

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093644.D
 Acq On : 3 Aug 2017 2:05
 Operator : SJ/JU
 Sample : I4425-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2MS

Quant Time: Aug 03 02:50:37 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	2112	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	9939	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5316	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16754	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18796	0.40	ng	-0.01
34) Perylene-d12	23.91	264	16560	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	2110	0.34	ng	0.00
5) Phenol-d6	7.09	99	3044	0.32	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2297	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3936	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	413	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5696	0.27	ng	-0.01
25) Fluoranthene-d10	19.27	212	50757	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	8611	0.26	ng	0.00

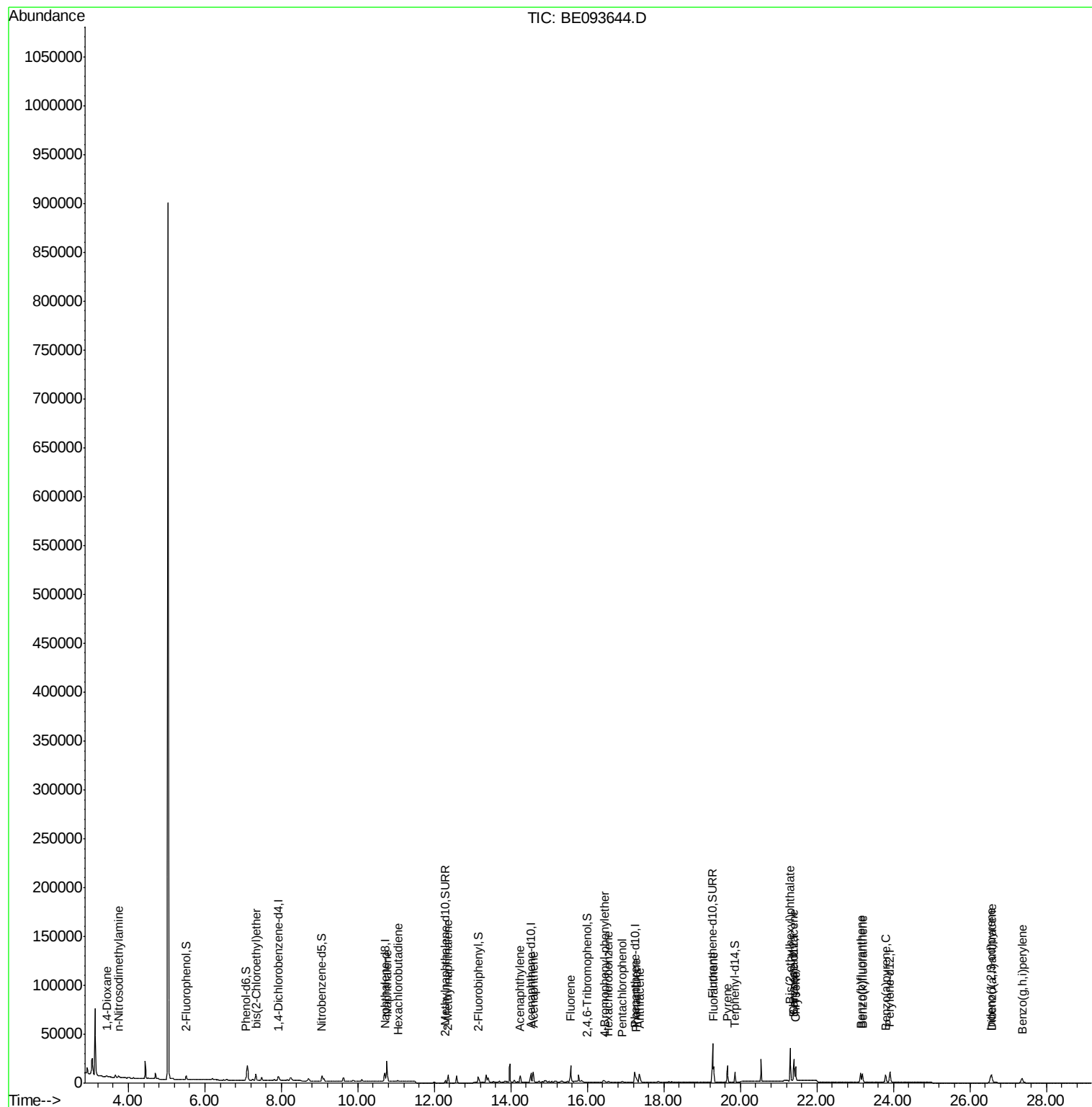
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	931	0.272	ng	# 59
3) n-Nitrosodimethylamine	3.74	42	968	0.302	ng	# 84
6) bis(2-Chloroethyl)ether	7.34	93	2369	0.297	ng	# 98
9) Naphthalene	10.76	128	31931	0.278	ng	99
10) Hexachlorobutadiene	11.04	225	1052	0.247	ng	99
12) 2-Methylnaphthalene	12.36	142	5930	0.312	ng	98
16) Acenaphthylene	14.24	152	7265	0.286	ng	# 86
17) Acenaphthene	14.59	154	4970	0.277	ng	99
18) Fluorene	15.56	166	6921	0.289	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	1201	0.187	ng	# 89
21) Hexachlorobenzene	16.55	284	1031	0.173	ng	# 100
22) Pentachlorophenol	16.91	266	428	0.281	ng	98
23) Phenanthrene	17.27	178	10075	0.273	ng	# 80
24) Anthracene	17.37	178	13518	0.268	ng	# 88
26) Fluoranthene	19.30	202	15540	0.265	ng	98
28) Pyrene	19.66	202	15892	0.262	ng	# 98
30) Benzo(a)anthracene	21.39	228	14401	0.261	ng	95
31) Chrysene	21.45	228	14209	0.231	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	35567	0.472	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	11975	0.215	ng	94
35) Benzo(b)fluoranthene	23.14	252	13368	0.226	ng	# 95
36) Benzo(k)fluoranthene	23.19	252	12317	0.204	ng	95
37) Benzo(a)pyrene	23.80	252	11846	0.221	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	9958	0.193	ng	# 91
39) Benzo(g,h,i)perylene	27.36	276	10021	0.191	ng	94

(#) = 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: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

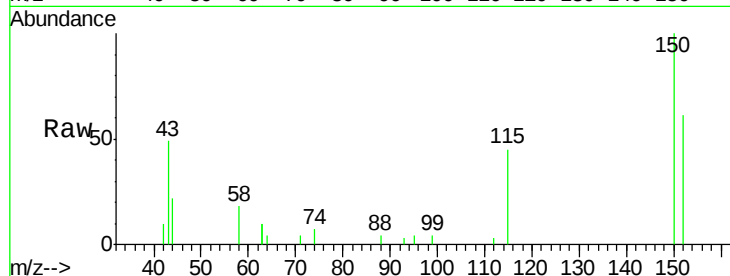
Tgt Ion:152 Resp: 2112

Ion Ratio Lower Upper

152 100

150 164.5 125.1 187.7

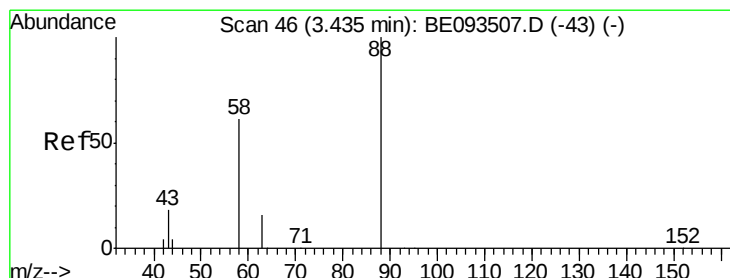
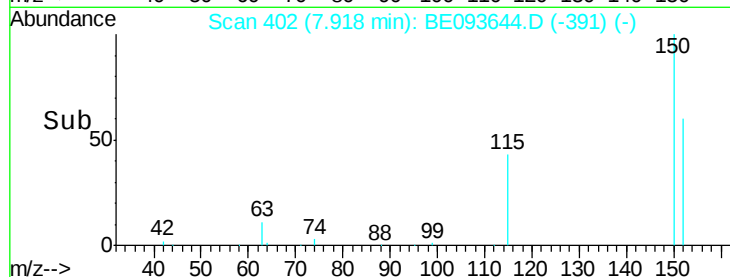
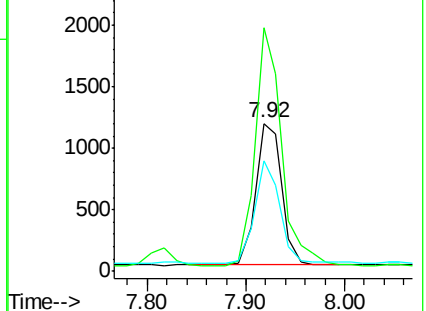
115 74.3 55.7 83.5



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: 0.272 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

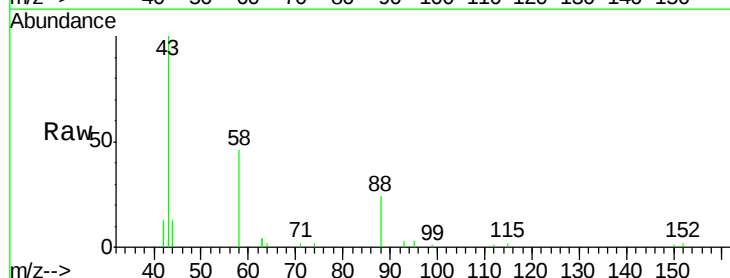
Tgt Ion: 88 Resp: 931

Ion Ratio Lower Upper

88 100

58 108.9 62.2 93.4#

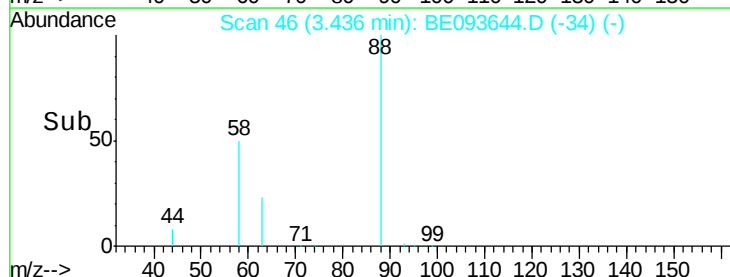
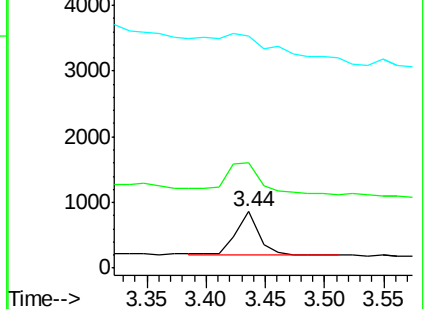
43 0.0 23.2 34.8#

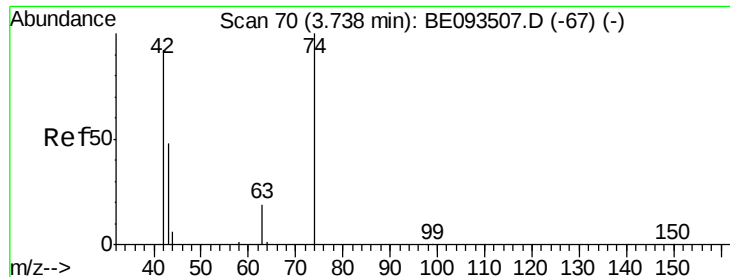


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.302 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

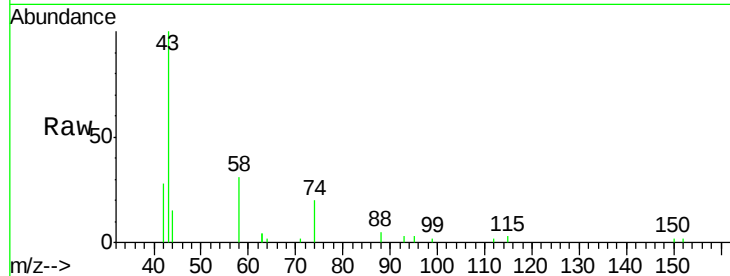
Tgt Ion: 42 Resp: 968

Ion Ratio Lower Upper

42 100

74 141.3 99.1 148.7

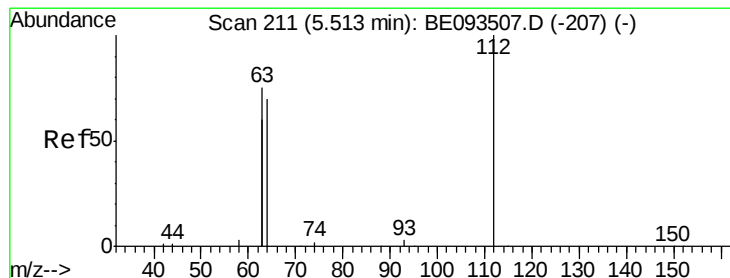
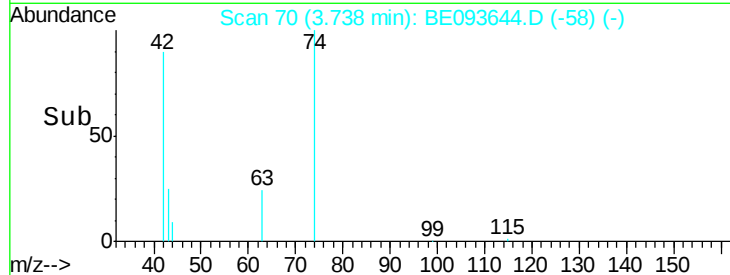
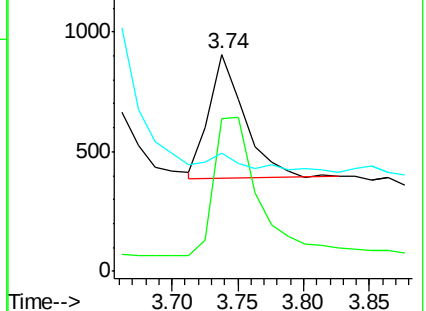
44 0.0 7.4 11.2#



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: 0.335 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

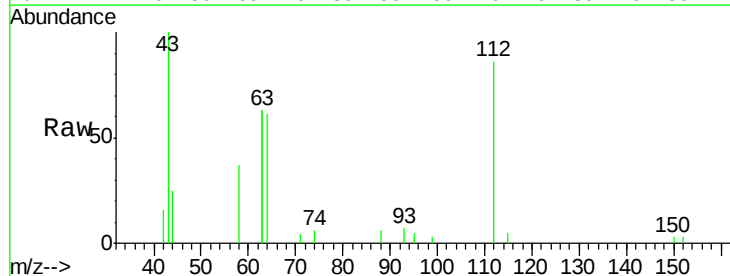
Tgt Ion: 112 Resp: 2110

Ion Ratio Lower Upper

112 100

64 70.7 56.4 84.6

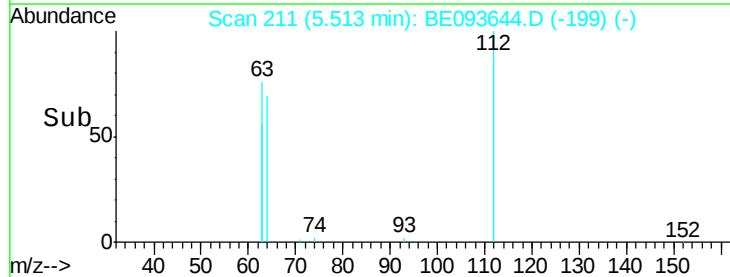
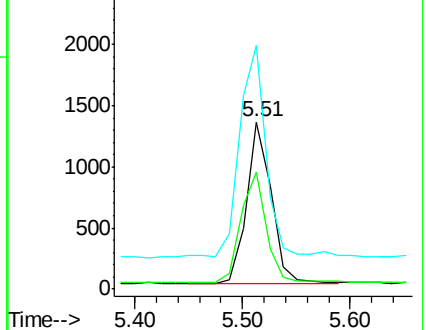
63 143.0 29.3 43.9#

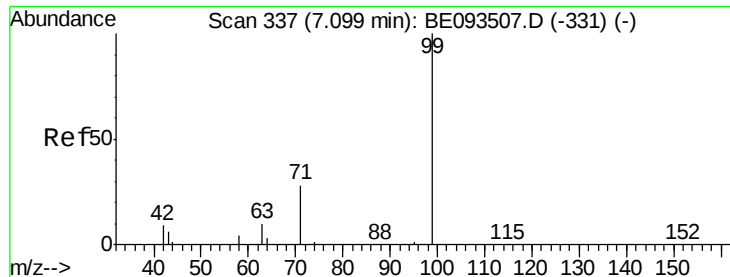


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.321 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

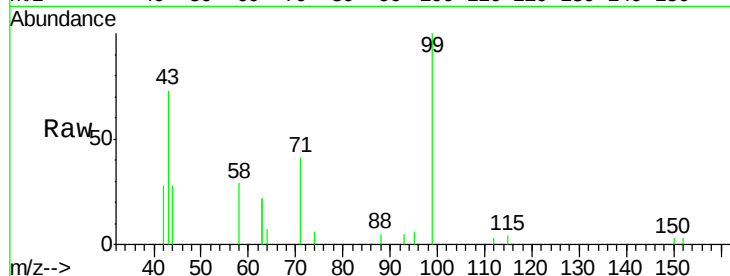
Tgt Ion: 99 Resp: 3044

Ion Ratio Lower Upper

99 100

42 36.5 0.0 0.0#

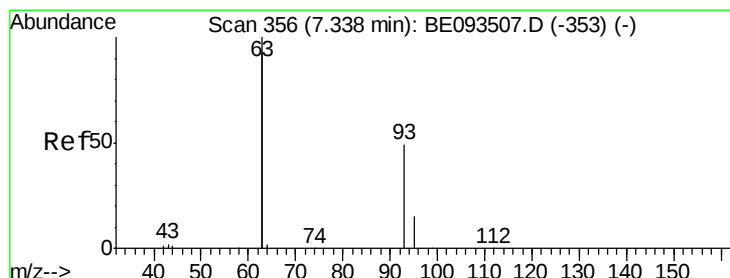
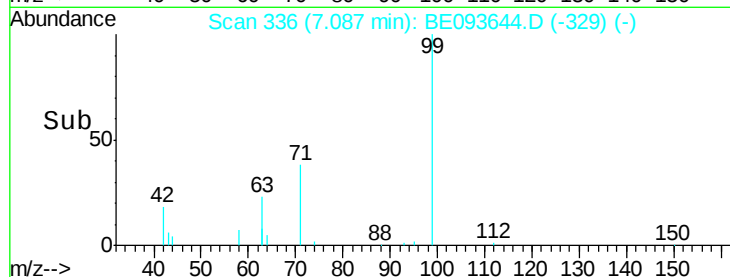
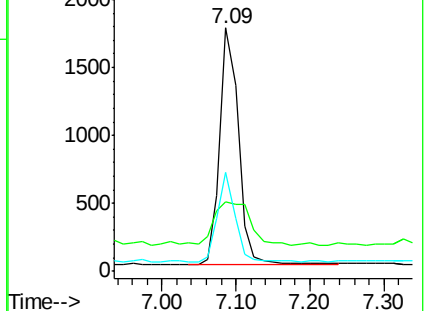
71 35.3 0.0 0.0#



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: 0.297 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

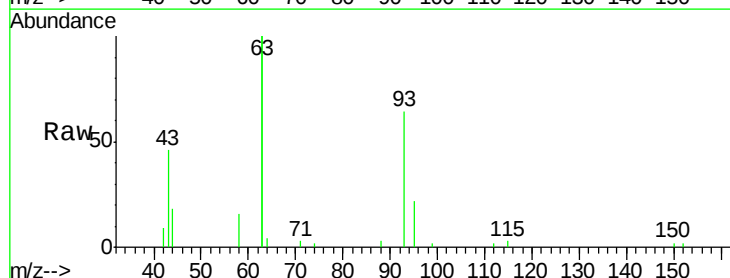
Tgt Ion: 93 Resp: 2369

Ion Ratio Lower Upper

93 100

63 343.7 0.0 0.0#

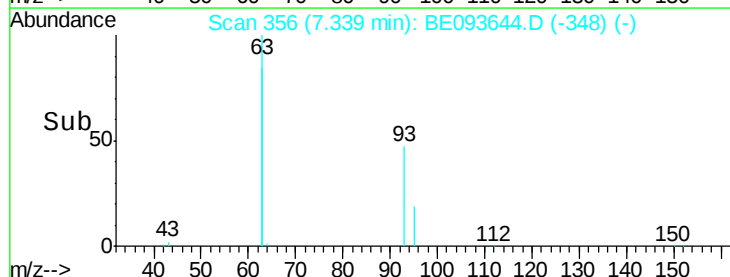
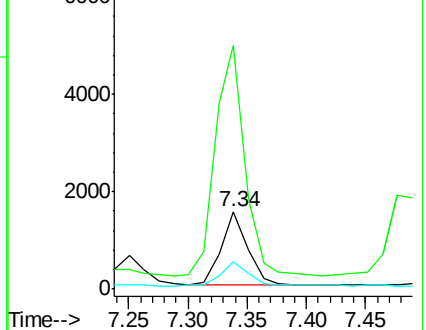
95 32.9 25.4 38.0

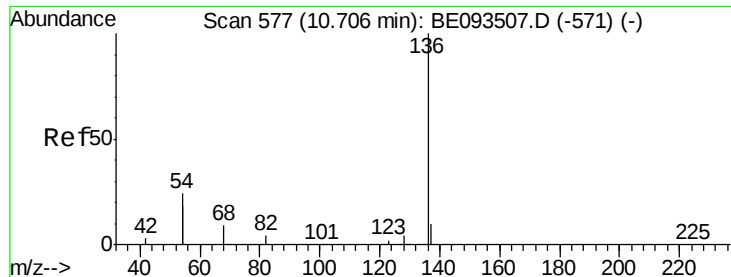


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

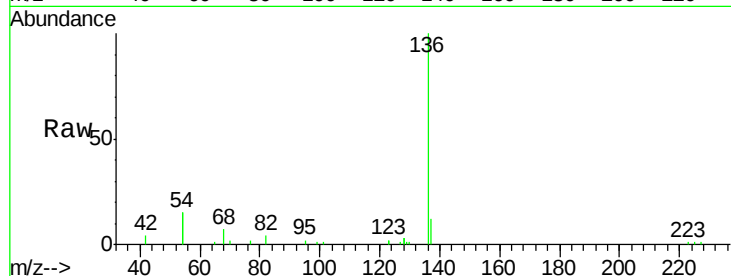
Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

Tgt Ion:	136	Resp:	9939
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	29.9	10.3	15.5#
68	6.7	9.0	13.4#

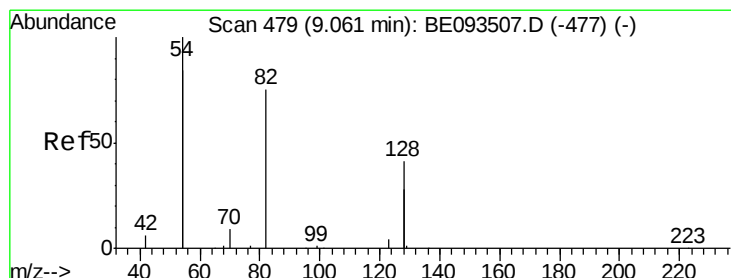
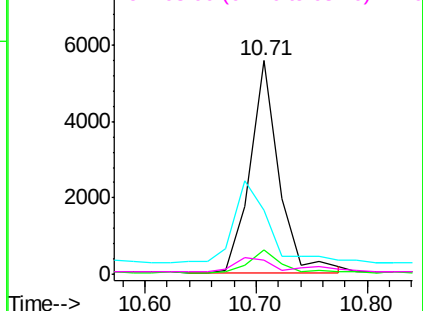
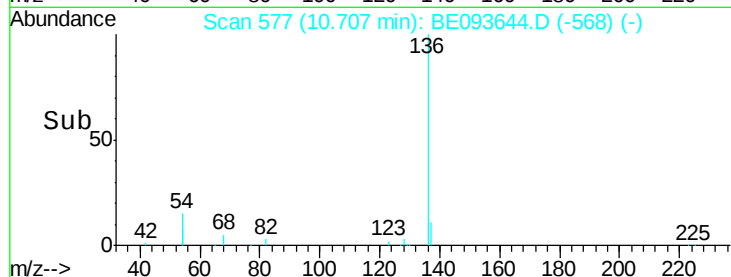


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.303 ng

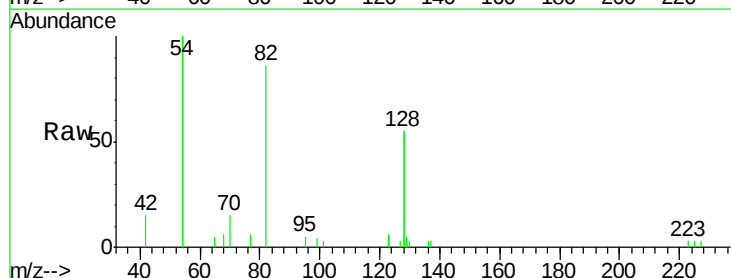
RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

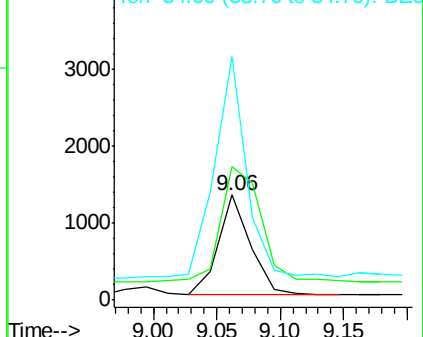
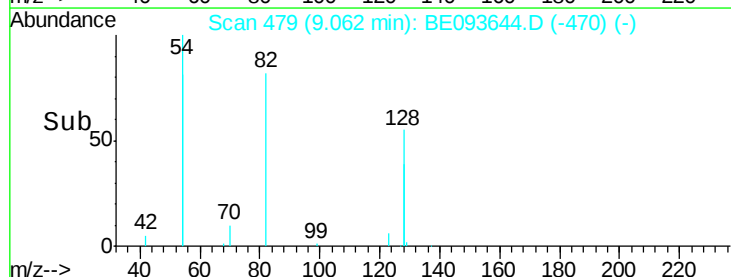
Tgt Ion:	82	Resp:	2297
Ion	Ratio	Lower	Upper
82	100		
128	126.6	17.0	25.4#
54	231.4	53.8	80.6#

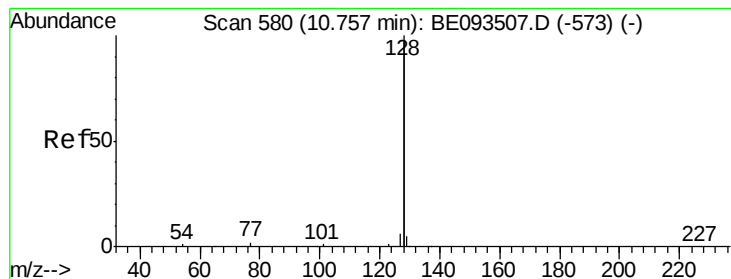


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.278 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

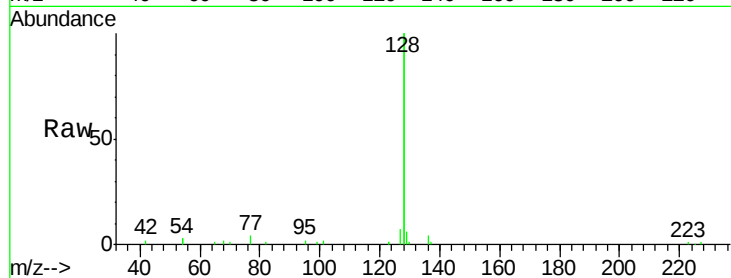
Tgt Ion:128 Resp: 31931

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

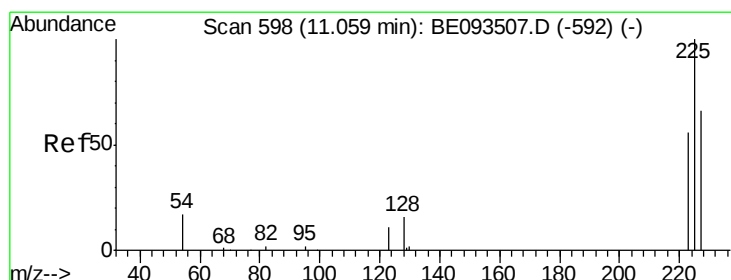
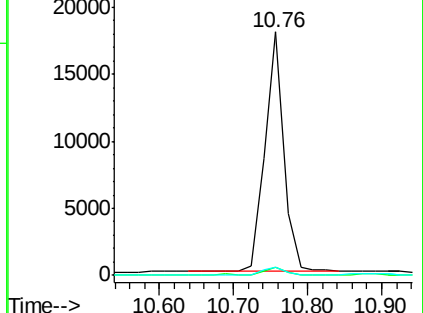
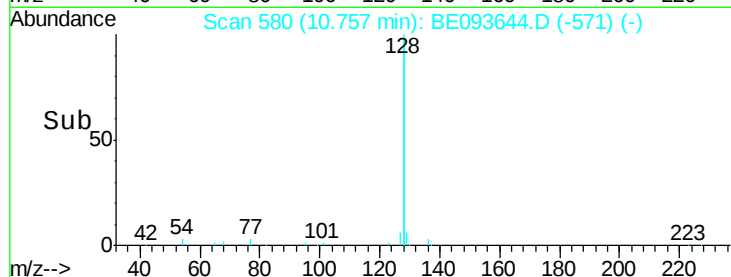
127 3.4 2.4 3.6



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: 0.247 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.02 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

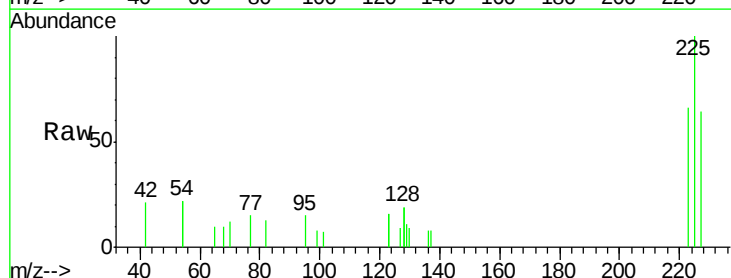
Tgt Ion:225 Resp: 1052

Ion Ratio Lower Upper

225 100

223 62.1 49.7 74.5

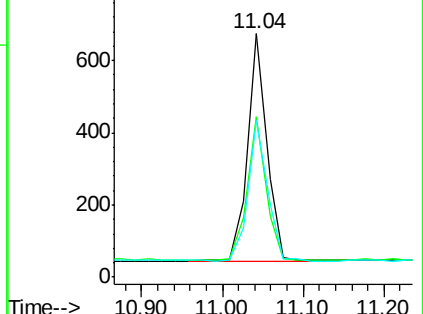
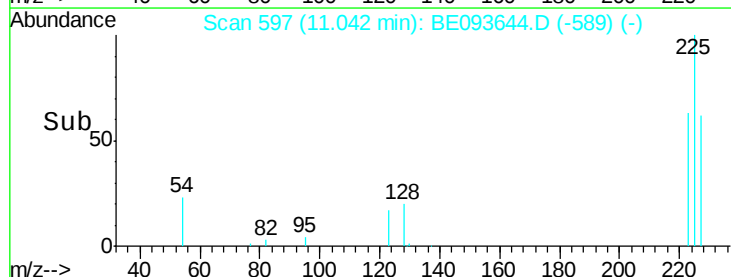
227 62.0 50.3 75.5

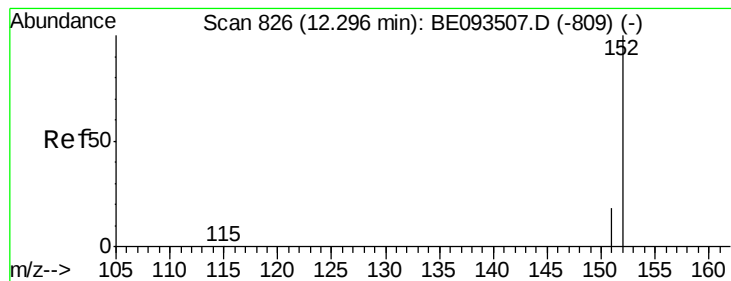


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.251 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

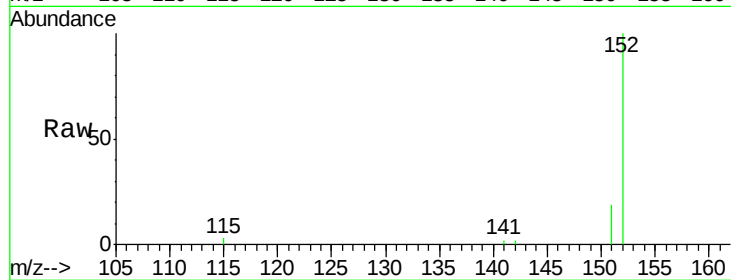
CSSB-30-2MS

Tgt Ion:152 Resp: 3936

Ion Ratio Lower Upper

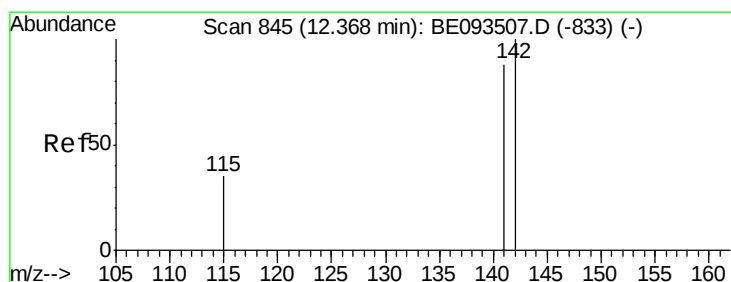
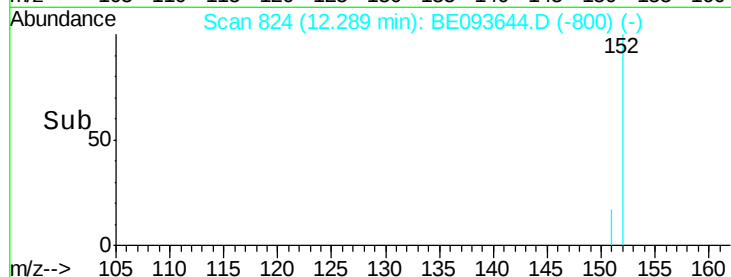
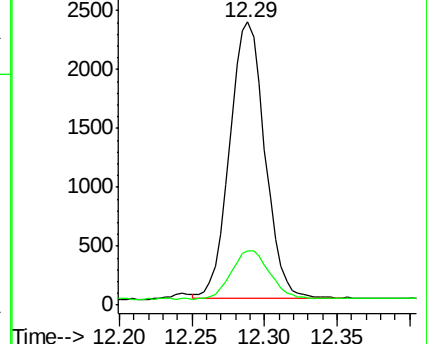
152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.312 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

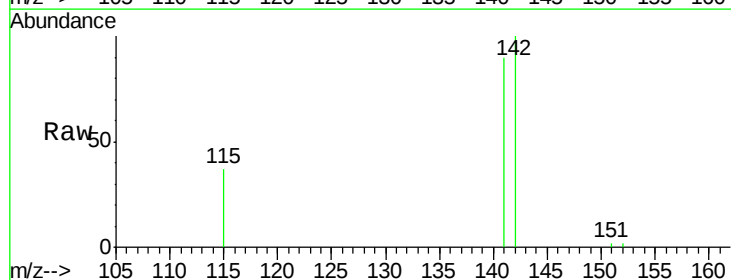
Tgt Ion:142 Resp: 5930

Ion Ratio Lower Upper

142 100

141 89.7 72.6 108.8

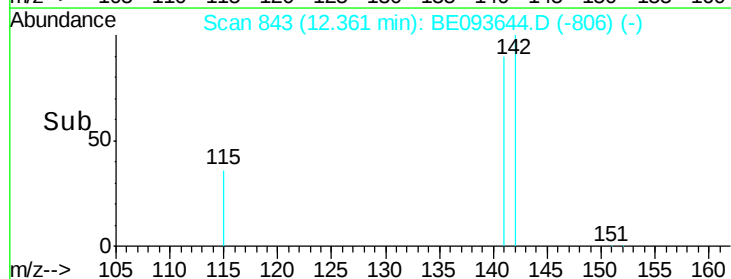
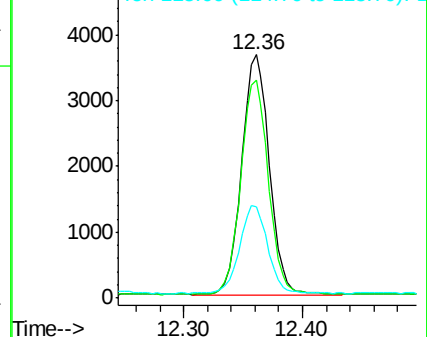
115 37.4 32.2 48.2

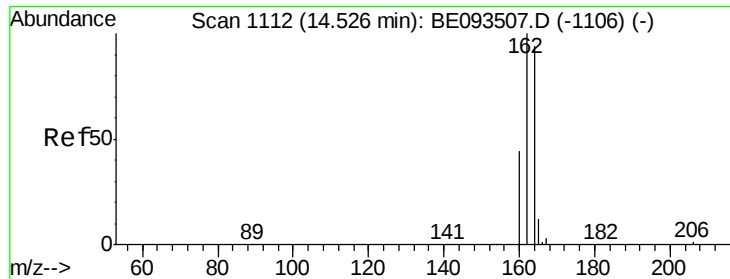


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

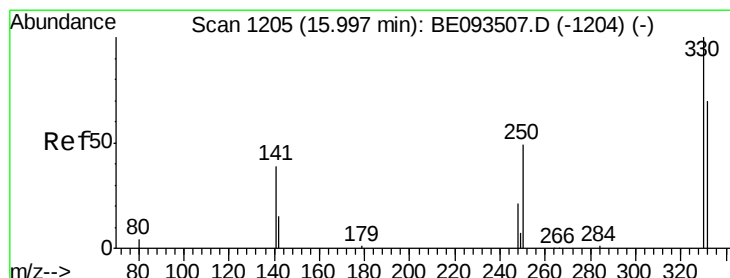
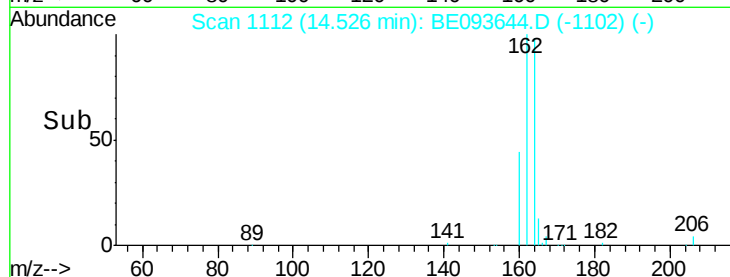
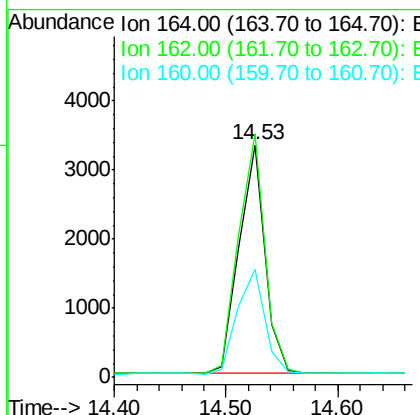
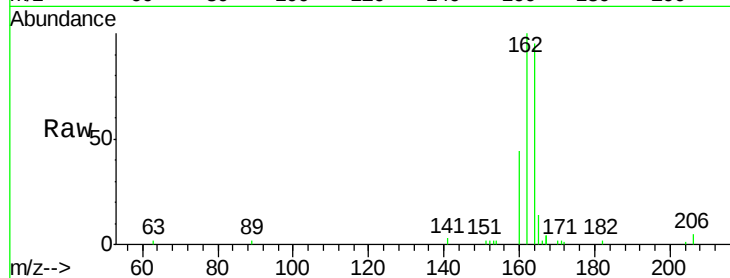




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093644.D
 Acq: 3 Aug 2017 2:05

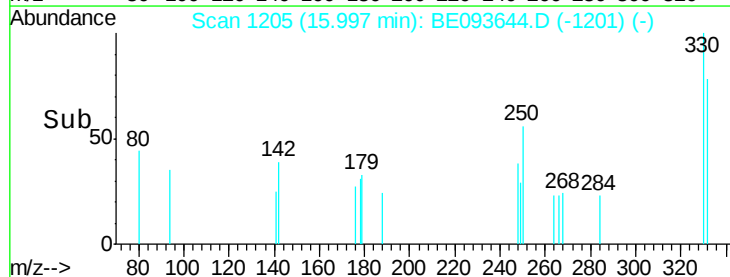
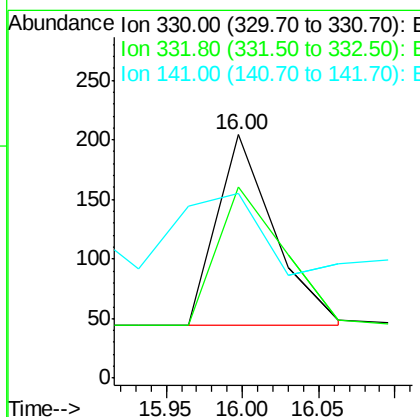
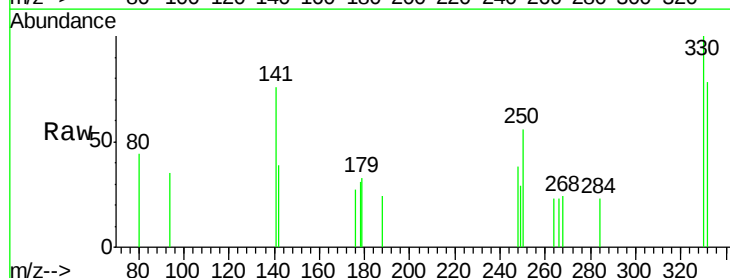
Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2MS

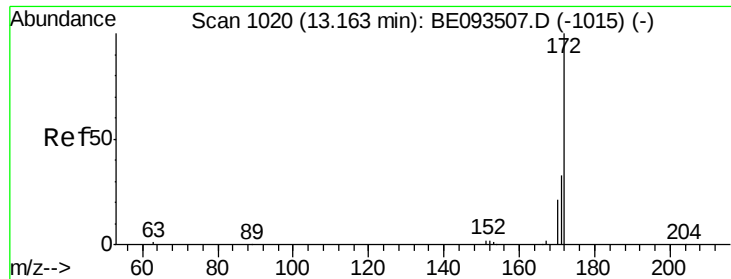
Tgt Ion:164 Resp: 5316
 Ion Ratio Lower Upper
 164 100
 162 104.9 84.6 127.0
 160 46.2 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.366 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093644.D
 Acq: 3 Aug 2017 2:05

Tgt Ion:330 Resp: 413
 Ion Ratio Lower Upper
 330 100
 332 84.3 77.7 116.5
 141 60.0 56.2 84.4

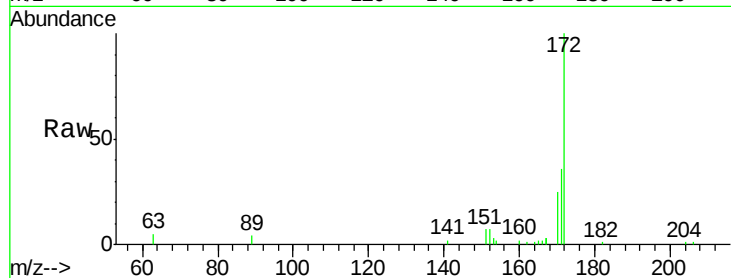




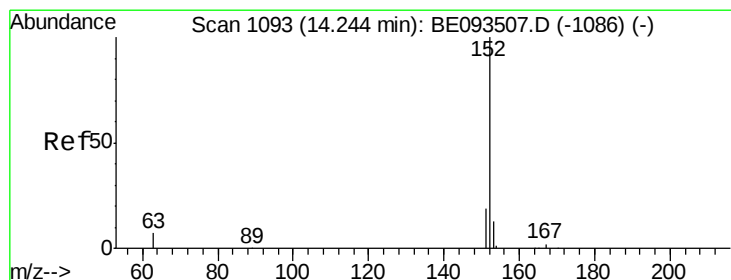
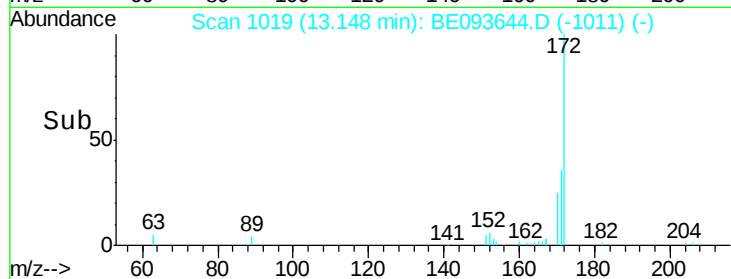
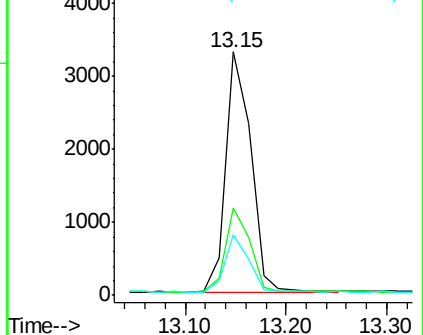
#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2MS

Tgt Ion:172 Resp: 5696
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 25.0 20.7 31.1

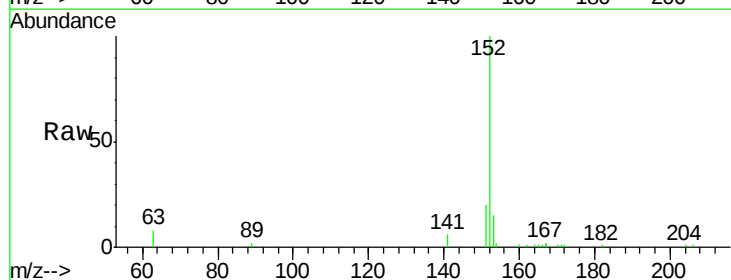


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

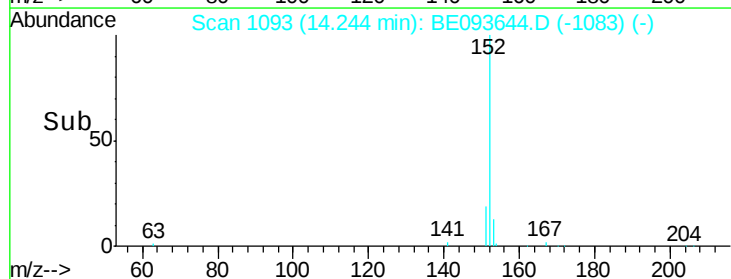
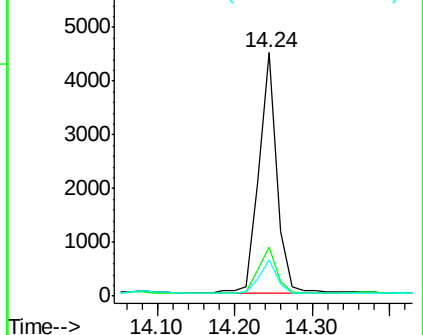


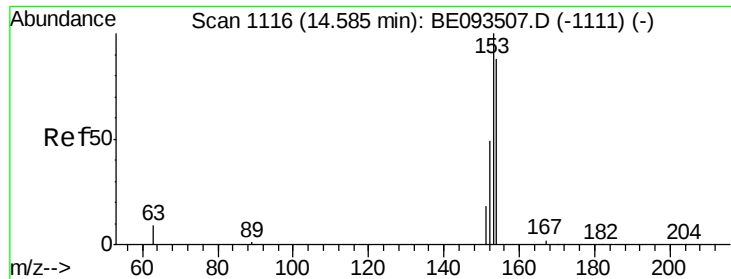
#16
Acenaphthylene
Concen: 0.286 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

Tgt Ion:152 Resp: 7265
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 13.6 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

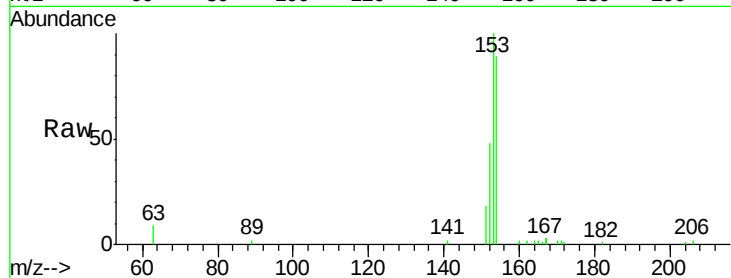




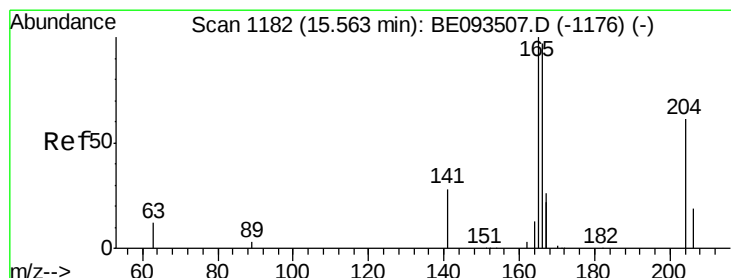
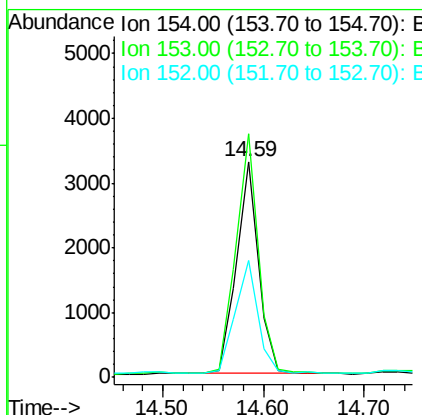
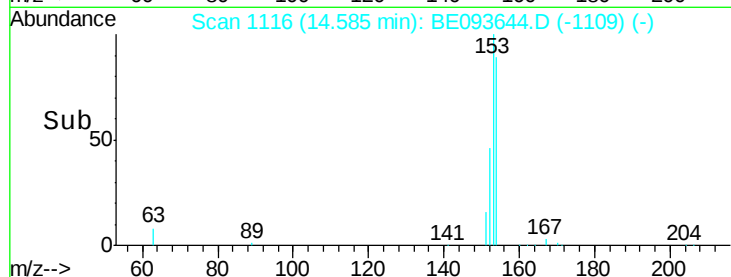
#17
Acenaphthene
Concen: 0.277 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

Instrument :
BNA_E
ClientSampleId :
CSSB-30-2MS

Tgt Ion:154 Resp: 4970
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 54.3 44.8 67.2

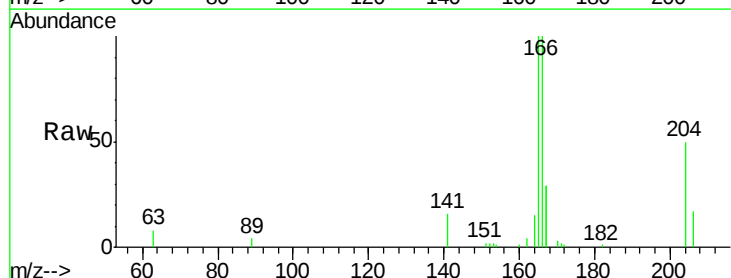


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

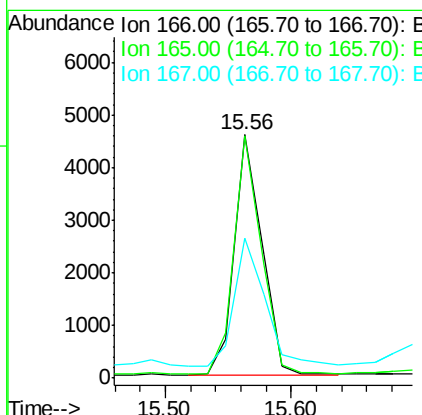
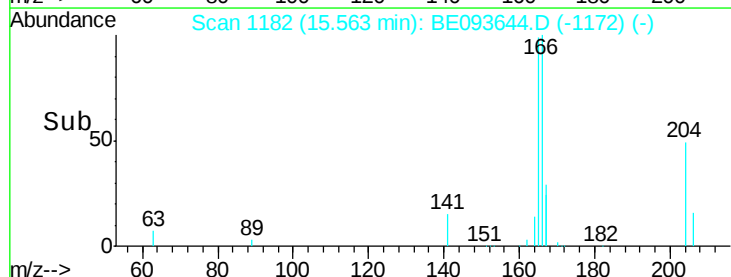


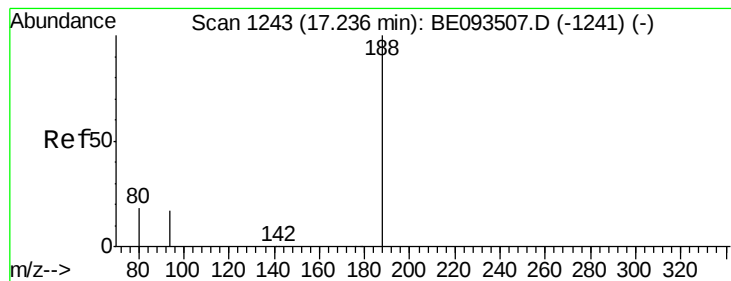
#18
Fluorene
Concen: 0.289 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

Tgt Ion:166 Resp: 6921
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 59.6 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: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

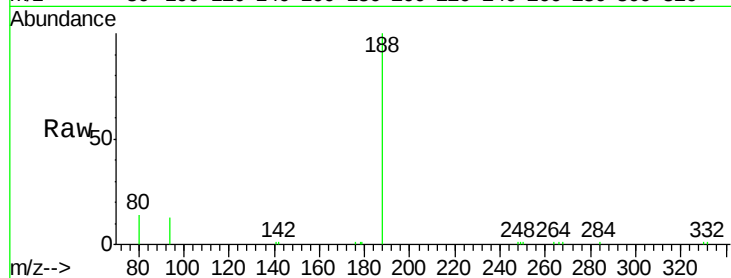
Tgt Ion:188 Resp: 16754

Ion Ratio Lower Upper

188 100

94 13.3 11.3 16.9

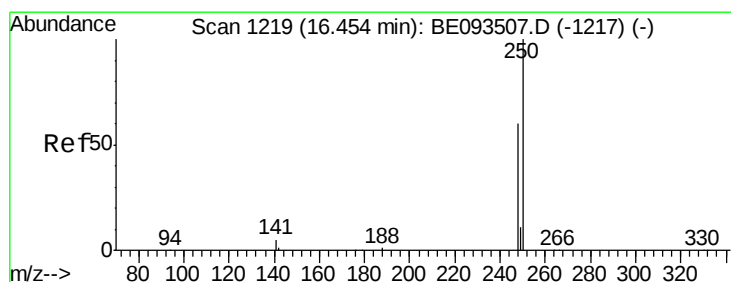
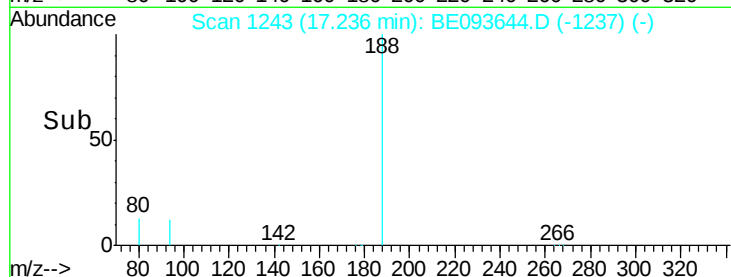
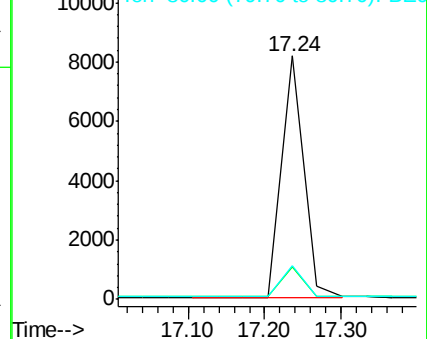
80 13.7 11.7 17.5



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: 0.187 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

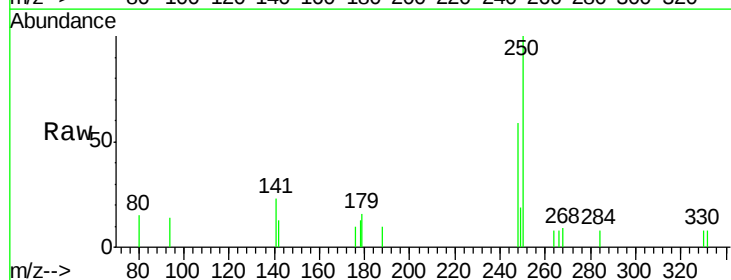
Tgt Ion:248 Resp: 1201

Ion Ratio Lower Upper

248 100

250 168.8 128.0 192.0

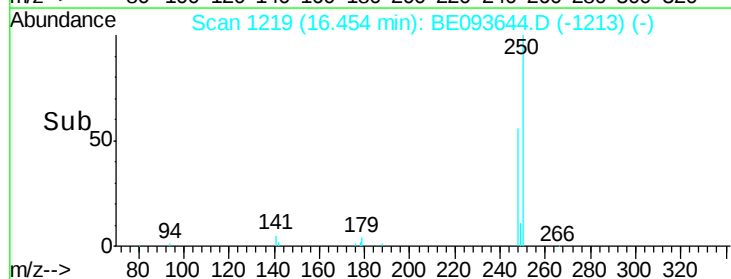
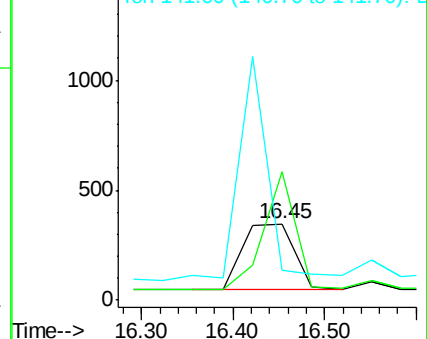
141 38.7 12.0 18.0#

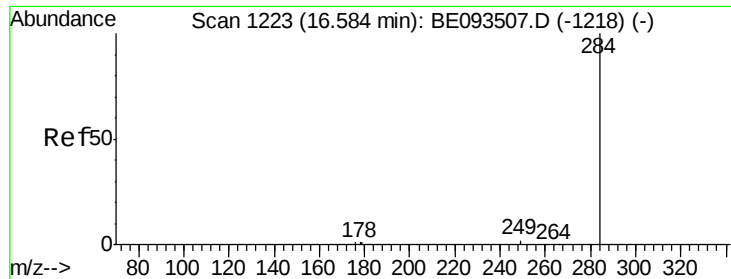


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

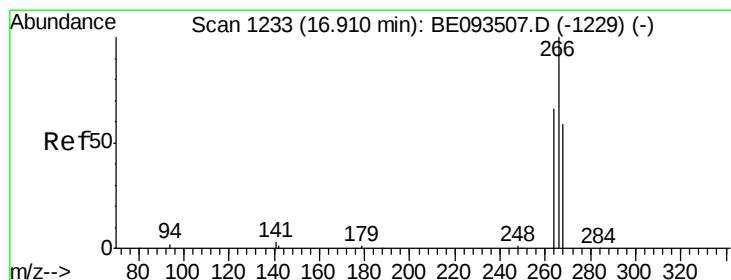
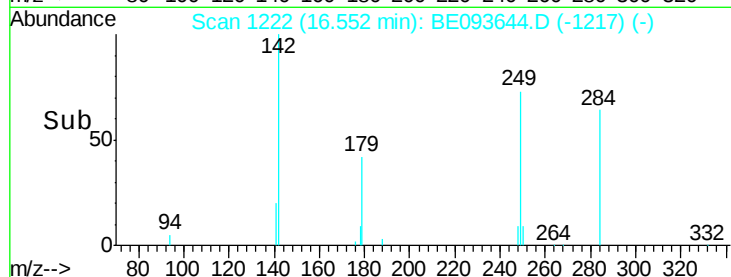
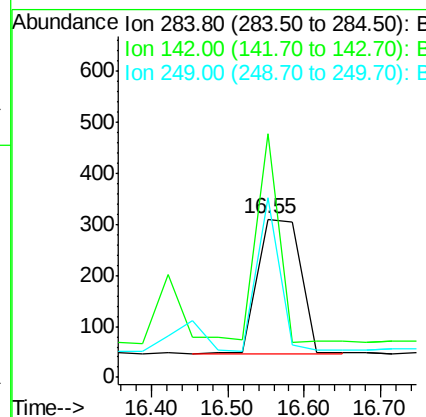
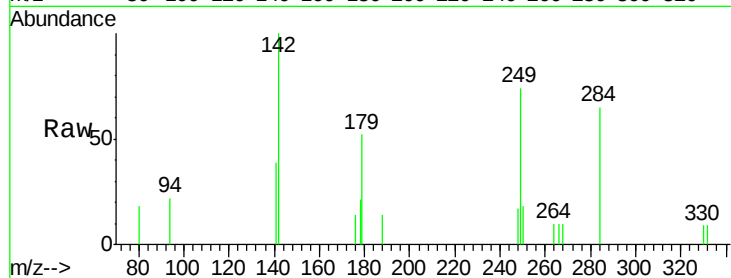




#21
Hexachlorobenzene
Concen: 0.173 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

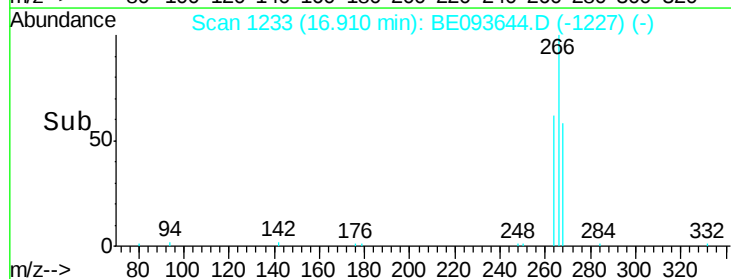
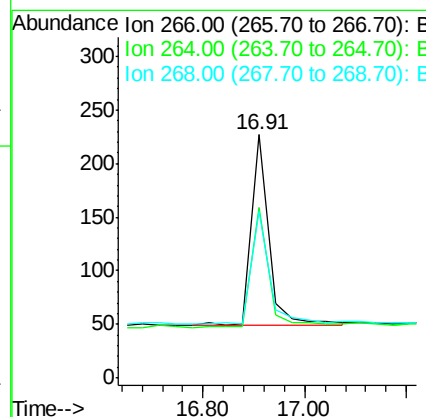
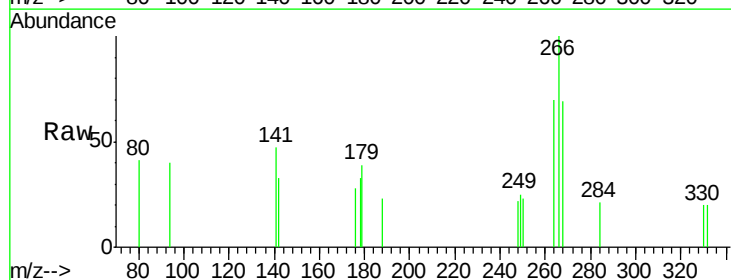
Instrument :
BNA_E
ClientSampleId :
CSSB-30-2MS

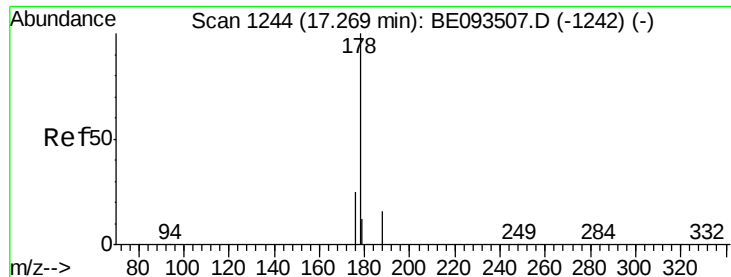
Tgt Ion: 284 Resp: 1031
Ion Ratio Lower Upper
284 100
142 77.2 0.0 0.0#
249 59.4 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.281 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093644.D
Acq: 3 Aug 2017 2:05

Tgt Ion: 266 Resp: 428
Ion Ratio Lower Upper
266 100
264 70.0 56.0 84.0
268 68.7 52.0 78.0





#23

Phenanthrene

Concen: 0.273 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

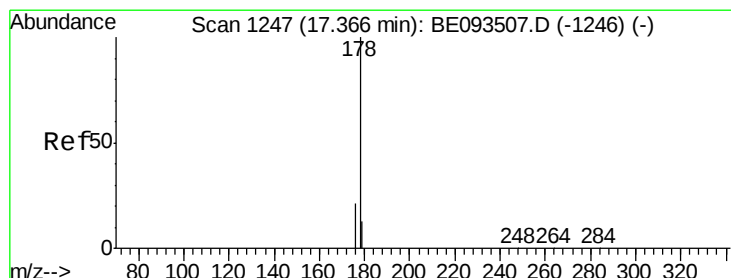
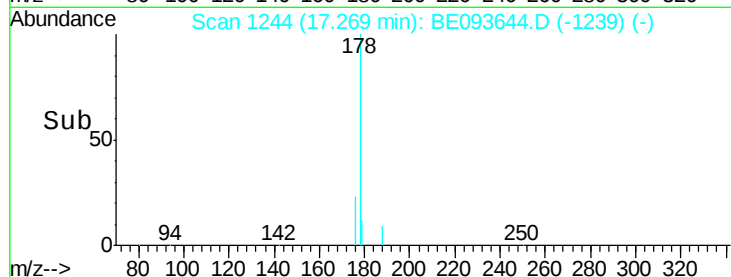
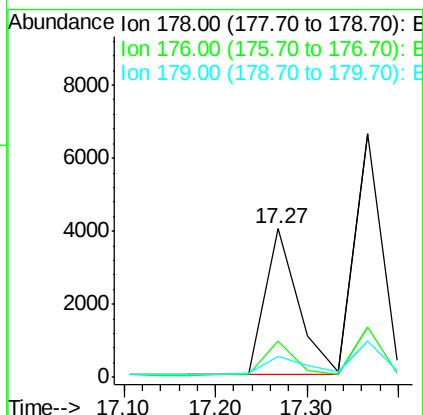
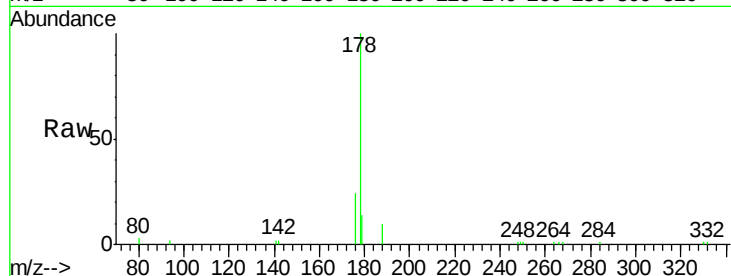
Tgt Ion:178 Resp: 10075

Ion Ratio Lower Upper

178 100

176 21.0 15.0 22.4

179 0.0 12.7 19.1#



#24

Anthracene

Concen: 0.268 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

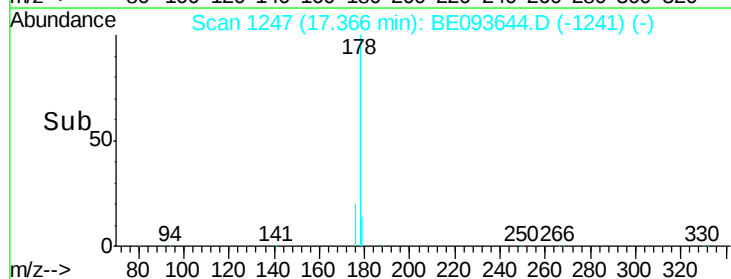
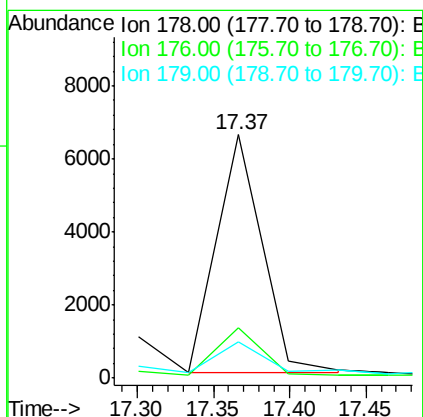
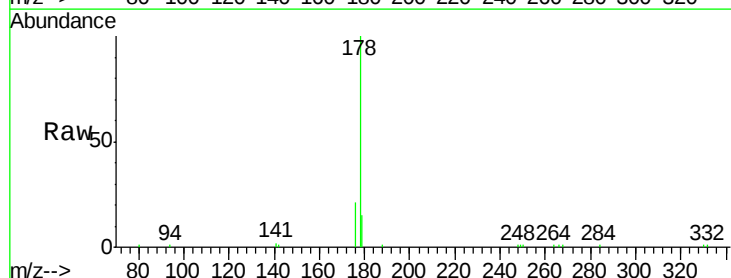
Tgt Ion:178 Resp: 13518

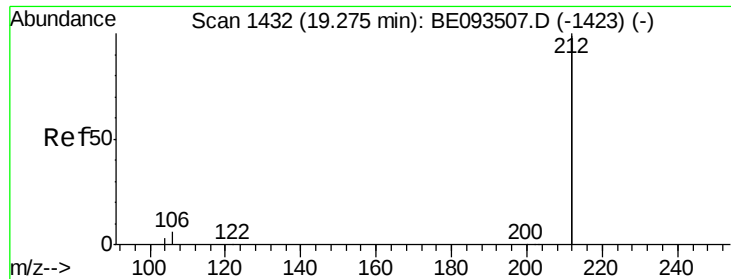
Ion Ratio Lower Upper

178 100

176 19.8 14.6 22.0

179 24.2 12.0 18.0#





#25

Fluoranthene-d10

Concen: 0.267 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

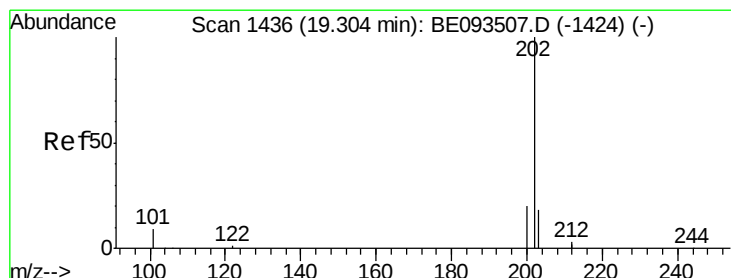
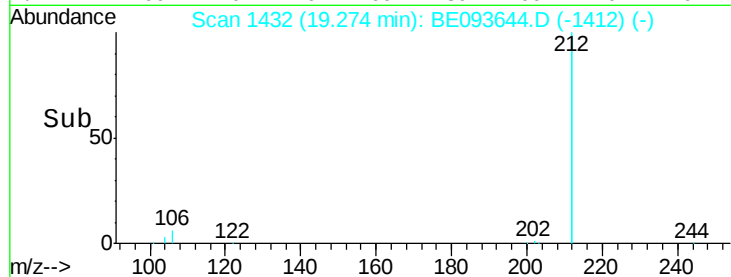
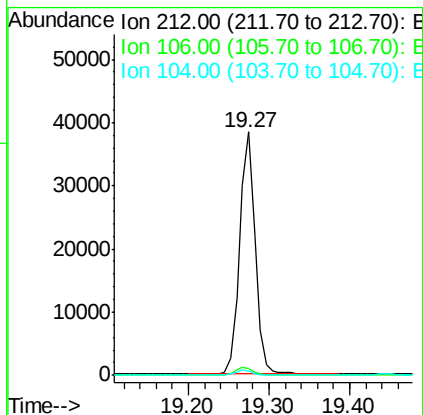
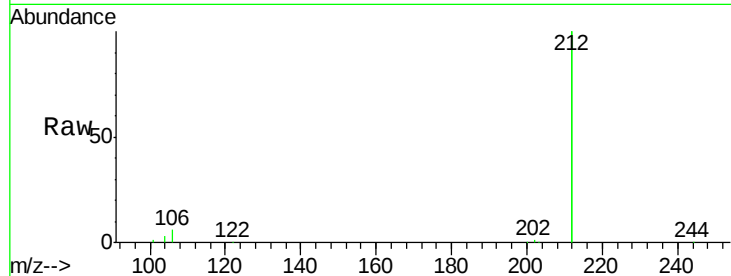
Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

Tgt Ion:	212	Resp:	50757
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4



#26

Fluoranthene

Concen: 0.265 ng

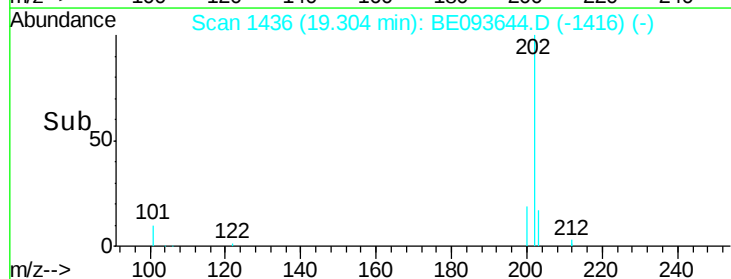
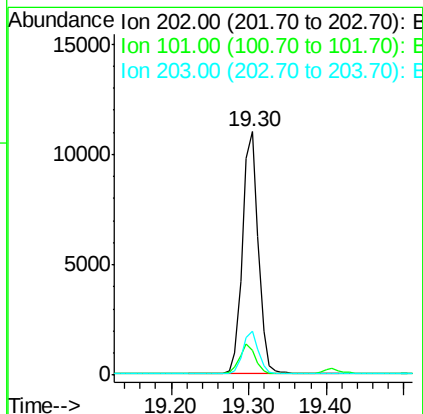
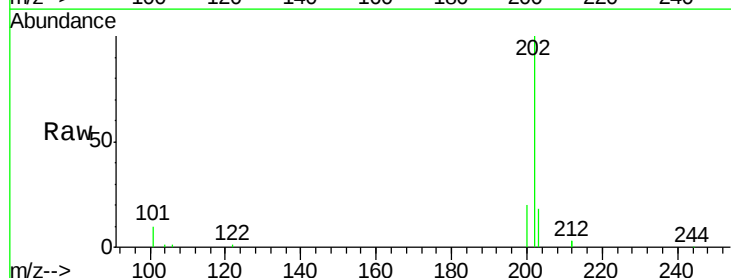
RT: 19.30 min Scan# 1436

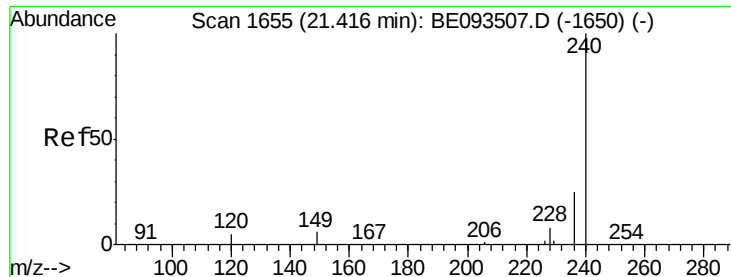
Delta R.T. -0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Tgt Ion:	202	Resp:	15540
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	16.8	14.4	21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

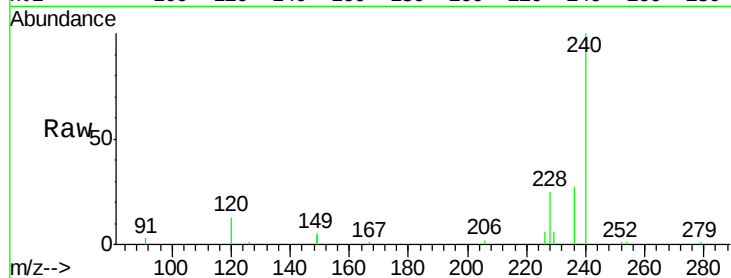
Tgt Ion:240 Resp: 18796

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

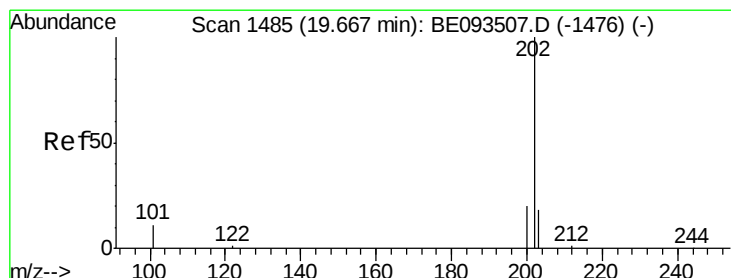
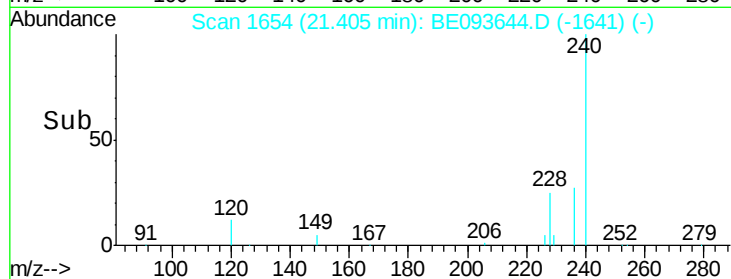
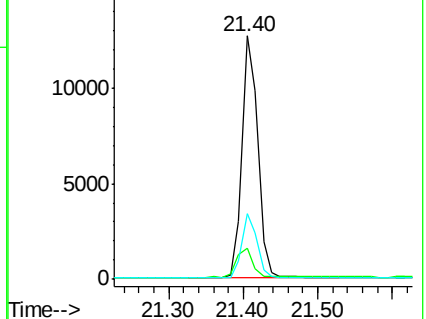
236 27.2 20.8 31.2



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: 0.262 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

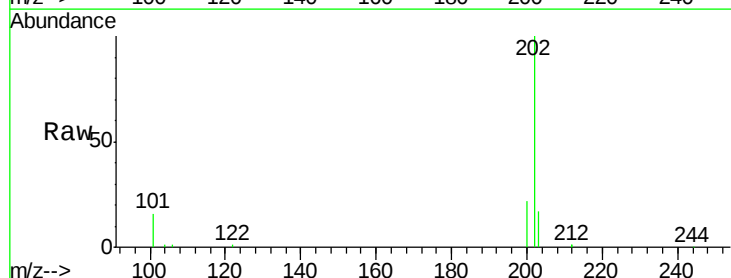
Tgt Ion:202 Resp: 15892

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

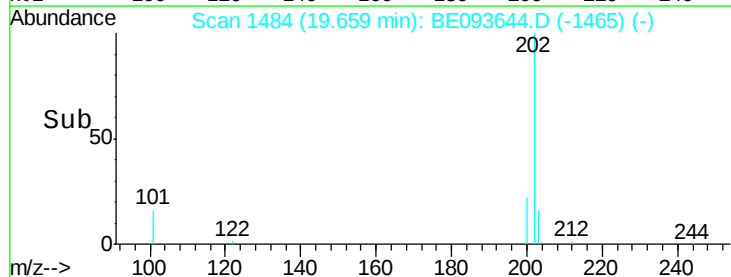
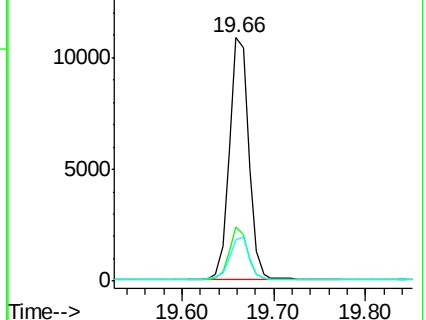
203 17.9 13.7 20.5

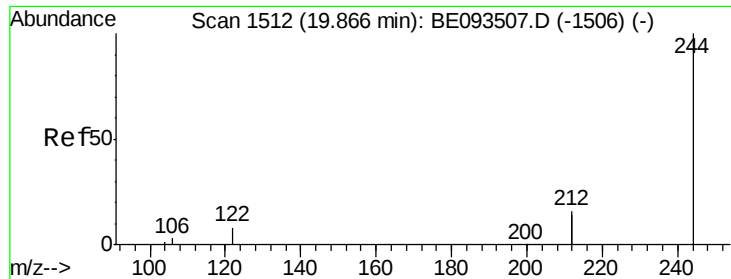


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

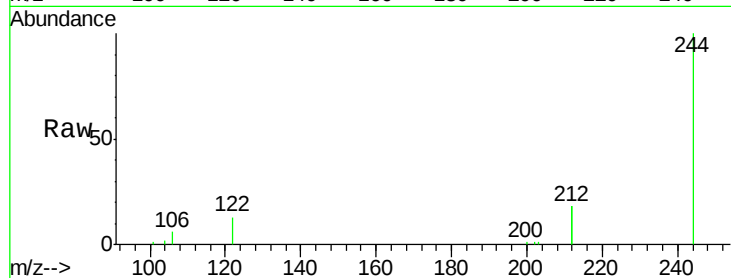
Tgt Ion:244 Resp: 8611

Ion Ratio Lower Upper

244 100

212 35.1 10.6 16.0#

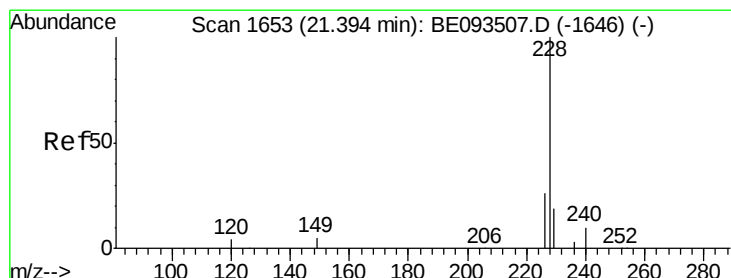
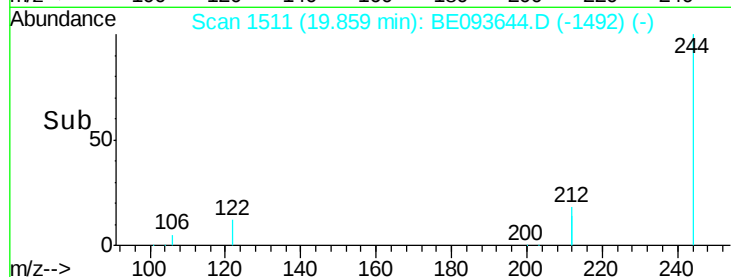
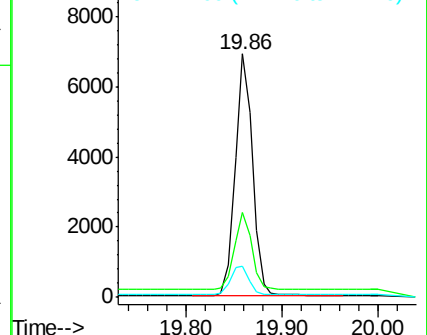
122 12.7 15.4 23.0#



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: 0.261 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

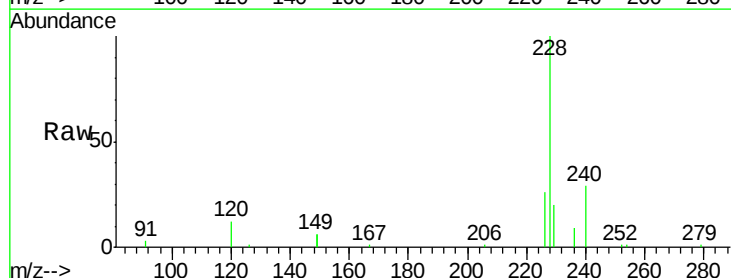
Tgt Ion:228 Resp: 14401

Ion Ratio Lower Upper

228 100

226 26.2 19.7 29.5

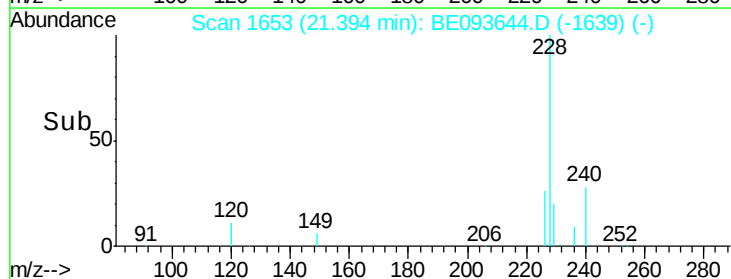
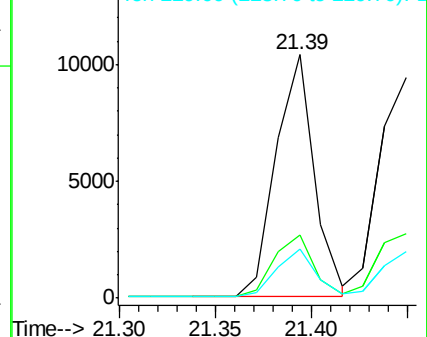
229 20.4 19.2 28.8

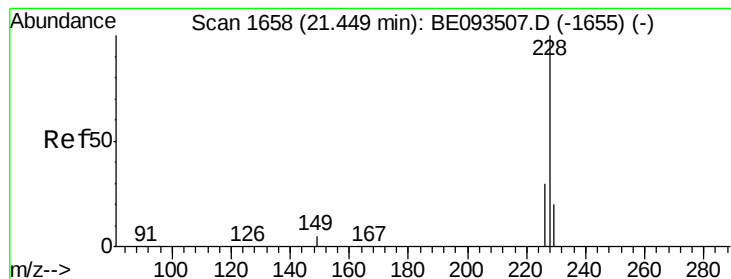


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.231 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

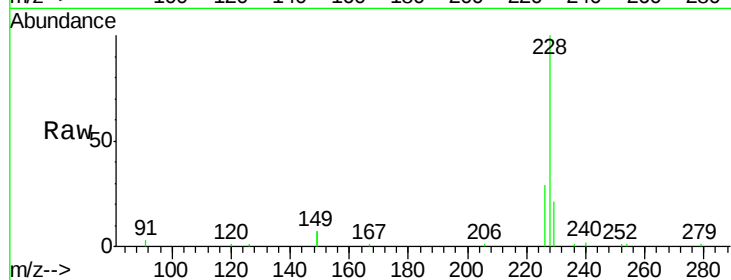
Tgt Ion:228 Resp: 14209

Ion Ratio Lower Upper

228 100

226 29.0 21.5 32.3

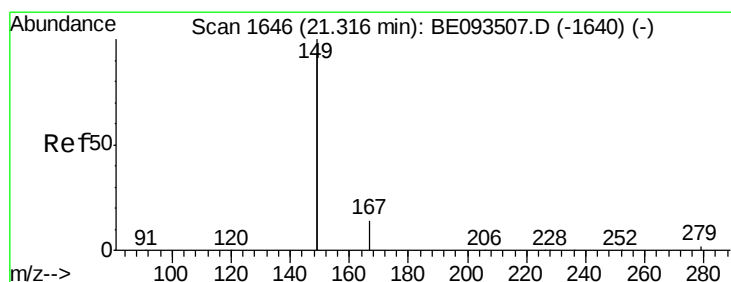
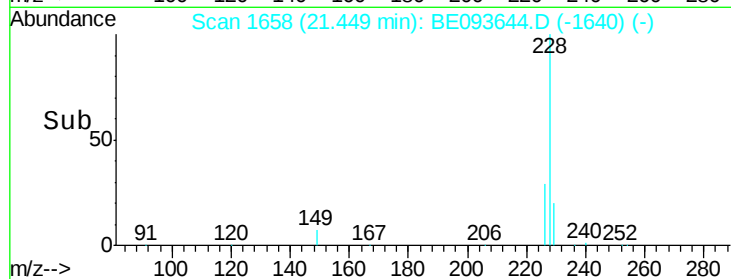
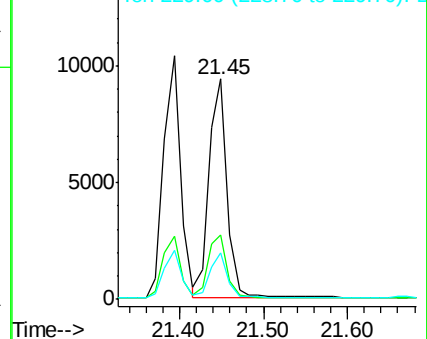
229 21.1 18.6 28.0



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: 0.472 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

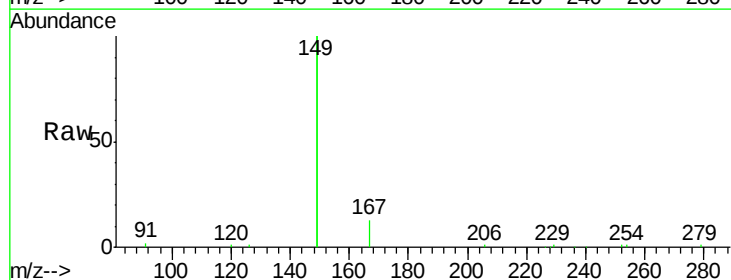
Tgt Ion:149 Resp: 35567

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

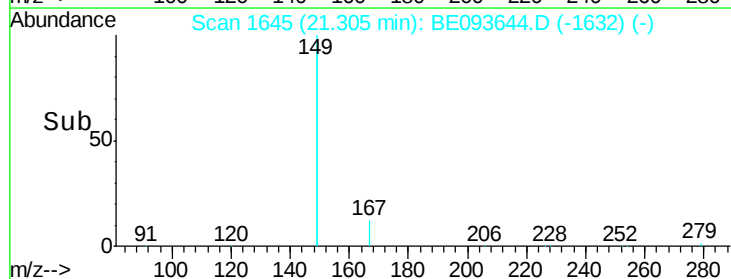
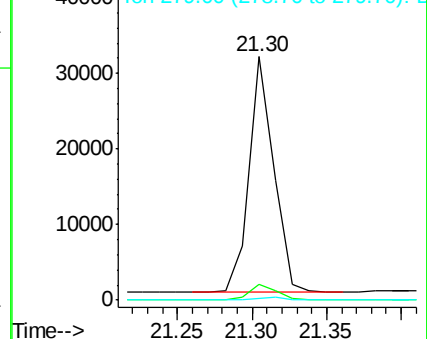
279 0.9 0.8 1.2

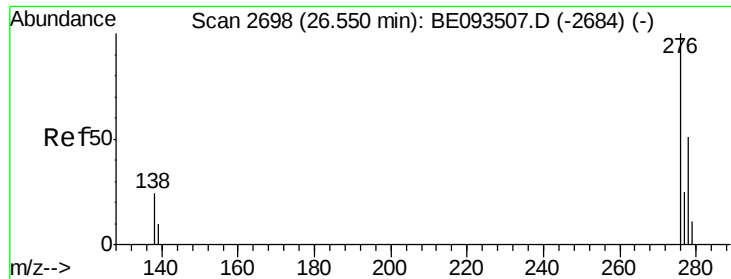


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.215 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

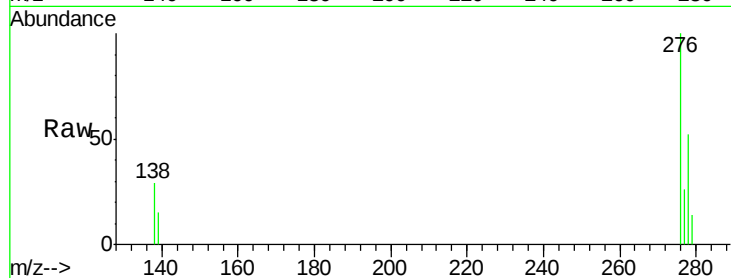
Tgt Ion:276 Resp: 11975

Ion Ratio Lower Upper

276 100

138 28.3 27.4 41.2

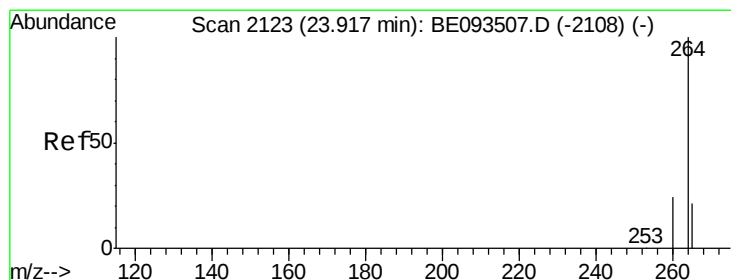
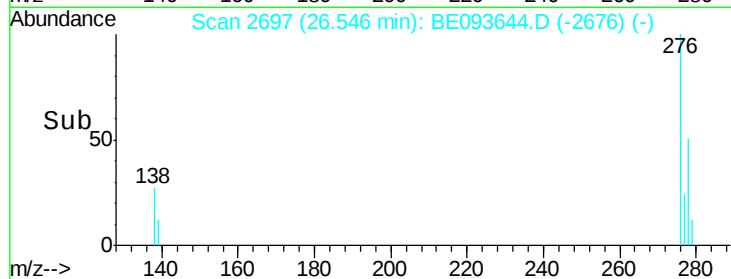
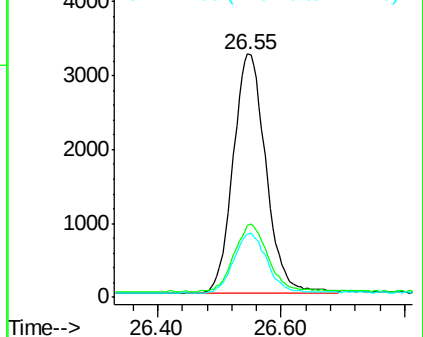
277 25.1 20.1 30.1



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# 2122

Delta R.T. -0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

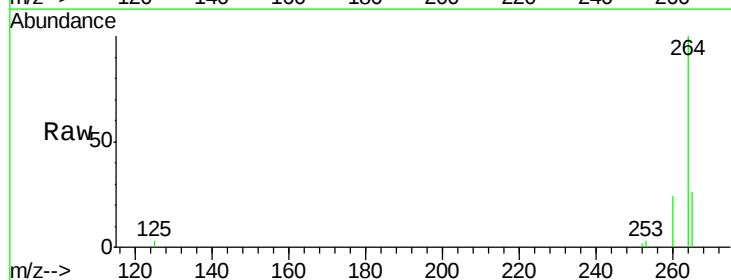
Tgt Ion:264 Resp: 16560

Ion Ratio Lower Upper

264 100

260 24.1 21.0 31.4

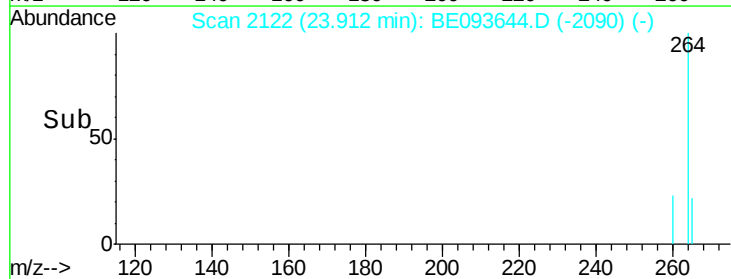
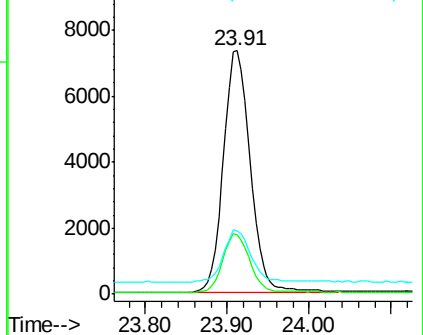
265 26.2 24.6 36.8

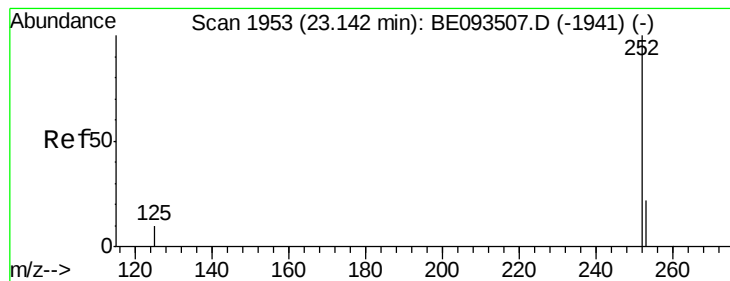


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.226 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

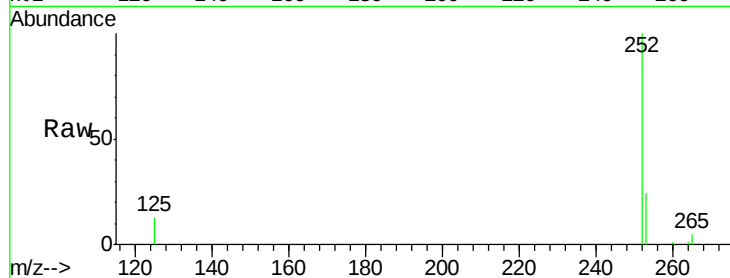
Tgt Ion: 252 Resp: 13368

Ion Ratio Lower Upper

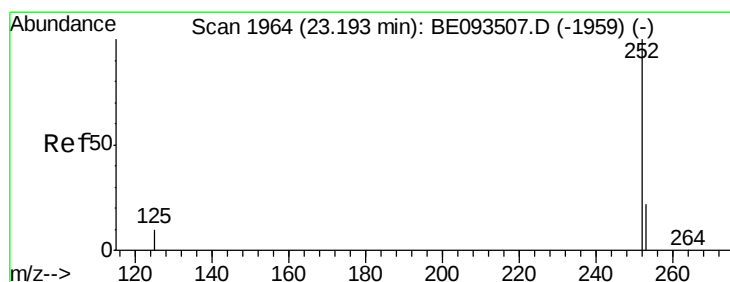
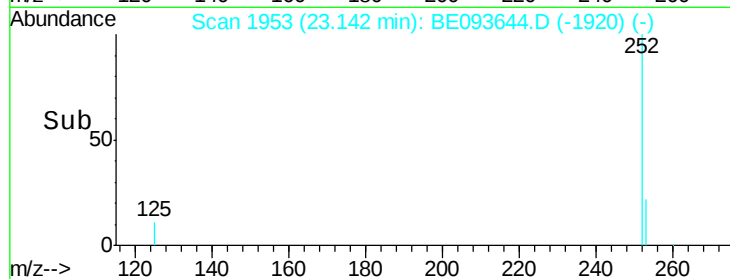
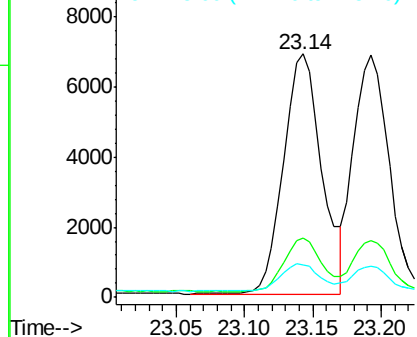
252 100

253 24.4 18.5 27.7

125 13.3 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: 0.204 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

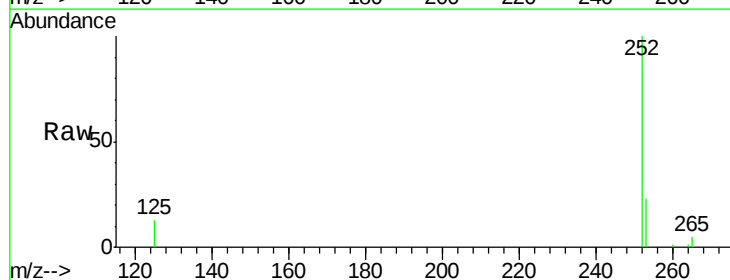
Tgt Ion: 252 Resp: 12317

Ion Ratio Lower Upper

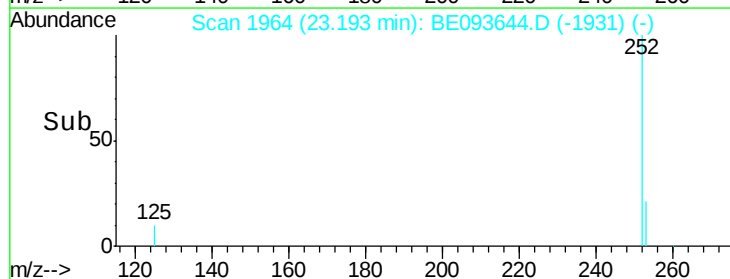
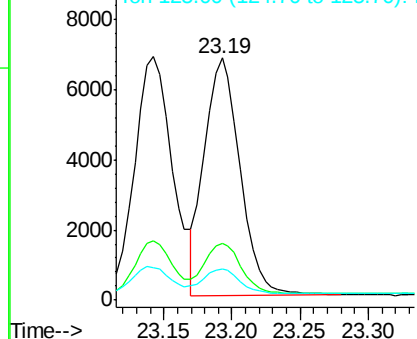
252 100

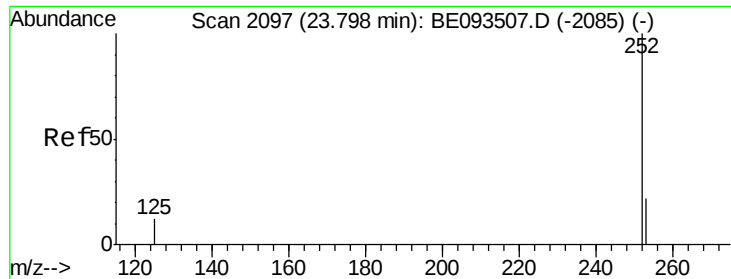
253 23.4 20.3 30.5

125 13.0 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: 0.221 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS

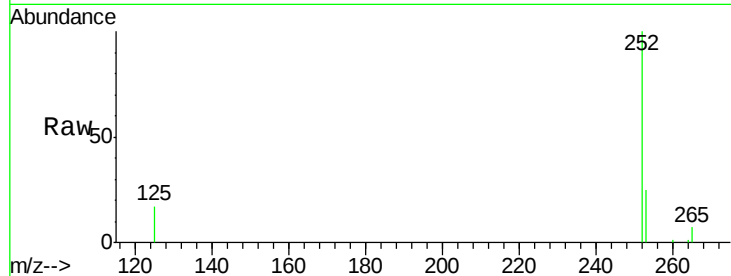
Tgt Ion:252 Resp: 11846

Ion Ratio Lower Upper

252 100

253 25.4 19.9 29.9

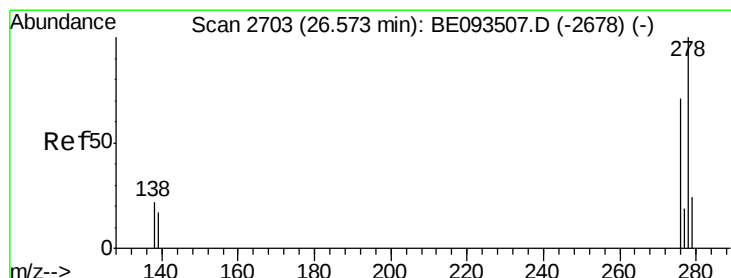
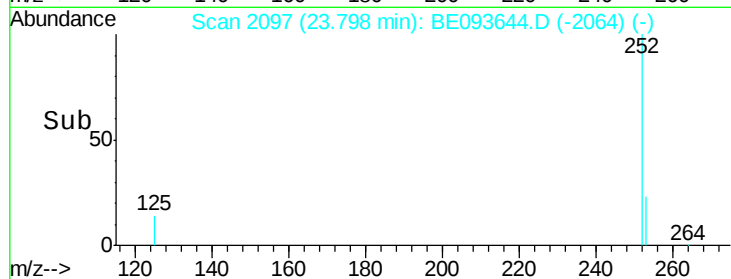
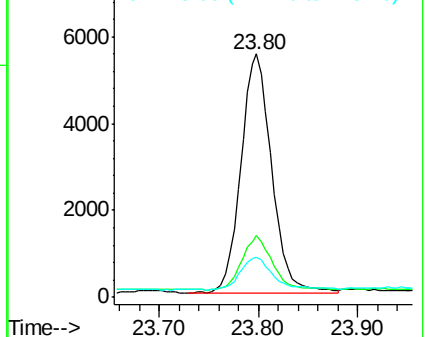
125 16.5 14.6 21.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.193 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE093644.D

Acq: 3 Aug 2017 2:05

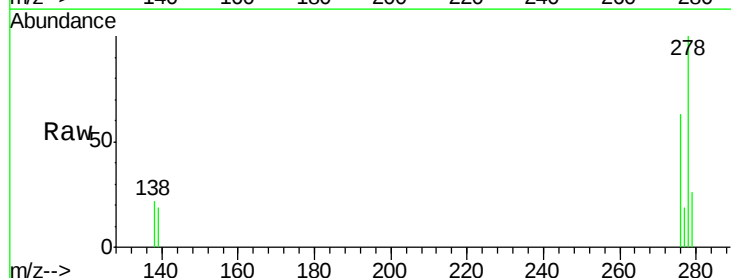
Tgt Ion:278 Resp: 9958

Ion Ratio Lower Upper

278 100

139 18.9 21.4 32.0#

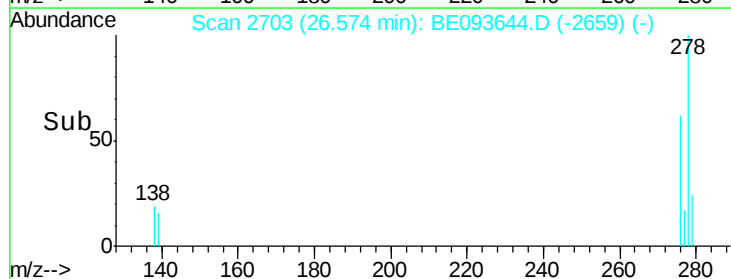
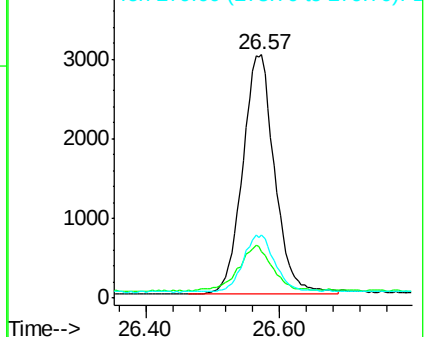
279 25.7 22.2 33.2

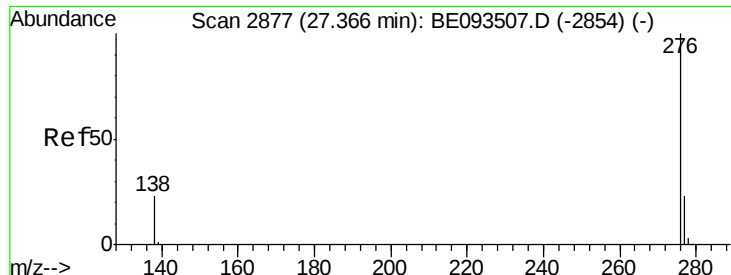


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.191 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093644.D

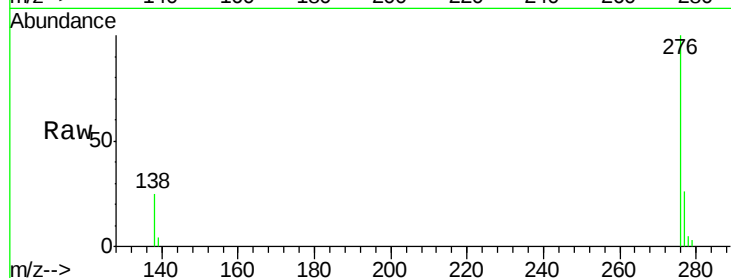
Acq: 3 Aug 2017 2:05

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2MS



Tgt Ion: 276 Resp: 10021

Ion Ratio Lower Upper

276 100

277 25.8 21.2 31.8

138 25.3 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

