

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
 Data File : BE093620.D
 Acq On : 2 Aug 2017 8:50
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Quant Time: Aug 02 11:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2360	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	11801	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7007	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18200	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18845	0.40	ng	-0.01
34) Perylene-d12	23.91	264	16354	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2815	0.40	ng	0.00
5) Phenol-d6	7.09	99	4218	0.40	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3373	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7610	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	563	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11152	0.40	ng	-0.02
25) Fluoranthene-d10	19.27	212	78382	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	13531	0.40	ng	0.00

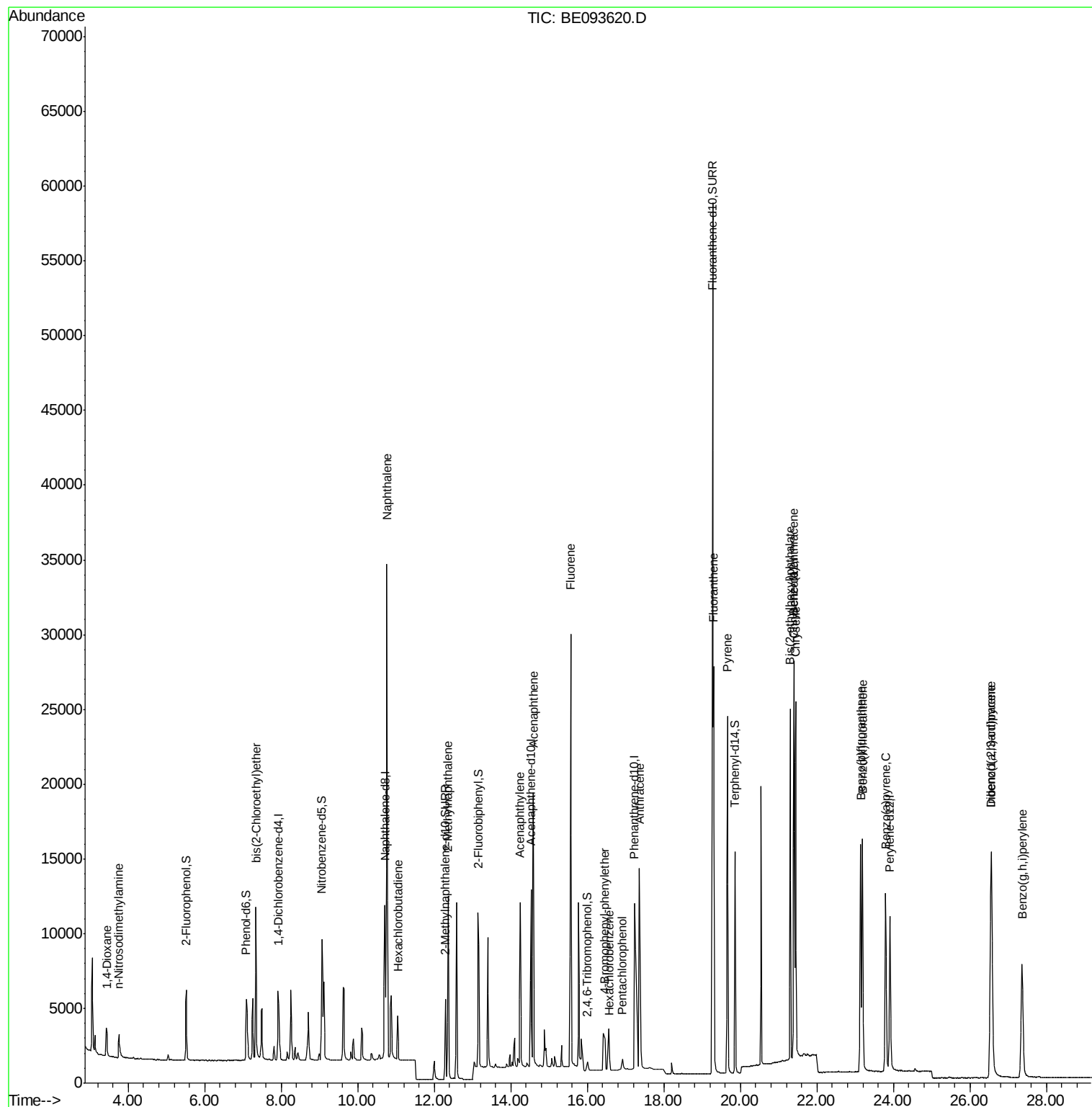
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	1512	0.395	ng	98
3) n-Nitrosodimethylamine	3.75	42	1319	0.368	ng	# 91
6) bis(2-Chloroethyl)ether	7.34	93	3516	0.395	ng	# 98
9) Naphthalene	10.76	128	53773	0.394	ng	100
10) Hexachlorobutadiene	11.04	225	2015	0.398	ng	98
12) 2-Methylnaphthalene	12.36	142	9027	0.399	ng	97
16) Acenaphthylene	14.24	152	12834	0.383	ng	# 87
17) Acenaphthene	14.58	154	9359	0.396	ng	100
18) Fluorene	15.56	166	12576	0.398	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	2122	0.378	ng	# 95
21) Hexachlorobenzene	16.58	284	2314	0.412	ng	# 100
22) Pentachlorophenol	16.91	266	861	0.393	ng	99
24) Anthracene	17.37	178	36537	0.668	ng	# 91
26) Fluoranthene	19.30	202	24007	0.377	ng	99
28) Pyrene	19.67	202	24351	0.400	ng	# 100
30) Benzo(a)anthracene	21.39	228	21395	0.386	ng	94
31) Chrysene	21.45	228	24675	0.399	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	25992	0.344	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	22827	0.408	ng	93
35) Benzo(b)fluoranthene	23.14	252	22046	0.378	ng	# 95
36) Benzo(k)fluoranthene	23.19	252	22780	0.382	ng	# 92
37) Benzo(a)pyrene	23.80	252	20071	0.380	ng	# 93
38) Dibenzo(a,h)anthracene	26.57	278	19654	0.385	ng	# 90
39) Benzo(g,h,i)perylene	27.36	276	19638	0.379	ng	92

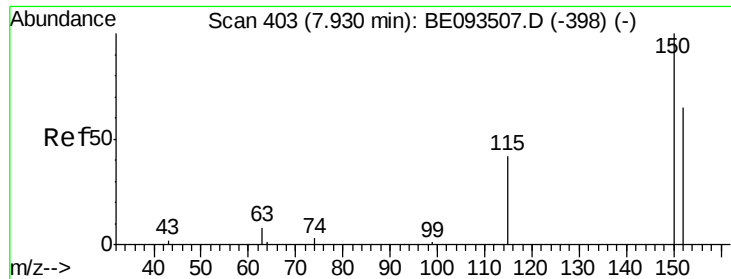
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080217\
Data File : BE093620.D
Acq On : 2 Aug 2017 8:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 02 11:17:33 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

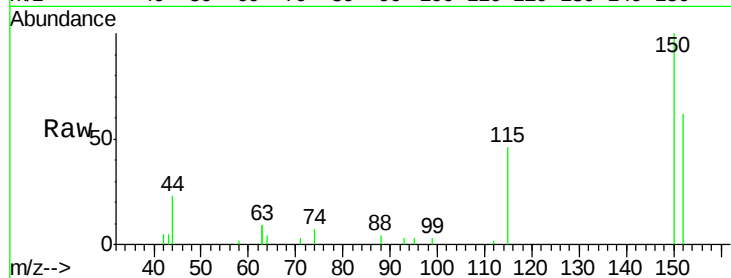




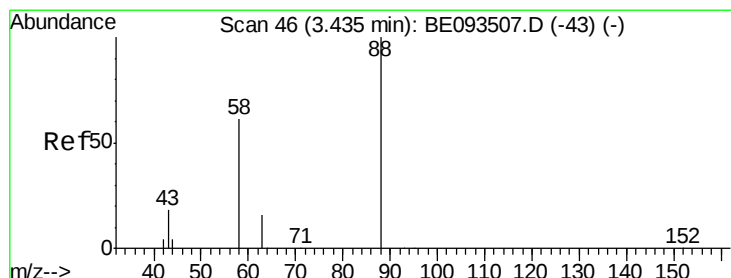
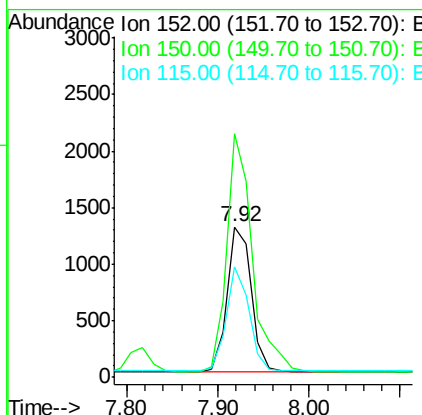
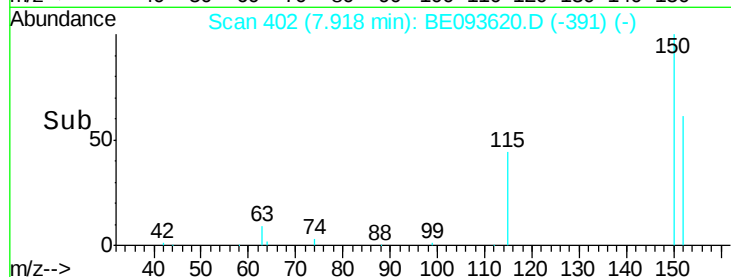
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 152 Resp: 2360
 Ion Ratio Lower Upper
 152 100
 150 161.8 125.1 187.7
 115 73.7 55.7 83.5

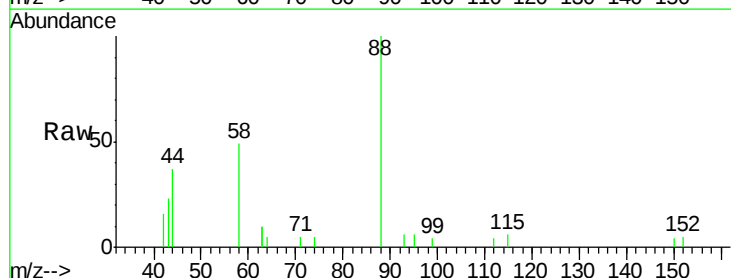


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

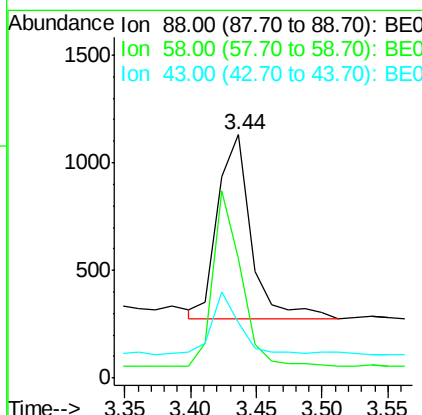
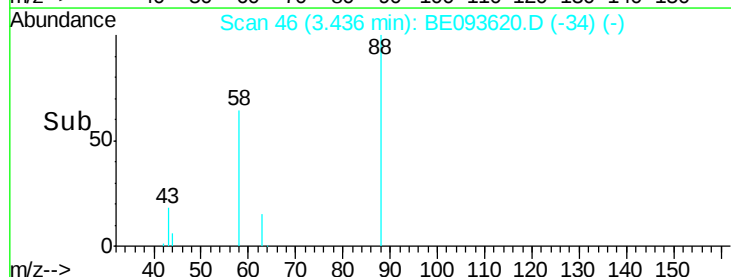


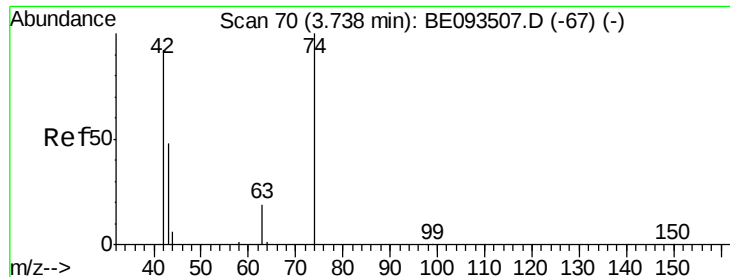
#2
 1,4-Dioxane
 Concen: 0.395 ng
 RT: 3.44 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

Tgt Ion: 88 Resp: 1512
 Ion Ratio Lower Upper
 88 100
 58 79.7 62.2 93.4
 43 28.0 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: 0.368 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

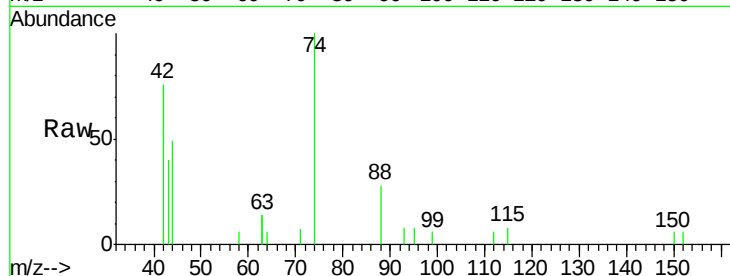
Tgt Ion: 42 Resp: 1319

Ion Ratio Lower Upper

42 100

74 133.6 99.1 148.7

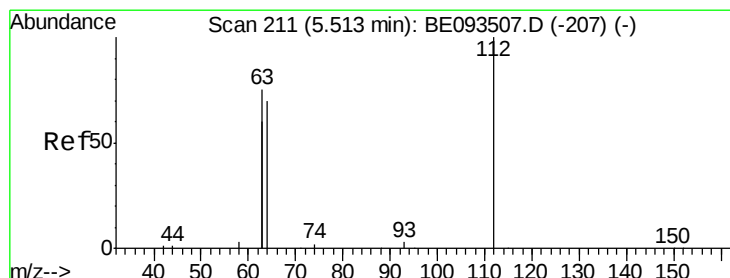
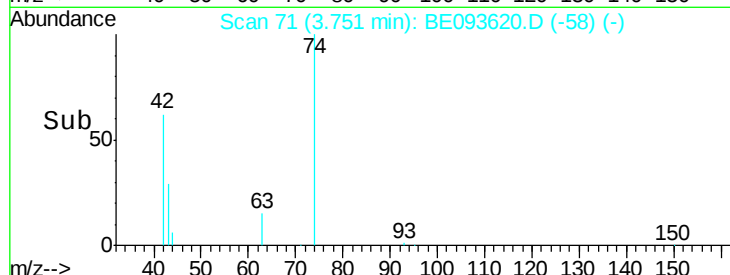
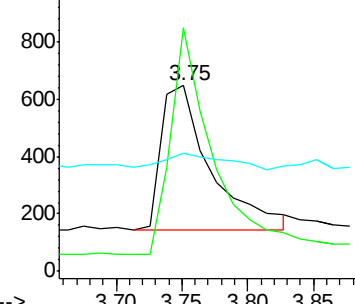
44 14.4 7.4 11.2#



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



#4

2-Fluorophenol

Concen: 0.400 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

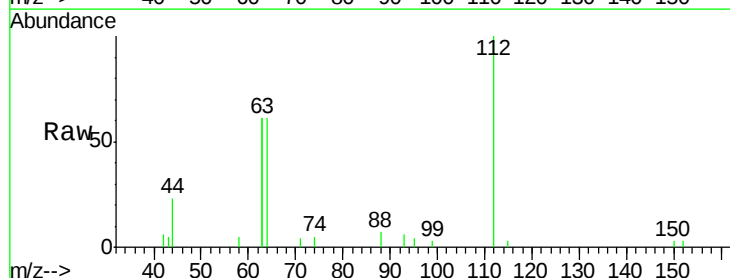
Tgt Ion: 112 Resp: 2815

Ion Ratio Lower Upper

112 100

64 70.3 56.4 84.6

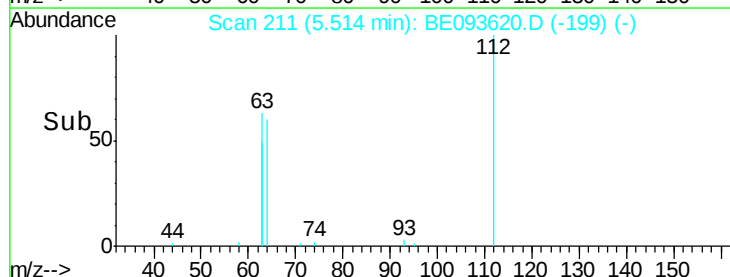
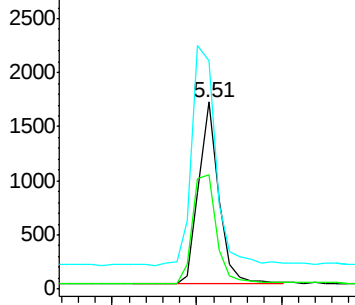
63 142.6 29.3 43.9#

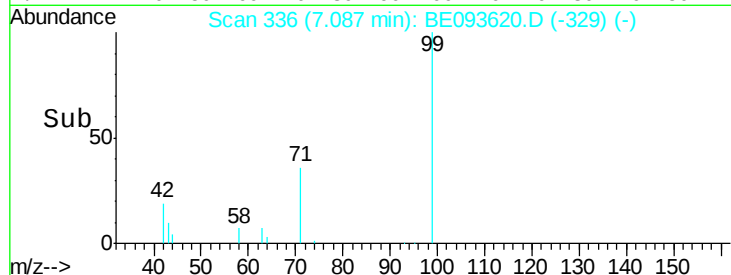
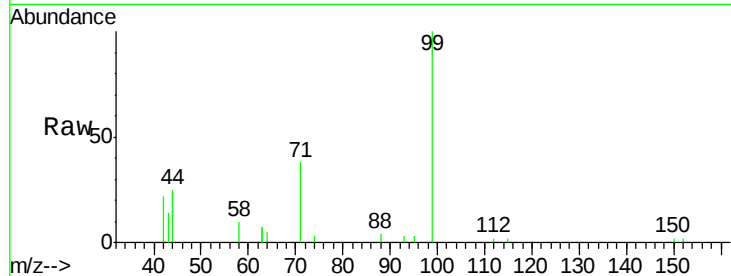
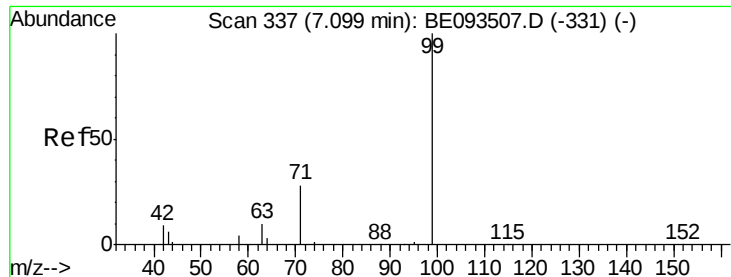


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

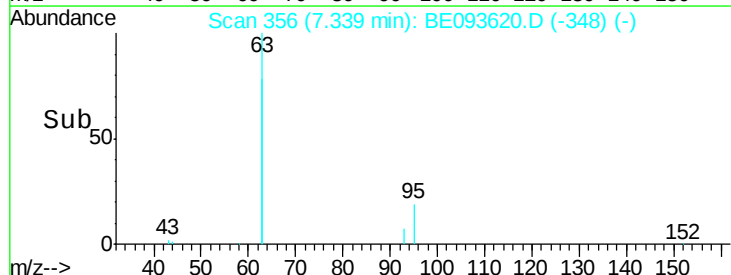
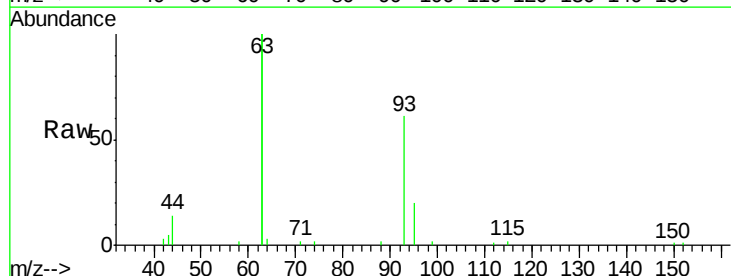
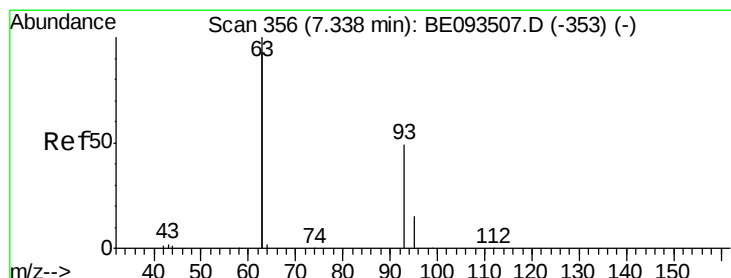
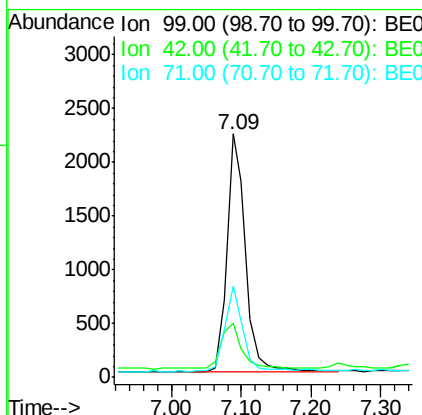




#5
Phenol-d6
Concen: 0.398 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

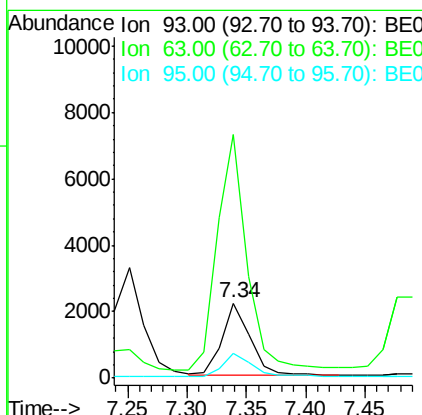
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

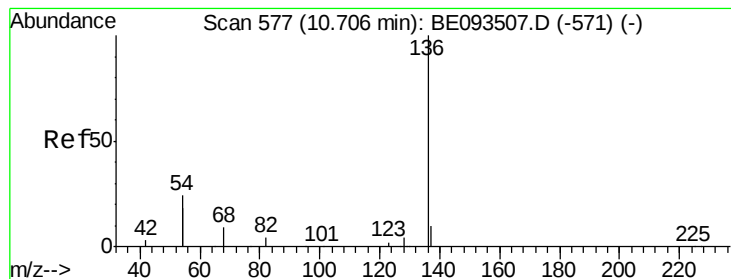
Tgt Ion: 99 Resp: 4218
Ion Ratio Lower Upper
99 100
42 20.8 0.0 0.0#
71 33.9 0.0 0.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

Tgt Ion: 93 Resp: 3516
Ion Ratio Lower Upper
93 100
63 350.5 0.0 0.0#
95 32.6 25.4 38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 11801

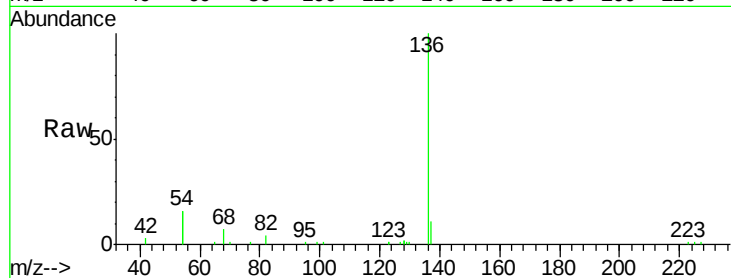
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 32.6 10.3 15.5#

68 6.7 9.0 13.4#

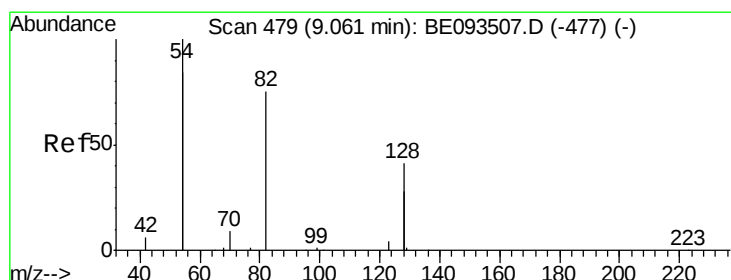
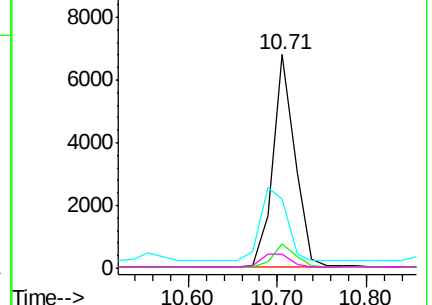
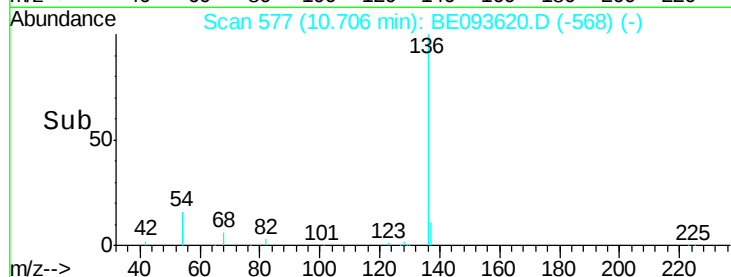


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

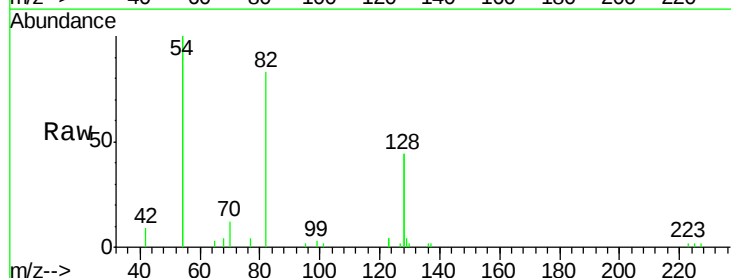
Tgt Ion: 82 Resp: 3373

Ion Ratio Lower Upper

82 100

128 105.4 17.0 25.4#

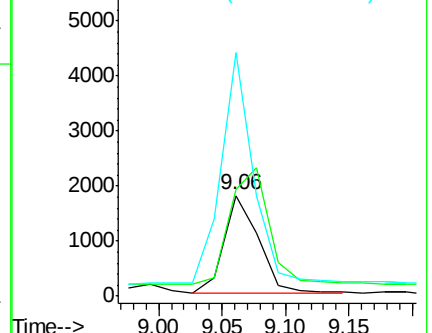
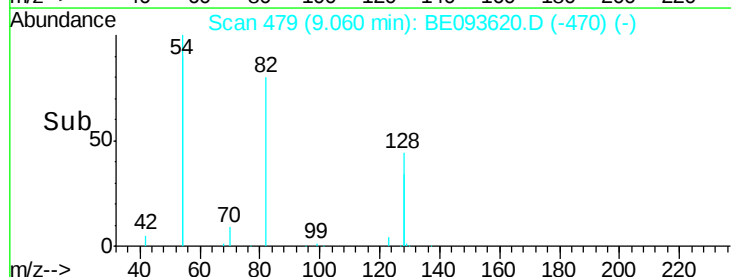
54 241.5 53.8 80.6#

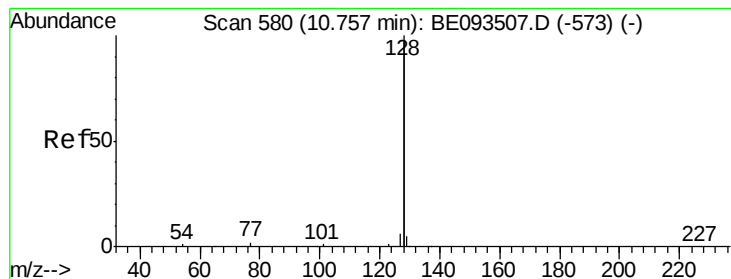


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

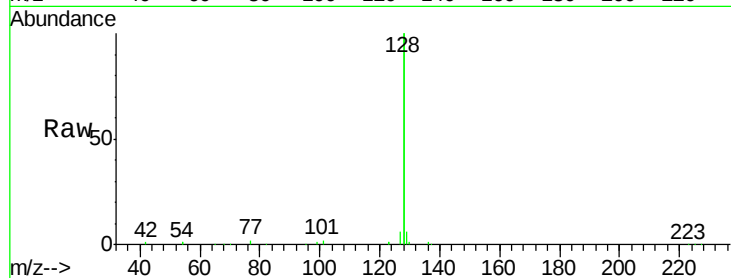
Tgt Ion:128 Resp: 53773

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

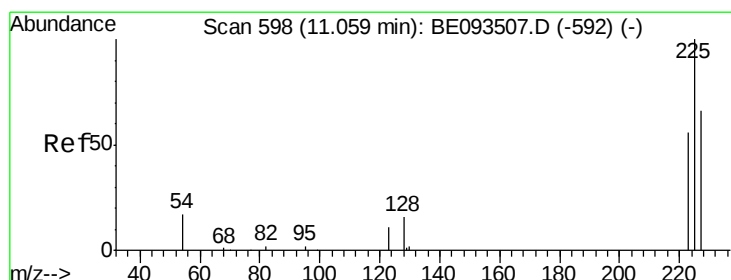
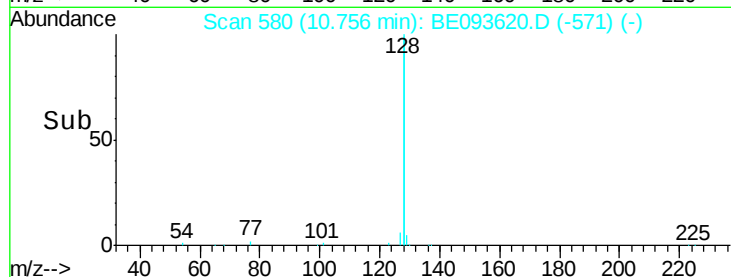
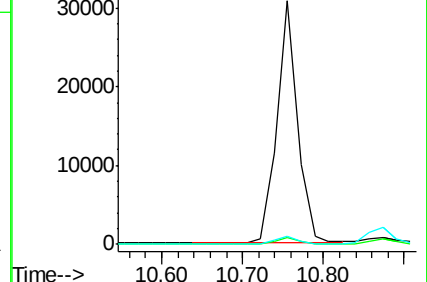
127 3.2 2.4 3.6



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: 0.398 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

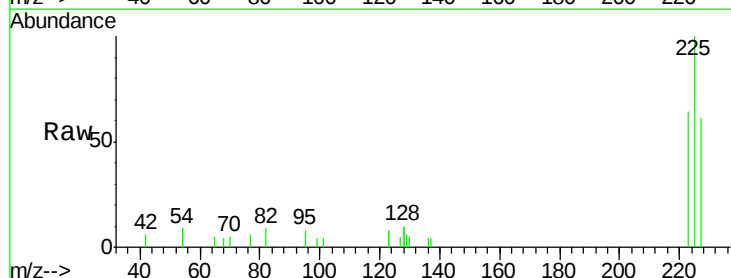
Tgt Ion:225 Resp: 2015

Ion Ratio Lower Upper

225 100

223 63.7 49.7 74.5

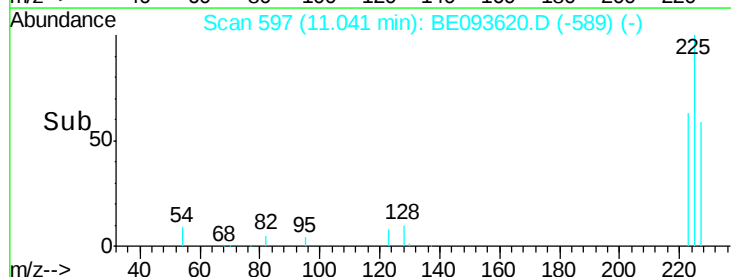
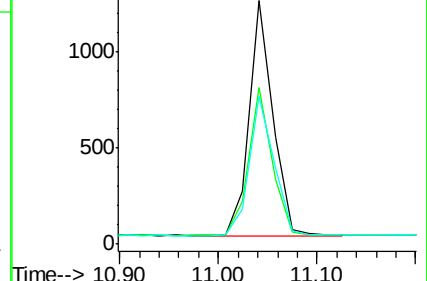
227 62.1 50.3 75.5

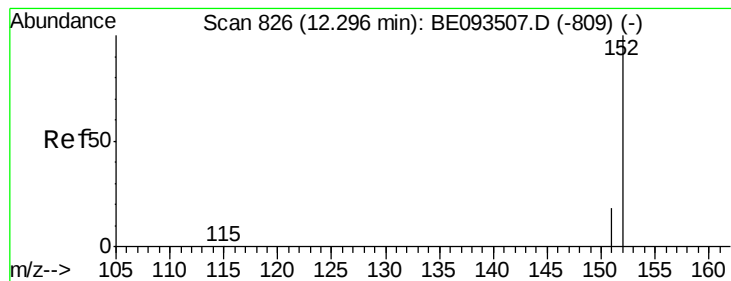


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

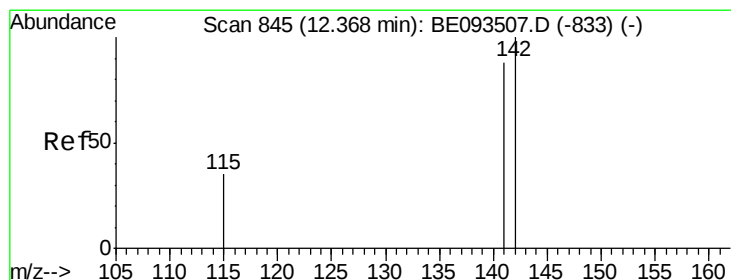
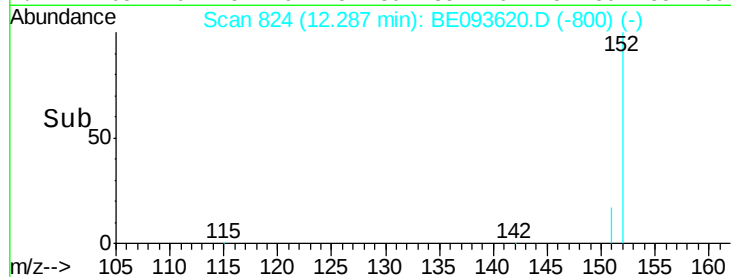
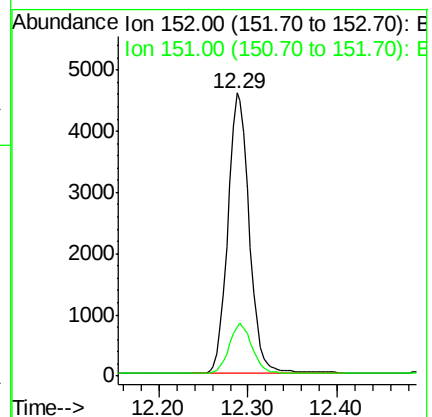
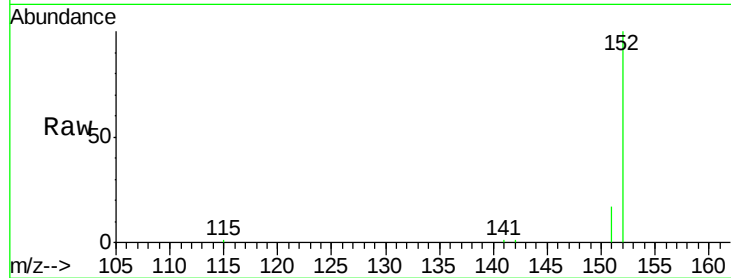
SSTDCCC0.4

Tgt Ion:152 Resp: 7610

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.36 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

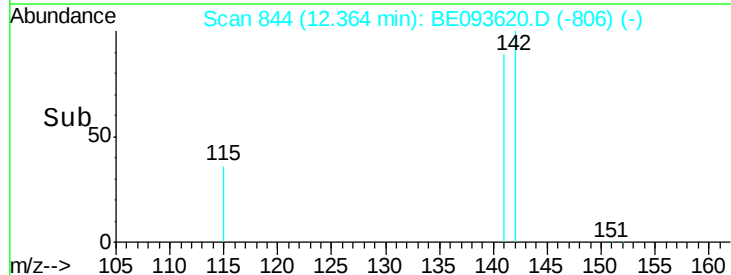
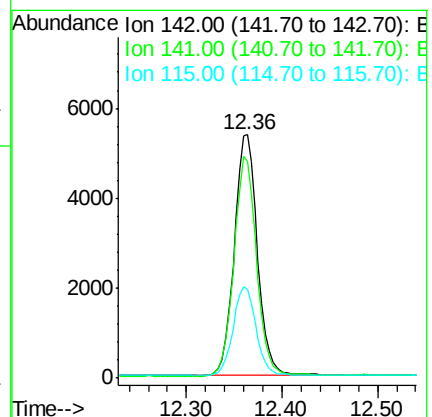
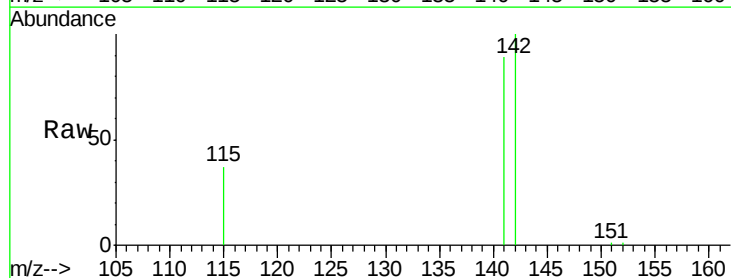
Tgt Ion:142 Resp: 9027

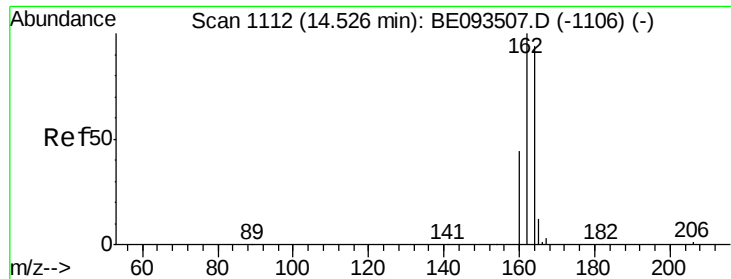
Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

115 36.7 32.2 48.2

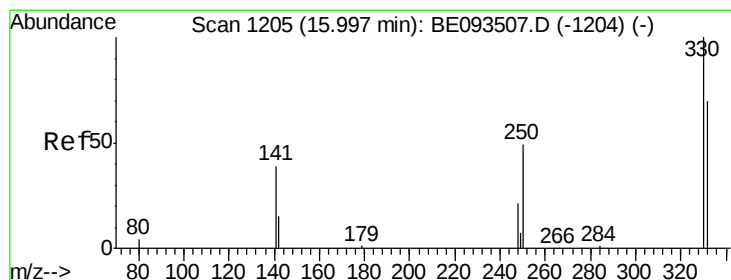
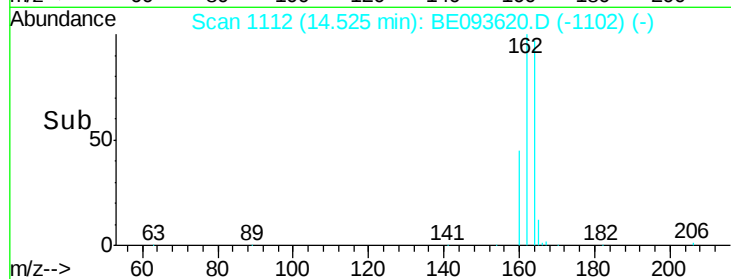
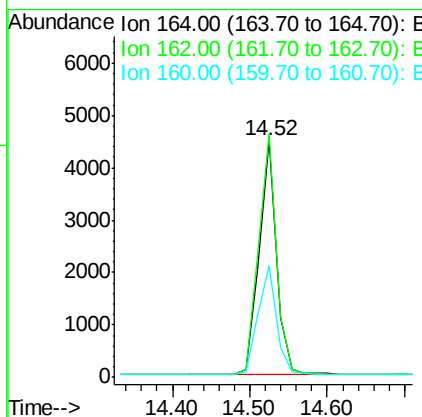
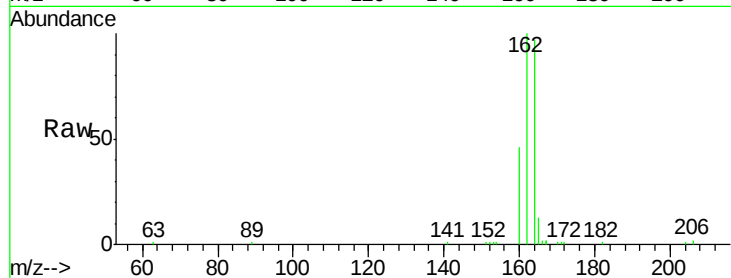




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

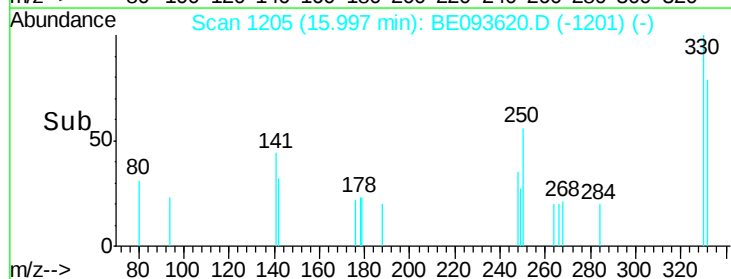
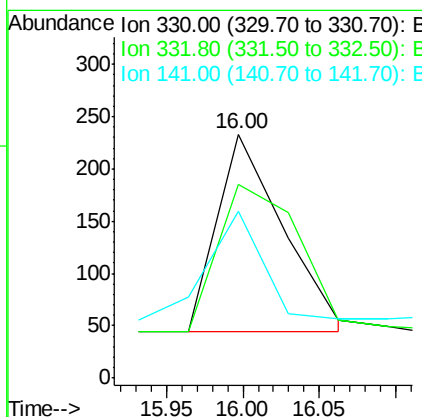
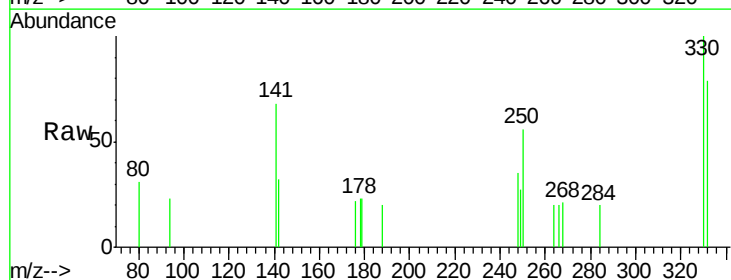
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

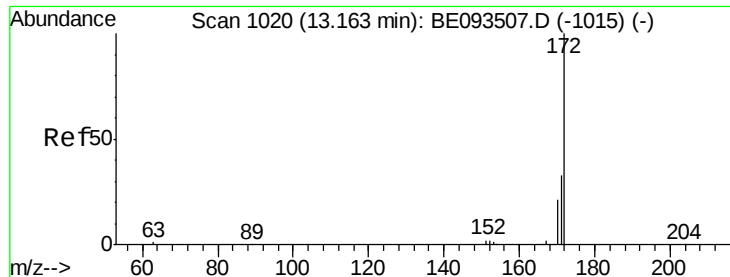
Tgt Ion:164 Resp: 7007
Ion Ratio Lower Upper
164 100
162 102.8 84.6 127.0
160 47.2 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

Tgt Ion:330 Resp: 563
Ion Ratio Lower Upper
330 100
332 91.7 77.7 116.5
141 47.2 56.2 84.4#

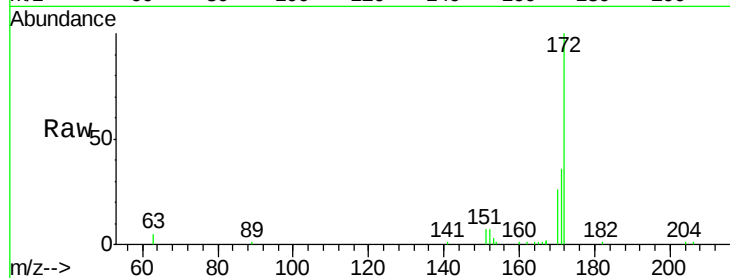




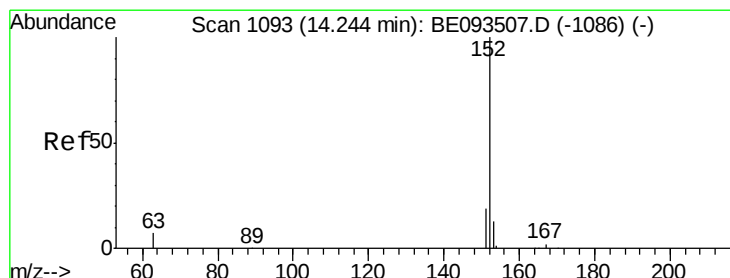
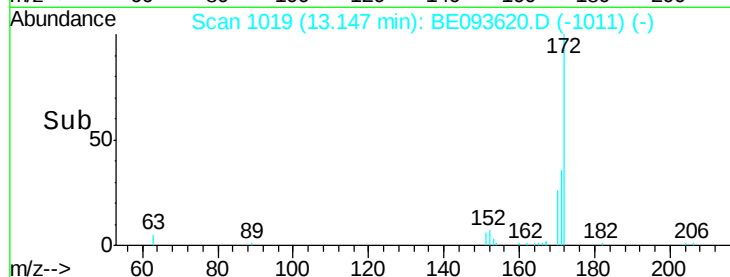
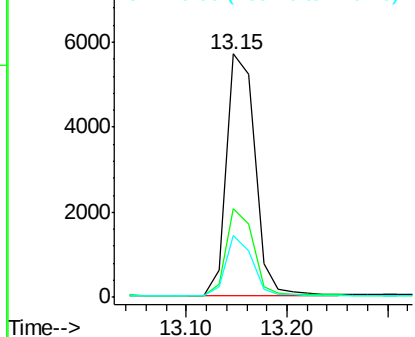
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11152
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 25.6 20.7 31.1

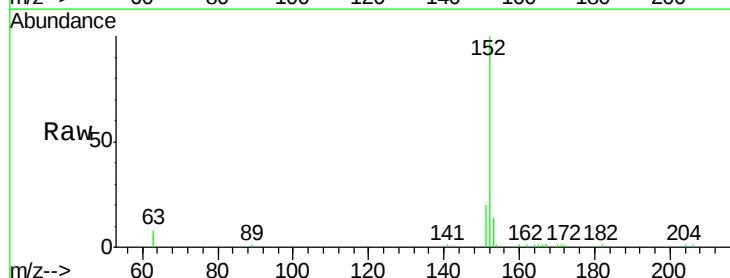


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

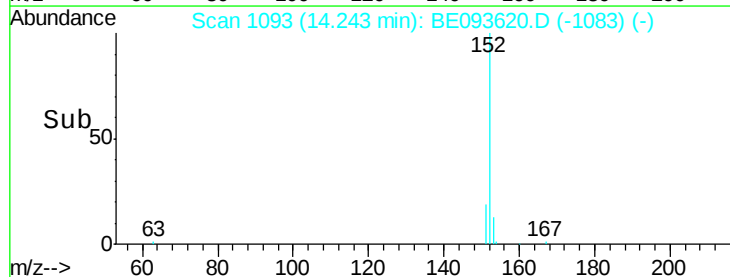
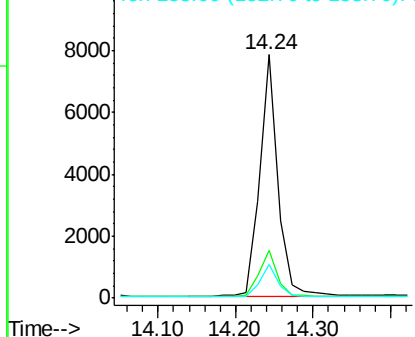


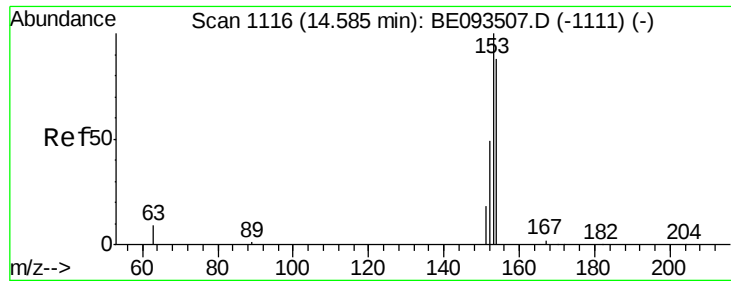
#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

Tgt Ion:152 Resp: 12834
Ion Ratio Lower Upper
152 100
151 19.6 4.0 6.0#
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

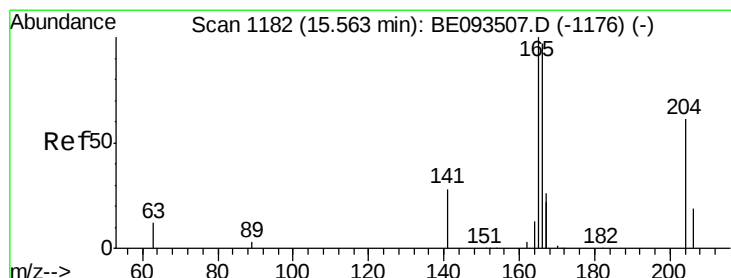
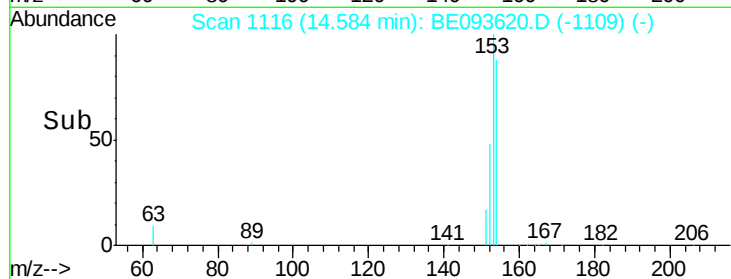
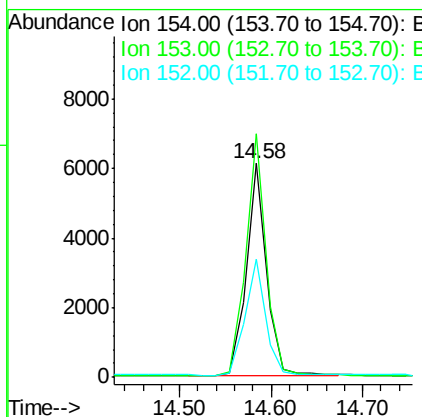
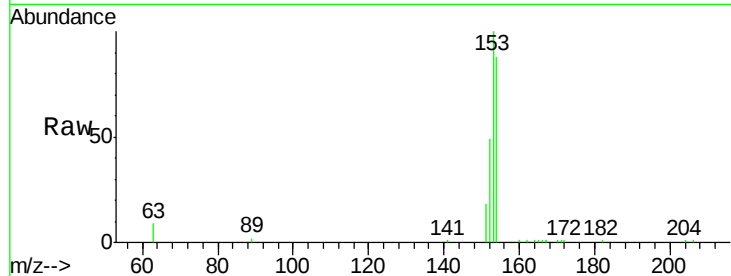




#17
Acenaphthene
Concen: 0.396 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

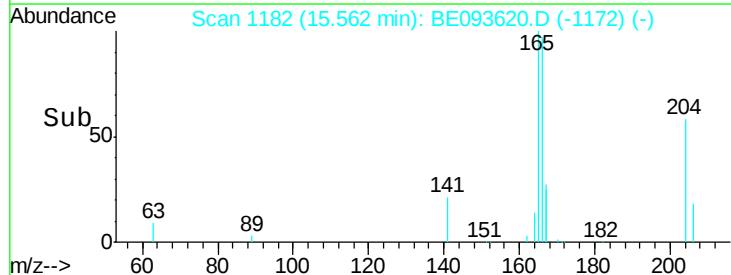
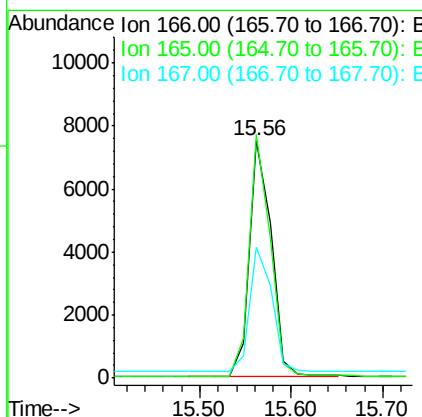
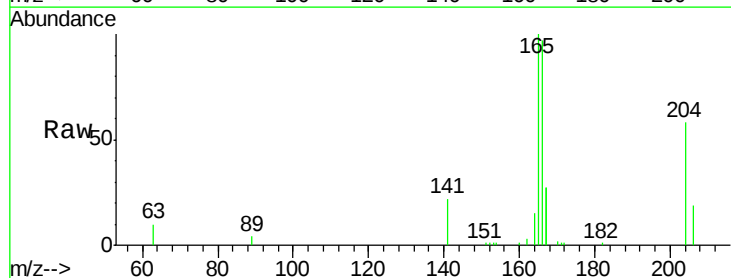
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

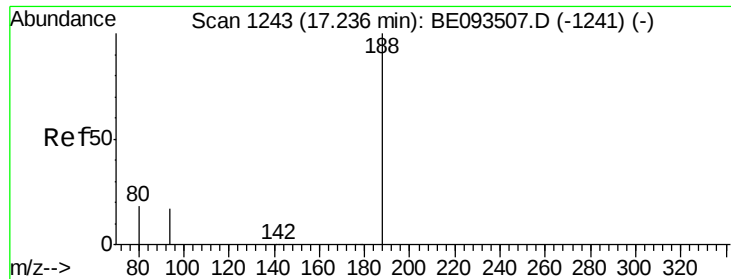
Tgt Ion:154 Resp: 9359
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 56.2 44.8 67.2



#18
Fluorene
Concen: 0.398 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093620.D
Acq: 2 Aug 2017 8:50

Tgt Ion:166 Resp: 12576
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 53.5 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

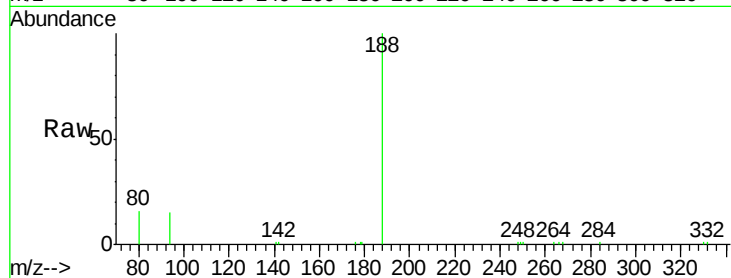
Tgt Ion:188 Resp: 18200

Ion Ratio Lower Upper

188 100

94 14.9 11.3 16.9

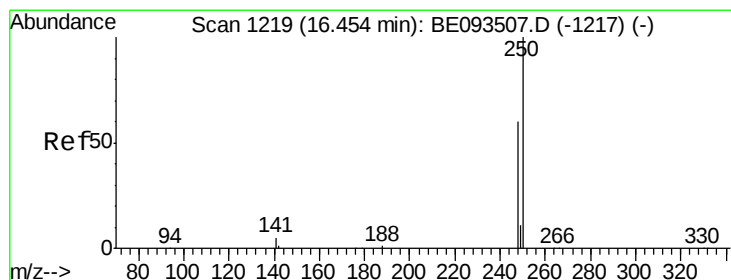
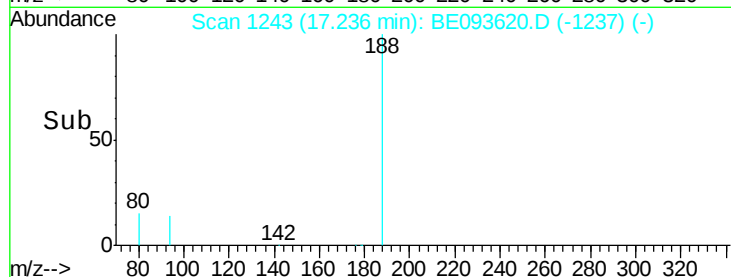
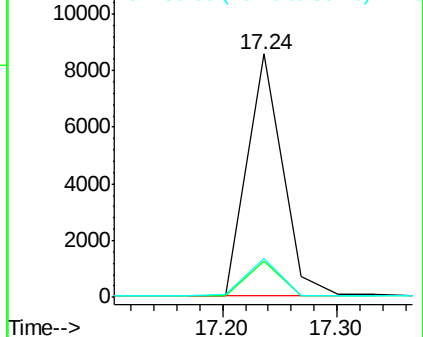
80 16.0 11.7 17.5



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: 0.378 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

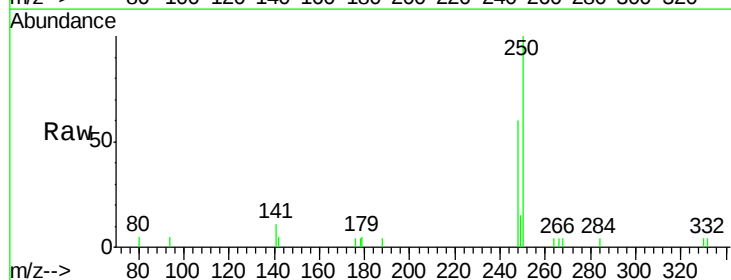
Tgt Ion:248 Resp: 2122

Ion Ratio Lower Upper

248 100

250 166.0 128.0 192.0

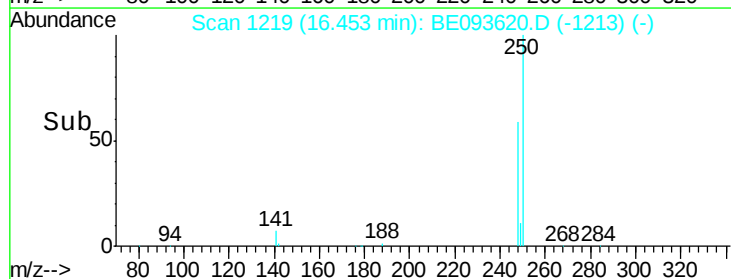
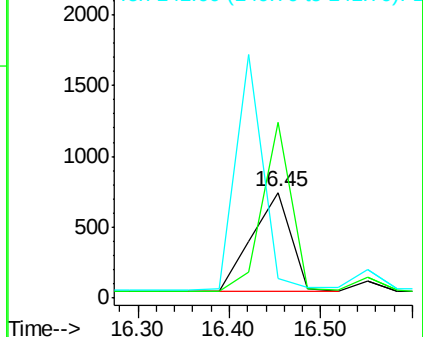
141 18.5 12.0 18.0#

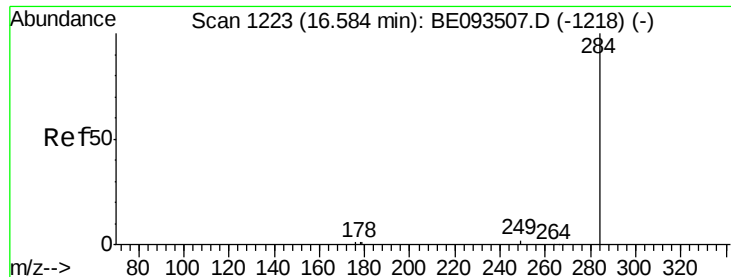


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

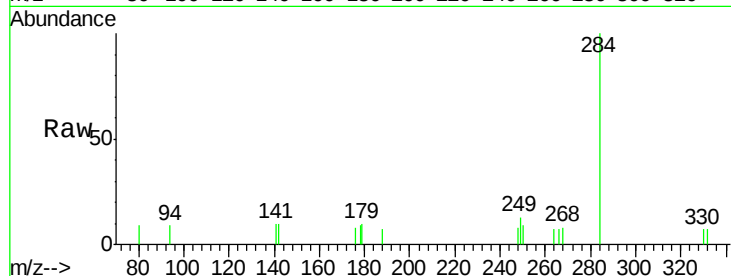
Tgt Ion: 284 Resp: 2314

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

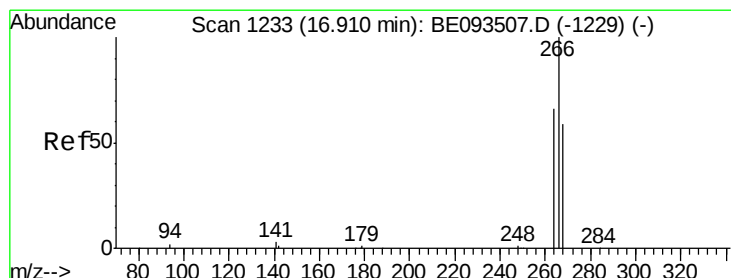
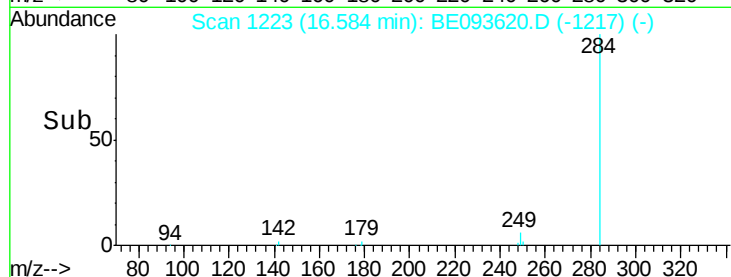
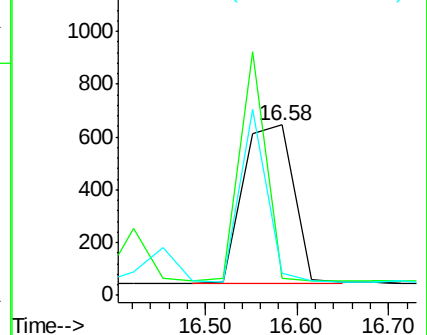
249 0.0 0.0 0.0



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: 0.393 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

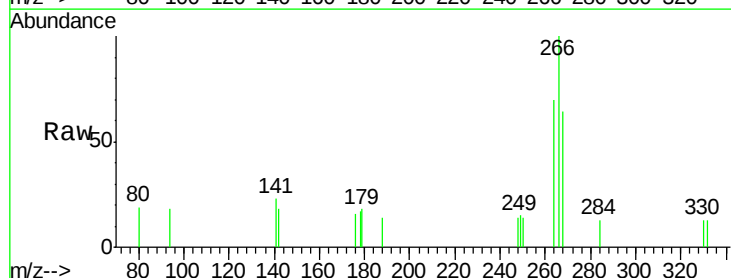
Tgt Ion: 266 Resp: 861

Ion Ratio Lower Upper

266 100

264 70.2 56.0 84.0

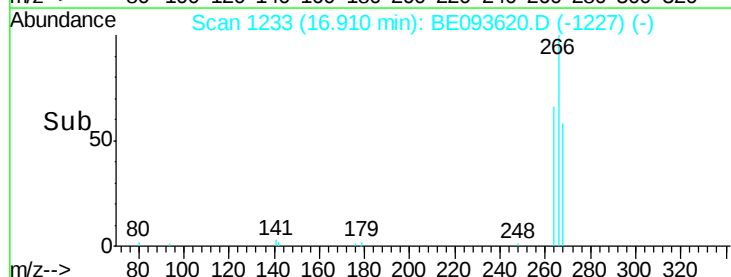
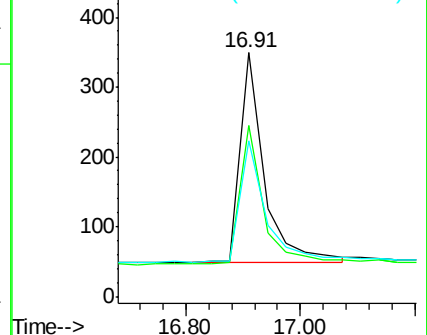
268 63.9 52.0 78.0

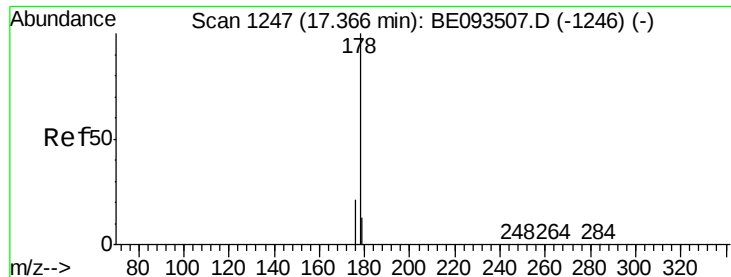


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.668 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

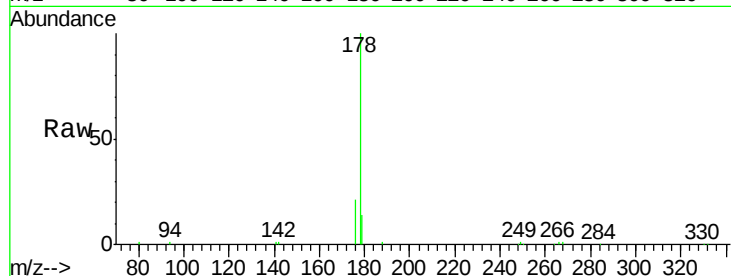
Tgt Ion:178 Resp: 36537

Ion Ratio Lower Upper

178 100

176 11.5 14.6 22.0#

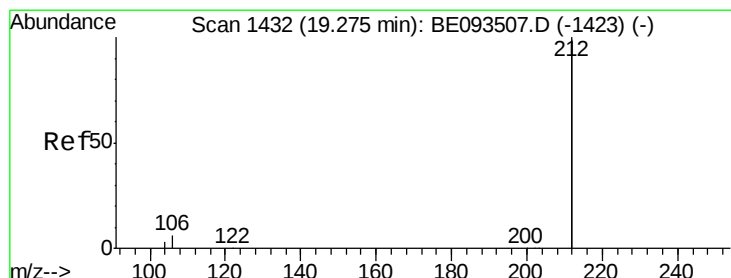
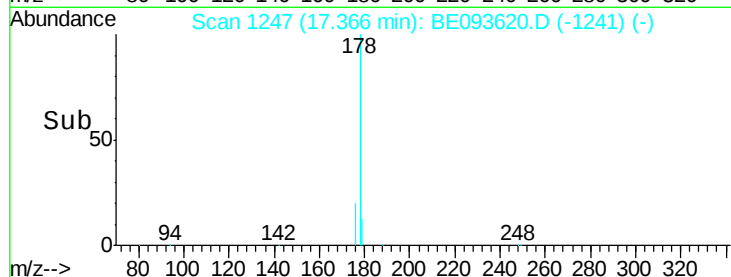
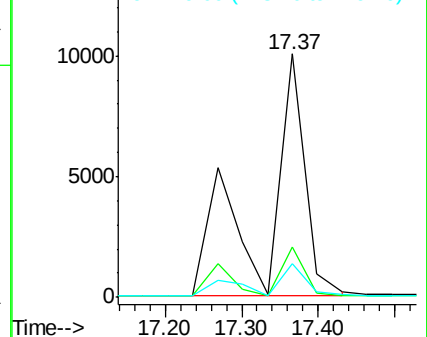
179 14.1 12.0 18.0



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: 0.379 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

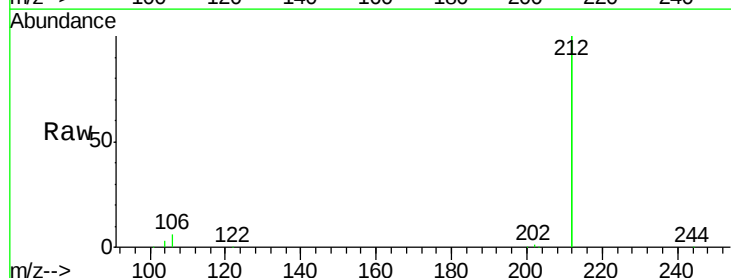
Tgt Ion:212 Resp: 78382

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

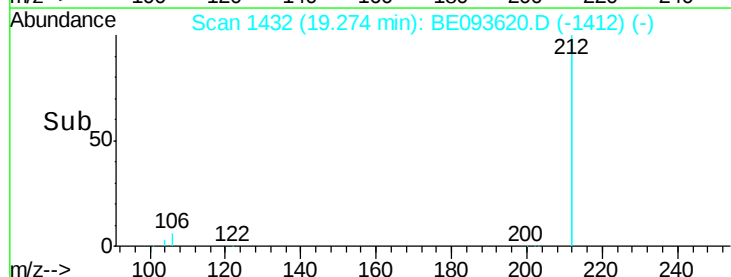
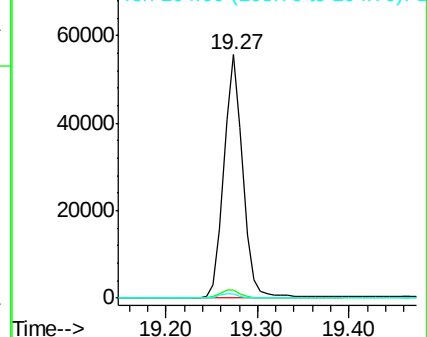
104 1.9 1.6 2.4

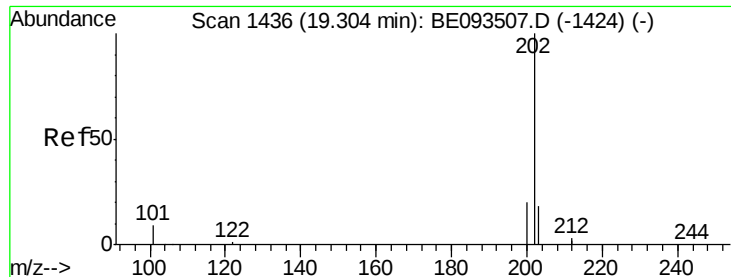


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

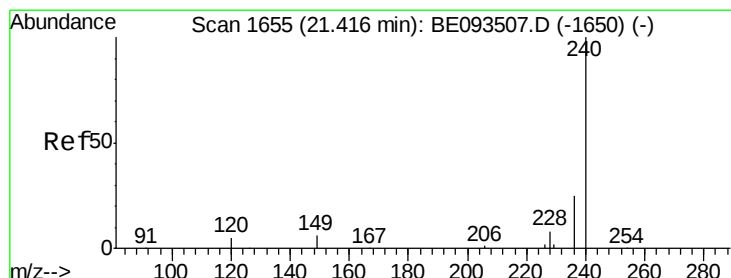
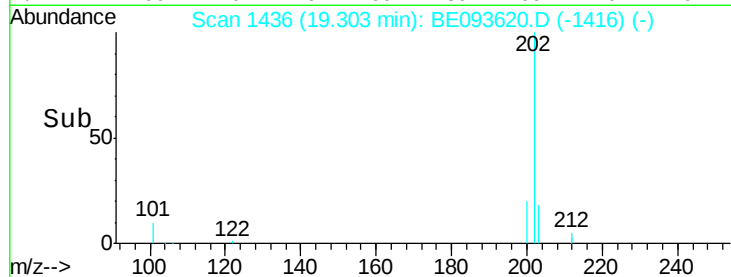
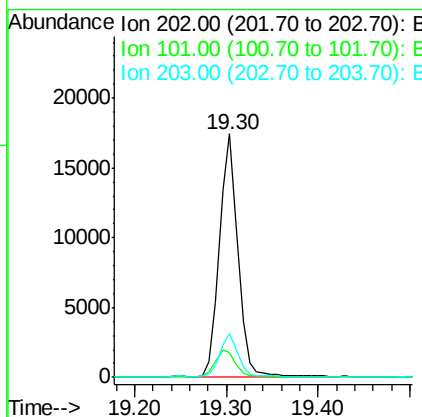
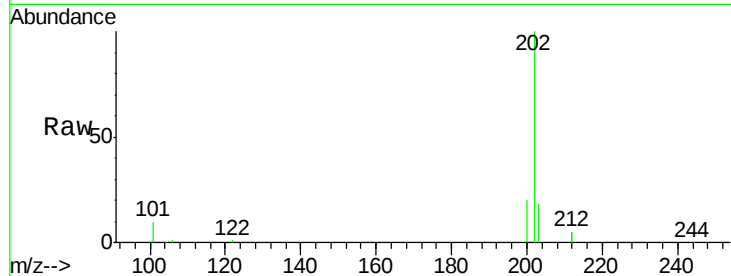




#26
 Fluoranthene
 Concen: 0.377 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

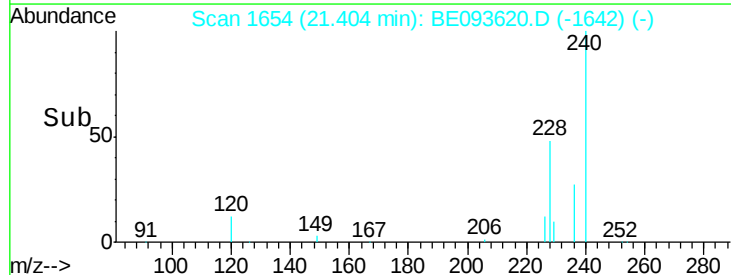
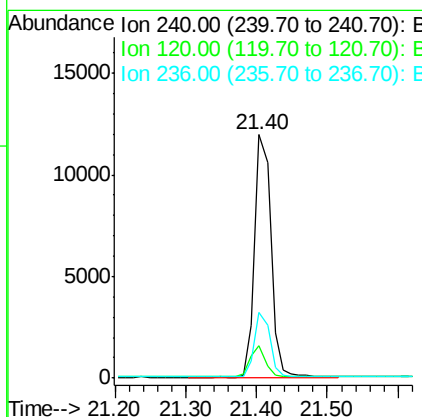
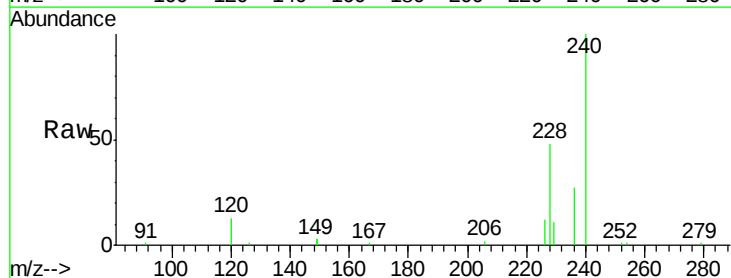
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

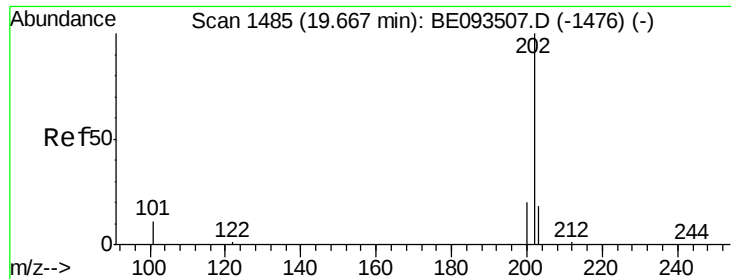
Tgt Ion:202 Resp: 24007
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.6 14.4
 203 17.4 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

Tgt Ion:240 Resp: 18845
 Ion Ratio Lower Upper
 240 100
 120 13.1 4.6 7.0#
 236 26.9 20.8 31.2





#28

Pyrene

Concen: 0.400 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

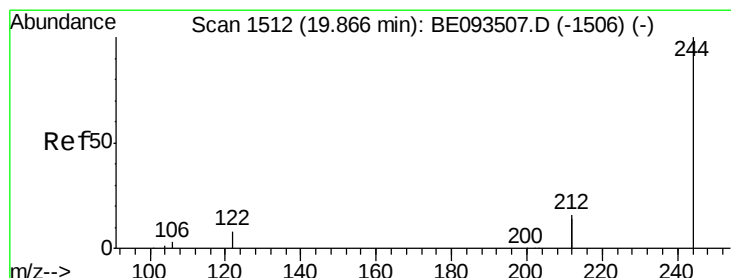
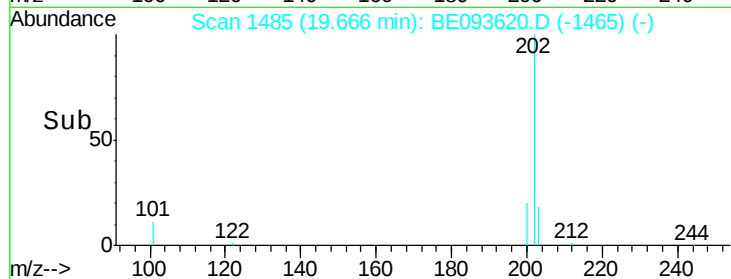
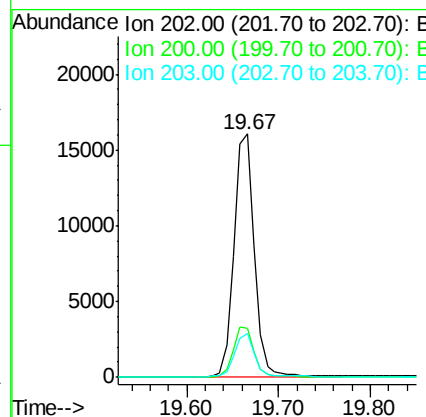
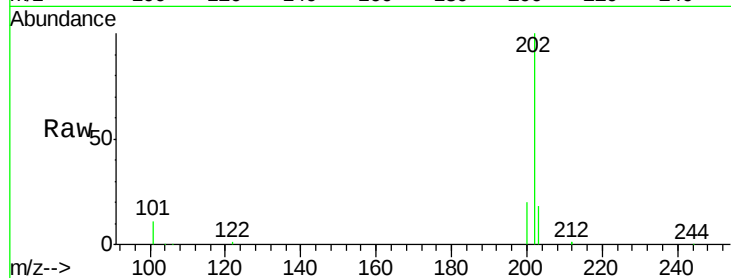
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	202	Resp:	24351
Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	0.0#
203	17.3	13.7	20.5



#29

Terphenyl-d14

Concen: 0.400 ng

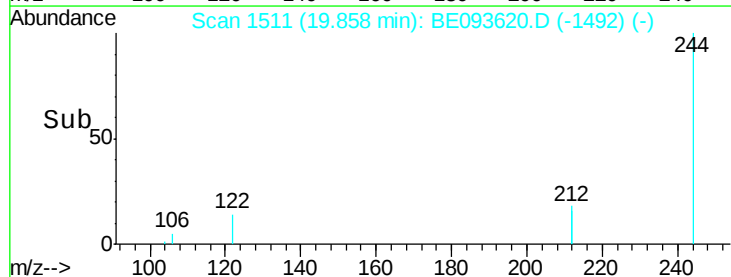
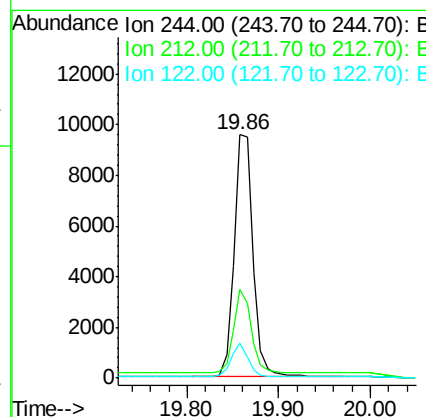
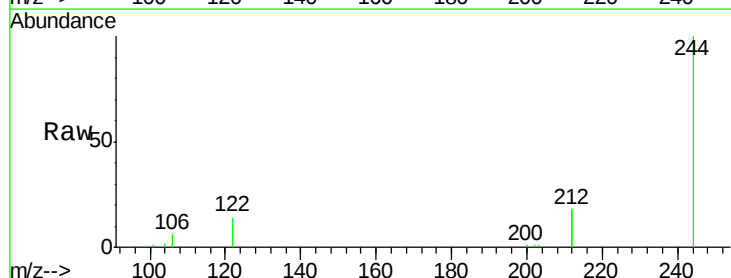
RT: 19.86 min Scan# 1511

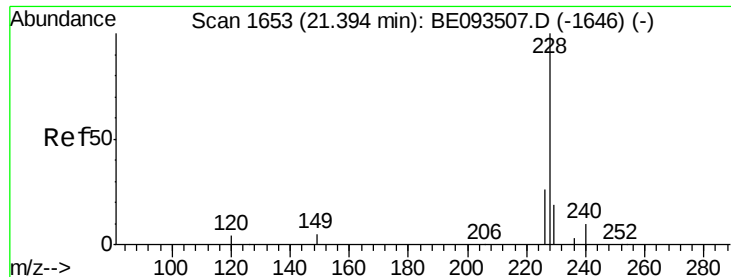
Delta R.T. -0.01 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Tgt Ion:	244	Resp:	13531
Ion	Ratio	Lower	Upper
244	100		
212	36.2	10.6	16.0#
122	14.2	15.4	23.0#





#30

Benzo(a)anthracene

Concen: 0.386 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

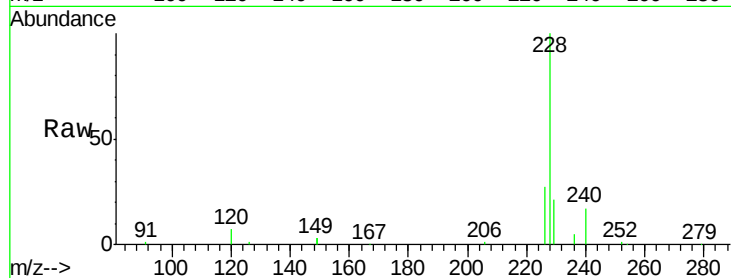
Tgt Ion:228 Resp: 21395

Ion Ratio Lower Upper

228 100

226 26.6 19.7 29.5

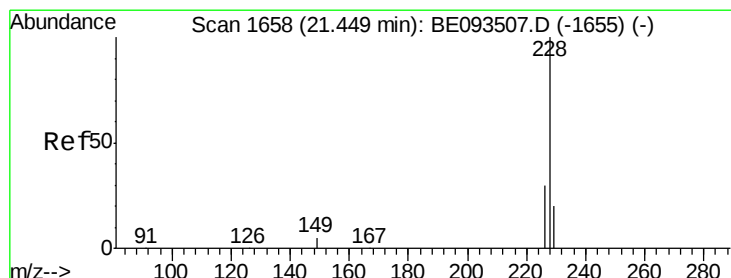
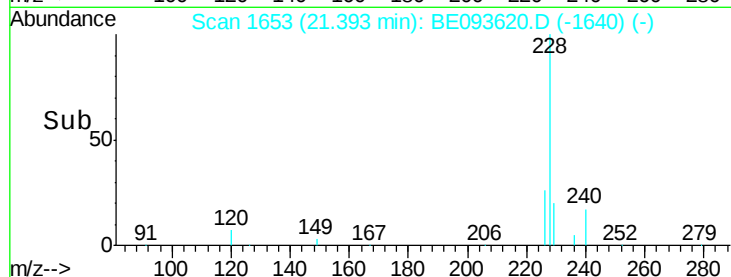
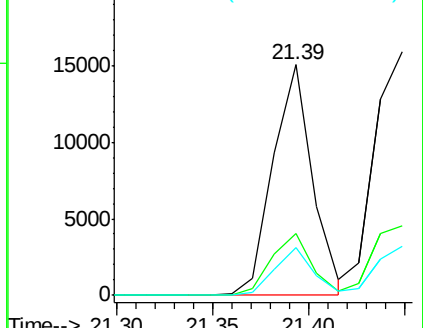
229 20.5 19.2 28.8



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: 0.399 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

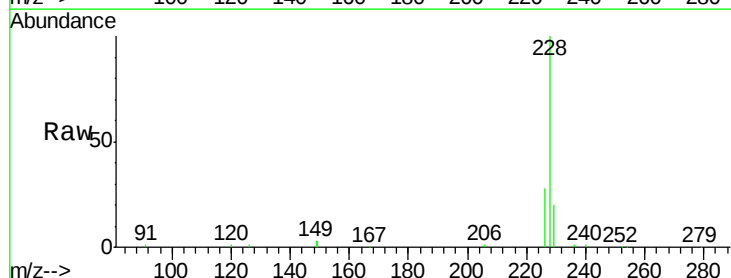
Tgt Ion:228 Resp: 24675

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

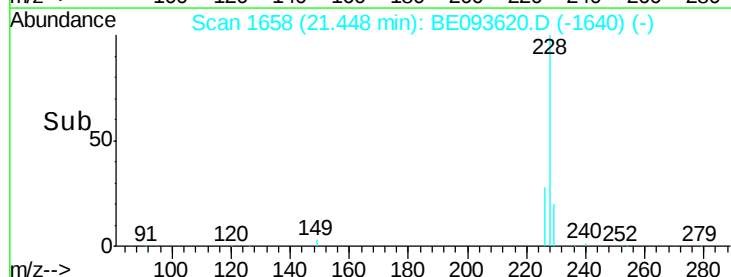
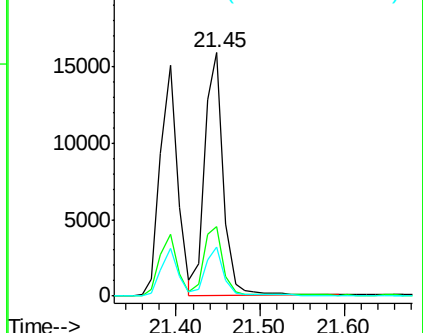
229 19.9 18.6 28.0

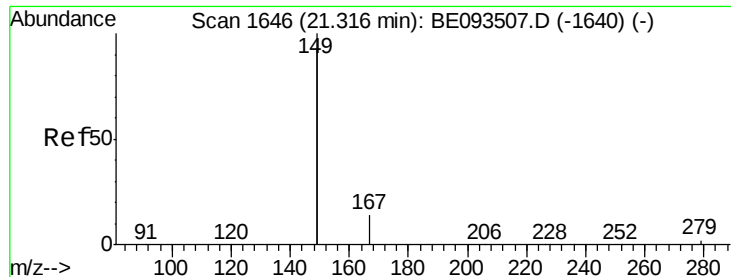


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

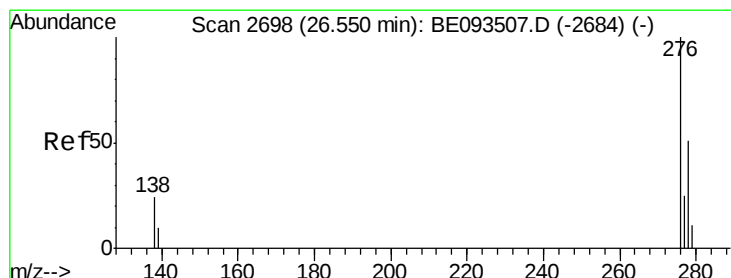
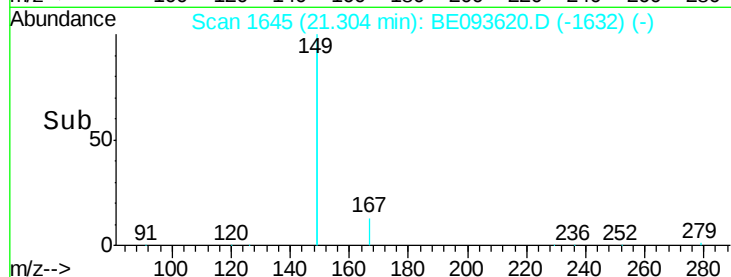
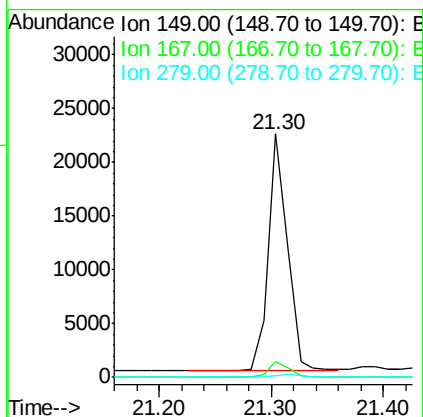
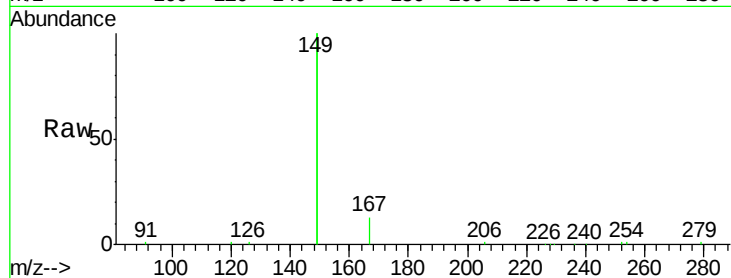




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.344 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

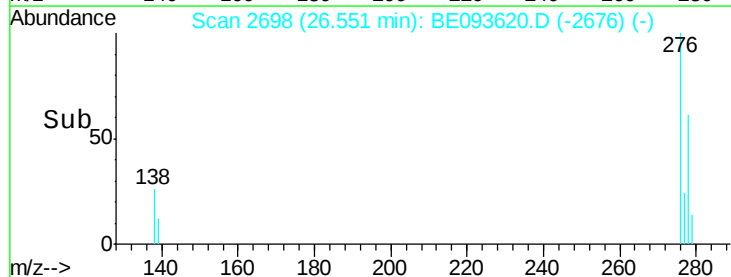
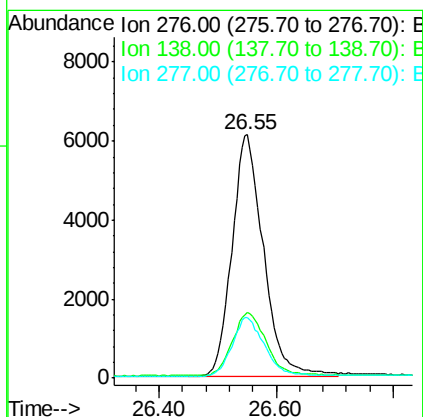
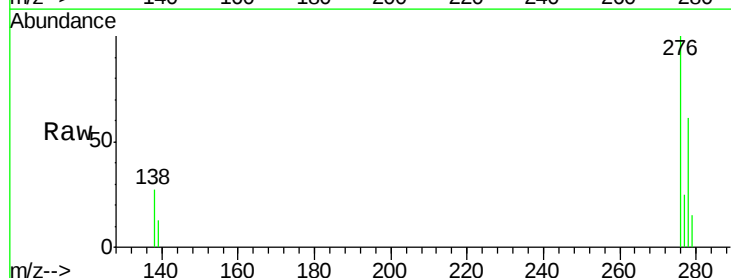
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

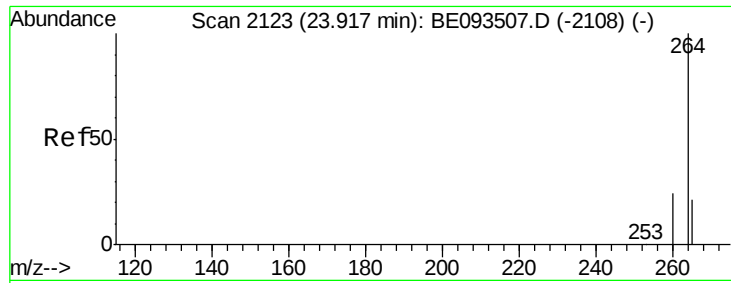
Tgt Ion:149 Resp: 25992
 Ion Ratio Lower Upper
 149 100
 167 6.7 4.8 7.2
 279 0.8 0.8 1.2



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 26.55 min Scan# 2698
 Delta R.T. 0.00 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

Tgt Ion:276 Resp: 22827
 Ion Ratio Lower Upper
 276 100
 138 27.6 27.4 41.2
 277 24.6 20.1 30.1

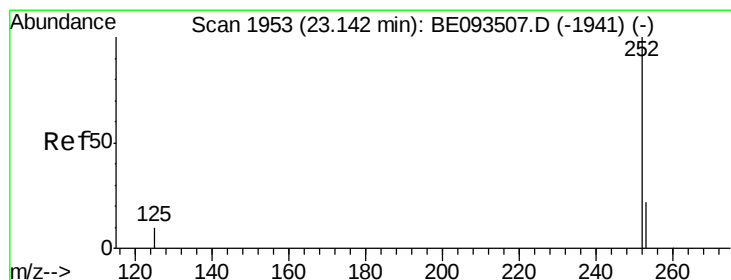
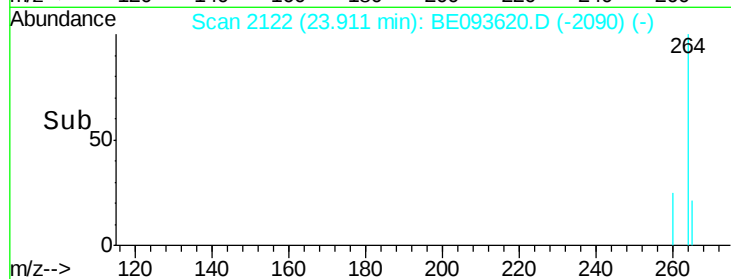
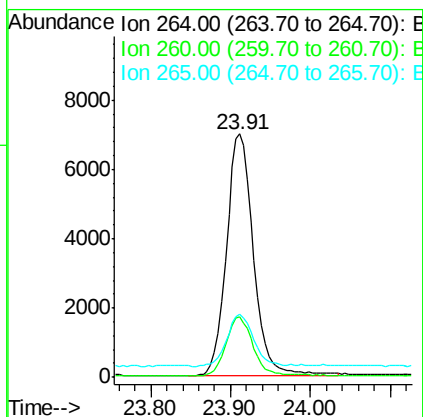
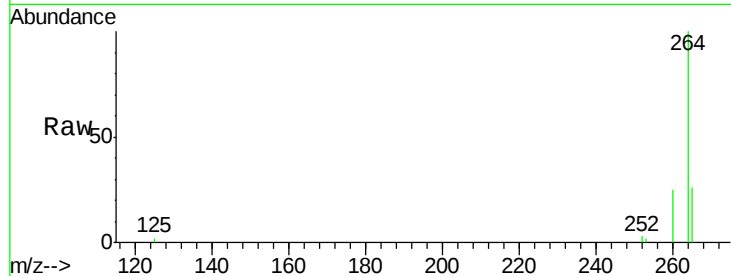




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

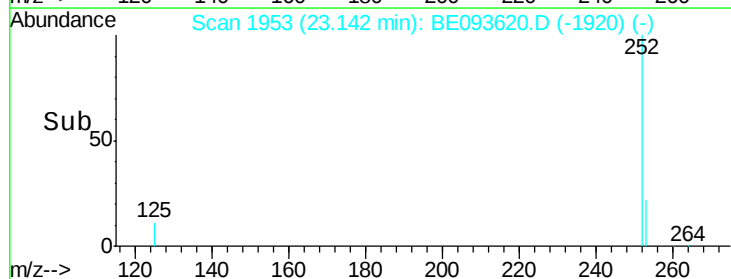
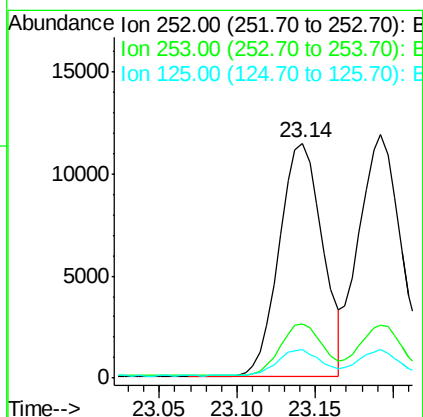
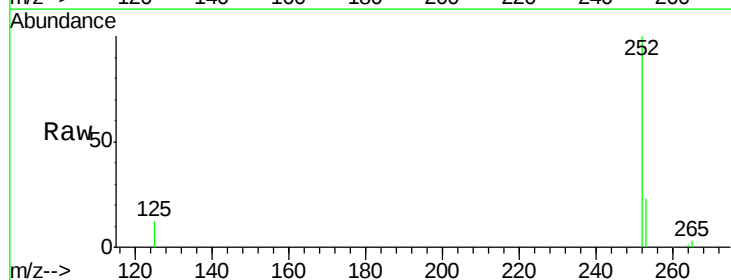
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

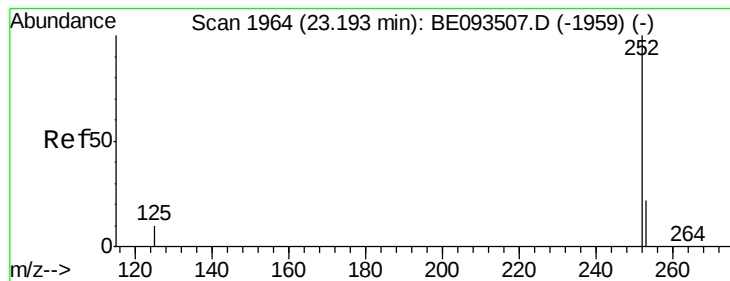
Tgt Ion: 264 Resp: 16354
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.0 31.4
 265 25.7 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.378 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BE093620.D
 Acq: 2 Aug 2017 8:50

Tgt Ion: 252 Resp: 22046
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.5 27.7
 125 12.0 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 23.19 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

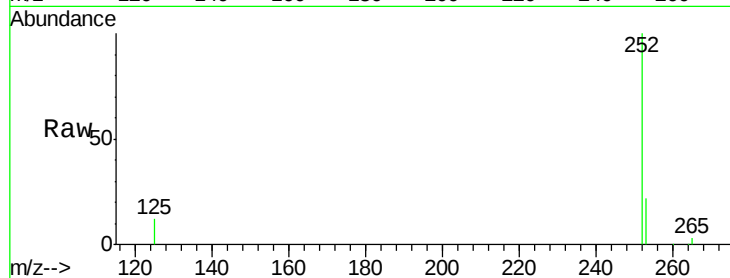
Tgt Ion:252 Resp: 22780

Ion Ratio Lower Upper

252 100

253 21.9 20.3 30.5

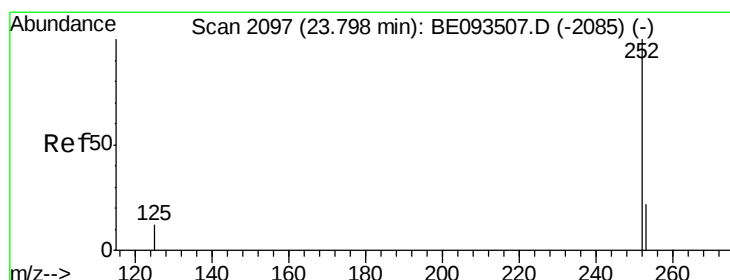
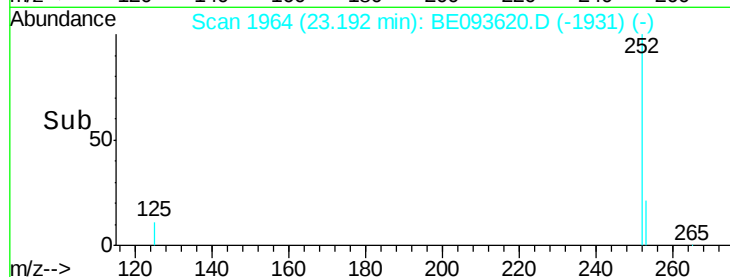
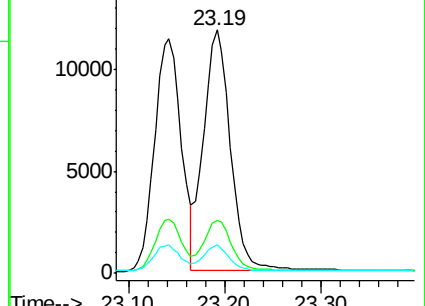
125 11.6 12.2 18.4#



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: 0.380 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

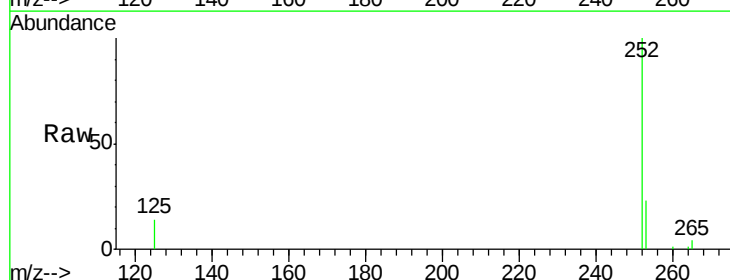
Tgt Ion:252 Resp: 20071

Ion Ratio Lower Upper

252 100

253 23.1 19.9 29.9

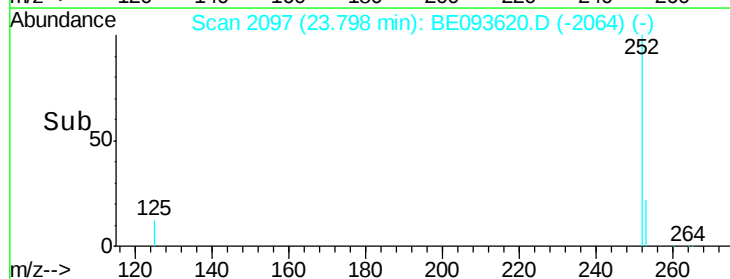
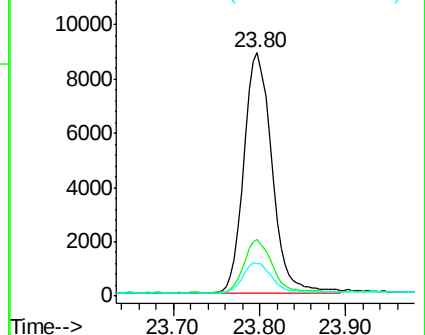
125 13.6 14.6 21.8#

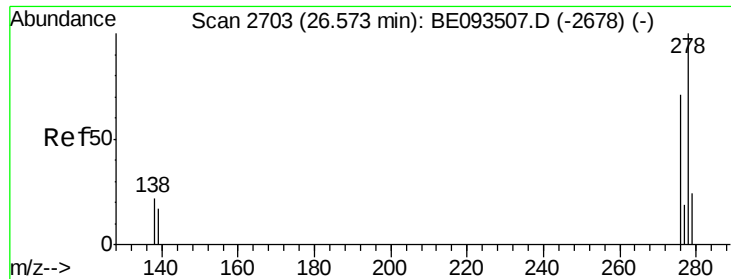


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.385 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

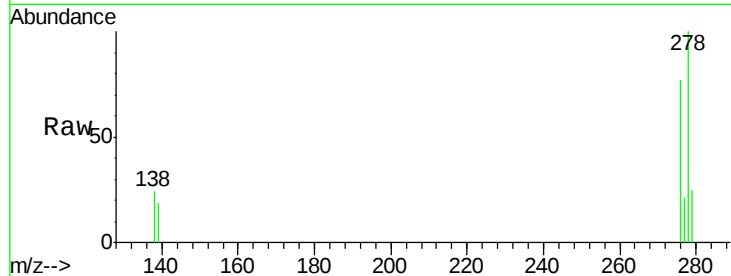
Tgt Ion: 278 Resp: 19654

Ion Ratio Lower Upper

278 100

139 18.7 21.4 32.0#

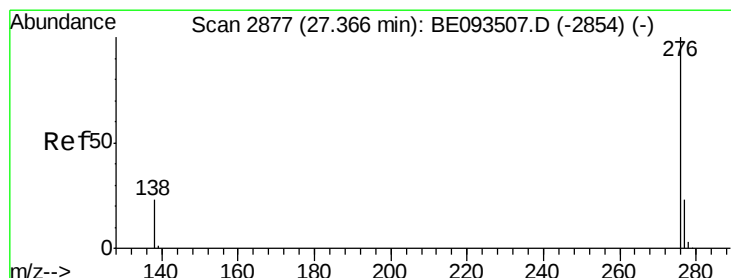
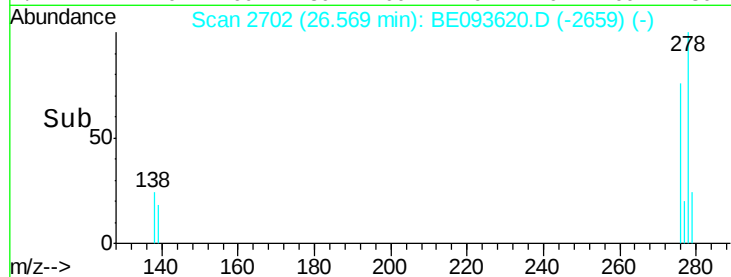
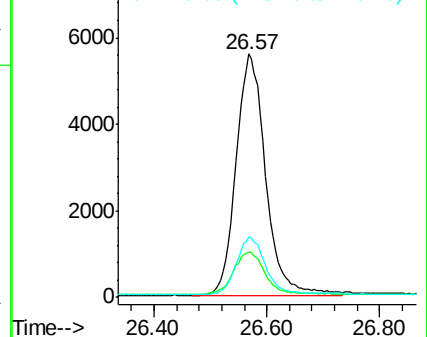
279 24.7 22.2 33.2



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: 0.379 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093620.D

Acq: 2 Aug 2017 8:50

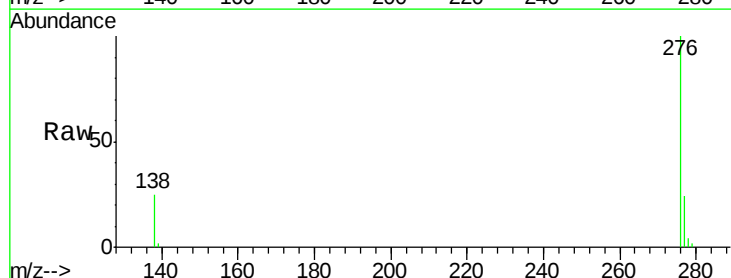
Tgt Ion: 276 Resp: 19638

Ion Ratio Lower Upper

276 100

277 24.3 21.2 31.8

138 24.8 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

