

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093637.D
 Acq On : 2 Aug 2017 21:48
 Operator : SJ/JU
 Sample : I4426-02MS
 Misc : I4426-07
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSMW-100-0717MS

Quant Time: Aug 03 02:48:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2399	0.40	ng	-0.01
7) Naphthalene-d8	10.70	136	11453	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6434	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18577	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17650	0.40	ng	-0.01
34) Perylene-d12	23.91	264	15056	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1175	0.16	ng	0.00
5) Phenol-d6	7.09	99	1162	0.11	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2614	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5235	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	481	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10580	0.41	ng	-0.02
25) Fluoranthene-d10	19.27	212	57578	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	13802	0.44	ng	0.00

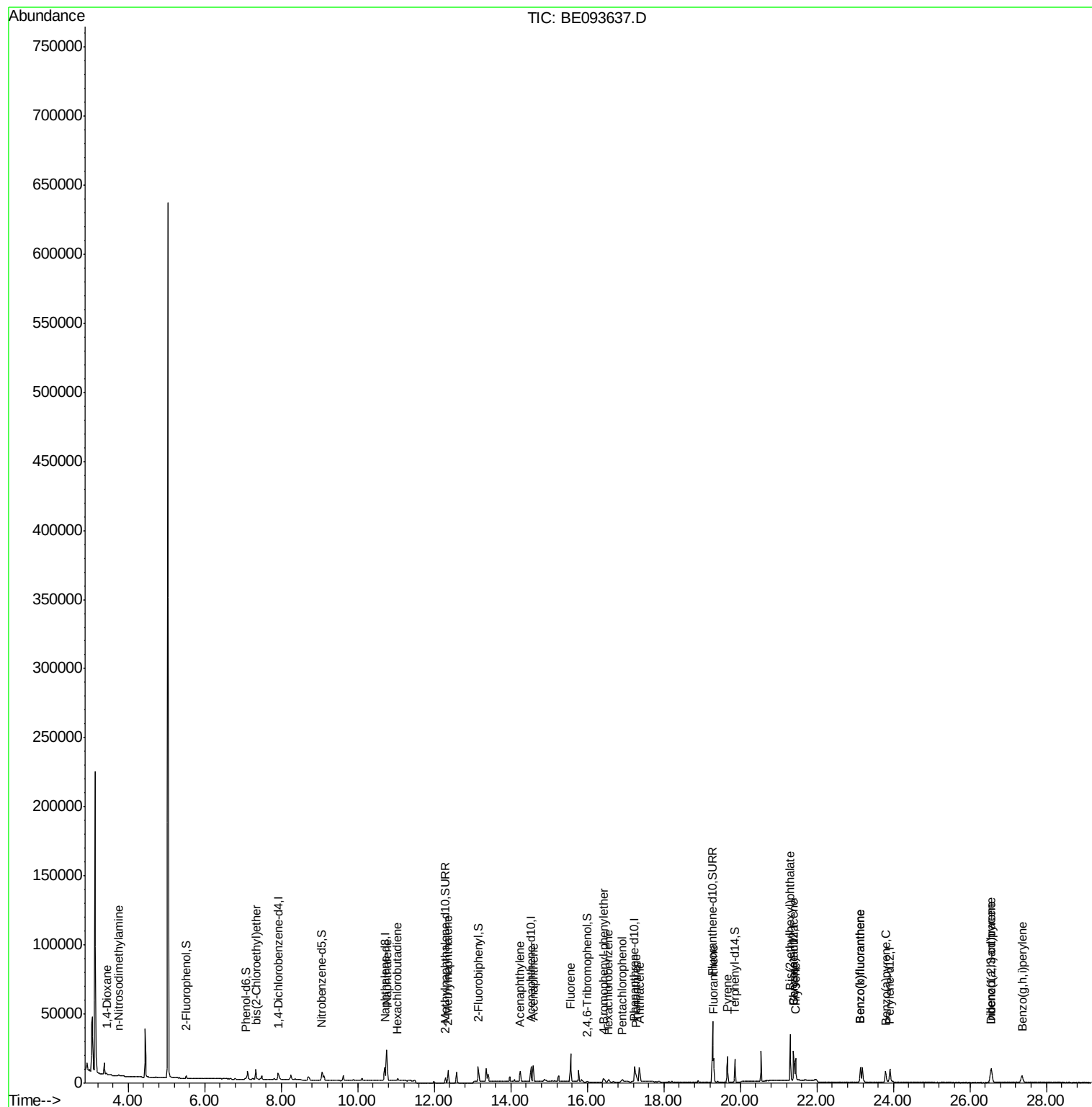
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	706	0.182	ng	# 47
3) n-Nitrosodimethylamine	3.75	42	616	0.169	ng	# 79
6) bis(2-Chloroethyl)ether	7.34	93	2506	0.277	ng	# 95
9) Naphthalene	10.76	128	35446	0.267	ng	99
10) Hexachlorobutadiene	11.04	225	1232	0.251	ng	96
12) 2-Methylnaphthalene	12.36	142	6217	0.283	ng	97
16) Acenaphthylene	14.24	152	8925	0.290	ng	# 88
17) Acenaphthene	14.58	154	6178	0.285	ng	99
18) Fluorene	15.56	166	8355	0.288	ng	# 87
20) 4-Bromophenyl-phenylether	16.42	248	1351	0.192	ng	# 1
21) Hexachlorobenzene	16.55	284	1363	0.216	ng	# 100
22) Pentachlorophenol	16.91	266	1477	0.558	ng	96
23) Phenanthrene	17.27	178	11281	0.276	ng	# 79
24) Anthracene	17.37	178	15589	0.279	ng	# 89
26) Fluoranthene	19.30	202	16706	0.257	ng	99
28) Pyrene	19.66	202	17040	0.299	ng	# 98
30) Benzo(a)anthracene	21.39	228	15811	0.305	ng	95
31) Chrysene	21.45	228	15862	0.274	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	35153	0.497	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	14931	0.285	ng	94
35) Benzo(b)fluoranthene	23.14	252	14950	0.278	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	14950	0.272	ng	95
37) Benzo(a)pyrene	23.80	252	13434	0.276	ng	# 95
38) Dibenzo(a,h)anthracene	26.57	278	12490	0.266	ng	# 91
39) Benzo(g,h,i)perylene	27.36	276	12795	0.269	ng	# 92

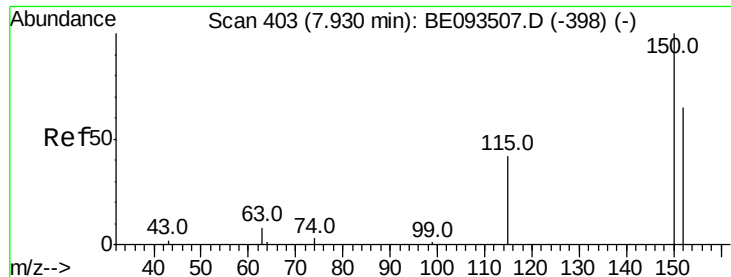
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

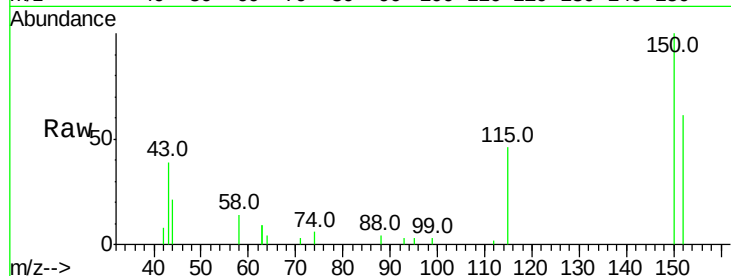
Tot Ion:152 Resp: 2399

Ion Ratio Lower Upper

152 100

150 163.7 125.1 187.7

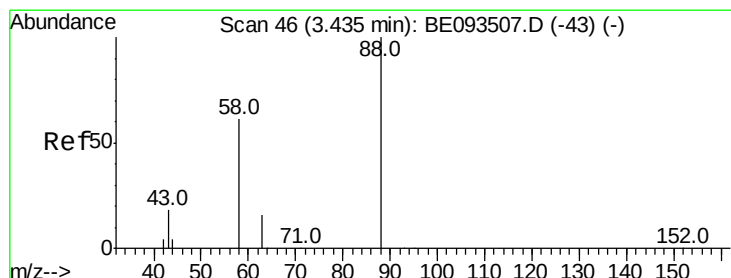
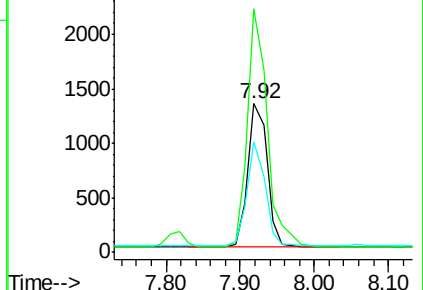
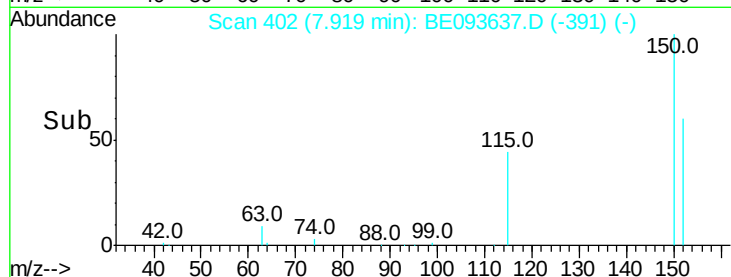
115 74.6 55.7 83.5



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: 0.182 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

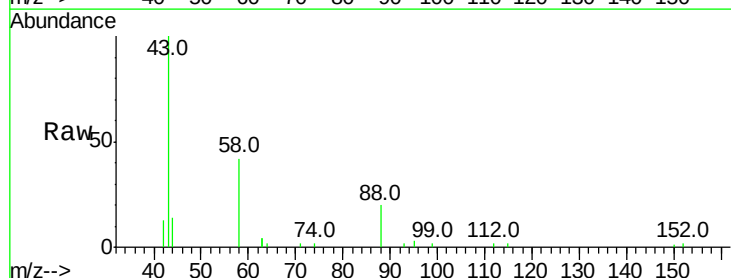
Tgt Ion: 88 Resp: 706

Ion Ratio Lower Upper

88 100

58 123.2 62.2 93.4#

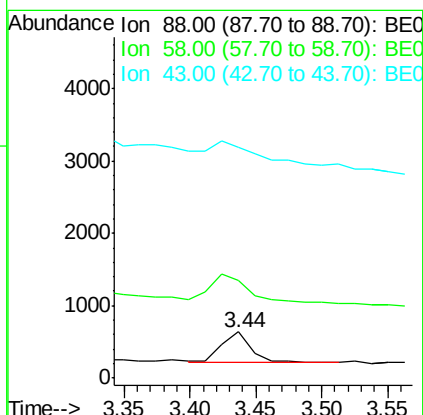
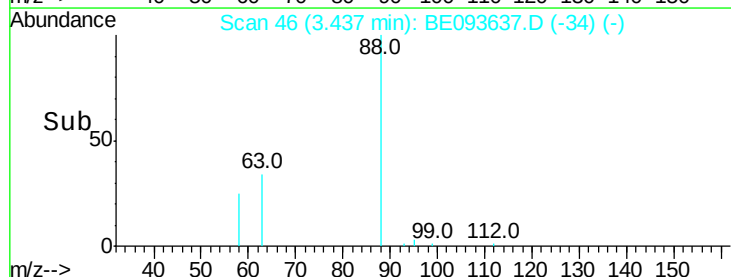
43 0.0 23.2 34.8#

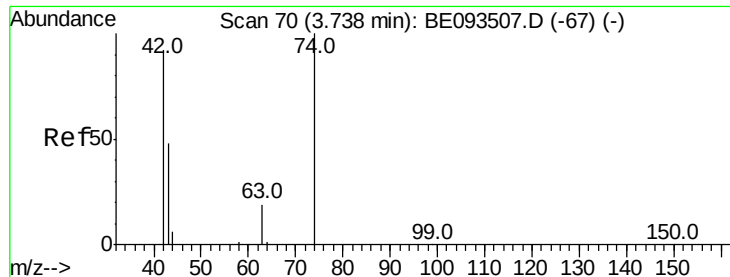


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.169 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

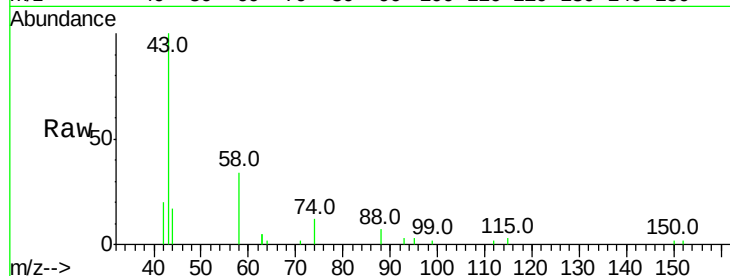
Tot Ion: 42 Resp: 616

Ion Ratio Lower Upper

42 100

74 100.5 99.1 148.7

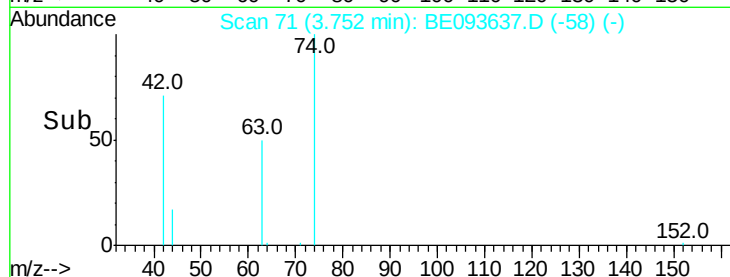
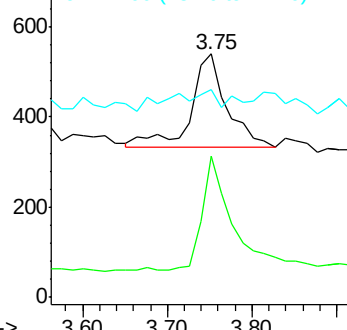
44 0.0 7.4 11.2#



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: 0.164 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

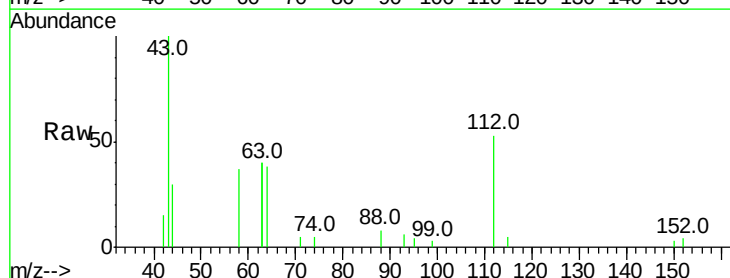
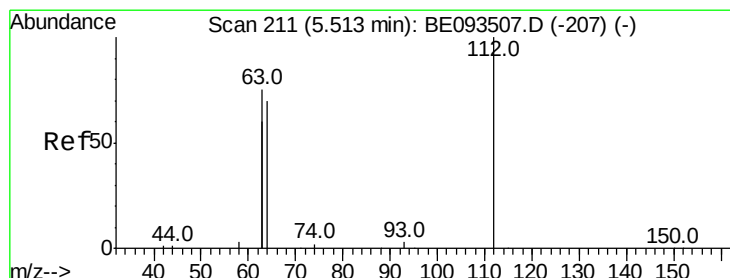
Tgt Ion: 112 Resp: 1175

Ion Ratio Lower Upper

112 100

64 70.6 56.4 84.6

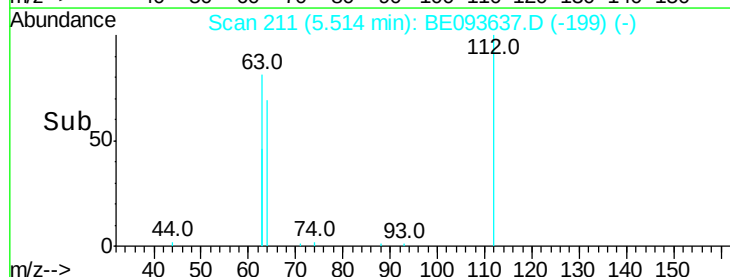
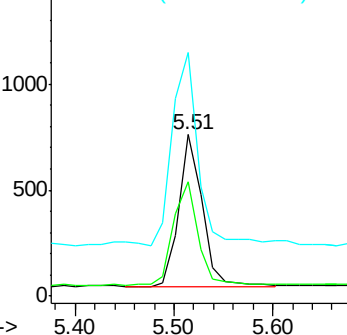
63 131.9 29.3 43.9#

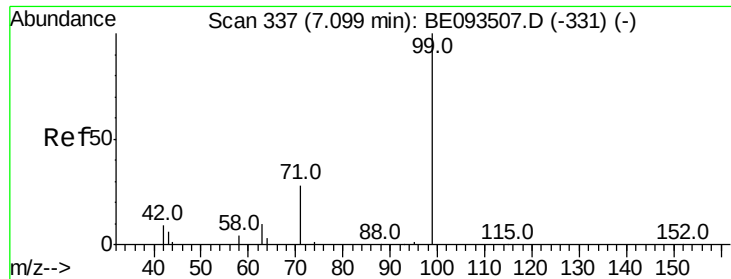


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.108 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

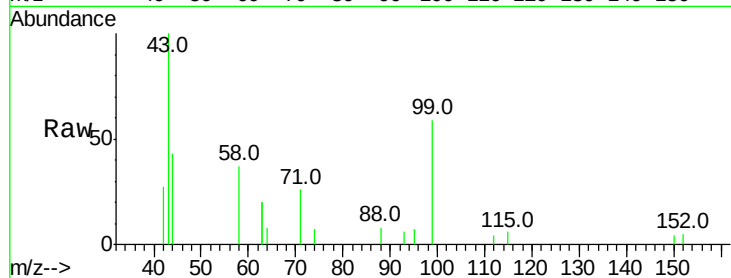
Tot Ion: 99 Resp: 1162

Ion Ratio Lower Upper

99 100

42 37.3 0.0 0.0#

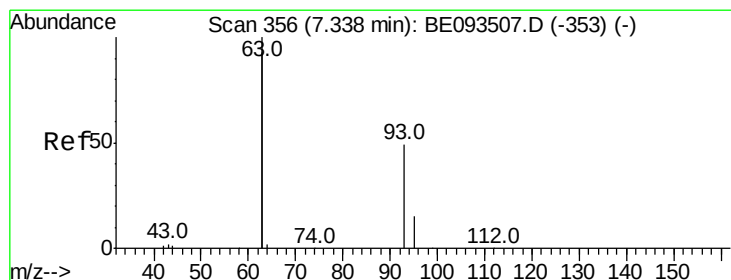
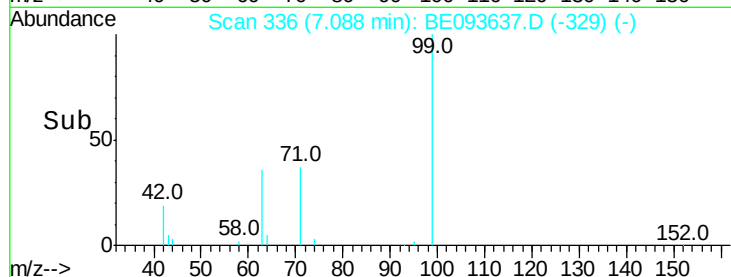
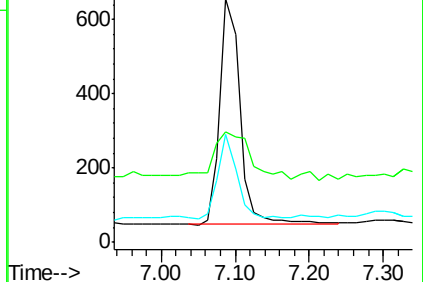
71 35.0 0.0 0.0#



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: 0.277 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

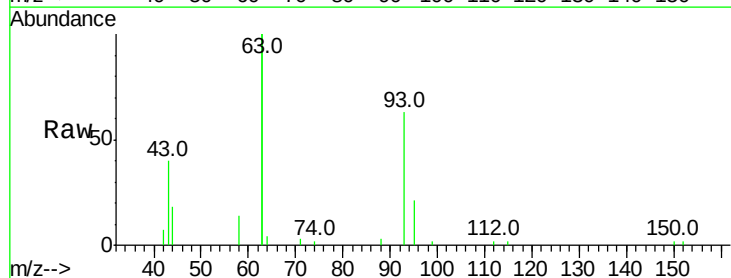
Tgt Ion: 93 Resp: 2506

Ion Ratio Lower Upper

93 100

63 354.0 0.0 0.0#

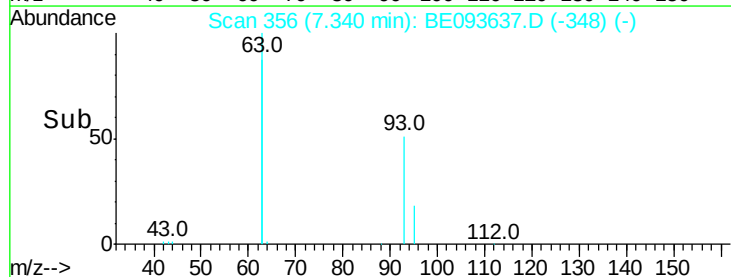
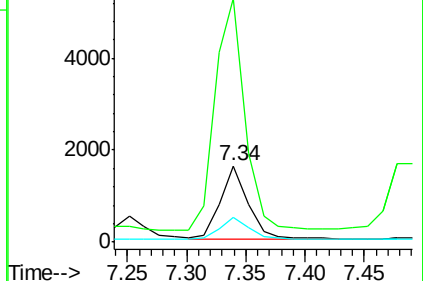
95 34.4 25.4 38.0

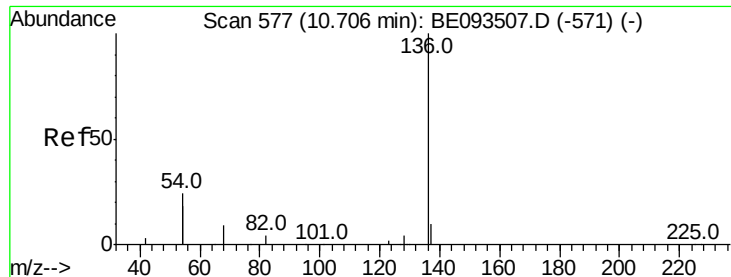


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.70 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

Tot Ion:136 Resp: 11453

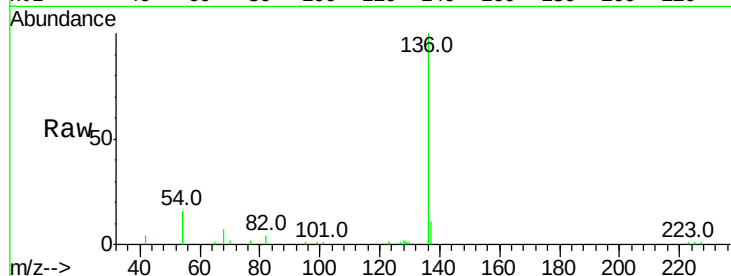
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 32.7 10.3 15.5#

68 6.9 9.0 13.4#

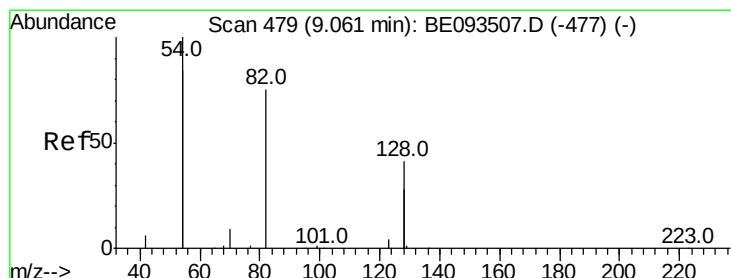
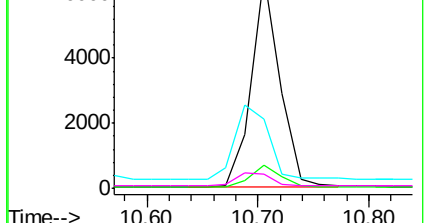
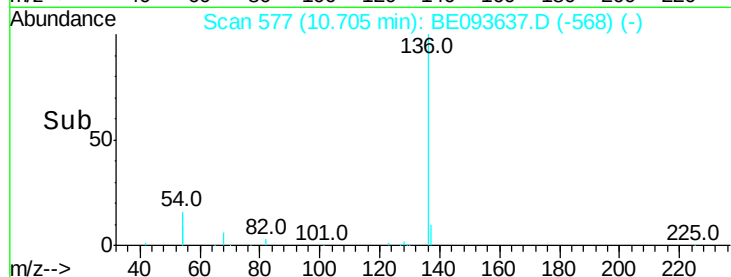


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.299 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

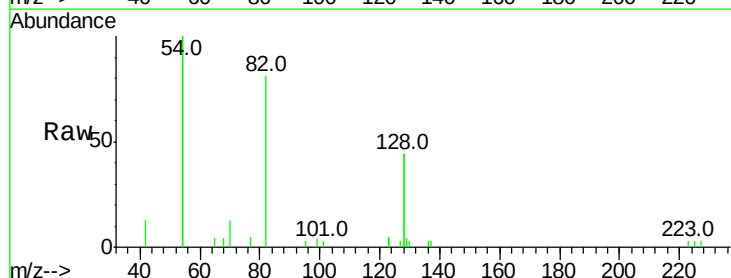
Tgt Ion: 82 Resp: 2614

Ion Ratio Lower Upper

82 100

128 107.6 17.0 25.4#

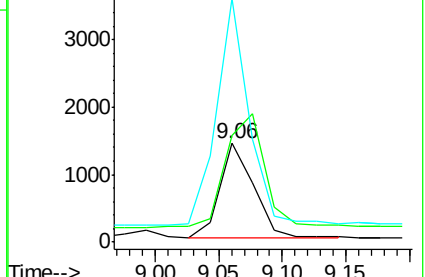
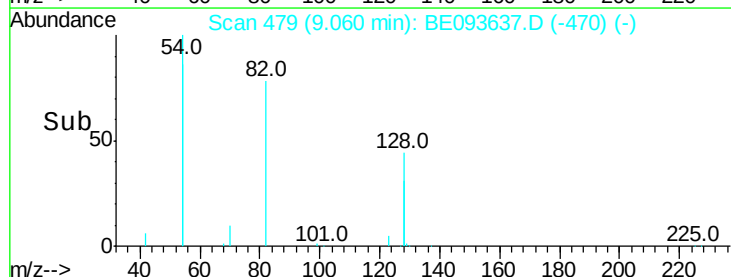
54 246.8 53.8 80.6#

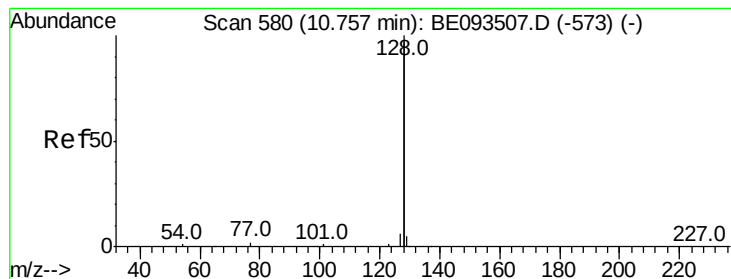


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.267 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

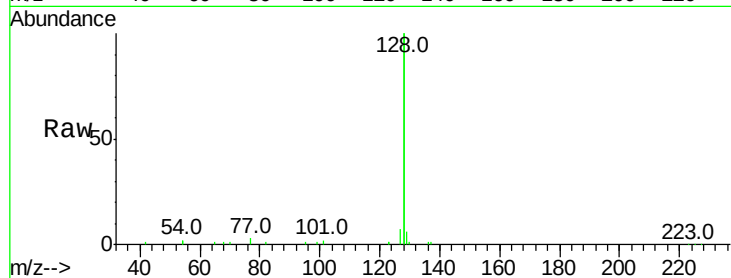
Tot Ion:128 Resp: 35446

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

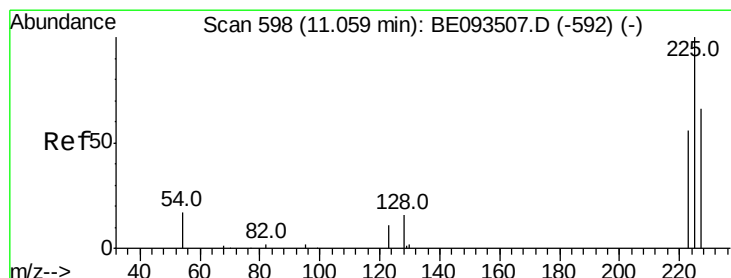
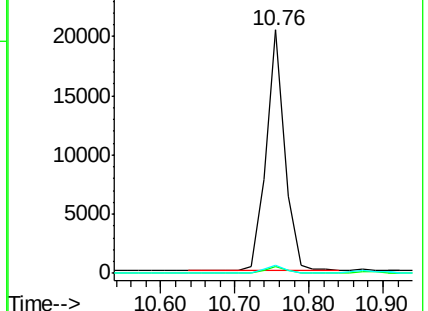
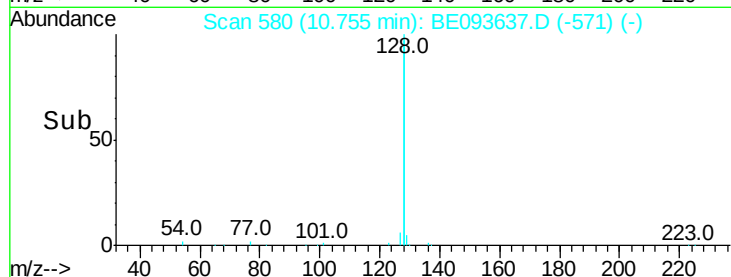
127 3.4 2.4 3.6



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: 0.251 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

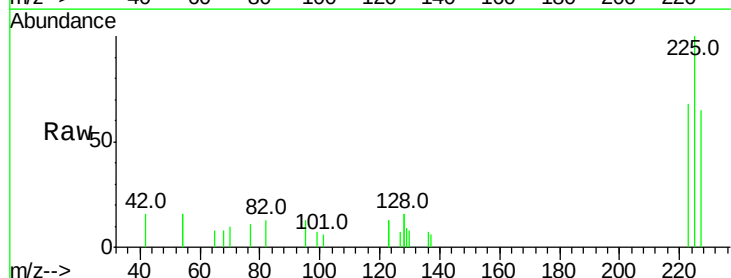
Tgt Ion:225 Resp: 1232

Ion Ratio Lower Upper

225 100

223 66.5 49.7 74.5

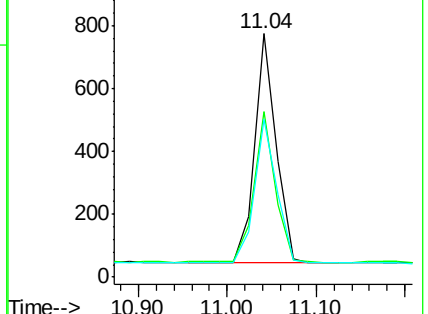
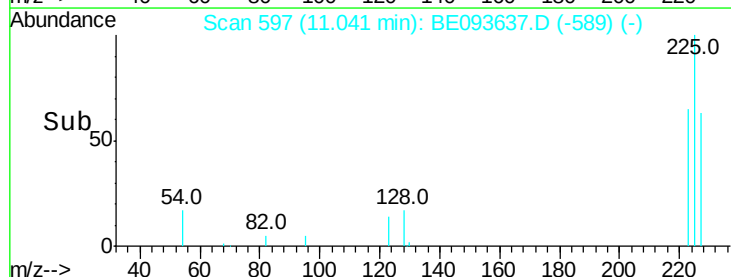
227 64.7 50.3 75.5

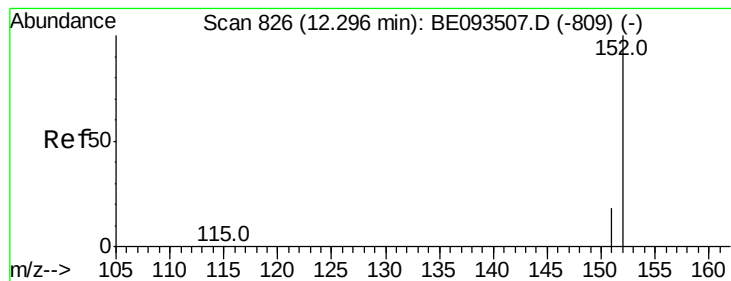


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

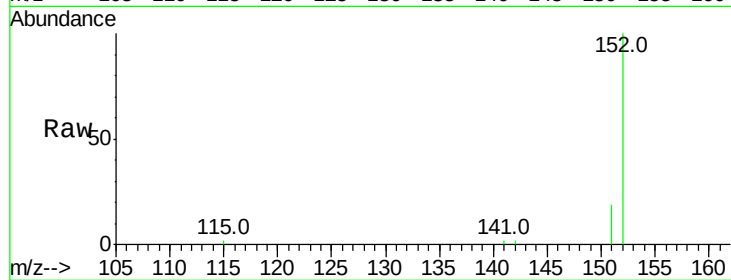
CSMW-100-0717MS

Tot Ion:152 Resp: 5235

Ion Ratio Lower Upper

152 100

151 19.2 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

4000

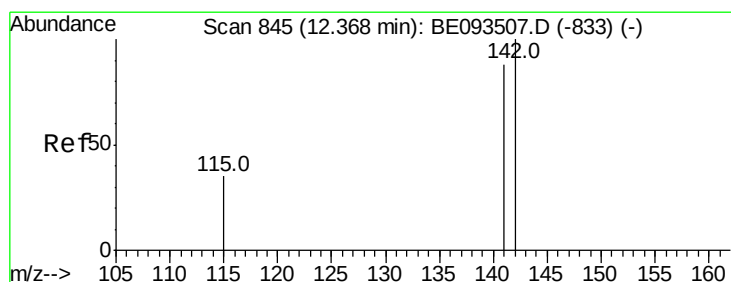
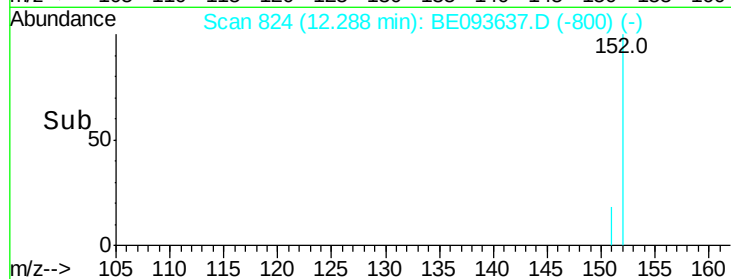
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.283 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

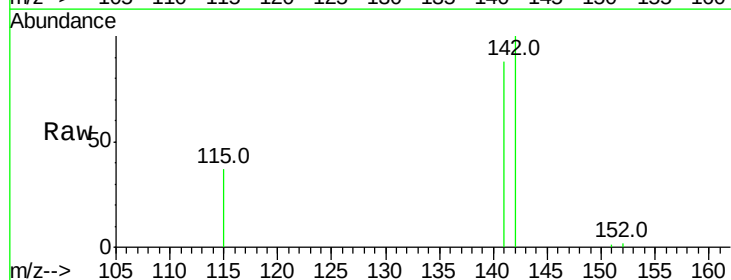
Tgt Ion:142 Resp: 6217

Ion Ratio Lower Upper

142 100

141 88.1 72.6 108.8

115 37.4 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

5000

4000

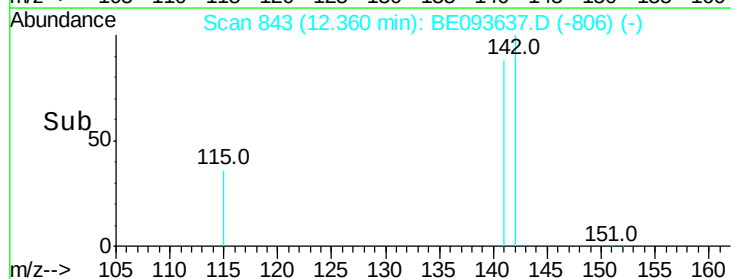
3000

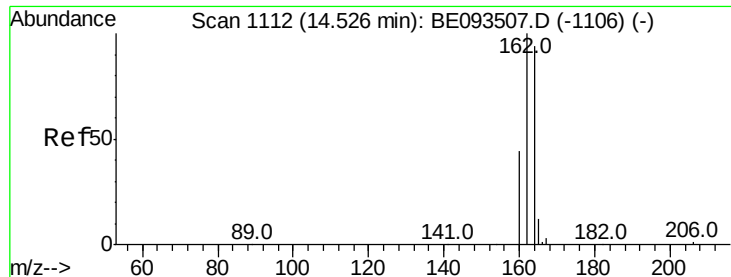
2000

1000

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

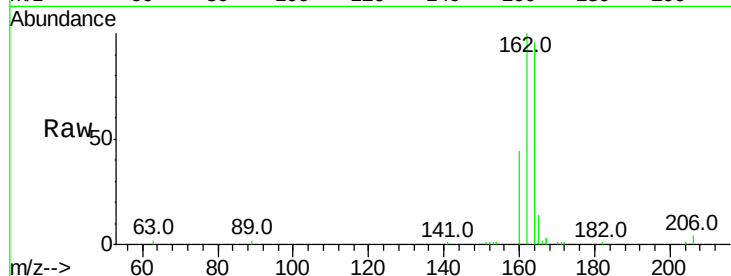
Tot Ion:164 Resp: 6434

Ion Ratio Lower Upper

164 100

162 103.7 84.6 127.0

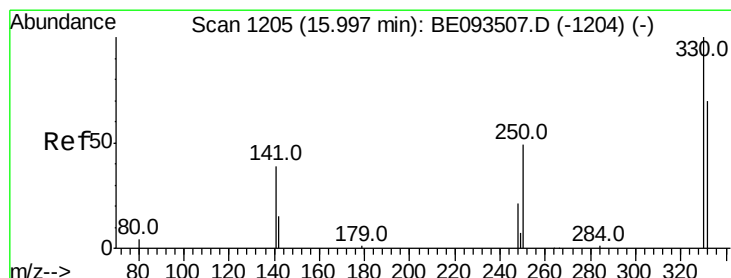
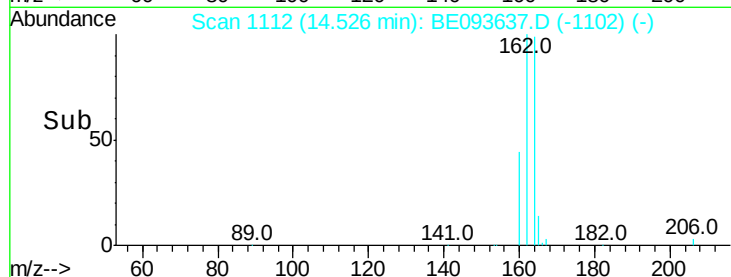
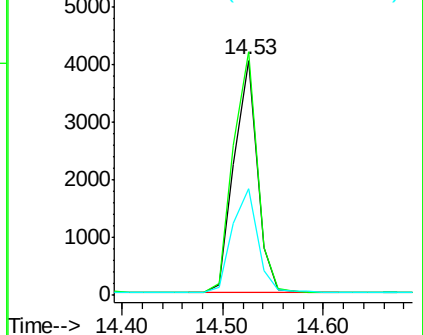
160 45.5 41.8 62.6



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: 0.357 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

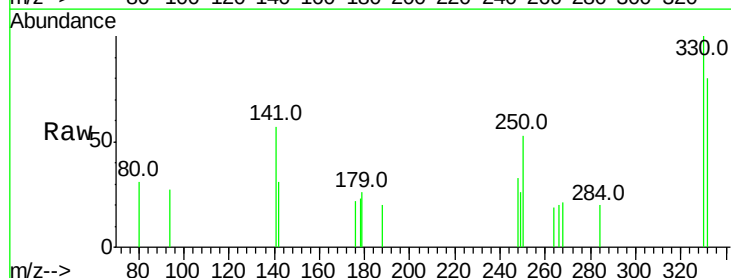
Tgt Ion:330 Resp: 481

Ion Ratio Lower Upper

330 100

332 88.6 77.7 116.5

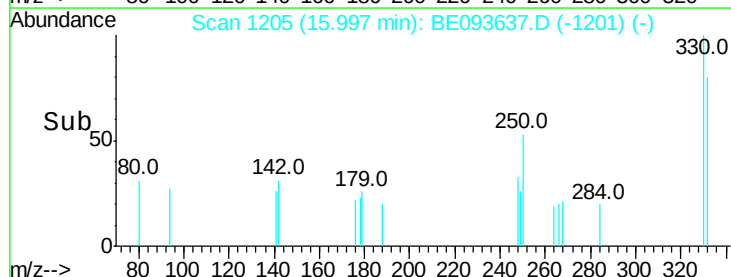
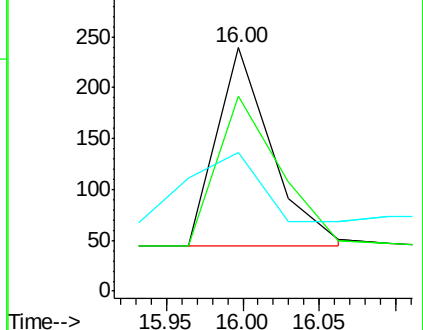
141 47.2 56.2 84.4#

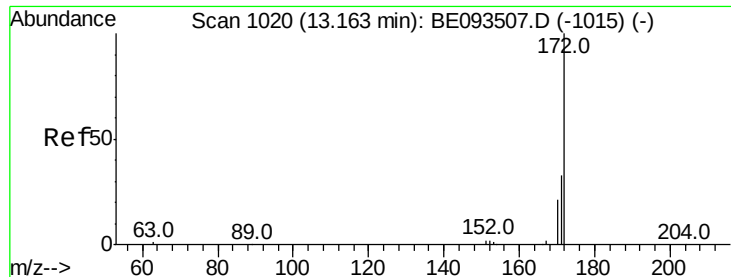


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

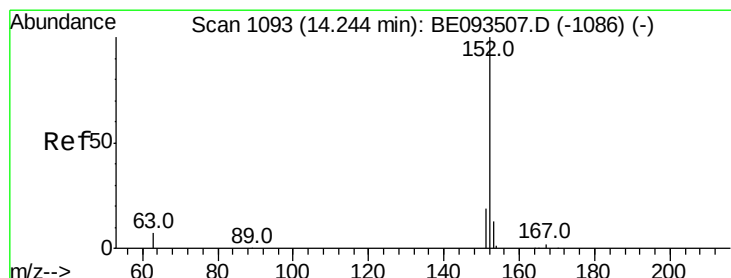
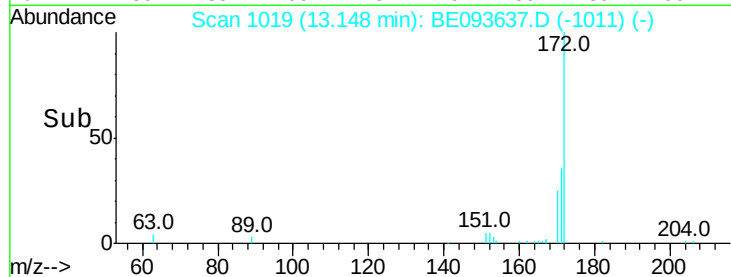
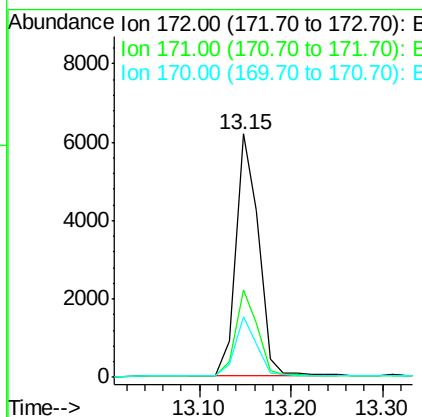
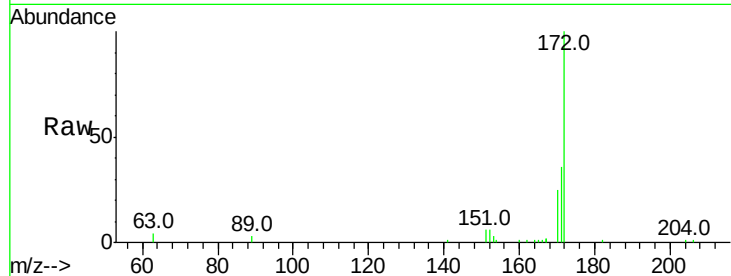




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093637.D
Acq: 2 Aug 2017 21:48

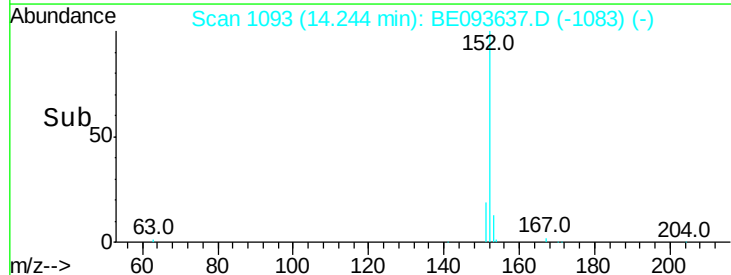
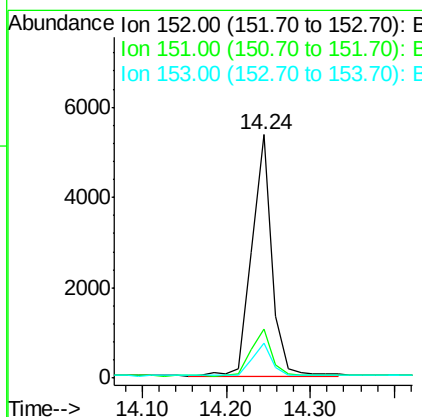
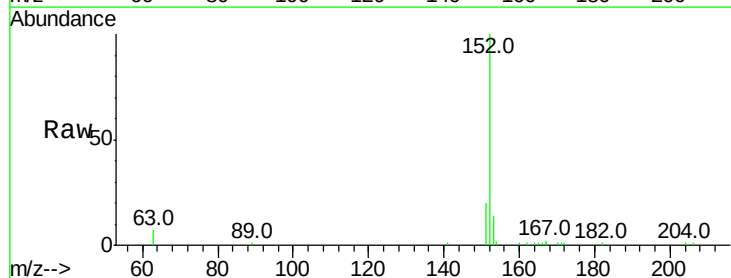
Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717MS

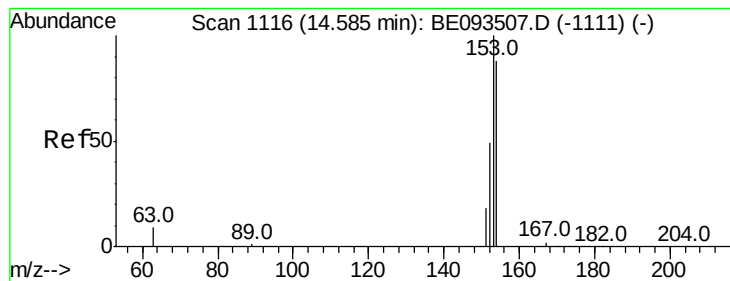
Tot Ion:172 Resp: 10580
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.290 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093637.D
Acq: 2 Aug 2017 21:48

Tgt Ion:152 Resp: 8925
Ion Ratio Lower Upper
152 100
151 19.4 4.0 6.0#
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.285 ng

RT: 14.58 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

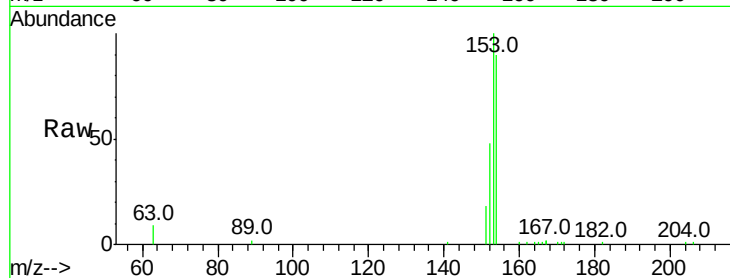
Tot Ion:154 Resp: 6178

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

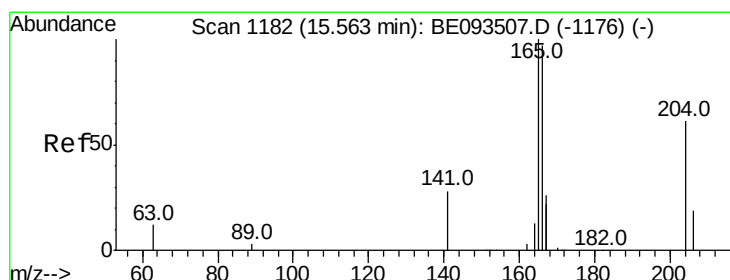
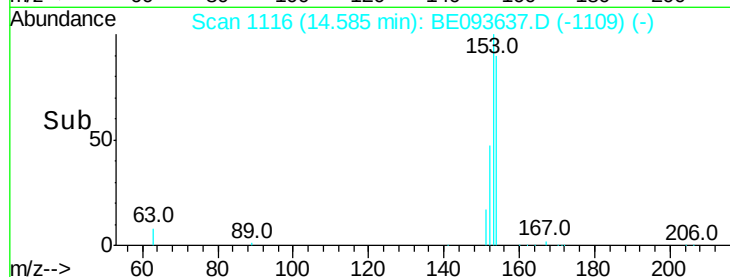
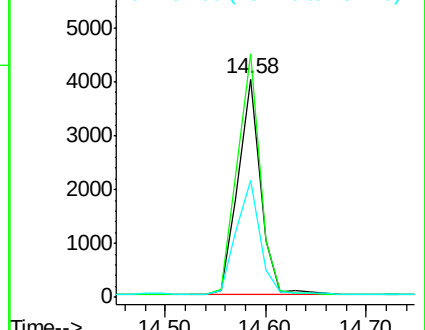
152 55.1 44.8 67.2



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: 0.288 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

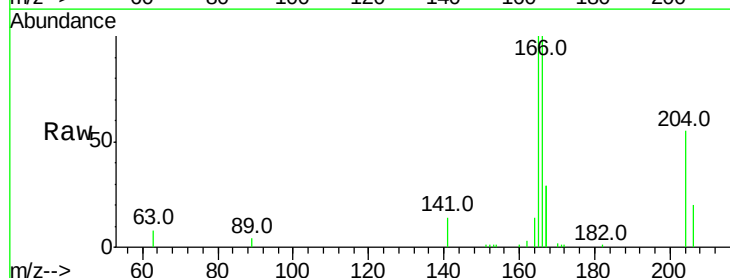
Tgt Ion:166 Resp: 8355

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

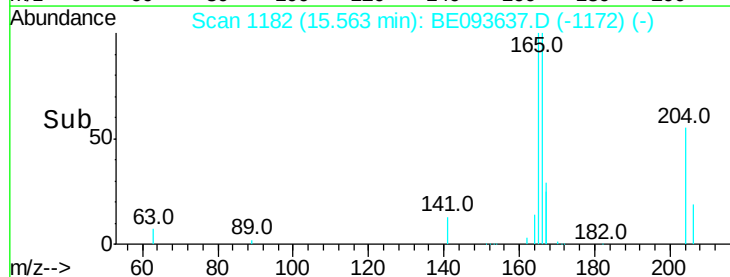
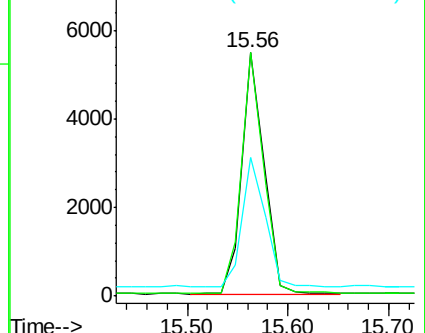
167 55.7 11.1 16.7#

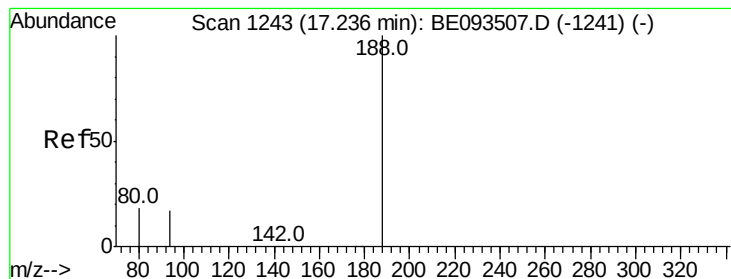


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

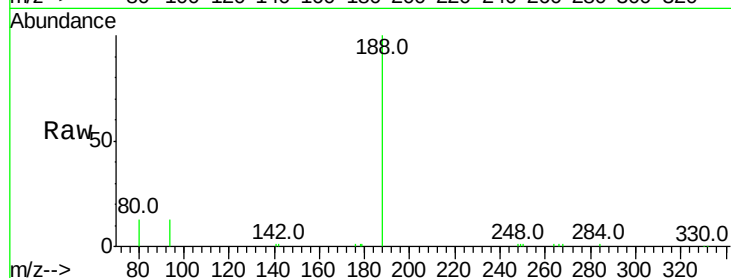
Tot Ion:188 Resp: 18577

Ion Ratio Lower Upper

188 100

94 12.6 11.3 16.9

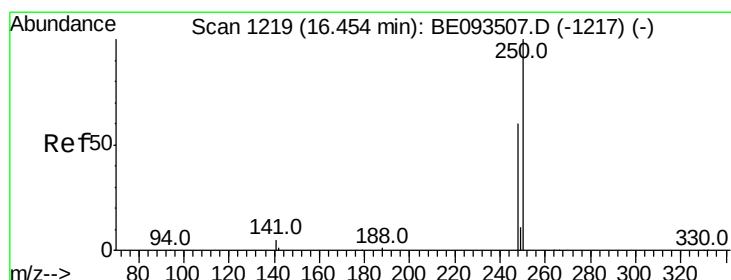
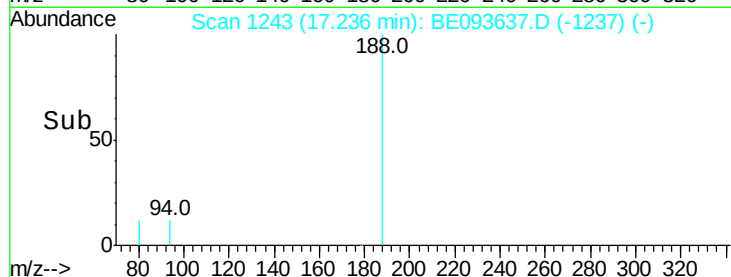
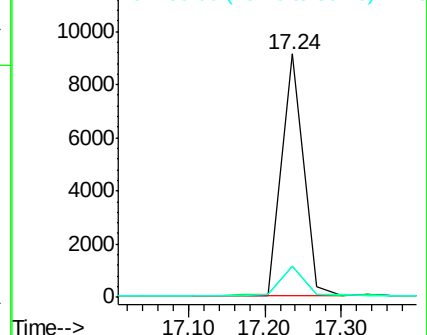
80 12.6 11.7 17.5



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: 0.192 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

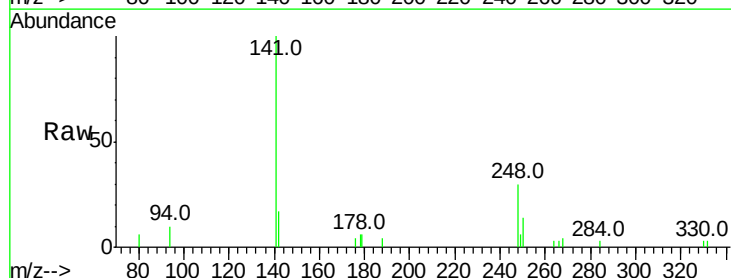
Tgt Ion:248 Resp: 1351

Ion Ratio Lower Upper

248 100

250 47.3 128.0 192.0#

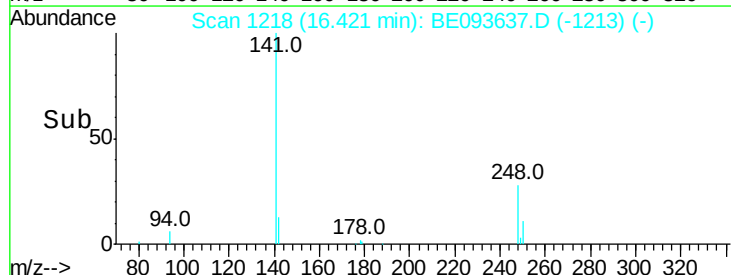
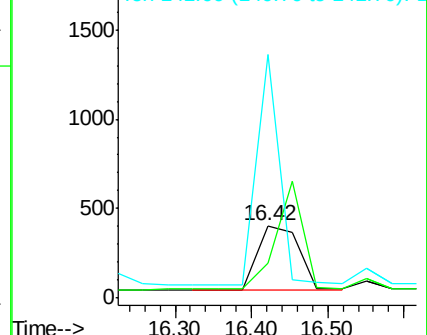
141 335.2 12.0 18.0#

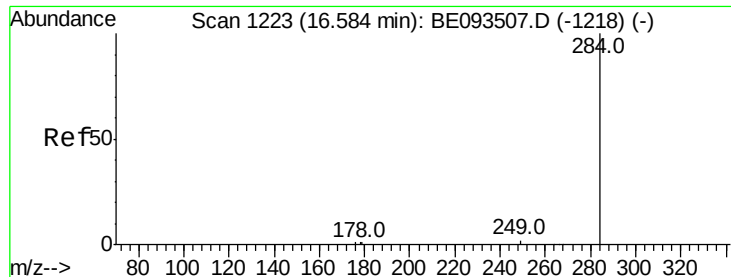


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.216 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

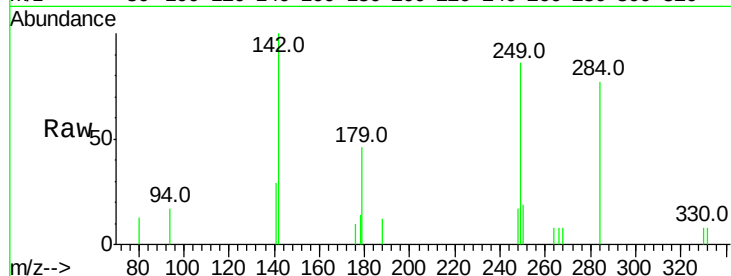
Tot Ion:284 Resp: 1363

Ion Ratio Lower Upper

284 100

142 76.2 0.0 0.0#

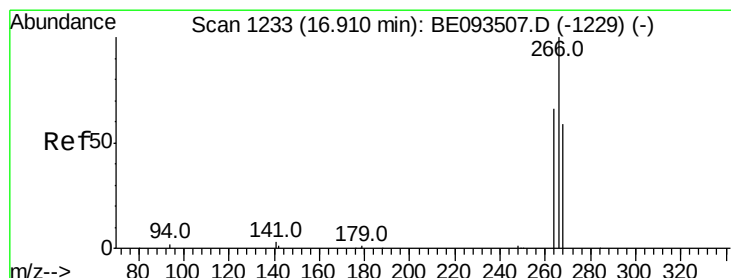
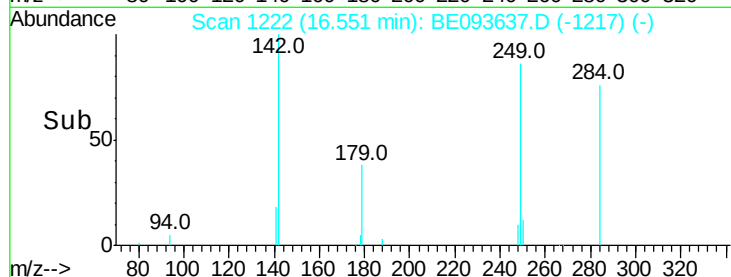
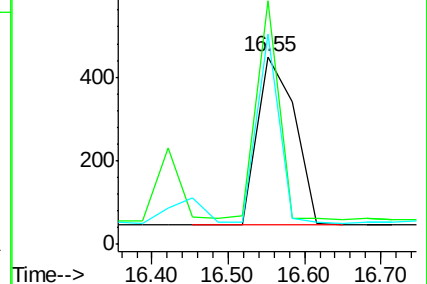
249 67.3 0.0 0.0#



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: 0.558 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

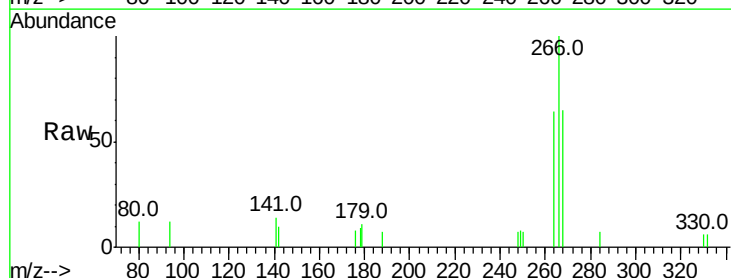
Tgt Ion:266 Resp: 1477

Ion Ratio Lower Upper

266 100

264 64.4 56.0 84.0

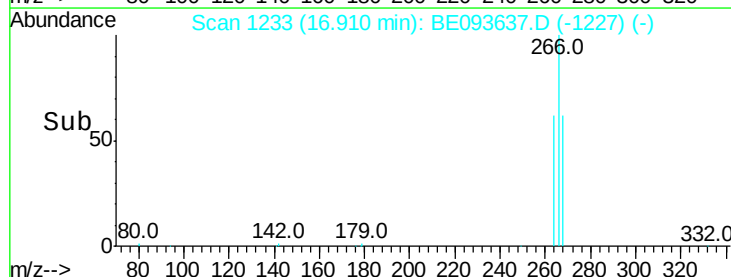
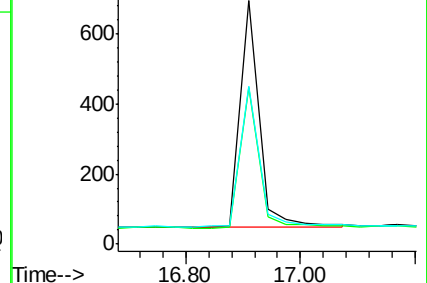
268 64.9 52.0 78.0

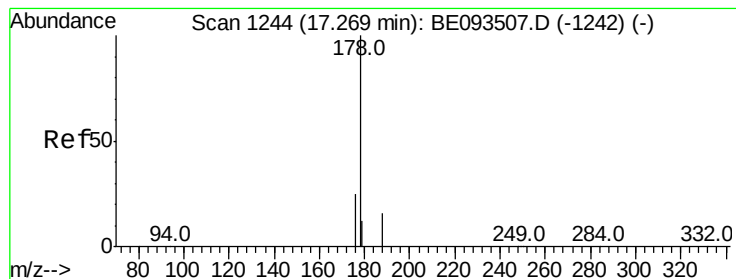


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.276 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

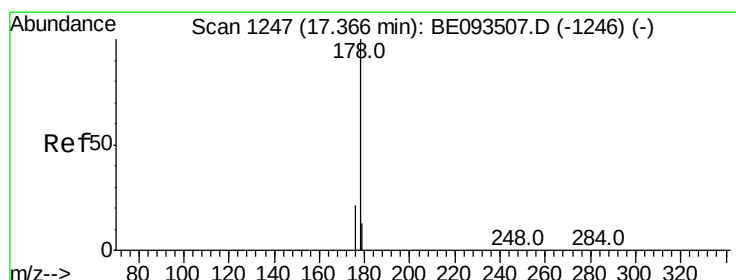
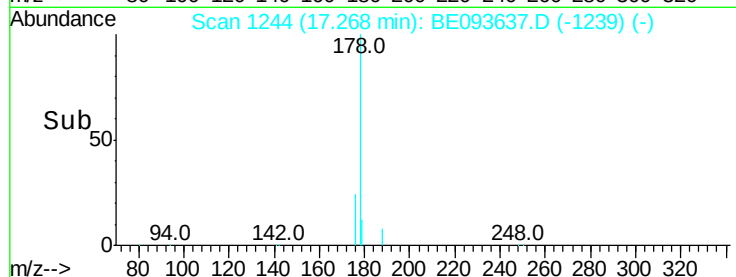
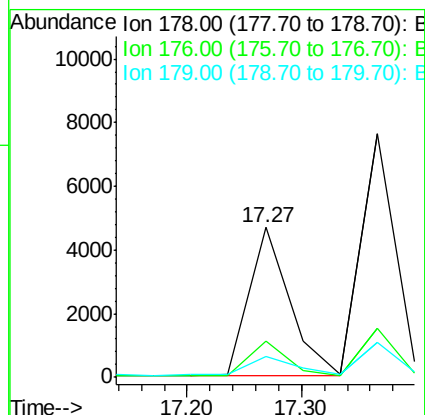
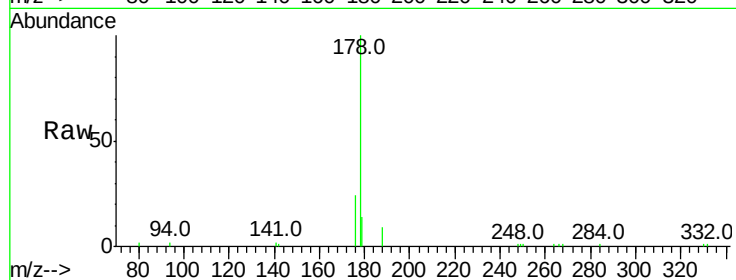
Tot Ion:178 Resp: 11281

Ion Ratio Lower Upper

178 100

176 21.5 15.0 22.4

179 0.0 12.7 19.1#



#24

Anthracene

Concen: 0.279 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

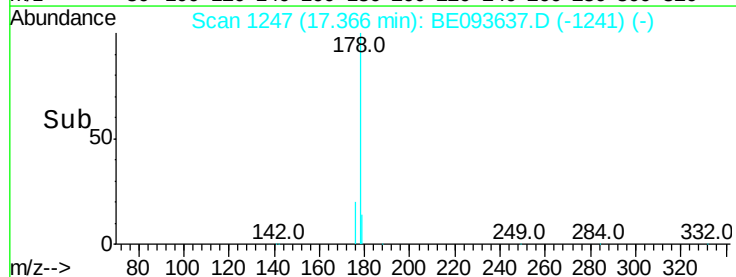
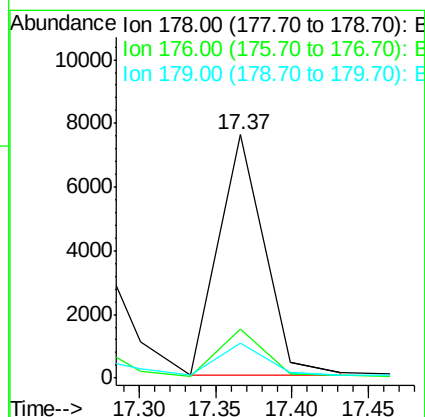
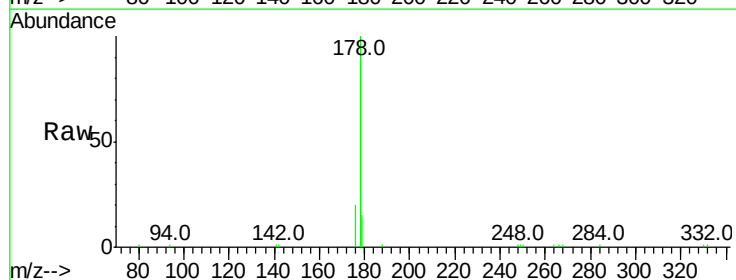
Tgt Ion:178 Resp: 15589

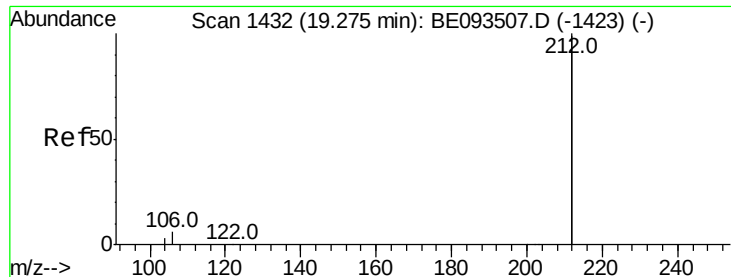
Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

179 24.0 12.0 18.0#





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

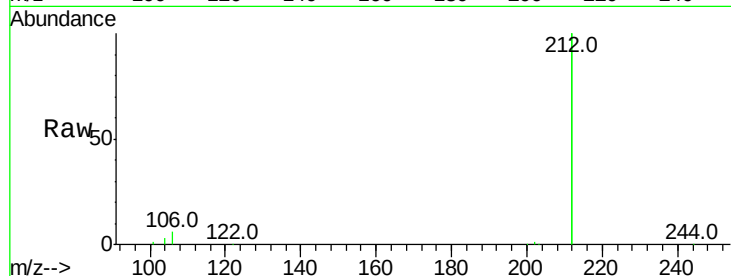
Tot Ion:212 Resp: 57578

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

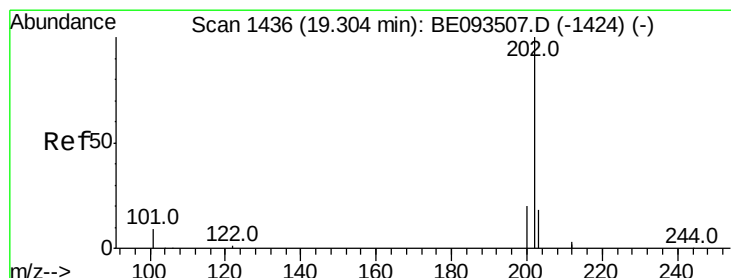
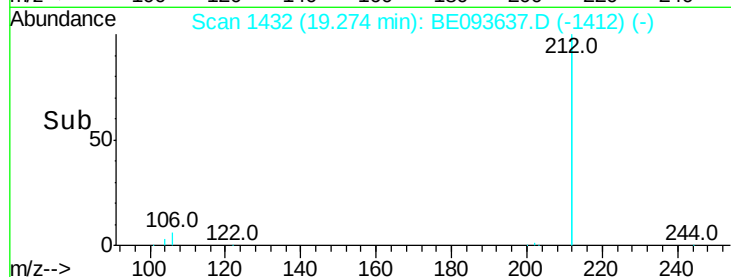
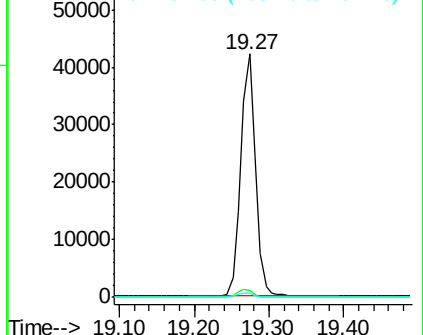
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.257 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

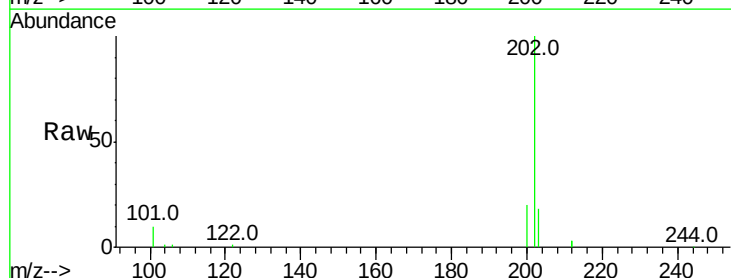
Tgt Ion:202 Resp: 16706

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

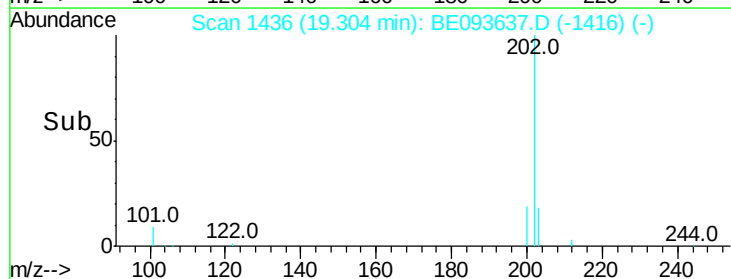
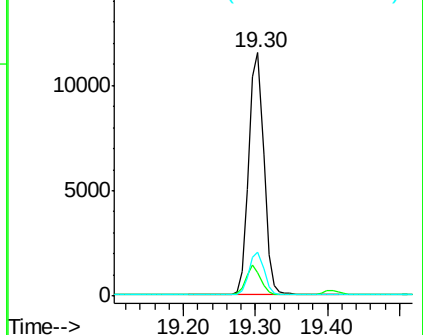
203 17.1 14.4 21.6

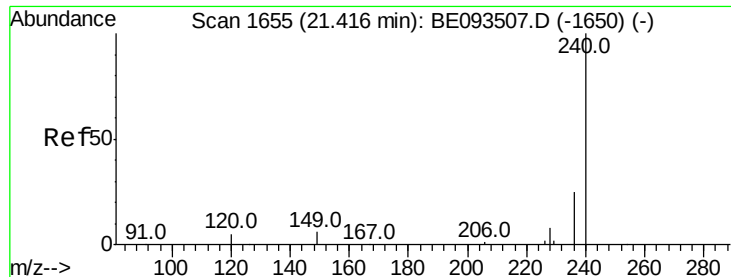


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

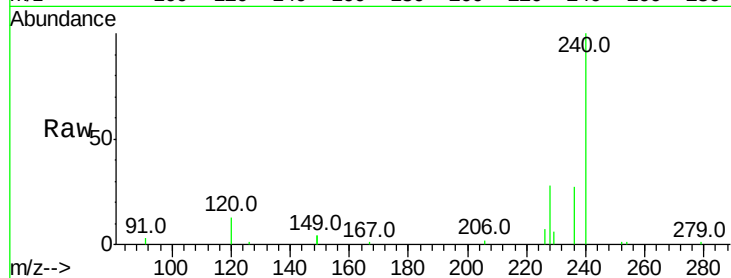
Tot Ion:240 Resp: 17650

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

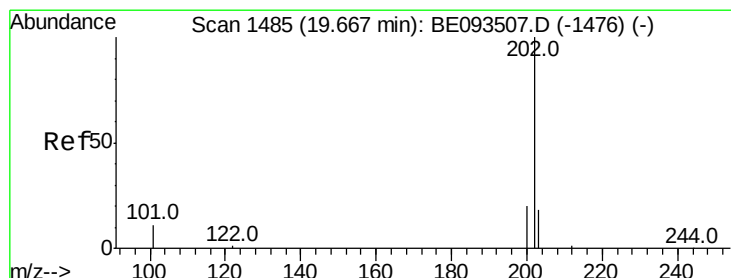
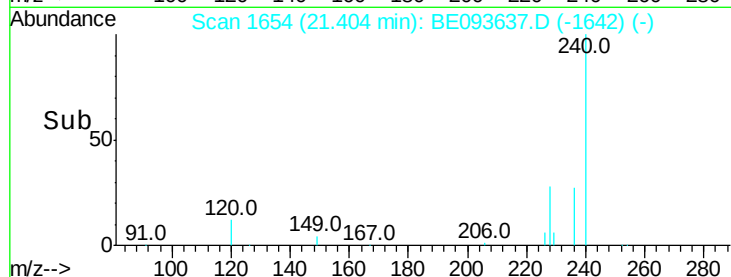
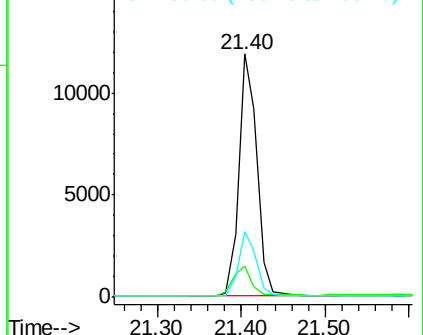
236 27.0 20.8 31.2



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: 0.299 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

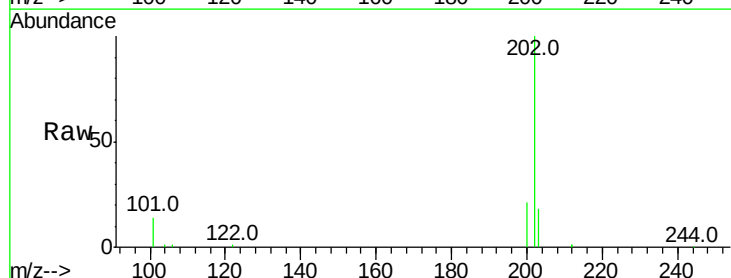
Tgt Ion:202 Resp: 17040

Ion Ratio Lower Upper

202 100

200 20.5 0.0 0.0#

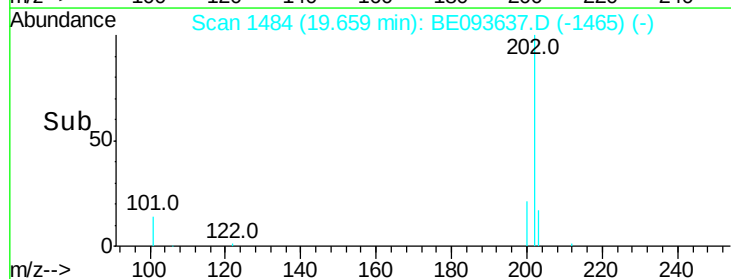
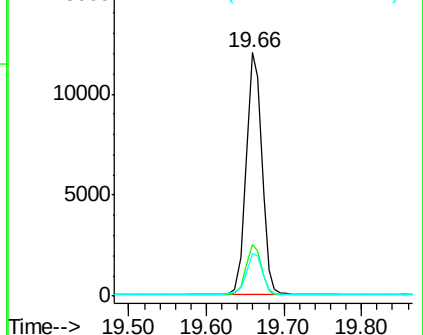
203 17.8 13.7 20.5

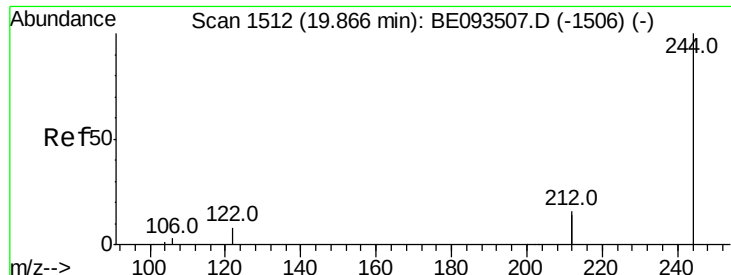


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

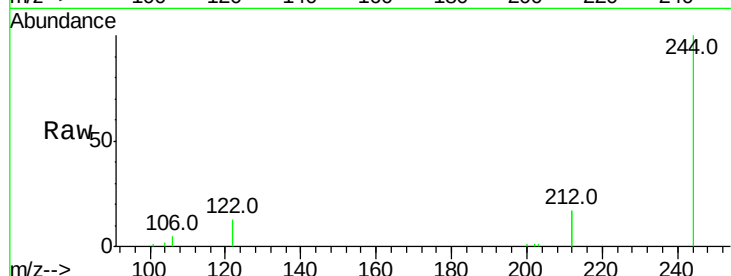
Tot Ion:244 Resp: 13802

Ion Ratio Lower Upper

244 100

212 34.2 10.6 16.0#

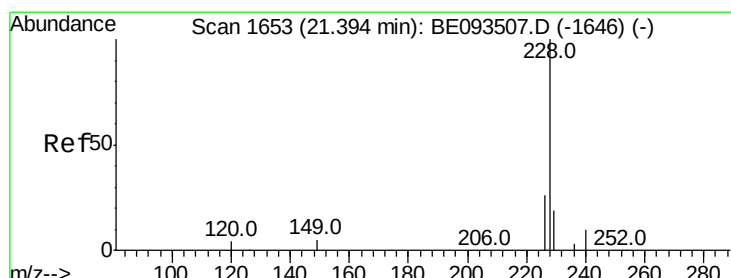
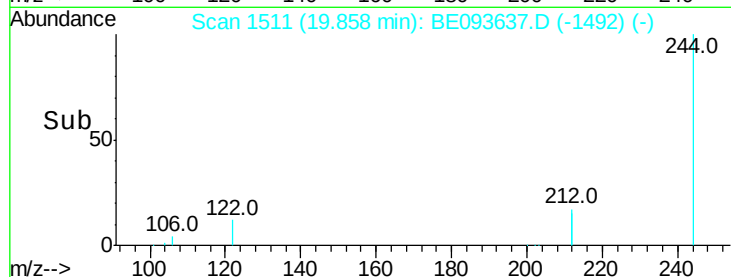
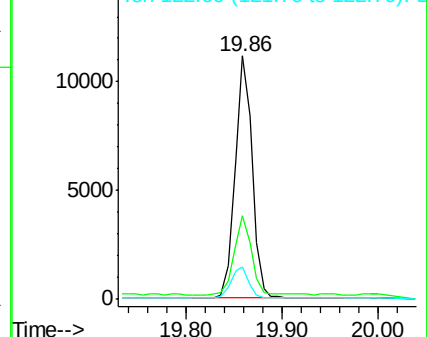
122 13.1 15.4 23.0#



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: 0.305 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

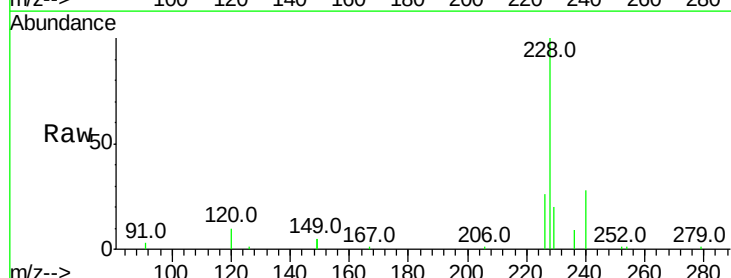
Tgt Ion:228 Resp: 15811

Ion Ratio Lower Upper

228 100

226 25.6 19.7 29.5

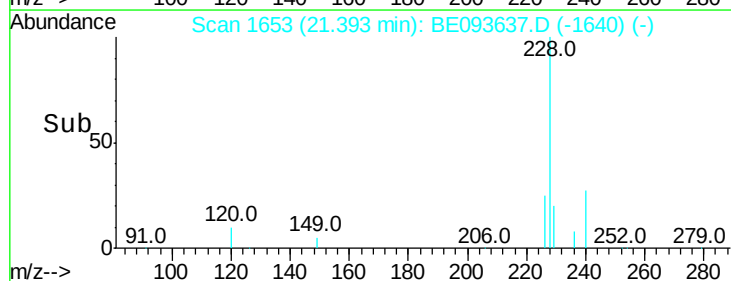
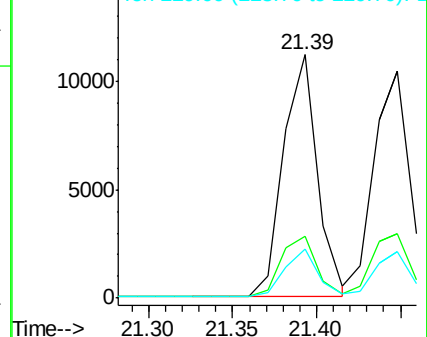
229 20.1 19.2 28.8

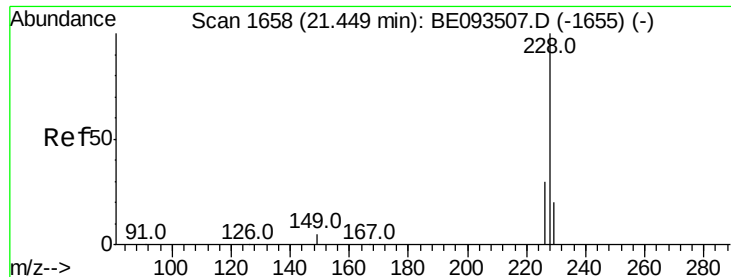


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.274 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

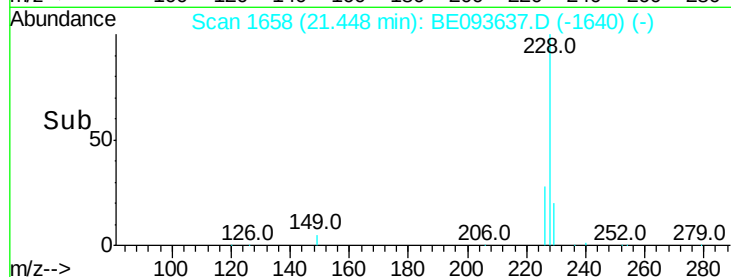
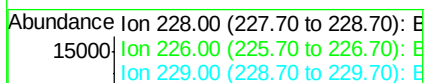
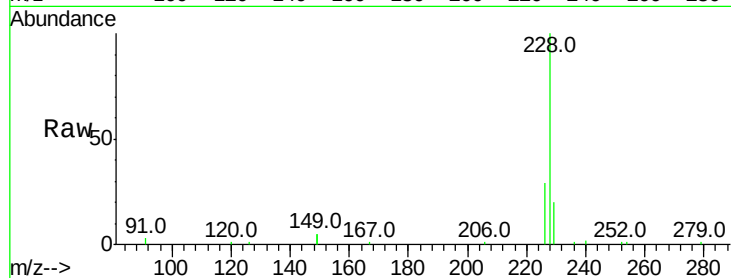
BNA_E

ClientSampleId :

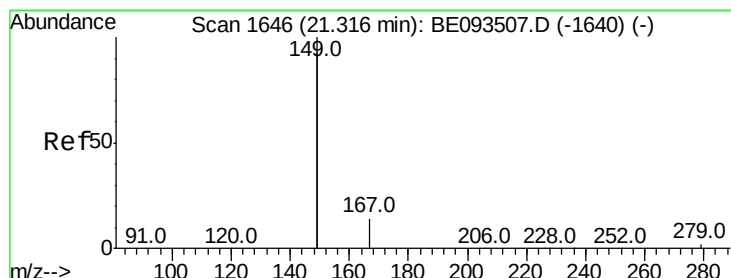
CSMW-100-0717MS

Tot Ion:228 Resp: 15862

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	20.4	18.6	28.0



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.497 ng

RT: 21.30 min Scan# 1645

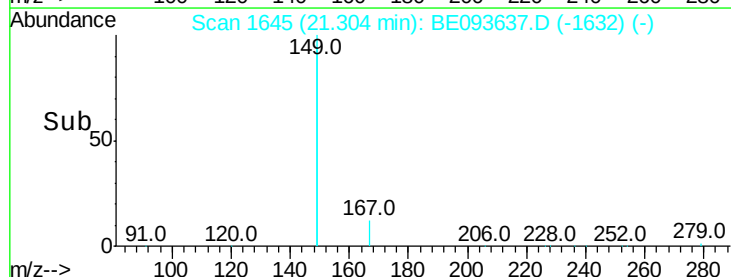
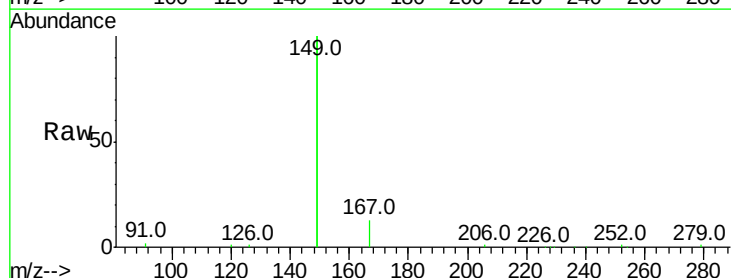
Delta R.T. -0.01 min

Lab File: BE093637.D

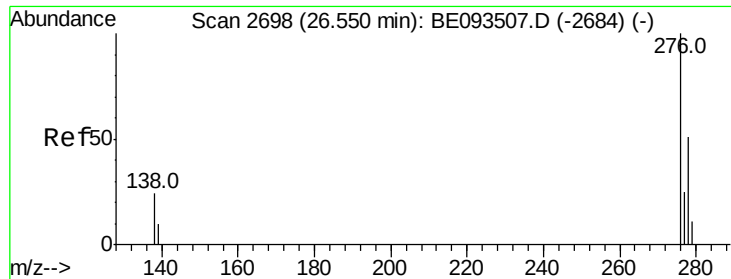
Acq: 2 Aug 2017 21:48

Tgt Ion:149 Resp: 35153

Ion	Ratio	Lower	Upper
149	100		
167	6.5	4.8	7.2
279	0.9	0.8	1.2



Time-->



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.285 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

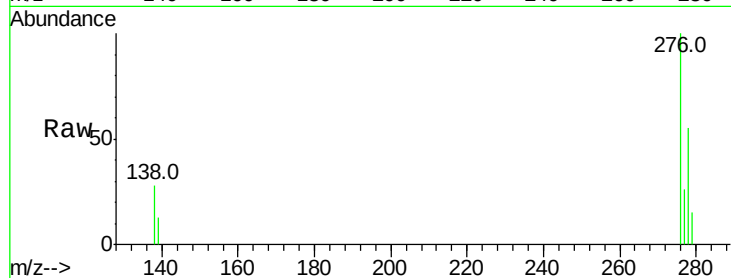
Tot Ion:276 Resp: 14931

Ion Ratio Lower Upper

276 100

138 27.9 27.4 41.2

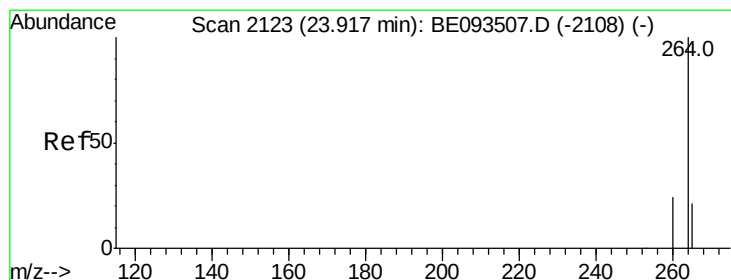
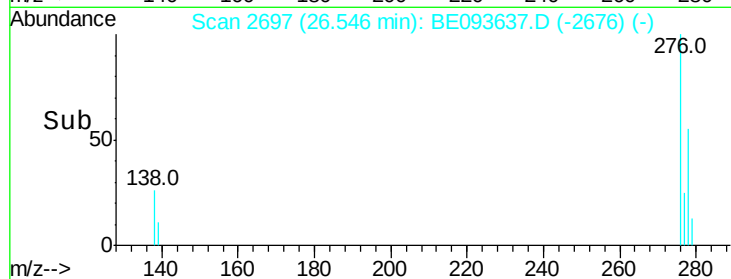
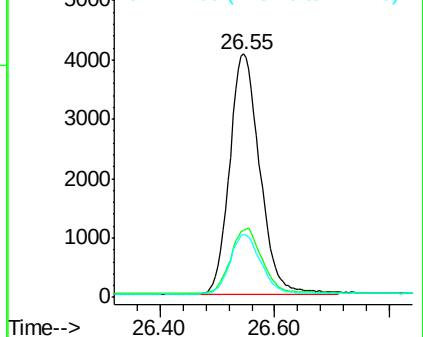
277 25.0 20.1 30.1



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: 23.91 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

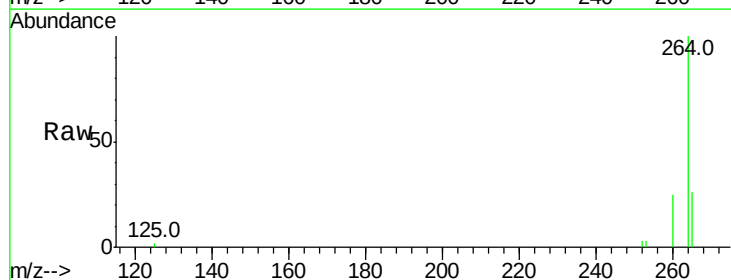
Tgt Ion:264 Resp: 15056

Ion Ratio Lower Upper

264 100

260 25.4 21.0 31.4

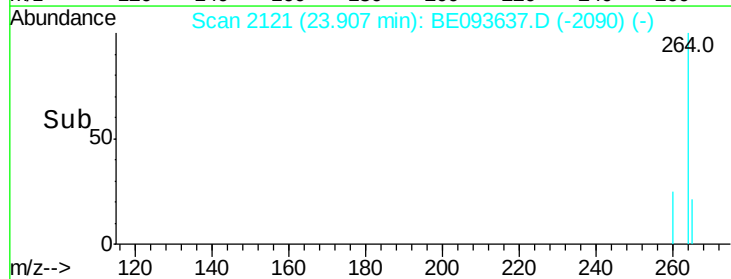
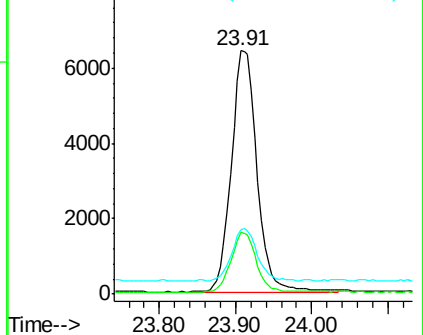
265 26.3 24.6 36.8

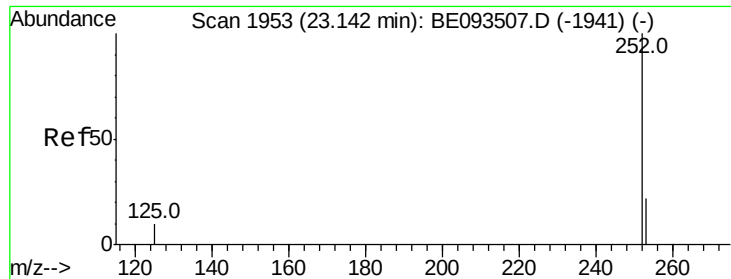


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.278 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

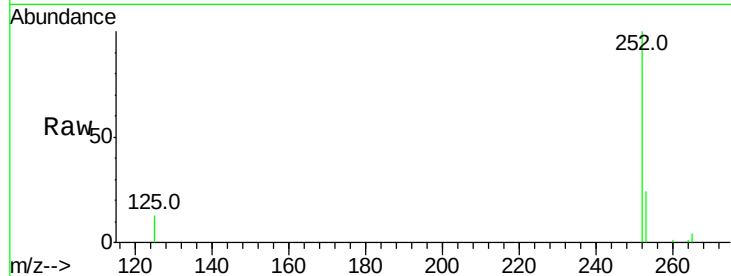
Tot Ion:252 Resp: 14950

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

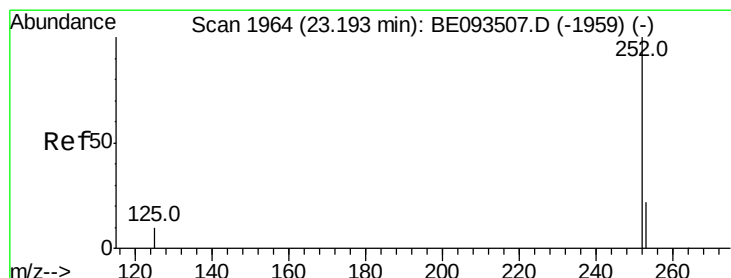
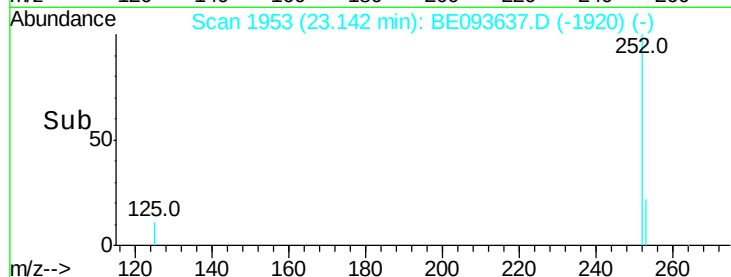
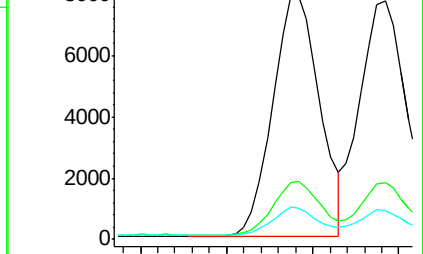
125 12.5 13.4 20.0#



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: 0.272 ng

RT: 23.14 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

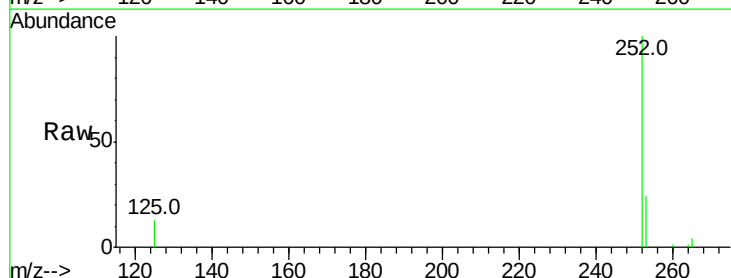
Tgt Ion:252 Resp: 14950

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

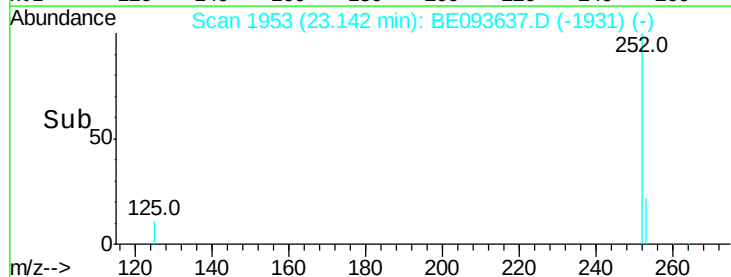
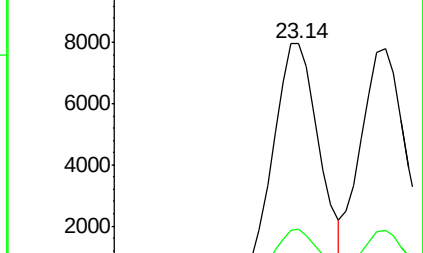
125 12.5 12.2 18.4

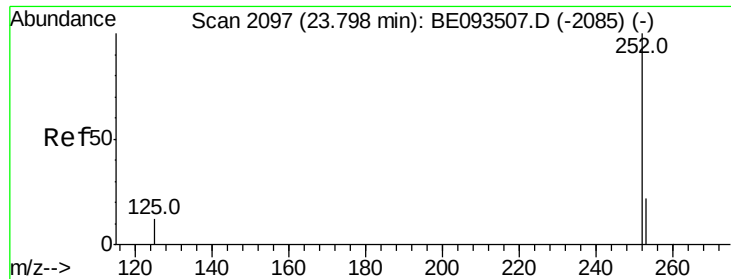


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.276 ng

RT: 23.80 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS

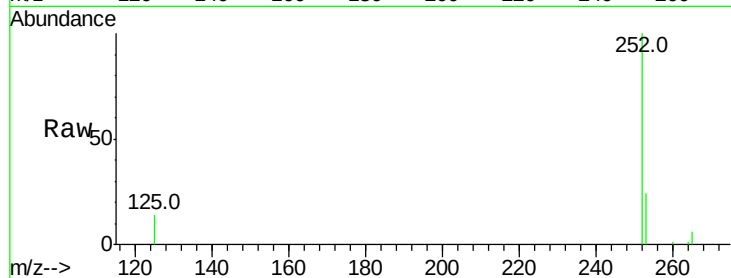
Tot Ion:252 Resp: 13434

Ion Ratio Lower Upper

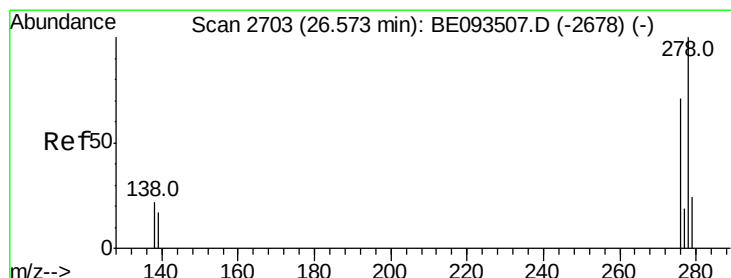
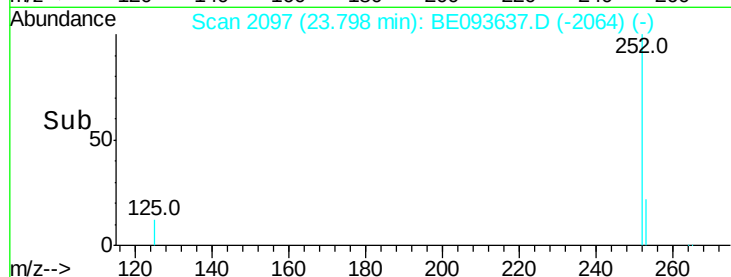
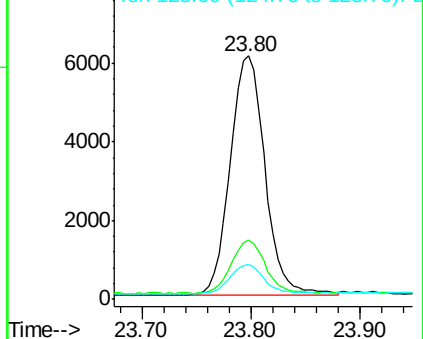
252 100

253 24.1 19.9 29.9

125 14.3 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: 0.266 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093637.D

Acq: 2 Aug 2017 21:48

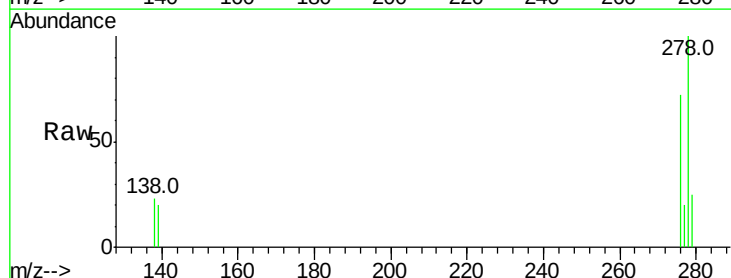
Tgt Ion:278 Resp: 12490

Ion Ratio Lower Upper

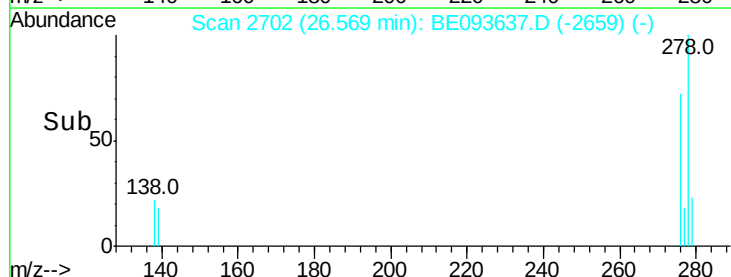
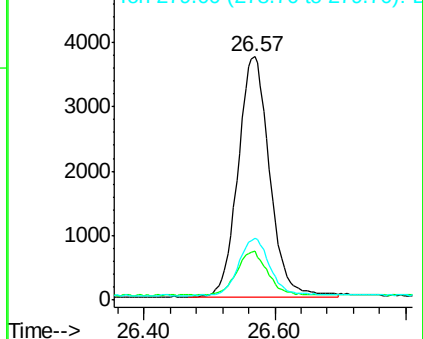
278 100

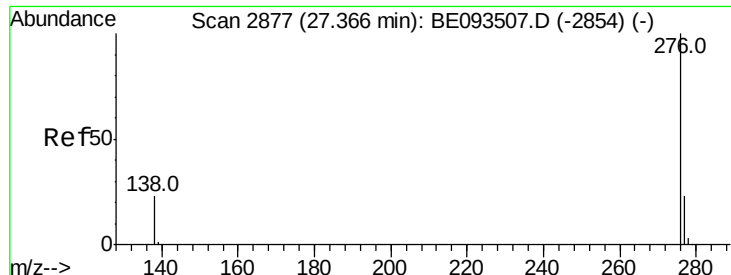
139 20.0 21.4 32.0#

279 25.2 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(a,h,i)perylene

Concen: 0.269 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093637.D

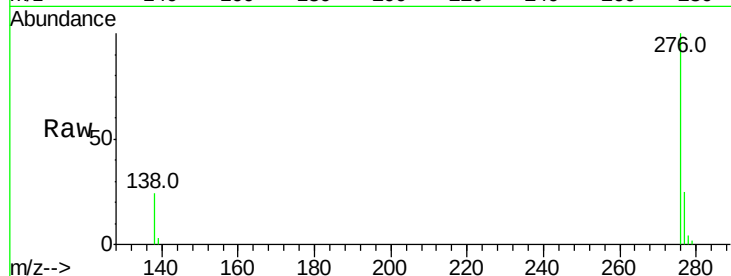
Acq: 2 Aug 2017 21:48

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717MS



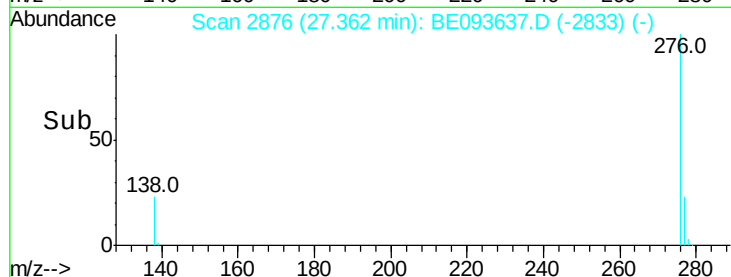
Tot Ion:276 Resp: 12795

Ion Ratio Lower Upper

276 100

277 24.6 21.2 31.8

138 24.3 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

