

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
 Data File : BE093693.D
 Acq On : 7 Aug 2017 9:18
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 07 11:37:27 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 11:34:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2549	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13016	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7765	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18682	0.40	ng	0.00
27) Chrysene-d12	21.42	240	20365	0.40	ng	0.01
34) Perylene-d12	23.92	264	18740	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	833	0.11	ng	0.00
5) Phenol-d6	7.10	99	1286	0.11	ng	0.01
8) Nitrobenzene-d5	9.06	82	1018	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	2120	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	192	0.11	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3200	0.10	ng	0.02
25) Fluoranthene-d10	19.27	212	21461	0.10	ng	0.00
29) Terphenyl-d14	19.86	244	3800	0.10	ng	0.00

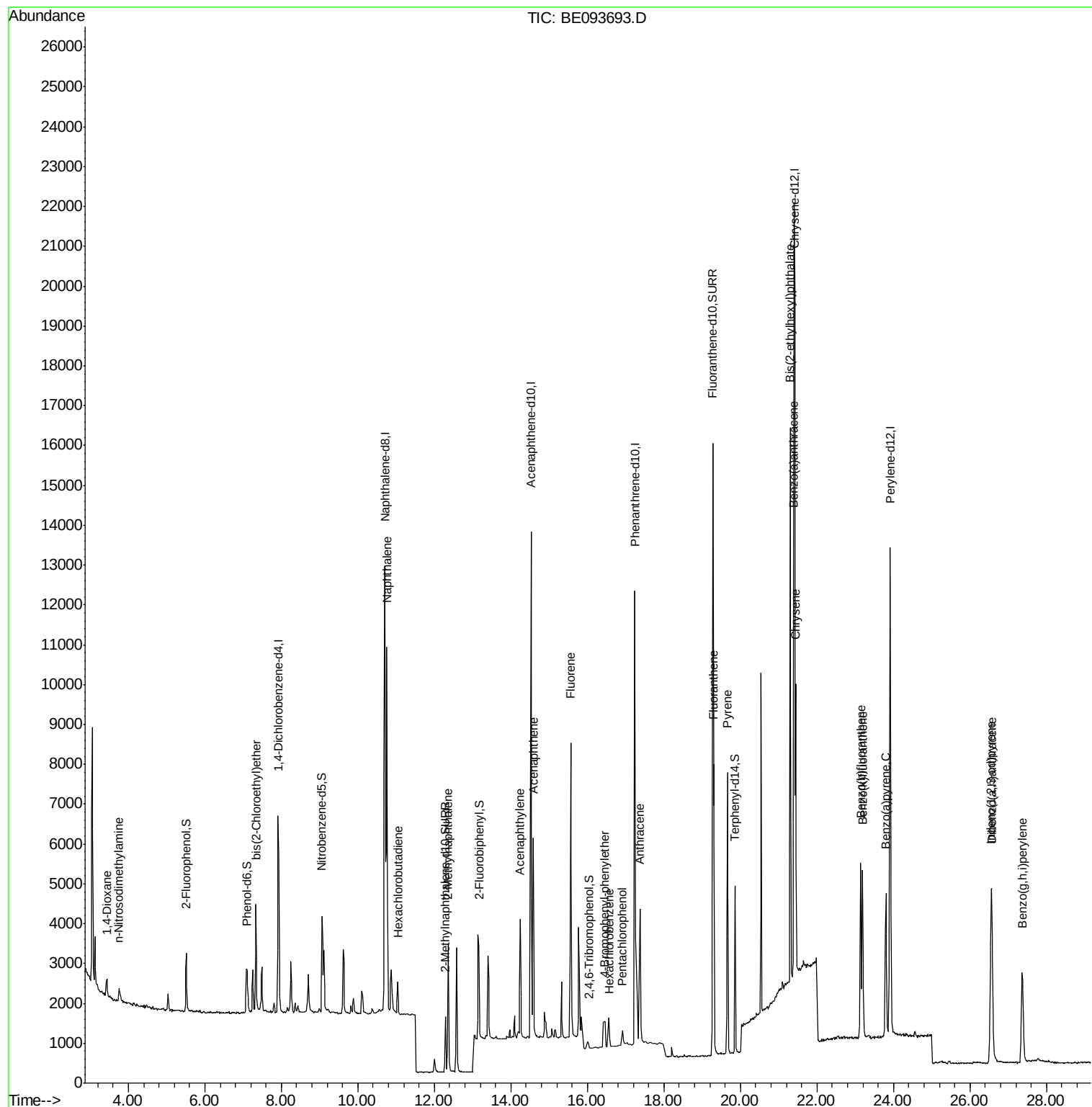
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	387	0.094	ng	# 84
3) n-Nitrosodimethylamine	3.75	42	382	0.099	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	977	0.102	ng	# 100
9) Naphthalene	10.76	128	15023	0.100	ng	# 99
10) Hexachlorobutadiene	11.04	225	556	0.100	ng	96
12) 2-Methylnaphthalene	12.36	142	2467	0.099	ng	97
16) Acenaphthylene	14.24	152	3625	0.098	ng	# 87
17) Acenaphthene	14.58	154	2518	0.096	ng	99
18) Fluorene	15.56	166	3393	0.097	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	618	0.105	ng	# 90
21) Hexachlorobenzene	16.58	284	589	0.098	ng	# 100
22) Pentachlorophenol	16.91	266	469	0.182	ng	92
24) Anthracene	17.37	178	9555	0.170	ng	# 84
26) Fluoranthene	19.30	202	6416	0.098	ng	98
28) Pyrene	19.67	202	6830	0.104	ng	# 99
30) Benzo(a)anthracene	21.39	228	6461	0.108	ng	94
31) Chrysene	21.45	228	6677	0.100	ng	94
32) Bis(2-ethylhexyl)phthalate	21.30	149	15163	0.186	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	6347	0.105	ng	94
35) Benzo(b)fluoranthene	23.14	252	6287	0.094	ng	95
36) Benzo(k)fluoranthene	23.19	252	6192	0.091	ng	97
37) Benzo(a)pyrene	23.80	252	5934	0.098	ng	# 92
38) Dibenzo(a,h)anthracene	26.57	278	5469	0.094	ng	95
39) Benzo(g,h,i)perylene	27.37	276	5581	0.094	ng	97

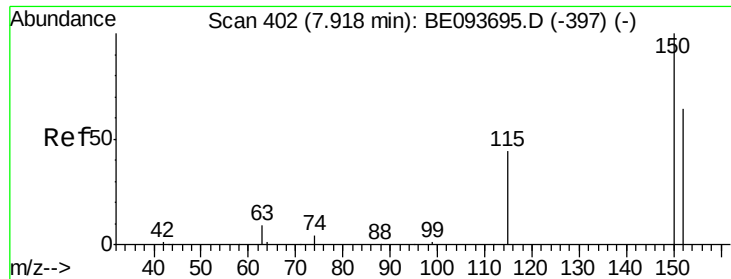
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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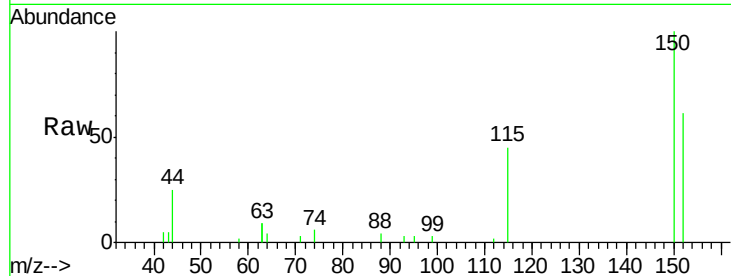


#1

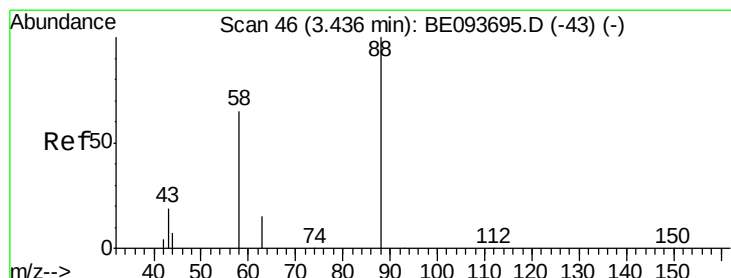
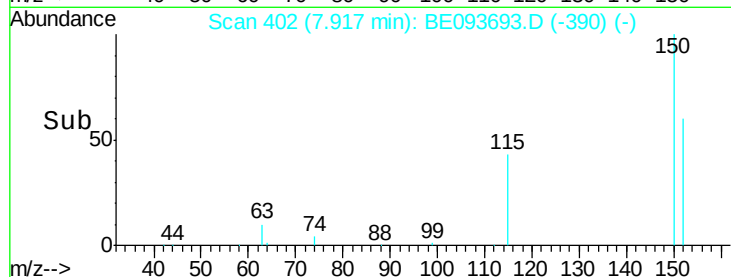
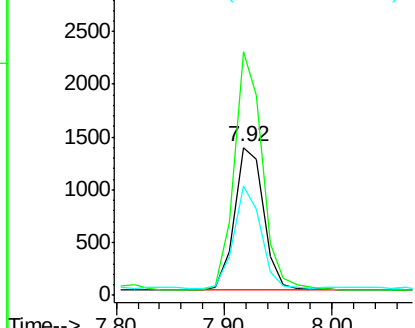
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion: 152 Resp: 2549
Ion Ratio Lower Upper
152 100
150 164.3 125.1 187.7
115 73.7 55.7 83.5



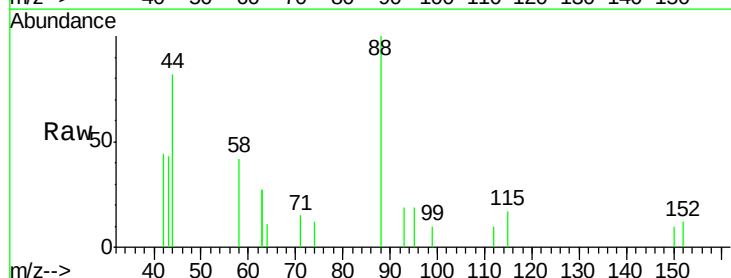
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



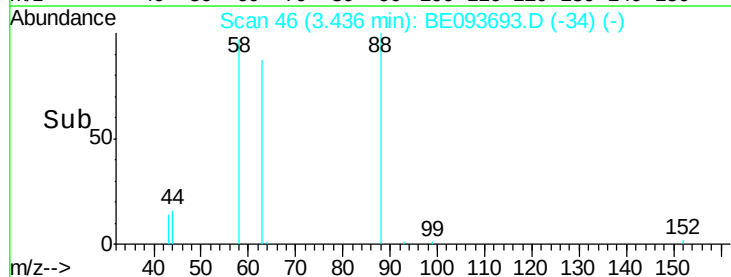
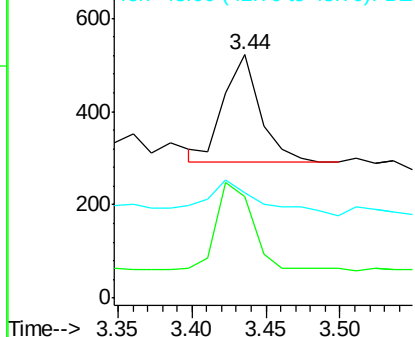
#2

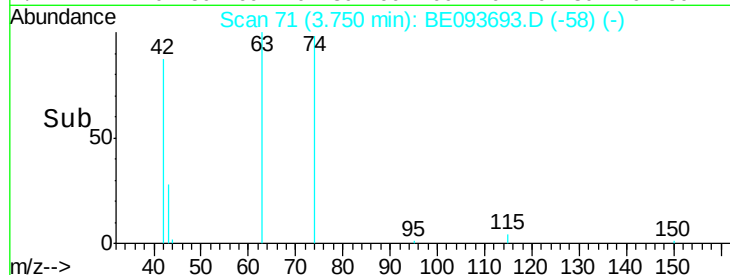
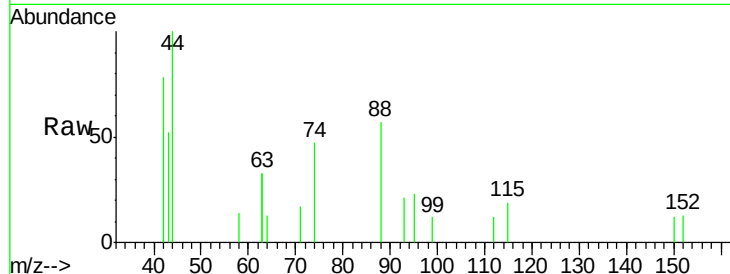
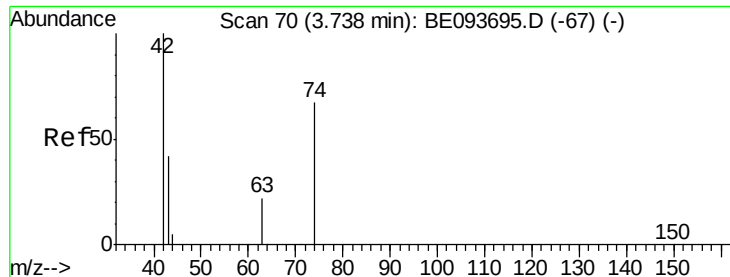
1,4-Dioxane
Concen: 0.094 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion: 88 Resp: 387
Ion Ratio Lower Upper
88 100
58 84.8 62.2 93.4
43 49.6 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

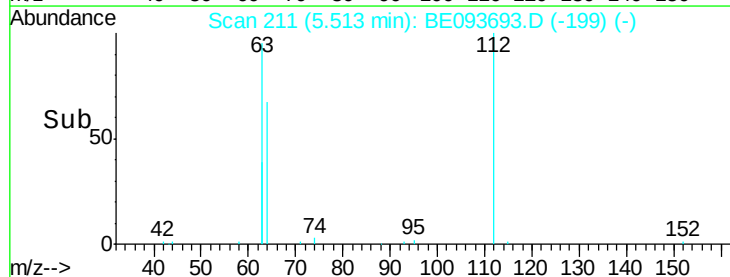
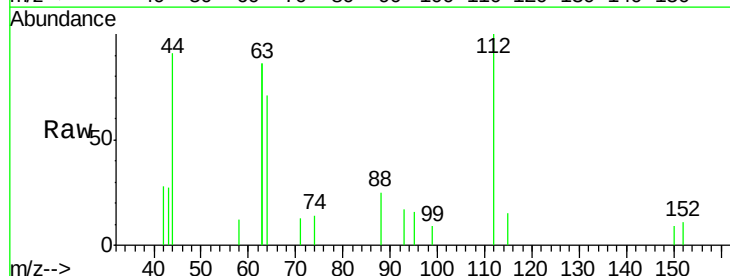
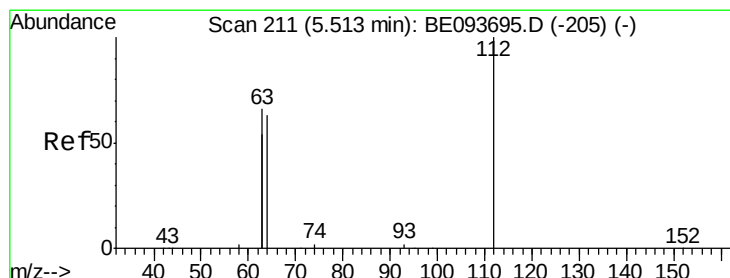
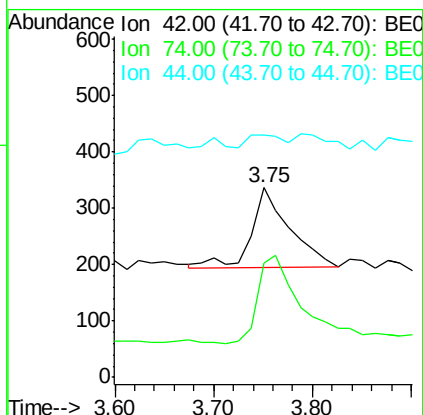




#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

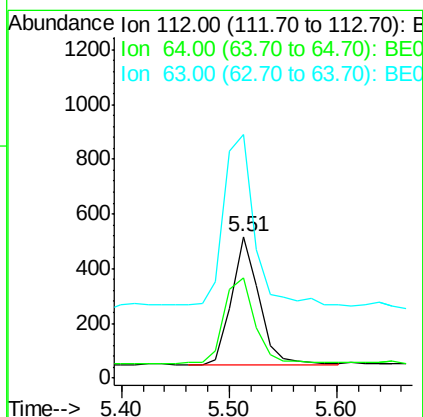
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

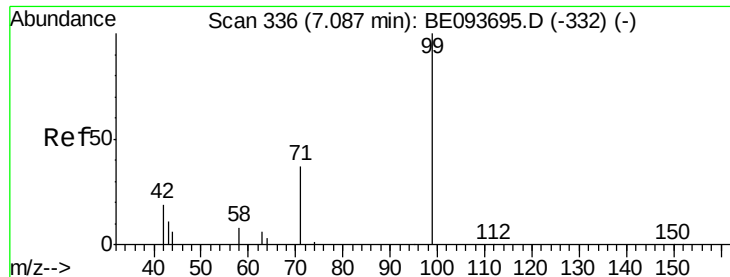
Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
74 128.8 99.1 148.7
44 0.0 7.4 11.2#



#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion: 112 Resp: 833
Ion Ratio Lower Upper
112 100
64 77.7 56.4 84.6
63 153.7 29.3 43.9#





#5

Phenol-d6

Concen: 0.112 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

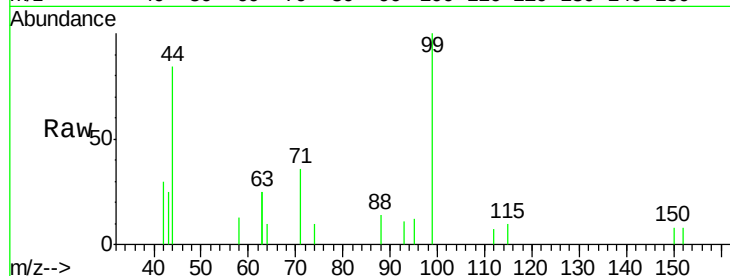
Tgt Ion: 99 Resp: 1286

Ion Ratio Lower Upper

99 100

42 22.0 0.0 0.0#

71 34.7 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

7.10

600

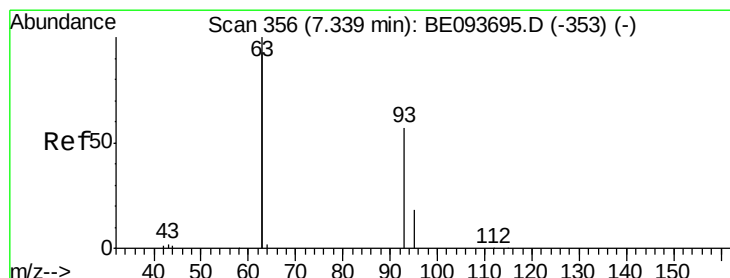
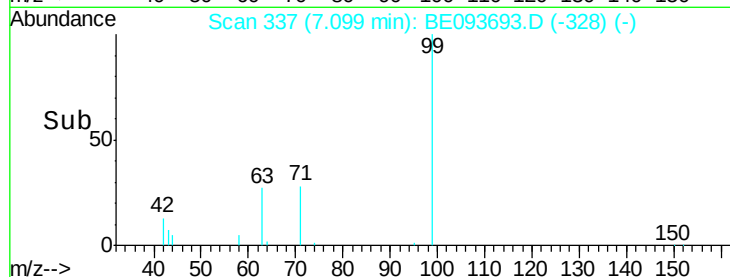
400

200

0

7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.102 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

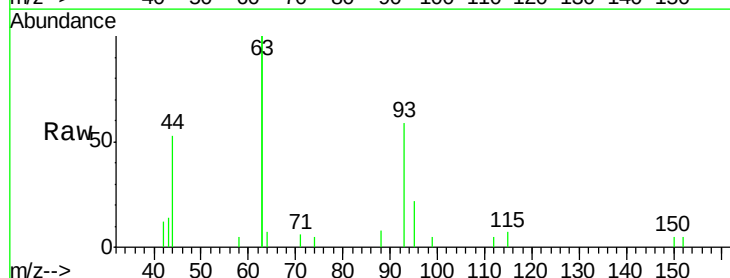
Tgt Ion: 93 Resp: 977

Ion Ratio Lower Upper

93 100

63 349.0 0.0 0.0#

95 31.8 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

7.34

3000

2500

2000

1500

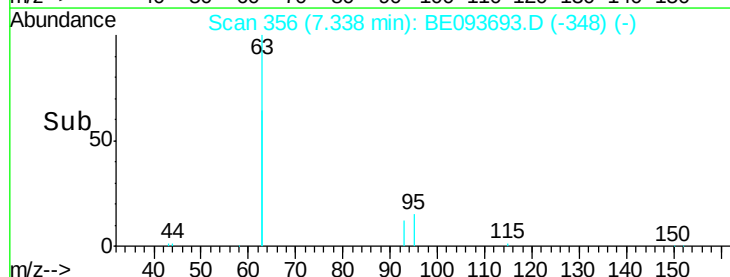
1000

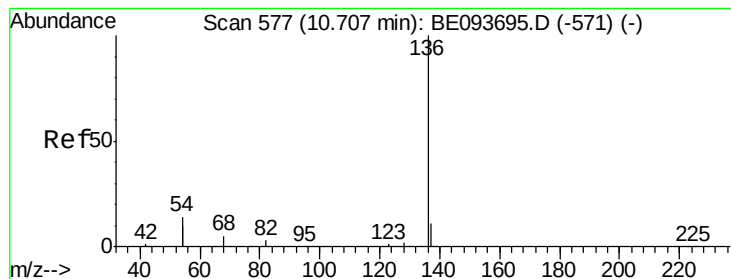
500

0

7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 13016

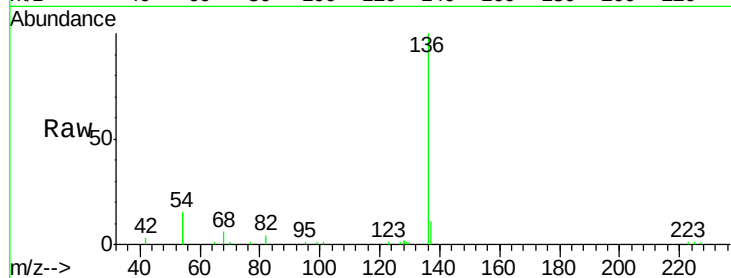
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 29.7 10.3 15.5#

68 6.4 9.0 13.4#

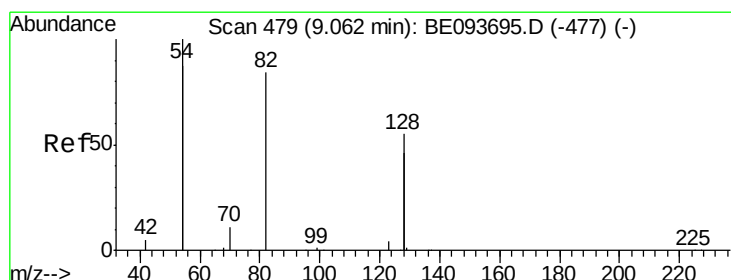
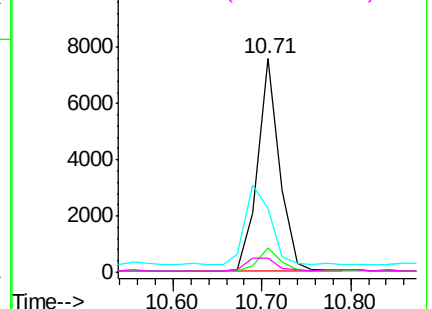
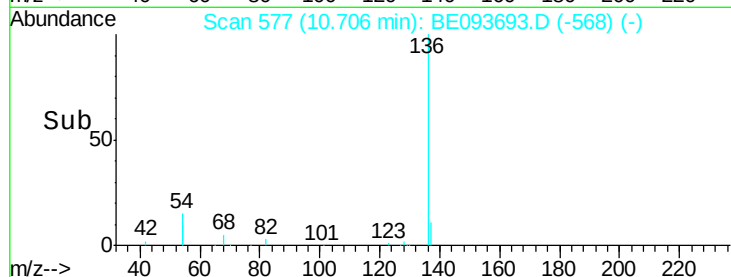


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.102 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

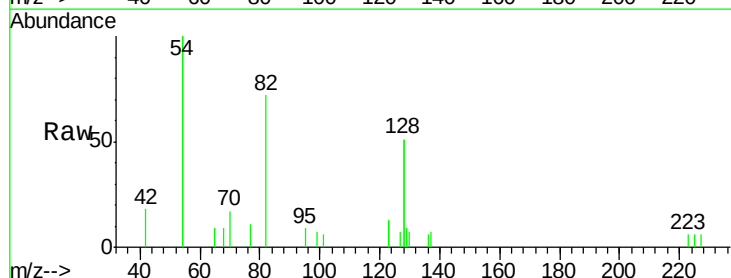
Tgt Ion: 82 Resp: 1018

Ion Ratio Lower Upper

82 100

128 140.0 17.0 25.4#

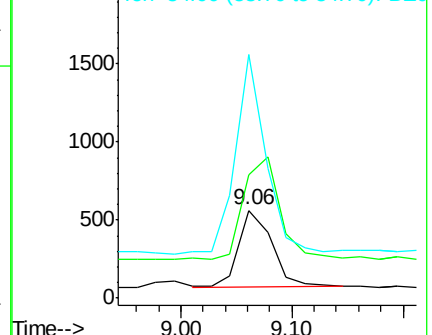
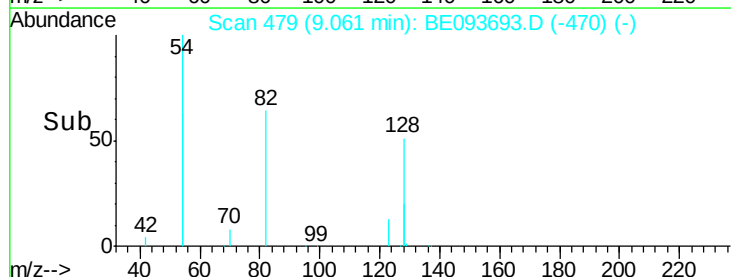
54 277.1 53.8 80.6#

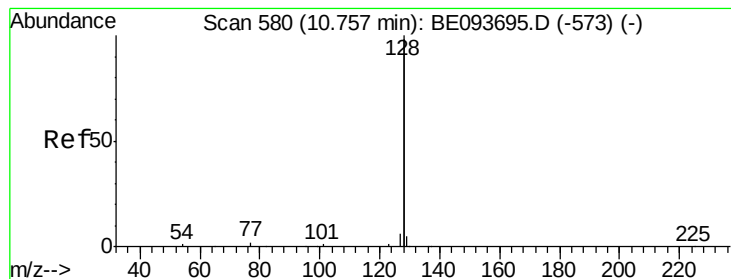


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.100 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

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ClientSampleId :

SSTDIC0.1

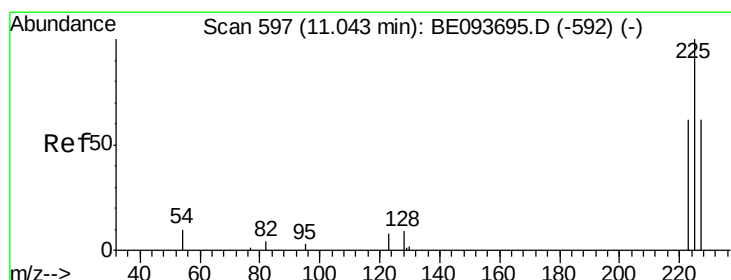
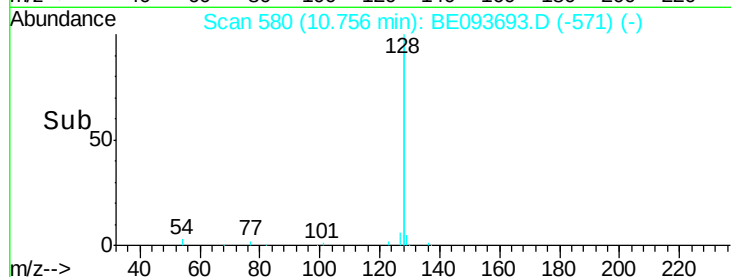
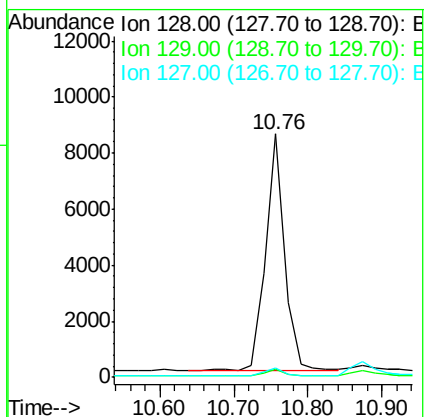
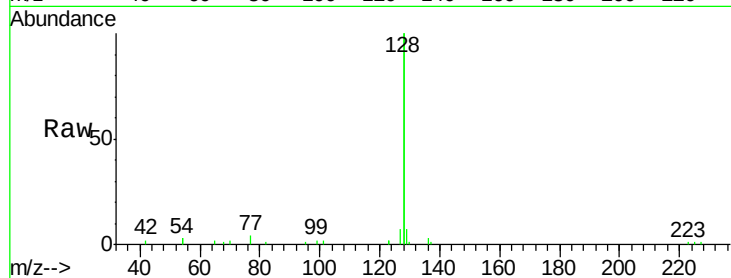
Tgt Ion:128 Resp: 15023

Ion Ratio Lower Upper

128 100

129 3.3 2.4 3.6

127 3.7 2.4 3.6#



#10

Hexachlorobutadiene

Concen: 0.100 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

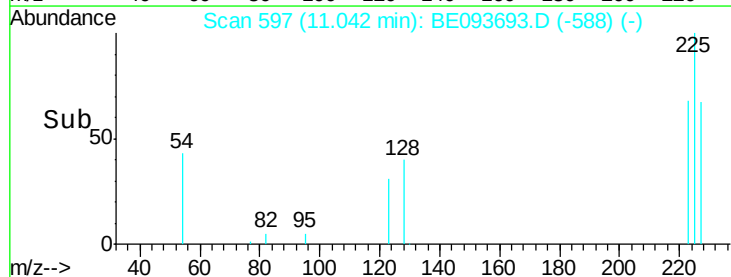
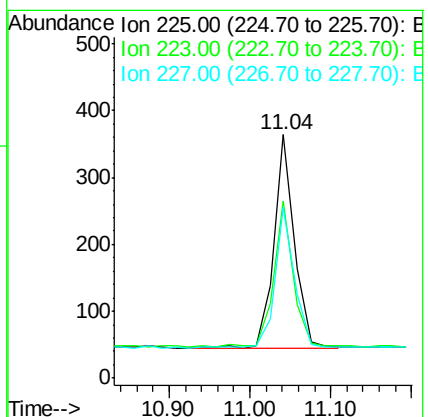
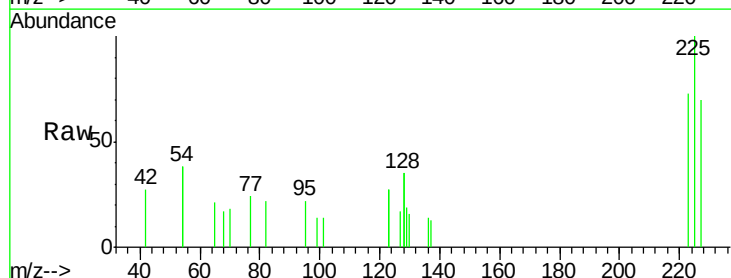
Tgt Ion:225 Resp: 556

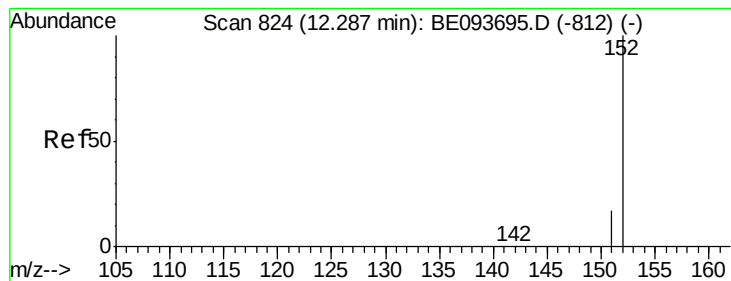
Ion Ratio Lower Upper

225 100

223 66.9 49.7 74.5

227 61.3 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.103 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

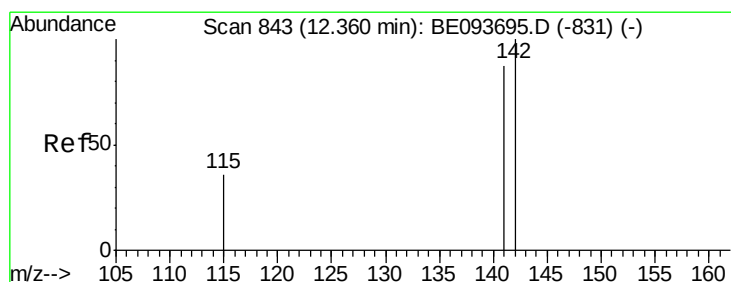
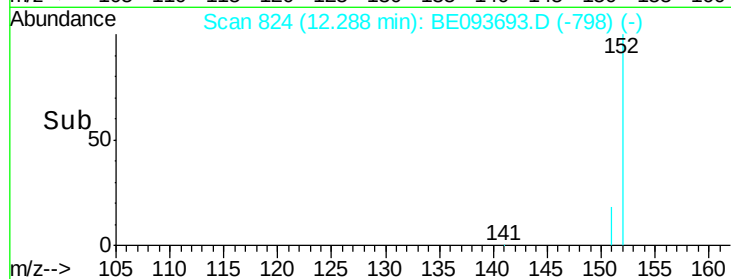
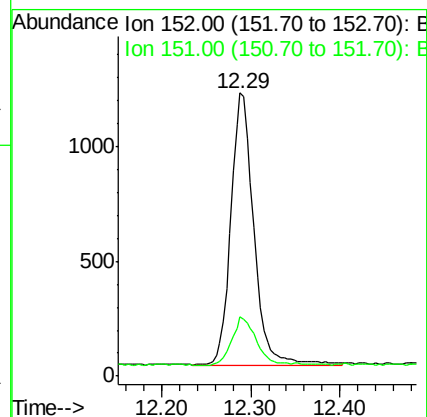
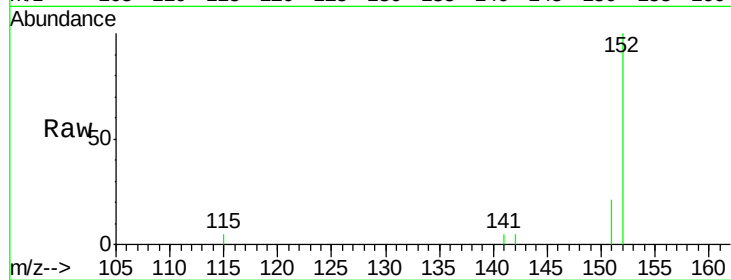
SSTDIC0.1

Tgt Ion:152 Resp: 2120

Ion Ratio Lower Upper

152 100

151 18.4 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

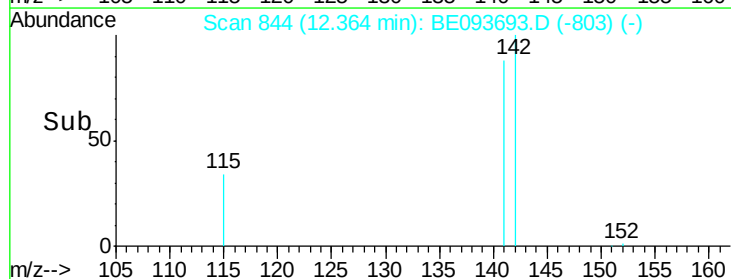
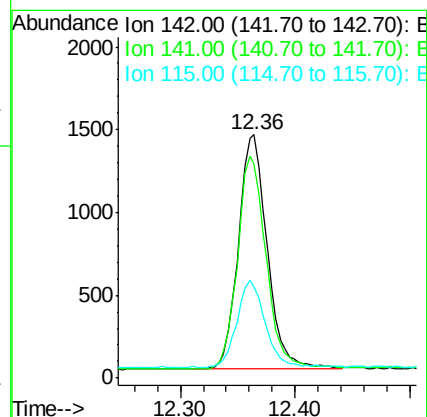
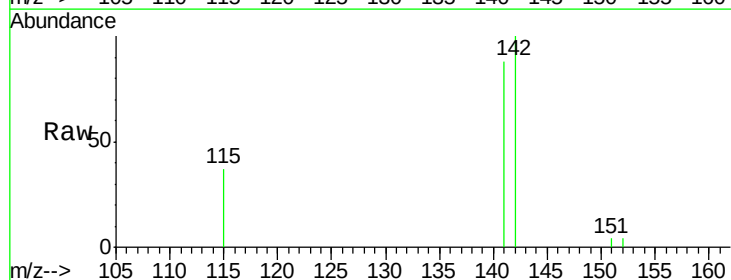
Tgt Ion:142 Resp: 2467

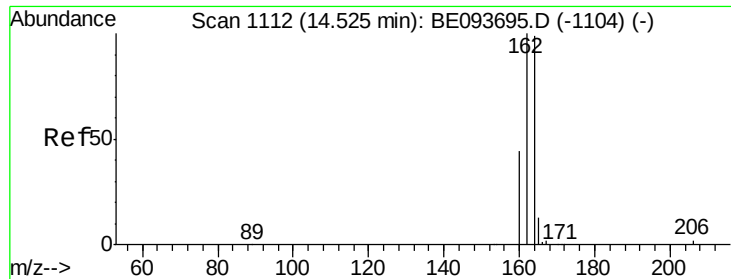
Ion Ratio Lower Upper

142 100

141 88.2 72.6 108.8

115 37.4 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

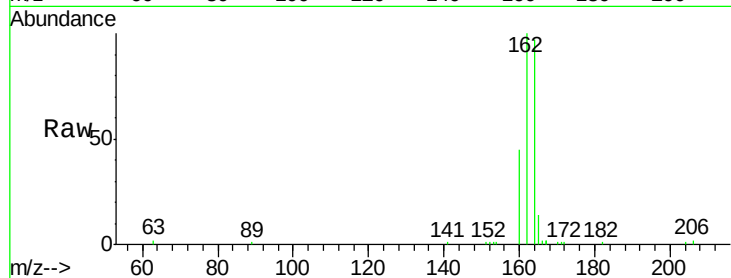
Tgt Ion:164 Resp: 7765

Ion Ratio Lower Upper

164 100

162 102.8 84.6 127.0

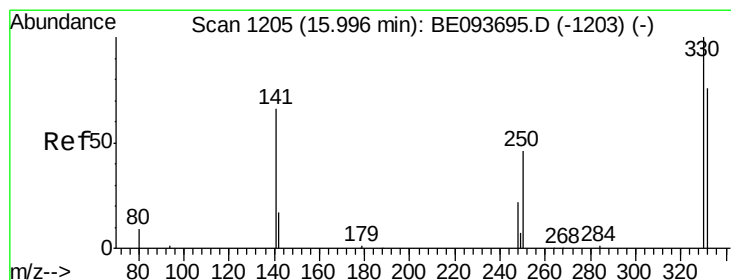
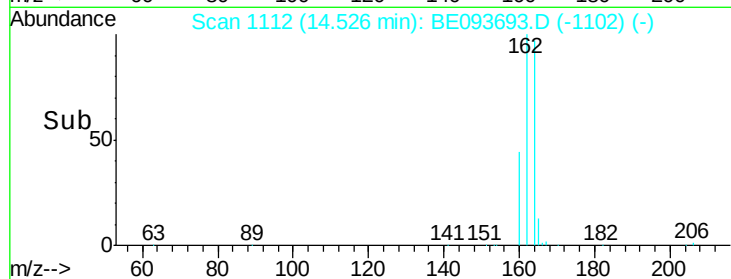
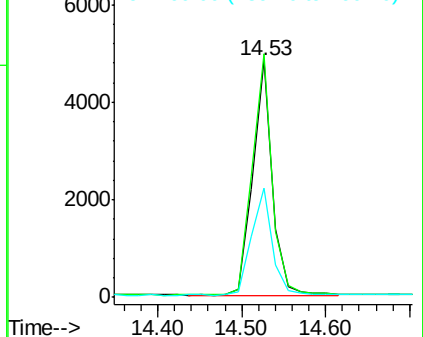
160 46.1 41.8 62.6



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: 0.107 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

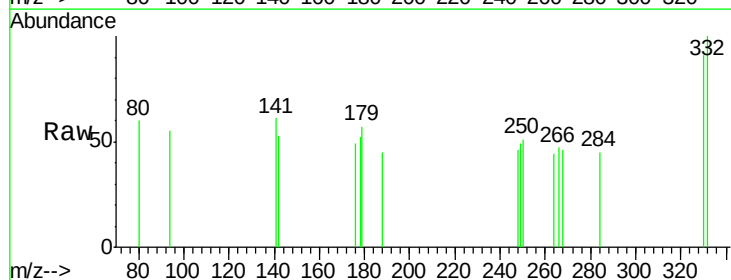
Tgt Ion:330 Resp: 192

Ion Ratio Lower Upper

330 100

332 101.0 77.7 116.5

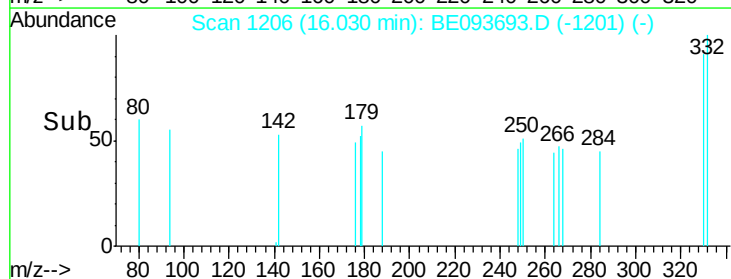
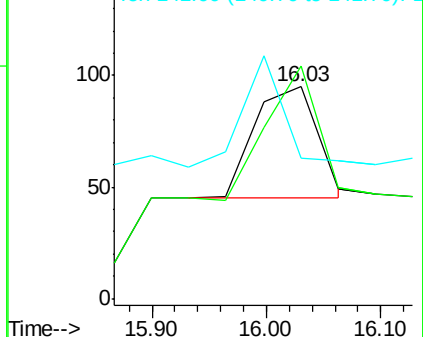
141 0.0 56.2 84.4#

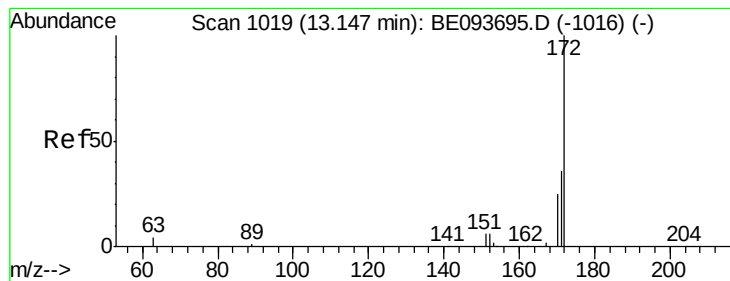


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.103 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.02 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

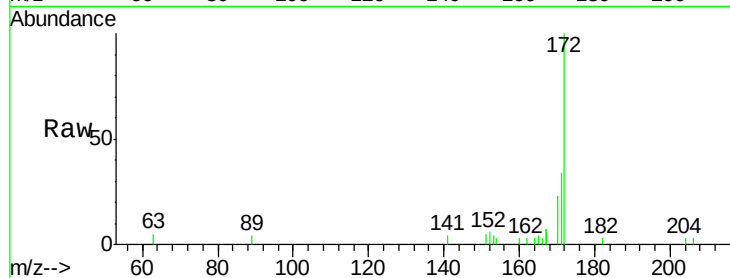
Tgt Ion:172 Resp: 3200

Ion Ratio Lower Upper

172 100

171 34.4 29.8 44.6

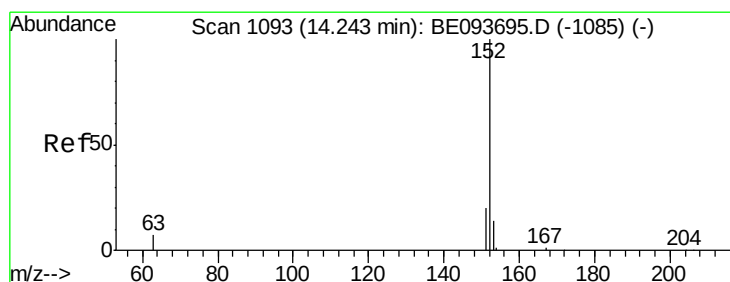
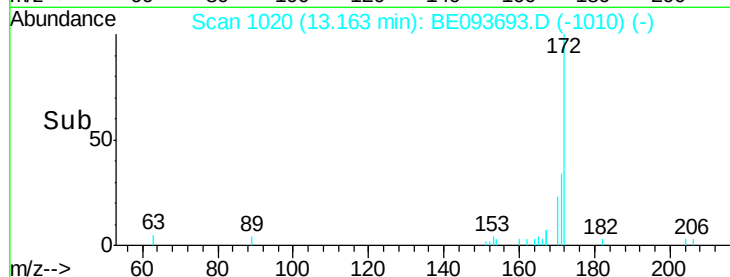
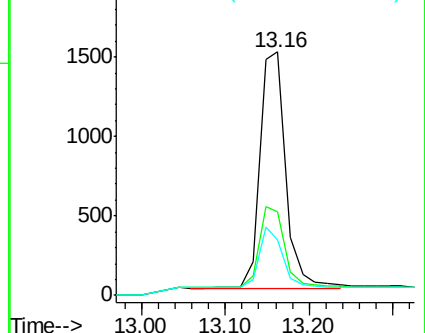
170 22.9 20.7 31.1



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: 0.098 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

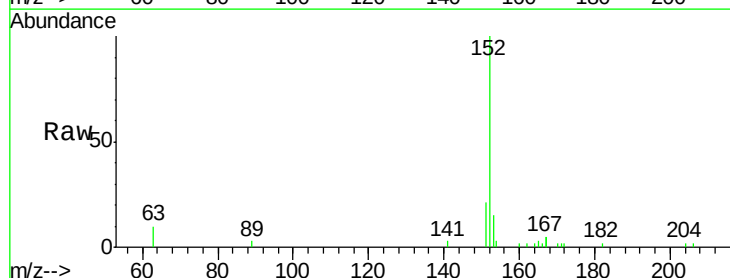
Tgt Ion:152 Resp: 3625

Ion Ratio Lower Upper

152 100

151 19.8 4.0 6.0#

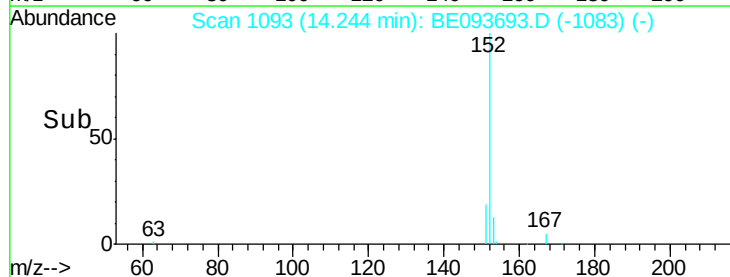
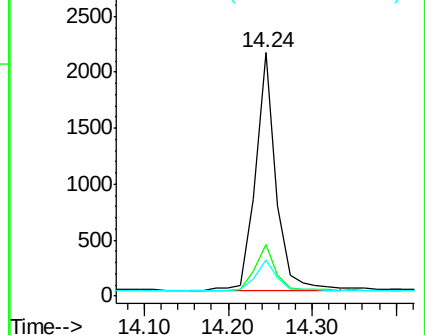
153 13.2 10.3 15.5

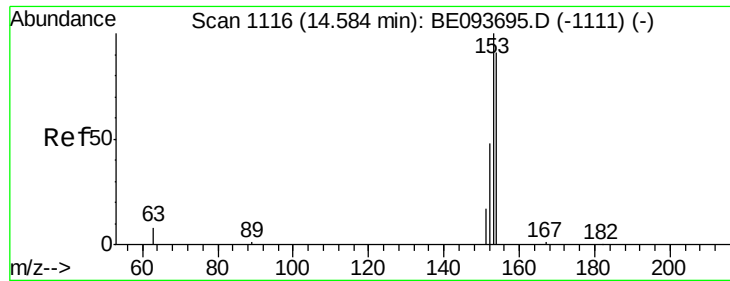


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

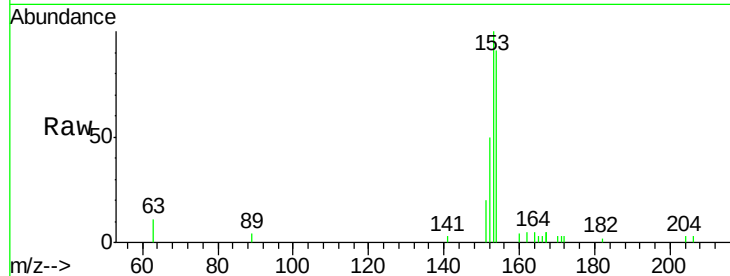




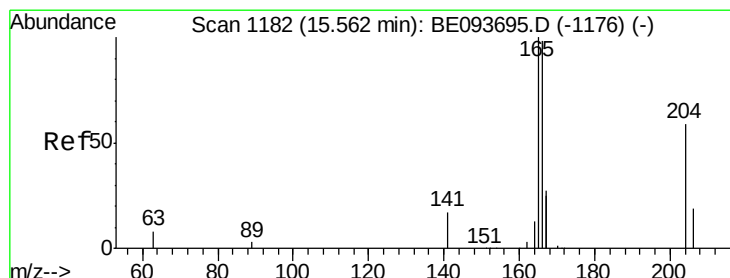
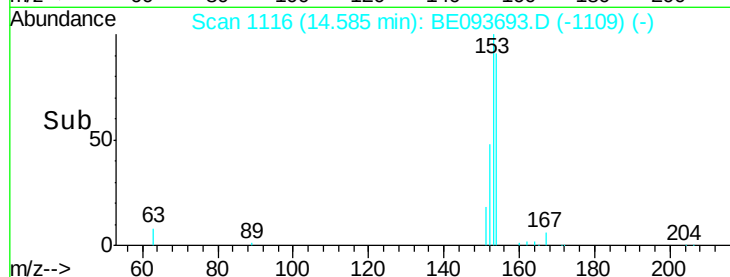
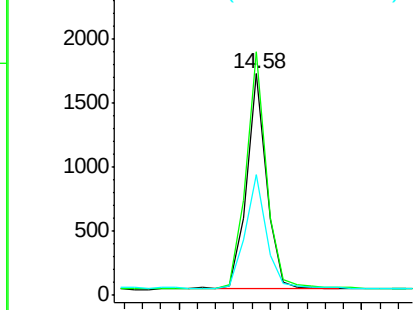
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:154 Resp: 2518
Ion Ratio Lower Upper
154 100
153 114.7 91.2 136.8
152 56.6 44.8 67.2

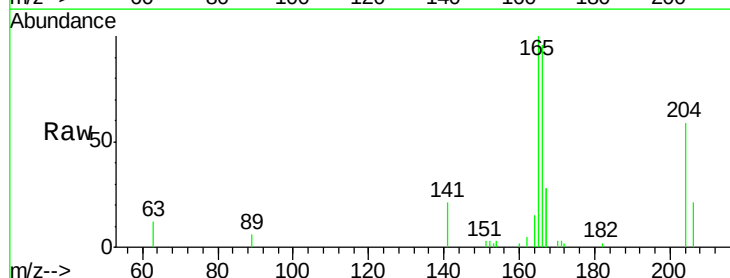


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

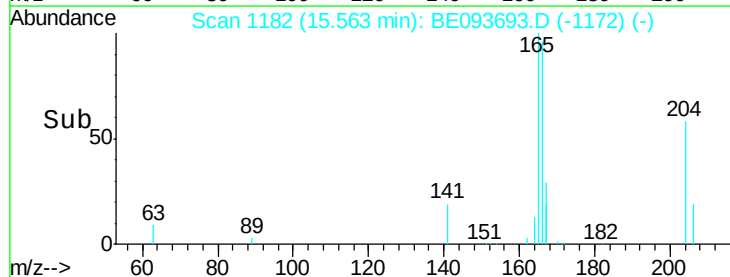
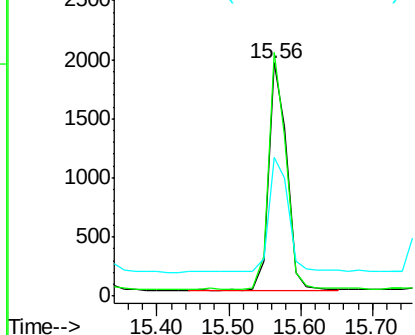


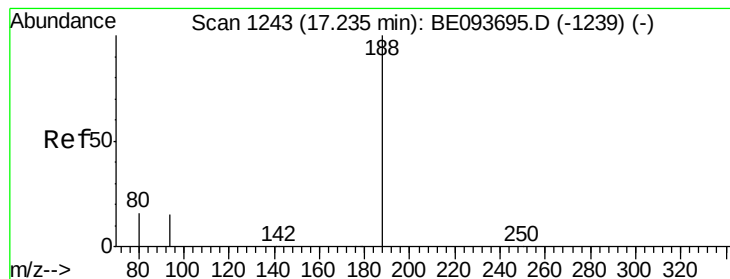
#18
Fluorene
Concen: 0.097 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion:166 Resp: 3393
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 53.0 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

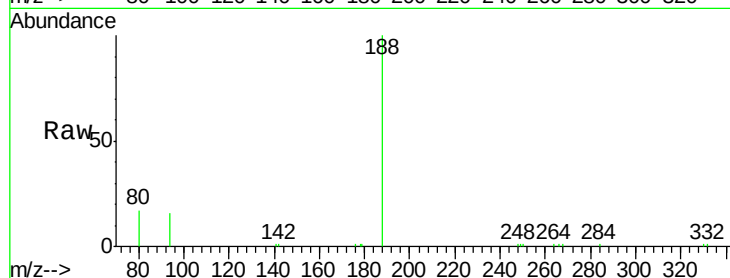
Tgt Ion:188 Resp: 18682

Ion Ratio Lower Upper

188 100

94 16.0 11.3 16.9

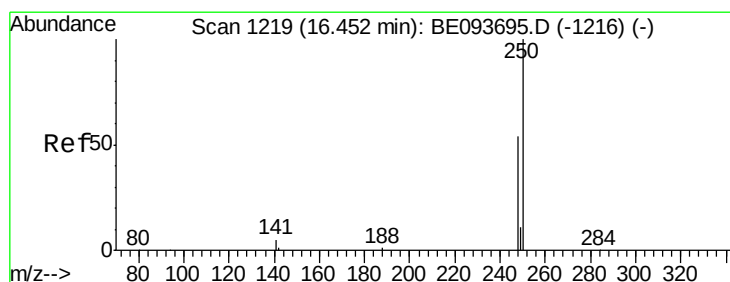
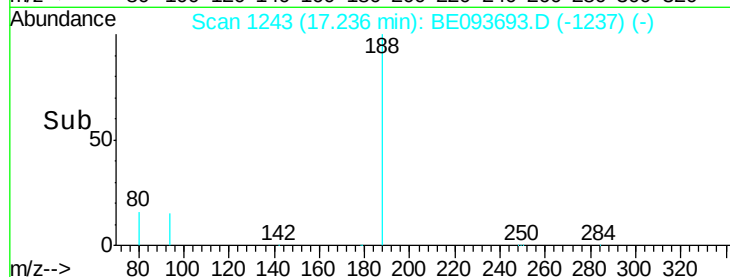
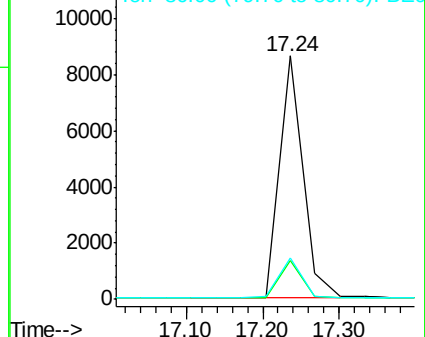
80 17.1 11.7 17.5



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: 0.105 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

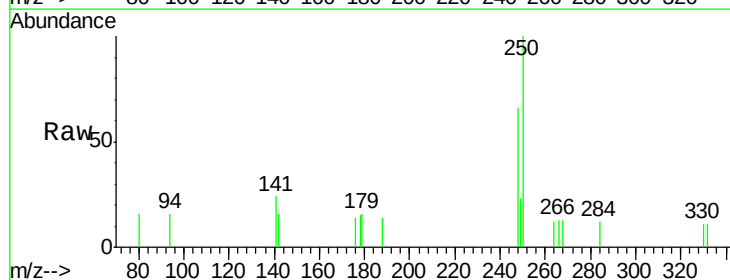
Tgt Ion:248 Resp: 618

Ion Ratio Lower Upper

248 100

250 151.3 128.0 192.0

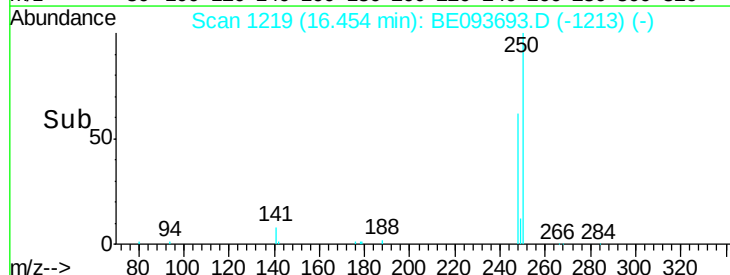
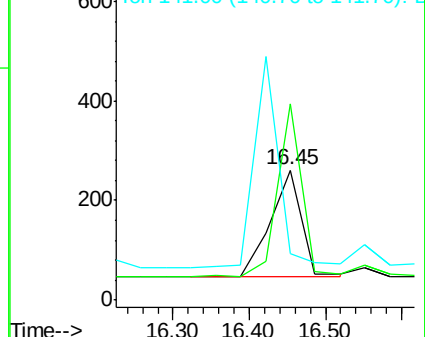
141 35.6 12.0 18.0#

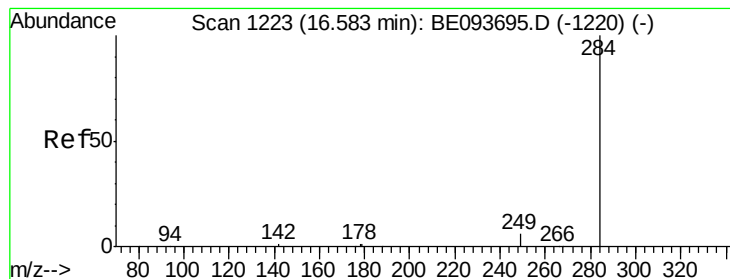


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.098 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

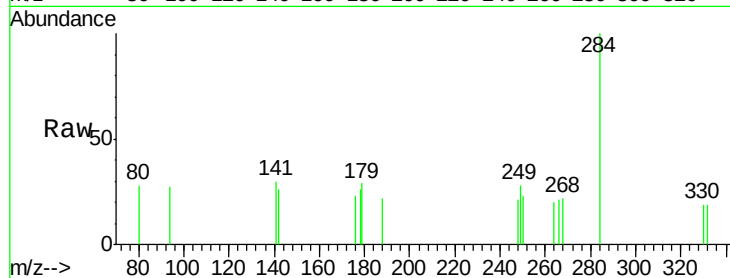
Tgt Ion:284 Resp: 589

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

249 0.0 0.0 0.0

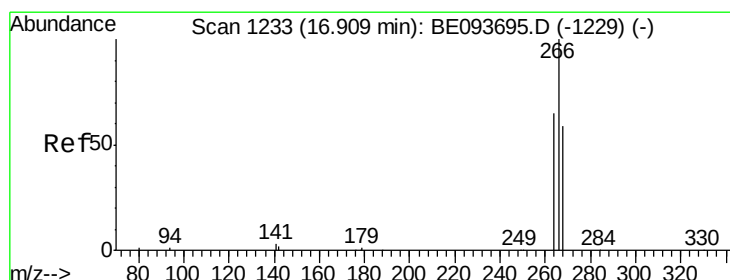
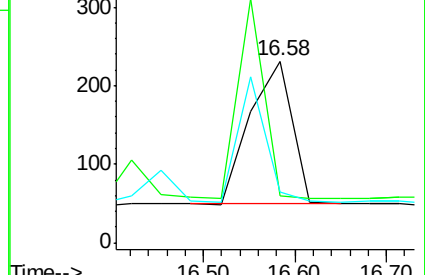
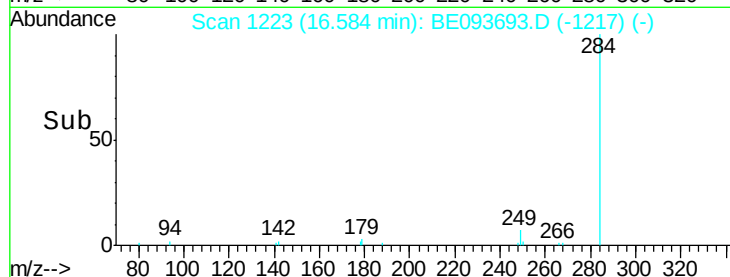


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.58



#22

Pentachlorophenol

Concen: 0.182 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

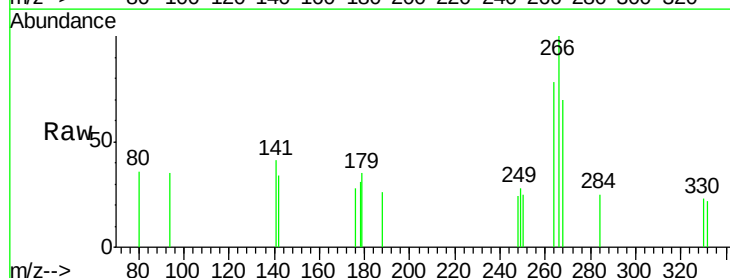
Tgt Ion:266 Resp: 469

Ion Ratio Lower Upper

266 100

264 78.0 56.0 84.0

268 69.5 52.0 78.0

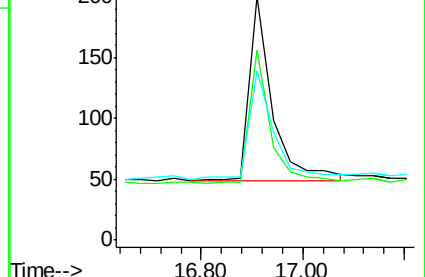
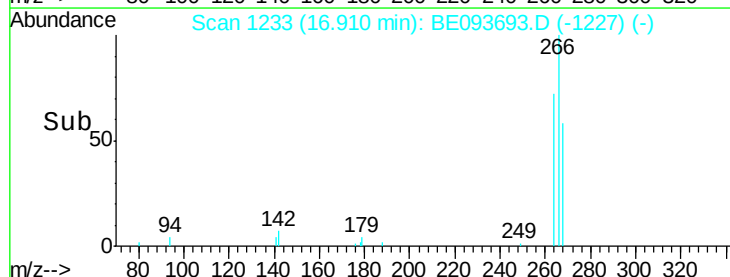


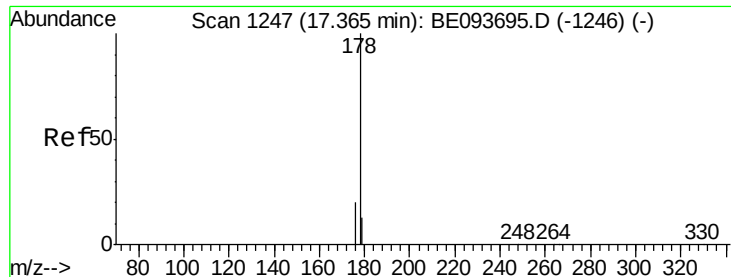
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.91





#24

Anthracene

Concen: 0.170 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

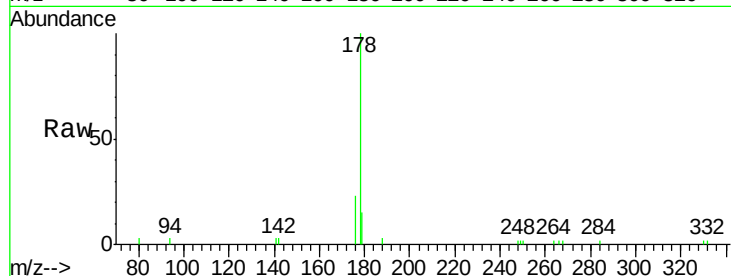
Tgt Ion:178 Resp: 9555

Ion Ratio Lower Upper

178 100

176 11.5 14.6 22.0#

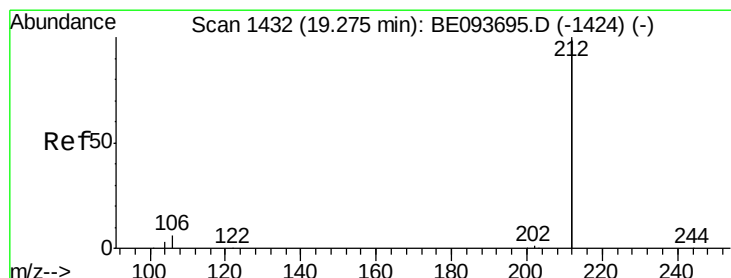
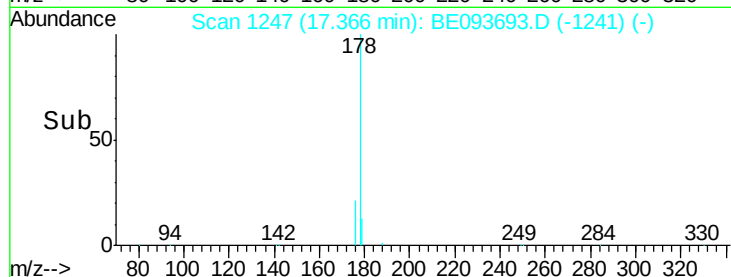
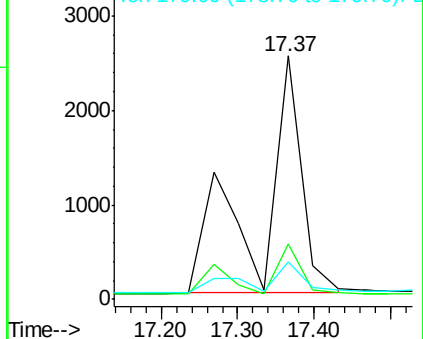
179 7.6 12.0 18.0#



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: 0.101 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

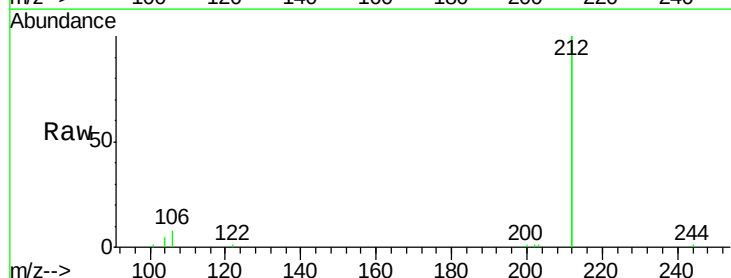
Tgt Ion:212 Resp: 21461

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

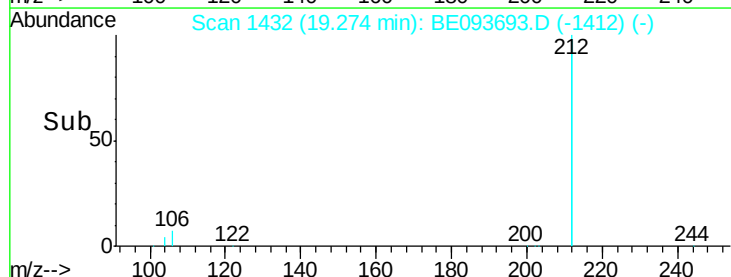
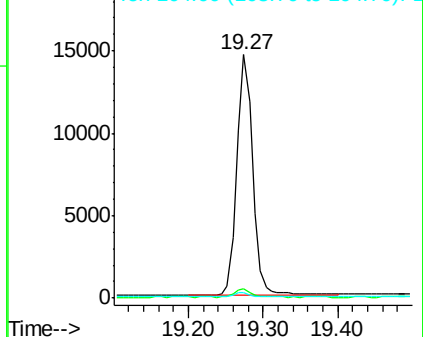
104 2.1 1.6 2.4

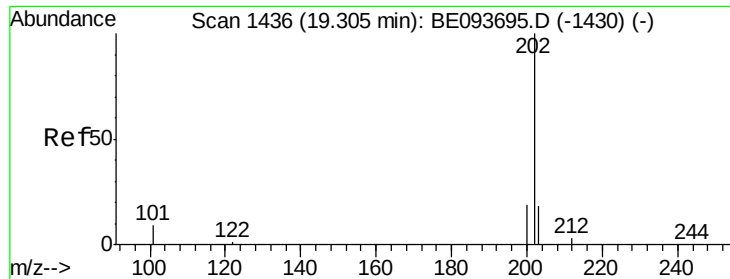


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

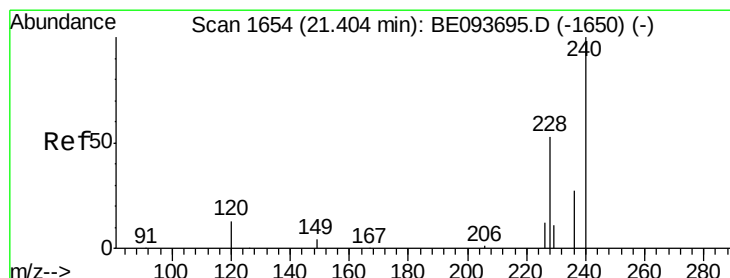
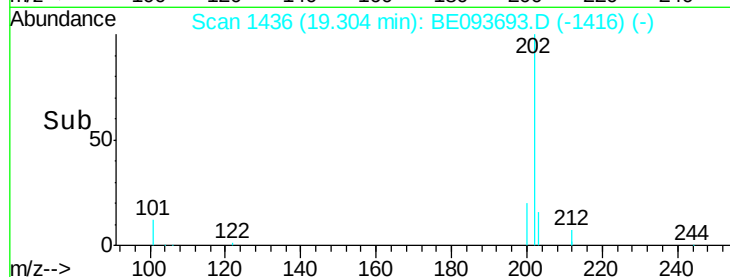
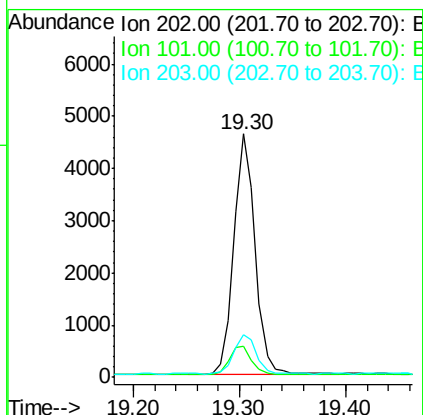
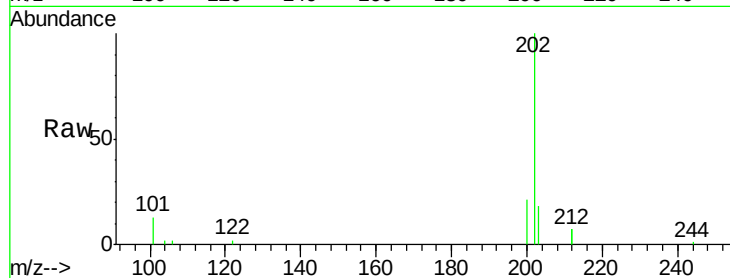




#26
Fluoranthene
Concen: 0.098 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

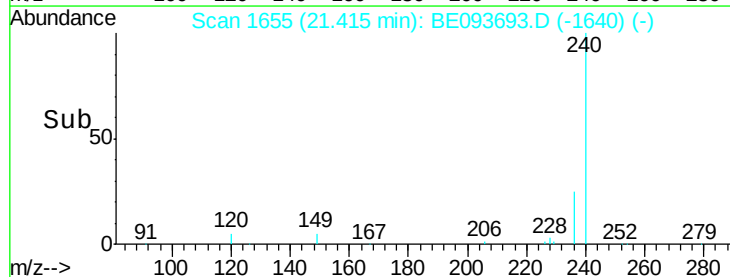
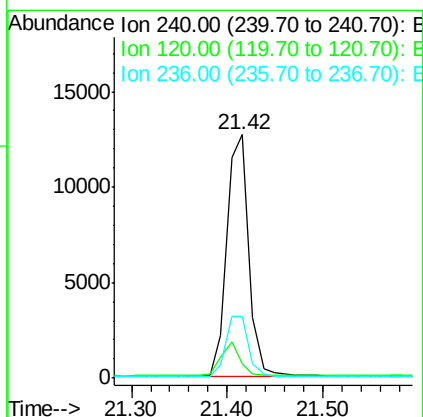
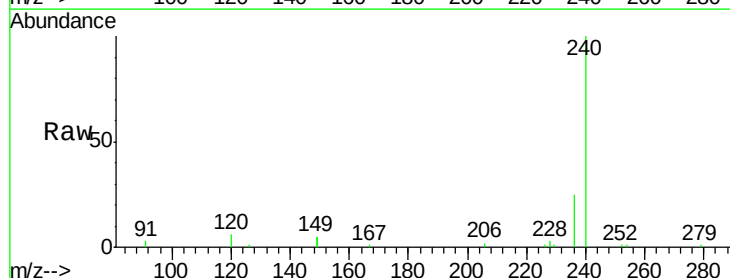
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

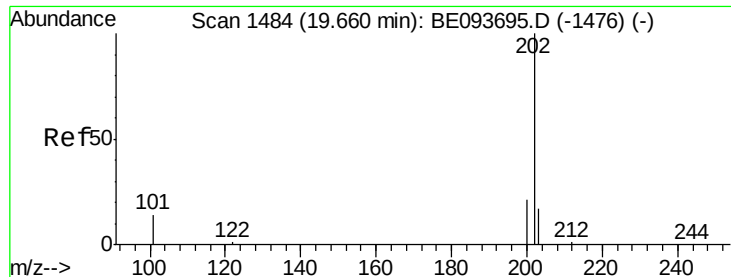
Tgt Ion:202 Resp: 6416
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
203 17.1 14.4 21.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion:240 Resp: 20365
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.5 20.8 31.2





#28

Pyrene

Concen: 0.104 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

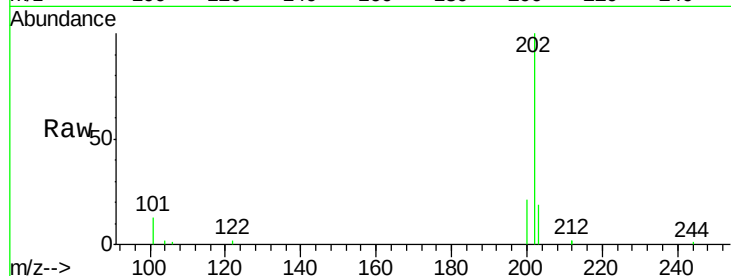
Tgt Ion:202 Resp: 6830

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

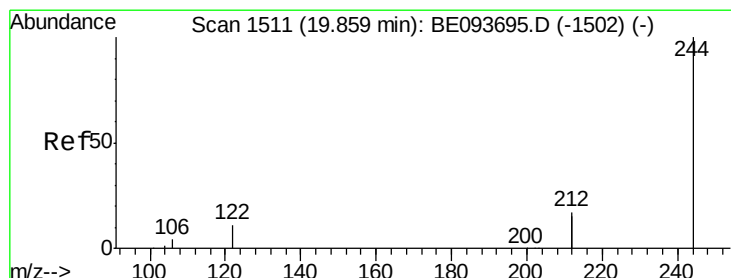
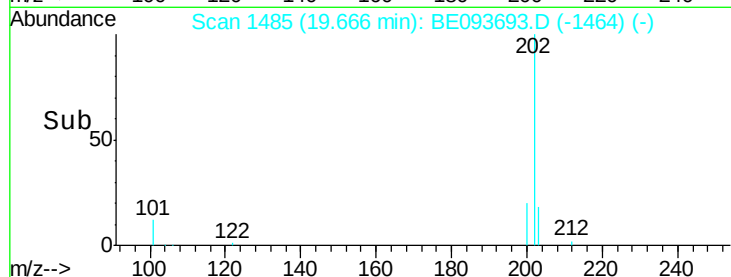
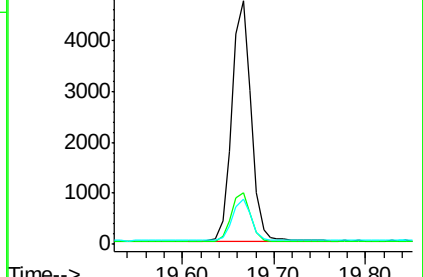
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.104 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

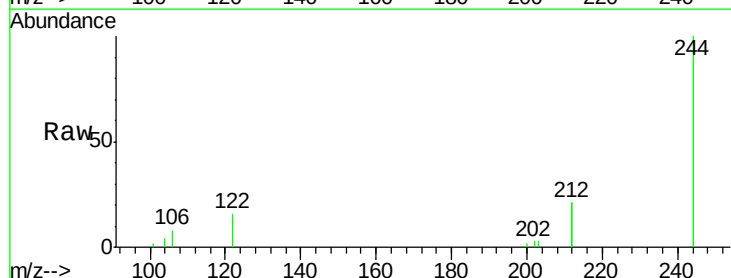
Tgt Ion:244 Resp: 3800

Ion Ratio Lower Upper

244 100

212 42.5 10.6 16.0#

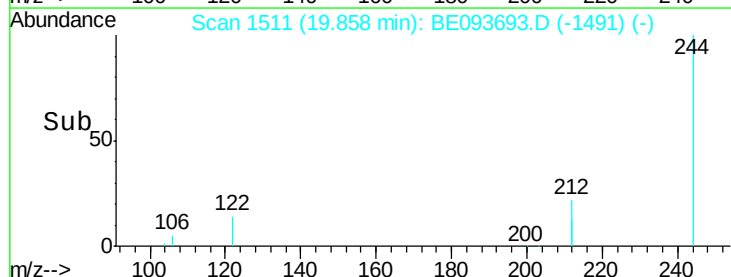
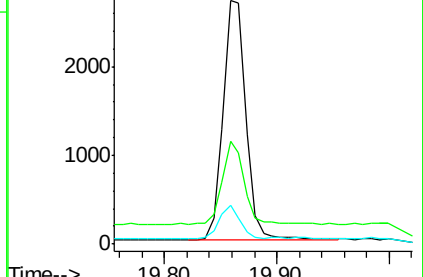
122 15.9 15.4 23.0

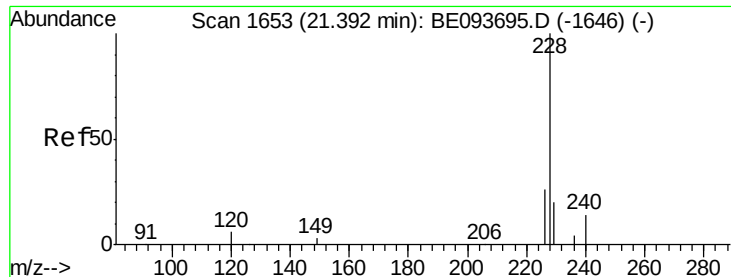


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.108 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

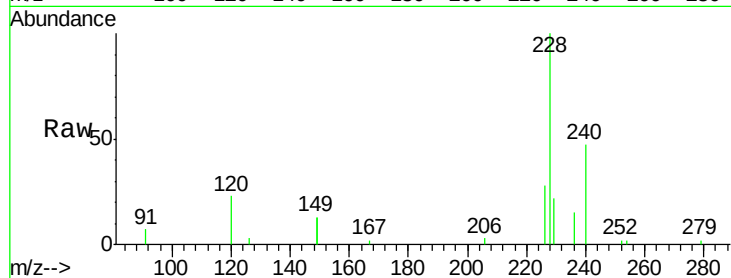
Tgt Ion:228 Resp: 6461

Ion Ratio Lower Upper

228 100

226 27.8 19.7 29.5

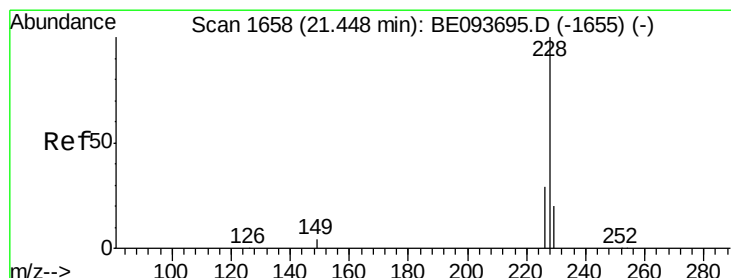
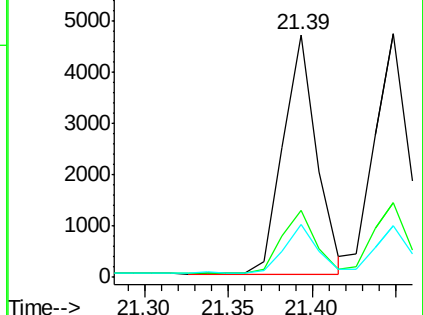
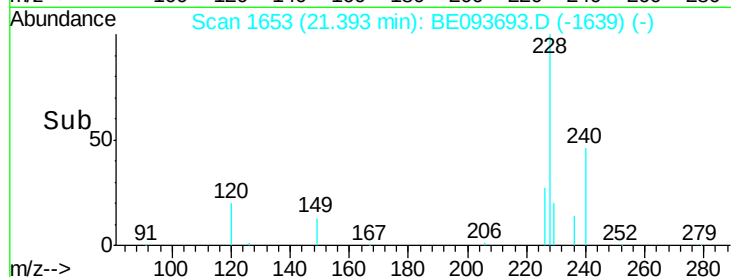
229 21.6 19.2 28.8



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: 0.100 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

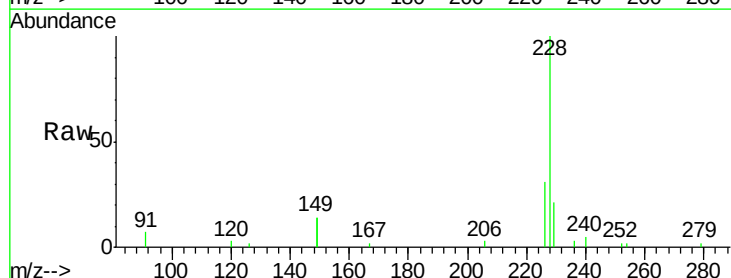
Tgt Ion:228 Resp: 6677

Ion Ratio Lower Upper

228 100

226 30.8 21.5 32.3

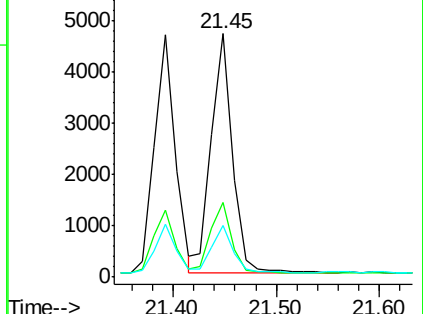
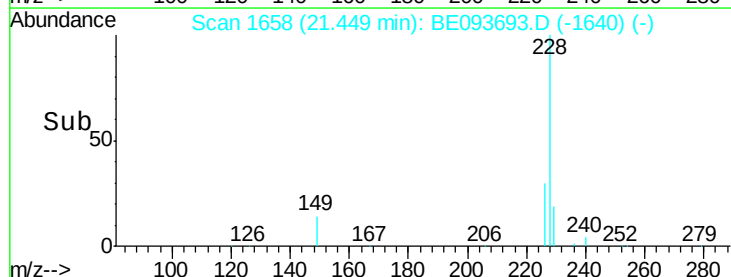
229 20.9 18.6 28.0

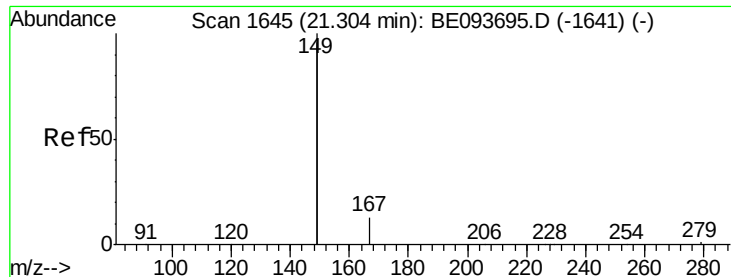


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.186 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

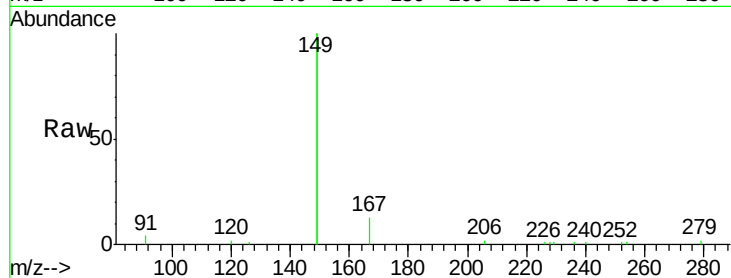
Tgt Ion:149 Resp: 15163

Ion Ratio Lower Upper

149 100

167 6.9 4.8 7.2

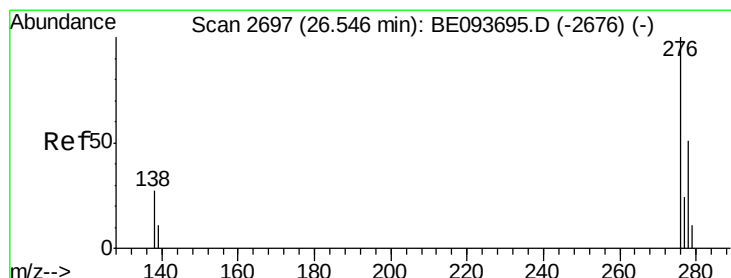
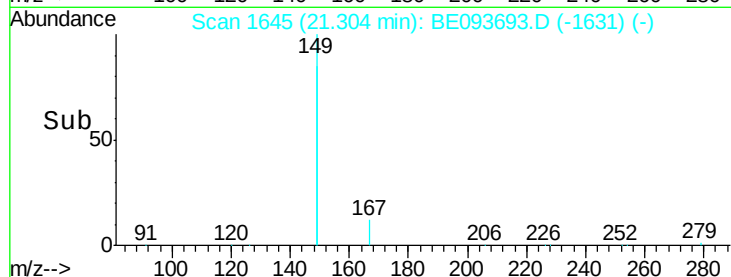
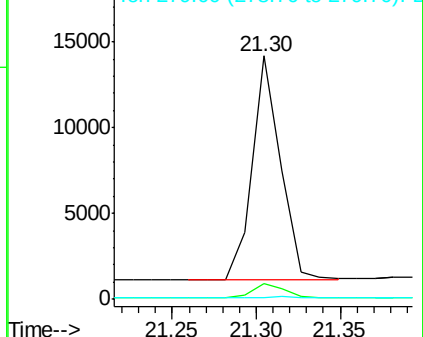
279 1.2 0.8 1.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BE093693.D

Acq: 7 Aug 2017 9:18

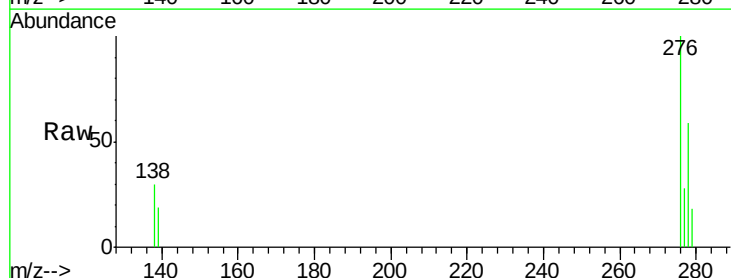
Tgt Ion:276 Resp: 6347

Ion Ratio Lower Upper

276 100

138 28.4 27.4 41.2

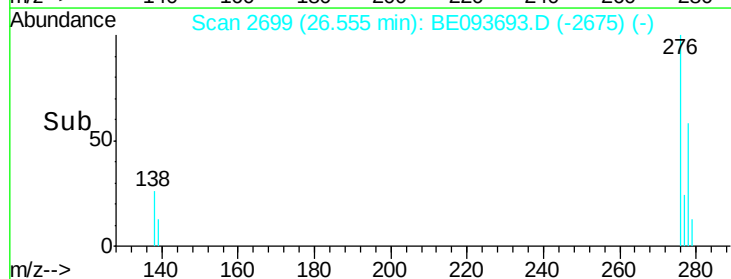
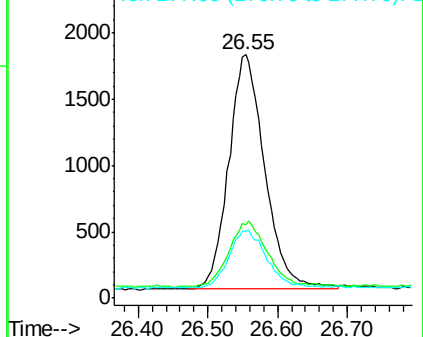
277 25.6 20.1 30.1

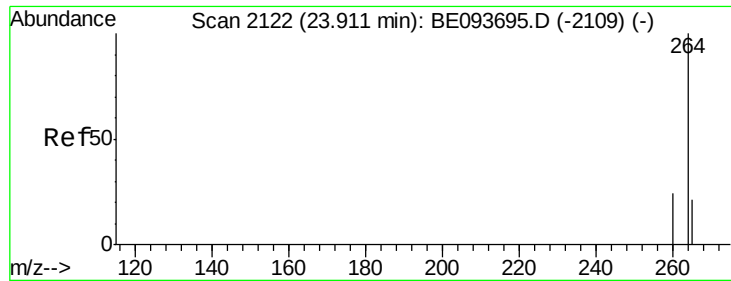


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

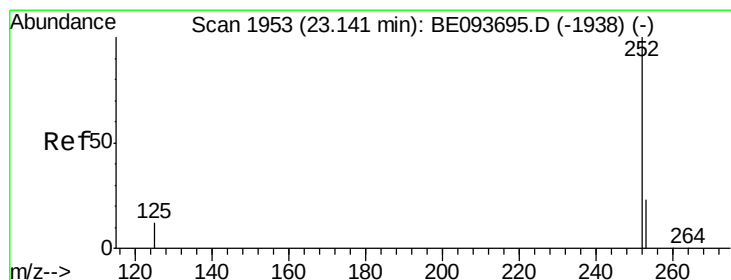
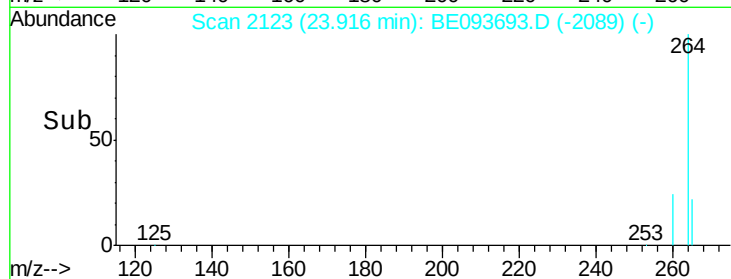
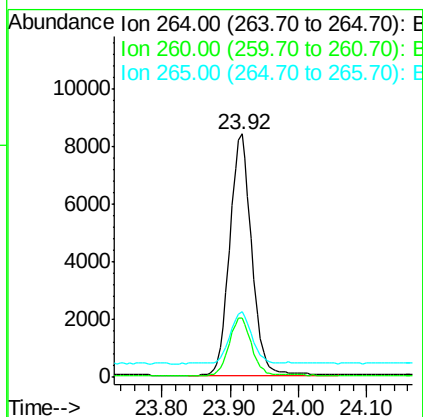
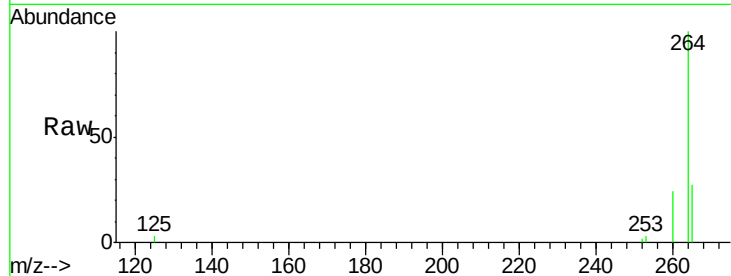




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BE093693.D
 Acq: 7 Aug 2017 9:18

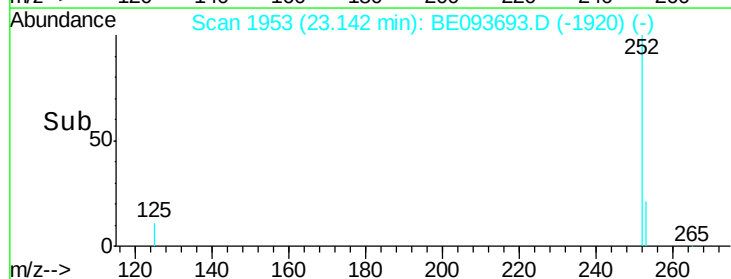
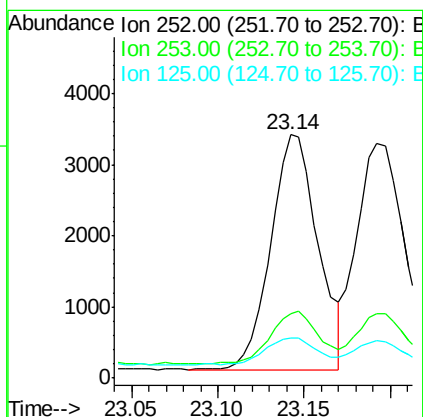
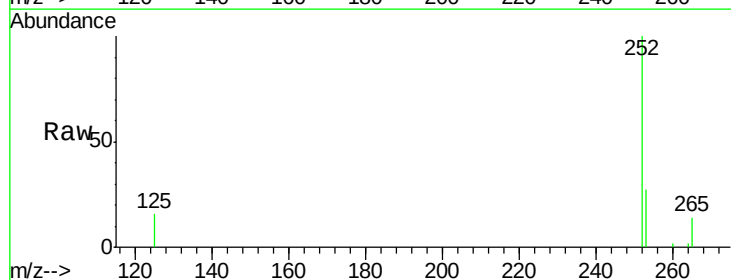
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

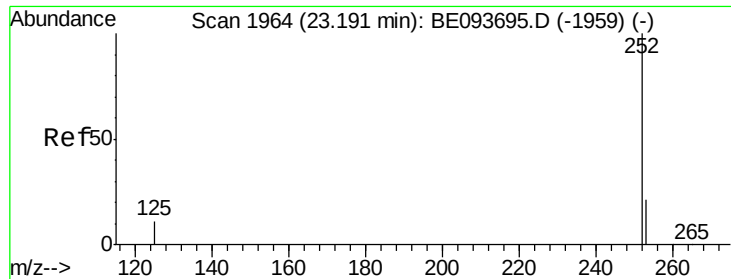
Tgt Ion: 264 Resp: 18740
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.0 31.4
 265 27.2 24.6 36.8



#35
Benzo(b)fluoranthene
 Concen: 0.094 ng
 RT: 23.14 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BE093693.D
 Acq: 7 Aug 2017 9:18

Tgt Ion: 252 Resp: 6287
 Ion Ratio Lower Upper
 252 100
 253 26.6 18.5 27.7
 125 16.3 13.4 20.0

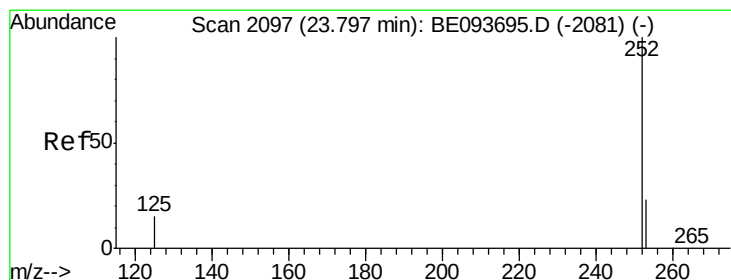
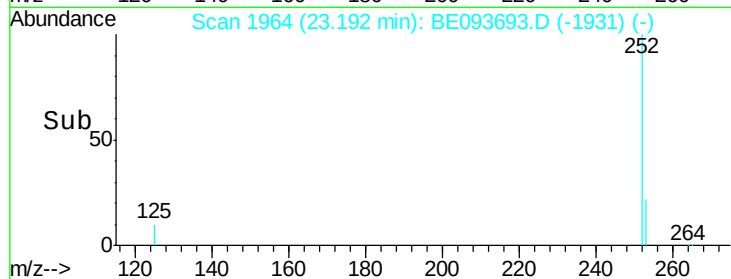
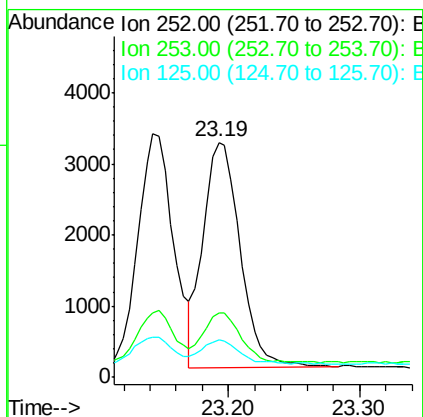
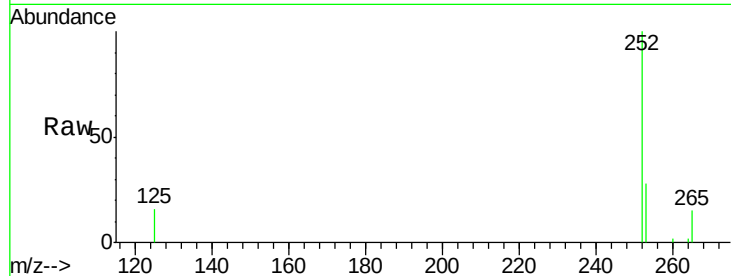




#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

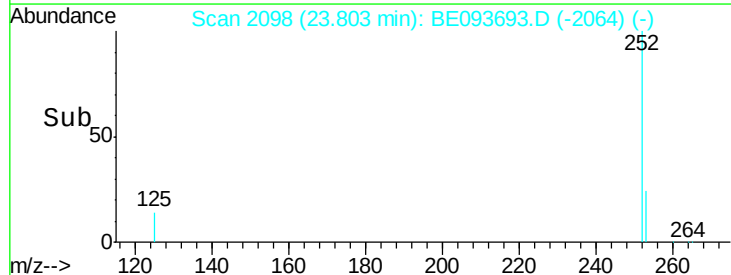
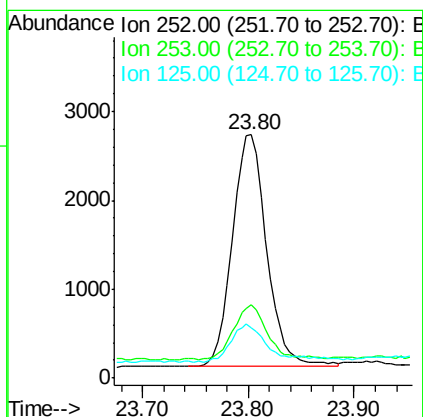
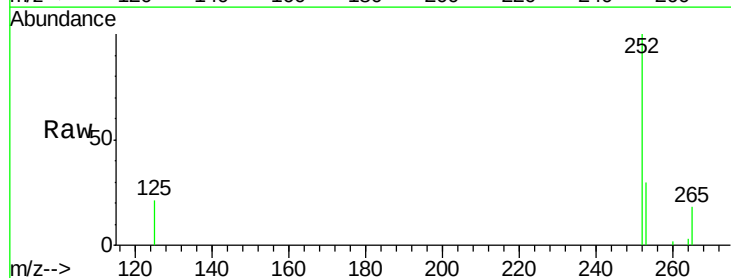
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

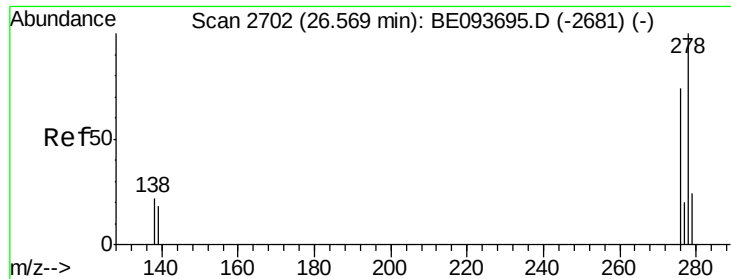
Tgt Ion:252 Resp: 6192
Ion Ratio Lower Upper
252 100
253 27.5 20.3 30.5
125 15.7 12.2 18.4



#37
Benzo(a)pyrene
Concen: 0.098 ng
RT: 23.80 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion:252 Resp: 5934
Ion Ratio Lower Upper
252 100
253 30.2 19.9 29.9#
125 20.5 14.6 21.8



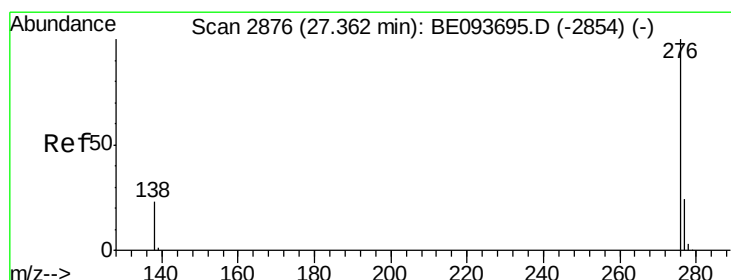
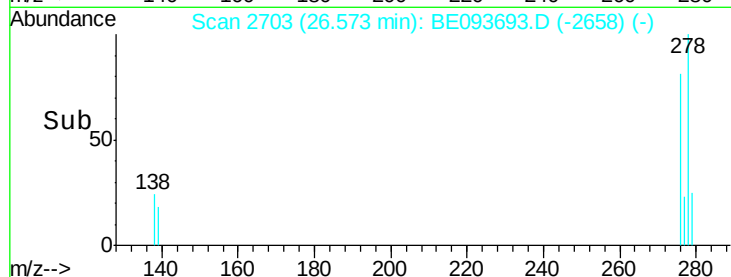
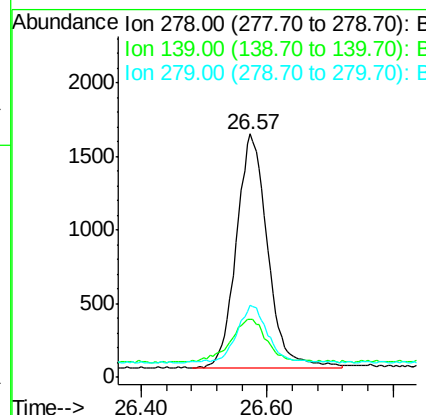
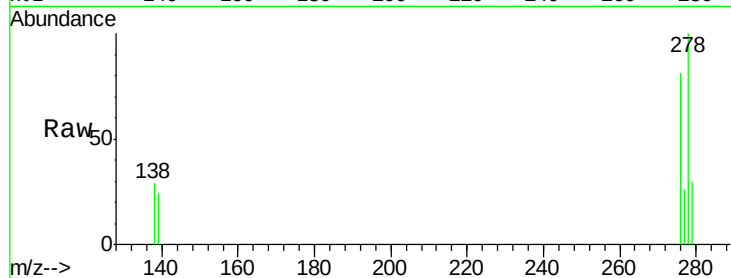


#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 26.57 min Scan# 2703
Delta R.T. 0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 278 Resp: 5469

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.4	32.0
279	29.6	22.2	33.2



#39
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BE093693.D
Acq: 7 Aug 2017 9:18

Tgt Ion: 276 Resp: 5581

Ion	Ratio	Lower	Upper
276	100		
277	28.7	21.2	31.8
138	29.2	24.5	36.7

