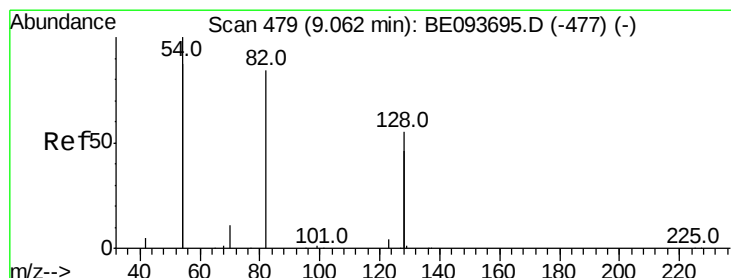
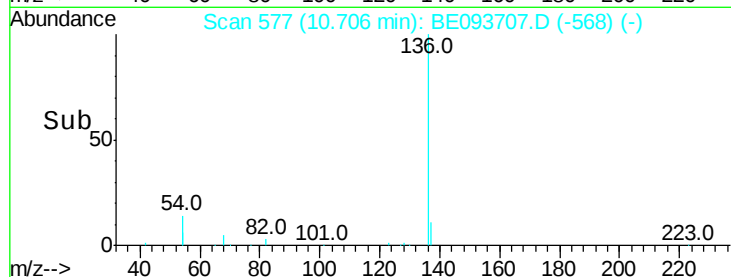
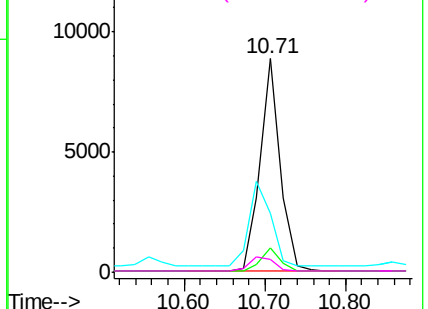


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

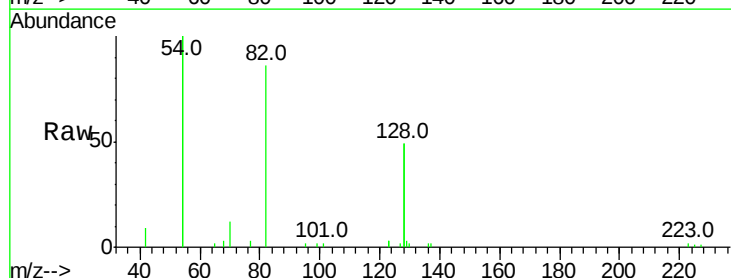
Tgt Ion: 82 Resp: 4671

Ion Ratio Lower Upper

82 100

128 115.7 17.0 25.4#

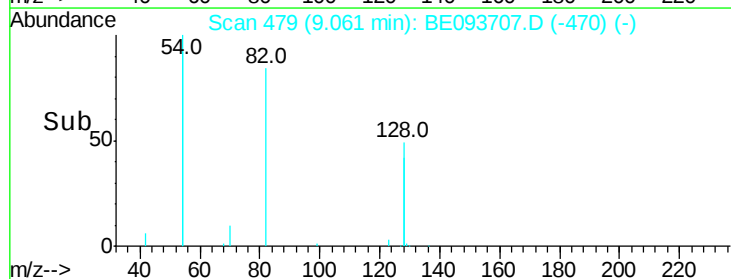
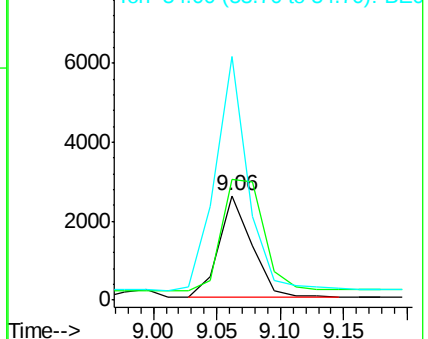
54 233.8 53.8 80.6#

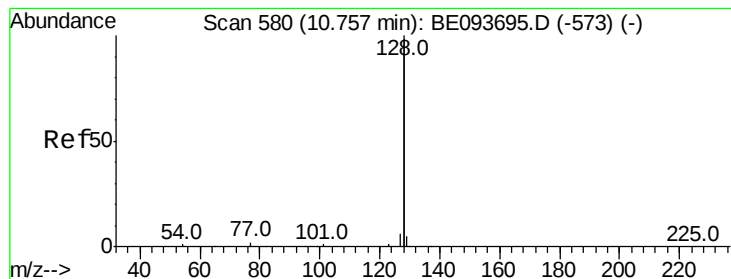


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

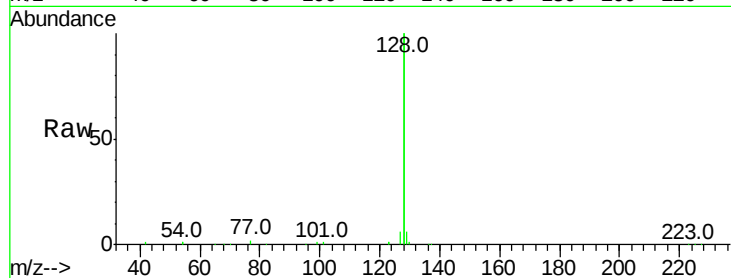
Tot Ion:128 Resp: 69716

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

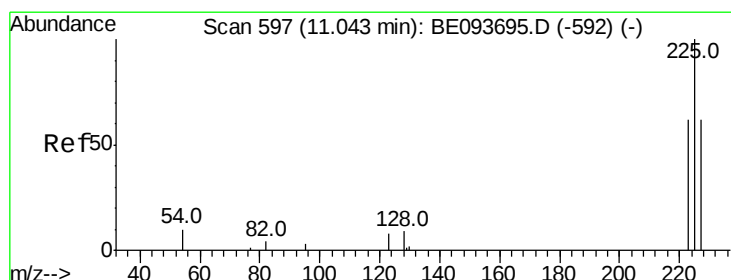
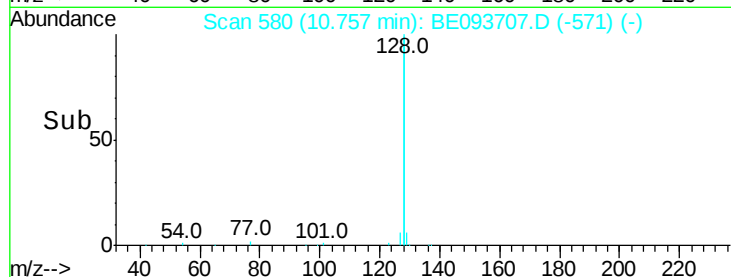
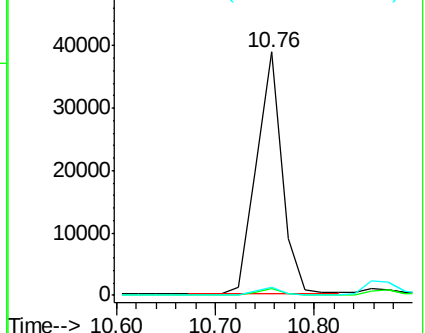
127 3.2 2.4 3.6



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: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

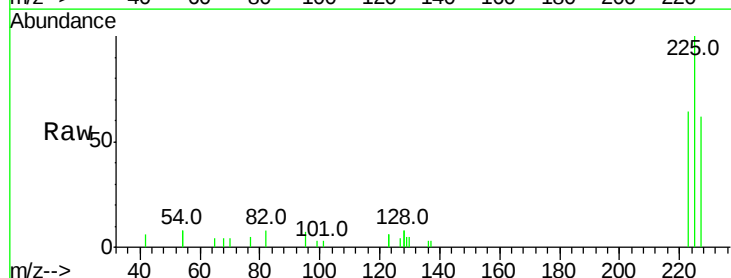
Tgt Ion:225 Resp: 2605

Ion Ratio Lower Upper

225 100

223 64.1 49.7 74.5

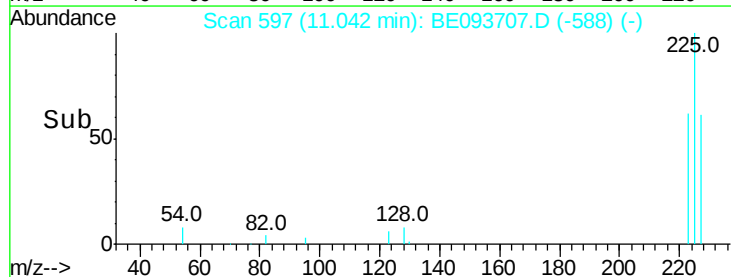
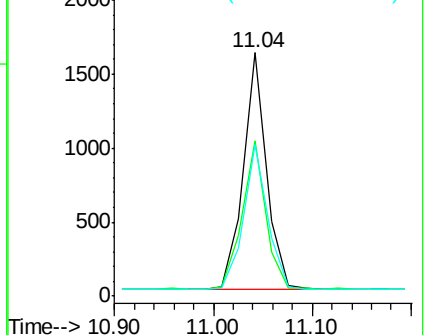
227 63.3 50.3 75.5

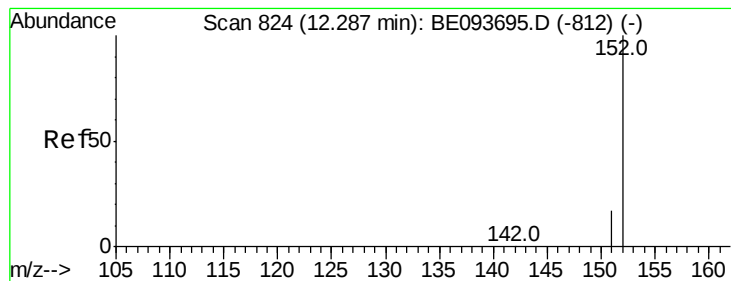


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

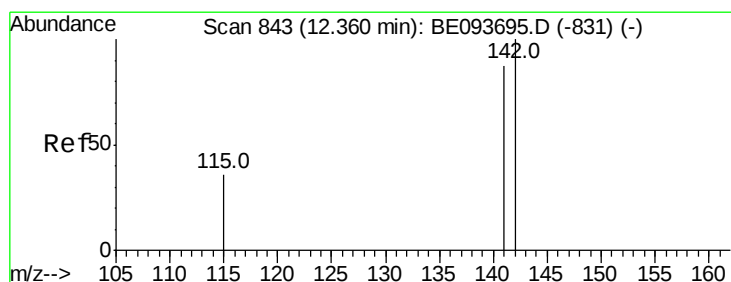
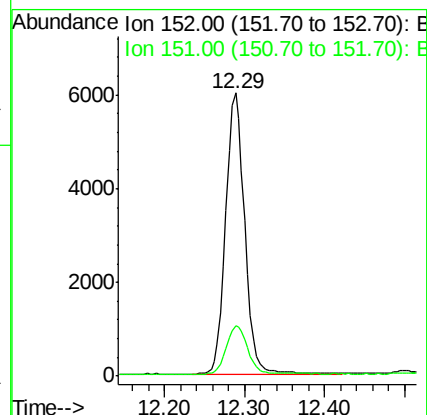
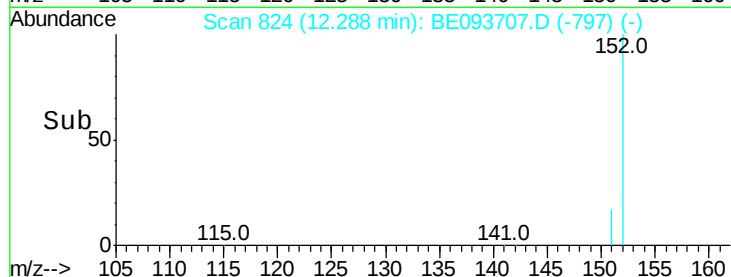
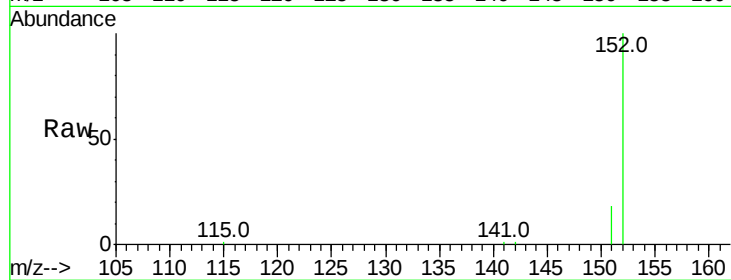
SSTDCCC0.4EC

Tot Ion:152 Resp: 9887

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

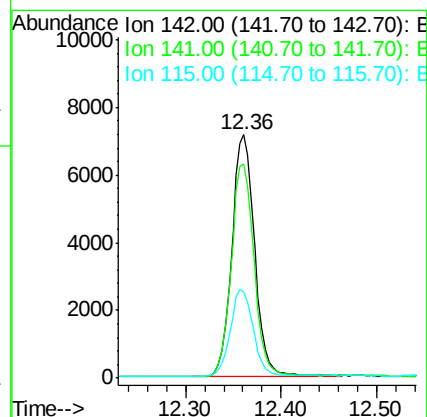
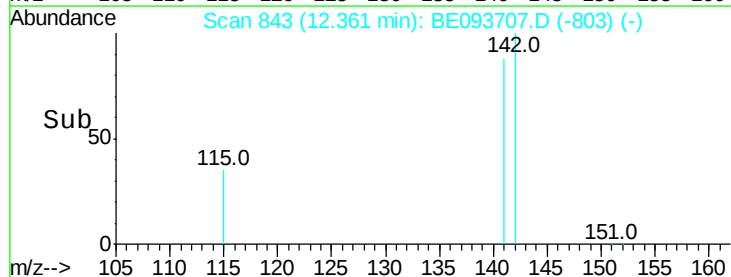
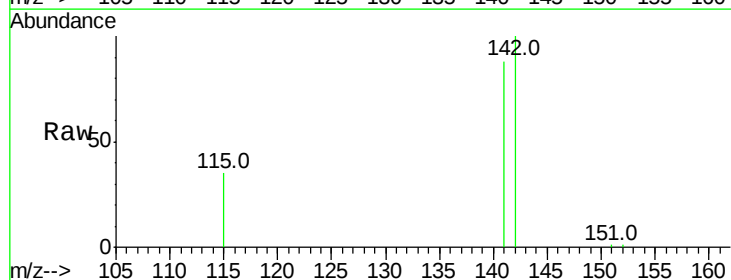
Tgt Ion:142 Resp: 11724

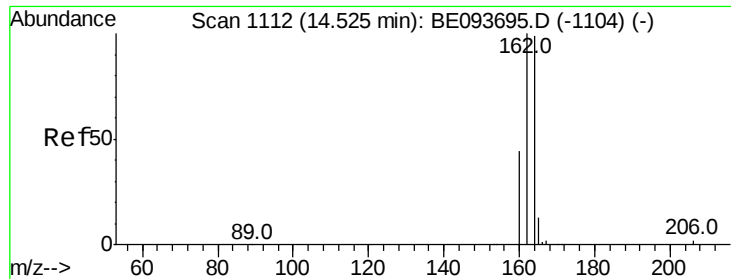
Ion Ratio Lower Upper

142 100

141 88.2 72.6 108.8

115 35.5 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

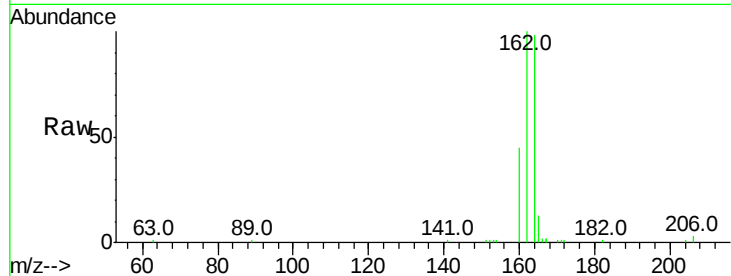
Tot Ion:164 Resp: 8817

Ion Ratio Lower Upper

164 100

162 102.2 84.6 127.0

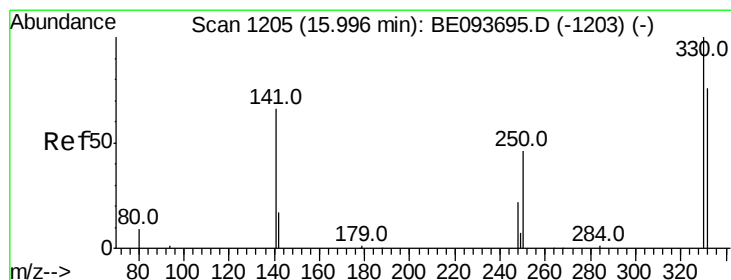
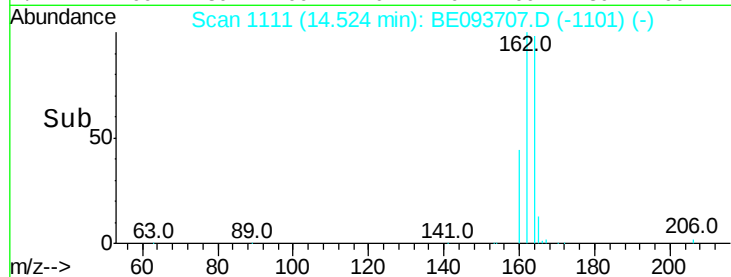
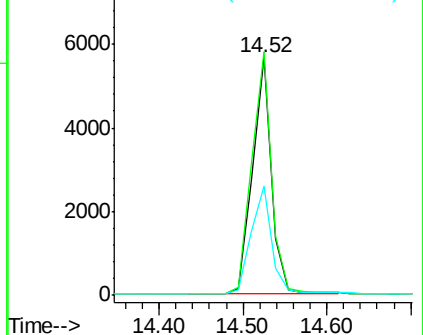
160 45.9 41.8 62.6



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: 0.315 ng

RT: 16.00 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

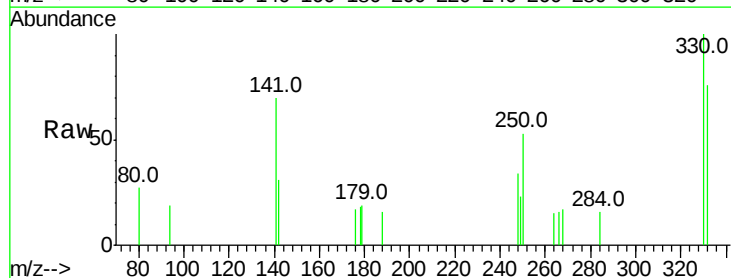
Tgt Ion:330 Resp: 761

Ion Ratio Lower Upper

330 100

332 88.7 77.7 116.5

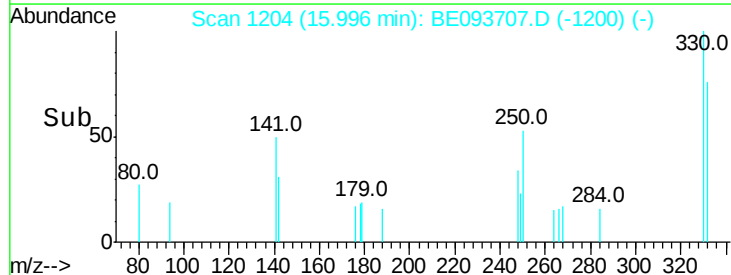
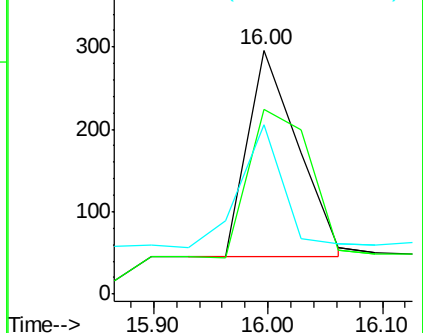
141 51.1 56.2 84.4#

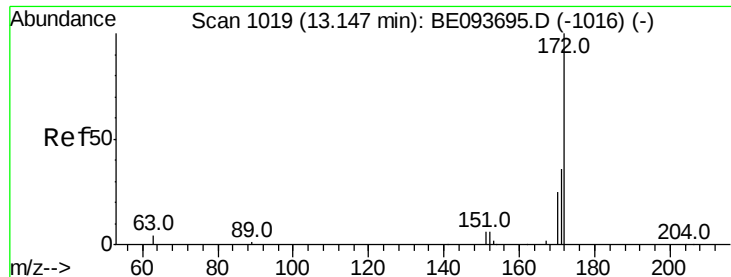


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

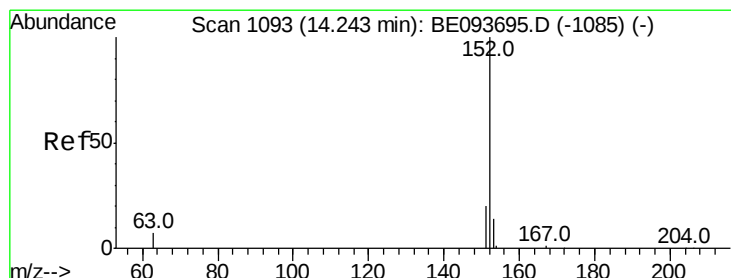
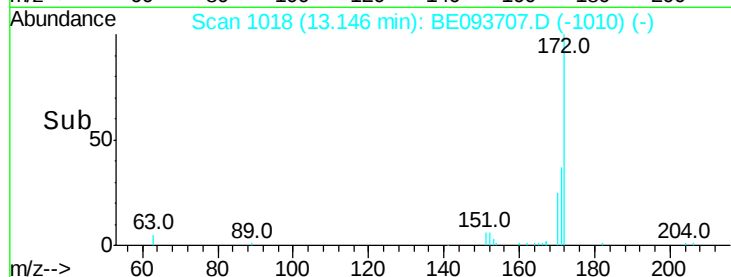
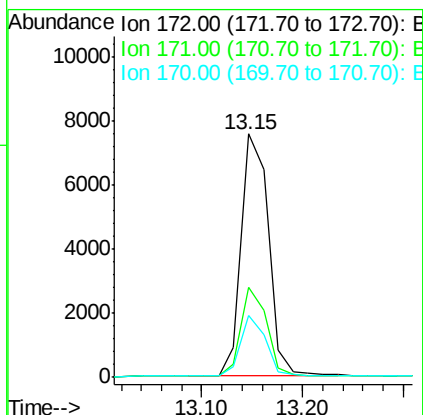
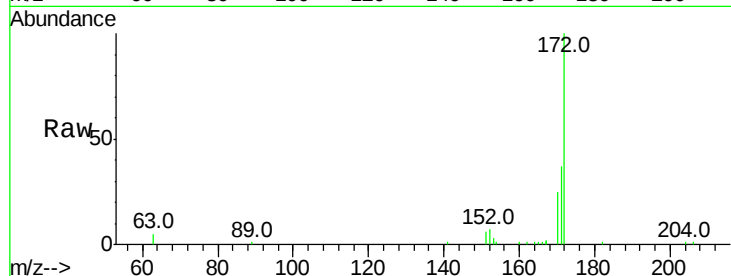




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

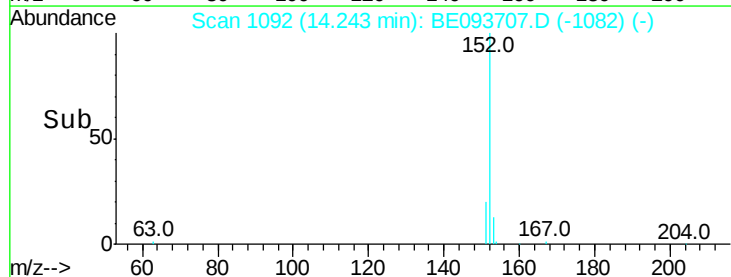
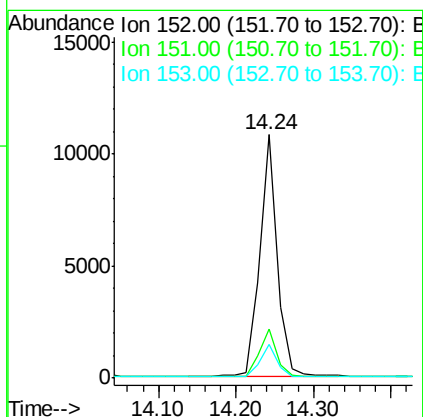
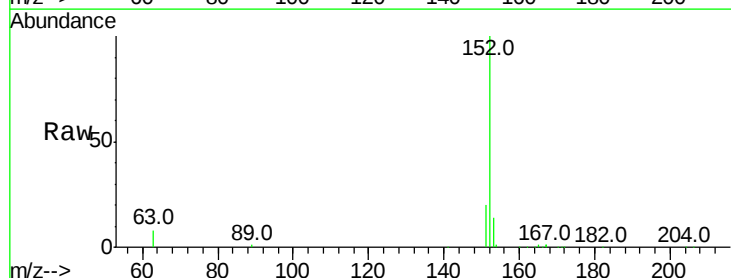
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

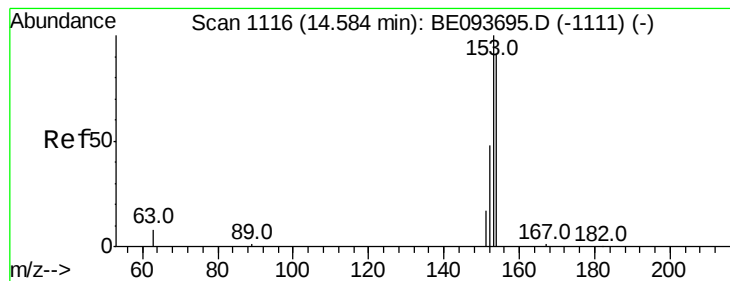
Tot Ion:172 Resp: 14208
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:152 Resp: 17160
Ion Ratio Lower Upper
152 100
151 19.7 4.0 6.0#
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.58 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

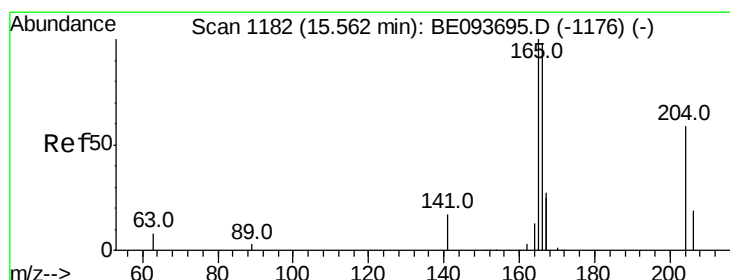
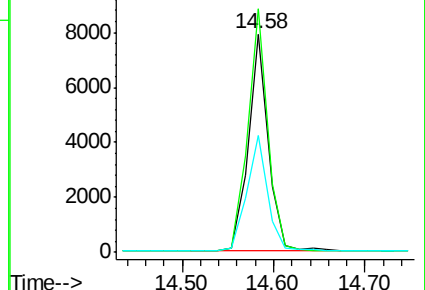
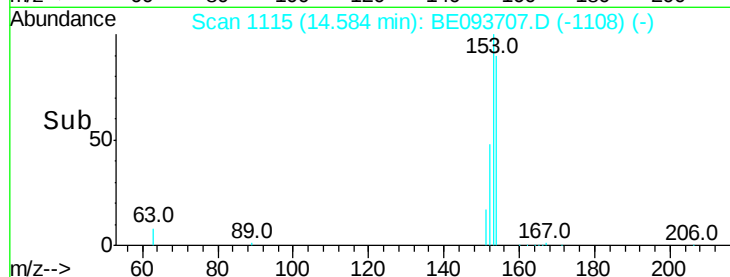
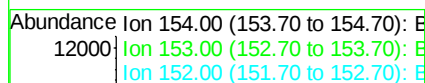
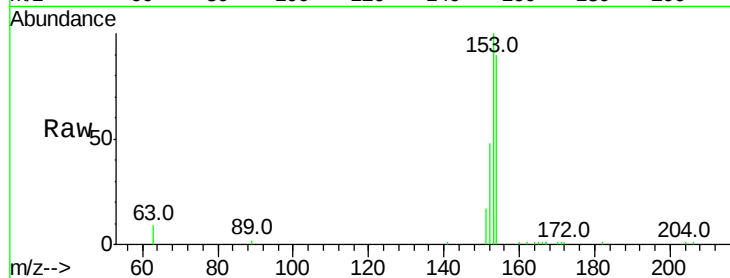
Tot Ion:154 Resp: 11951

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

152 55.4 44.8 67.2



#18

Fluorene

Concen: 0.395 ng

RT: 15.56 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

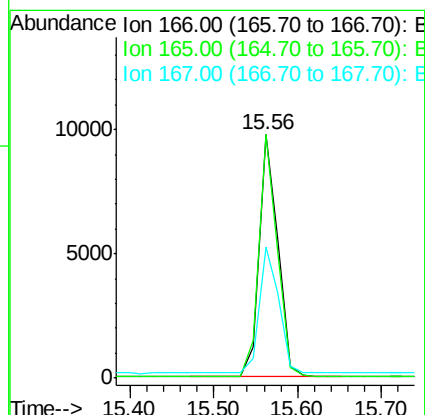
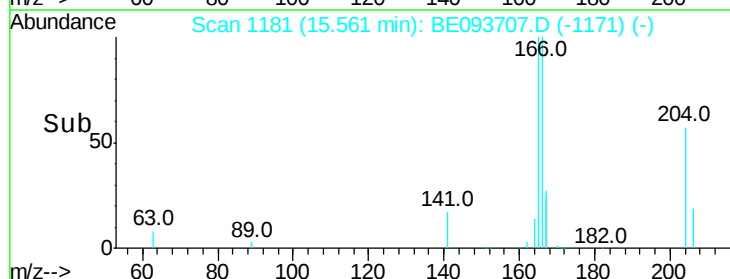
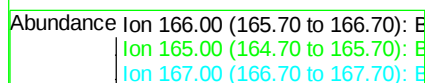
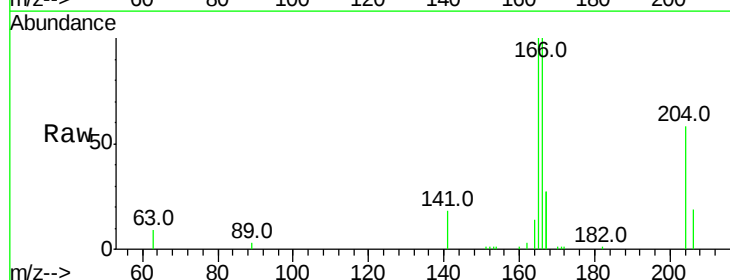
Tgt Ion:166 Resp: 15262

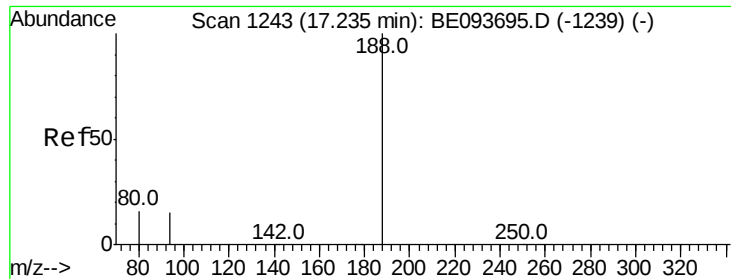
Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

167 54.1 11.1 16.7#

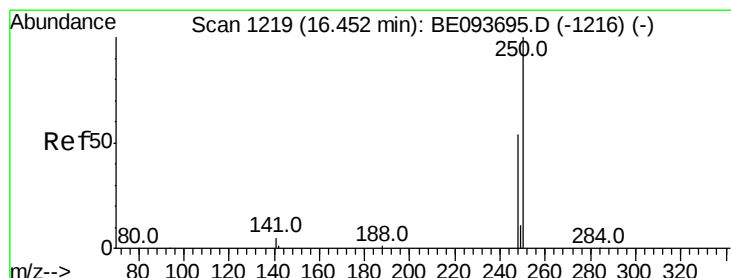
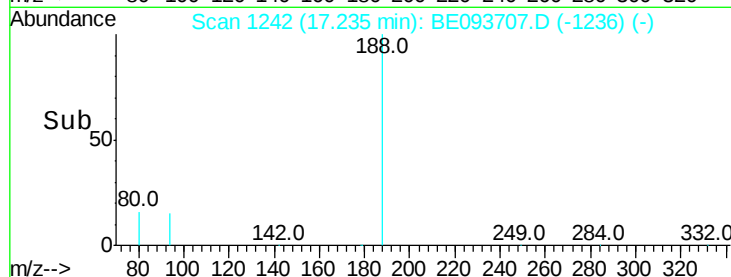
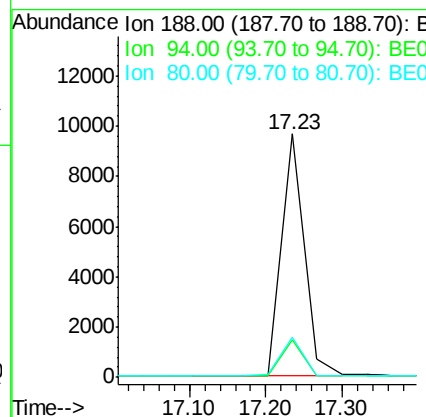
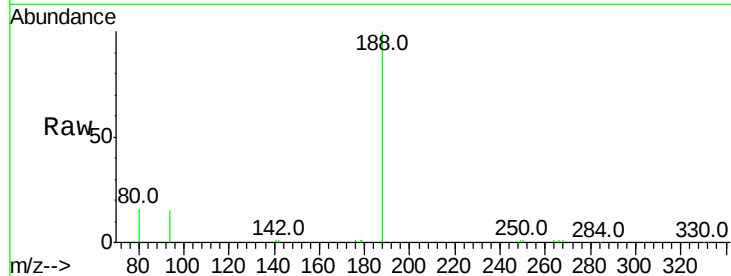




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

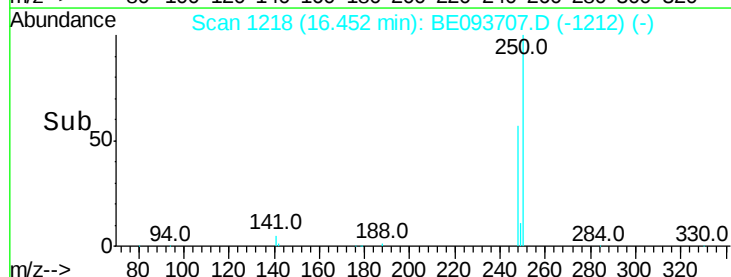
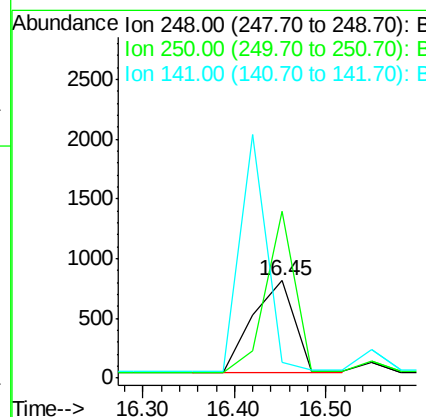
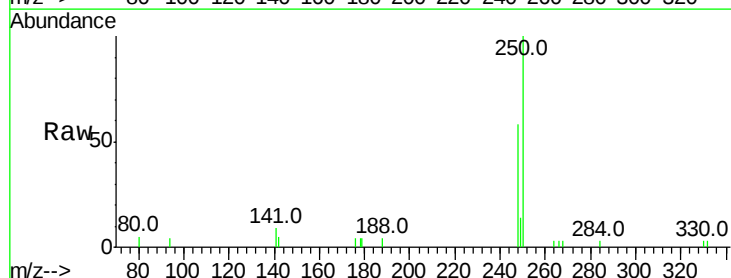
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

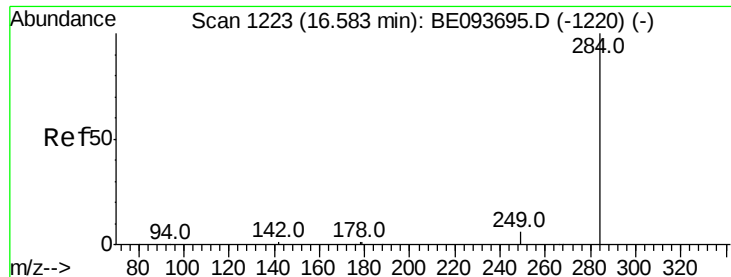
Tot Ion:188 Resp: 20288
Ion Ratio Lower Upper
188 100
94 15.5 11.3 16.9
80 16.4 11.7 17.5



#20
4-Bromophenyl-phenylether
Concen: 0.433 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:248 Resp: 2484
Ion Ratio Lower Upper
248 100
250 171.7 128.0 192.0
141 16.2 12.0 18.0





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

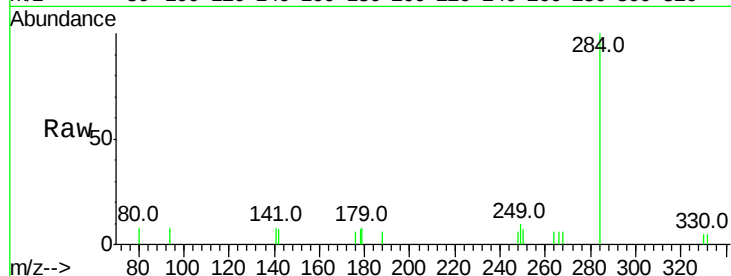
Tot Ion:284 Resp: 2568

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

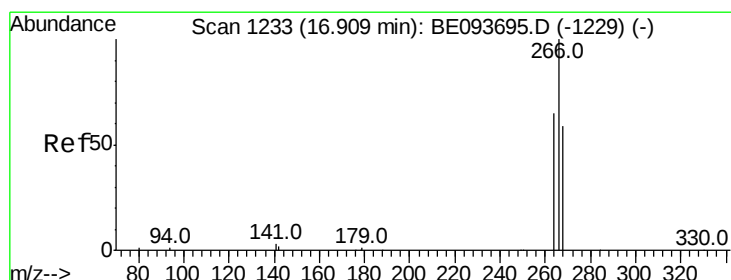
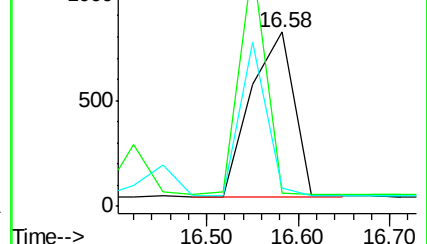
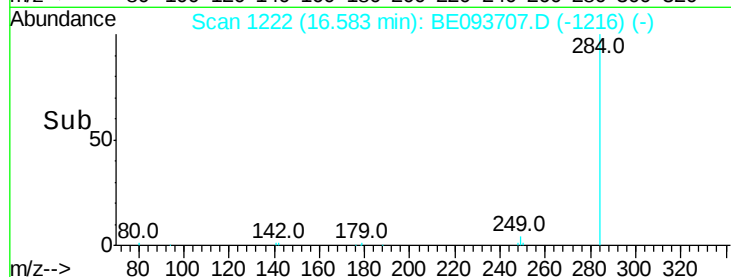
249 0.0 0.0 0.0



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: 0.301 ng

RT: 16.91 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

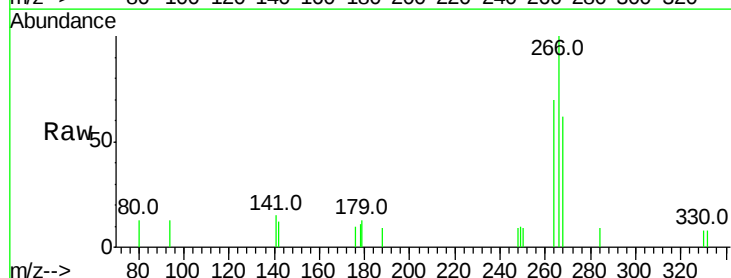
Tgt Ion:266 Resp: 1291

Ion Ratio Lower Upper

266 100

264 70.1 56.0 84.0

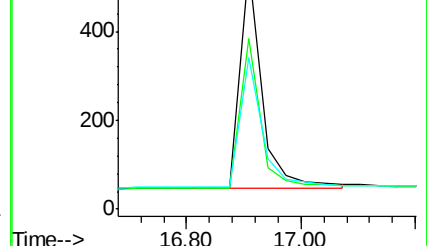
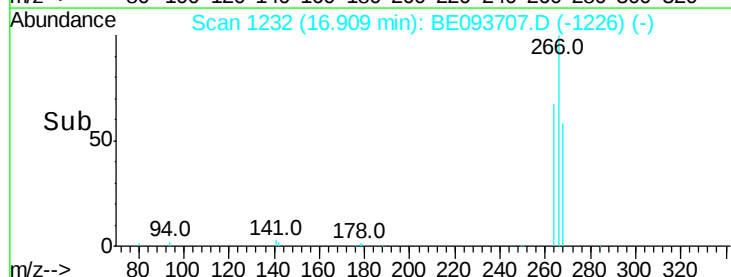
268 62.0 52.0 78.0

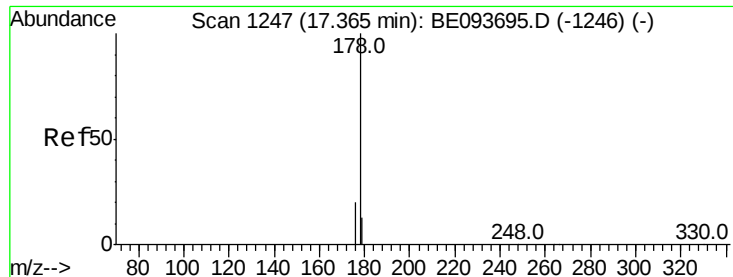


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.639 ng

RT: 17.36 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

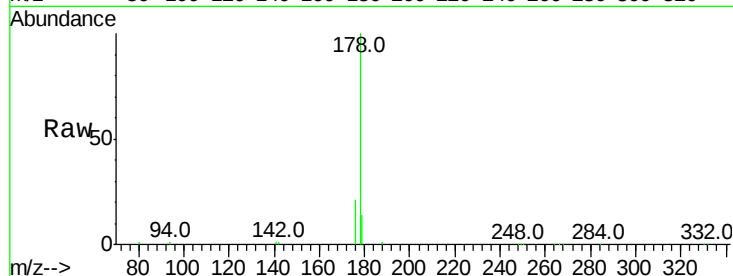
Tot Ion:178 Resp: 41937

Ion Ratio Lower Upper

178 100

176 11.8 14.6 22.0#

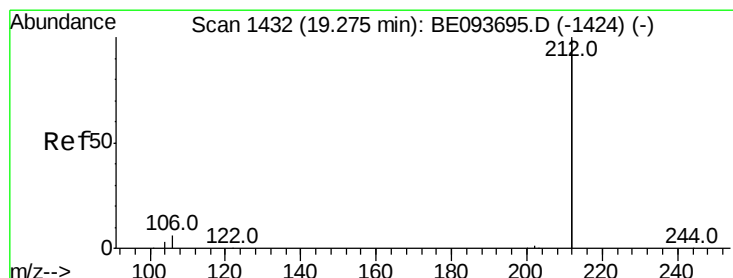
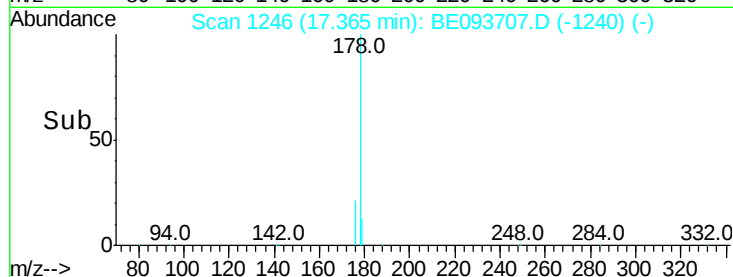
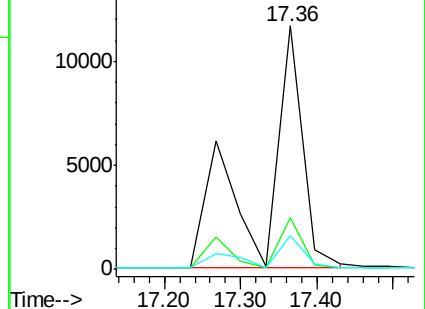
179 14.0 12.0 18.0



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: 0.380 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

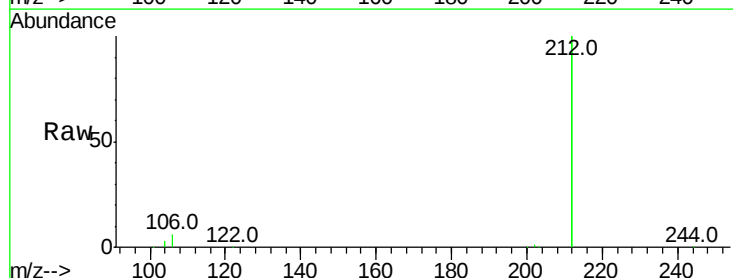
Tgt Ion:212 Resp: 87916

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

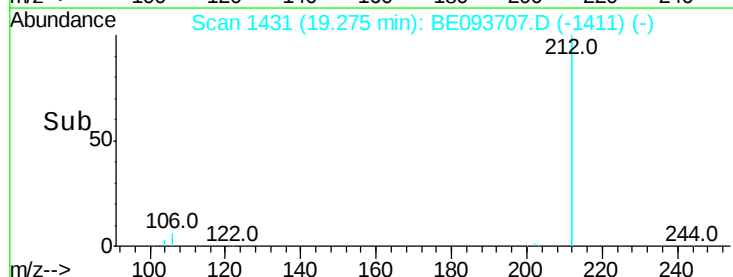
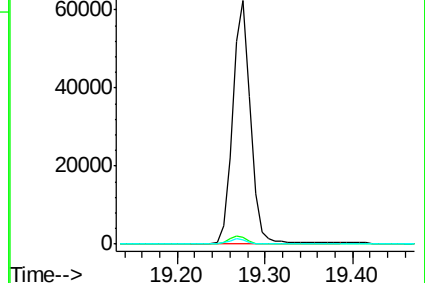
104 1.9 1.6 2.4

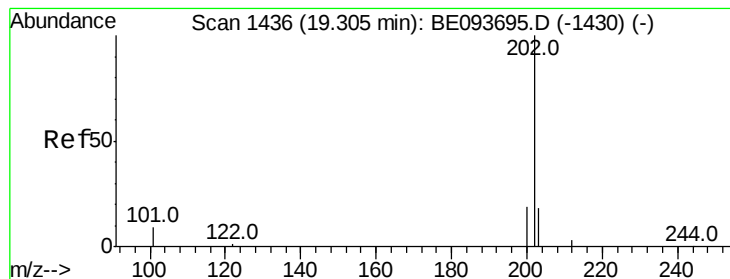


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.377 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

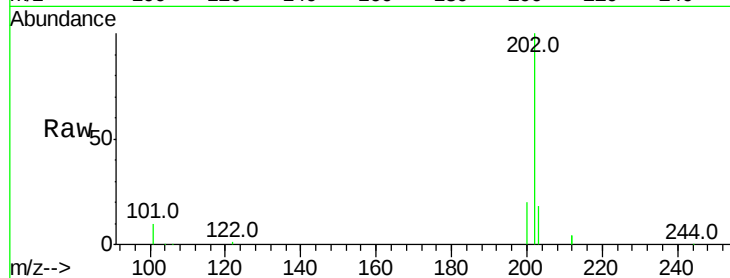
Tot Ion:202 Resp: 26745

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

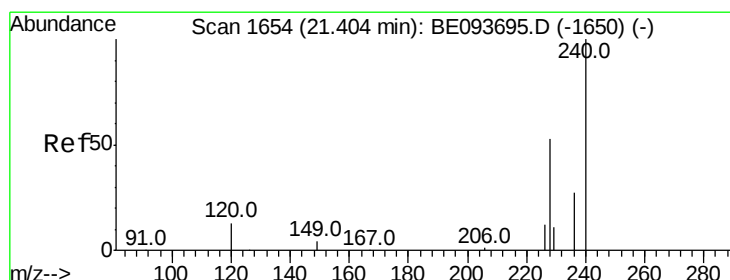
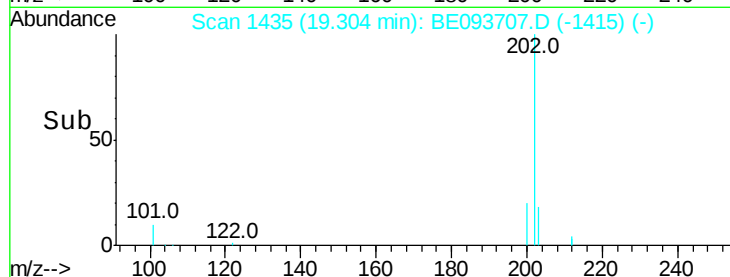
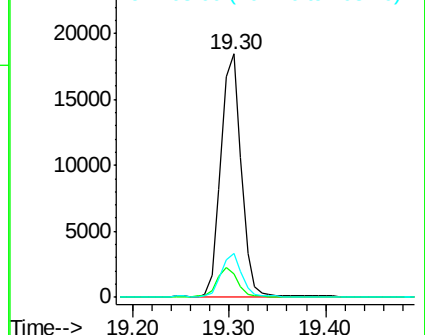
203 17.4 14.4 21.6



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: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

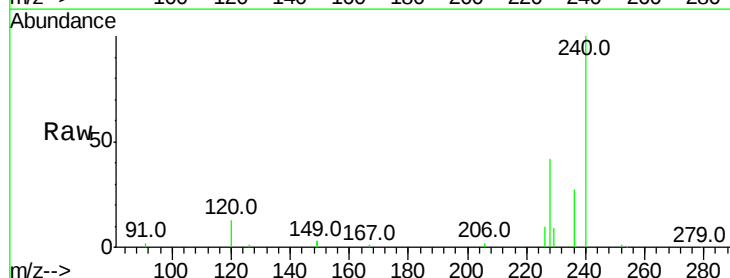
Tgt Ion:240 Resp: 20729

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

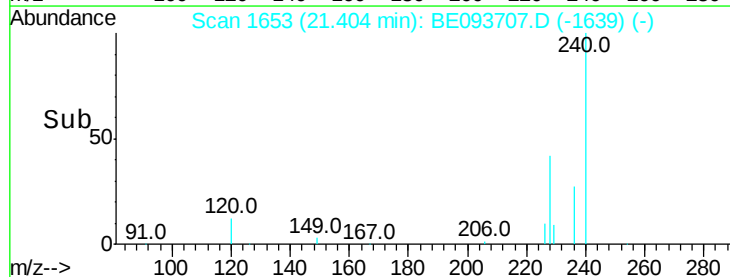
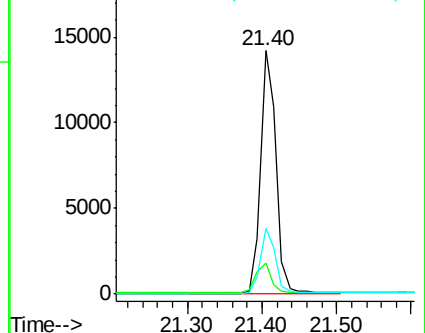
236 27.2 20.8 31.2

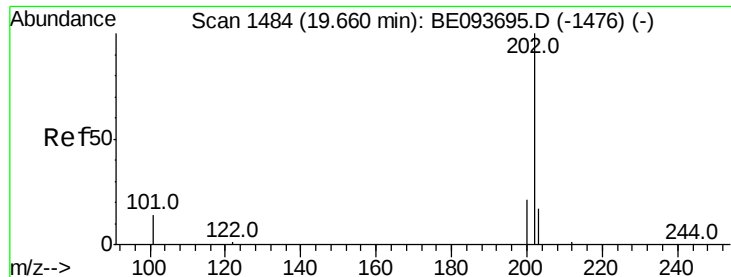


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

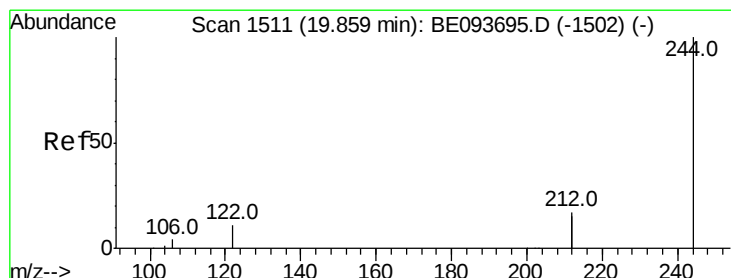
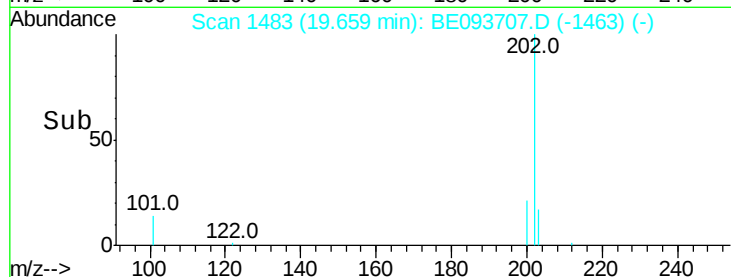
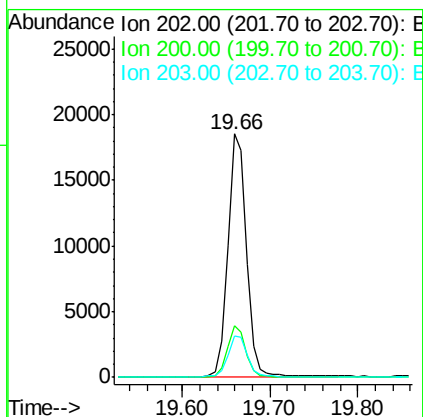
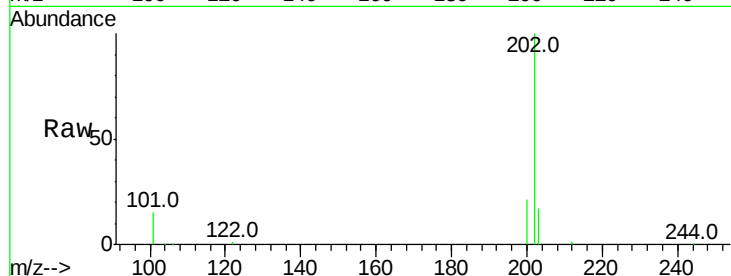




#28
Pvrene
Concen: 0.401 ng
RT: 19.66 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

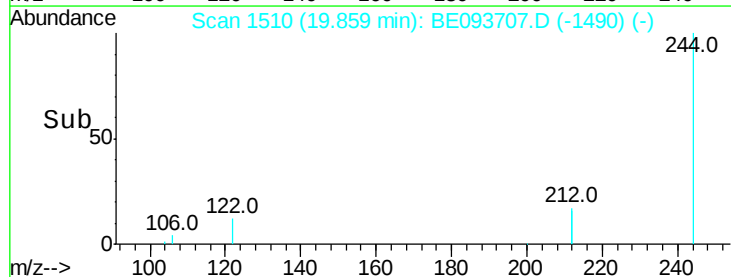
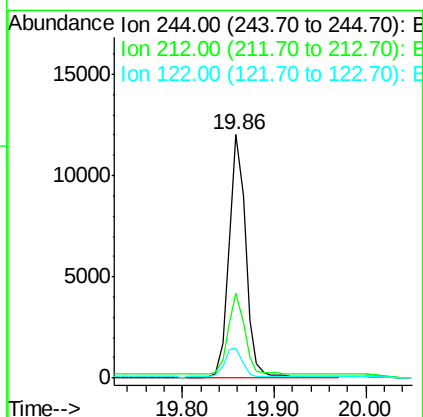
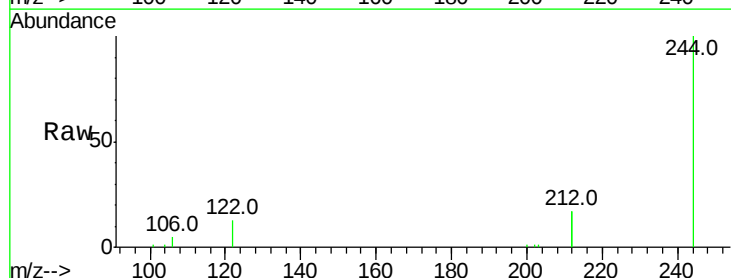
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

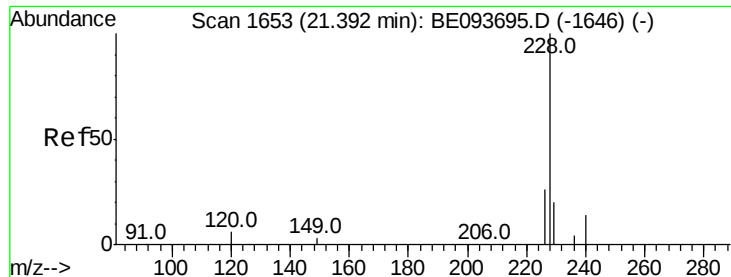
Tot Ion:202 Resp: 27232
Ion Ratio Lower Upper
202 100
200 20.8 0.0 0.0#
203 17.5 13.7 20.5



#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.86 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:244 Resp: 14980
Ion Ratio Lower Upper
244 100
212 34.9 10.6 16.0#
122 12.5 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.39 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

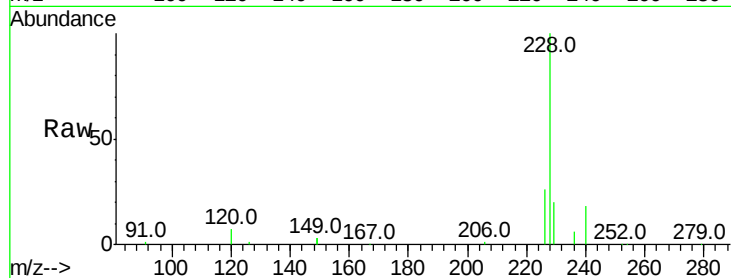
Tot Ion:228 Resp: 25042

Ion Ratio Lower Upper

228 100

226 26.0 19.7 29.5

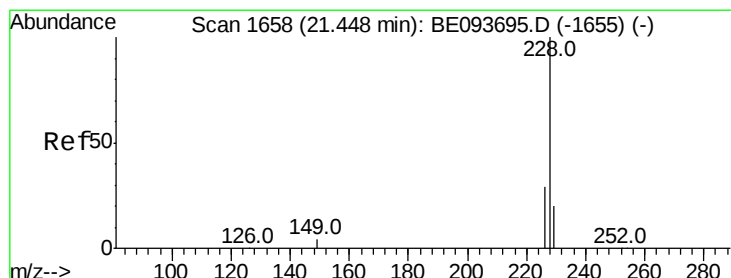
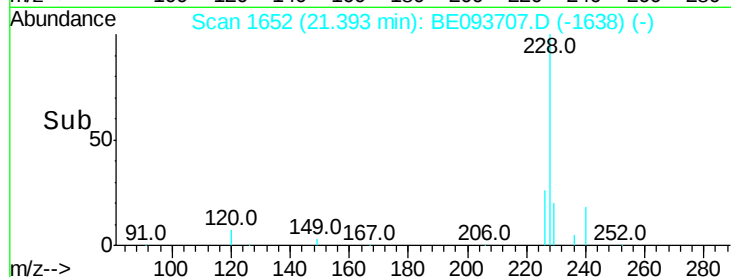
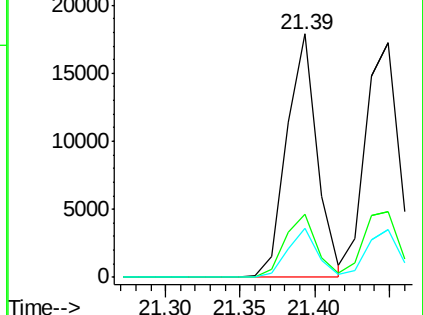
229 20.3 19.2 28.8



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: 0.406 ng

RT: 21.45 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

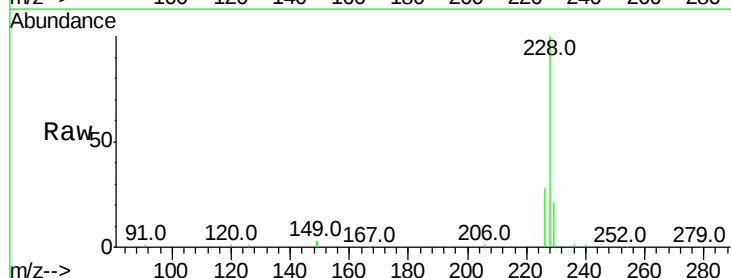
Tgt Ion:228 Resp: 27285

Ion Ratio Lower Upper

228 100

226 28.3 21.5 32.3

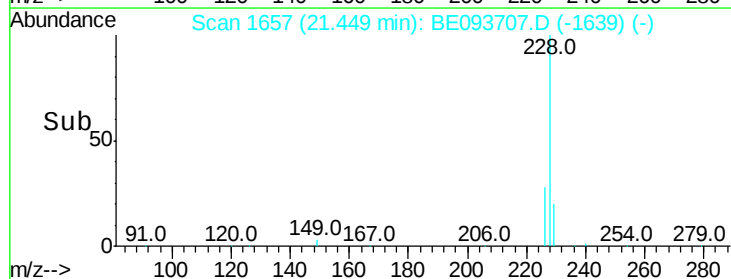
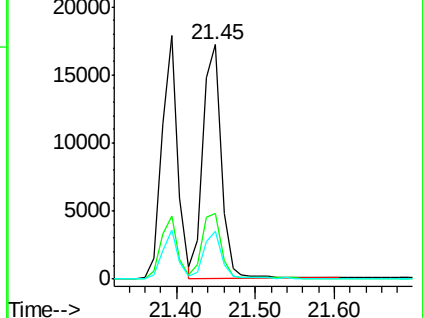
229 20.7 18.6 28.0

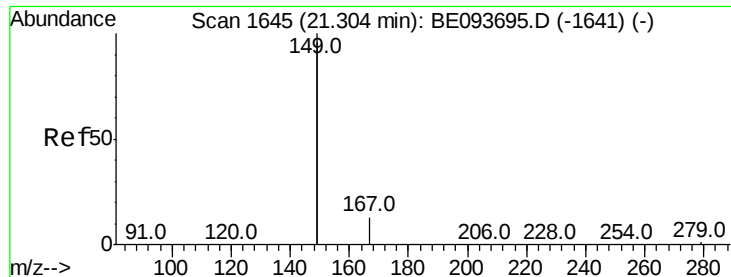


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

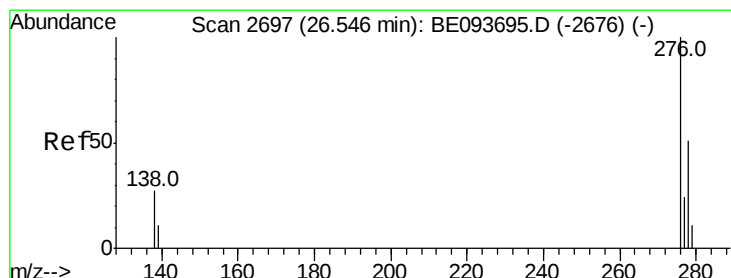
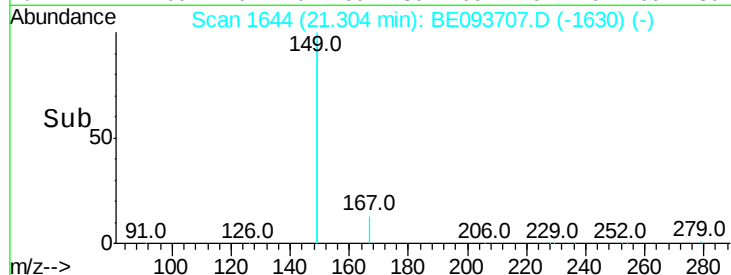
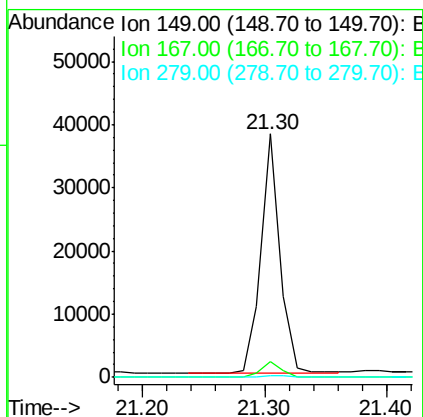
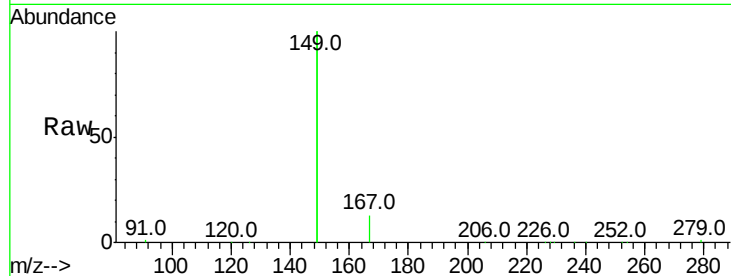




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.293 ng
 RT: 21.30 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BE093707.D
 Acq: 7 Aug 2017 18:48

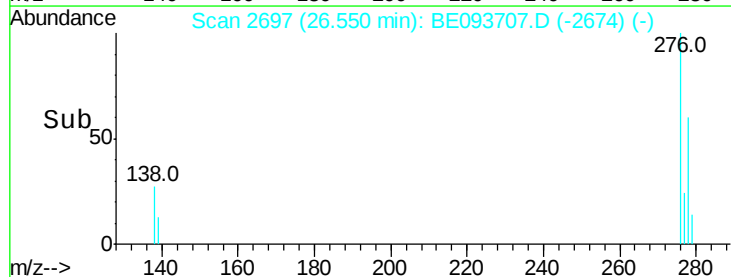
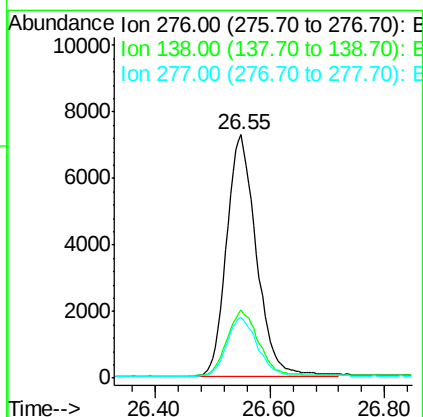
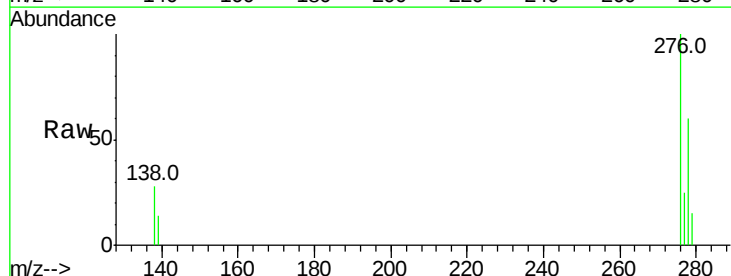
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

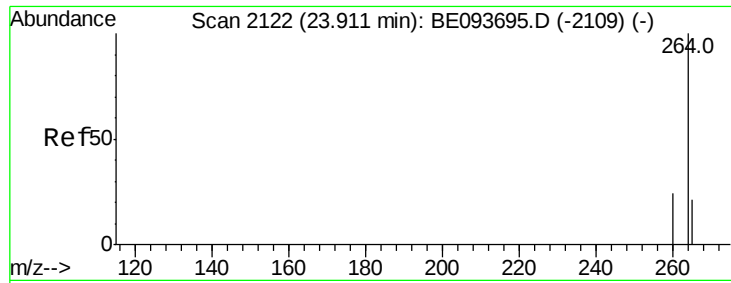
Tot Ion:149 Resp: 41369
 Ion Ratio Lower Upper
 149 100
 167 6.7 4.8 7.2
 279 0.9 0.8 1.2



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 26.55 min Scan# 2697
 Delta R.T. 0.00 min
 Lab File: BE093707.D
 Acq: 7 Aug 2017 18:48

Tgt Ion:276 Resp: 26402
 Ion Ratio Lower Upper
 276 100
 138 28.5 27.4 41.2
 277 24.8 20.1 30.1

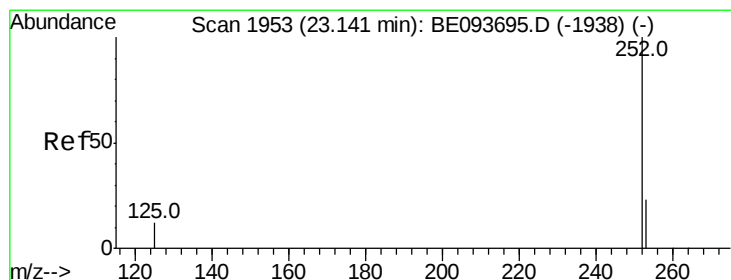
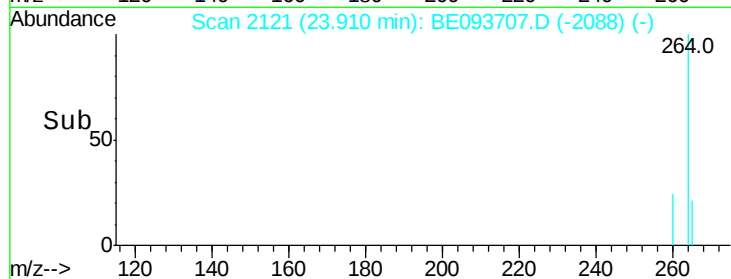
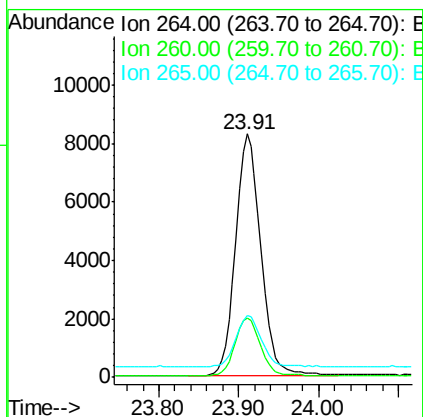
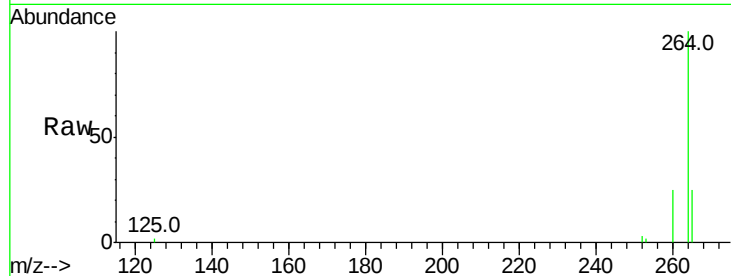




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

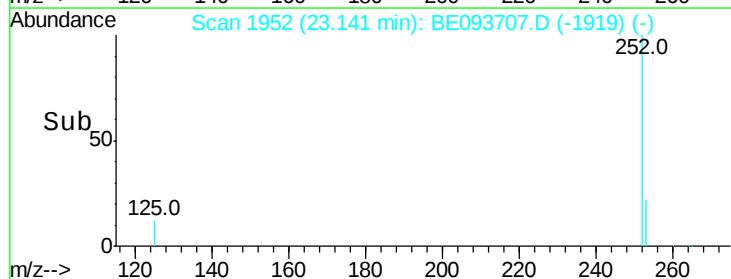
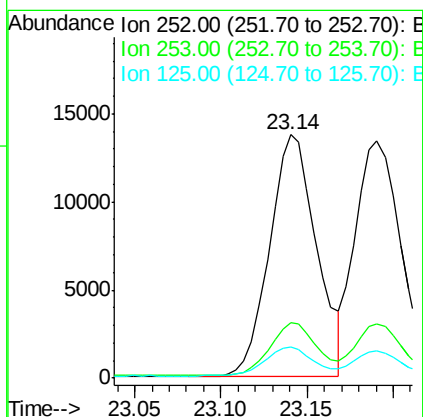
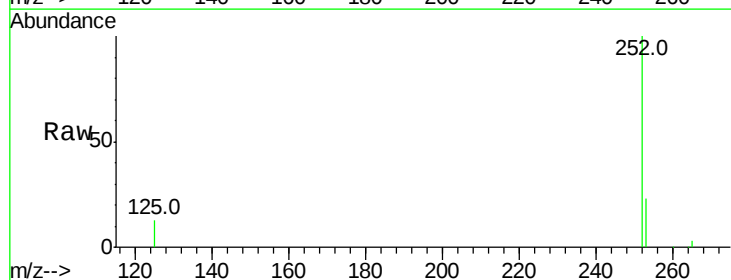
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

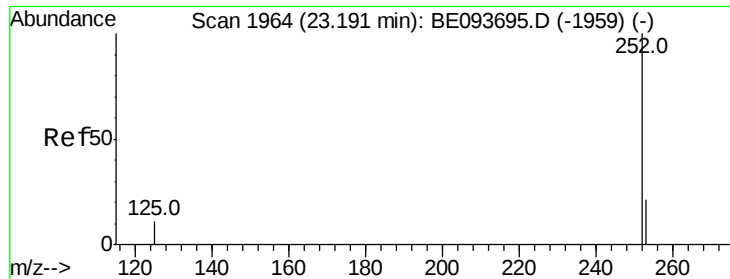
Tot Ion:264 Resp: 18276
Ion Ratio Lower Upper
264 100
260 24.5 21.0 31.4
265 25.2 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:252 Resp: 26018
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 12.6 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.411 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.05 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

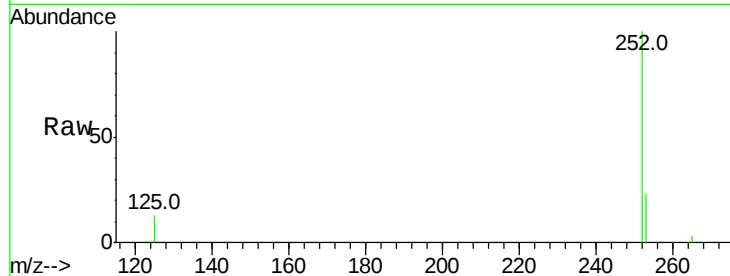
Tot Ion:252 Resp: 26018

Ion Ratio Lower Upper

252 100

253 23.0 20.3 30.5

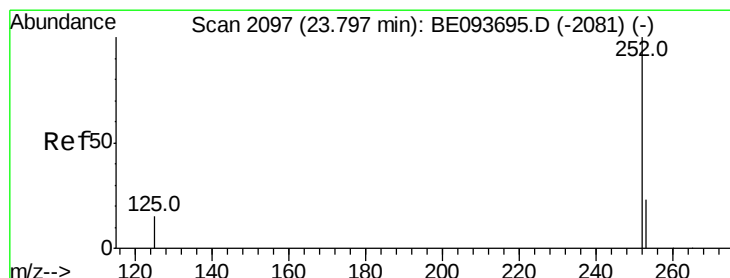
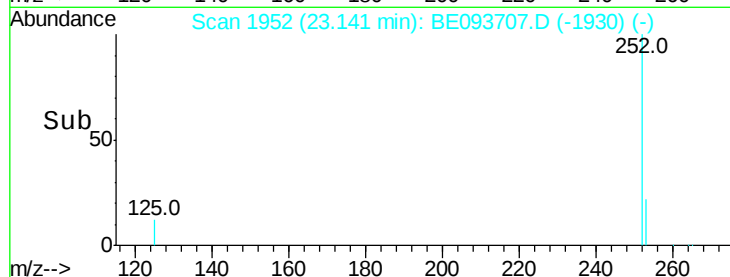
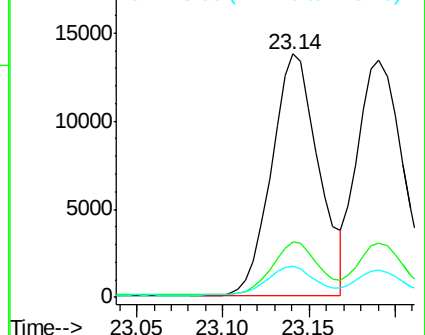
125 12.6 12.2 18.4



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: 0.402 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

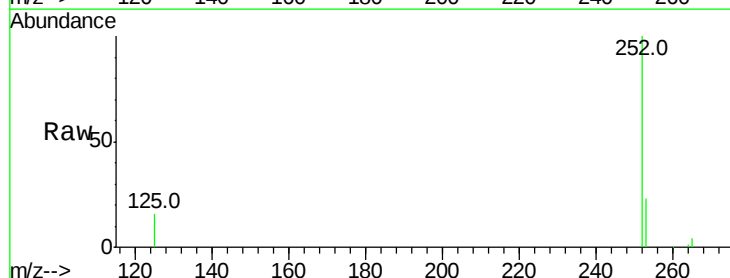
Tgt Ion:252 Resp: 24014

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

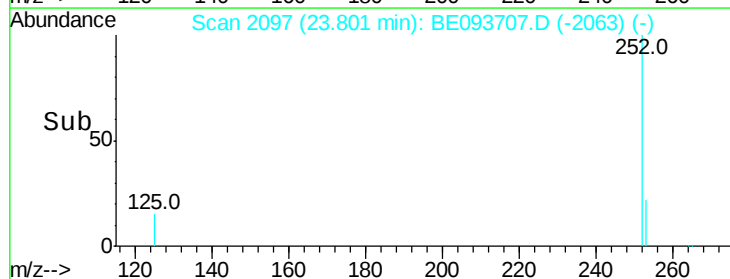
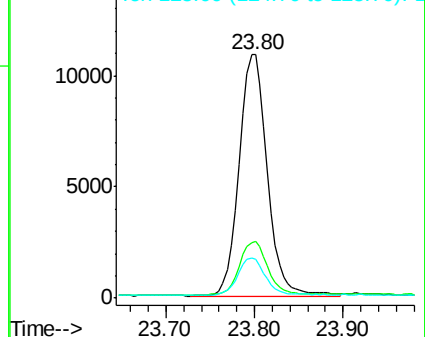
125 15.9 14.6 21.8

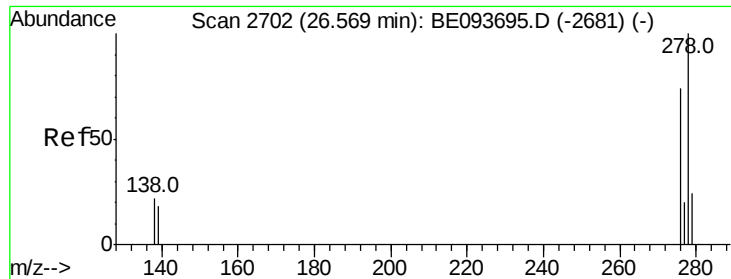


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.405 ng

RT: 26.57 min Scan# 2702

Delta R.T. 0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

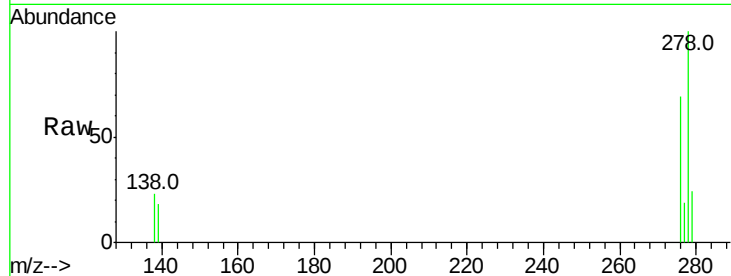
Tot Ion:278 Resp: 22660

Ion Ratio Lower Upper

278 100

139 17.6 21.4 32.0#

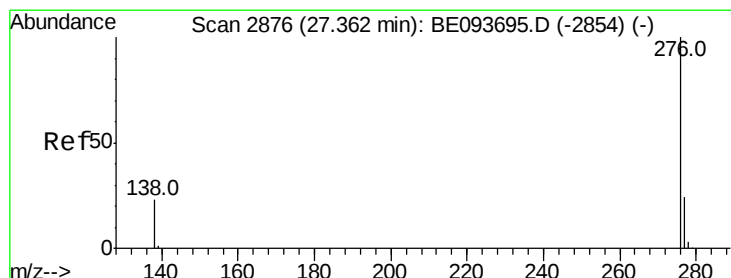
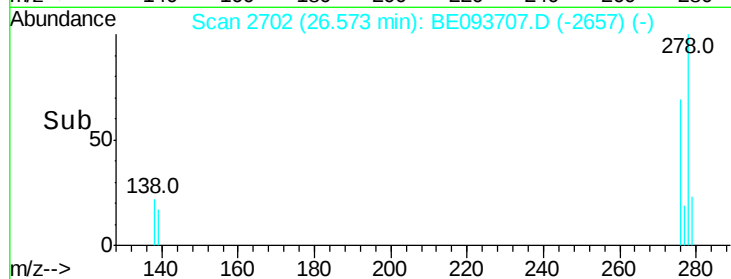
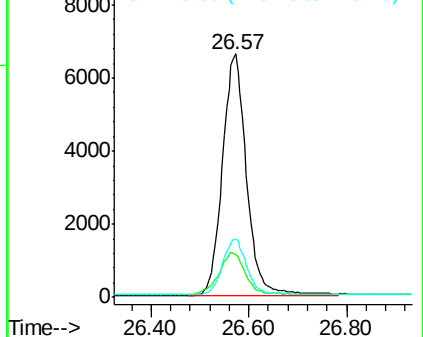
279 24.0 22.2 33.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.398 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE093707.D

Acq: 7 Aug 2017 18:48

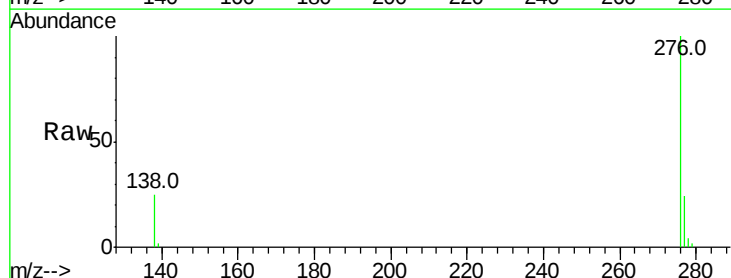
Tgt Ion:276 Resp: 22342

Ion Ratio Lower Upper

276 100

277 24.4 21.2 31.8

138 24.9 24.5 36.7



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

