

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070117\
 Data File : BE093377.D
 Acq On : 30 Jun 2017 14:36
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 30 19:50:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 19:47:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4038	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	20519	0.40	ng	0.00
13) Acenaphthene-d10	14.55	164	13118	0.40	ng	0.00
19) Phenanthrene-d10	17.25	188	24060	0.40	ng	-0.01
27) Chrysene-d12	21.44	240	55327	0.40	ng	0.00
34) Perylene-d12	23.95	264	50188	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	4477	0.36	ng	0.00
5) Phenol-d6	7.10	99	6612	0.35	ng	0.00
8) Nitrobenzene-d5	9.09	82	4493	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.32	152	11787	0.36	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	18457	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	178490	0.80	ng	0.00
29) Terphenyl-d14	19.89	244	37215	0.36	ng	0.00

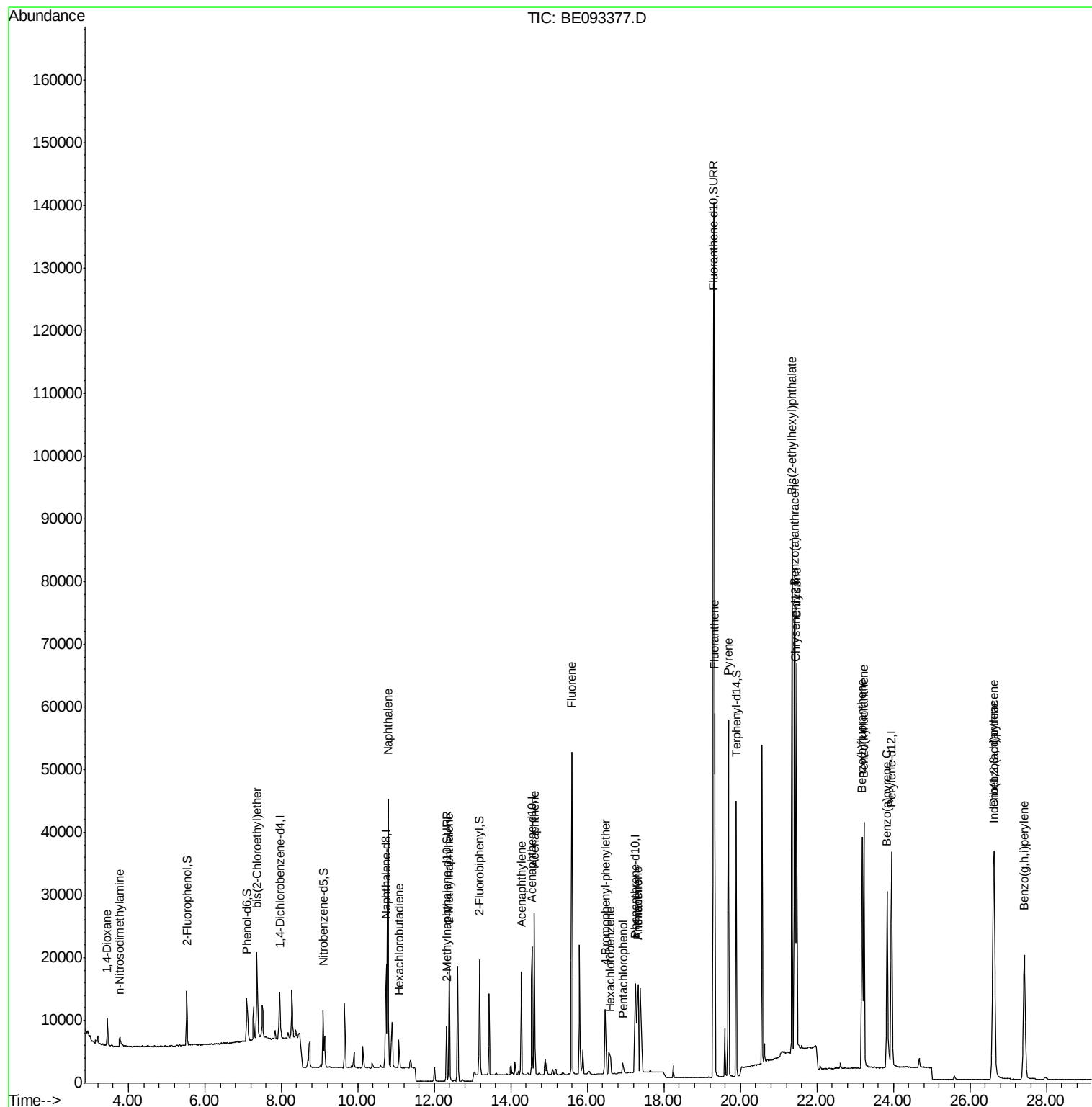
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3054	0.366	ng	97
3) n-Nitrosodimethylamine	3.76	42	1868	0.422	ng	# 97
6) bis(2-Chloroethyl)ether	7.36	93	4777	0.361	ng	# 98
9) Naphthalene	10.79	128	75977	0.356	ng	# 73
10) Hexachlorobutadiene	11.08	225	3135	0.365	ng	99
12) 2-Methylnaphthalene	12.39	142	13031	0.359	ng	97
16) Acenaphthylene	14.27	152	20272	0.356	ng	# 87
17) Acenaphthene	14.61	154	14220	0.354	ng	99
18) Fluorene	15.59	166	19826	0.359	ng	# 87
20) 4-Bromophenyl-phenylether	16.47	248	8065	1.264	ng	# 1
21) Hexachlorobenzene	16.60	284	5390	0.586	ng	# 100
22) Pentachlorophenol	16.93	266	1615	1.387	ng	# 79
23) Phenanthrene	17.32	178	25691	0.441	ng	96
24) Anthracene	17.32	178	25682	0.438	ng	# 80
26) Fluoranthene	19.33	202	50164	0.795	ng	99
28) Pyrene	19.69	202	54658	0.374	ng	# 99
30) Benzo(a)anthracene	21.42	228	54843	0.364	ng	# 93
31) Chrysene	21.47	228	54787	0.348	ng	93
32) Bis(2-ethylhexyl)phthalate	21.35	149	86221	0.387	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.60	276	55701	0.362	ng	# 90
35) Benzo(b)fluoranthene	23.18	252	52668	0.334	ng	# 94
36) Benzo(k)fluoranthene	23.23	252	56017	0.354	ng	# 94
37) Benzo(a)pyrene	23.84	252	47757	0.341	ng	# 93
38) Dibenzo(a,h)anthracene	26.64	278	48821	0.342	ng	# 87
39) Benzo(g,h,i)perylene	27.42	276	49737	0.342	ng	# 88

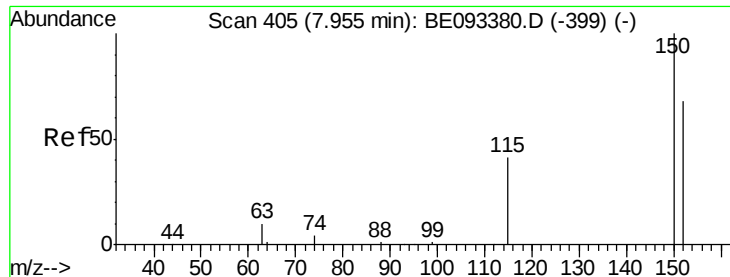
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 405

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

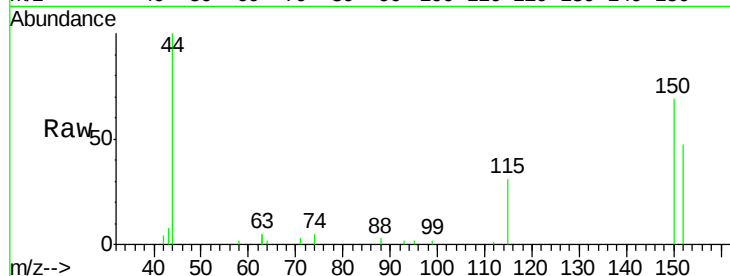
Tgt Ion: 152 Resp: 4038

Ion Ratio Lower Upper

152 100

150 147.6 125.1 187.7

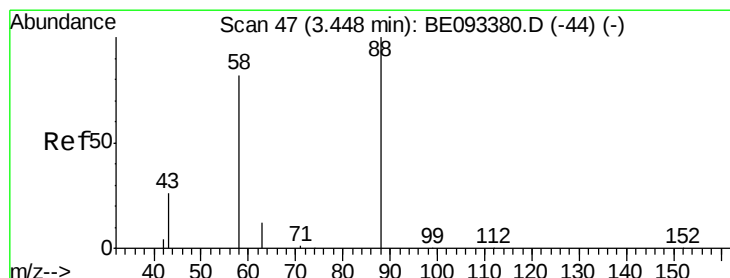
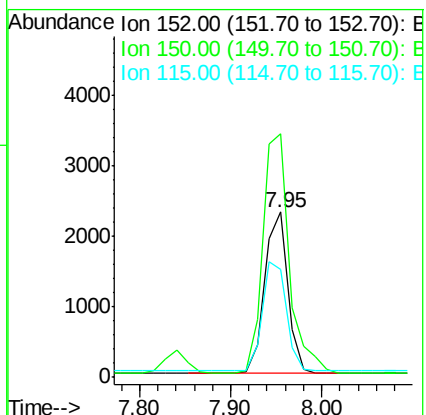
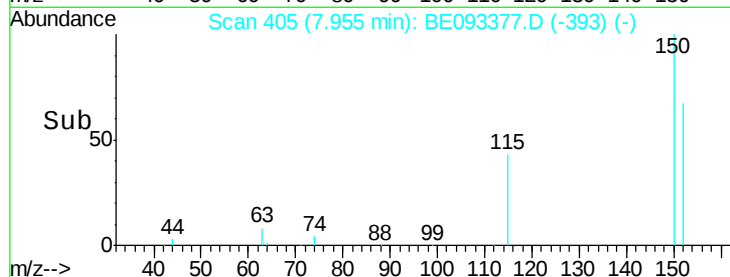
115 65.6 55.7 83.5



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: 0.366 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

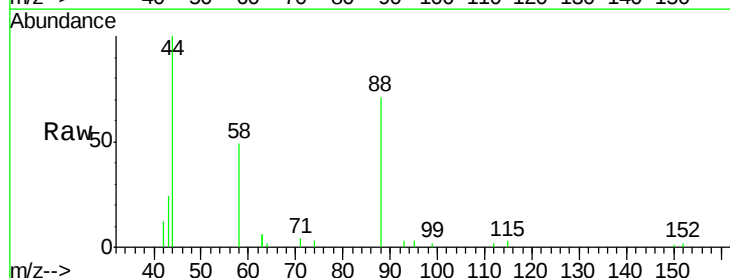
Tgt Ion: 88 Resp: 3054

Ion Ratio Lower Upper

88 100

58 80.8 62.2 93.4

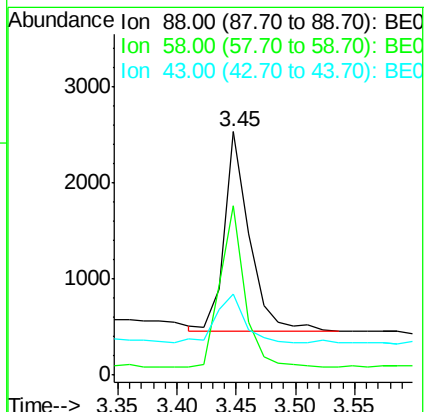
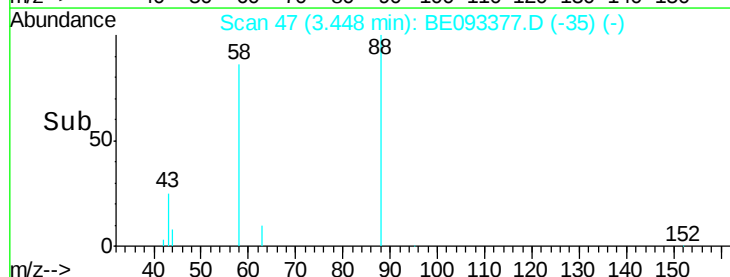
43 29.1 23.2 34.8

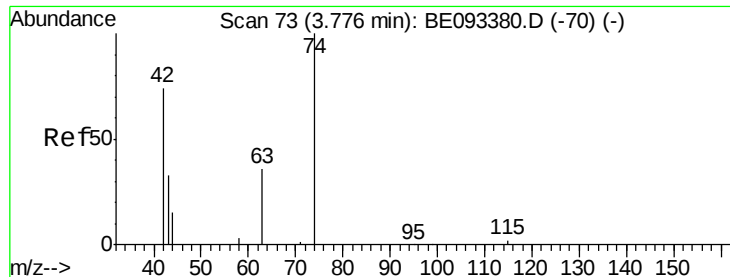


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.422 ng

RT: 3.76 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

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ClientSampleId :

SSTDCCC0.4

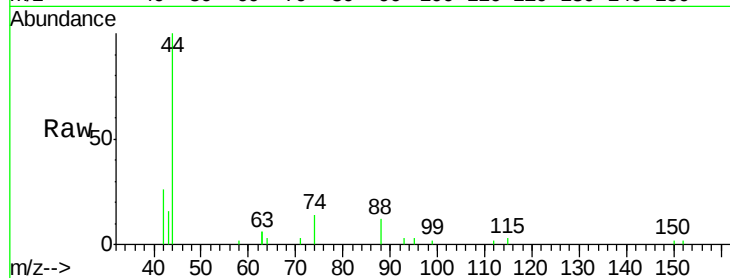
Tgt Ion: 42 Resp: 1868

Ion Ratio Lower Upper

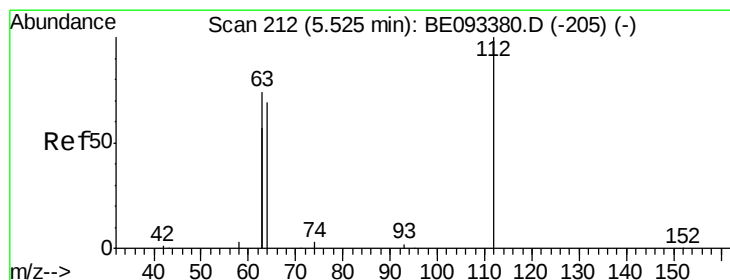
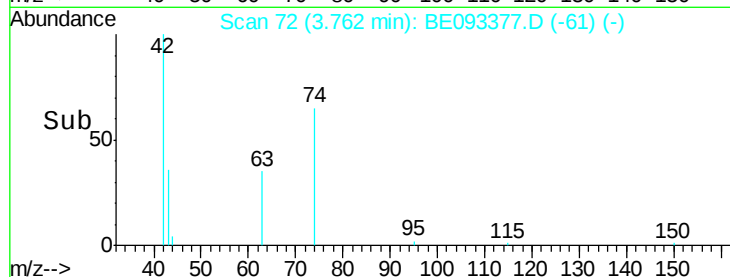
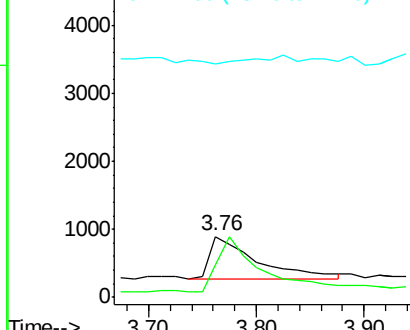
42 100

74 123.0 99.1 148.7

44 0.0 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: 0.356 ng

RT: 5.52 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

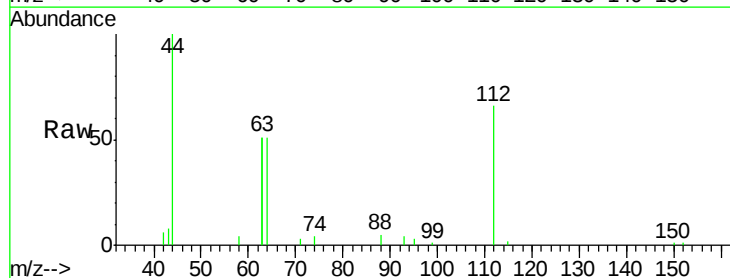
Tgt Ion: 112 Resp: 4477

Ion Ratio Lower Upper

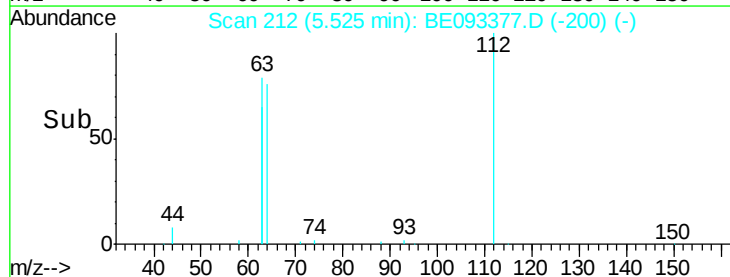
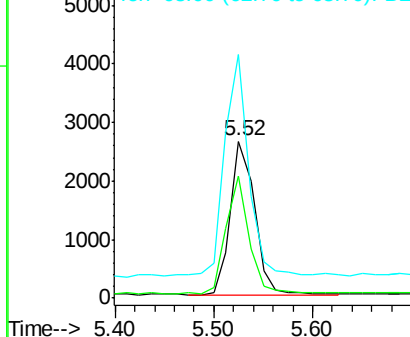
112 100

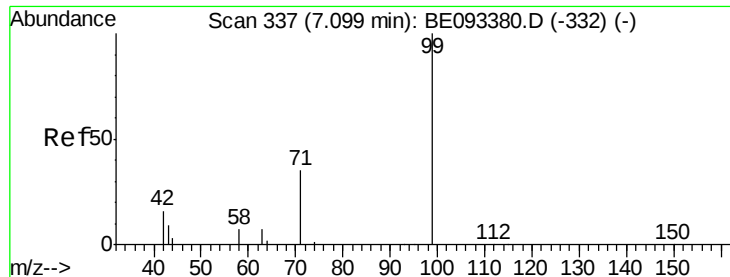
64 72.3 56.4 84.6

63 139.4 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: 0.352 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

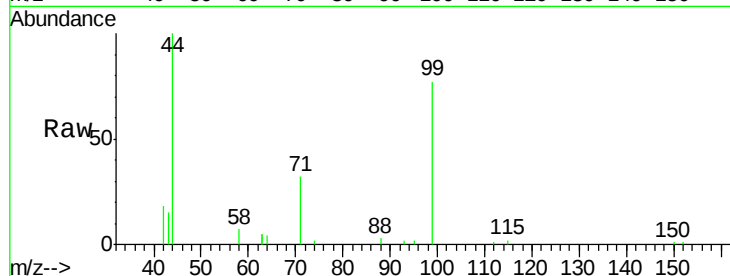
Tgt Ion: 99 Resp: 6612

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

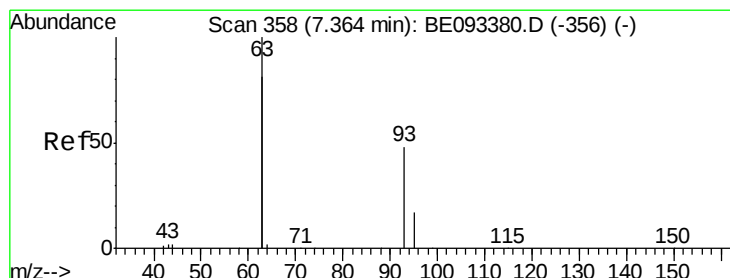
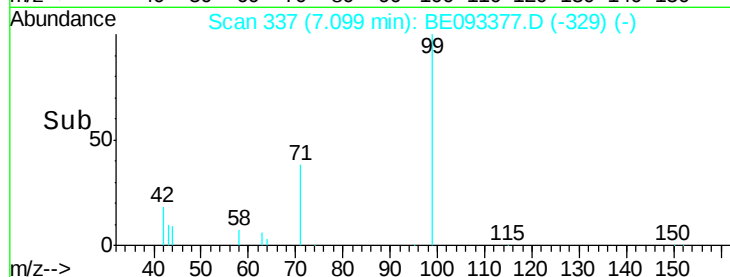
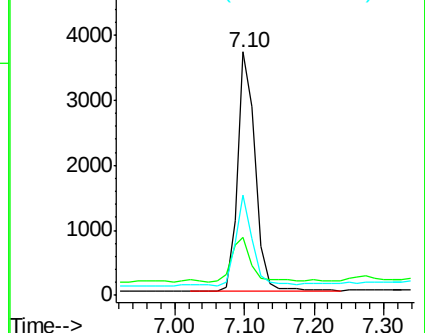
71 34.9 0.0 0.0#



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: 0.361 ng

RT: 7.36 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

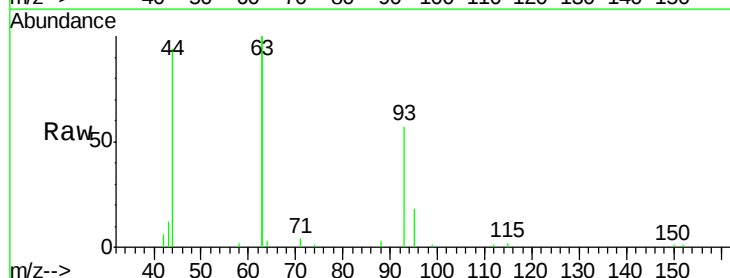
Tgt Ion: 93 Resp: 4777

Ion Ratio Lower Upper

93 100

63 346.9 0.0 0.0#

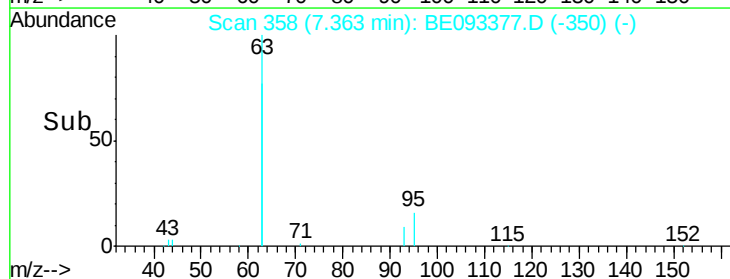
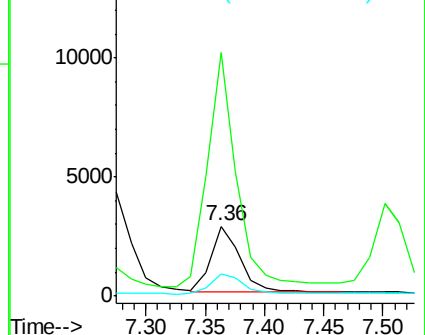
95 32.9 25.4 38.0

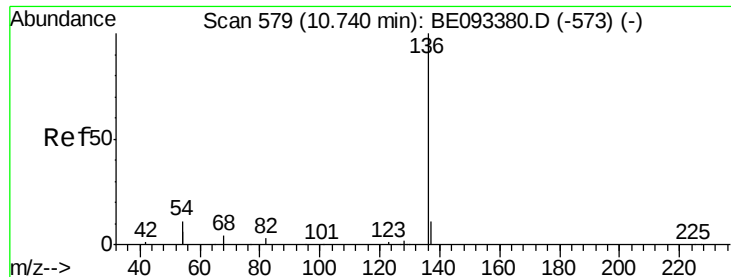


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 20519

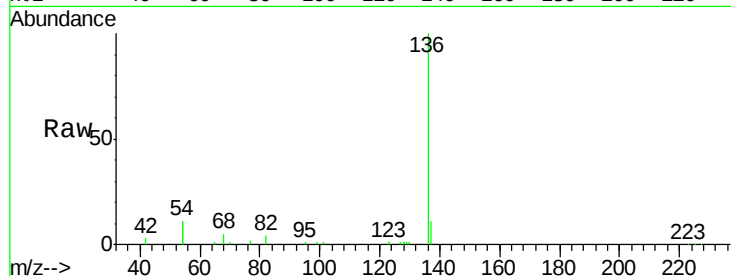
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 22.0 10.3 15.5#

68 4.8 9.0 13.4#

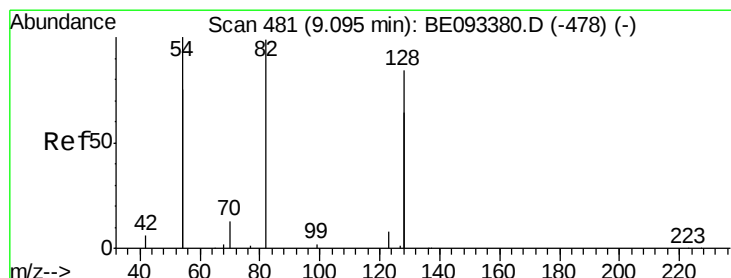
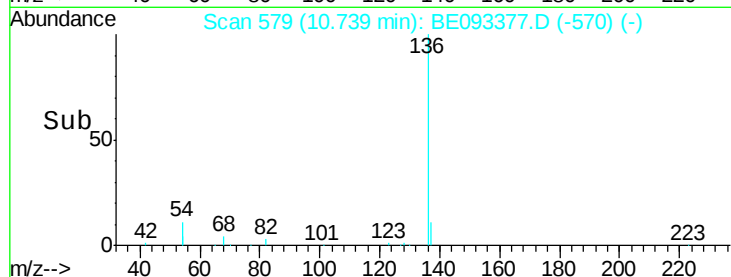
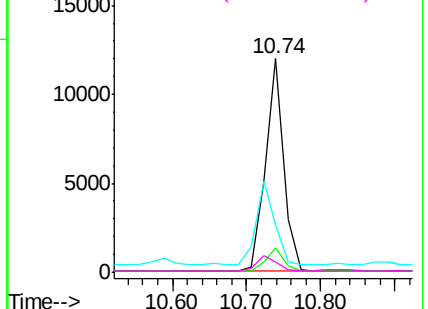


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 9.09 min Scan# 481

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

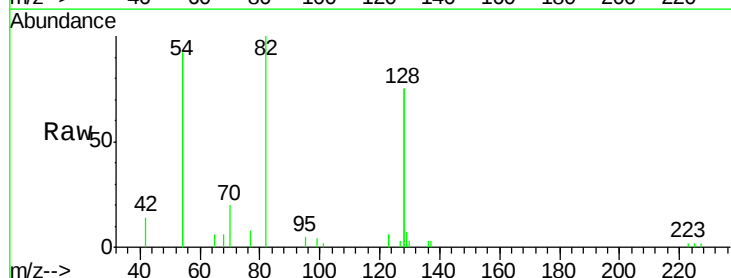
Tgt Ion: 82 Resp: 4493

Ion Ratio Lower Upper

82 100

128 149.4 17.0 25.4#

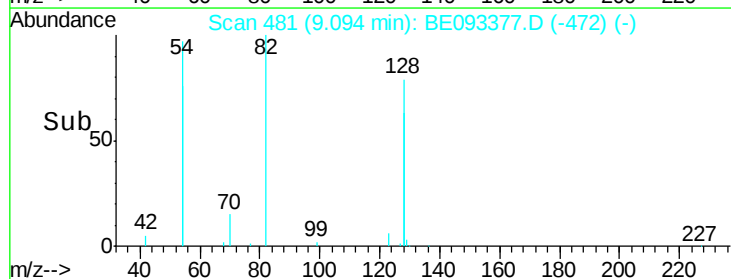
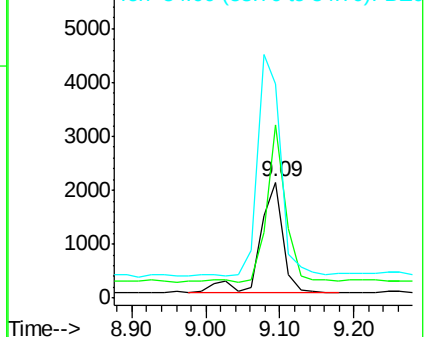
54 184.9 53.8 80.6#

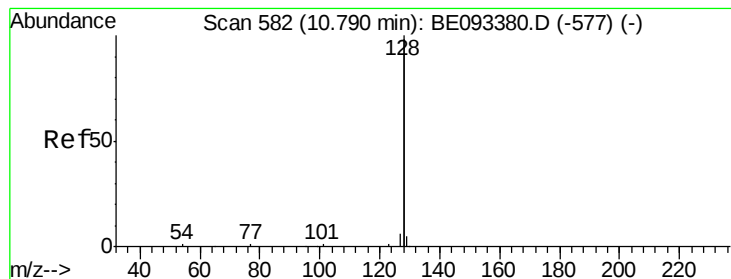


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.79 min Scan# 582

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

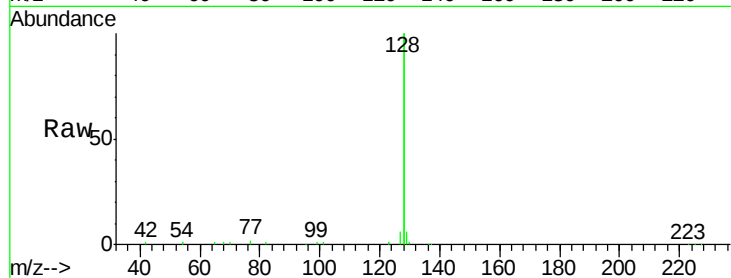
Tgt Ion:128 Resp: 75977

Ion Ratio Lower Upper

128 100

129 3.0 11.4 17.0#

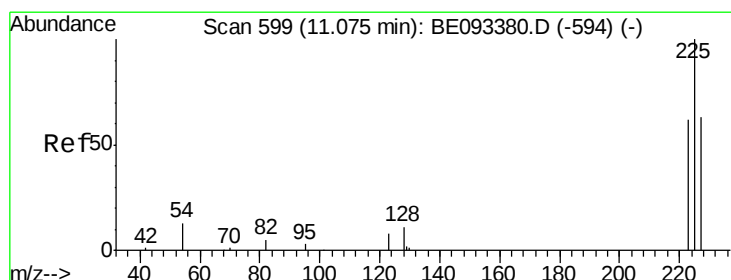
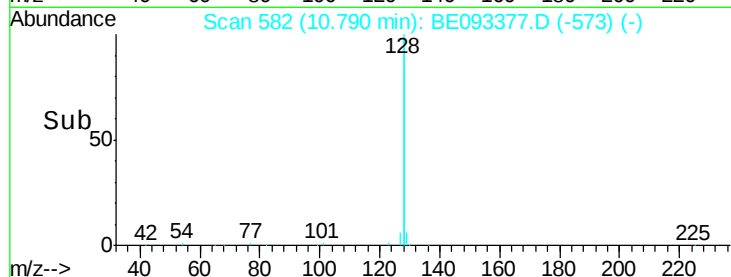
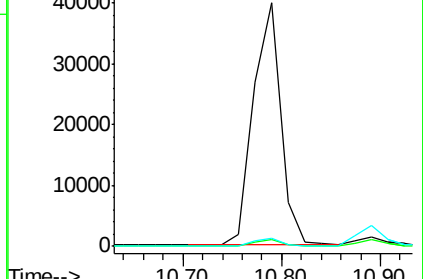
127 3.2 11.2 16.8#



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: 0.365 ng

RT: 11.08 min Scan# 599

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

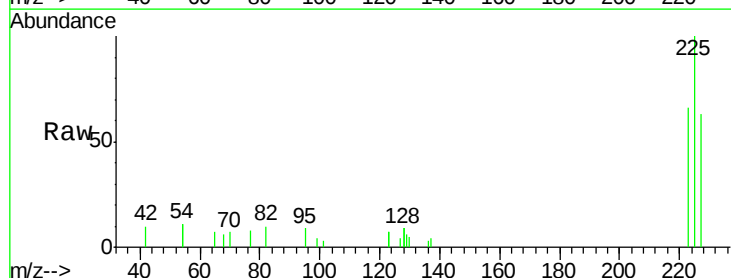
Tgt Ion:225 Resp: 3135

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

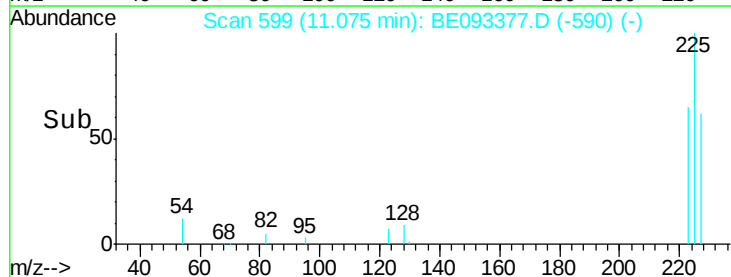
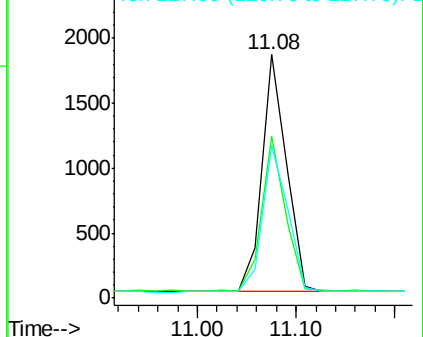
227 63.5 50.3 75.5

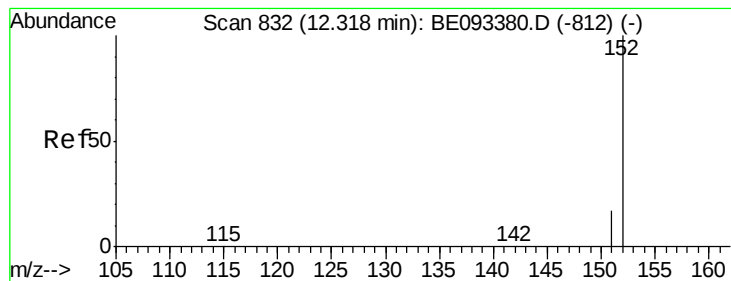


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.32 min Scan# 832

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

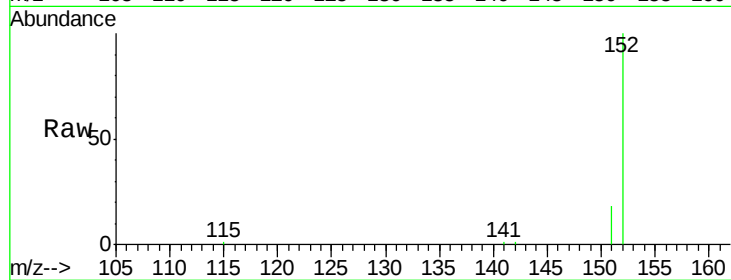
SSTDCCC0.4

Tgt Ion:152 Resp: 11787

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.32

8000

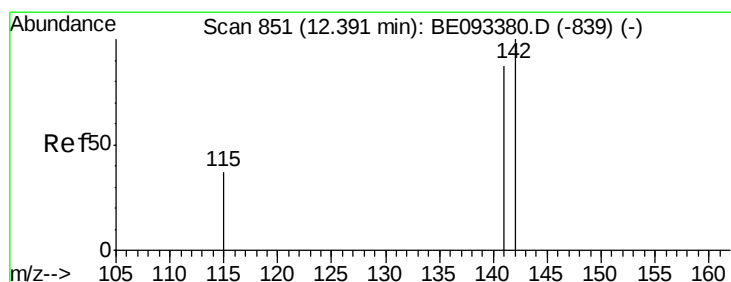
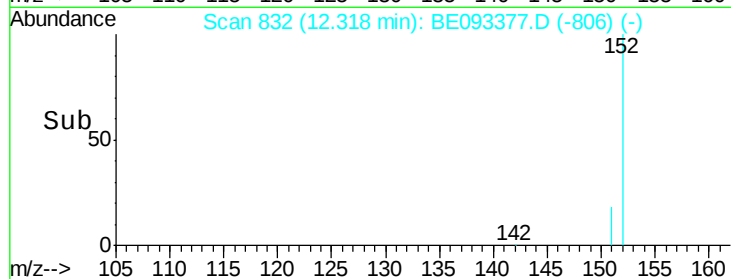
6000

4000

2000

0

Time--> 12.25 12.30 12.35 12.40



#12

2-Methylnaphthalene

Concen: 0.359 ng

RT: 12.39 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

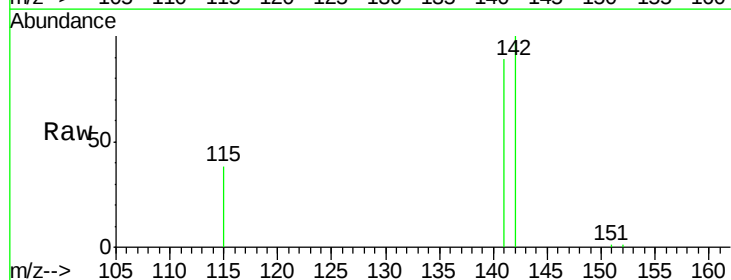
Tgt Ion:142 Resp: 13031

Ion Ratio Lower Upper

142 100

141 88.6 72.6 108.8

115 38.2 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

12.39

10000

8000

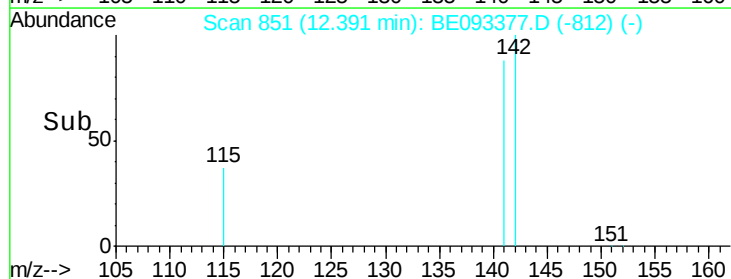
6000

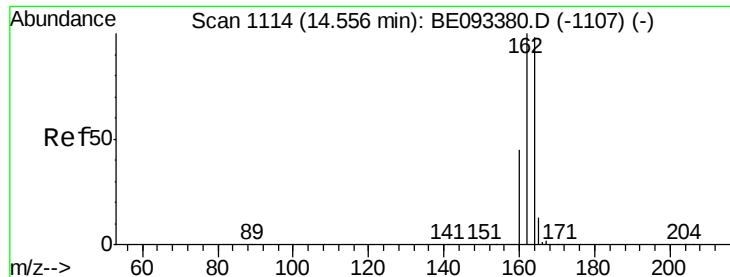
4000

2000

0

Time--> 12.30 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.55 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

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SSTDCCC0.4

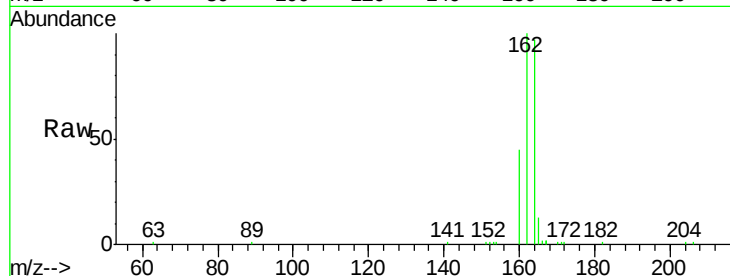
Tgt Ion: 164 Resp: 13118

Ion Ratio Lower Upper

164 100

162 102.7 84.6 127.0

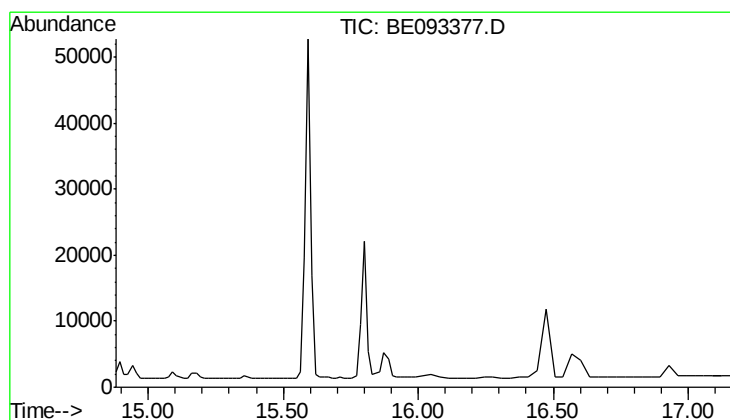
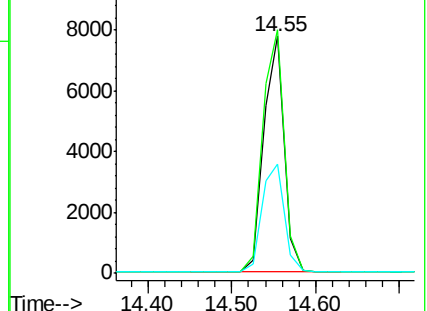
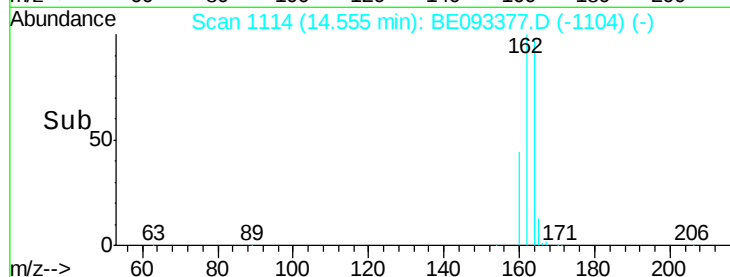
160 46.0 41.8 62.6



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: 0.000 ng

Expected RT: 16.03 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

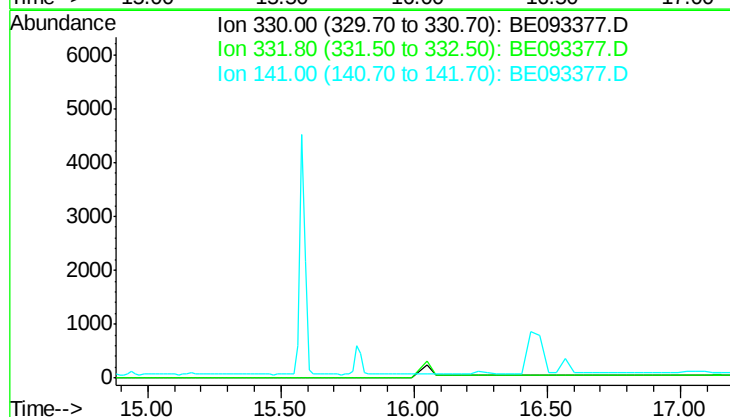
Tgt Ion: 330

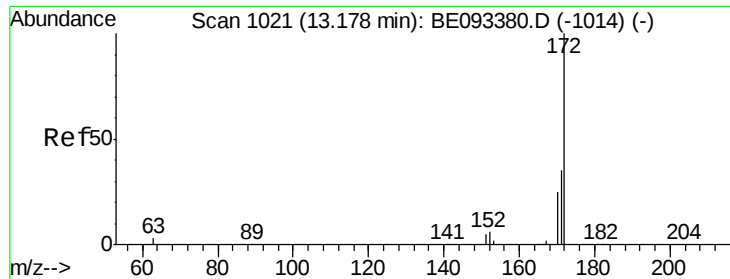
Sig Exp Ratio

330 100

332 97.1

141 70.3

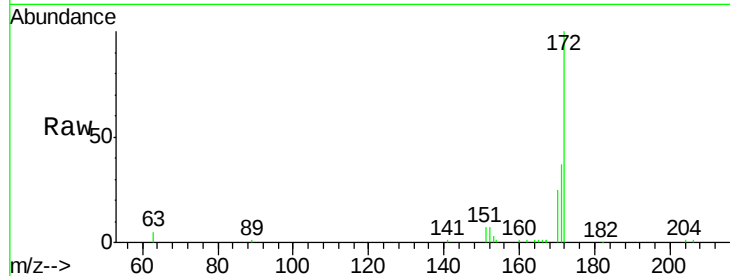




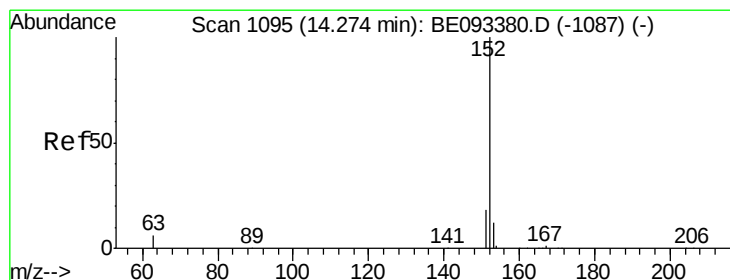
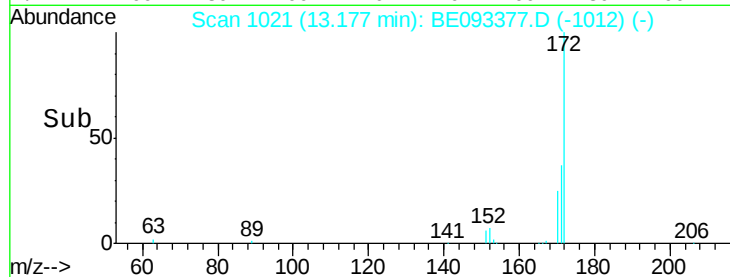
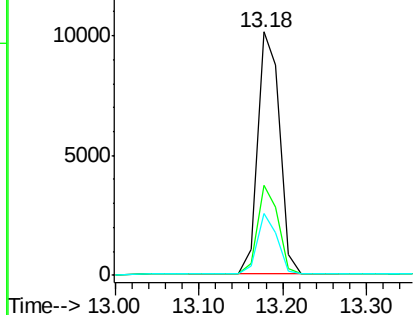
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093377.D
Acq: 30 Jun 2017 14:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 18457
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.4 20.7 31.1

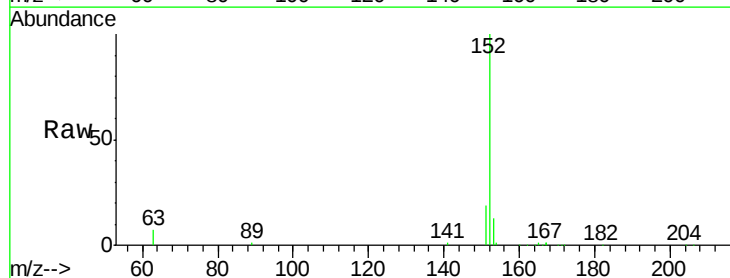


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

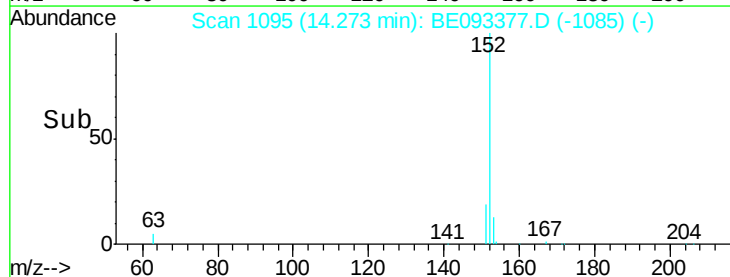
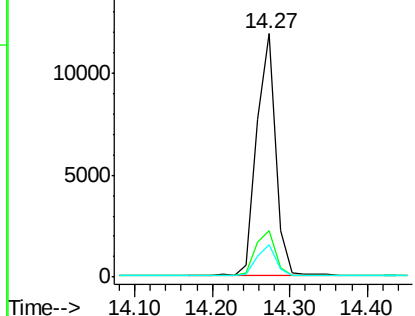


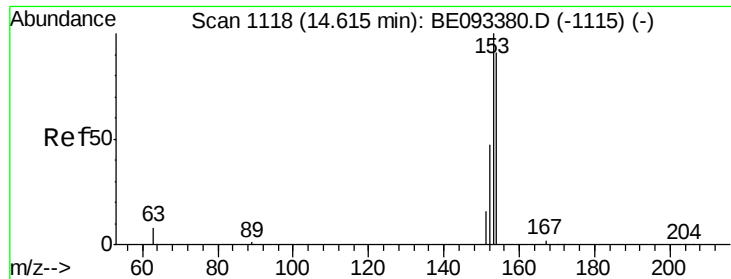
#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE093377.D
Acq: 30 Jun 2017 14:36

Tgt Ion:152 Resp: 20272
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 13.1 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: 0.354 ng

RT: 14.61 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

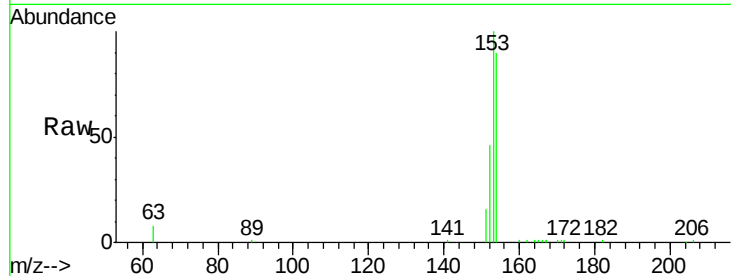
Tgt Ion:154 Resp: 14220

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

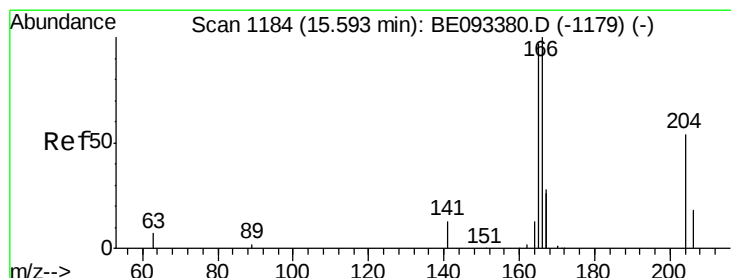
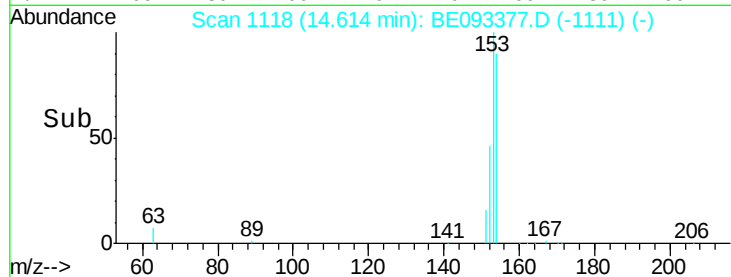
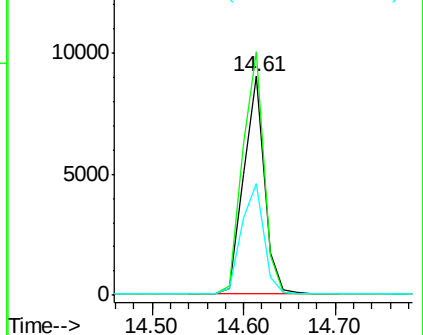
152 53.9 44.8 67.2



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: 0.359 ng

RT: 15.59 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

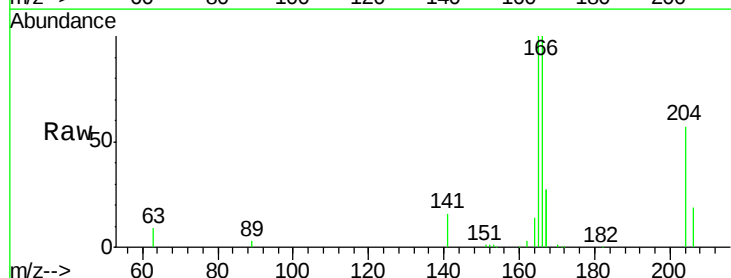
Tgt Ion:166 Resp: 19826

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

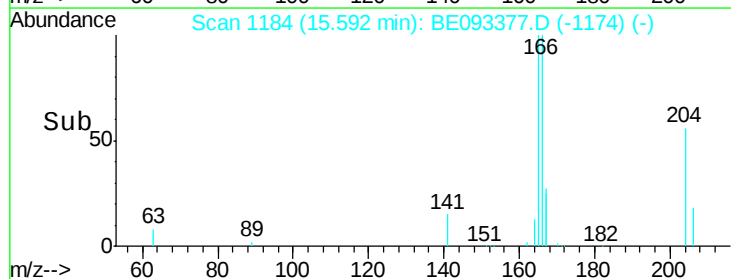
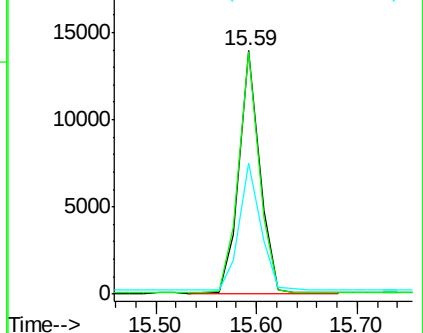
167 53.6 11.1 16.7#

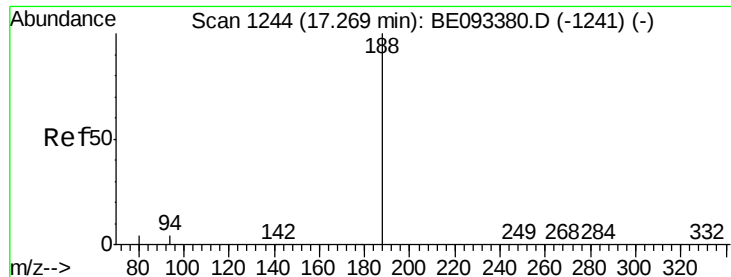


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.25 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

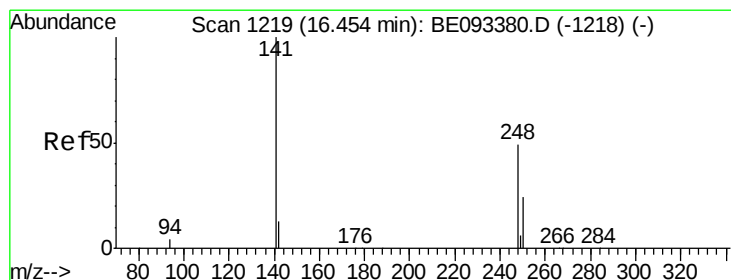
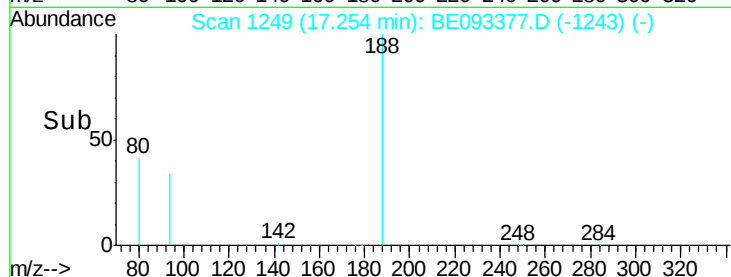
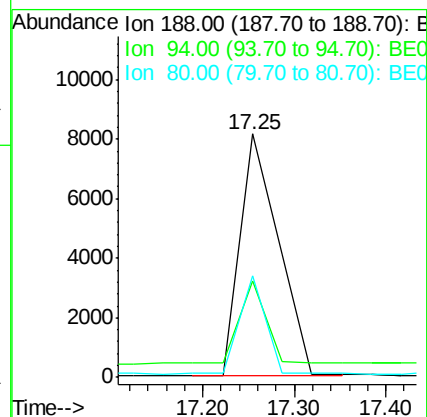
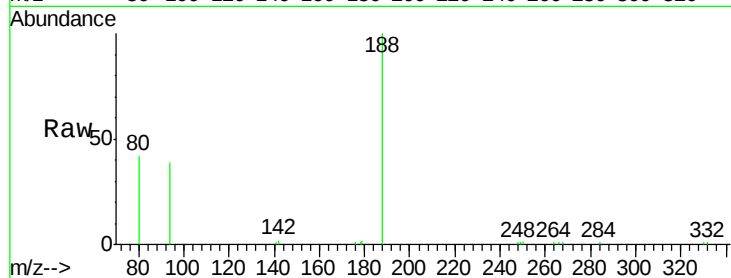
Tgt Ion:188 Resp: 24060

Ion Ratio Lower Upper

188 100

94 39.5 11.3 16.9#

80 41.8 11.7 17.5#



#20

4-Bromophenyl-phenylether

Concen: 1.264 ng

RT: 16.47 min Scan# 1225

Delta R.T. 0.02 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

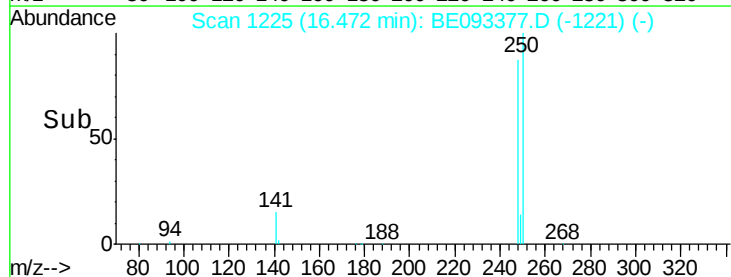
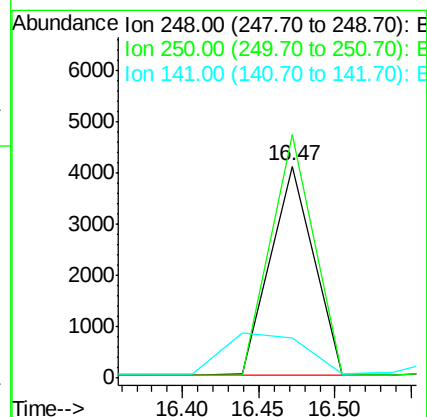
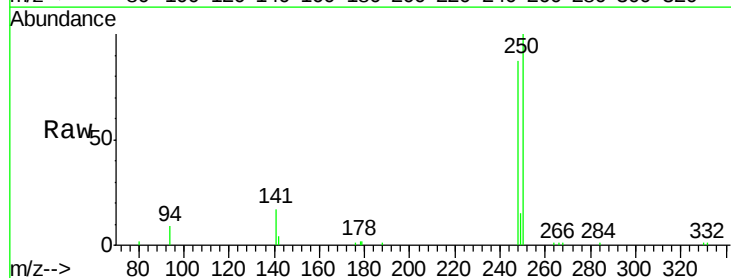
Tgt Ion:248 Resp: 8065

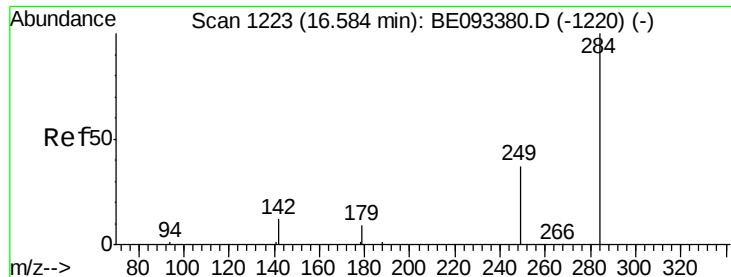
Ion Ratio Lower Upper

248 100

250 115.0 40.8 61.2#

141 19.1 161.6 242.4#

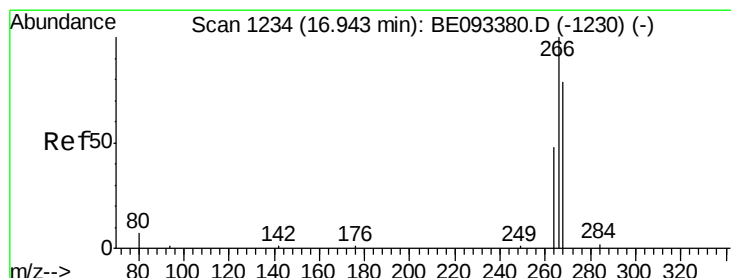
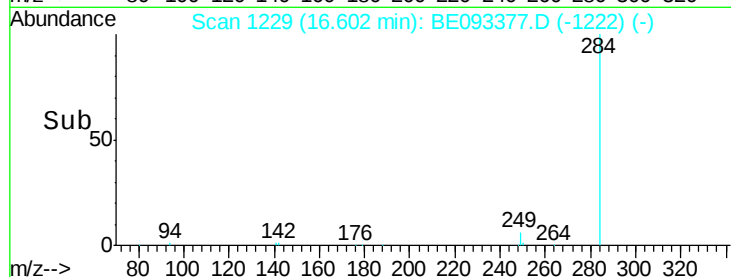
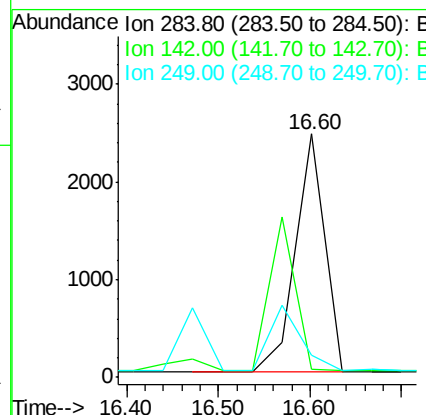
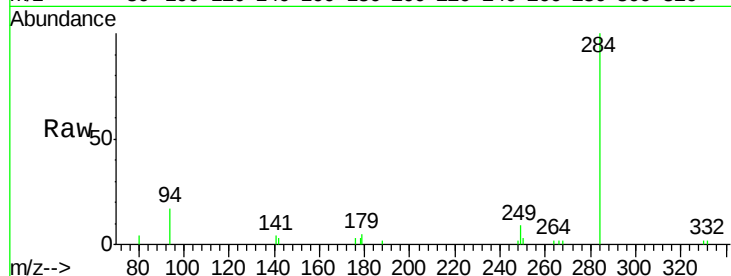




#21
Hexachlorobenzene
Concen: 0.586 ng
RT: 16.60 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BE093377.D
Acq: 30 Jun 2017 14:36

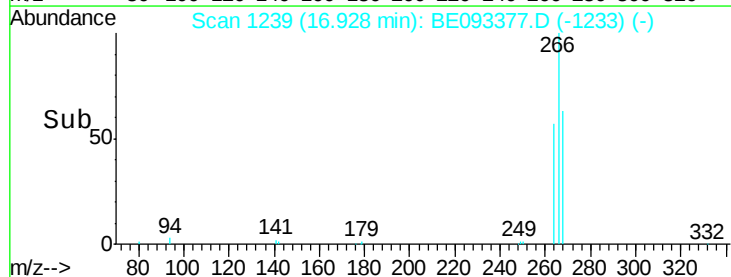
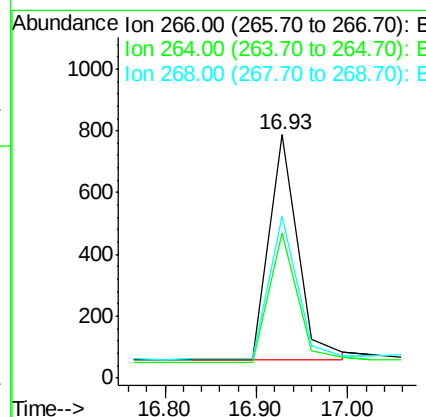
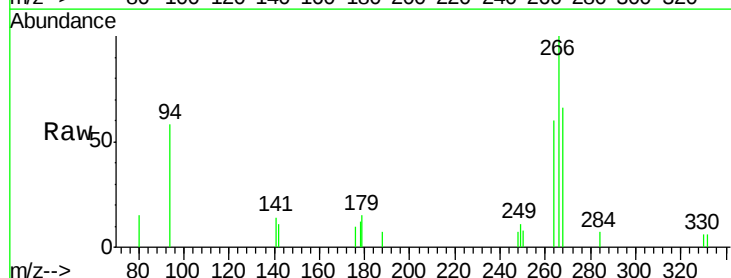
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

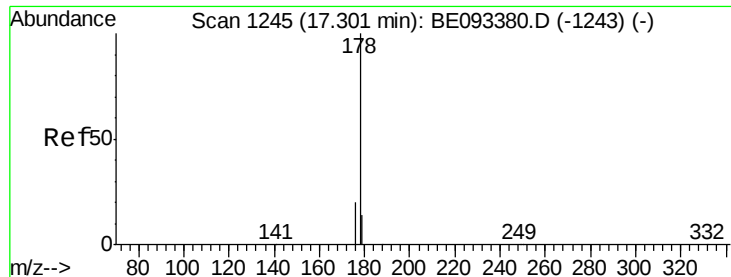
Tgt Ion: 284 Resp: 5390
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 1.387 ng
RT: 16.93 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BE093377.D
Acq: 30 Jun 2017 14:36

Tgt Ion: 266 Resp: 1615
Ion Ratio Lower Upper
266 100
264 59.8 58.2 87.2
268 66.2 71.9 107.9#





#23

Phenanthrene

Concen: 0.441 ng

RT: 17.32 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

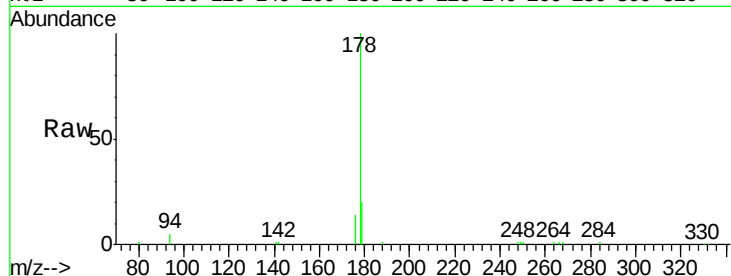
Tgt Ion:178 Resp: 25691

Ion Ratio Lower Upper

178 100

176 16.9 15.0 22.4

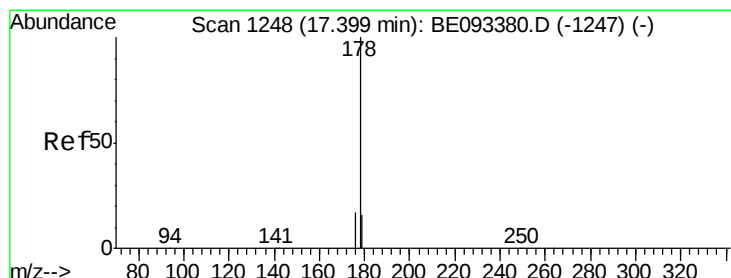
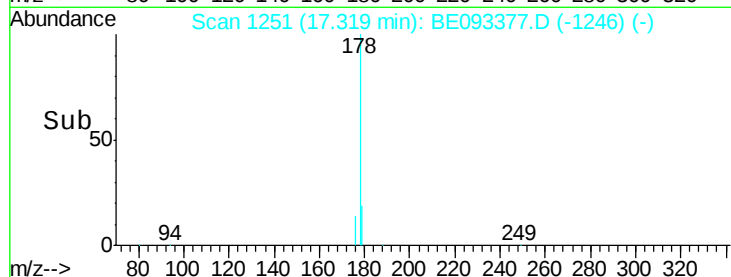
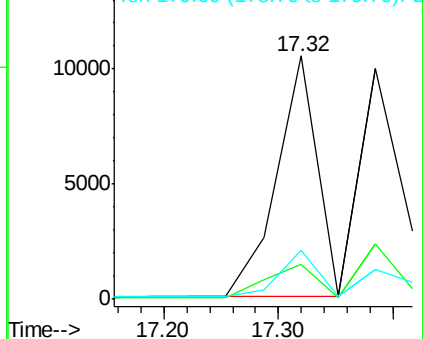
179 17.9 12.7 19.1



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: 0.438 ng

RT: 17.32 min Scan# 1251

Delta R.T. -0.08 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

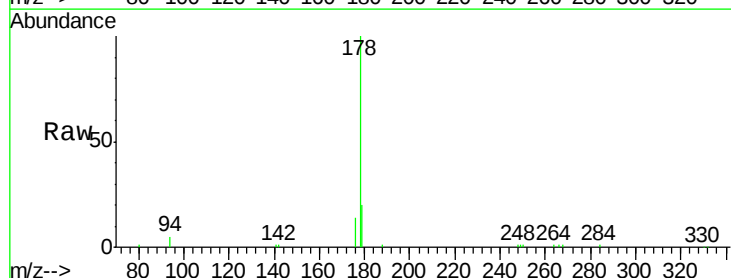
Tgt Ion:178 Resp: 25682

Ion Ratio Lower Upper

178 100

176 16.6 14.6 22.0

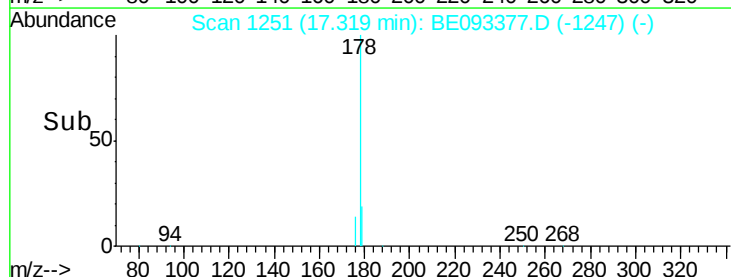
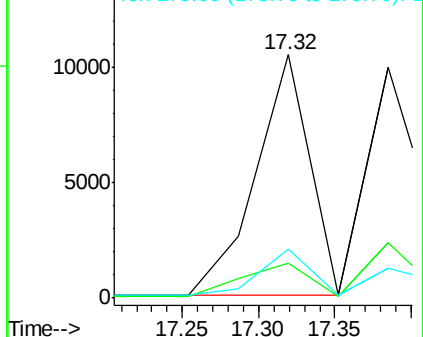
179 31.2 12.0 18.0#

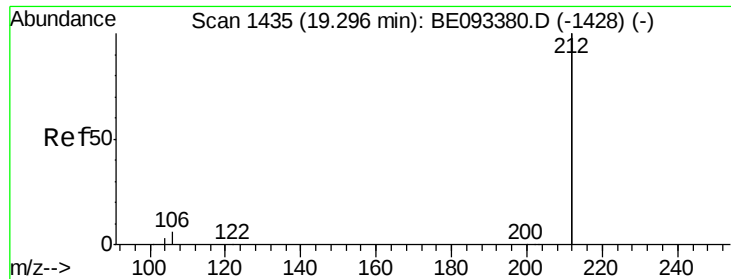


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

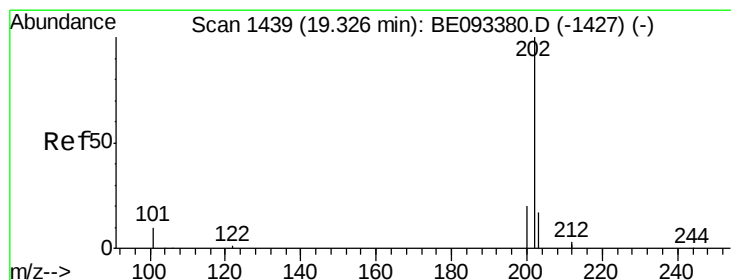
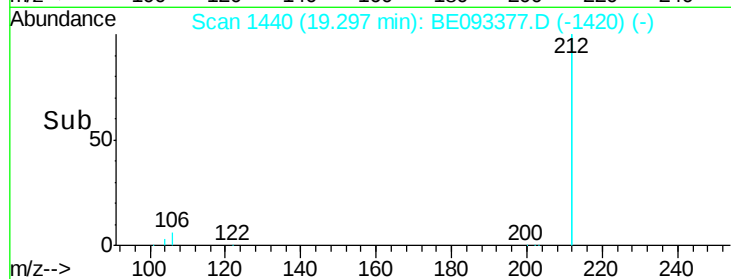
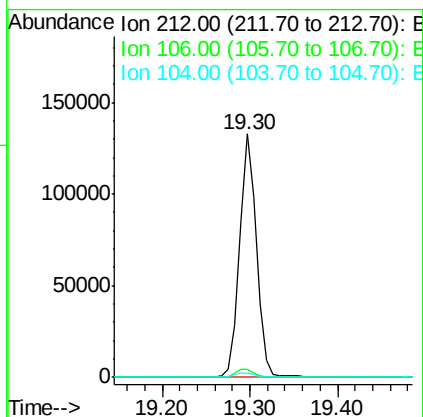
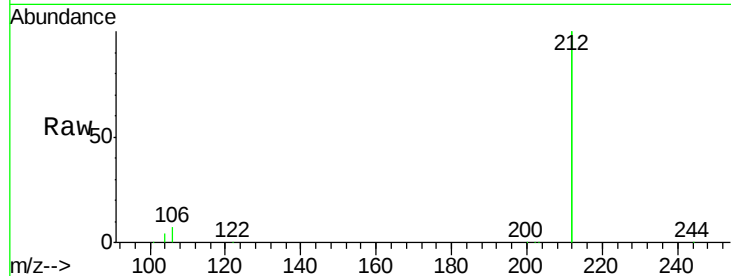




#25
 Fluoranthene-d10
 Concen: 0.805 ng
 RT: 19.30 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BE093377.D
 Acq: 30 Jun 2017 14:36

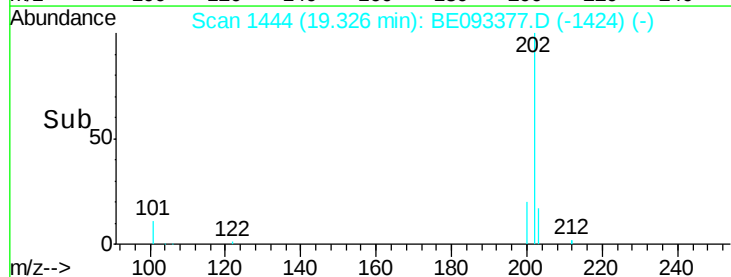
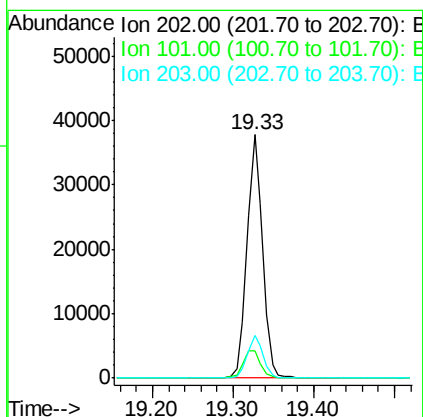
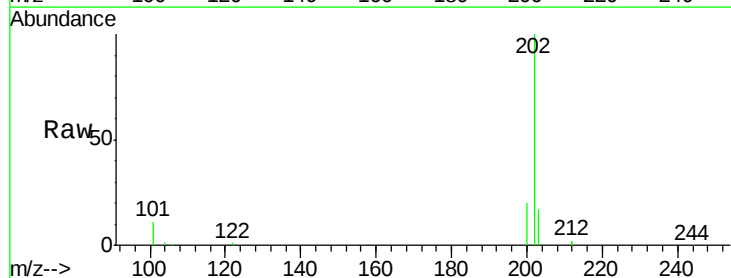
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

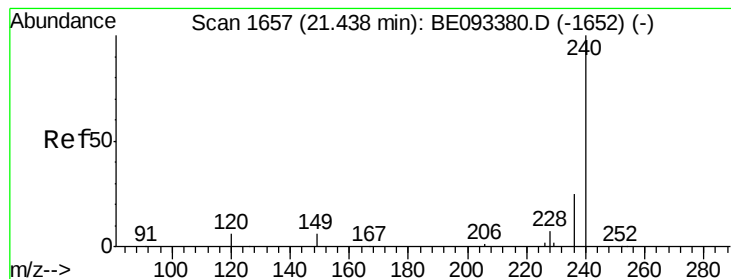
Tgt Ion: 212 Resp: 178490
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.795 ng
 RT: 19.33 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BE093377.D
 Acq: 30 Jun 2017 14:36

Tgt Ion: 202 Resp: 50164
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.6 14.4
 203 17.2 14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

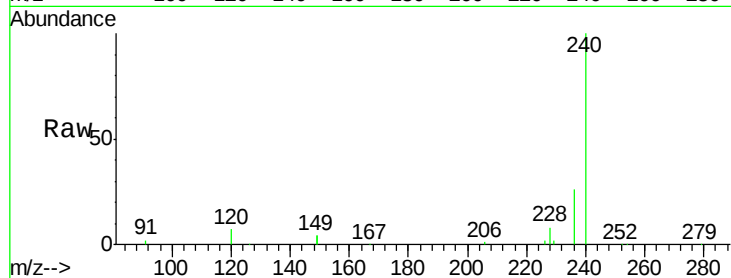
Tgt Ion:240 Resp: 55327

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

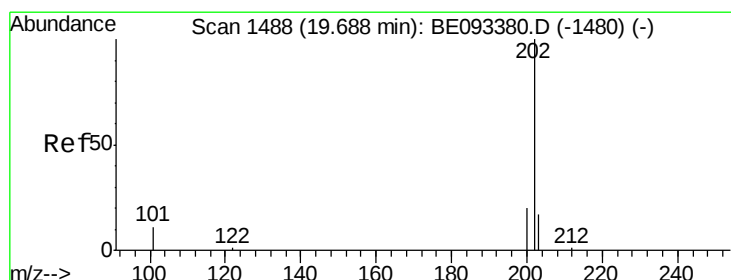
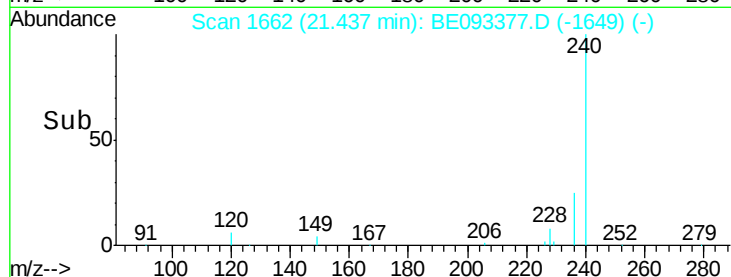
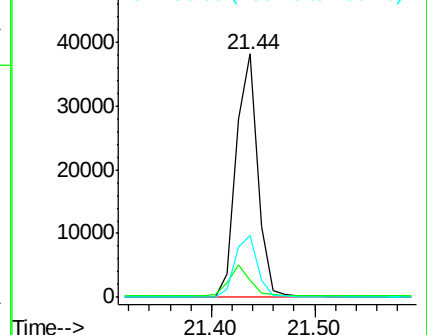
236 25.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.374 ng

RT: 19.69 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

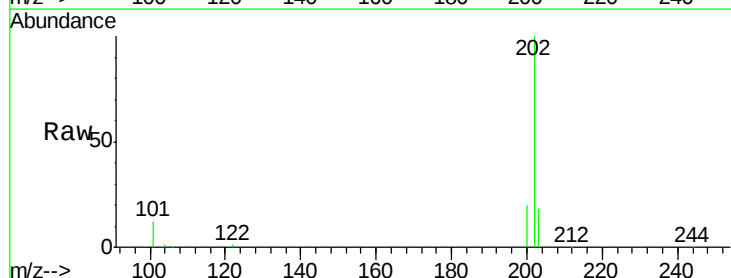
Tgt Ion:202 Resp: 54658

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

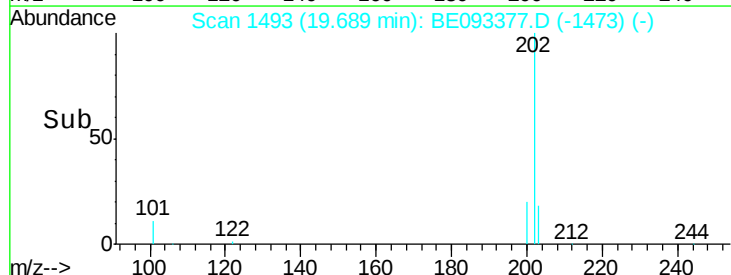
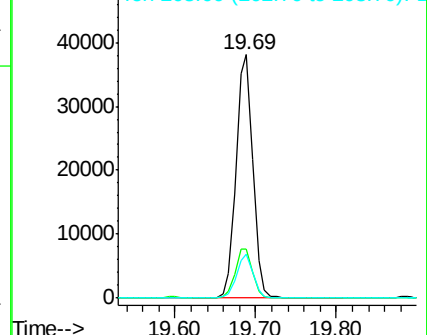
203 17.5 13.7 20.5

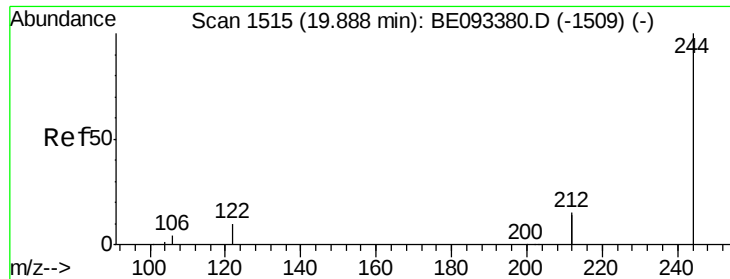


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 19.89 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

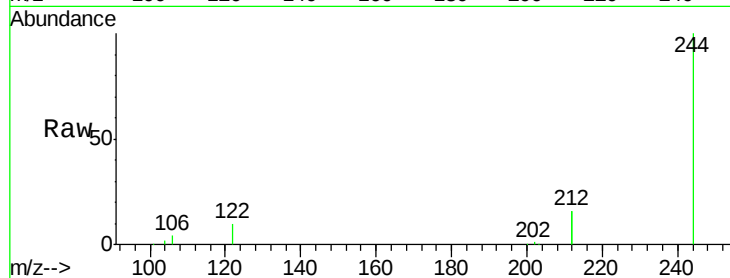
Tgt Ion:244 Resp: 37215

Ion Ratio Lower Upper

244 100

212 31.1 10.6 16.0#

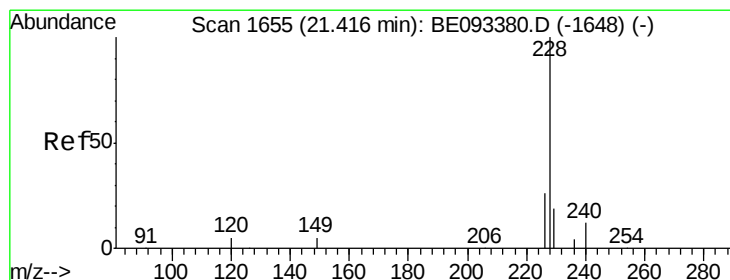
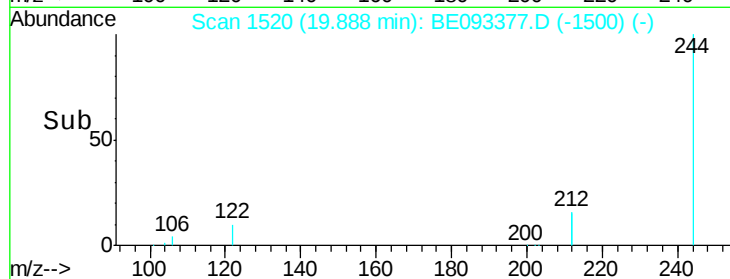
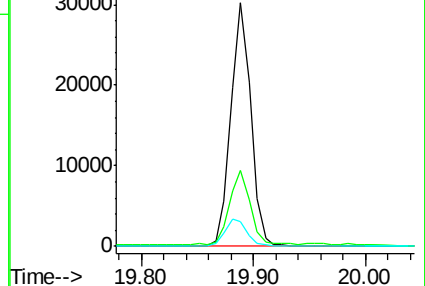
122 10.1 15.4 23.0#



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: 0.364 ng

RT: 21.42 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

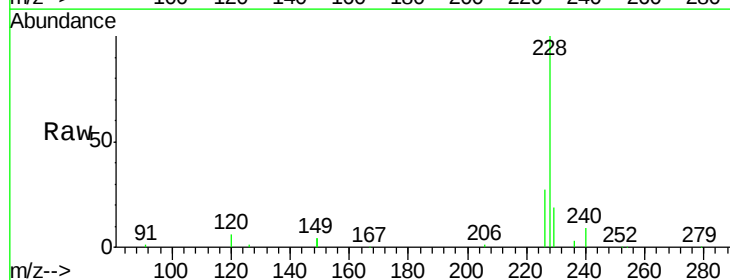
Tgt Ion:228 Resp: 54843

Ion Ratio Lower Upper

228 100

226 26.9 19.7 29.5

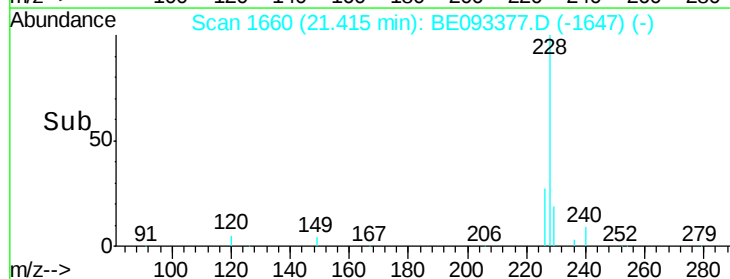
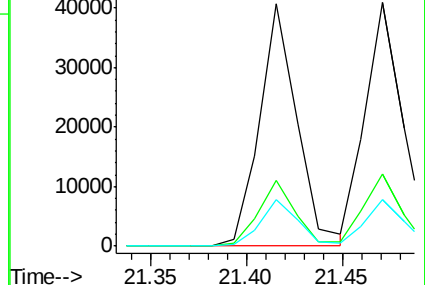
229 19.2 19.2 28.8#

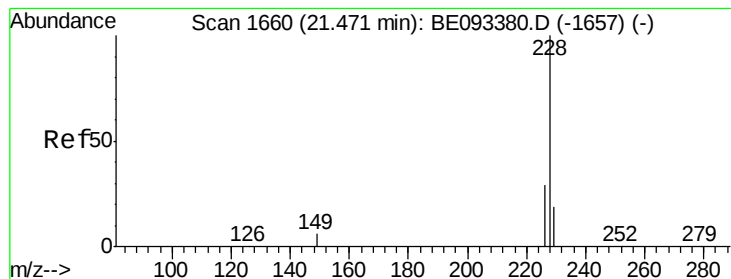


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.348 ng

RT: 21.47 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

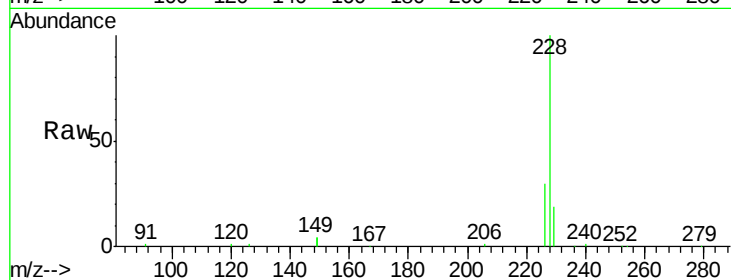
Tgt Ion:228 Resp: 54787

Ion Ratio Lower Upper

228 100

226 29.7 21.5 32.3

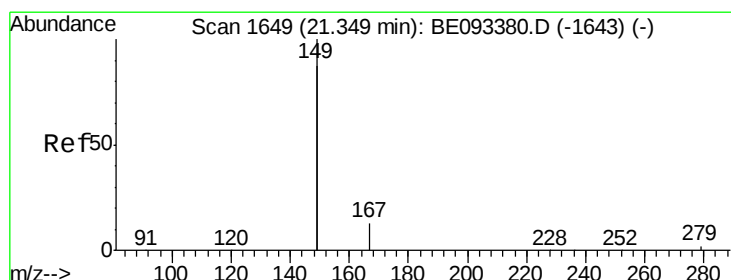
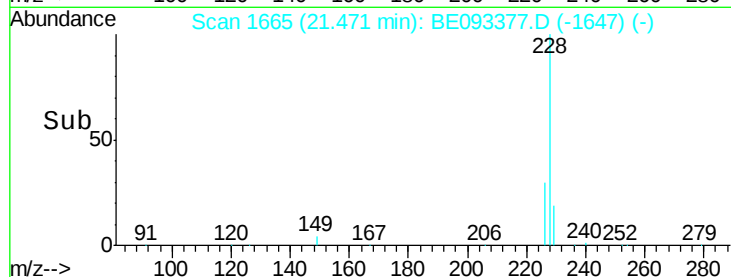
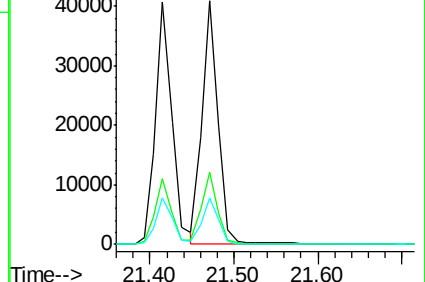
229 19.1 18.6 28.0



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: 0.387 ng

RT: 21.35 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

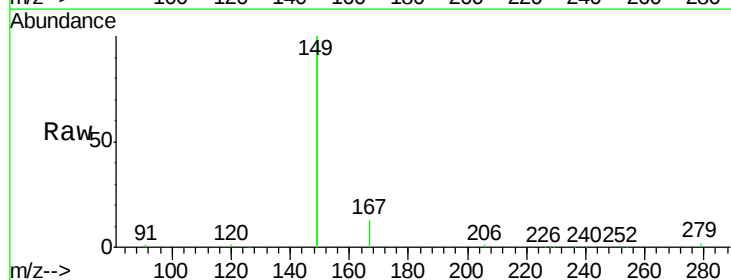
Tgt Ion:149 Resp: 86221

Ion Ratio Lower Upper

149 100

167 6.7 20.1 30.1#

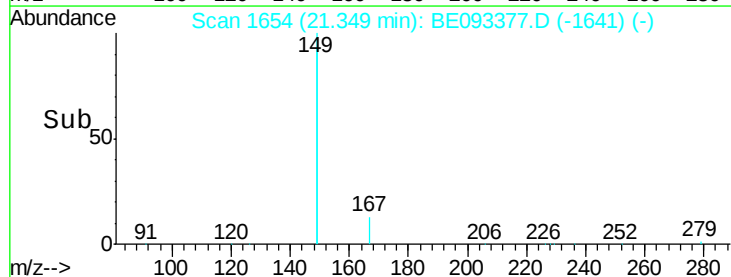
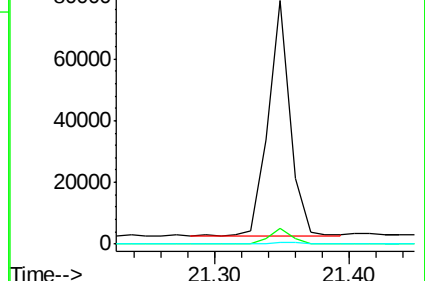
279 1.1 2.2 3.4#

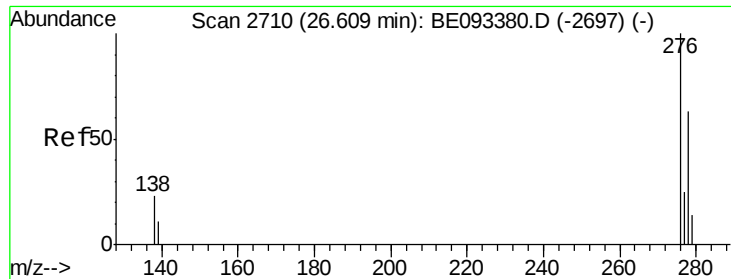


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.362 ng

RT: 26.60 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

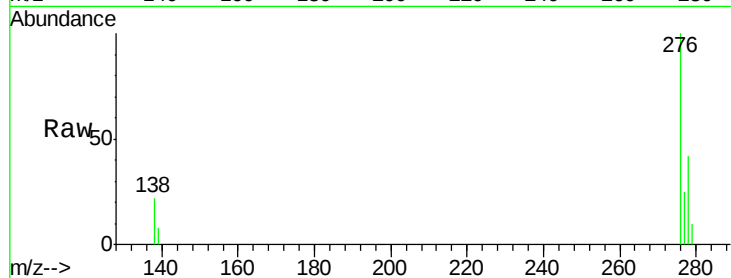
Tgt Ion:276 Resp: 55701

Ion Ratio Lower Upper

276 100

138 24.9 27.4 41.2#

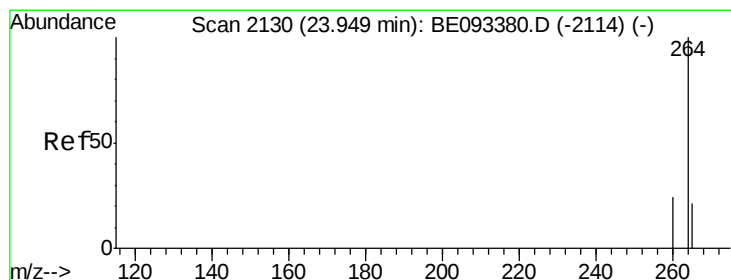
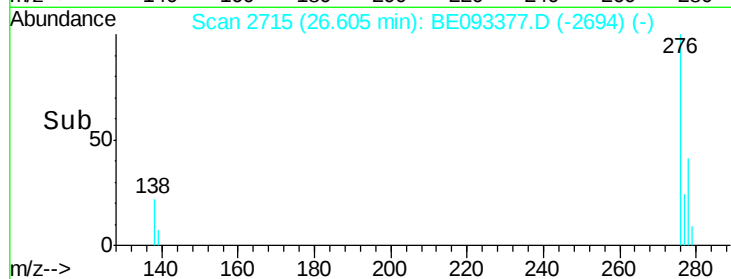
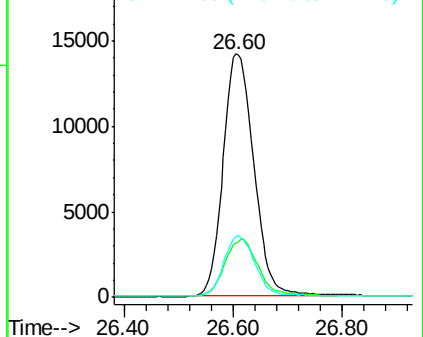
277 24.8 20.1 30.1



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: 23.95 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

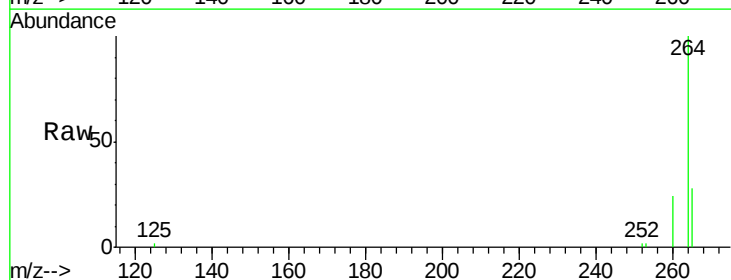
Tgt Ion:264 Resp: 50188

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

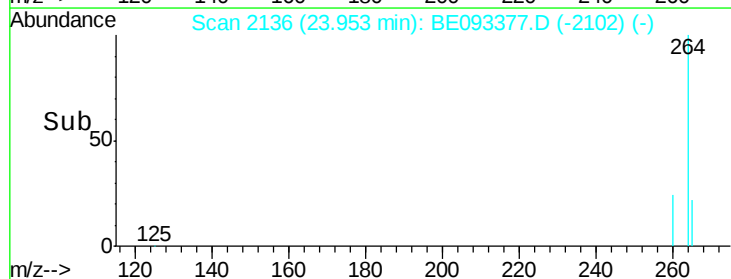
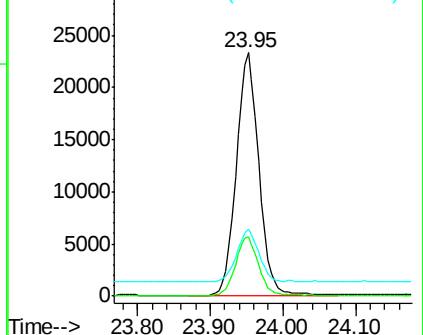
265 27.7 24.6 36.8

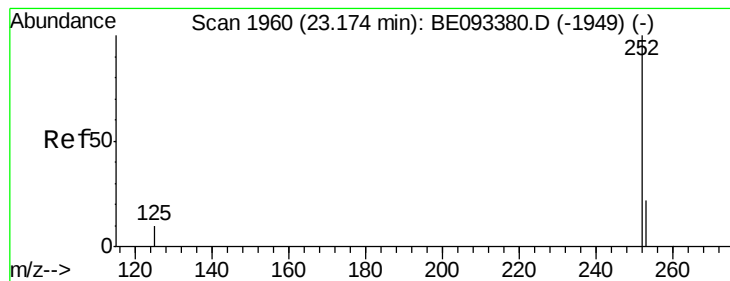


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.334 ng

RT: 23.18 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

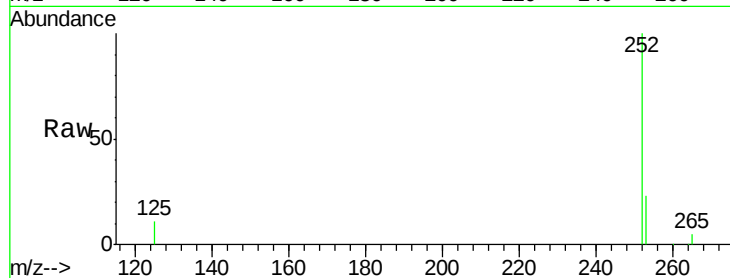
Tgt Ion:252 Resp: 52668

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

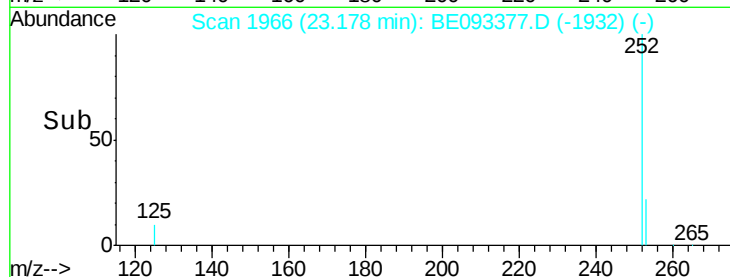
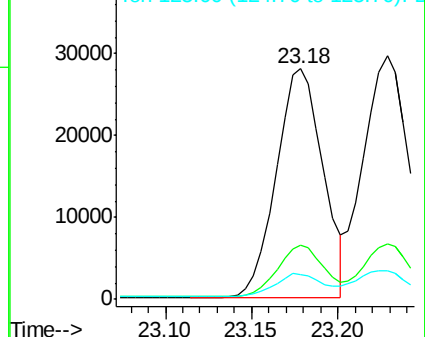
125 10.9 13.4 20.0#



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: 0.354 ng

RT: 23.23 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

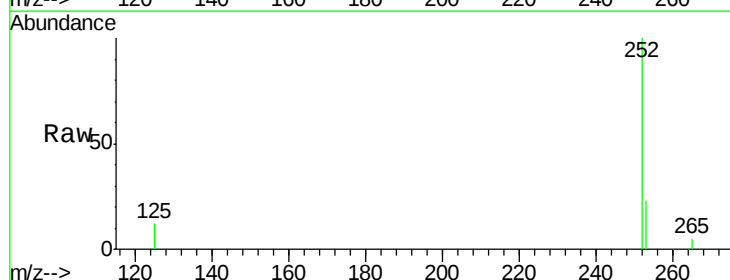
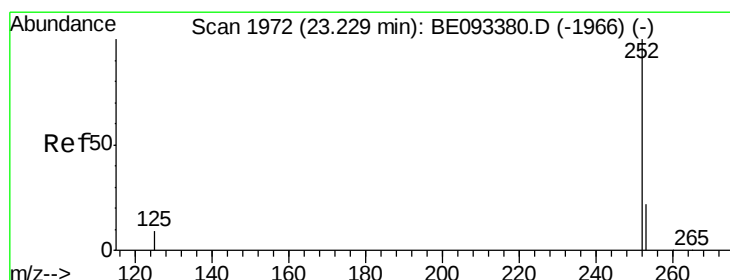
Tgt Ion:252 Resp: 56017

Ion Ratio Lower Upper

252 100

253 22.9 20.3 30.5

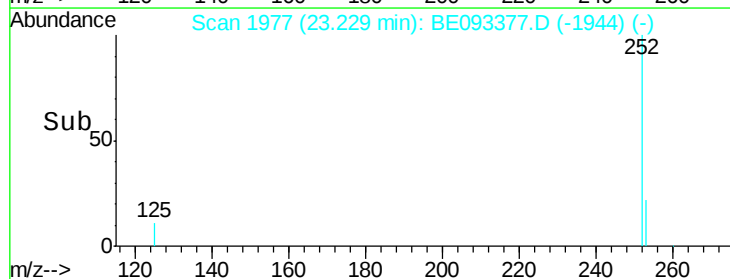
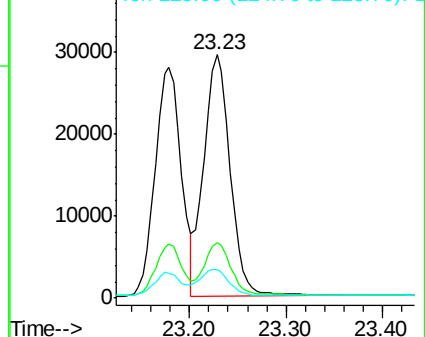
125 11.9 12.2 18.4#

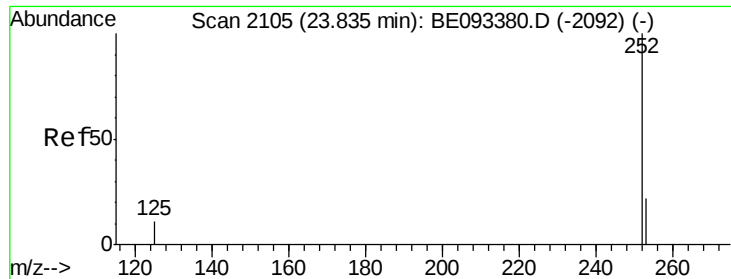


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.84 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

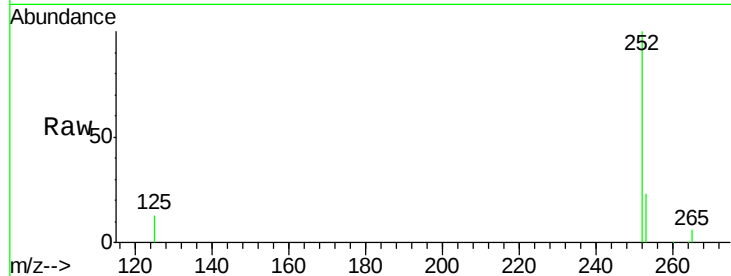
Tgt Ion:252 Resp: 47757

Ion Ratio Lower Upper

252 100

253 23.3 19.9 29.9

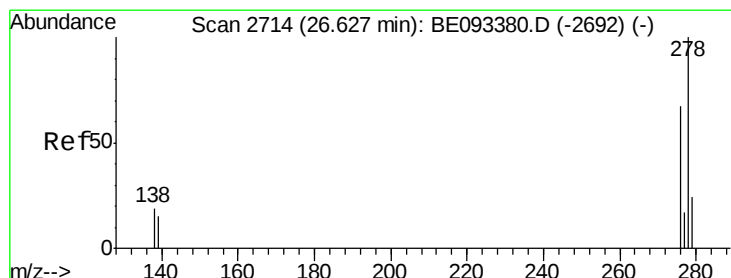
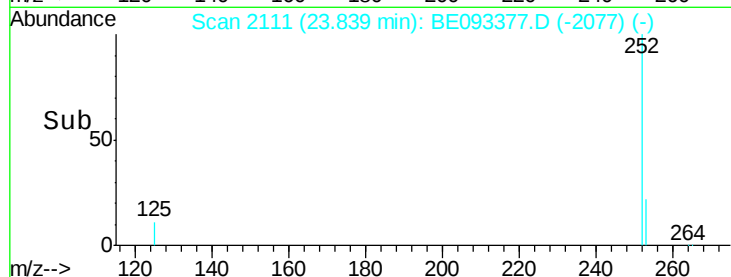
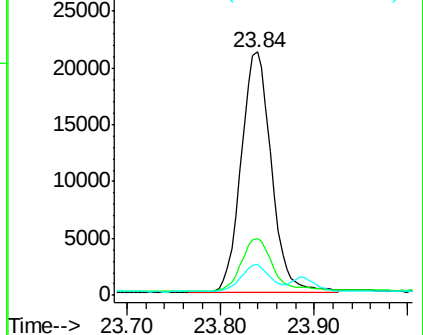
125 12.7 14.6 21.8#



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: 0.342 ng

RT: 26.64 min Scan# 2722

Delta R.T. 0.01 min

Lab File: BE093377.D

Acq: 30 Jun 2017 14:36

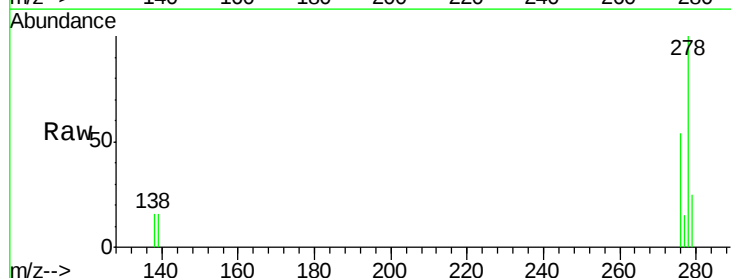
Tgt Ion:278 Resp: 48821

Ion Ratio Lower Upper

278 100

139 16.0 21.4 32.0#

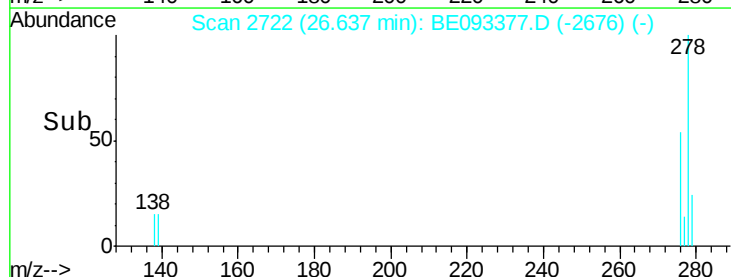
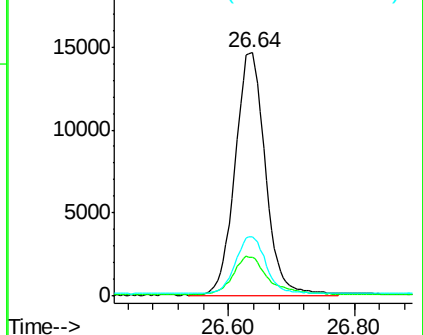
279 24.5 22.2 33.2

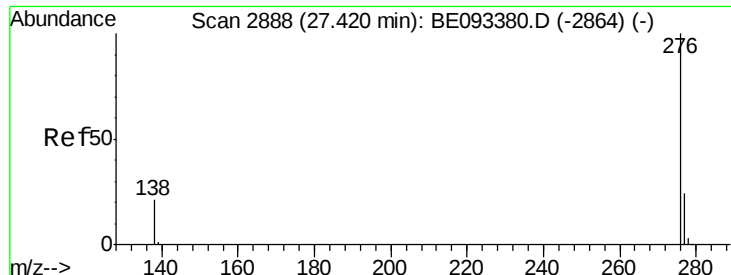


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.342 ng

RT: 27.42 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BE093377.D

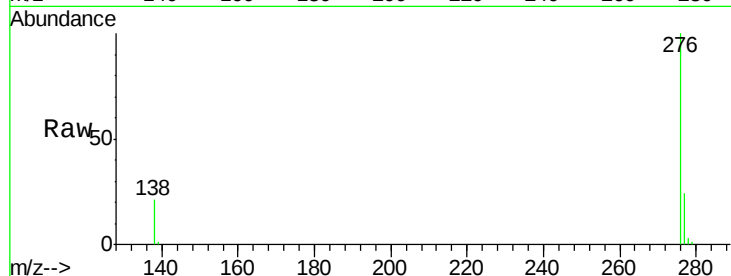
Acq: 30 Jun 2017 14:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



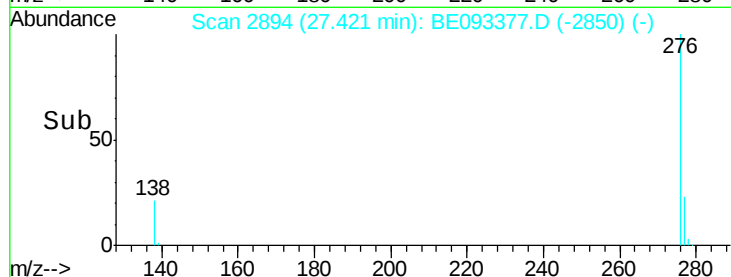
Tgt Ion: 276 Resp: 49737

Ion Ratio Lower Upper

276 100

277 23.7 21.2 31.8

138 21.4 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

