

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
 Data File : BE093613.D
 Acq On : 1 Aug 2017 12:59
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 01 14:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:41:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2290	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11079	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6366	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16609	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17677	0.40	ng	0.00
34) Perylene-d12	23.92	264	14778	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1363	0.17	ng	0.00
5) Phenol-d6	7.10	99	2197	0.20	ng	0.00
8) Nitrobenzene-d5	9.06	82	1637	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3485	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	246	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5281	0.21	ng	0.00
25) Fluoranthene-d10	19.27	212	35841	0.14	ng	0.00
29) Terphenyl-d14	19.86	244	6427	0.20	ng	0.00

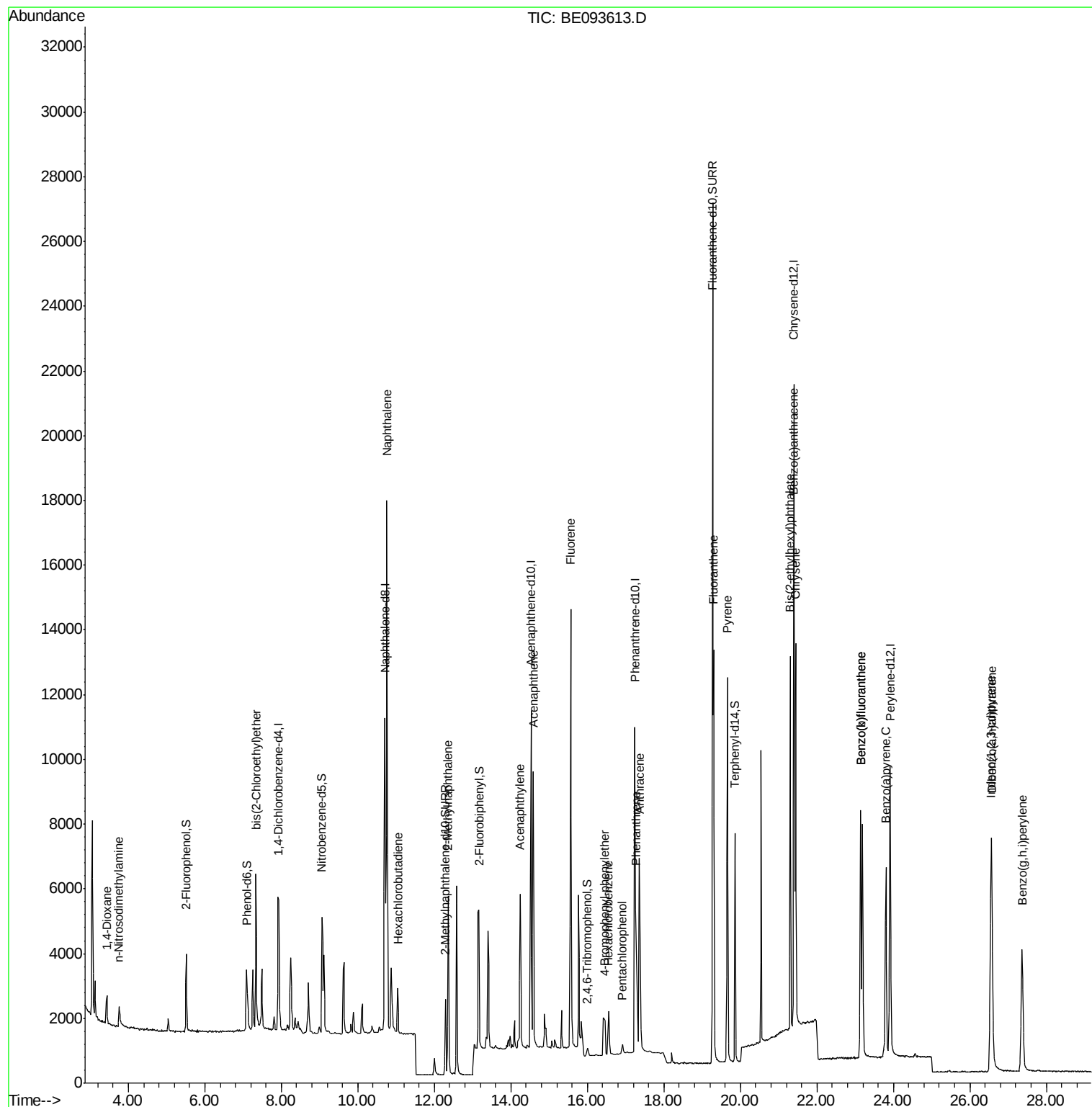
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	792	0.208	ng	# 92
3) n-Nitrosodimethylamine	3.75	42	620	0.165	ng	# 86
6) bis(2-Chloroethyl)ether	7.34	93	1780	0.201	ng	# 100
9) Naphthalene	10.76	128	26593	0.206	ng	99
10) Hexachlorobutadiene	11.04	225	997	0.199	ng	97
12) 2-Methylnaphthalene	12.36	142	4345	0.201	ng	96
16) Acenaphthylene	14.24	152	5873	0.183	ng	# 88
17) Acenaphthene	14.58	154	4318	0.198	ng	98
18) Fluorene	15.56	166	5967	0.195	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	1074	0.166	ng	# 95
21) Hexachlorobenzene	16.55	284	1127	0.181	ng	# 100
22) Pentachlorophenol	16.91	266	348	0.096	ng	93
23) Phenanthrene	17.27	178	7539	0.200	ng	96
24) Anthracene	17.37	178	9634	0.167	ng	97
26) Fluoranthene	19.30	202	11379	0.142	ng	98
28) Pyrene	19.67	202	11890	0.208	ng	# 100
30) Benzo(a)anthracene	21.39	228	10357	0.182	ng	95
31) Chrysene	21.45	228	12072	0.214	ng	95
32) Bis(2-ethylhexyl)phthalate	21.30	149	13236	0.107	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	10883	0.204	ng	93
35) Benzo(b)fluoranthene	23.14	252	10625	0.205	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	10625	0.207	ng	96
37) Benzo(a)pyrene	23.80	252	9662	0.200	ng	# 96
38) Dibenzo(a,h)anthracene	26.57	278	9136	0.200	ng	# 91
39) Benzo(g,h,i)perylene	27.36	276	9528	0.208	ng	96

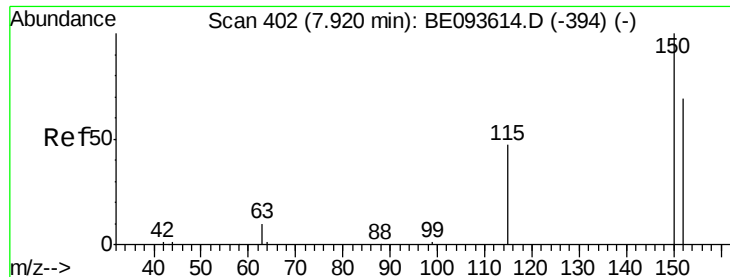
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. 0.01 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

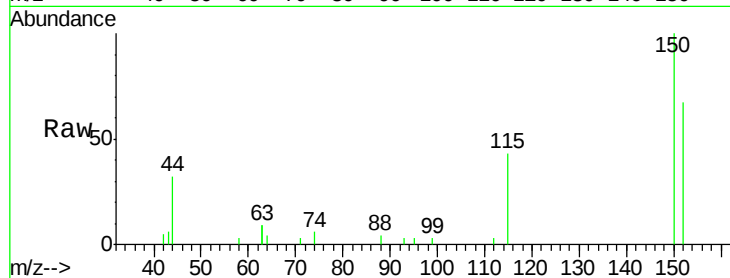
Tgt Ion: 152 Resp: 2290

Ion Ratio Lower Upper

152 100

150 150.2 125.1 187.7

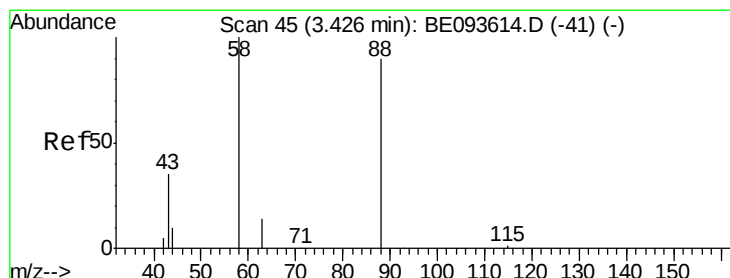
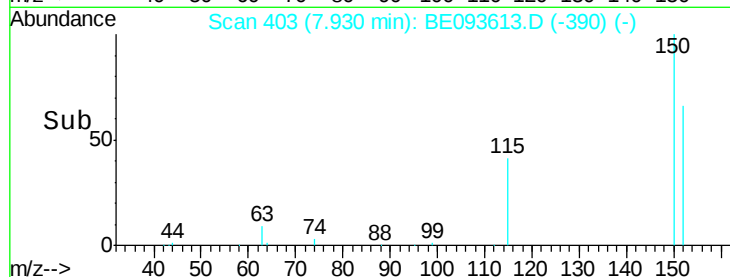
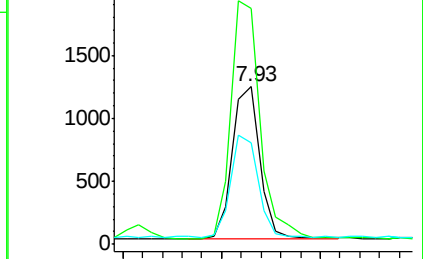
115 64.4 55.7 83.5



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: 0.208 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

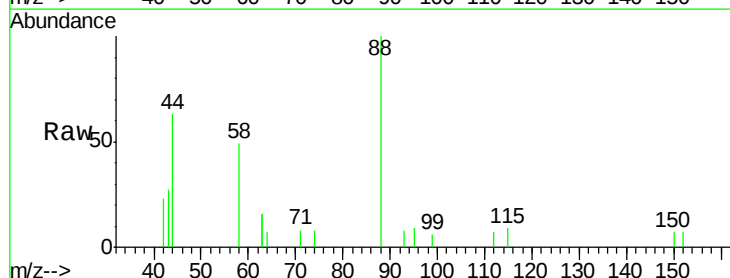
Tgt Ion: 88 Resp: 792

Ion Ratio Lower Upper

88 100

58 73.2 62.2 93.4

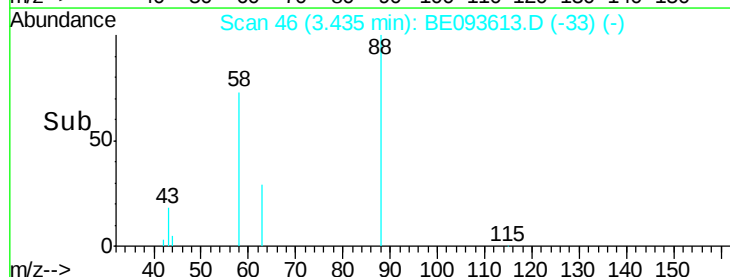
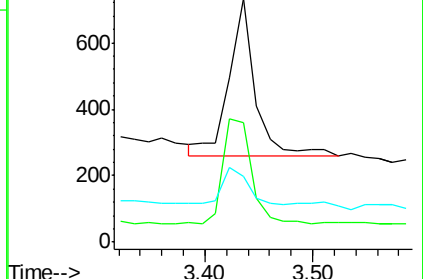
43 21.7 23.2 34.8#

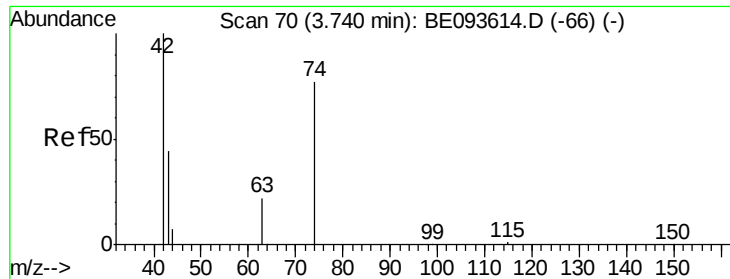


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

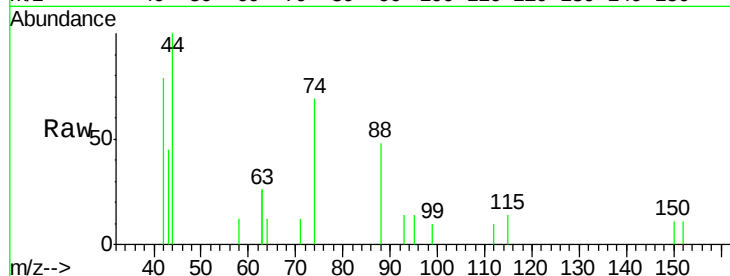




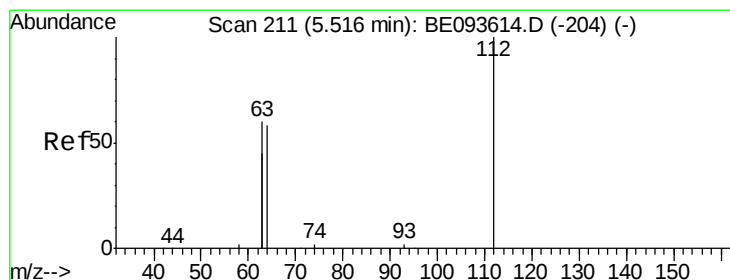
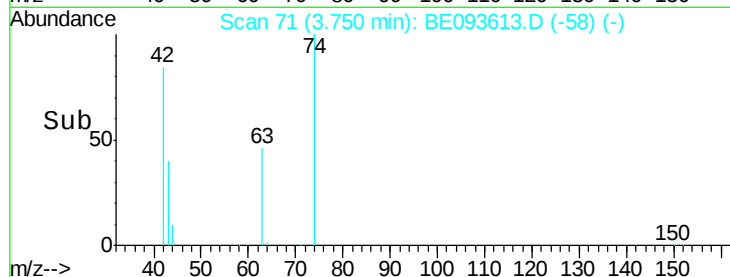
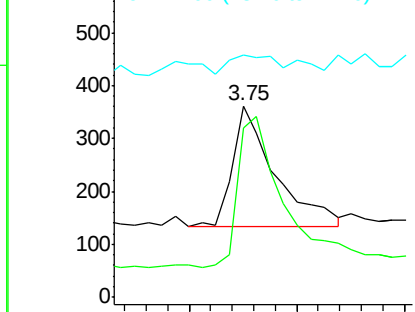
#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
74 137.6 99.1 148.7
44 24.5 7.4 11.2#

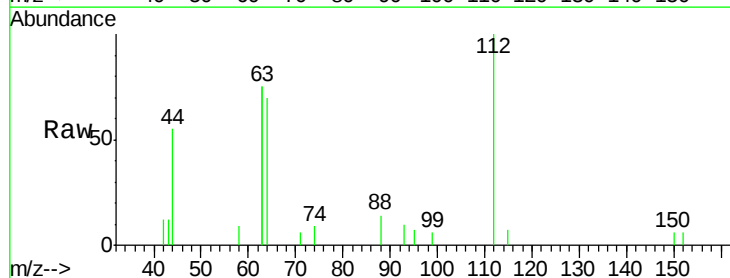


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

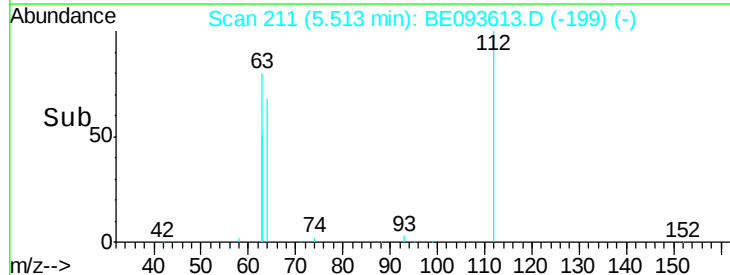
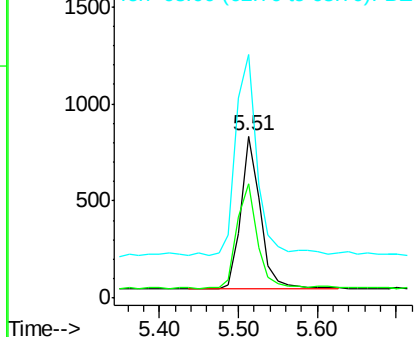


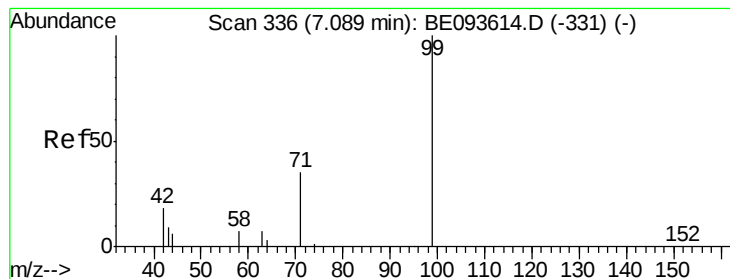
#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion: 112 Resp: 1363
Ion Ratio Lower Upper
112 100
64 70.6 56.4 84.6
63 143.3 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: 0.197 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

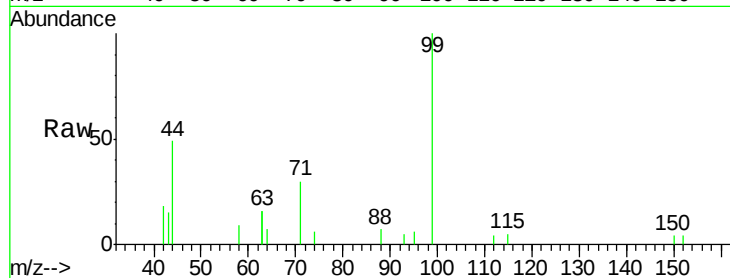
Tgt Ion: 99 Resp: 2197

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

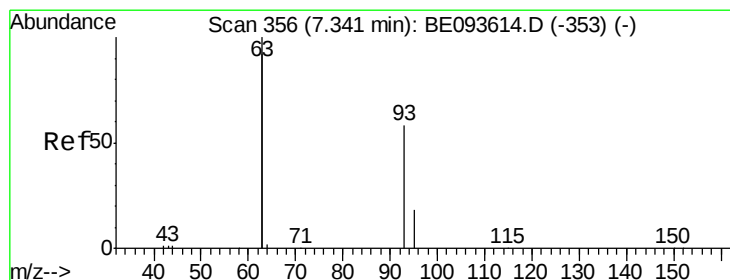
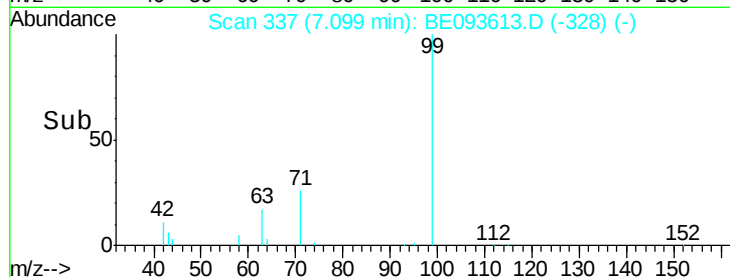
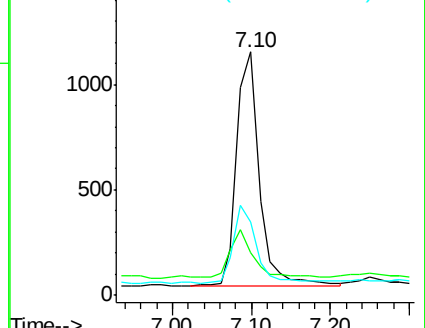
71 33.6 0.0 0.0#



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: 0.201 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

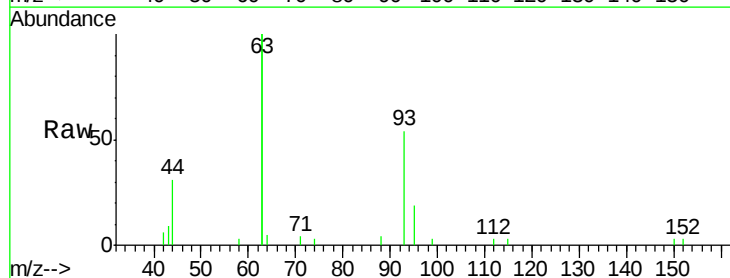
Tgt Ion: 93 Resp: 1780

Ion Ratio Lower Upper

93 100

63 332.8 0.0 0.0#

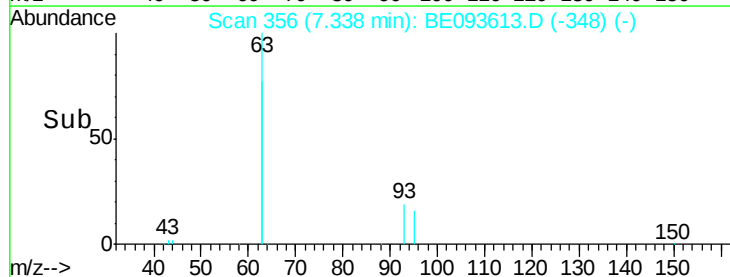
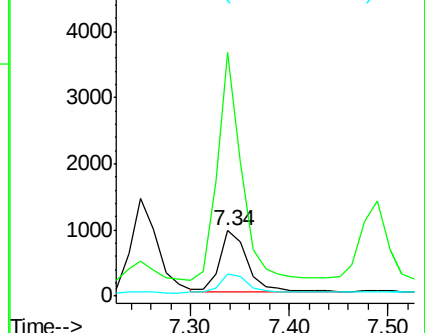
95 31.7 25.4 38.0

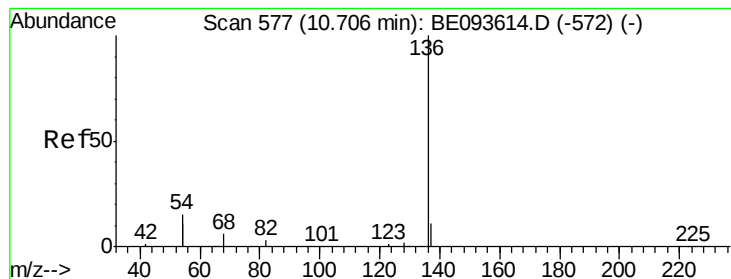


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tgt Ion: 136 Resp: 11079

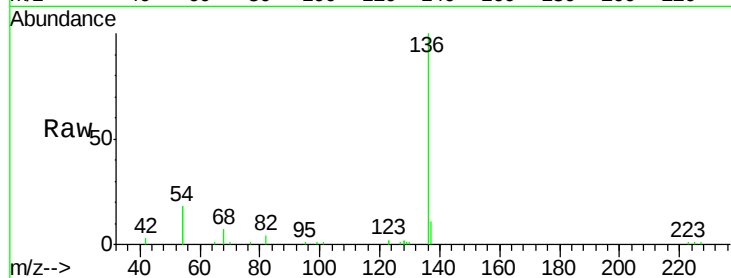
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 35.3 10.3 15.5#

68 7.3 9.0 13.4#

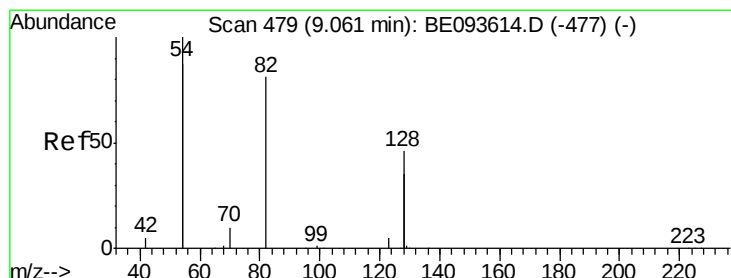
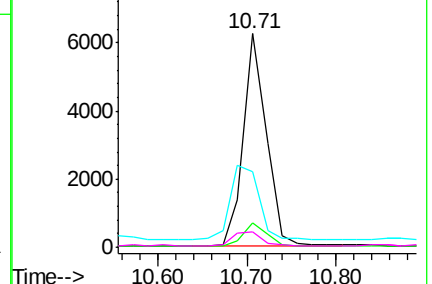
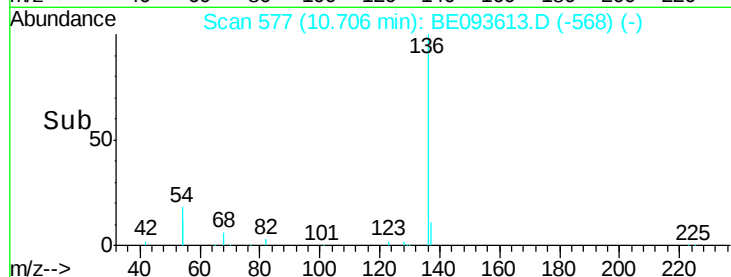


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.186 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

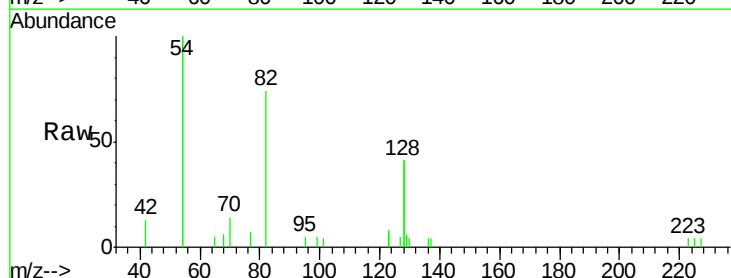
Tgt Ion: 82 Resp: 1637

Ion Ratio Lower Upper

82 100

128 111.3 17.0 25.4#

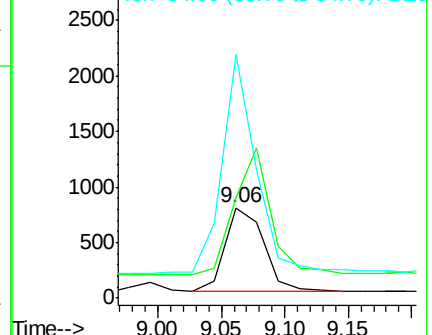
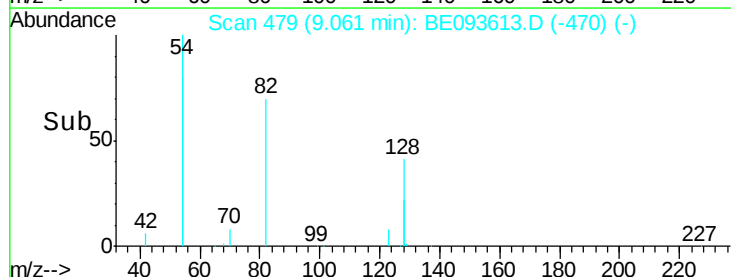
54 268.6 53.8 80.6#

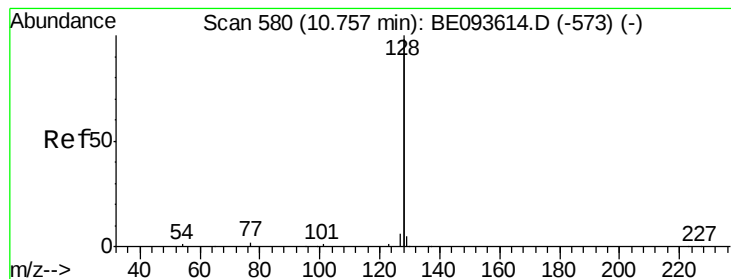


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.206 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

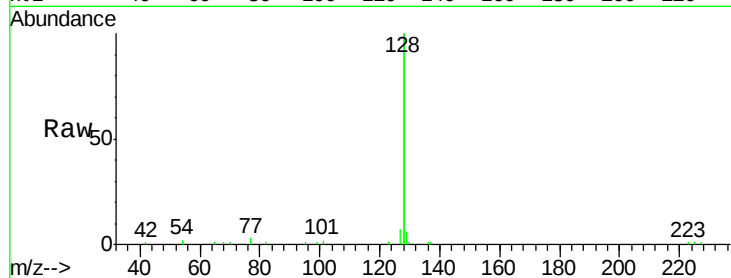
Tgt Ion:128 Resp: 26593

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

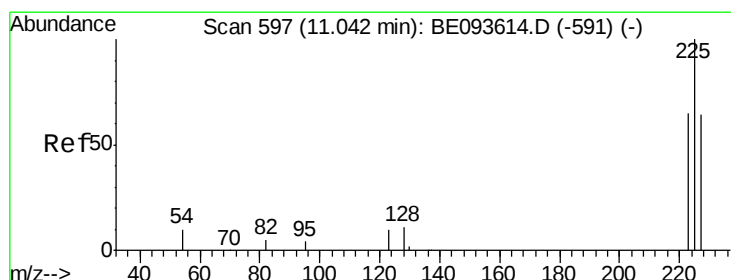
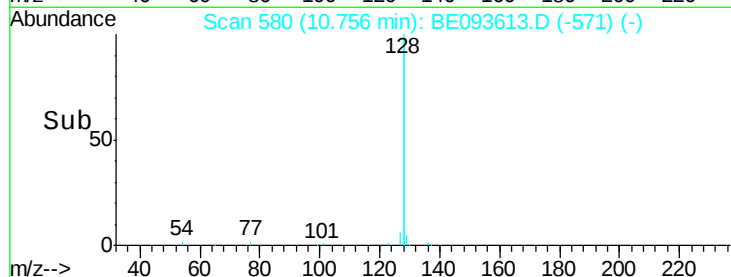
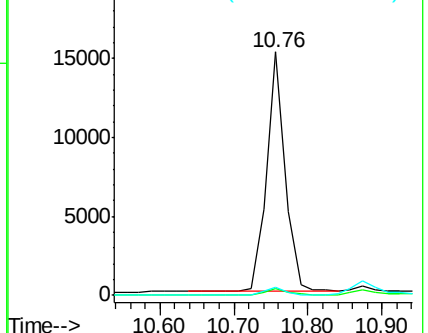
127 3.3 2.4 3.6



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: 0.199 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

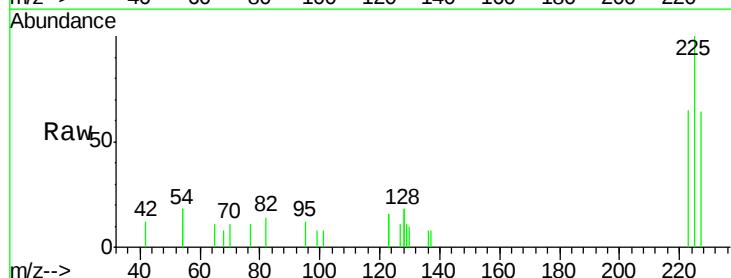
Tgt Ion:225 Resp: 997

Ion Ratio Lower Upper

225 100

223 60.5 49.7 74.5

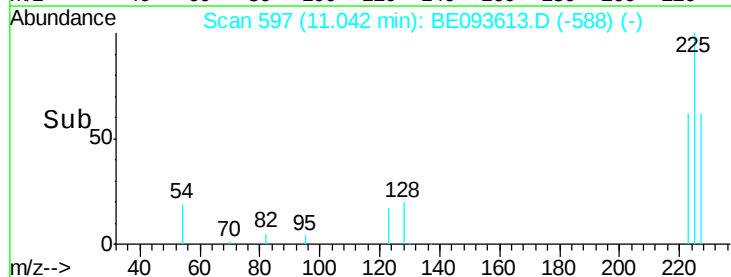
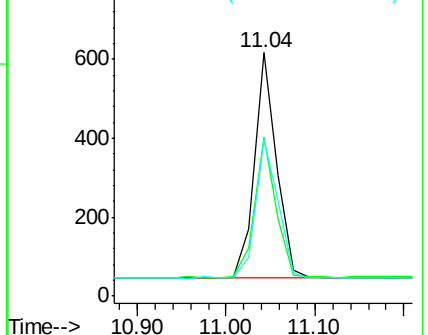
227 65.3 50.3 75.5

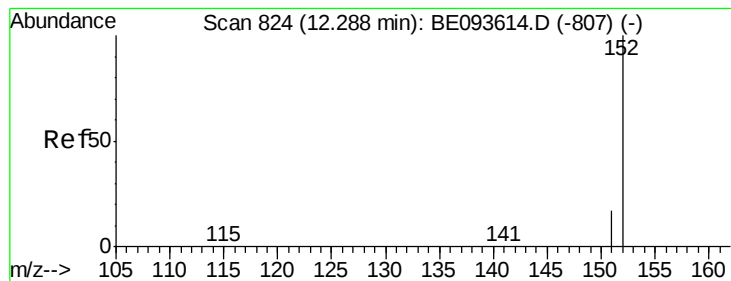


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.195 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

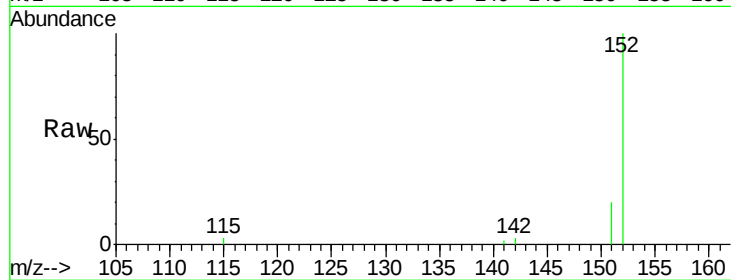
SSTDIC0.2

Tgt Ion:152 Resp: 3485

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

2000

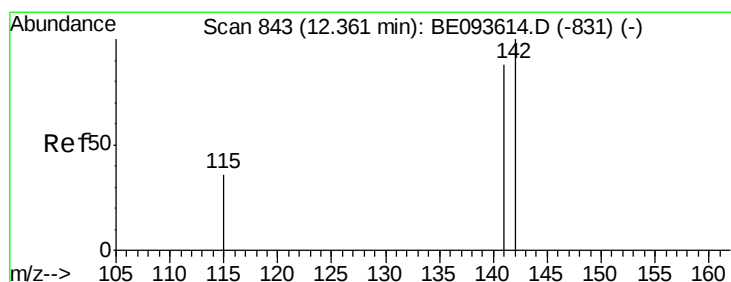
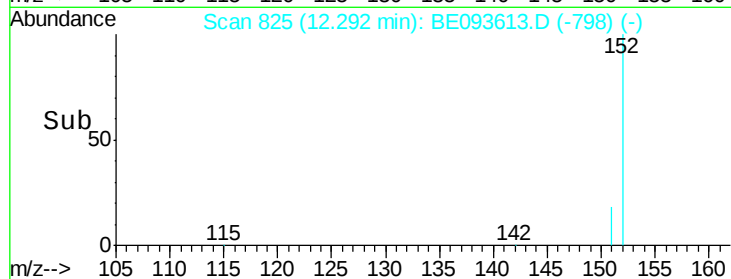
1500

1000

500

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.201 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

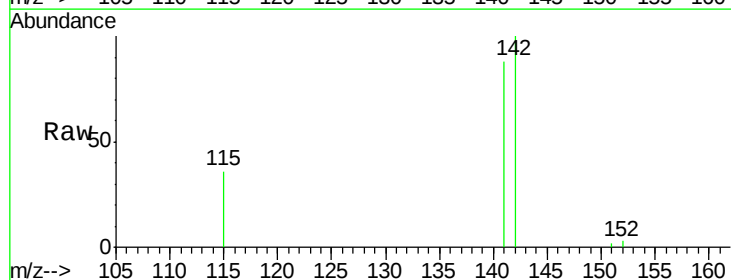
Tgt Ion:142 Resp: 4345

Ion Ratio Lower Upper

142 100

141 87.8 72.6 108.8

115 36.0 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.36

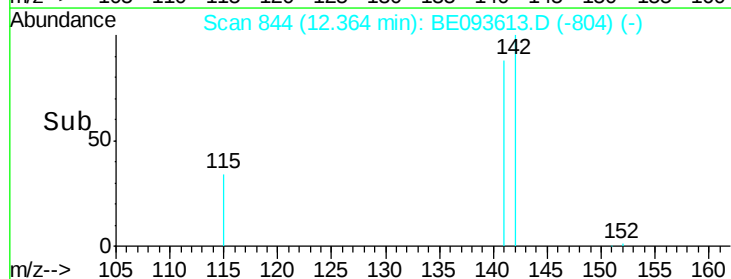
3000

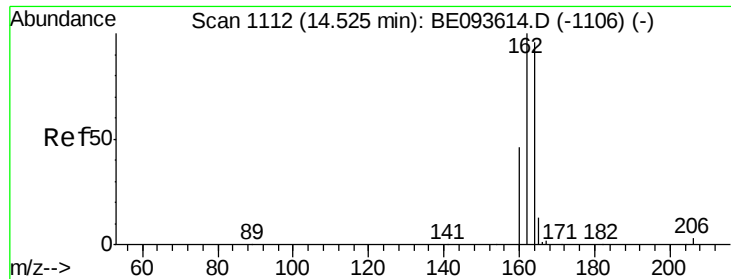
2000

1000

0

Time--> 12.30 12.40

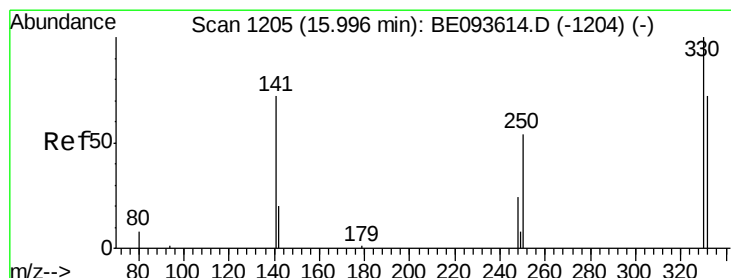
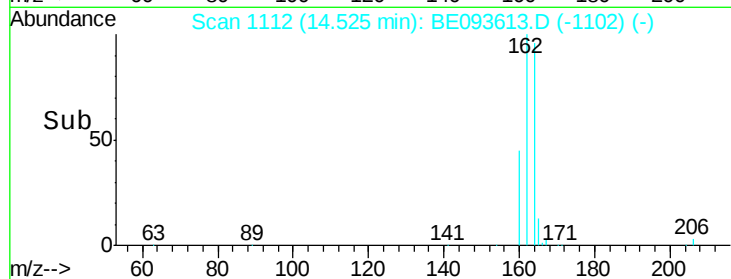
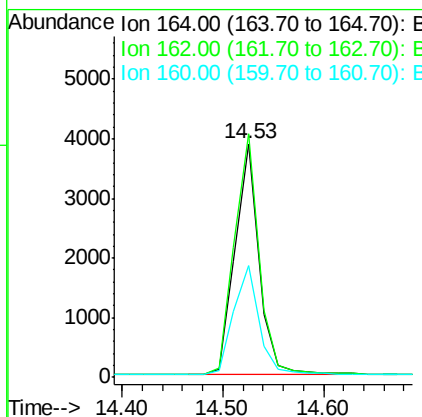
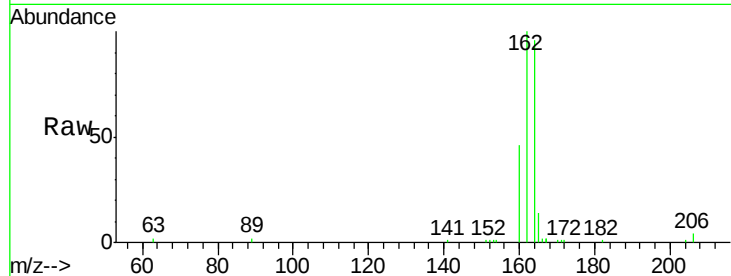




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

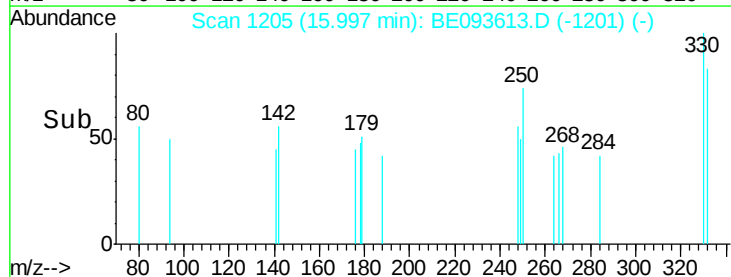
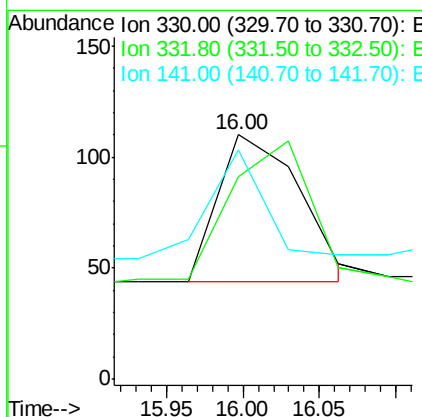
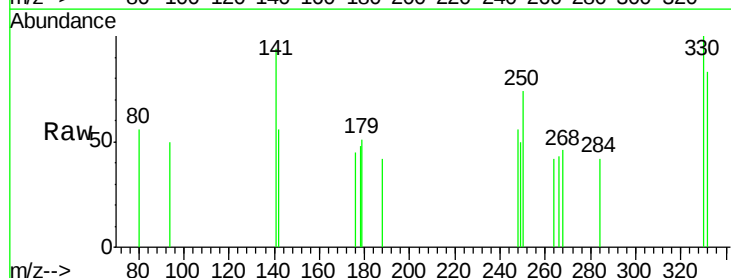
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

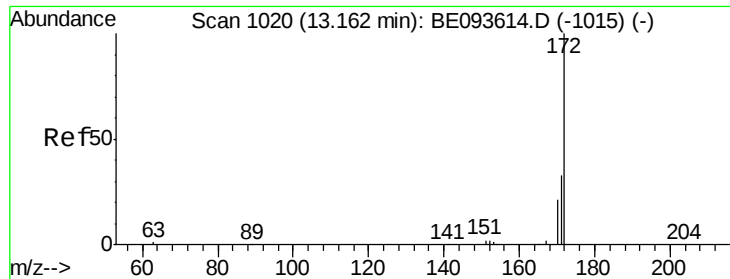
Tgt Ion:164 Resp: 6366
Ion Ratio Lower Upper
164 100
162 104.3 84.6 127.0
160 47.8 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:330 Resp: 246
Ion Ratio Lower Upper
330 100
332 0.0 77.7 116.5#
141 50.8 56.2 84.4#

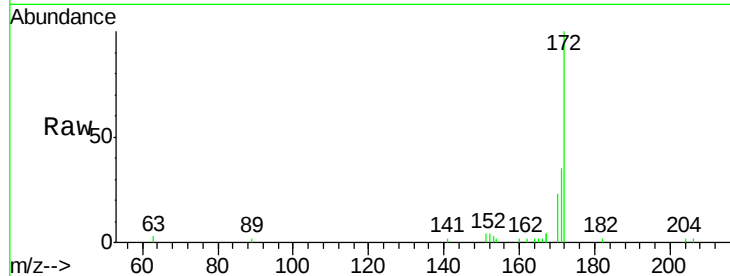




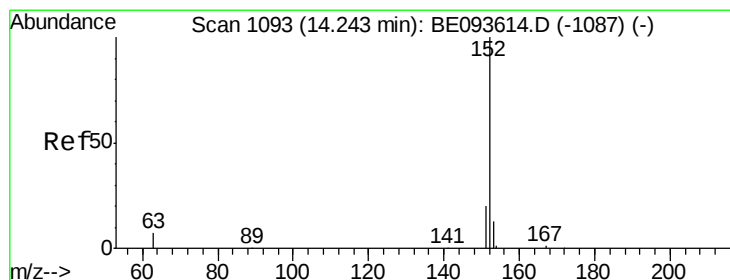
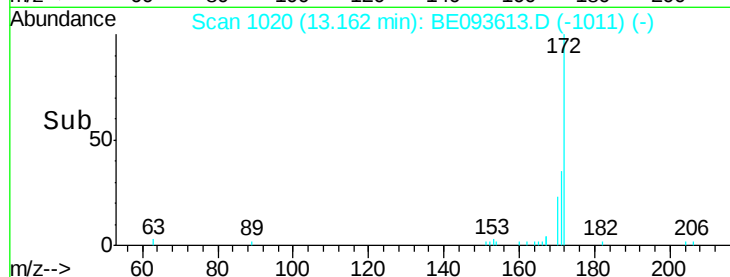
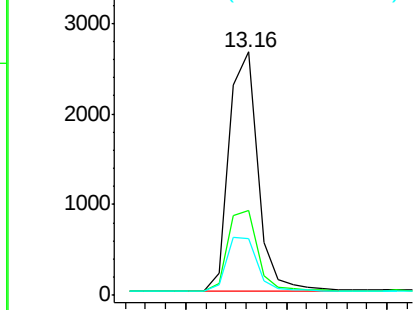
#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:172 Resp: 5281
Ion Ratio Lower Upper
172 100
171 35.0 29.8 44.6
170 23.1 20.7 31.1

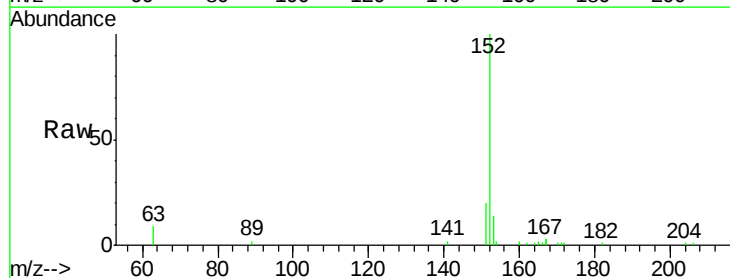


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

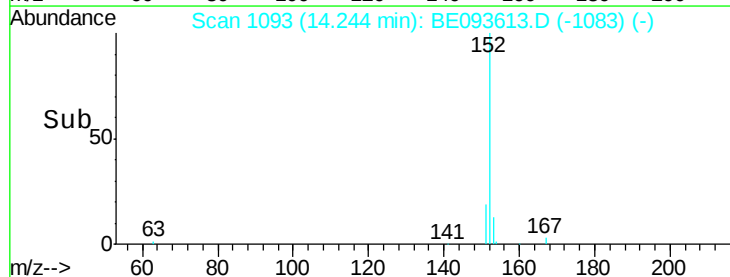
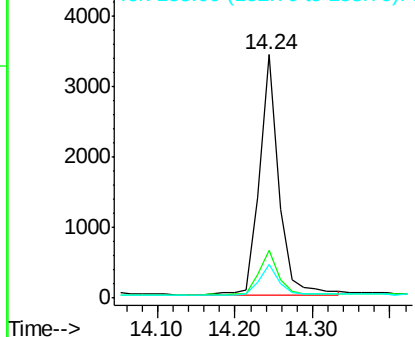


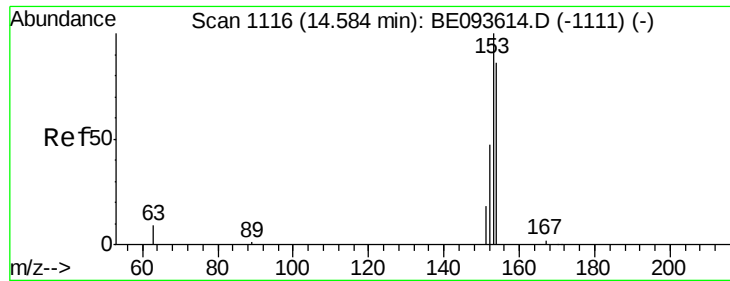
#16
Acenaphthylene
Concen: 0.183 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:152 Resp: 5873
Ion Ratio Lower Upper
152 100
151 19.3 4.0 6.0#
153 12.7 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: 0.198 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

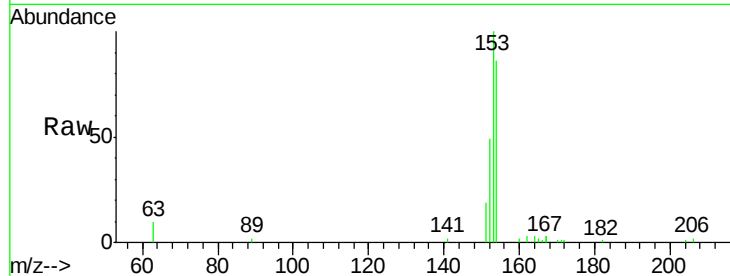
Tgt Ion:154 Resp: 4318

Ion Ratio Lower Upper

154 100

153 116.7 91.2 136.8

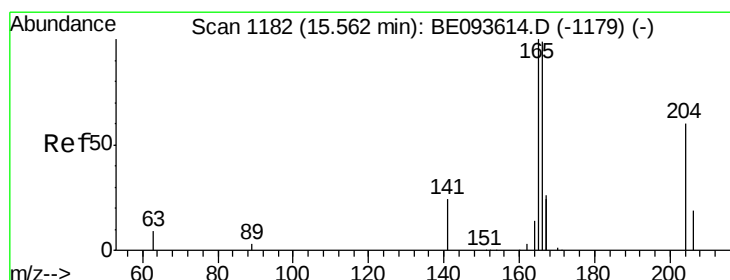
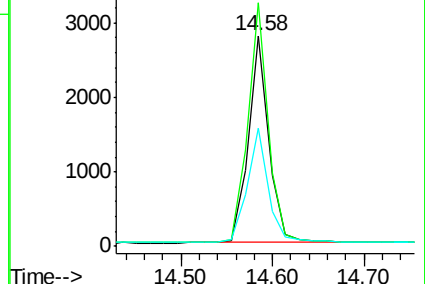
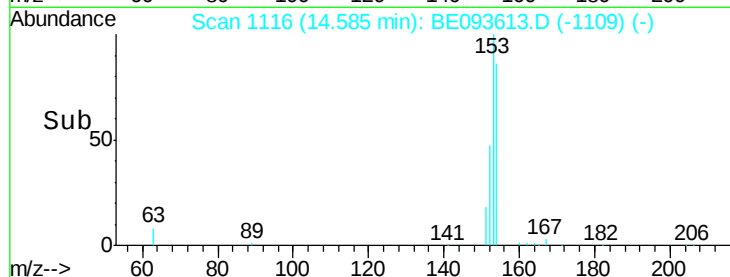
152 56.6 44.8 67.2



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: 0.195 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

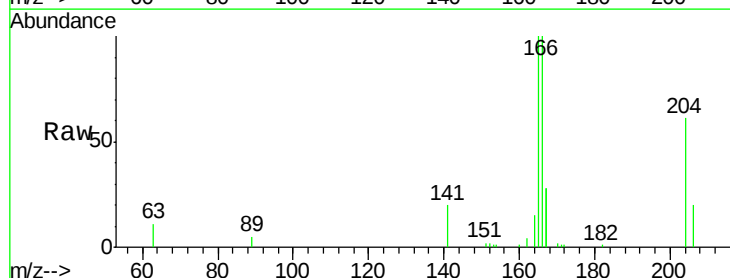
Tgt Ion:166 Resp: 5967

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

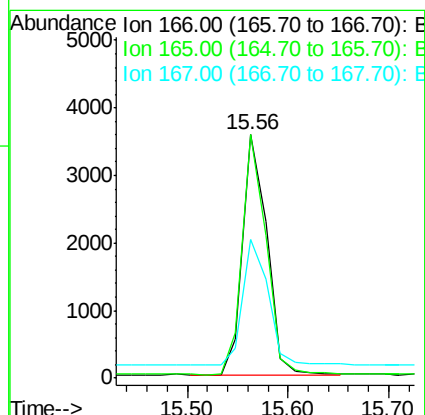
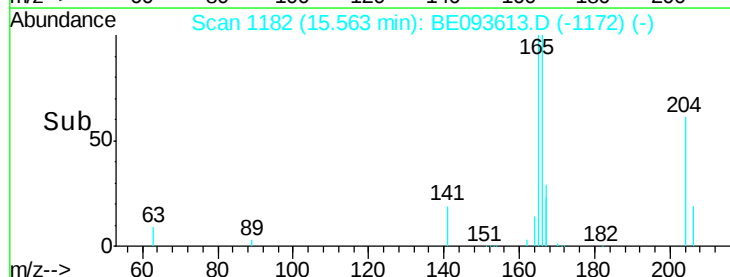
167 54.4 11.1 16.7#

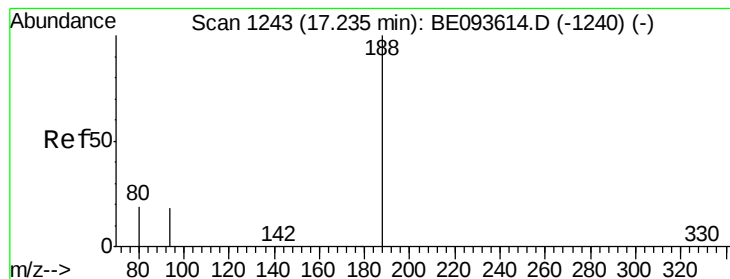


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

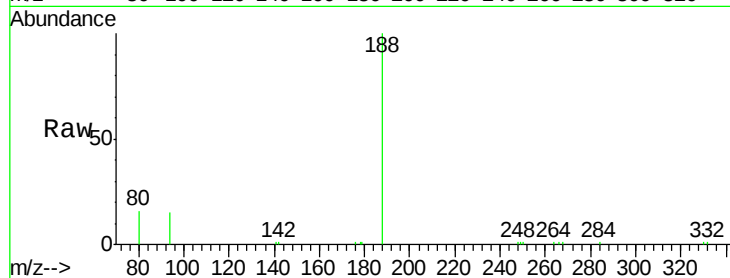
Tgt Ion:188 Resp: 16609

Ion Ratio Lower Upper

188 100

94 15.3 11.3 16.9

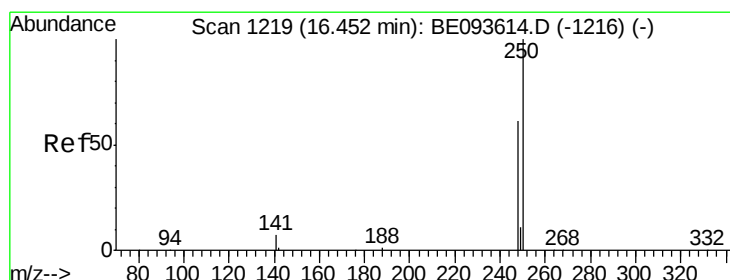
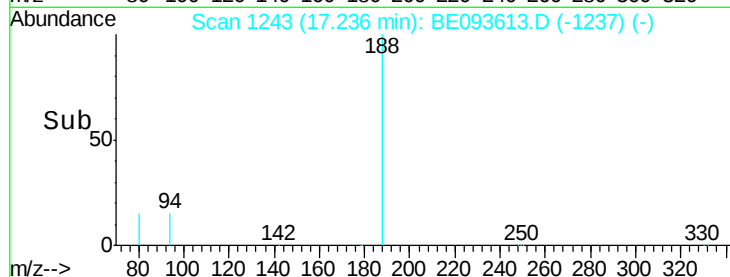
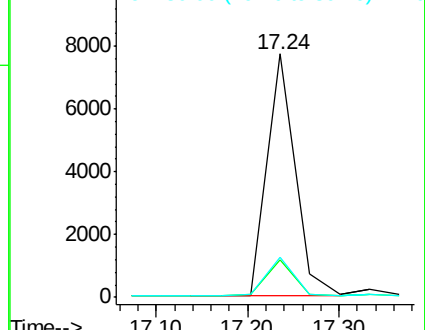
80 16.2 11.7 17.5



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: 0.166 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

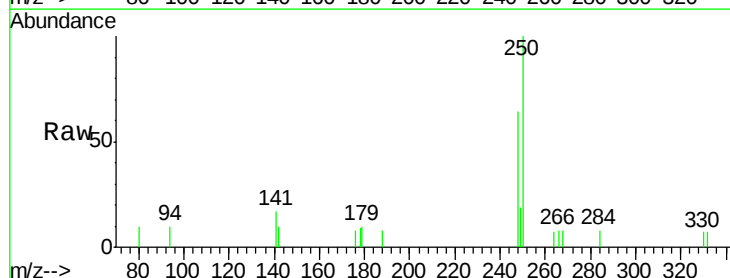
Tgt Ion:248 Resp: 1074

Ion Ratio Lower Upper

248 100

250 156.4 128.0 192.0

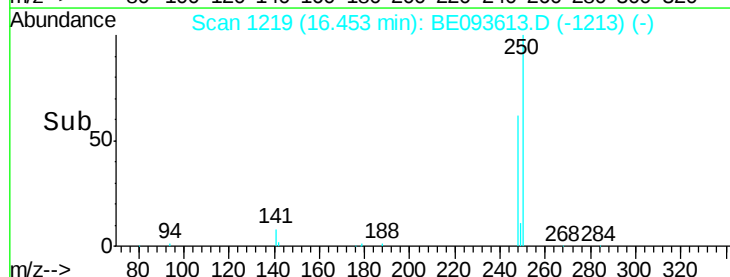
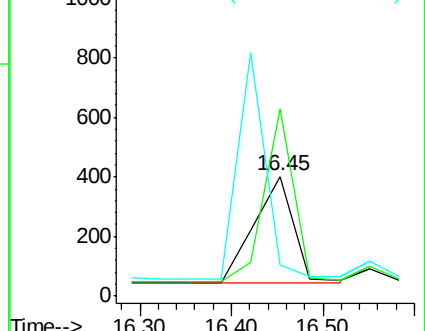
141 26.2 12.0 18.0#

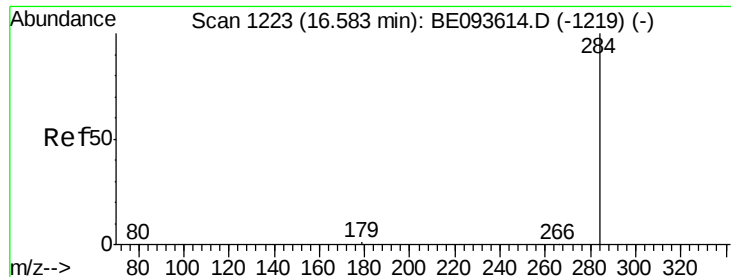


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.181 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

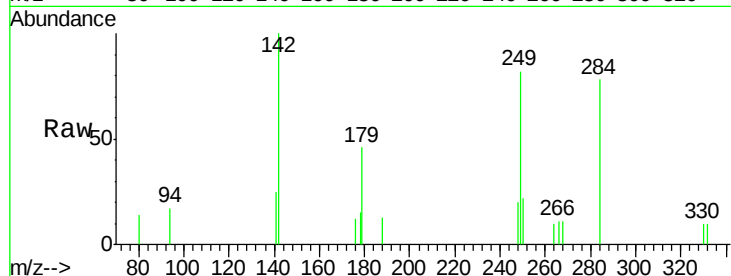
Tgt Ion:284 Resp: 1127

Ion Ratio Lower Upper

284 100

142 71.7 0.0 0.0#

249 57.6 0.0 0.0#



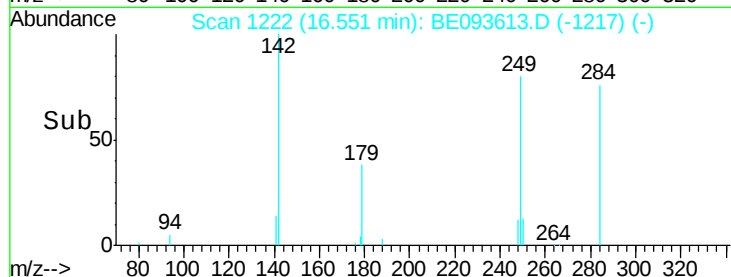
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

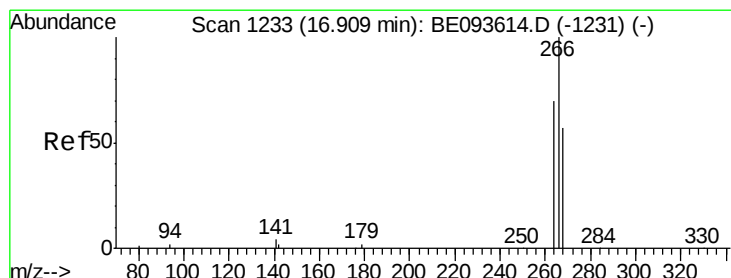
Ion 249.00 (248.70 to 249.70): E

Time-->

16.55



Time-->



#22

Pentachlorophenol

Concen: 0.096 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

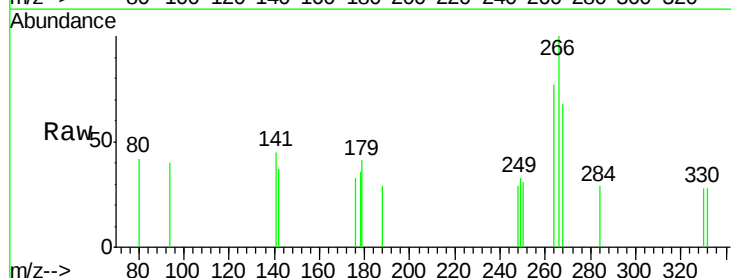
Tgt Ion:266 Resp: 348

Ion Ratio Lower Upper

266 100

264 77.3 56.0 84.0

268 68.1 52.0 78.0



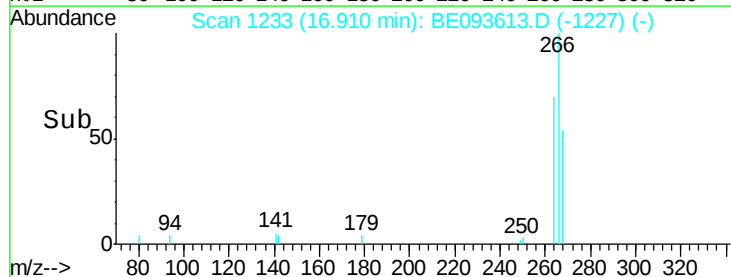
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

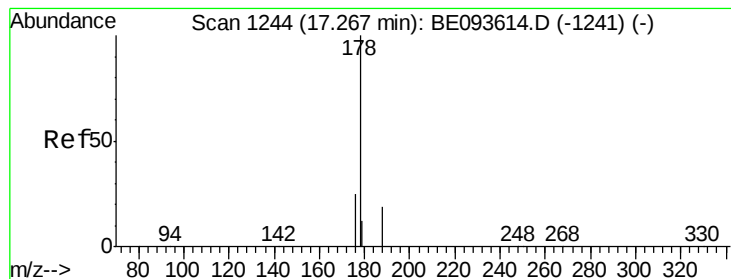
Ion 268.00 (267.70 to 268.70): E

Time-->

16.91



Time-->



#23

Phenanthrene

Concen: 0.200 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

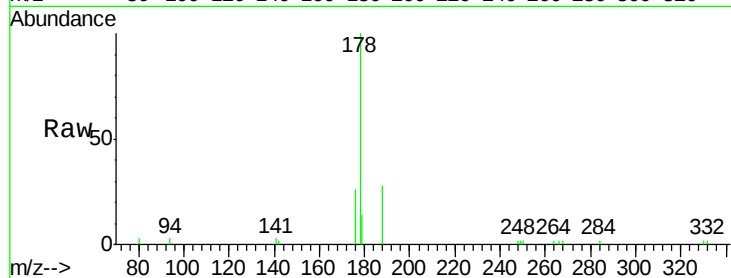
Tgt Ion:178 Resp: 7539

Ion Ratio Lower Upper

178 100

176 21.4 15.0 22.4

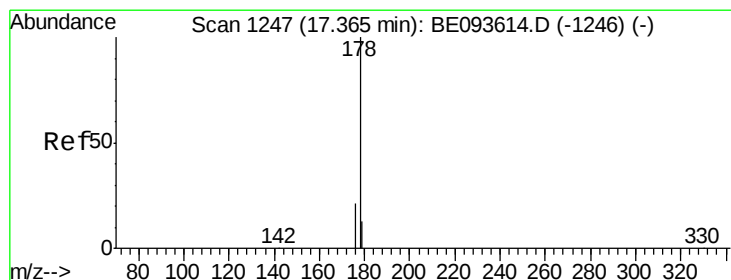
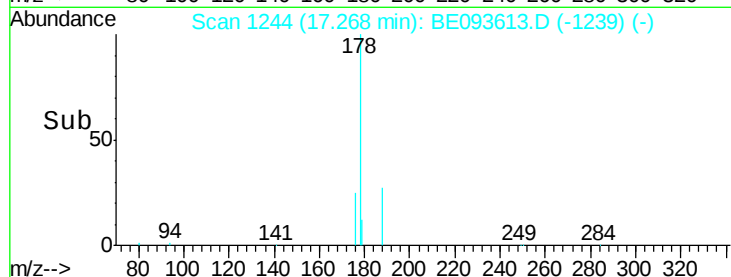
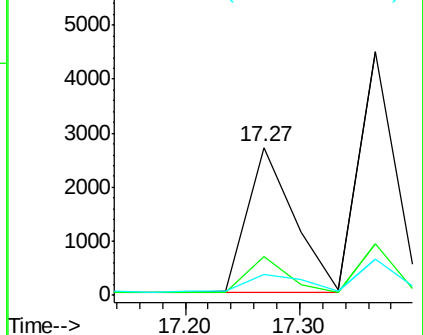
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.167 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

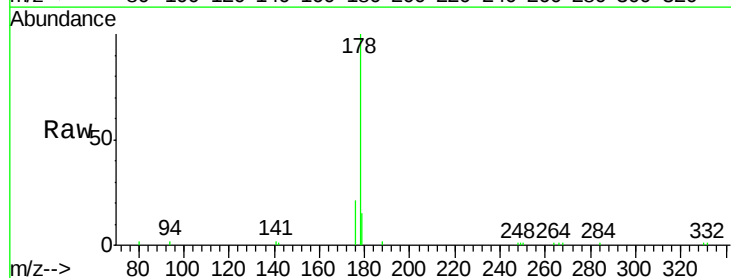
Tgt Ion:178 Resp: 9634

Ion Ratio Lower Upper

178 100

176 19.8 14.6 22.0

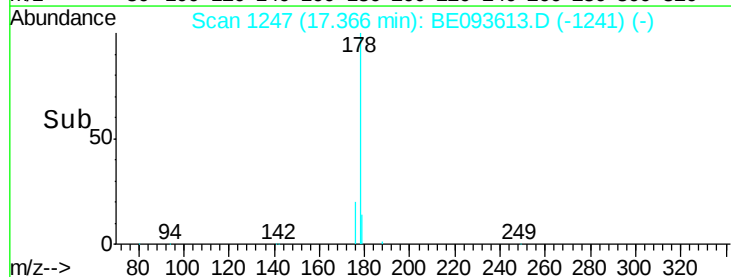
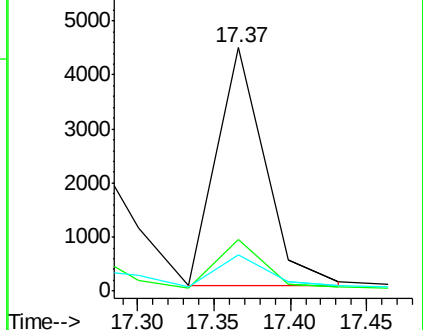
179 14.1 12.0 18.0

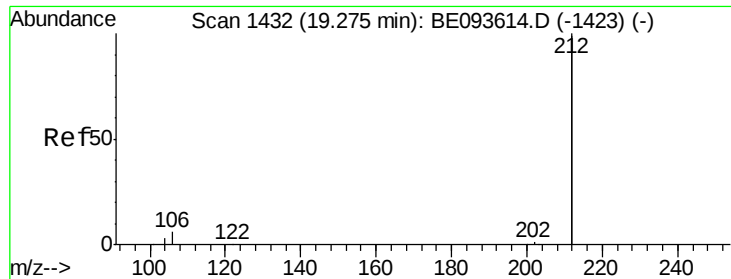


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.136 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

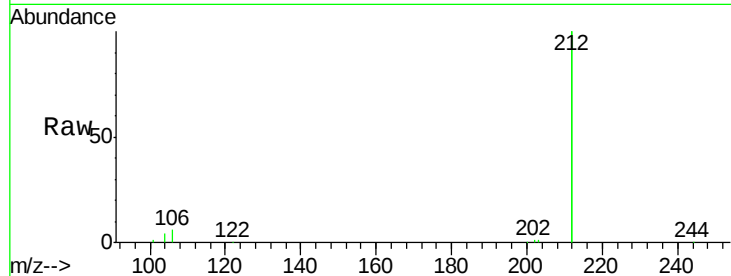
Tgt Ion:212 Resp: 35841

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

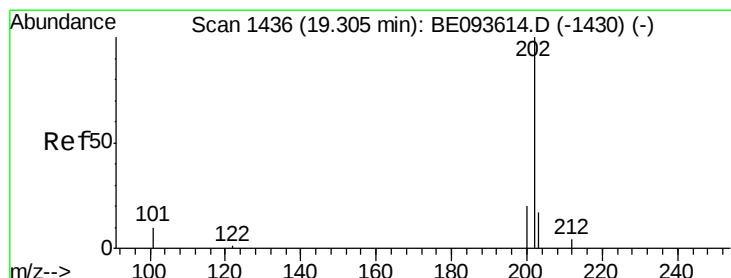
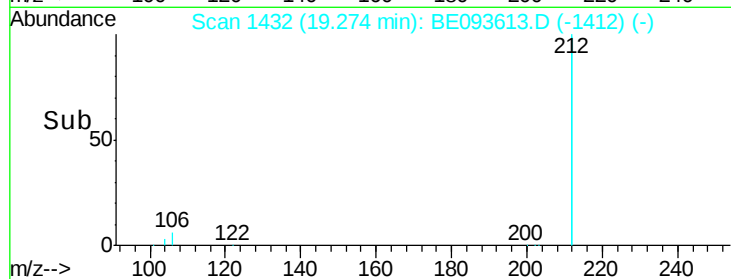
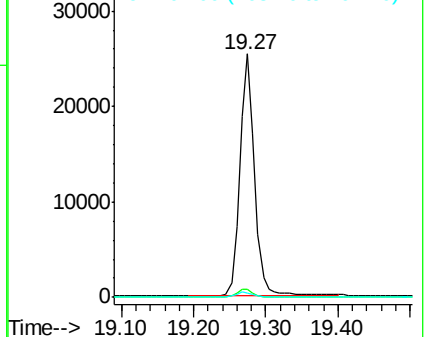
104 2.0 1.6 2.4



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: 0.142 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

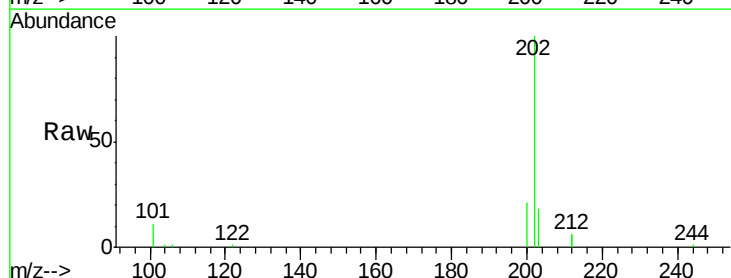
Tgt Ion:202 Resp: 11379

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

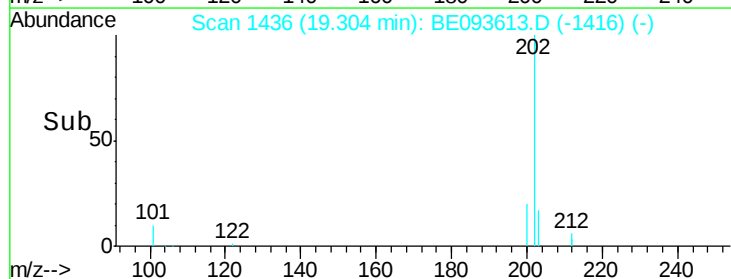
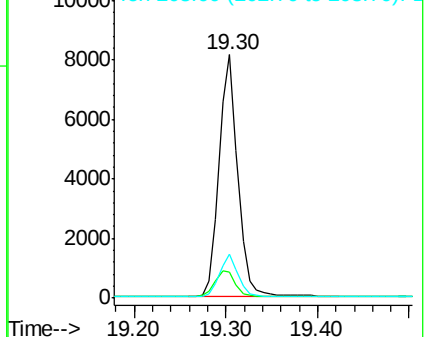
203 16.8 14.4 21.6

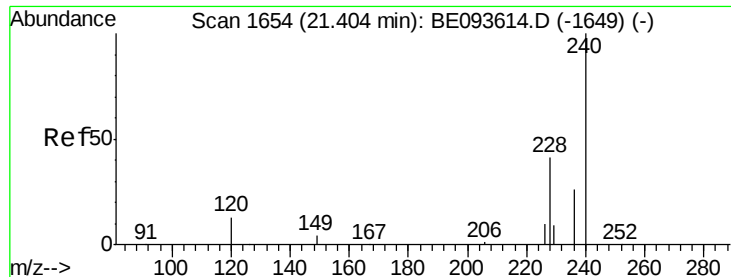


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

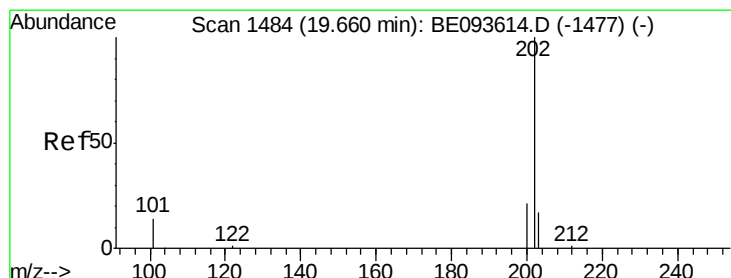
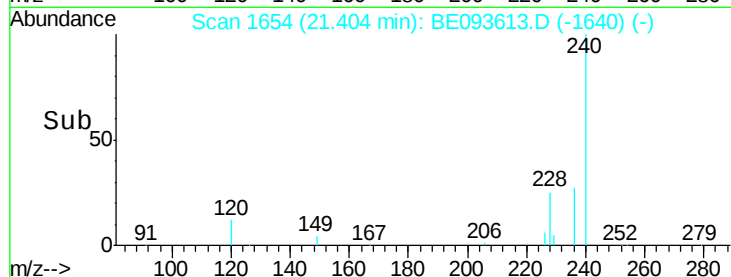
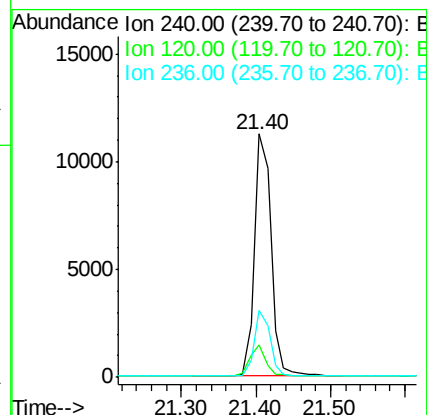
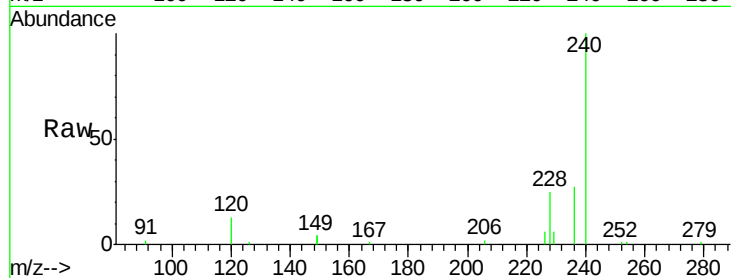




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE093613.D
 Acq: 1 Aug 2017 12:59

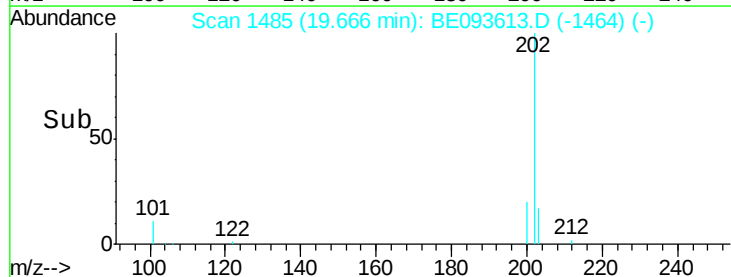
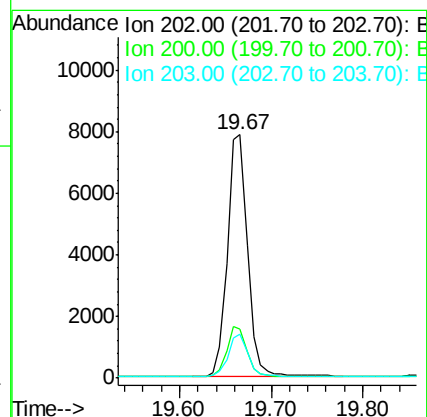
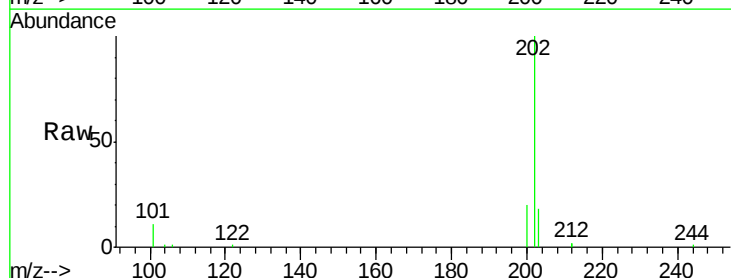
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

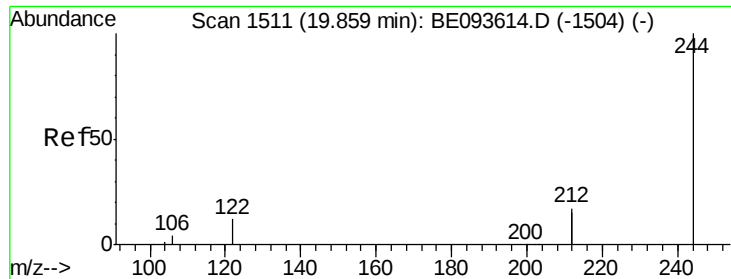
Tgt Ion:240 Resp: 17677
 Ion Ratio Lower Upper
 240 100
 120 13.2 4.6 7.0#
 236 27.3 20.8 31.2



#28
 Pyrene
 Concen: 0.208 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BE093613.D
 Acq: 1 Aug 2017 12:59

Tgt Ion:202 Resp: 11890
 Ion Ratio Lower Upper
 202 100
 200 20.6 0.0 0.0#
 203 17.1 13.7 20.5





#29

Terphenyl-d14

Concen: 0.200 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

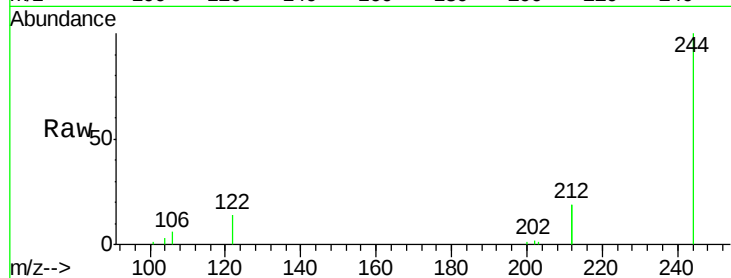
Tgt Ion:244 Resp: 6427

Ion Ratio Lower Upper

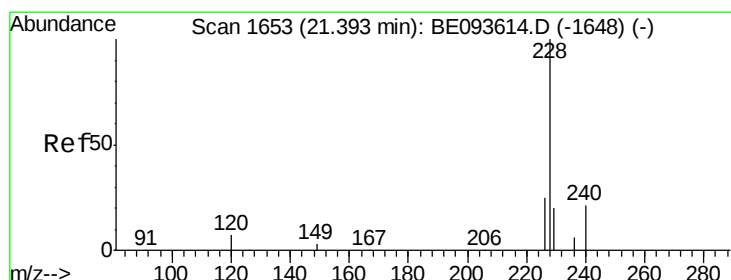
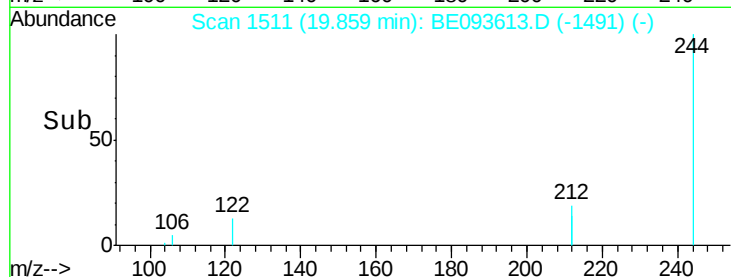
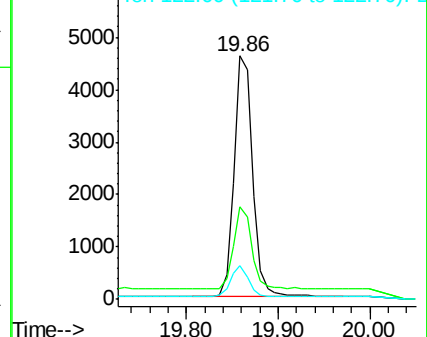
244 100

212 37.9 10.6 16.0#

122 14.1 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: 0.182 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

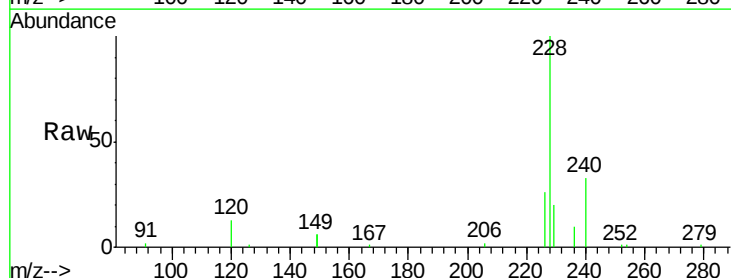
Tgt Ion:228 Resp: 10357

Ion Ratio Lower Upper

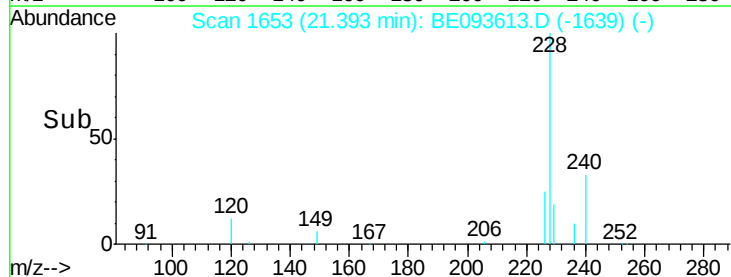
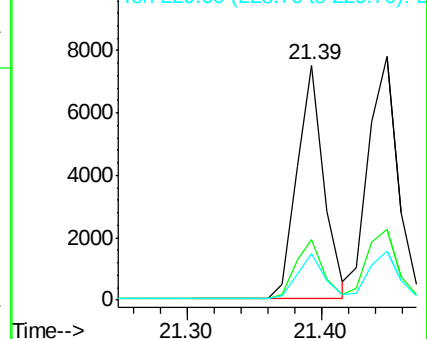
228 100

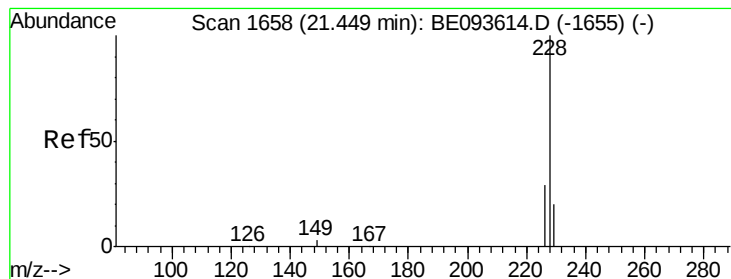
226 25.9 19.7 29.5

229 20.0 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: 0.214 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

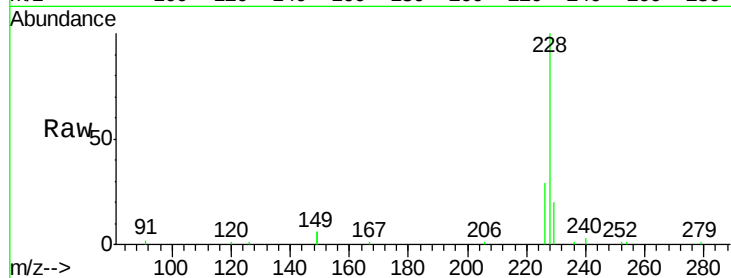
Tgt Ion:228 Resp: 12072

Ion Ratio Lower Upper

228 100

226 28.9 21.5 32.3

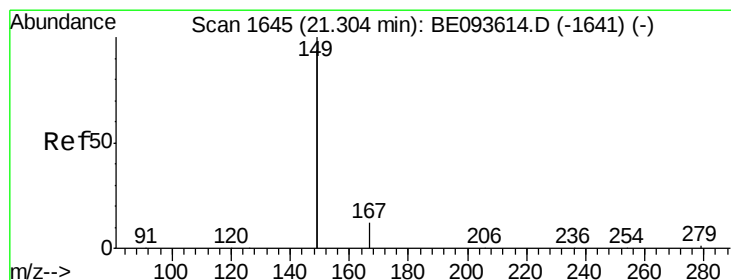
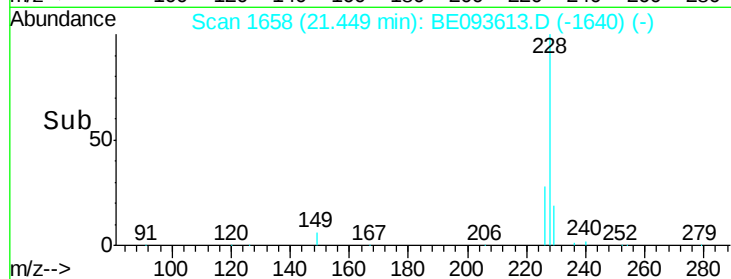
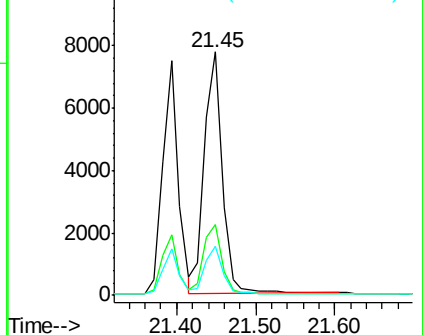
229 20.0 18.6 28.0



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: 0.107 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

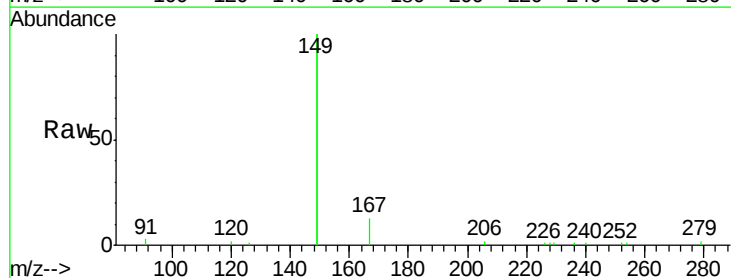
Tgt Ion:149 Resp: 13236

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

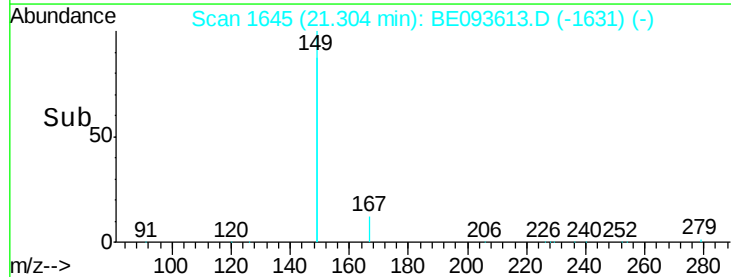
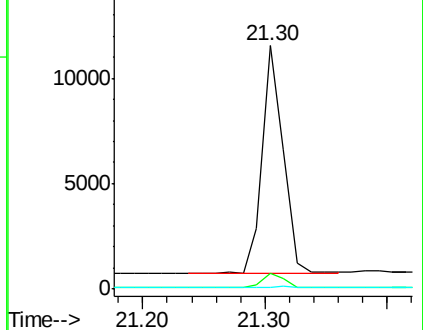
279 1.0 0.8 1.2

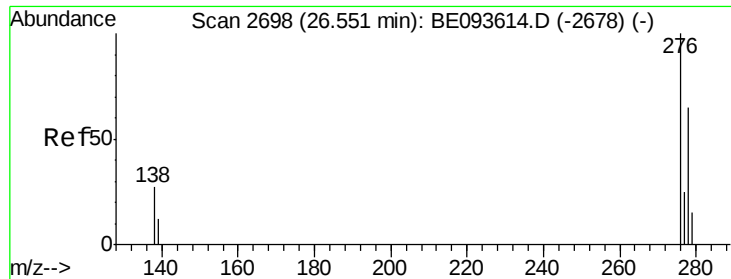


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.204 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

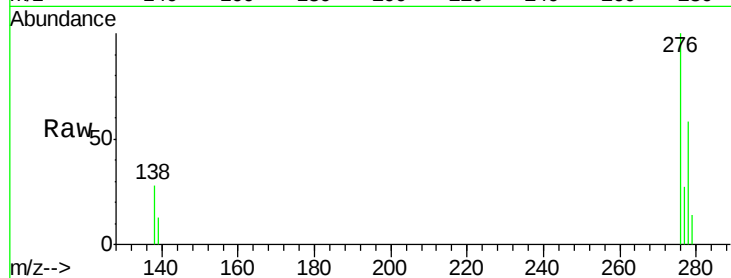
Tgt Ion:276 Resp: 10883

Ion Ratio Lower Upper

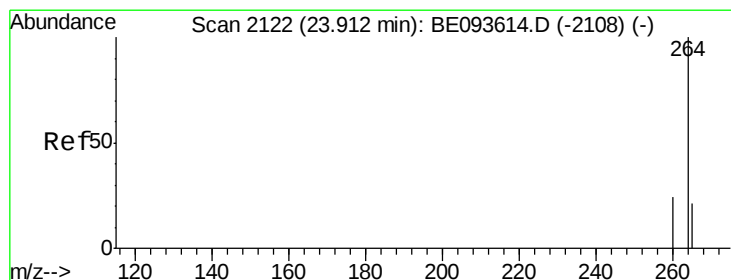
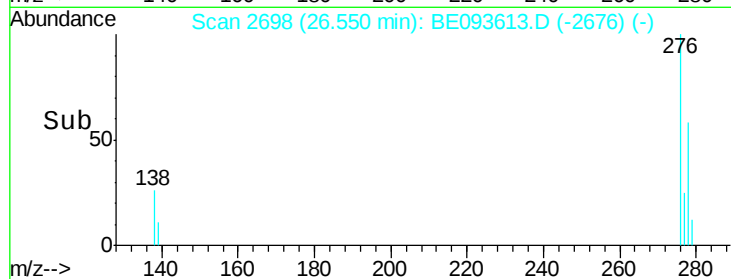
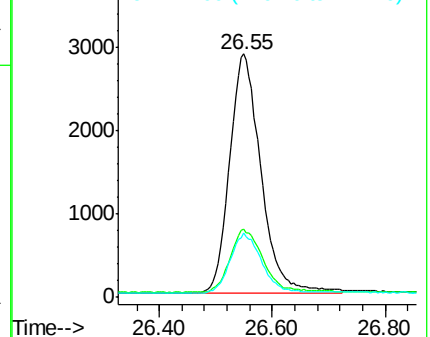
276 100

138 27.7 27.4 41.2

277 24.8 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. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

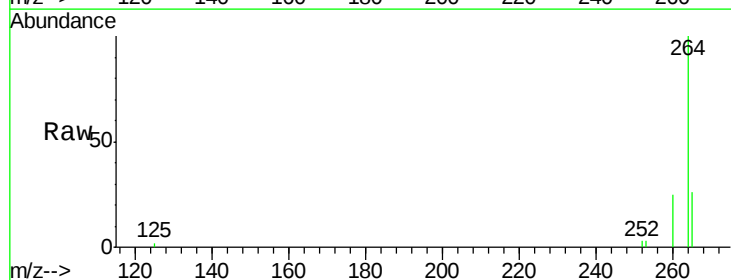
Tgt Ion:264 Resp: 14778

Ion Ratio Lower Upper

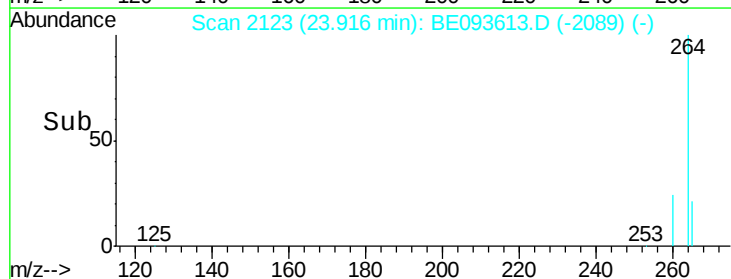
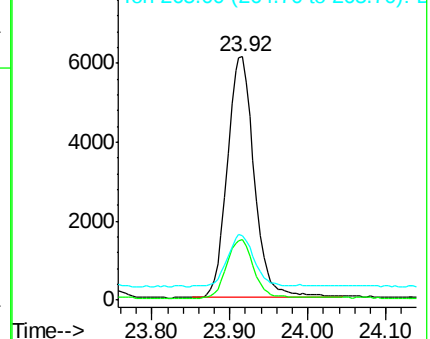
264 100

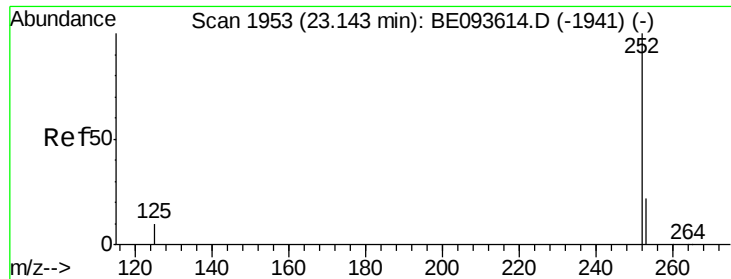
260 24.7 21.0 31.4

265 26.4 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.205 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

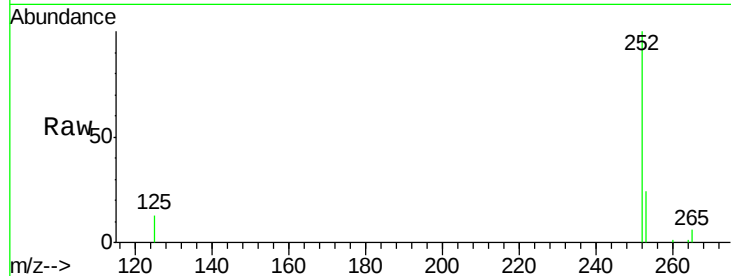
Tgt Ion:252 Resp: 10625

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

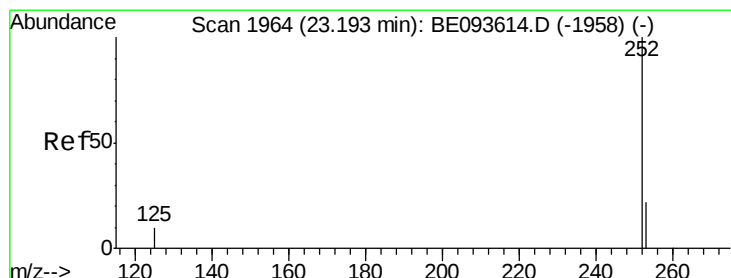
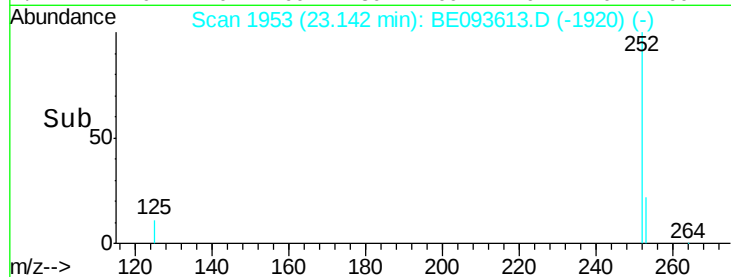
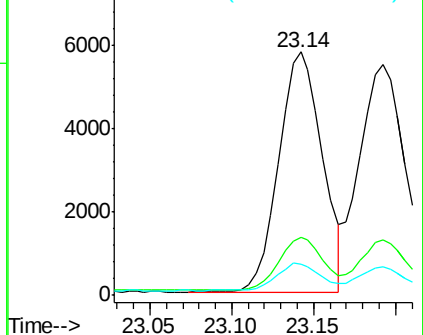
125 12.7 13.4 20.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.207 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

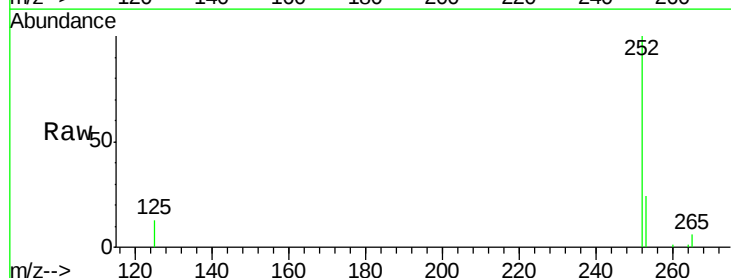
Tgt Ion:252 Resp: 10625

Ion Ratio Lower Upper

252 100

253 24.0 20.3 30.5

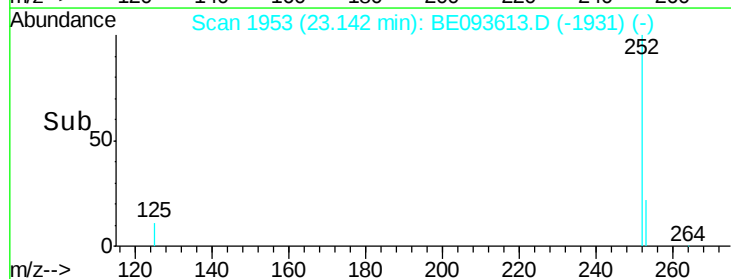
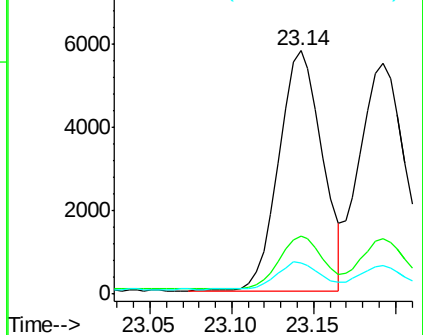
125 12.7 12.2 18.4

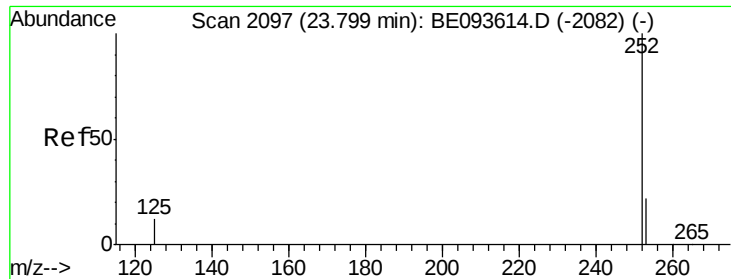


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.200 ng

RT: 23.80 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

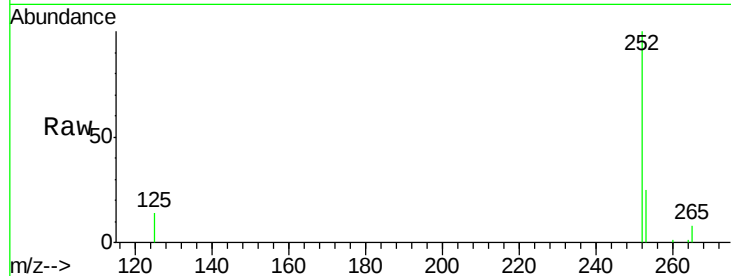
Tgt Ion:252 Resp: 9662

Ion Ratio Lower Upper

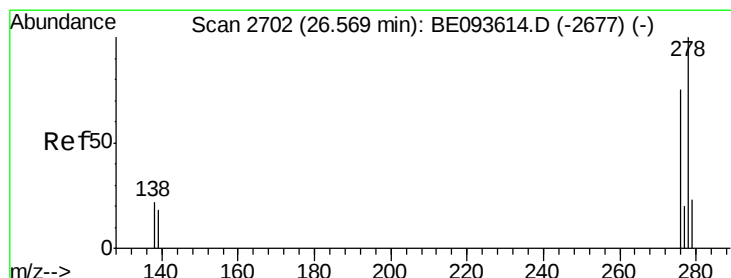
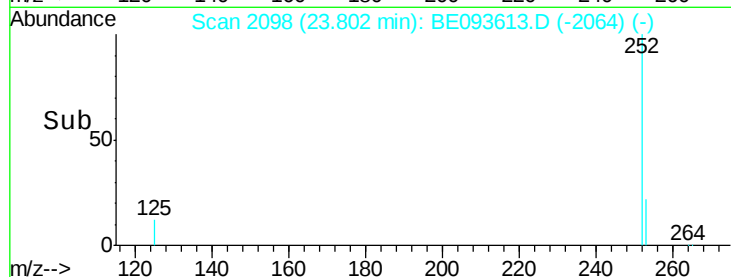
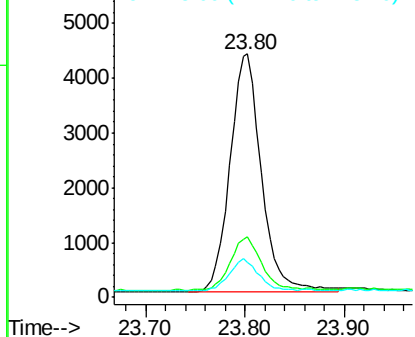
252 100

253 24.7 19.9 29.9

125 14.5 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: 0.200 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093613.D

Acq: 1 Aug 2017 12:59

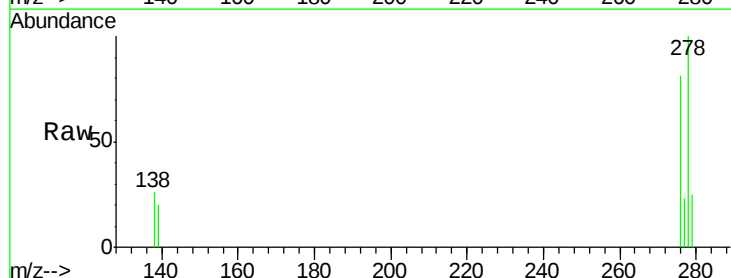
Tgt Ion:278 Resp: 9136

Ion Ratio Lower Upper

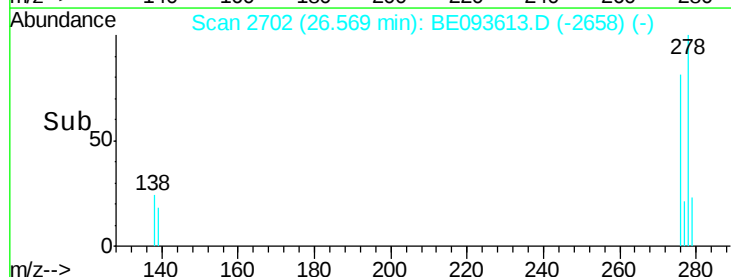
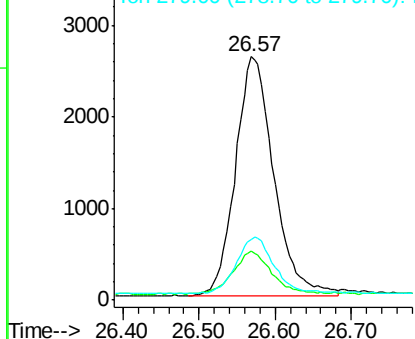
278 100

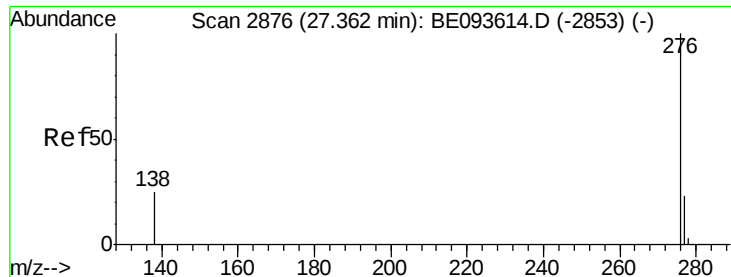
139 20.4 21.4 32.0#

279 24.9 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: 0.208 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093613.D

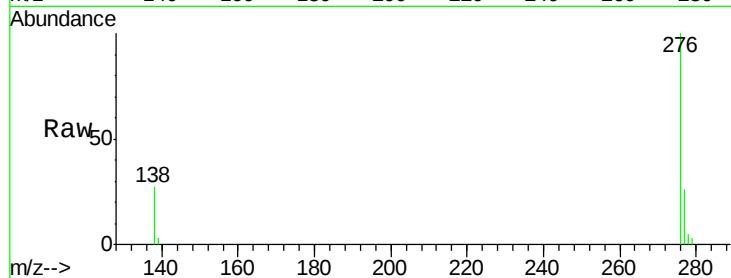
Acq: 1 Aug 2017 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



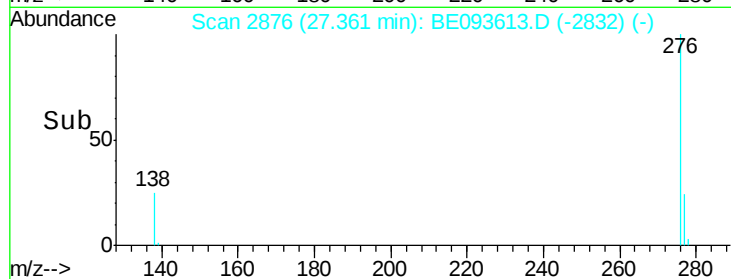
Tgt Ion: 276 Resp: 9528

Ion Ratio Lower Upper

276 100

277 25.8 21.2 31.8

138 26.7 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

