

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090517\
 Data File : BE093929.D
 Acq On : 5 Sep 2017 10:08
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 05 12:11:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 12:08:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1810	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9611	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	5478	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	10952	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13722	0.40	ng	0.00
34) Perylene-d12	23.94	264	11205	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1175	0.21	ng	0.00
5) Phenol-d6	7.13	99	1774	0.21	ng	0.01
8) Nitrobenzene-d5	9.08	82	1653	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2968	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	377	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4321	0.20	ng	0.00
25) Fluoranthene-d10	19.29	212	29907	0.24	ng	0.00
29) Terphenyl-d14	19.87	244	5014	0.20	ng	0.00

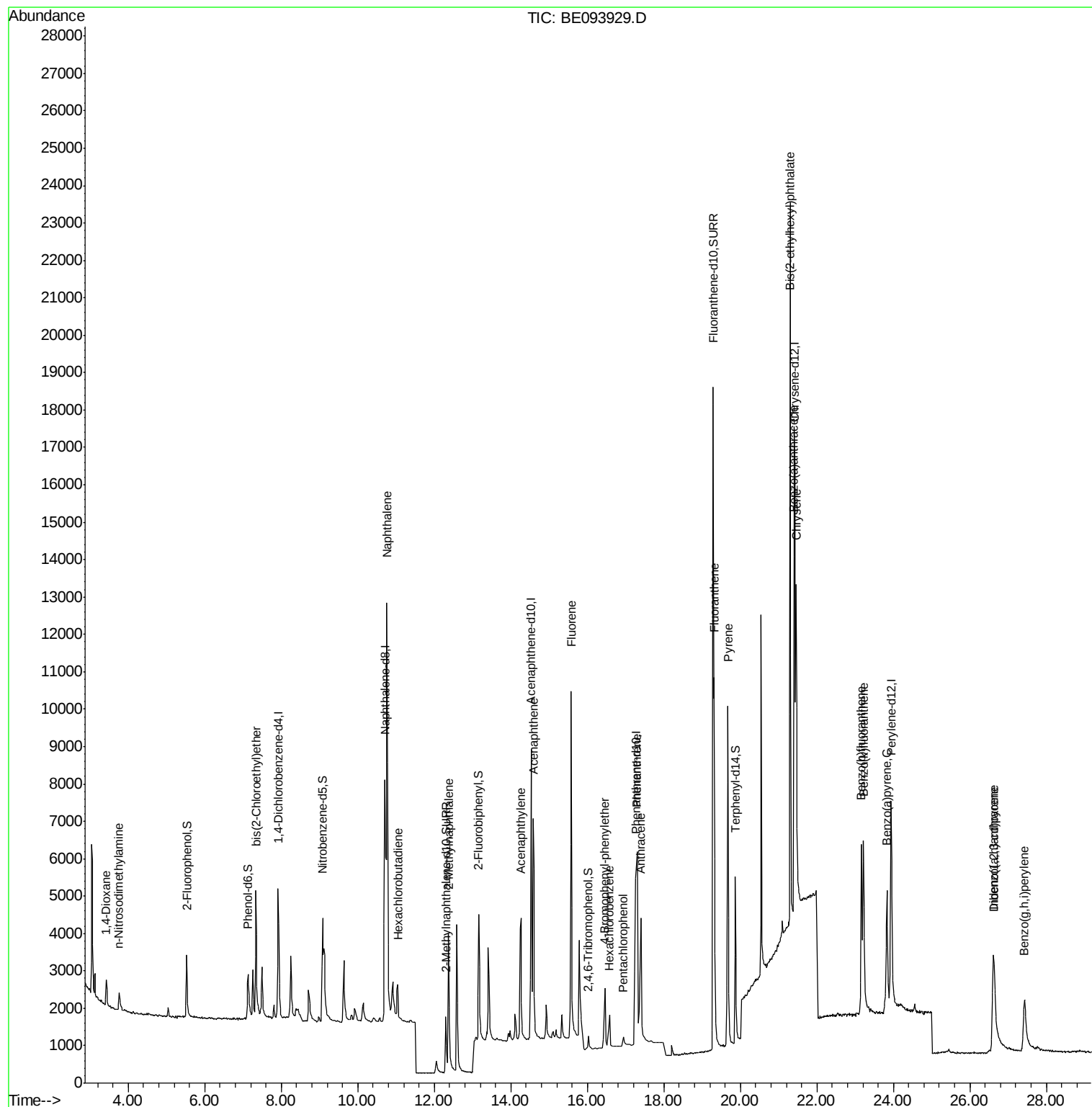
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	625	0.251	ng	87
3) n-Nitrosodimethylamine	3.75	42	560	0.202	ng	# 94
6) bis(2-Chloroethyl)ether	7.34	93	1481	0.226	ng	84
9) Naphthalene	10.76	128	22703	0.207	ng	99
10) Hexachlorobutadiene	11.04	225	826	0.214	ng	99
12) 2-Methylnaphthalene	12.38	142	3727	0.204	ng	98
16) Acenaphthylene	14.26	152	5353	0.197	ng	99
17) Acenaphthene	14.58	154	3782	0.207	ng	100
18) Fluorene	15.58	166	4902	0.207	ng	100
20) 4-Bromophenyl-phenylether	16.45	248	1449	0.320	ng	# 78
21) Hexachlorobenzene	16.58	284	1445	0.366	ng	# 100
22) Pentachlorophenol	16.94	266	409	0.238	ng	95
23) Phenanthrene	17.30	178	8785	0.316	ng	# 100
24) Anthracene	17.40	178	5779	0.174	ng	# 90
26) Fluoranthene	19.31	202	9258	0.243	ng	100
28) Pyrene	19.67	202	9849	0.213	ng	99
30) Benzo(a)anthracene	21.40	228	8735	0.214	ng	96
31) Chrysene	21.46	228	9360	0.207	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	23227	0.270	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	6083	0.197	ng	# 79
35) Benzo(b)fluoranthene	23.17	252	7234	0.202	ng	# 88
36) Benzo(k)fluoranthene	23.21	252	9019	0.221	ng	# 86
37) Benzo(a)pyrene	23.83	252	7463	0.210	ng	# 83
38) Dibenzo(a,h)anthracene	26.63	278	4731	0.189	ng	# 76
39) Benzo(g,h,i)perylene	27.42	276	5197	0.190	ng	# 90

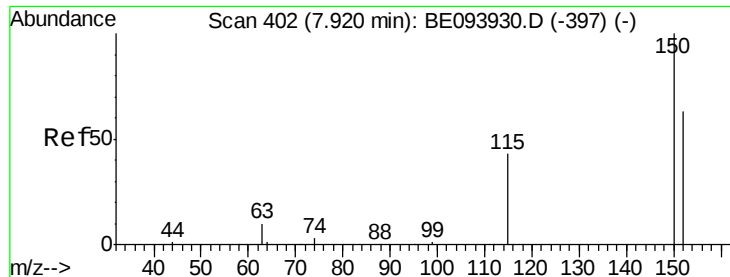
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

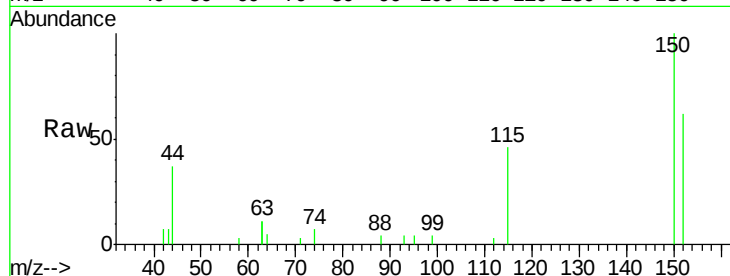
Tgt Ion: 152 Resp: 1810

Ion Ratio Lower Upper

152 100

150 161.3 121.8 182.6

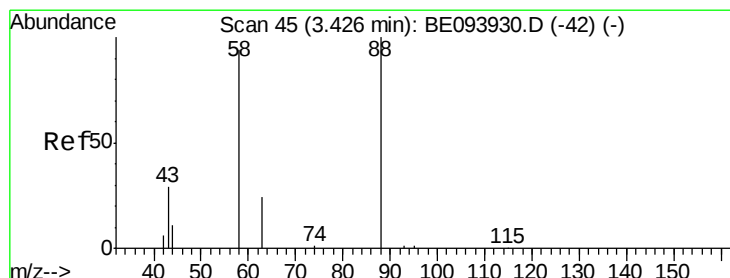
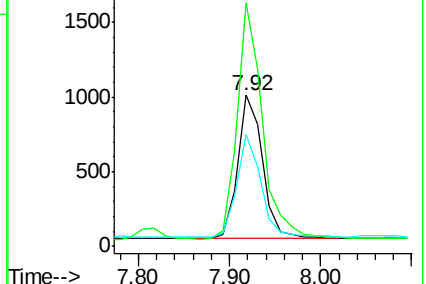
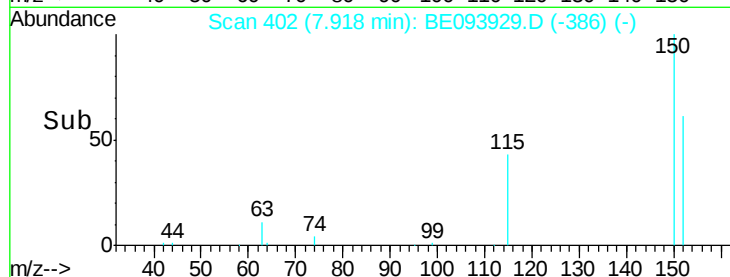
115 74.3 52.6 79.0



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: 0.251 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

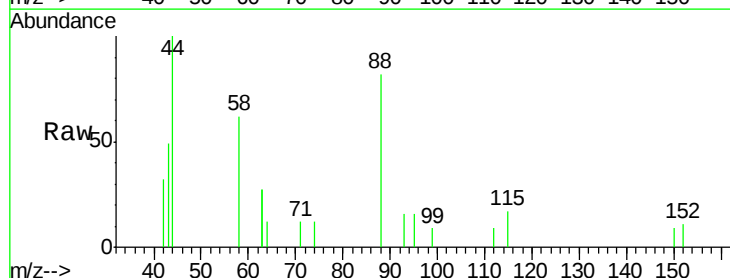
Tgt Ion: 88 Resp: 625

Ion Ratio Lower Upper

88 100

58 66.6 65.4 98.0

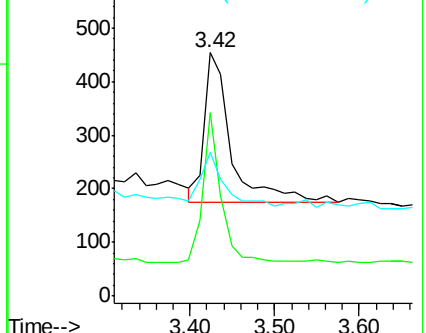
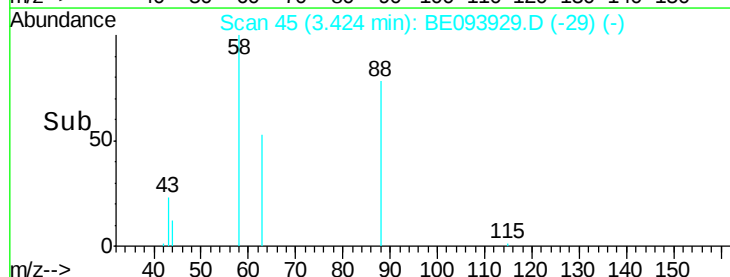
43 31.4 23.9 35.9

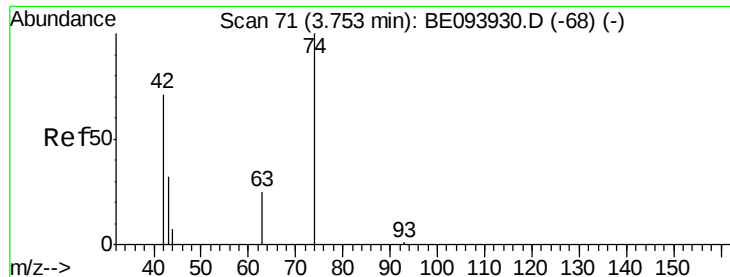


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.202 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

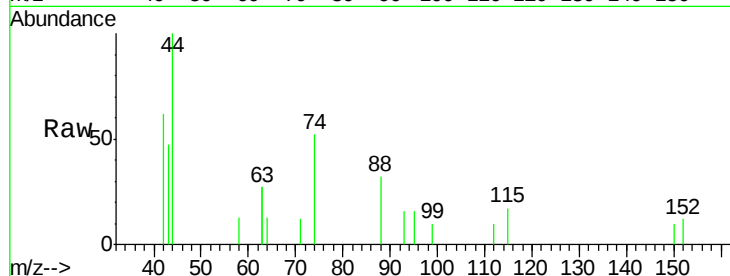
Tgt Ion: 42 Resp: 560

Ion Ratio Lower Upper

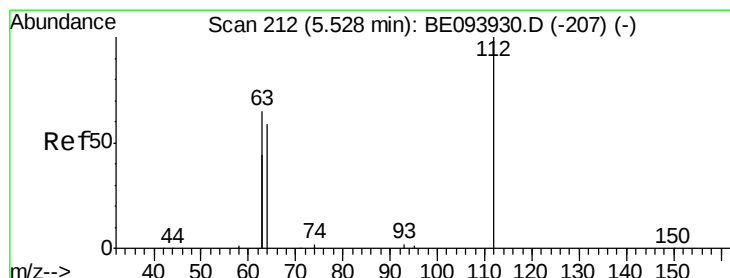
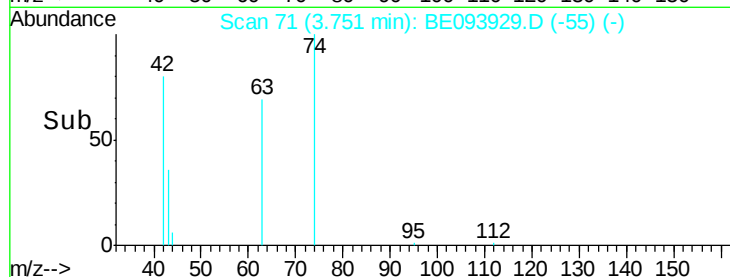
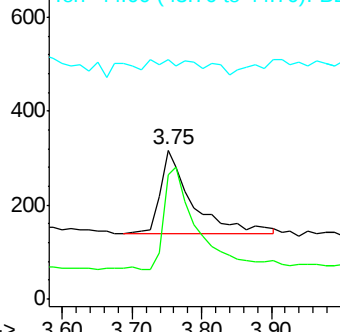
42 100

74 127.7 104.0 156.0

44 0.0 13.8 20.8#



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: 0.211 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

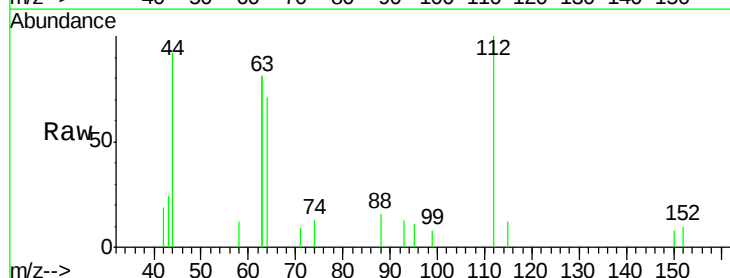
Tgt Ion: 112 Resp: 1175

Ion Ratio Lower Upper

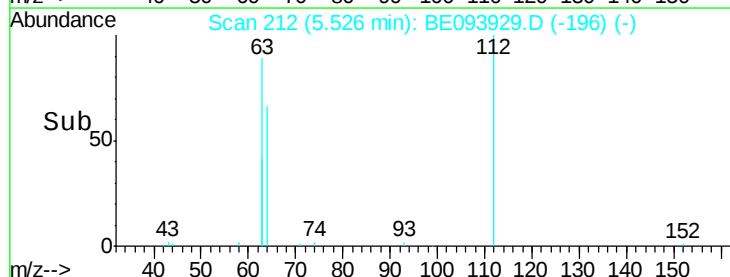
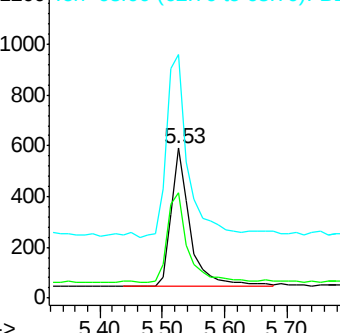
112 100

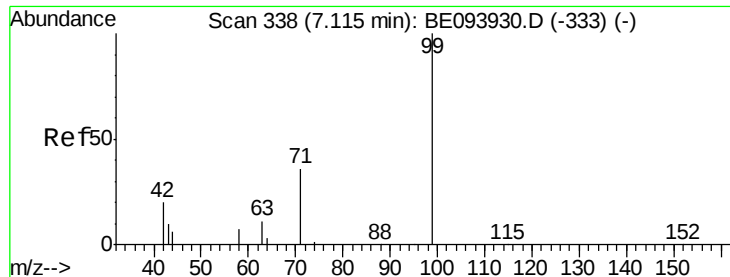
64 69.3 57.7 86.5

63 149.1 116.0 174.0



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: 0.208 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

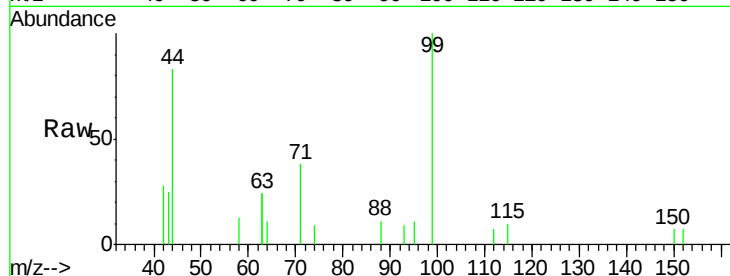
Tgt Ion: 99 Resp: 1774

Ion Ratio Lower Upper

99 100

42 22.3 17.1 25.7

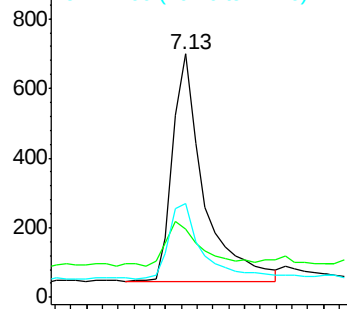
71 36.2 26.6 39.8



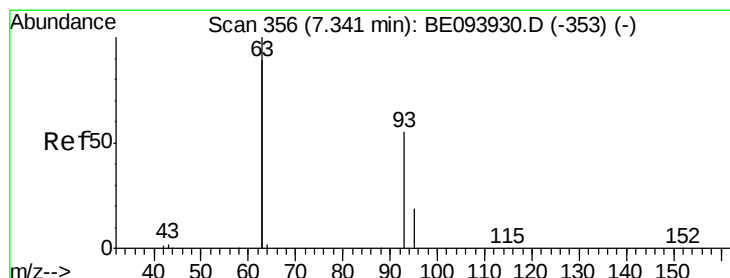
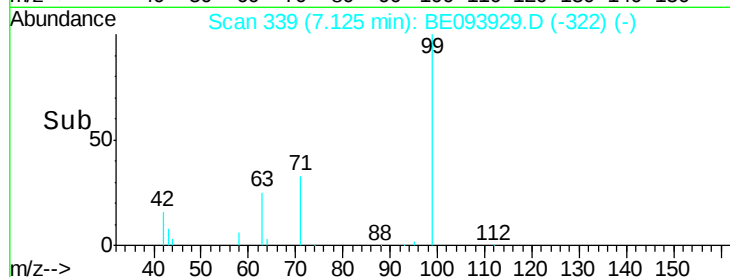
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.226 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

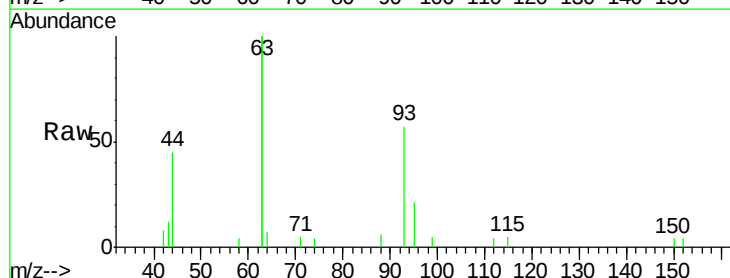
Tgt Ion: 93 Resp: 1481

Ion Ratio Lower Upper

93 100

63 317.2 283.4 425.2

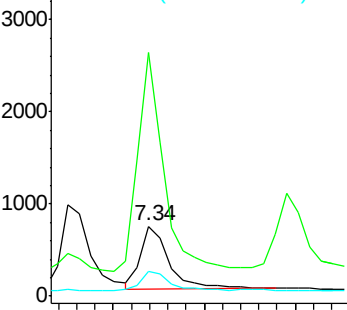
95 32.0 26.9 40.3



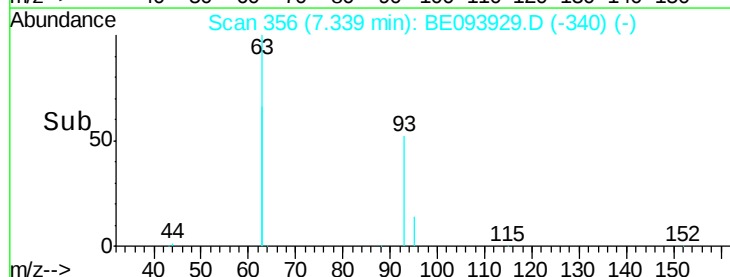
Abundance Ion 93.00 (92.70 to 93.70): BE0

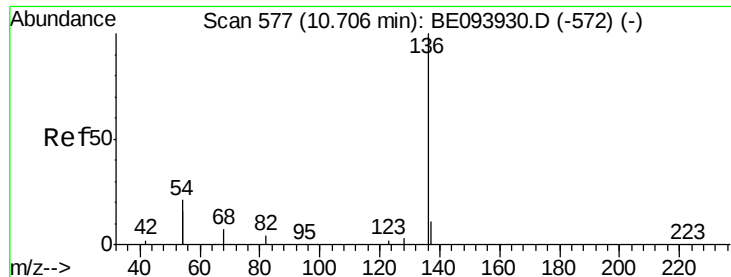
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 9611

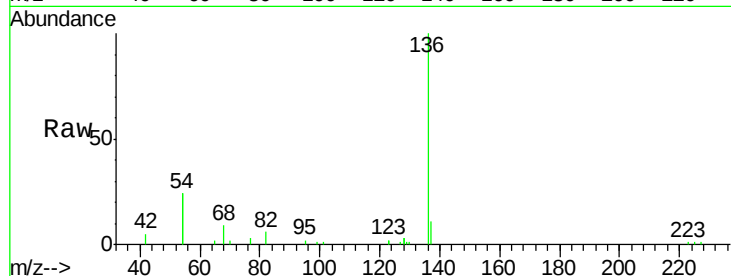
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 47.4 21.9 32.9#

68 9.3 4.6 7.0#



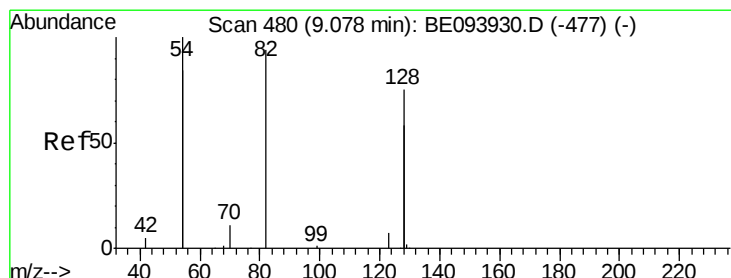
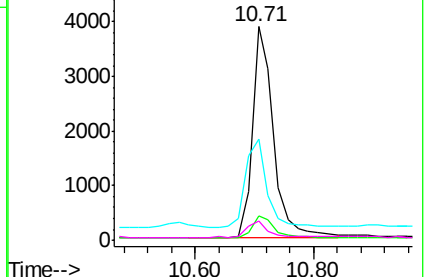
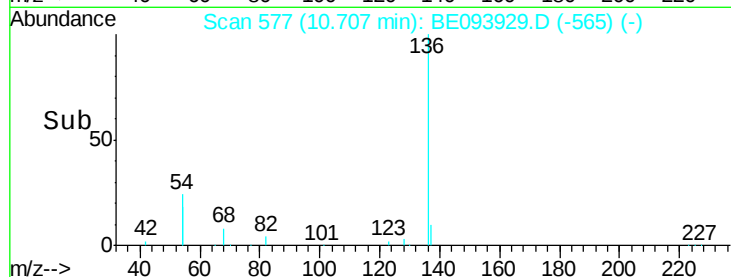
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.207 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

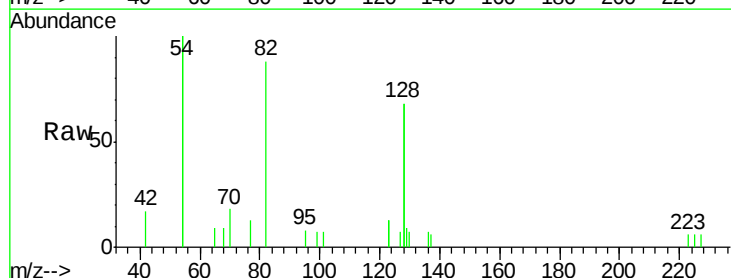
Tgt Ion: 82 Resp: 1653

Ion Ratio Lower Upper

82 100

128 153.2 91.4 137.0#

54 226.9 197.8 296.8

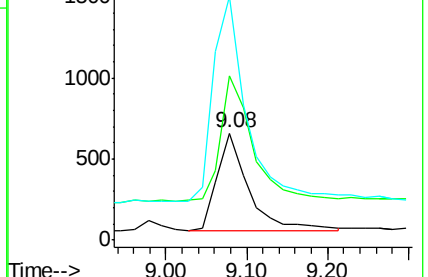
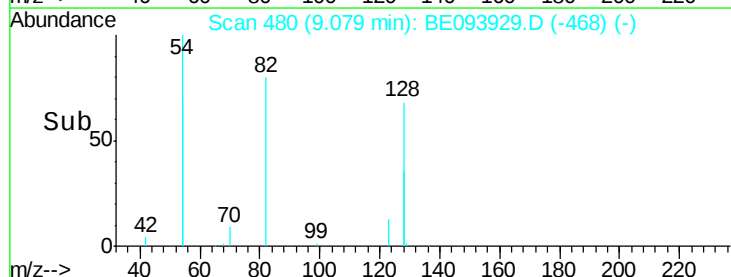


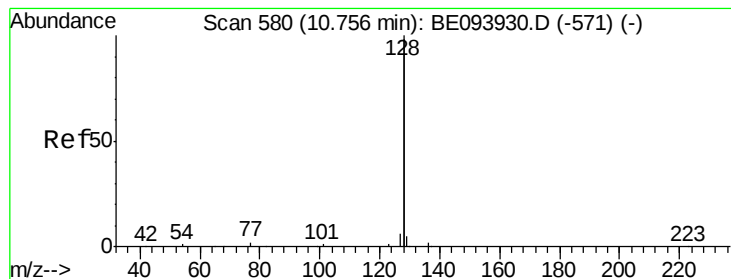
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.207 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

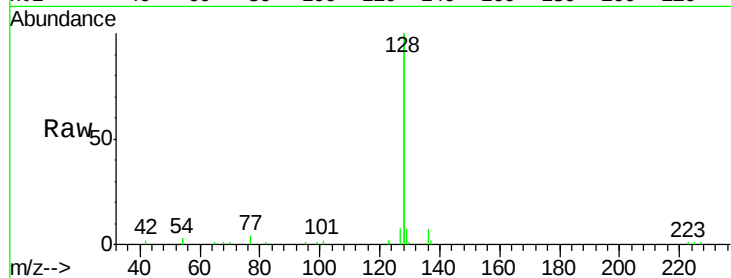
Tgt Ion:128 Resp: 22703

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

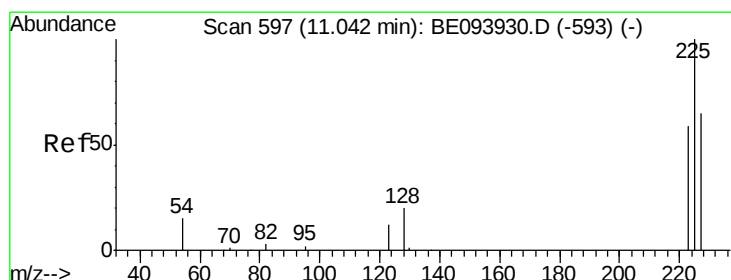
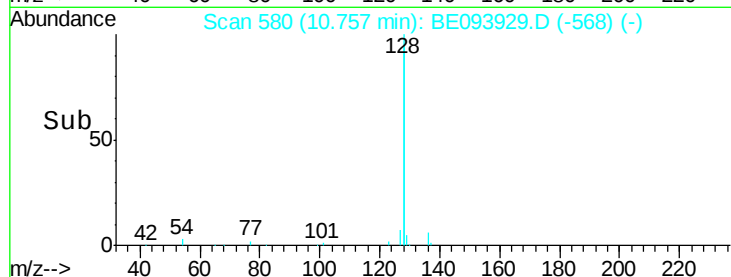
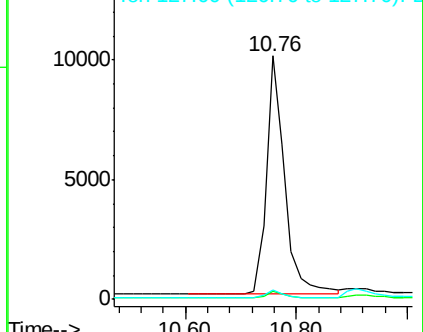
127 3.8 2.6 4.0



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: 0.214 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

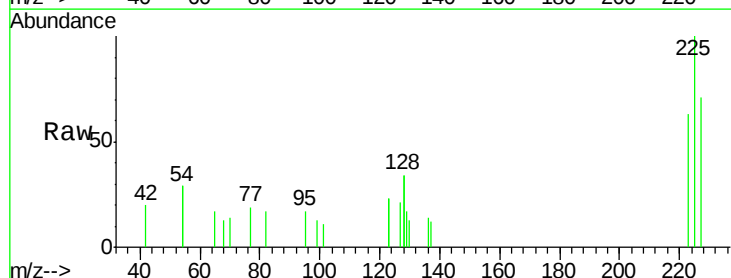
Tgt Ion:225 Resp: 826

Ion Ratio Lower Upper

225 100

223 63.4 49.4 74.0

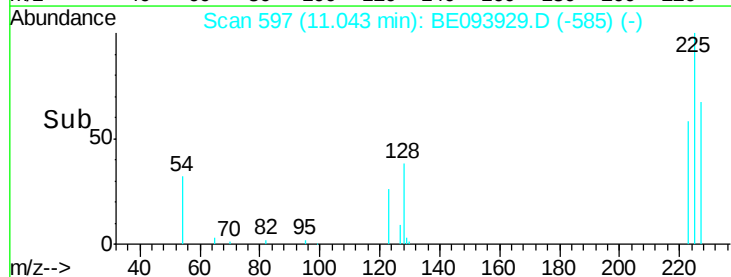
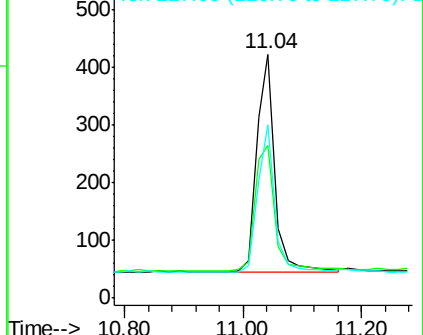
227 63.0 50.5 75.7

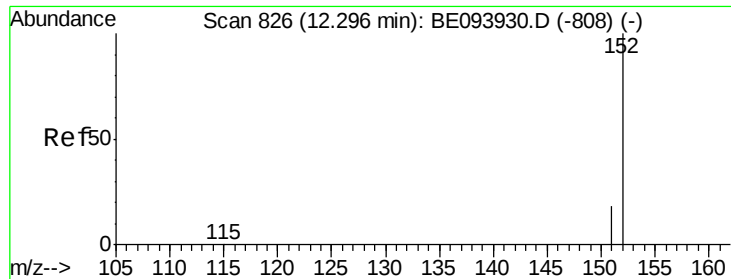


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

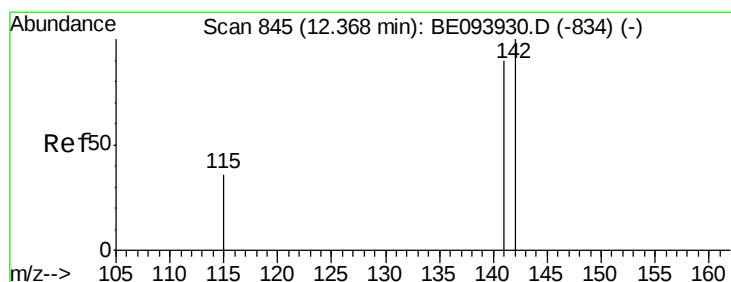
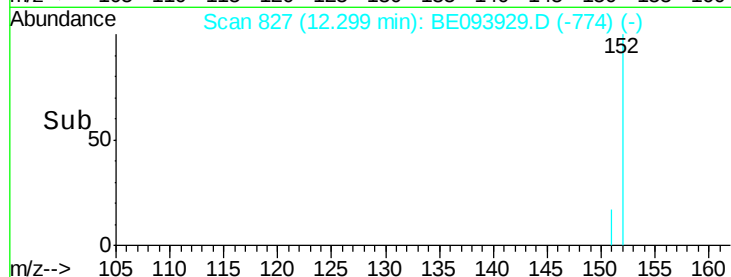
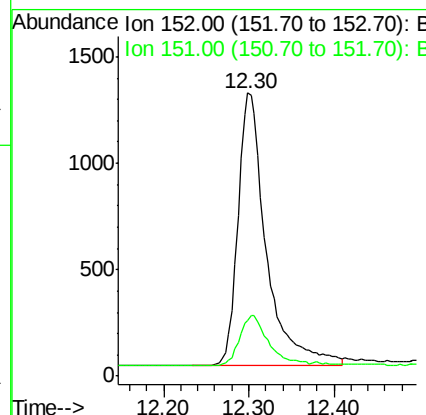
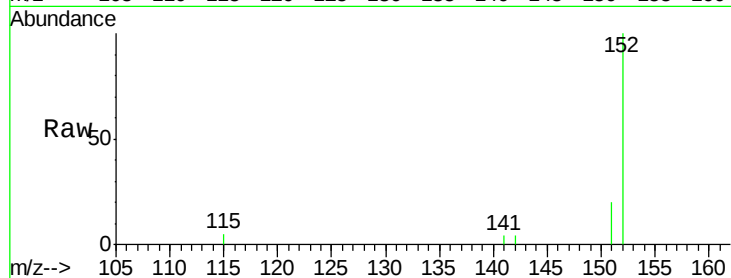




#11
 2-Methylnaphthalene-d10
 Concen: 0.195 ng
 RT: 12.30 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BE093929.D
 Acq: 5 Sep 2017 10:08

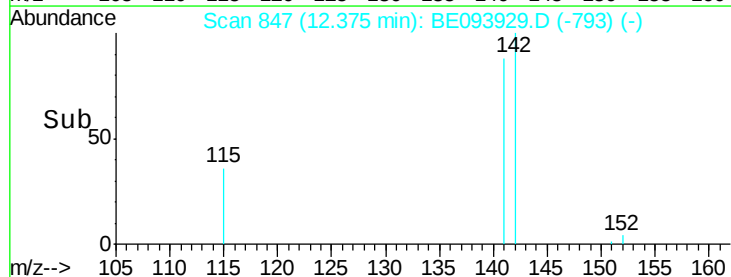
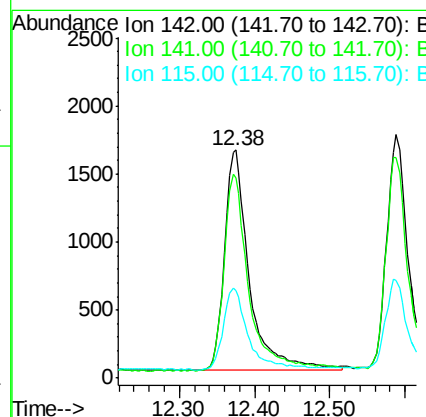
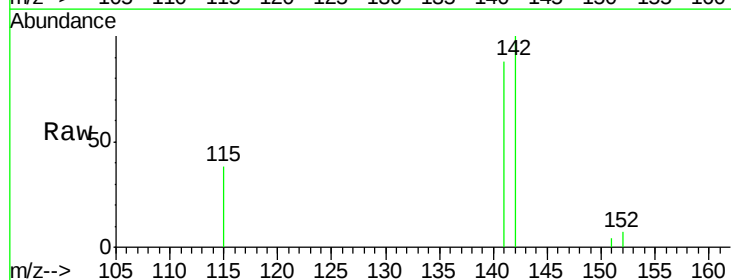
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

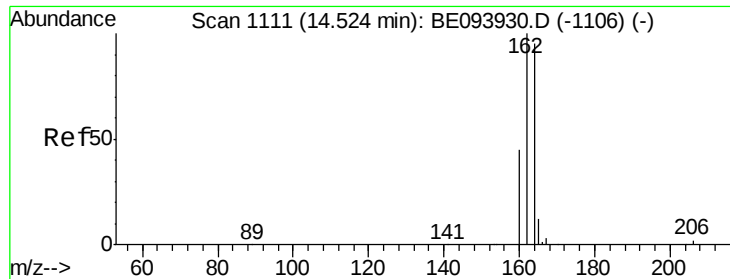
Tgt Ion:152 Resp: 2968
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.204 ng
 RT: 12.38 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BE093929.D
 Acq: 5 Sep 2017 10:08

Tgt Ion:142 Resp: 3727
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.4 107.2
 115 38.4 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

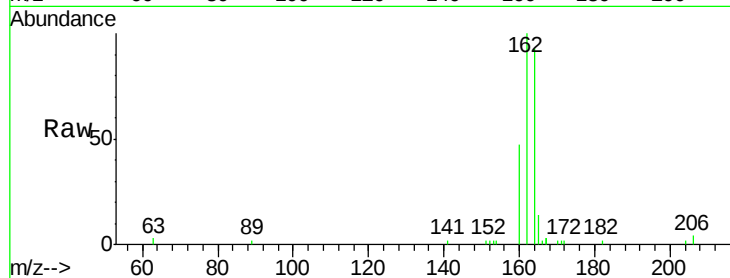
Tgt Ion:164 Resp: 5478

Ion Ratio Lower Upper

164 100

162 107.2 80.8 121.2

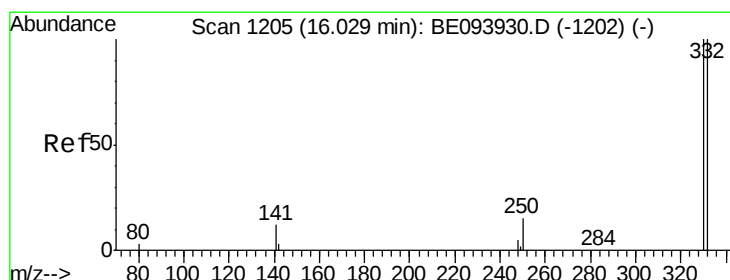
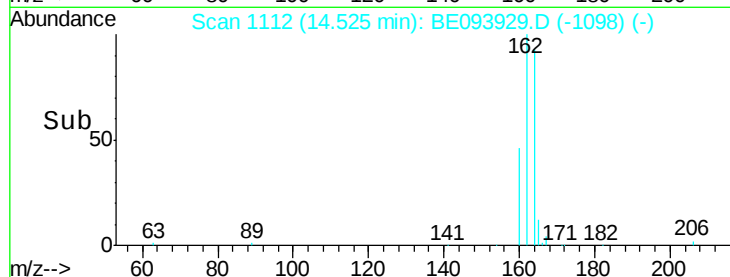
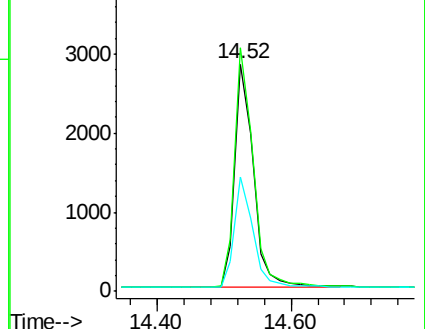
160 50.6 37.0 55.4



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: 0.257 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

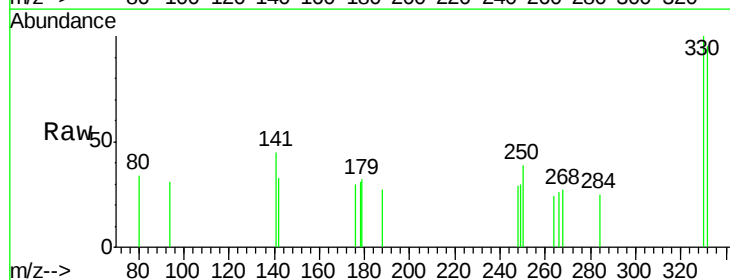
Tgt Ion:330 Resp: 377

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

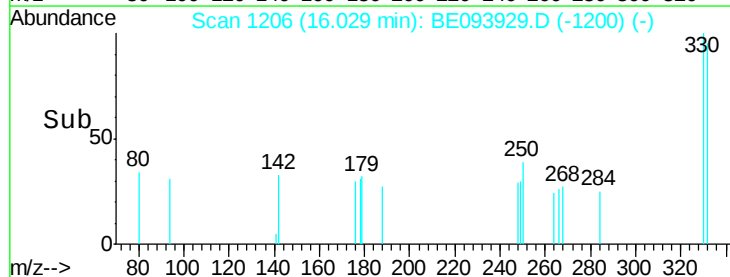
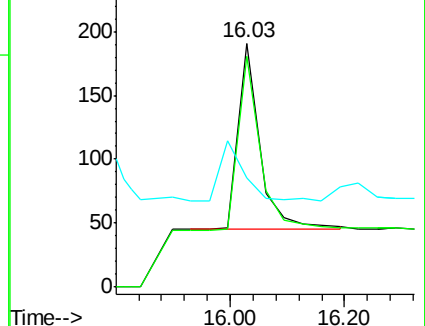
141 0.0 0.0 0.0

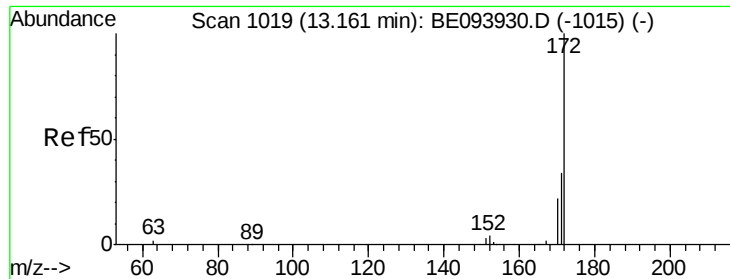


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

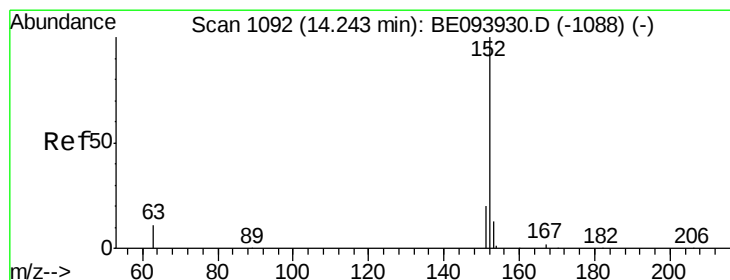
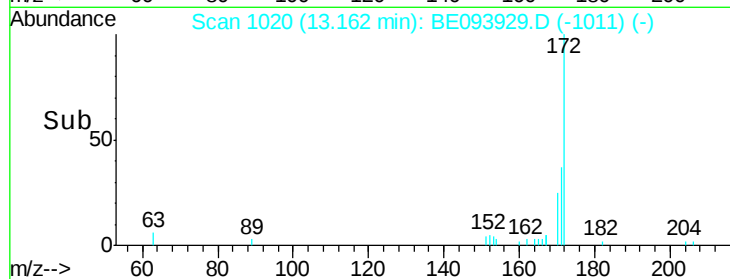
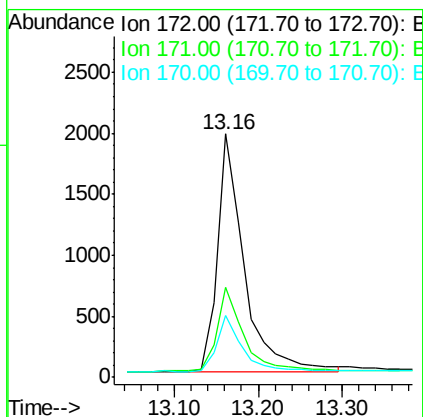
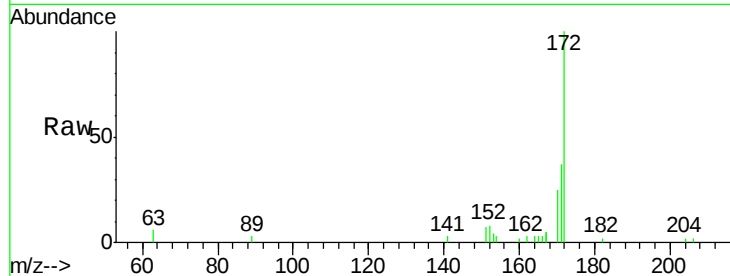




#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

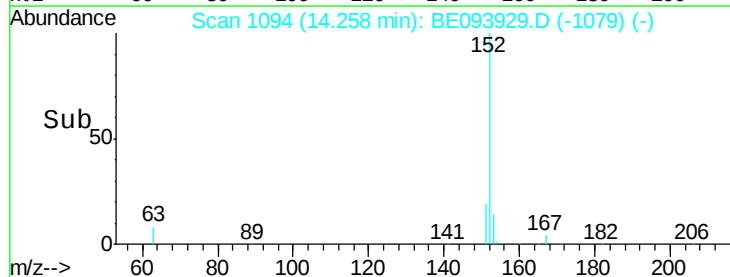
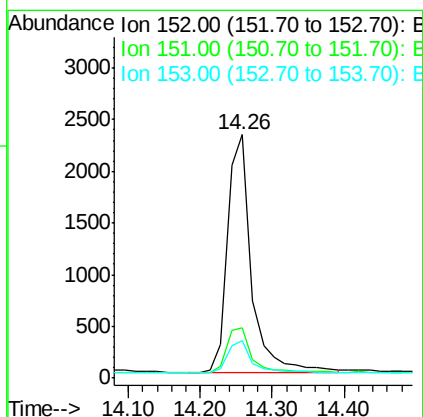
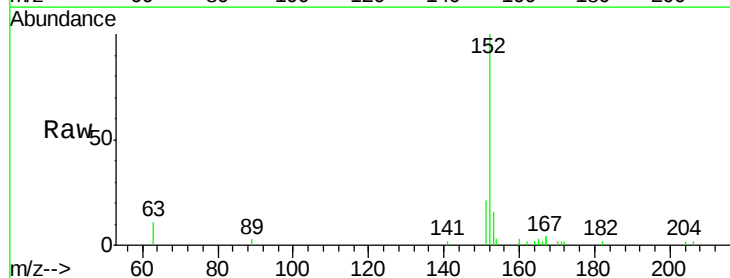
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

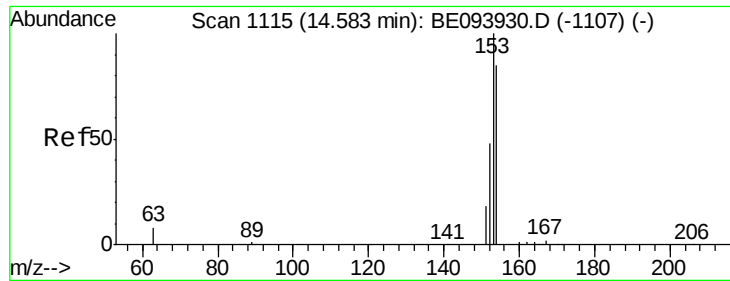
Tgt Ion:172 Resp: 4321
Ion Ratio Lower Upper
172 100
171 37.0 26.9 40.3
170 25.4 17.3 25.9



#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:152 Resp: 5353
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.5 10.6 16.0





#17

Acenaphthene

Concen: 0.207 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

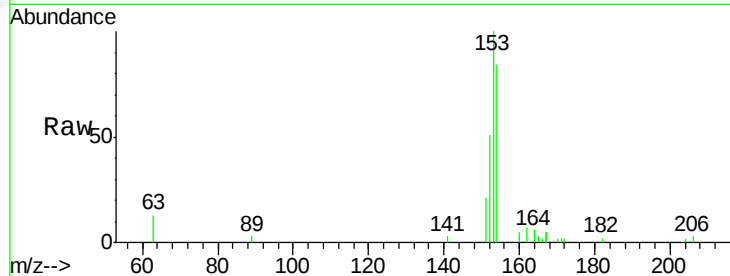
Tgt Ion:154 Resp: 3782

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

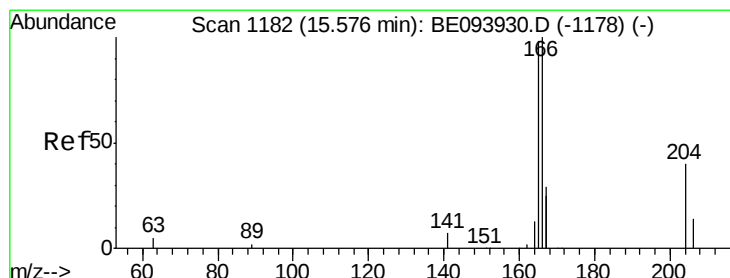
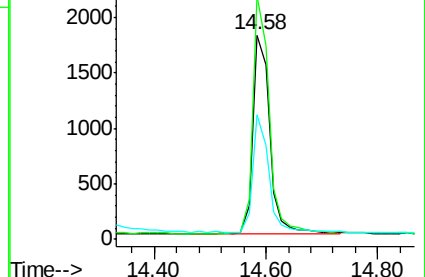
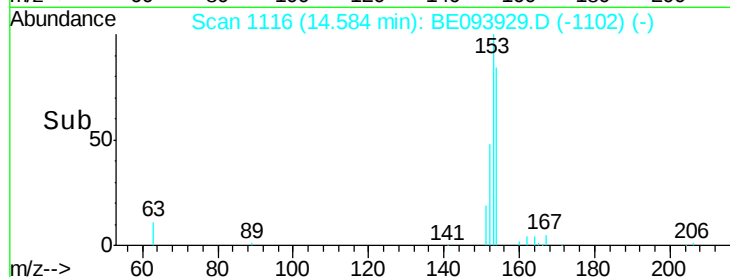
152 55.9 44.9 67.3



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: 0.207 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

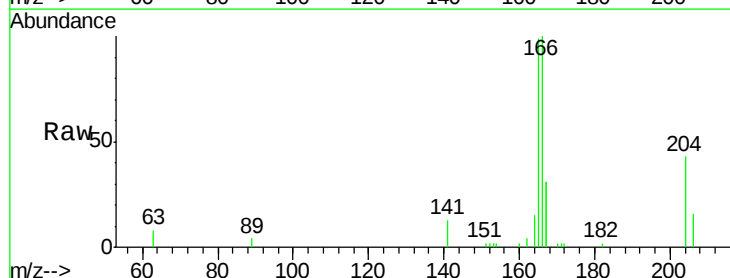
Tgt Ion:166 Resp: 4902

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

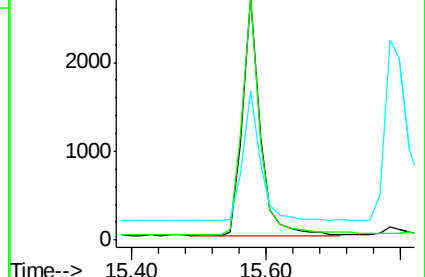
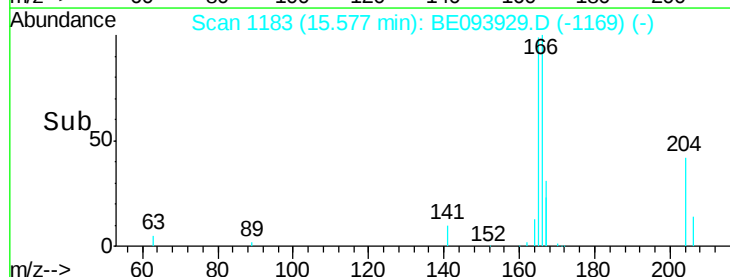
167 54.3 43.5 65.3

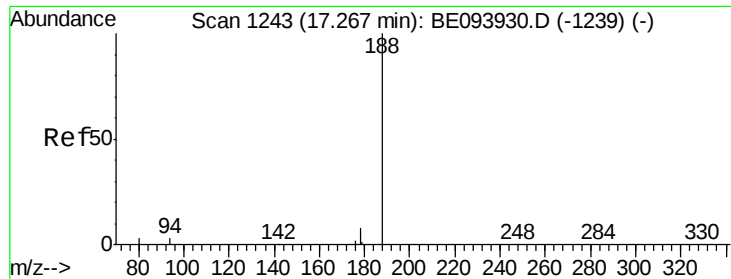


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

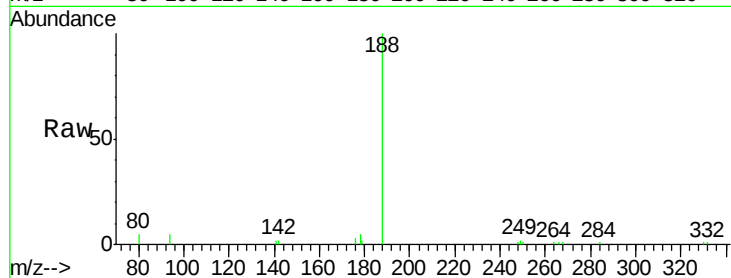
Tgt Ion:188 Resp: 10952

Ion Ratio Lower Upper

188 100

94 5.2 16.1 24.1#

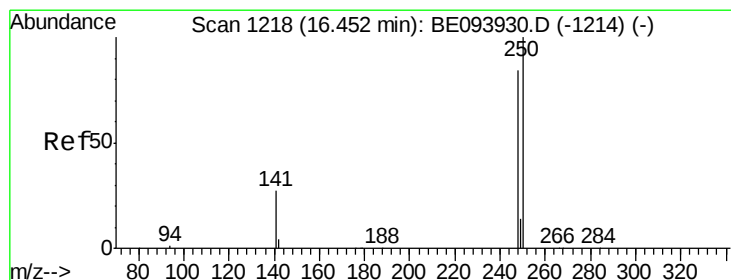
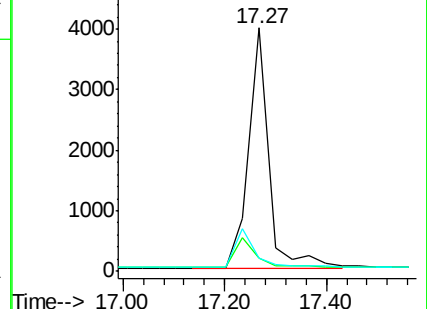
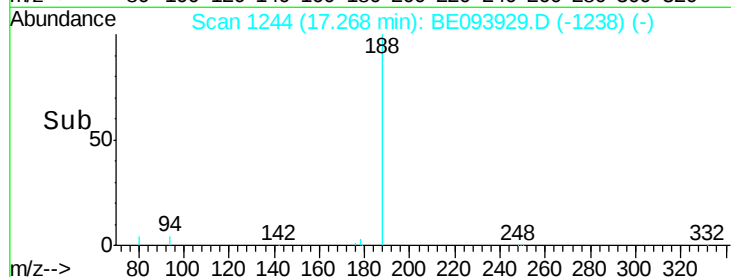
80 5.3 18.2 27.2#



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: 0.320 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

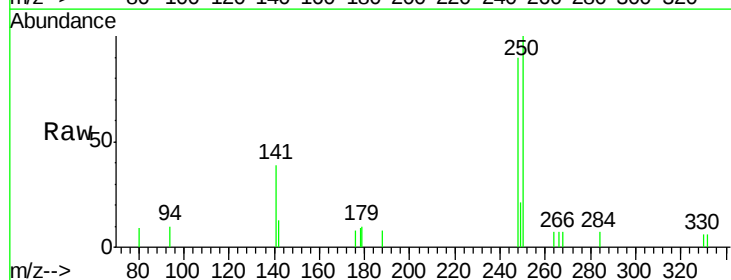
Tgt Ion:248 Resp: 1449

Ion Ratio Lower Upper

248 100

250 110.7 111.8 167.8#

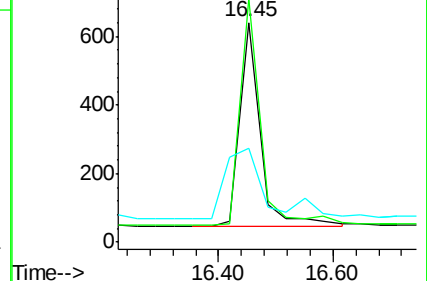
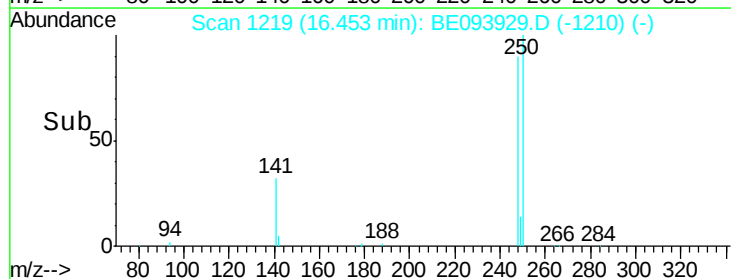
141 43.0 27.1 40.7#

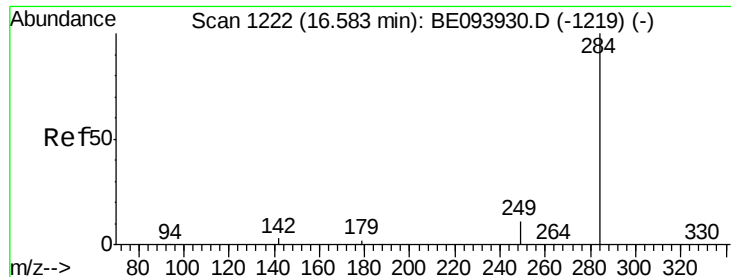


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.366 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

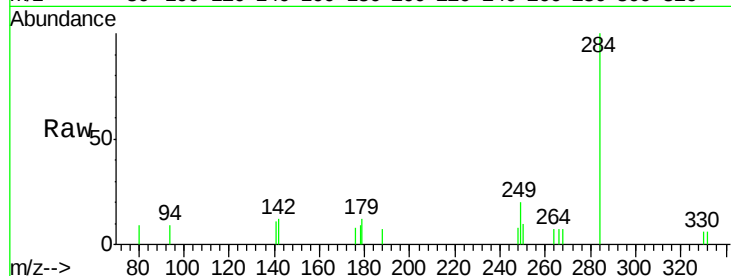
Tgt Ion:284 Resp: 1445

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

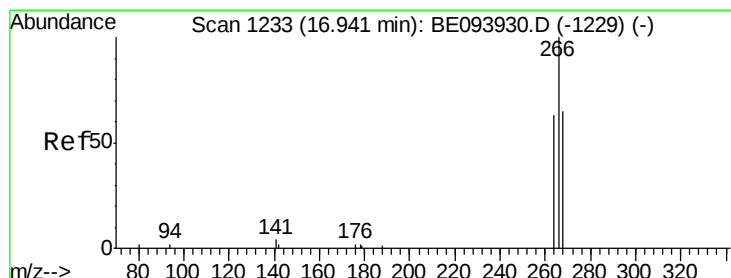
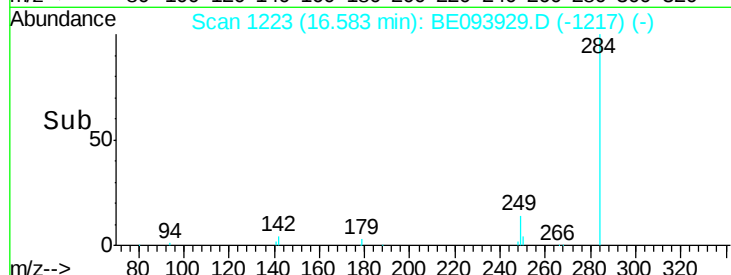
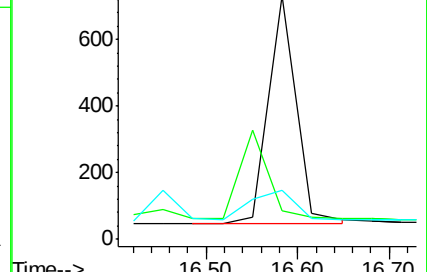
249 21.0 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.238 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

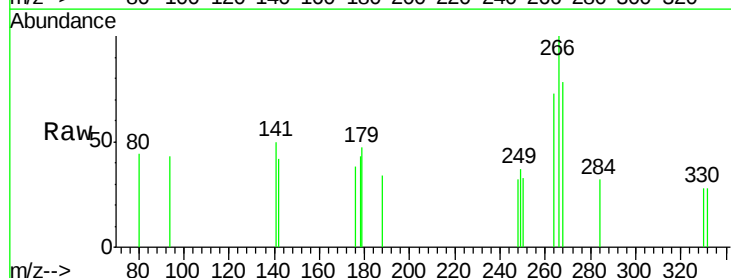
Tgt Ion:266 Resp: 409

Ion Ratio Lower Upper

266 100

264 72.8 53.5 80.3

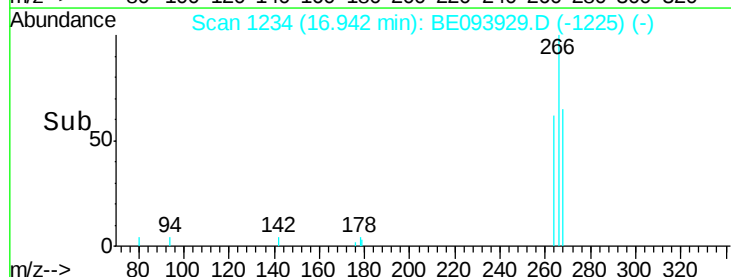
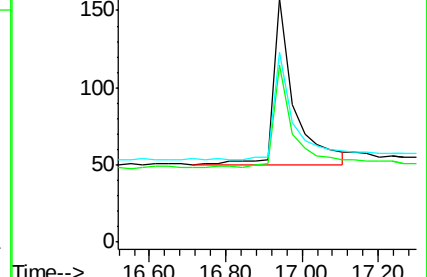
268 77.8 60.0 90.0

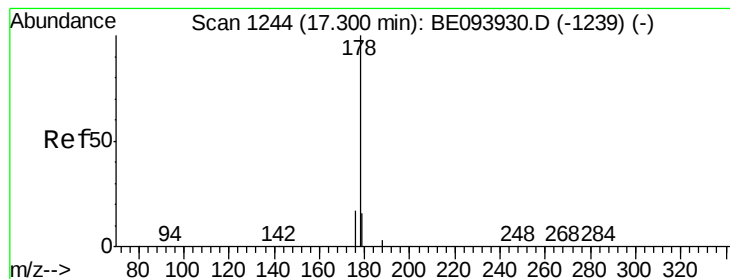


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.316 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

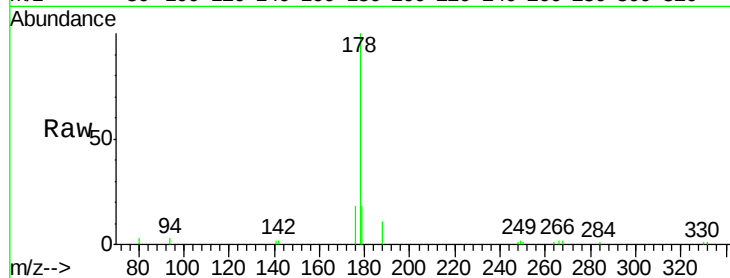
Tgt Ion:178 Resp: 8785

Ion Ratio Lower Upper

178 100

176 18.6 0.0 0.0#

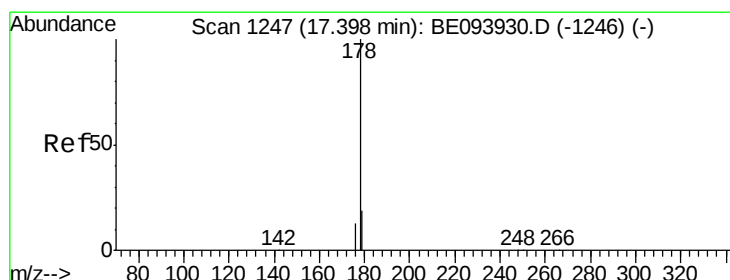
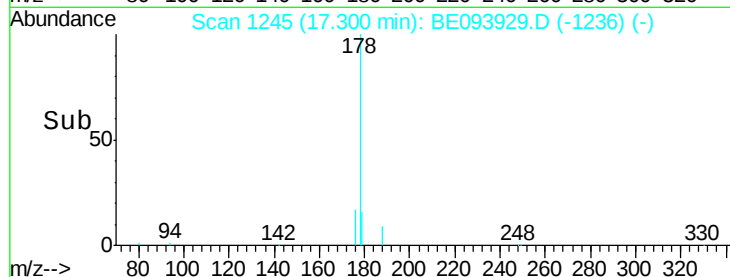
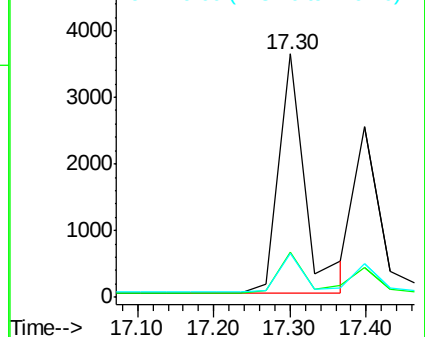
179 15.9 12.6 18.8



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: 0.174 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

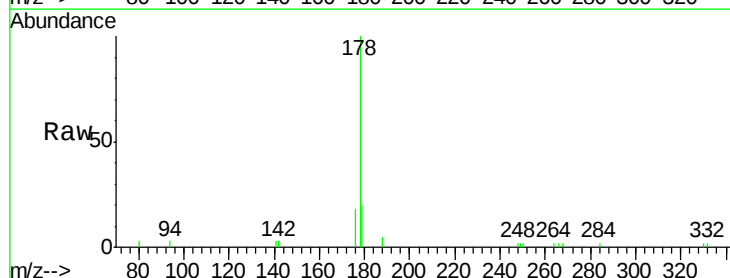
Tgt Ion:178 Resp: 5779

Ion Ratio Lower Upper

178 100

176 15.5 16.0 24.0#

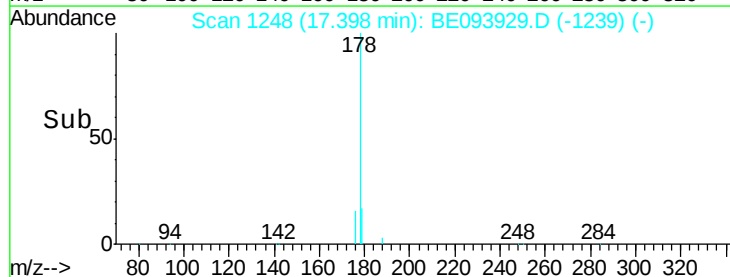
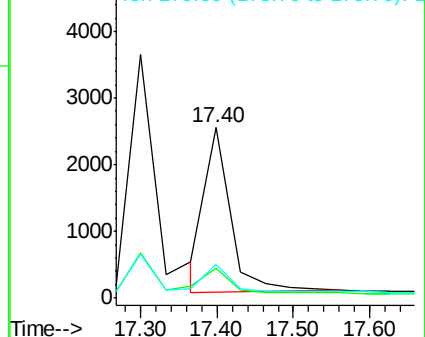
179 17.5 0.0 0.0#

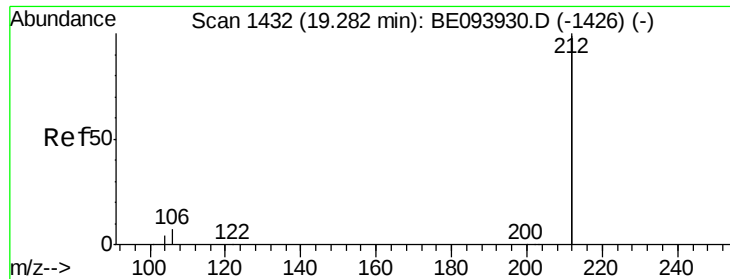


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.237 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

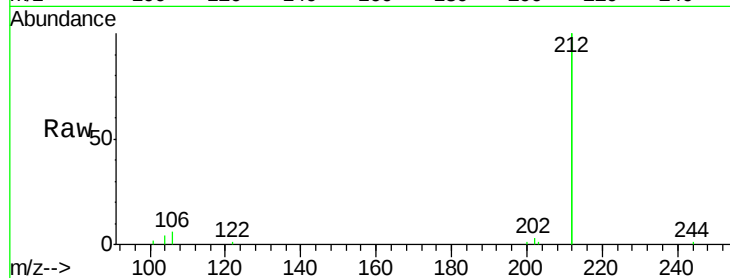
Instrument :

BNA_E

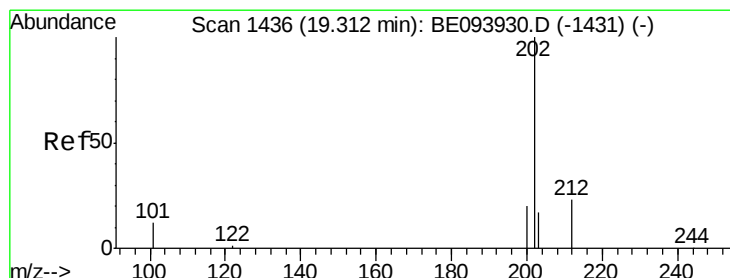
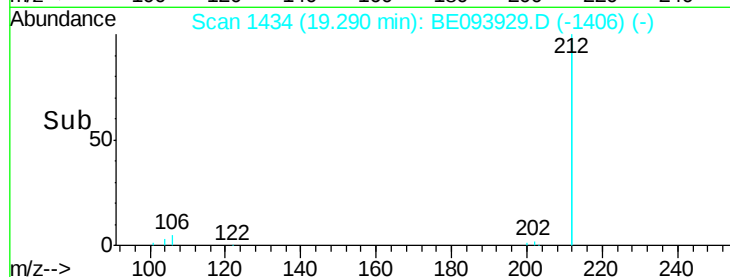
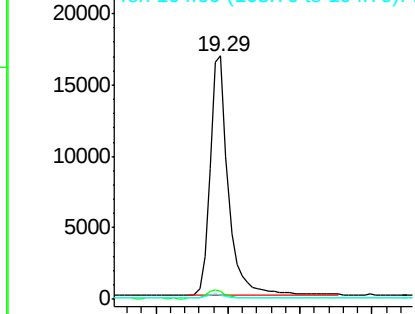
ClientSampleId :

SSTDIC0.2

Tgt Ion:	212	Resp:	29907
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.243 ng

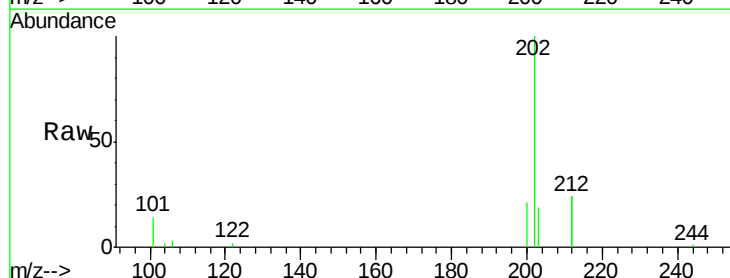
RT: 19.31 min Scan# 1437

Delta R.T. 0.00 min

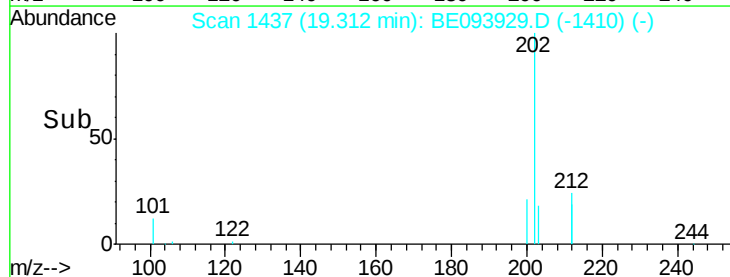
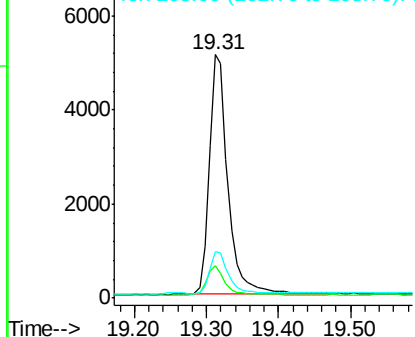
Lab File: BE093929.D

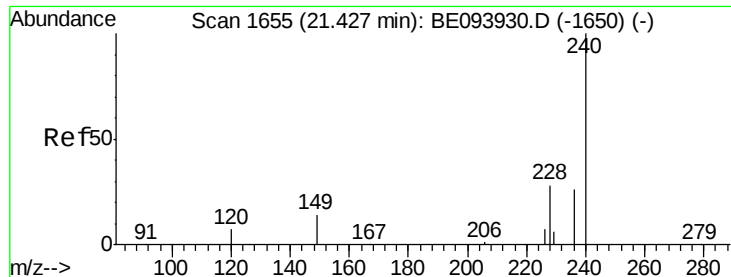
Acq: 5 Sep 2017 10:08

Tgt Ion:	202	Resp:	9258
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.1	13.7	20.5



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: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

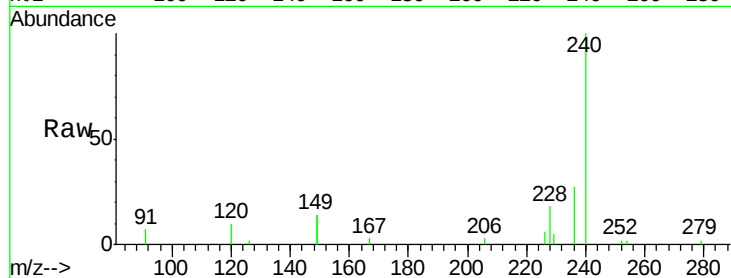
Tgt Ion:240 Resp: 13722

Ion Ratio Lower Upper

240 100

120 10.1 8.7 13.1

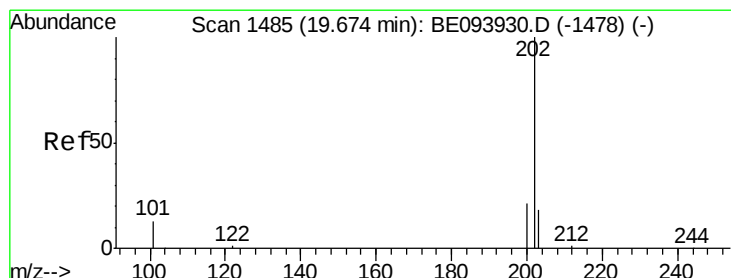
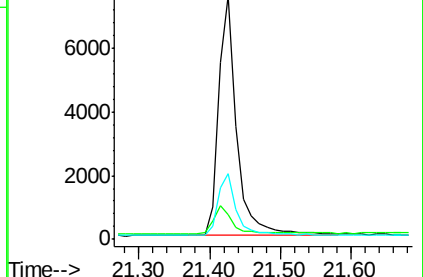
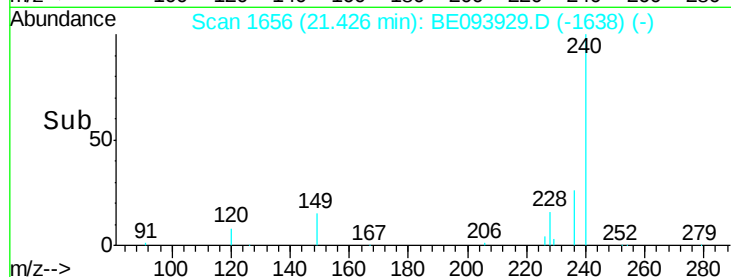
236 26.8 21.3 31.9



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: 0.213 ng

RT: 19.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

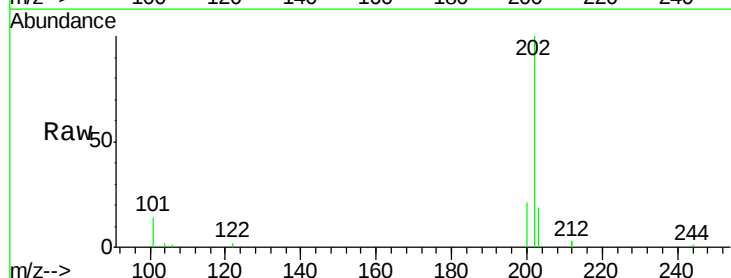
Tgt Ion:202 Resp: 9849

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

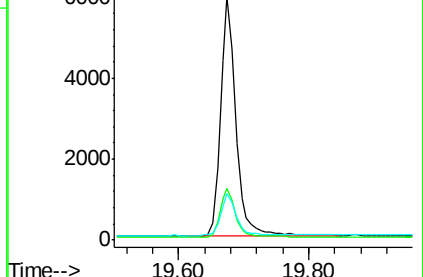
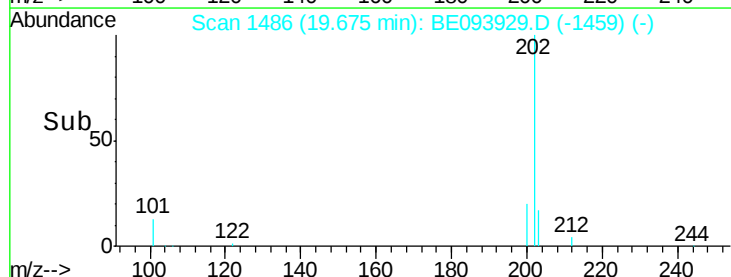
203 18.4 14.2 21.4

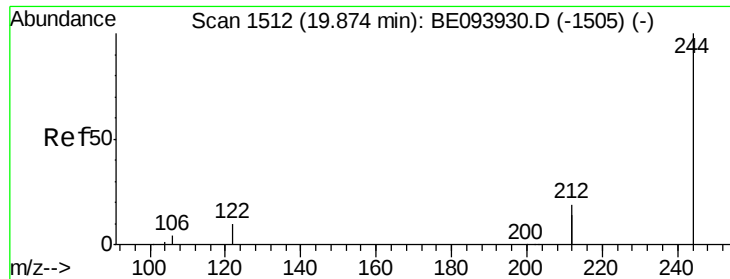


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.202 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

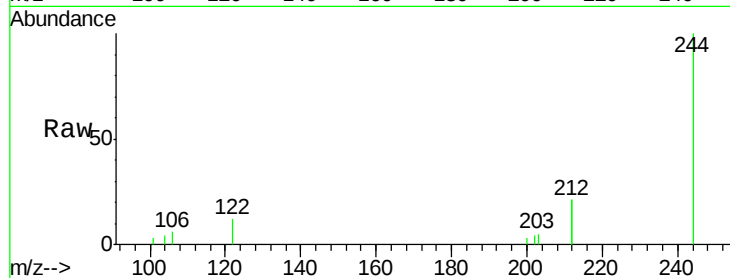
Tgt Ion:244 Resp: 5014

Ion Ratio Lower Upper

244 100

212 41.6 28.3 42.5

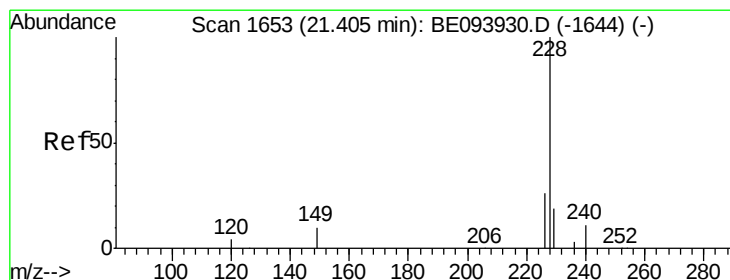
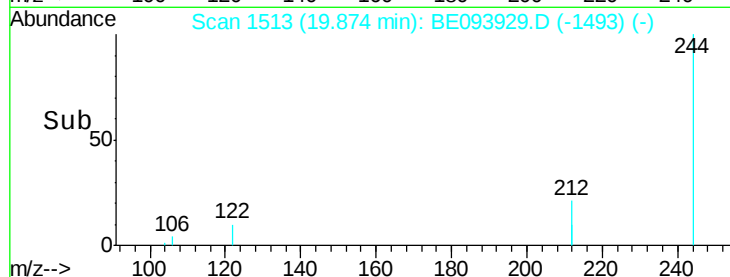
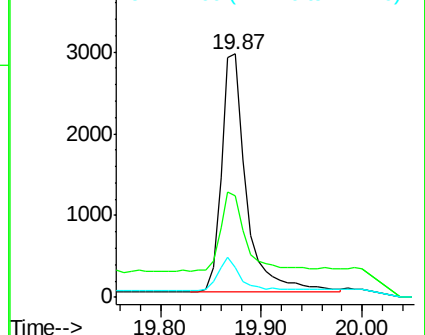
122 12.3 9.4 14.0



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: 0.214 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

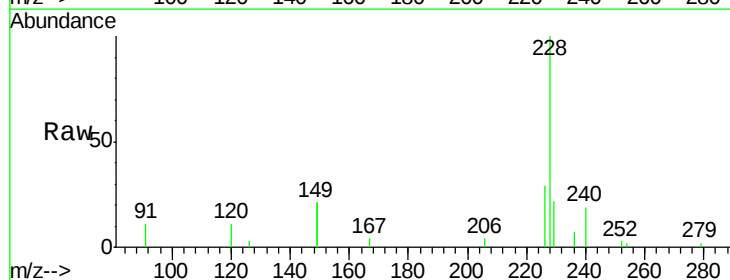
Tgt Ion:228 Resp: 8735

Ion Ratio Lower Upper

228 100

226 28.6 20.8 31.2

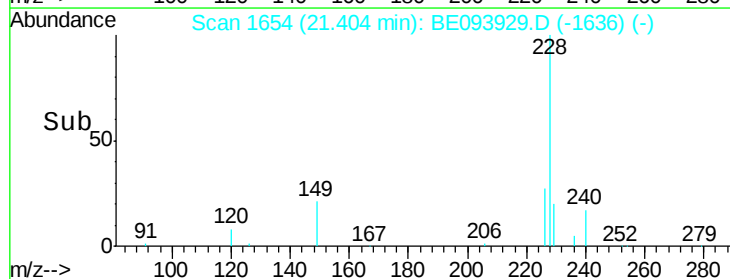
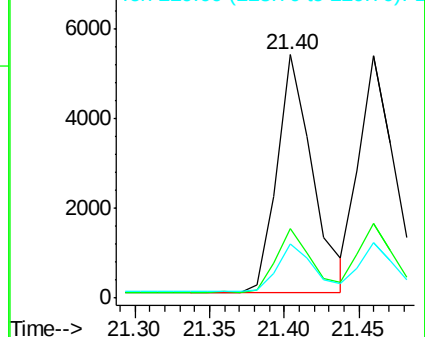
229 22.3 16.6 25.0

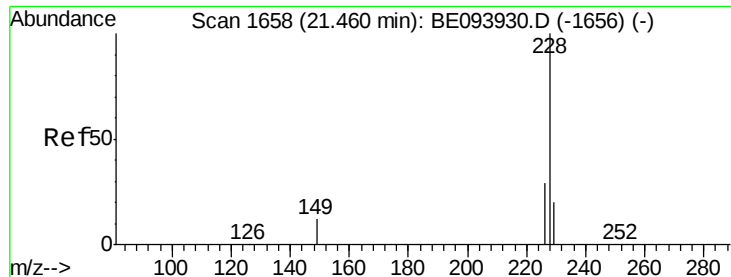


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.207 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

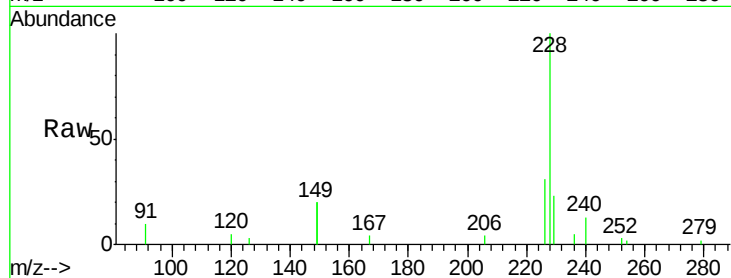
Tgt Ion:228 Resp: 9360

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

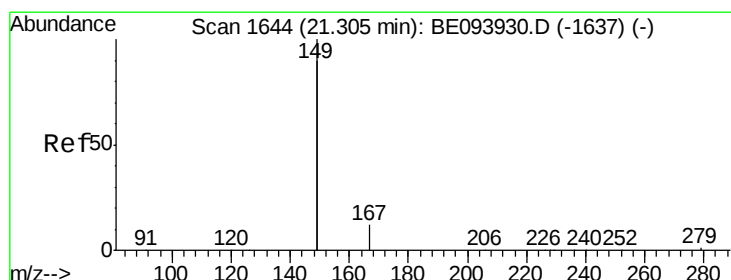
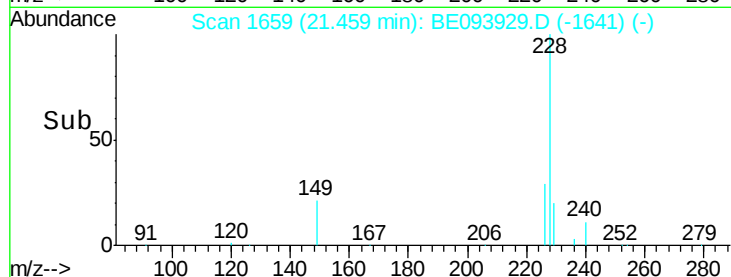
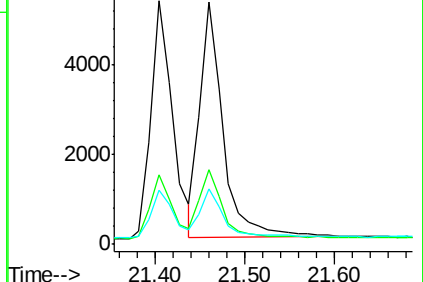
229 22.7 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.270 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

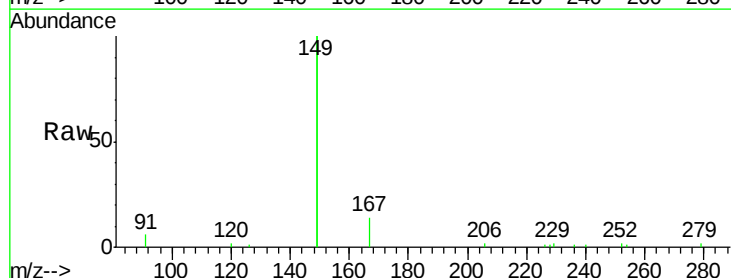
Tgt Ion:149 Resp: 23227

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

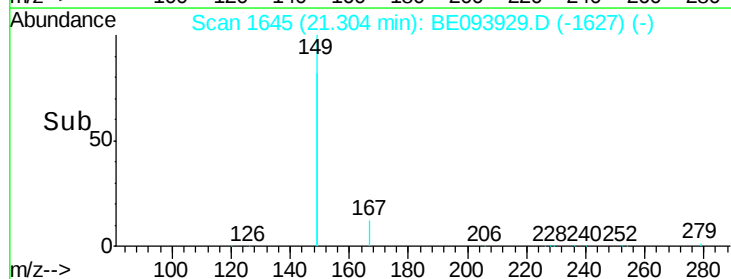
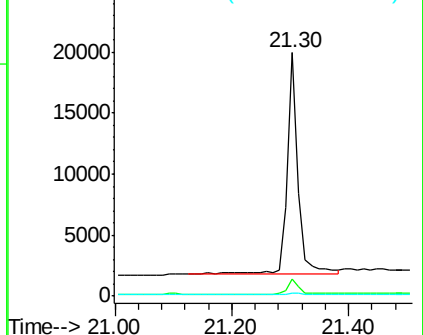
279 0.9 0.7 1.1

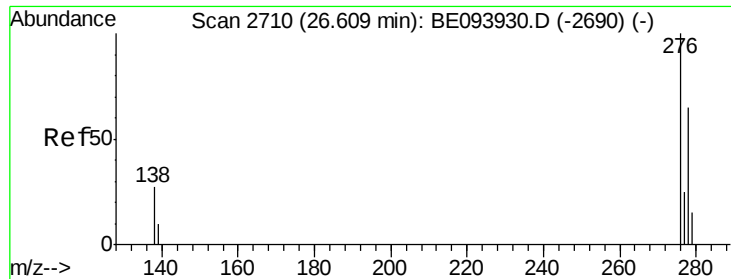


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.197 ng

RT: 26.61 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

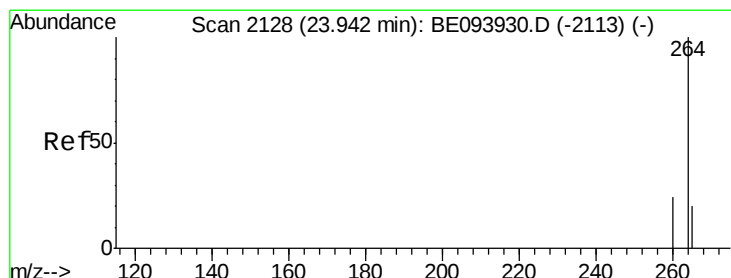
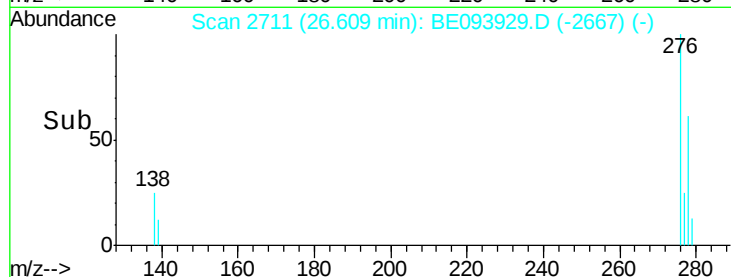
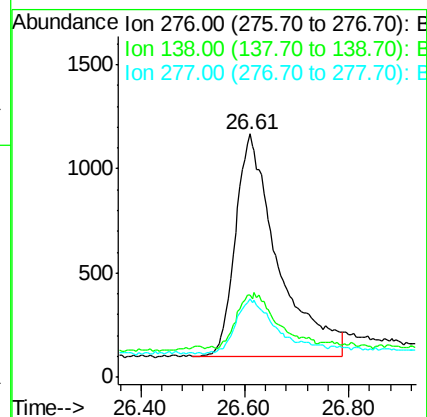
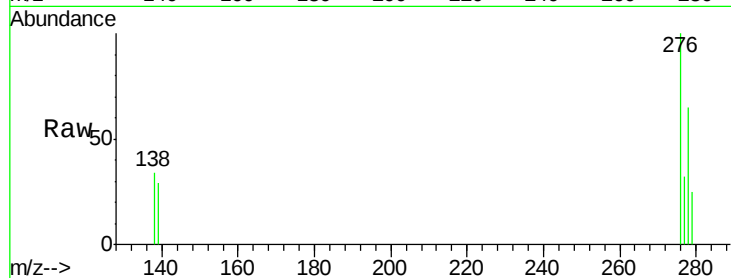
Tgt Ion:276 Resp: 6083

Ion Ratio Lower Upper

276 100

138 9.2 22.2 33.2#

277 22.0 19.5 29.3



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

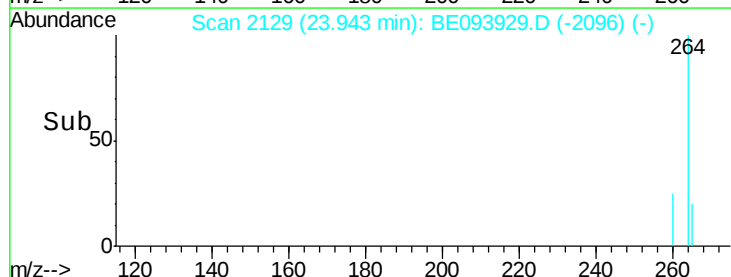
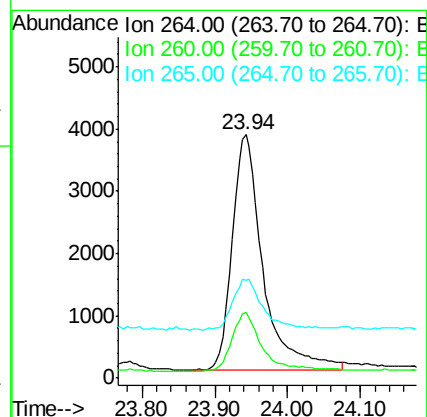
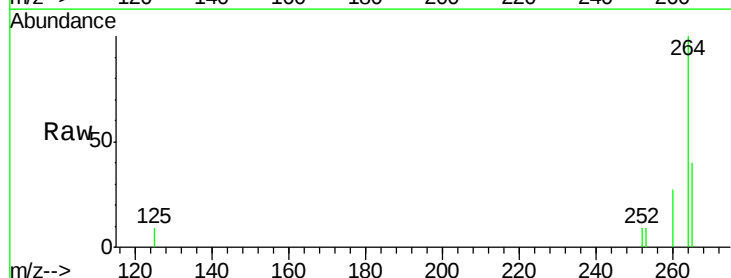
Tgt Ion:264 Resp: 11205

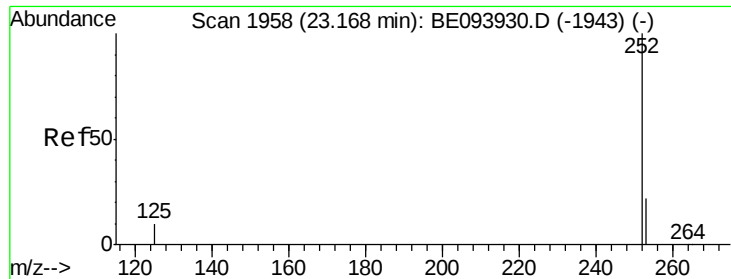
Ion Ratio Lower Upper

264 100

260 26.9 20.0 30.0

265 39.9 24.0 36.0#





#35

Benzo(b)fluoranthene

Concen: 0.202 ng

RT: 23.17 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

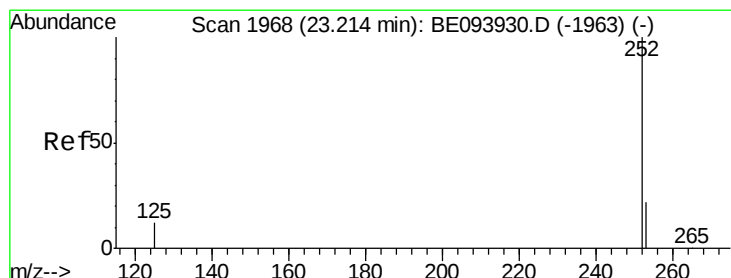
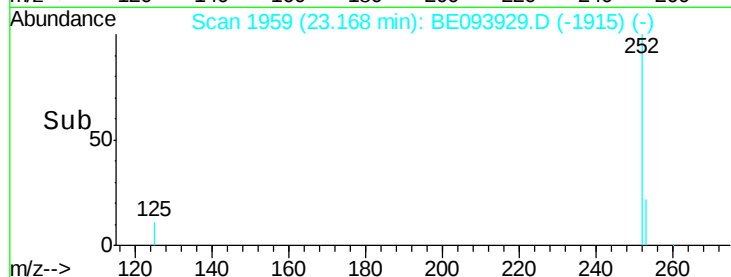
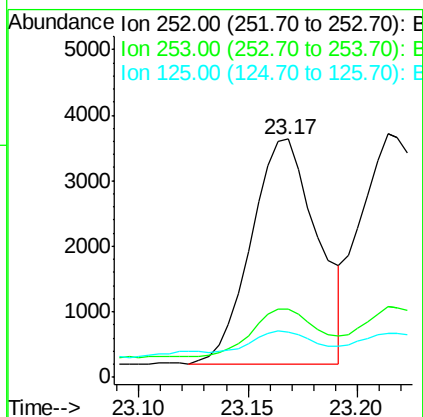
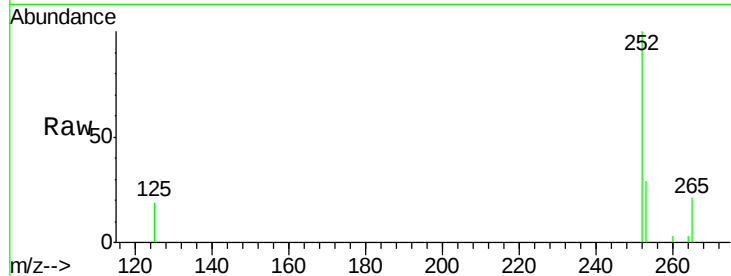
Tgt Ion:252 Resp: 7234

Ion Ratio Lower Upper

252 100

253 28.9 19.4 29.0

125 18.7 10.0 15.0#



#36

Benzo(k)fluoranthene

Concen: 0.221 ng

RT: 23.21 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

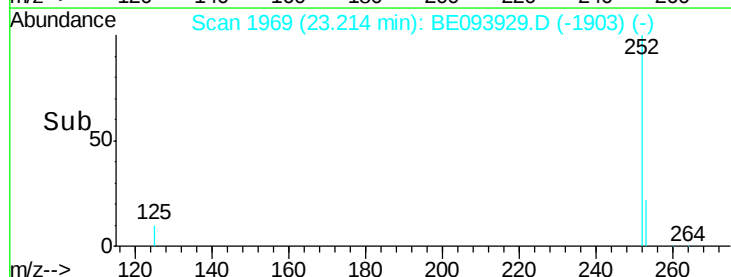
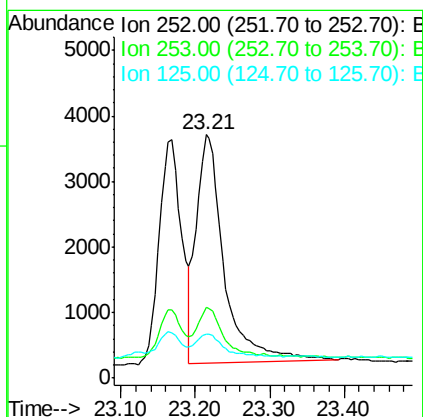
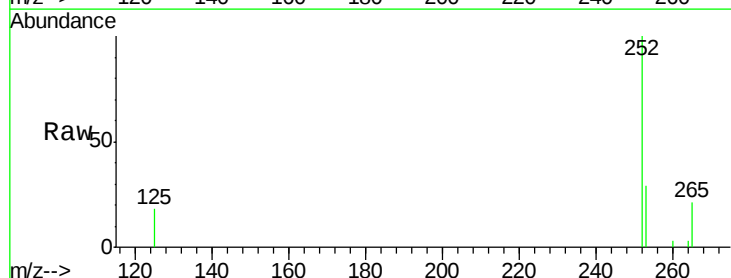
Tgt Ion:252 Resp: 9019

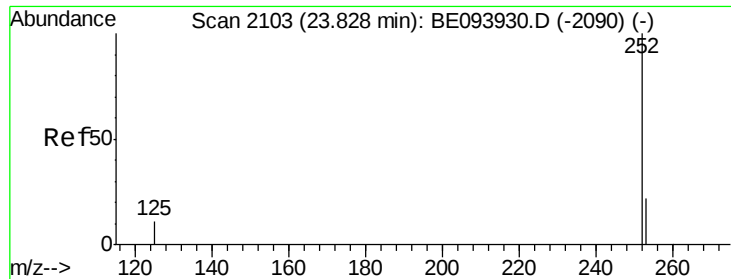
Ion Ratio Lower Upper

252 100

253 28.9 18.1 27.1#

125 18.1 9.8 14.6#





#37

Benzo(a)pyrene

Concen: 0.210 ng

RT: 23.83 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

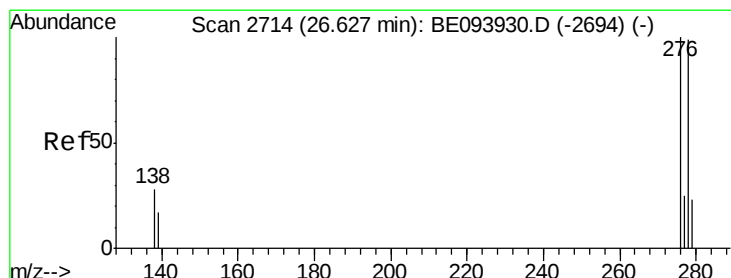
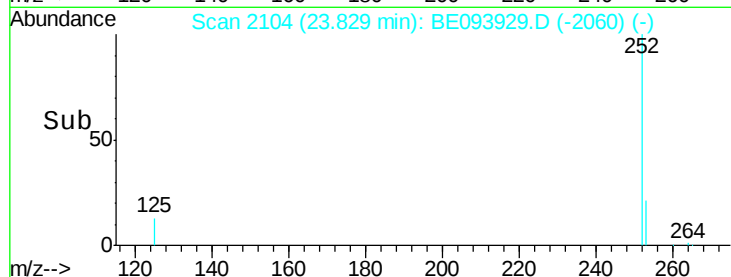
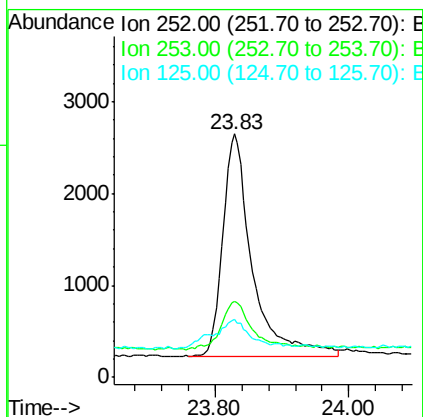
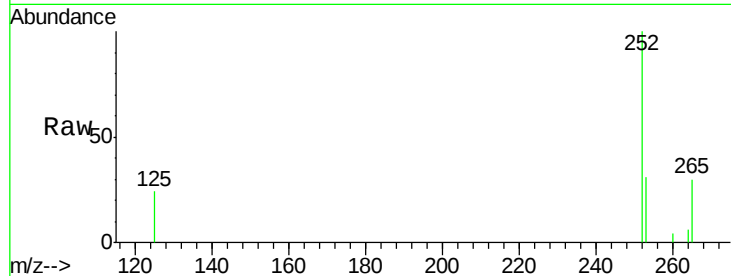
Tgt Ion:252 Resp: 7463

Ion Ratio Lower Upper

252 100

253 31.4 19.6 29.4#

125 23.7 11.8 17.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.189 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE093929.D

Acq: 5 Sep 2017 10:08

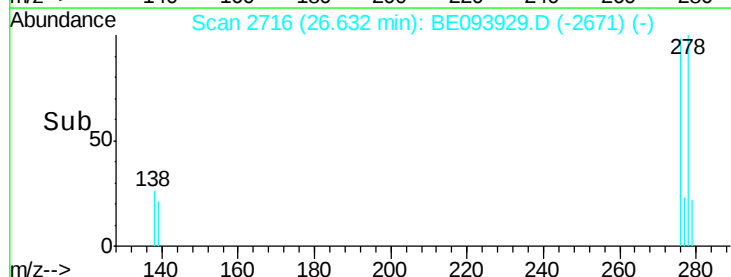
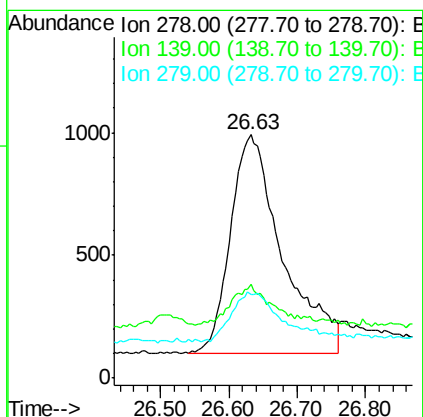
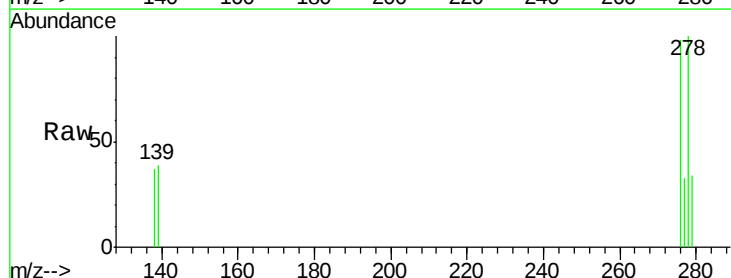
Tgt Ion:278 Resp: 4731

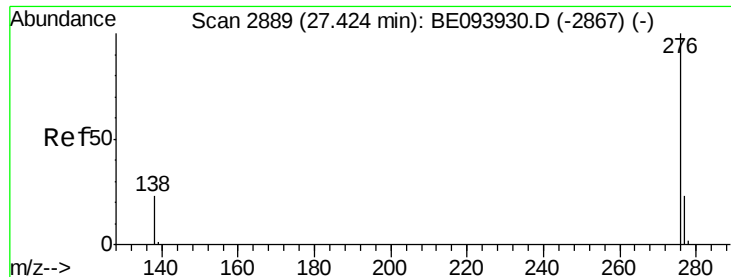
Ion Ratio Lower Upper

278 100

139 38.5 16.7 25.1#

279 34.3 21.6 32.4#





#39

Benzo(g,h,i)perylene

Concen: 0.190 ng

RT: 27.42 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BE093929.D

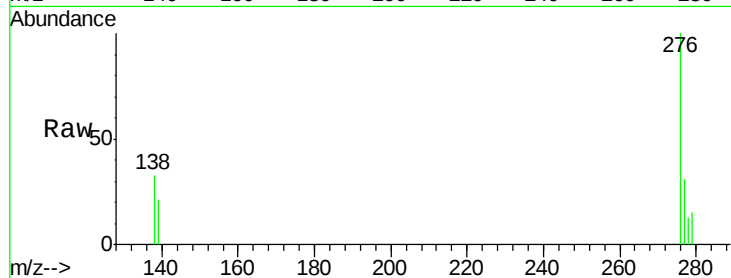
Acq: 5 Sep 2017 10:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



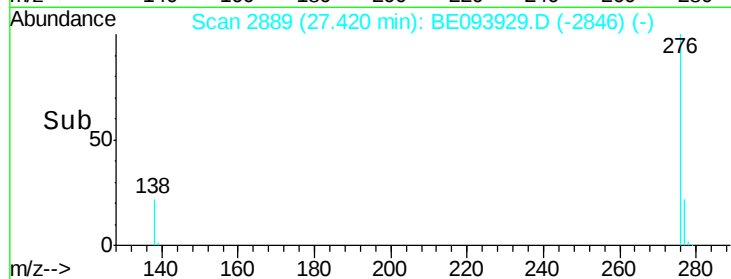
Tgt Ion: 276 Resp: 5197

Ion Ratio Lower Upper

276 100

277 31.2 20.6 30.8#

138 32.6 21.9 32.9



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

