

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093643.D
 Acq On : 3 Aug 2017 1:29
 Operator : SJ/JU
 Sample : I4425-09
 Misc : I4426-07
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

Quant Time: Aug 03 02:50:21 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	2795	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	13417	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8078	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	18470	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20992	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18837	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	2664	0.32	ng	0.00
5) Phenol-d6	7.09	99	3954	0.32	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3207	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5507	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	501	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7858	0.24	ng	-0.02
25) Fluoranthene-d10	19.27	212	57679	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	9821	0.26	ng	0.00

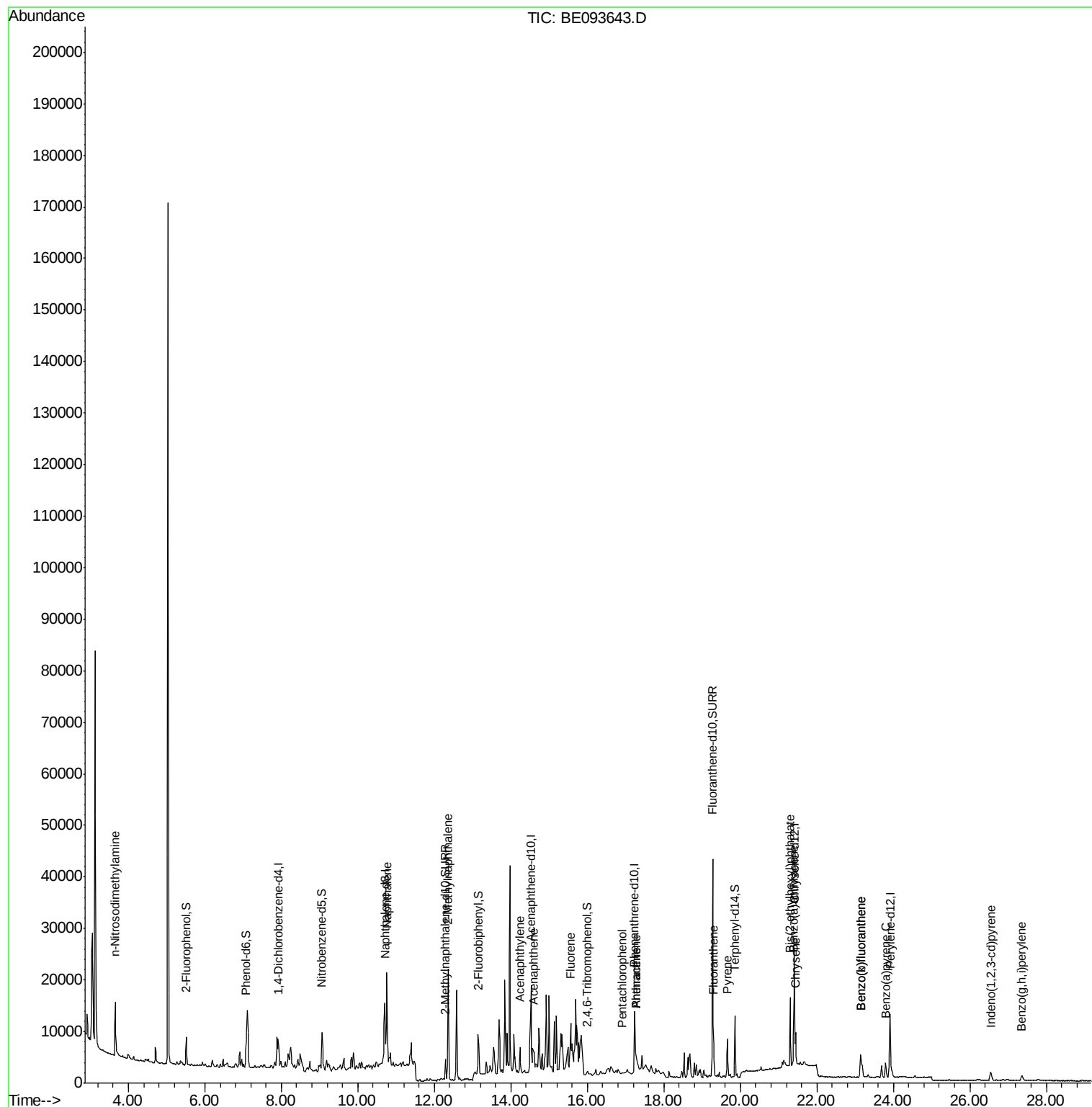
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	2155	0.508	ng	# 1
9) Naphthalene	10.76	128	30543	0.197	ng	# 98
12) 2-Methylnaphthalene	12.36	142	15448	0.601	ng	# 96
16) Acenaphthylene	14.24	152	1038	0.027	ng	# 1
17) Acenaphthene	14.58	154	1774	0.065	ng	# 67
18) Fluorene	15.56	166	3312	0.091	ng	# 24
20) 4-Bromophenyl-phenylether	16.45	248	14	Below Cal		# 1
21) Hexachlorobenzene	16.55	284	10	Below Cal		# 100
22) Pentachlorophenol	16.91	266	22	0.157	ng	# 61
23) Phenanthrene	17.27	178	9091	0.224	ng	# 82
24) Anthracene	17.27	178	8702	0.157	ng	# 80
26) Fluoranthene	19.30	202	5908	0.091	ng	# 98
28) Pyrene	19.66	202	7365	0.109	ng	# 80
30) Benzo(a)anthracene	21.39	228	7399	0.120	ng	# 97
31) Chrysene	21.45	228	6938	0.101	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.30	149	13782	0.164	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.54	276	2734	0.044	ng	# 96
35) Benzo(b)fluoranthene	23.15	252	7707	0.115	ng	# 87
36) Benzo(k)fluoranthene	23.15	252	7703	0.112	ng	# 89
37) Benzo(a)pyrene	23.80	252	4091	0.067	ng	# 78
39) Benzo(g,h,i)perylene	27.36	276	2406	0.040	ng	# 94

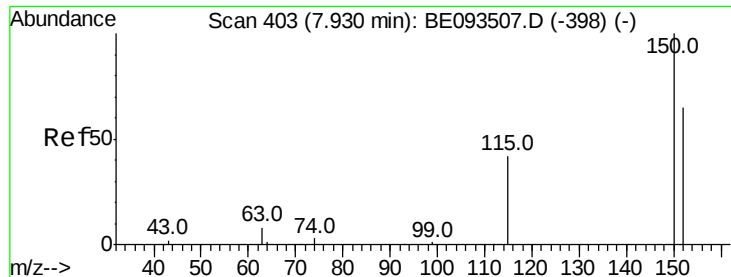
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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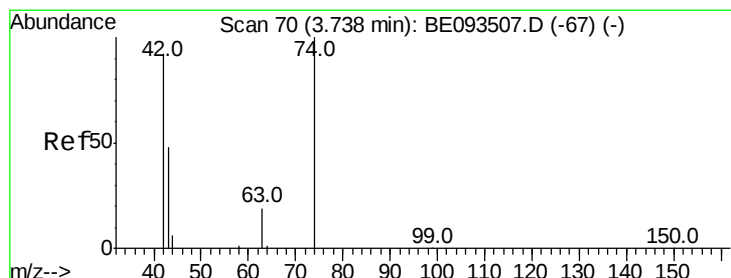
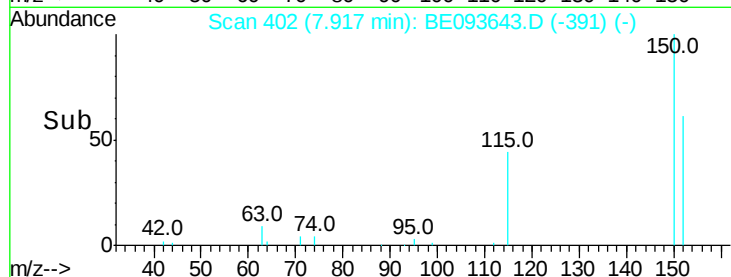
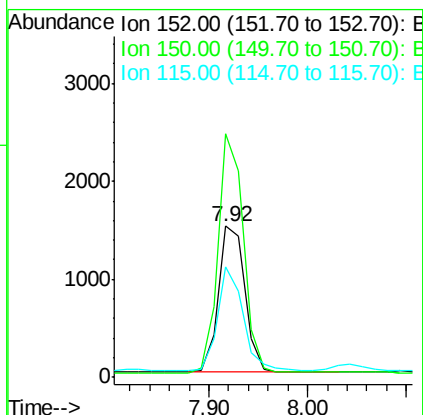
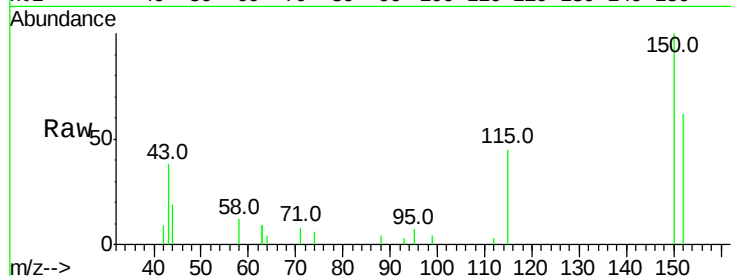


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

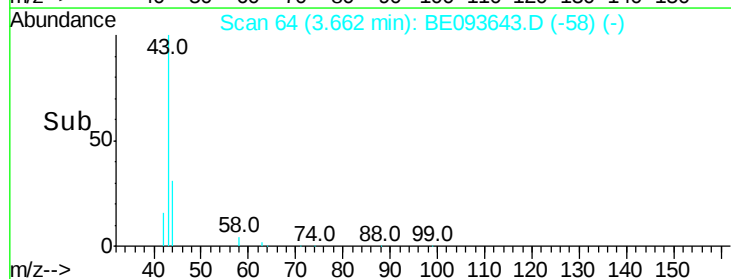
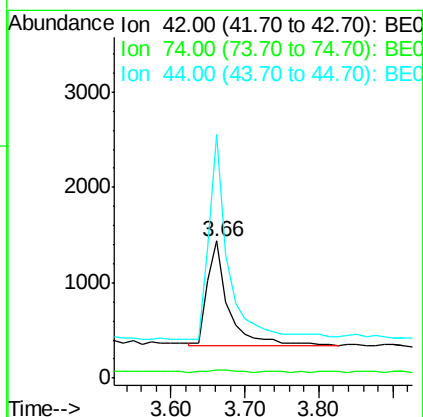
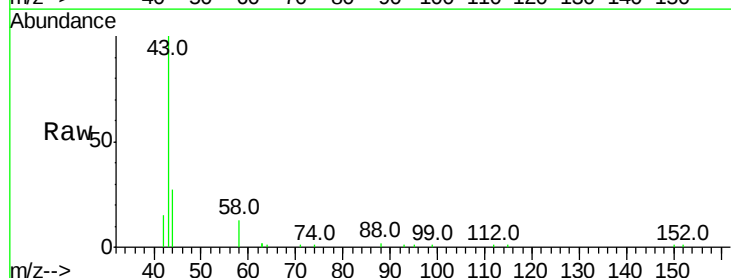
Tot Ion:152 Resp: 2795
 Ion Ratio Lower Upper
 152 100
 150 160.8 125.1 187.7
 115 73.1 55.7 83.5

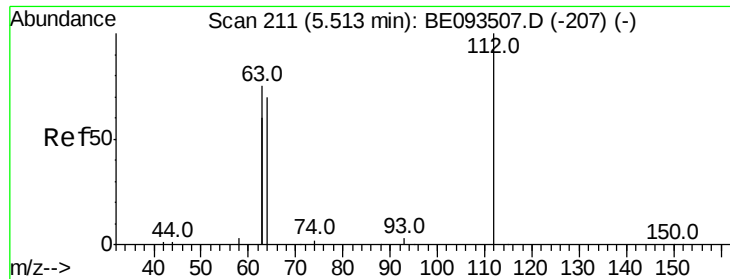


#3

n-Nitrosodimethylamine
 Concen: 0.508 ng
 RT: 3.66 min Scan# 64
 Delta R.T. -0.08 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion: 42 Resp: 2155
 Ion Ratio Lower Upper
 42 100
 74 1.8 99.1 148.7#
 44 187.5 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.320 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

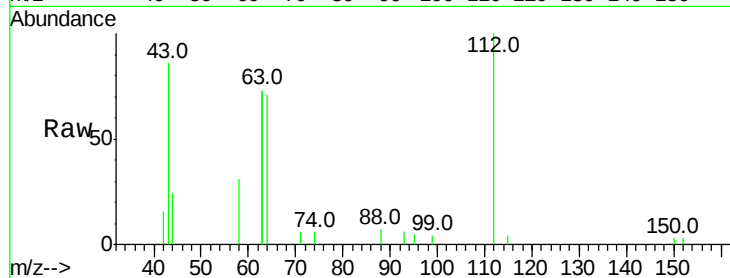
Tot Ion:112 Resp: 2664

Ion Ratio Lower Upper

112 100

64 70.5 56.4 84.6

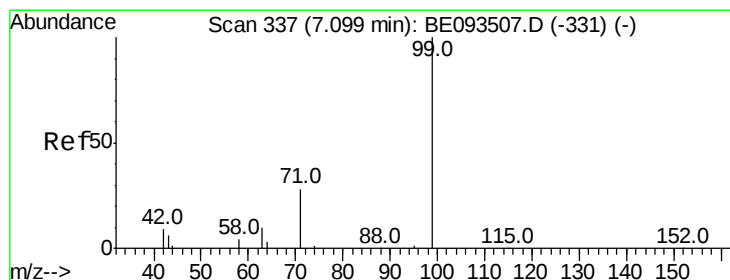
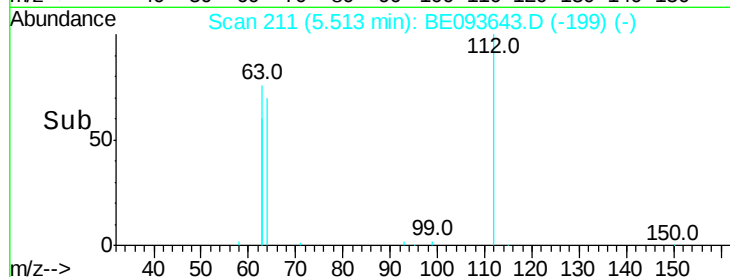
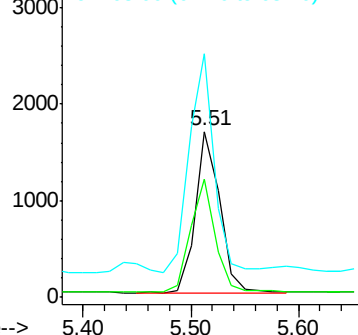
63 136.0 29.3 43.9#



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: 0.315 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

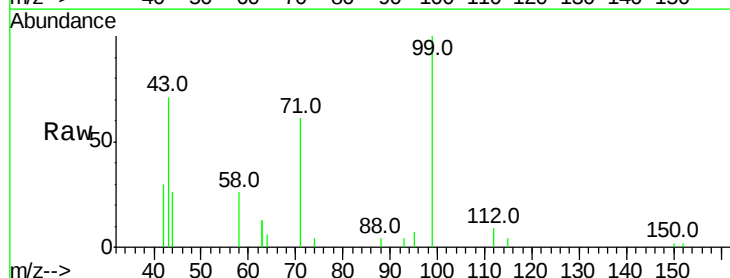
Tgt Ion: 99 Resp: 3954

Ion Ratio Lower Upper

99 100

42 35.4 0.0 0.0#

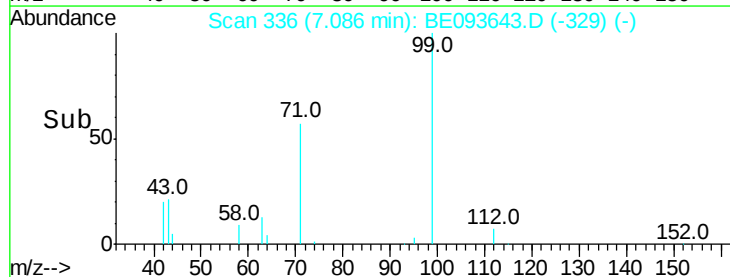
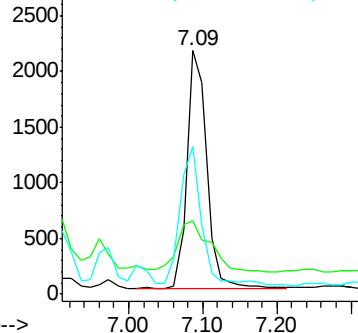
71 65.2 0.0 0.0#

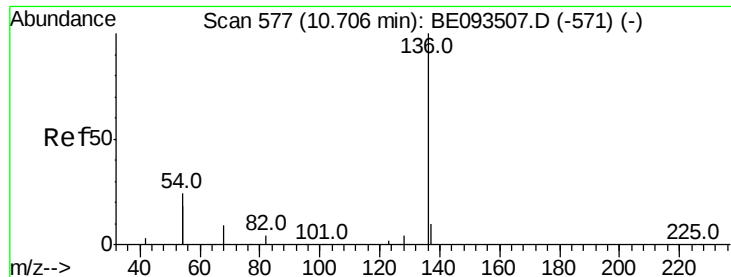


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

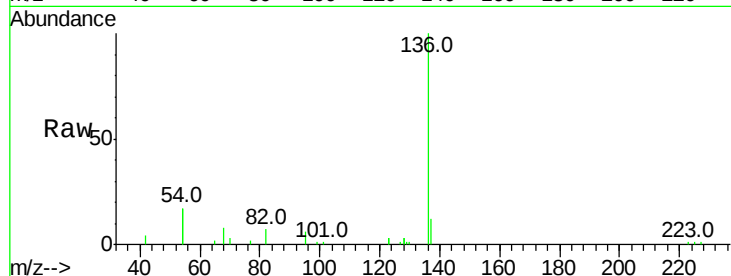
Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

Tot Ion:136	Resp:	13417
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.8 14.8
54	33.1	10.3 15.5#
68	7.9	9.0 13.4#

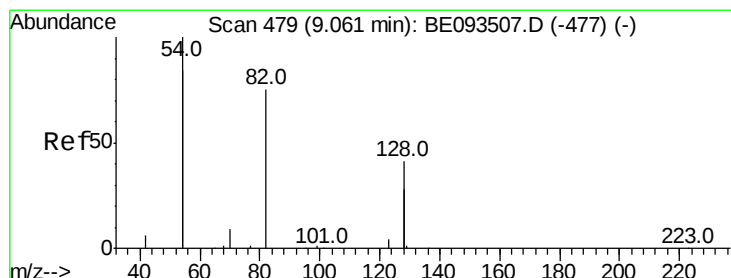
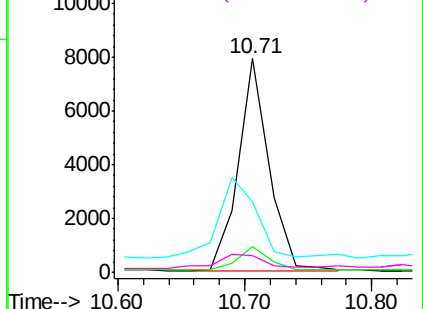
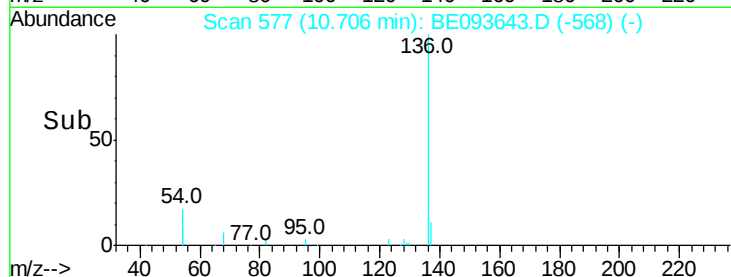


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.313 ng

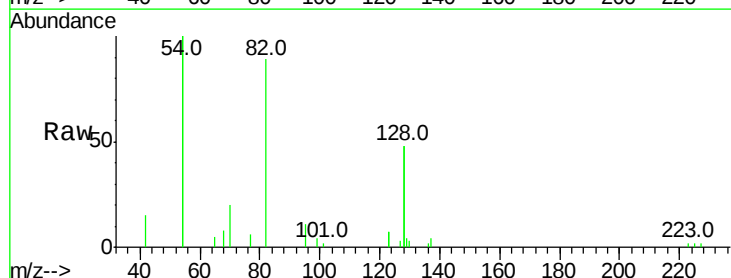
RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

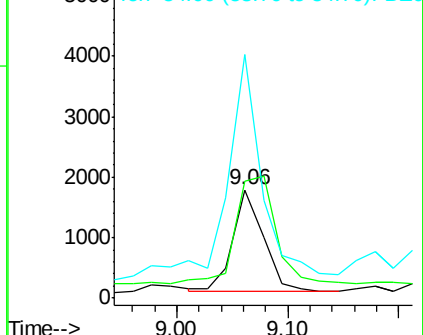
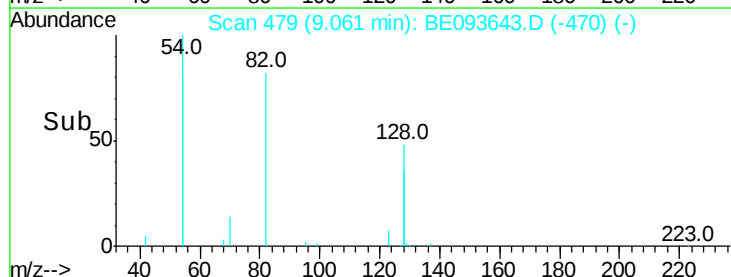
Tgt Ion: 82	Resp:	3207
Ion Ratio	Lower	Upper
82	100	
128	108.6	17.0 25.4#
54	225.3	53.8 80.6#

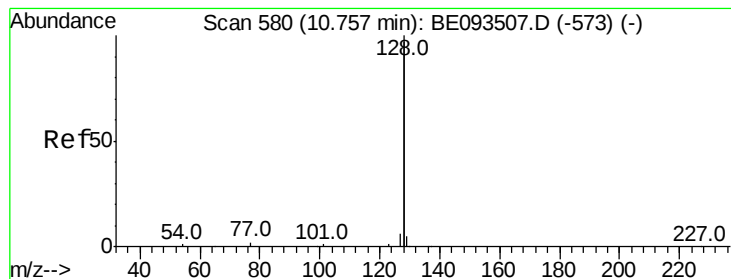


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.197 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

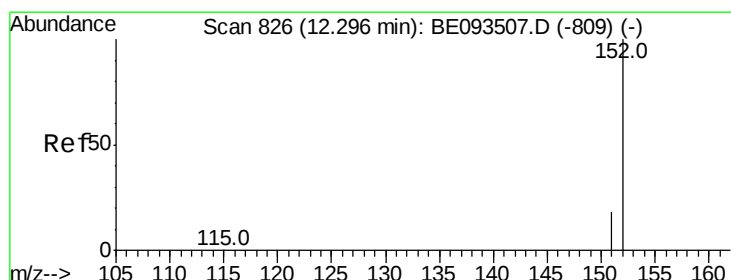
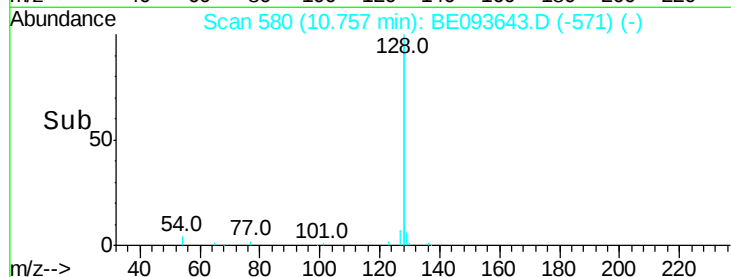
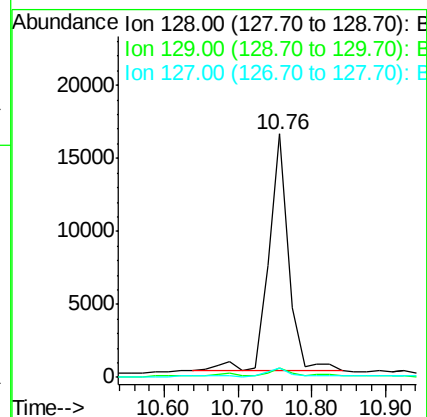
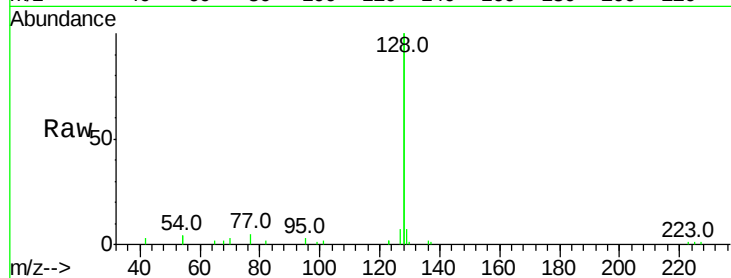
Tot Ion:128 Resp: 30543

Ion Ratio Lower Upper

128 100

129 3.6 2.4 3.6#

127 3.7 2.4 3.6#



#11

2-Methylnaphthalene-d10

Concen: 0.260 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093643.D

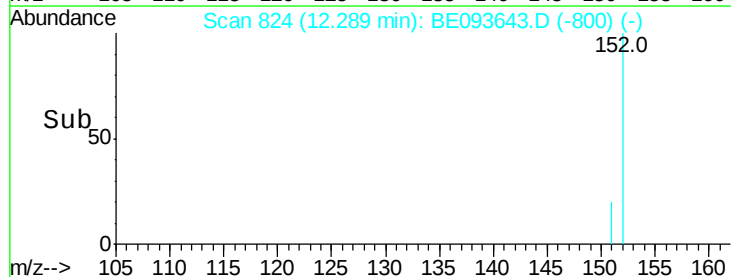
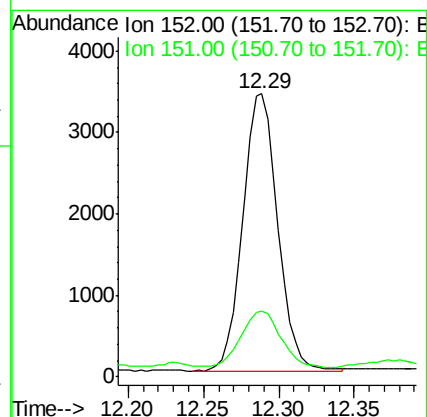
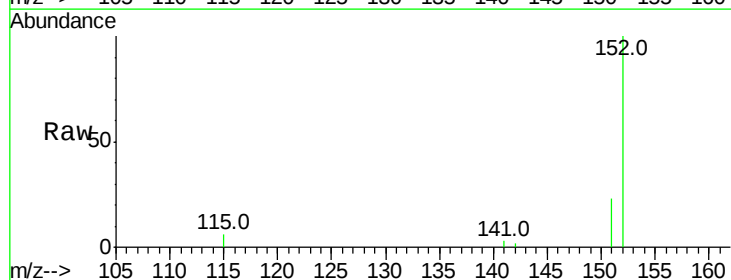
Acq: 3 Aug 2017 1:29

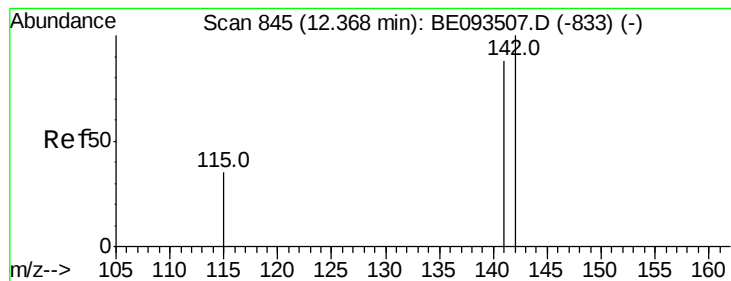
Tgt Ion:152 Resp: 5507

Ion Ratio Lower Upper

152 100

151 23.0 15.1 22.7#





#12

2-Methylnaphthalene

Concen: 0.601 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampled :

CSSB-30-2

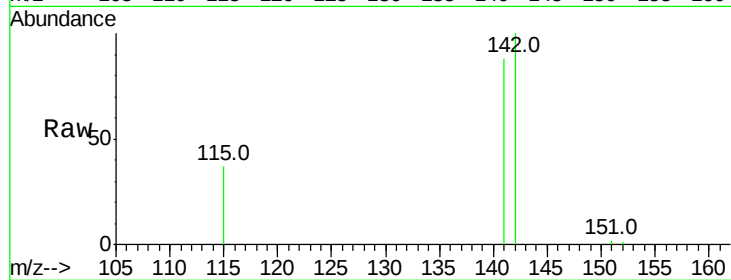
Tot Ion:142 Resp: 15448

Ion Ratio Lower Upper

142 100

141 87.7 72.6 108.8

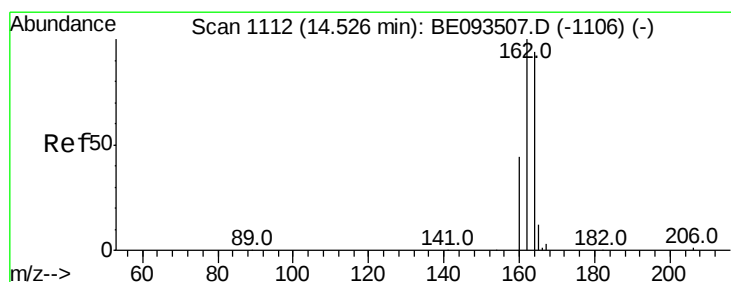
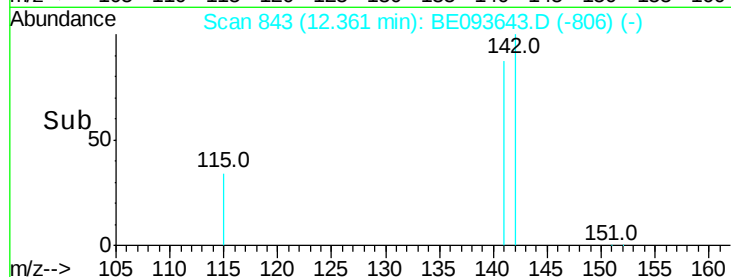
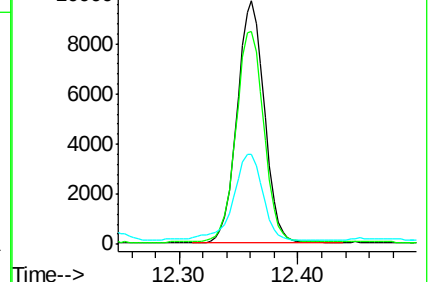
115 37.1 32.2 48.2



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: 14.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

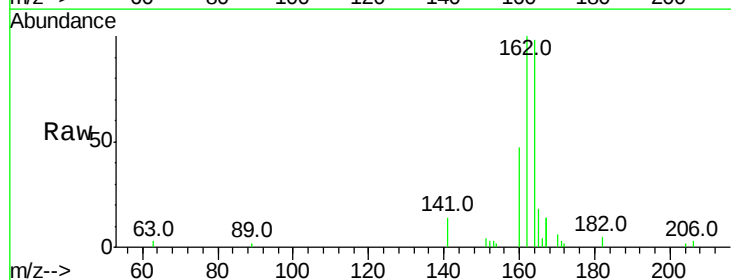
Tgt Ion:164 Resp: 8078

Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

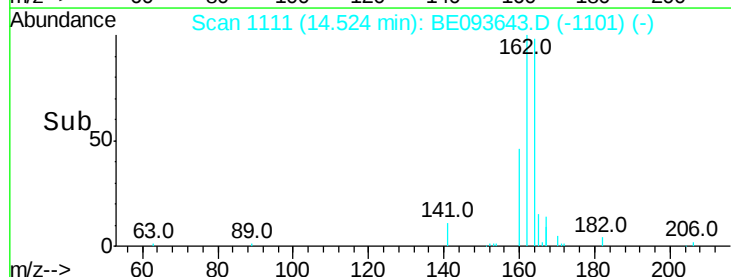
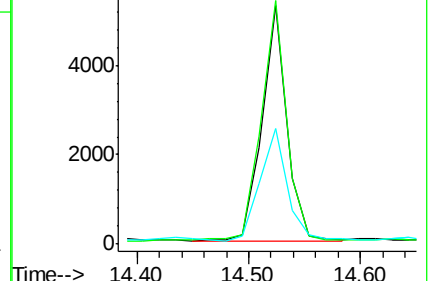
160 48.3 41.8 62.6

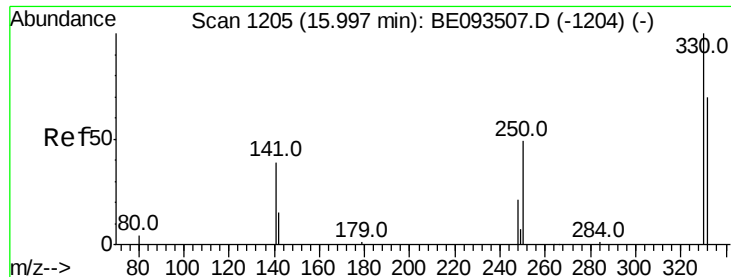


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

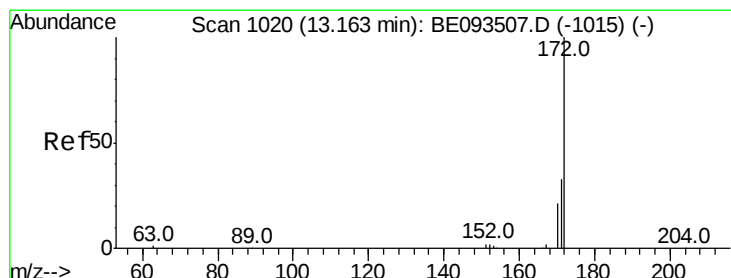
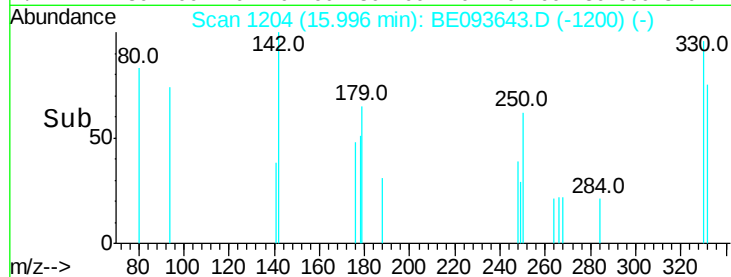
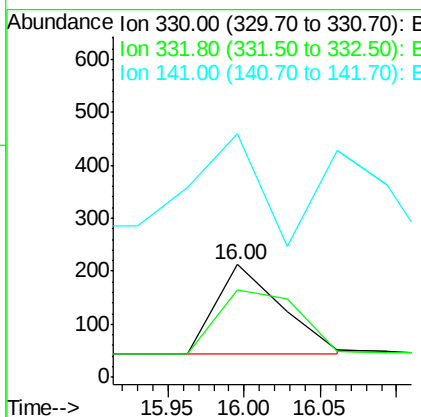
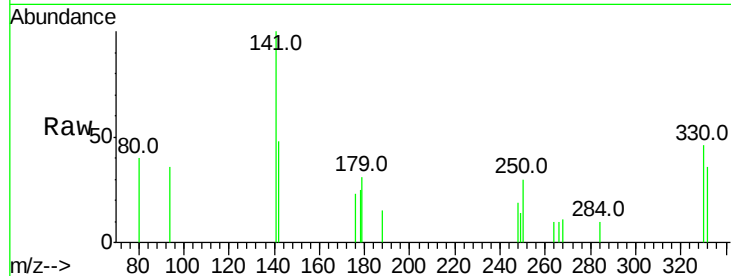




#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 16.00 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

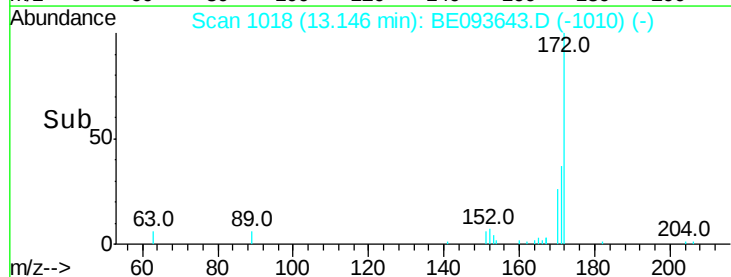
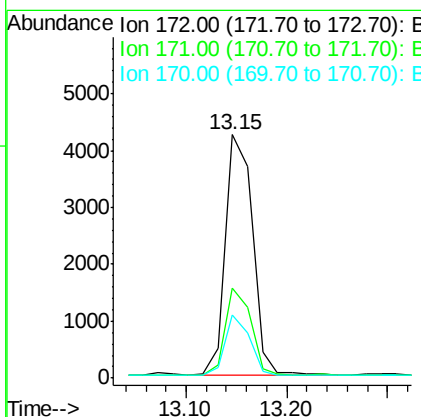
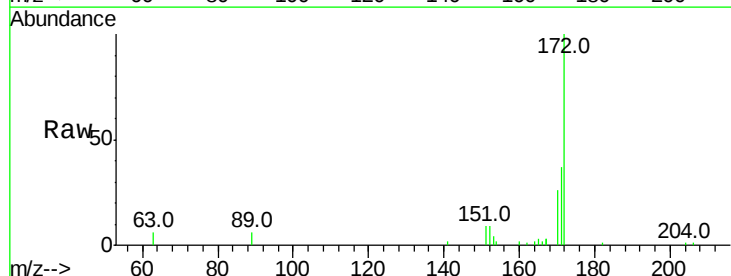
Instrument :
 BNA_E
 ClientSampleId :
 CSSB-30-2

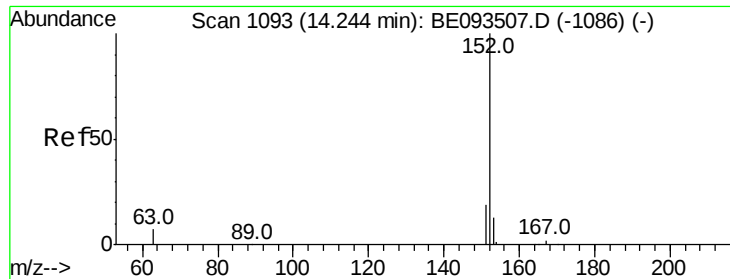
Tot Ion:330 Resp: 501
 Ion Ratio Lower Upper
 330 100
 332 90.2 77.7 116.5
 141 125.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.243 ng
 RT: 13.15 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion:172 Resp: 7858
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.8 20.7 31.1





#16

Acenaphthylene

Concen: 0.027 ng

RT: 14.24 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampled :

CSSB-30-2

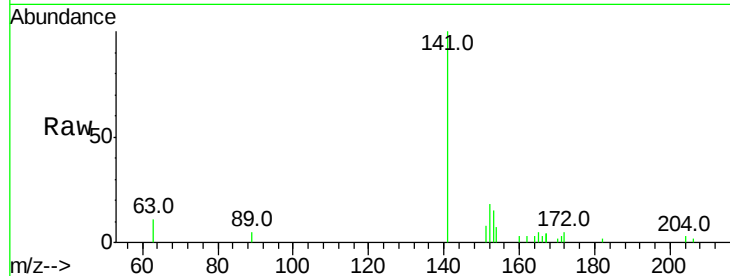
Tot Ion:152 Resp: 1038

Ion Ratio Lower Upper

152 100

151 34.5 4.0 6.0#

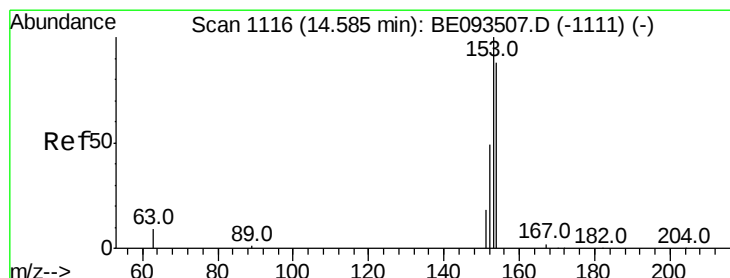
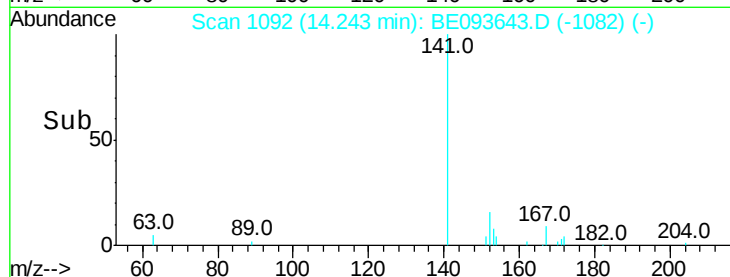
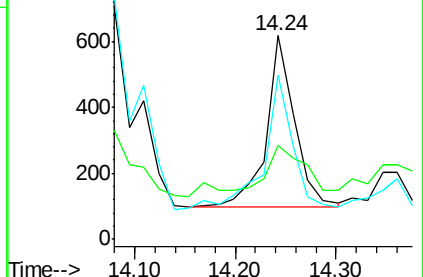
153 75.0 10.3 15.5#



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: 0.065 ng

RT: 14.58 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

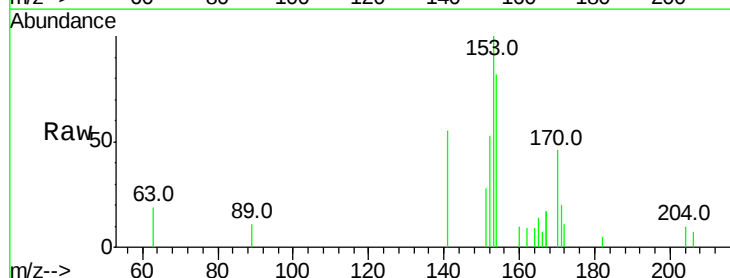
Tgt Ion:154 Resp: 1774

Ion Ratio Lower Upper

154 100

153 143.7 91.2 136.8#

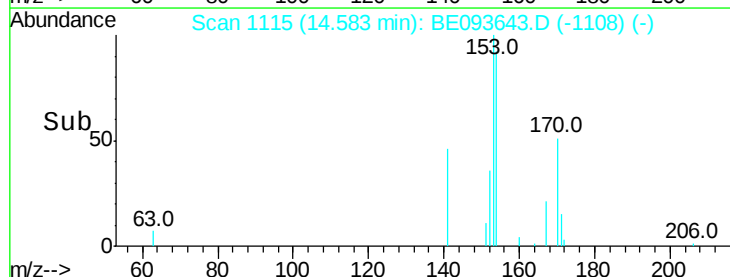
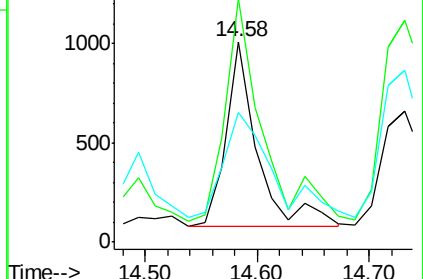
152 88.7 44.8 67.2#

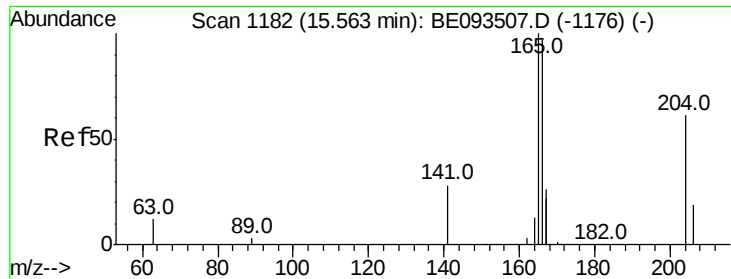


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.091 ng

RT: 15.56 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampled :

CSSB-30-2

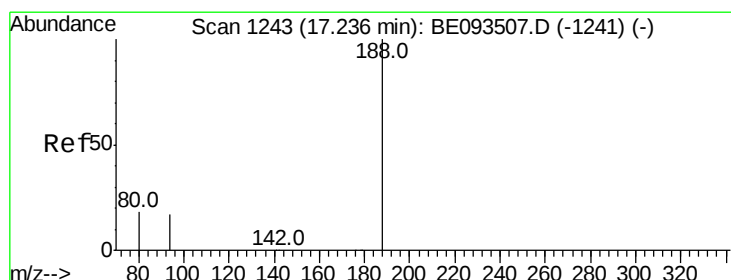
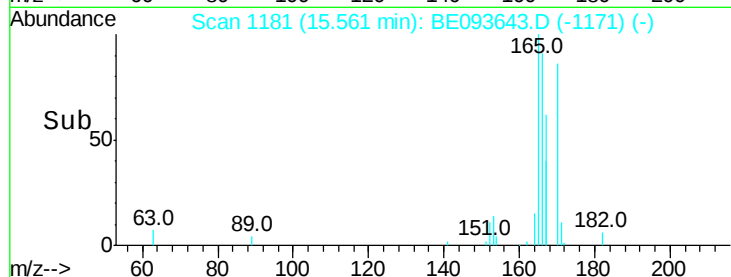
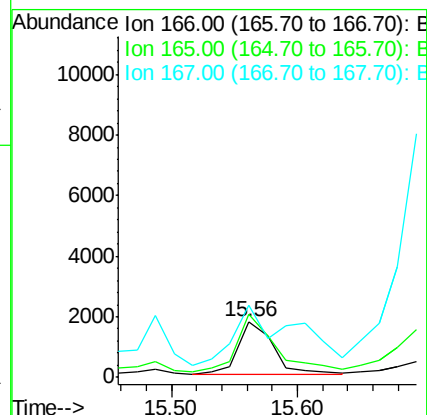
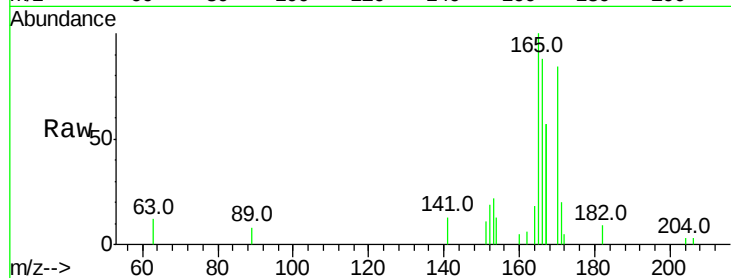
Tot Ion:166 Resp: 3312

Ion Ratio Lower Upper

166 100

165 119.8 78.6 117.8#

167 200.4 11.1 16.7#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

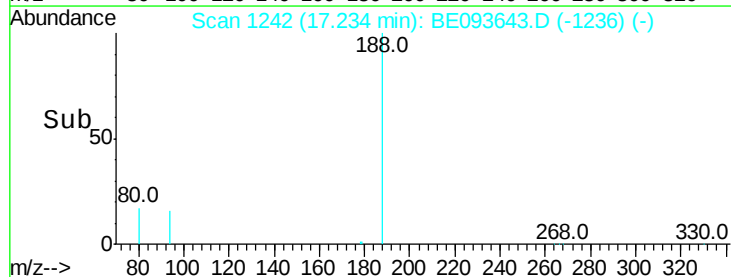
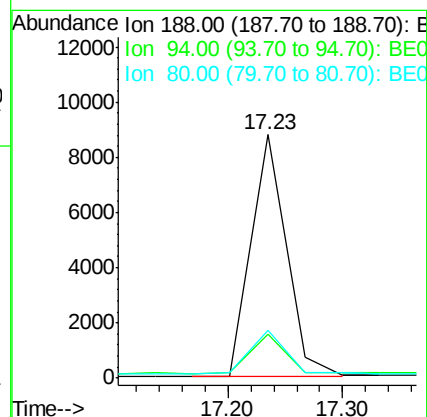
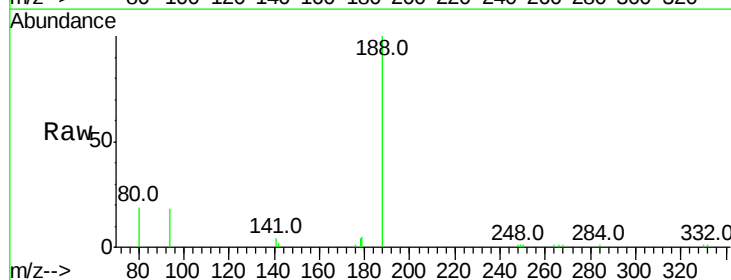
Tgt Ion:188 Resp: 18470

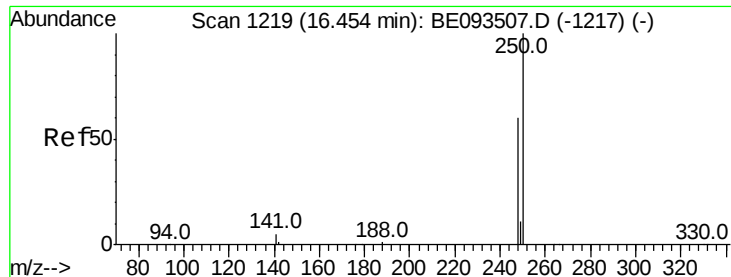
Ion Ratio Lower Upper

188 100

94 17.8 11.3 16.9#

80 19.5 11.7 17.5#

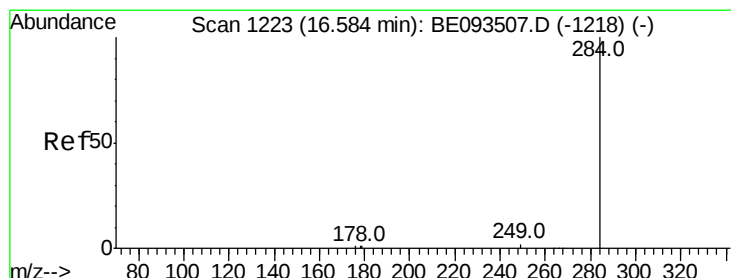
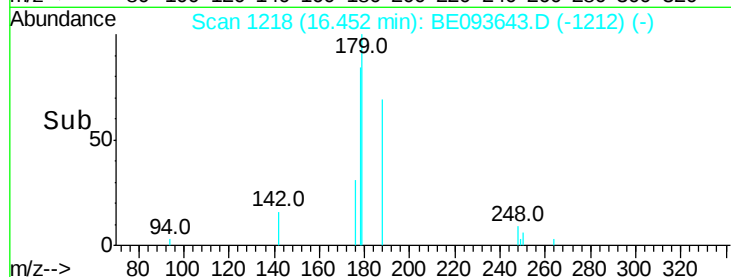
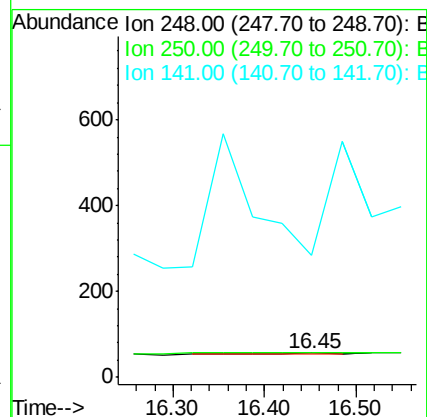
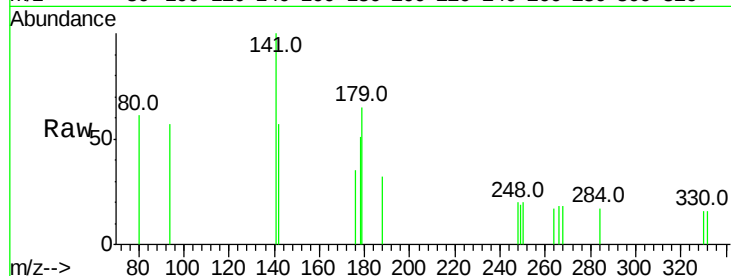




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

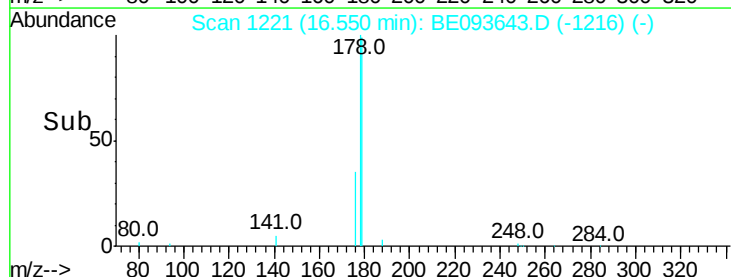
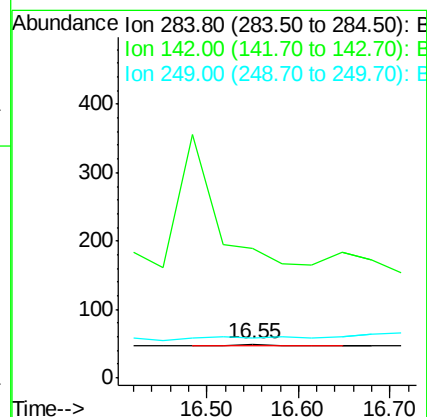
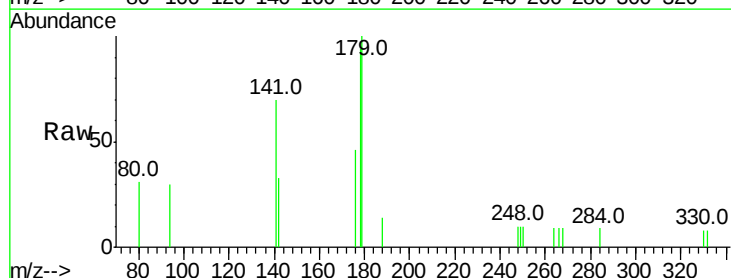
Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

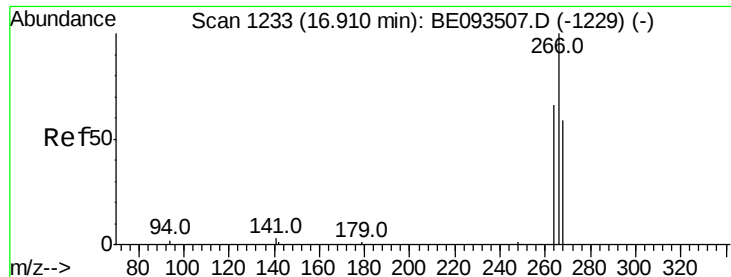
Tot Ion:248 Resp: 14
Ion Ratio Lower Upper
248 100
250 100.0 128.0 192.0#
141 498.2 12.0 18.0#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#22

Pentachlorophenol

Concen: 0.157 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

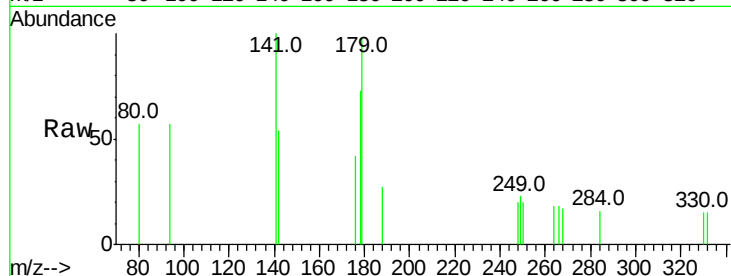
Tot Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 101.9 56.0 84.0#

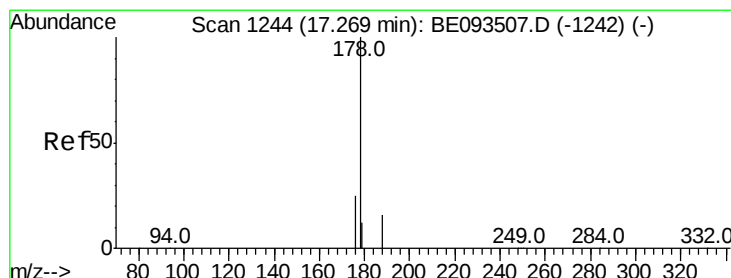
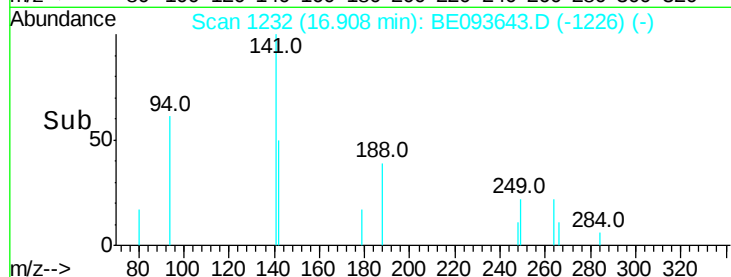
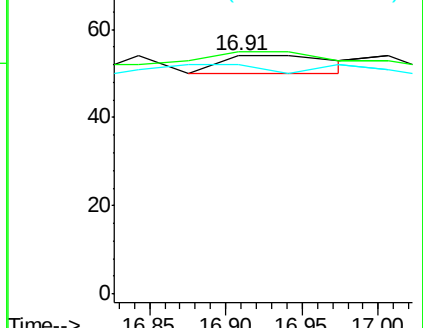
268 96.3 52.0 78.0#



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: 0.224 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

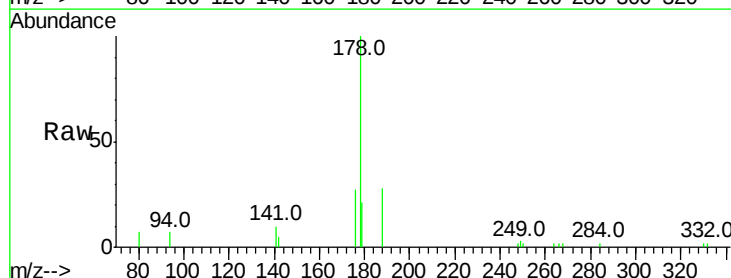
Tgt Ion:178 Resp: 9091

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

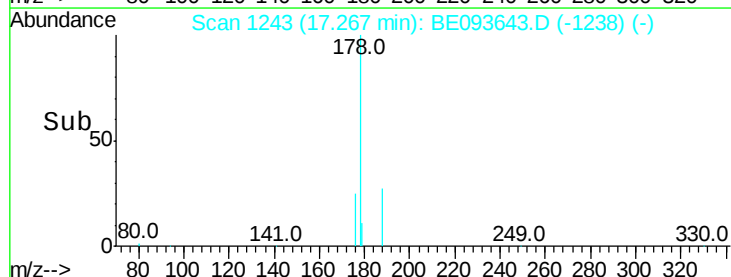
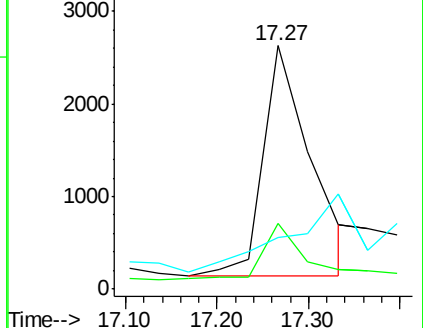
179 0.0 12.7 19.1#

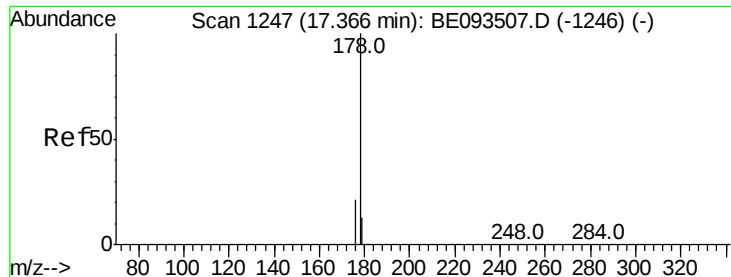


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.157 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.10 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

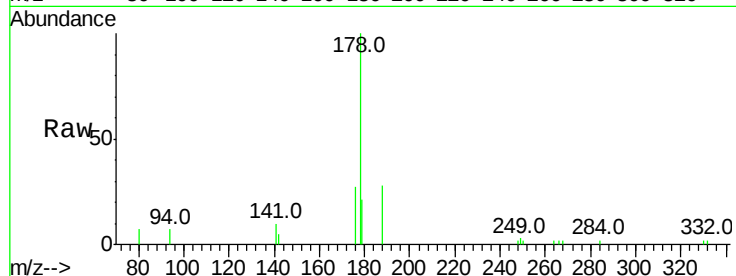
Tot Ion:178 Resp: 8702

Ion Ratio Lower Upper

178 100

176 21.4 14.6 22.0

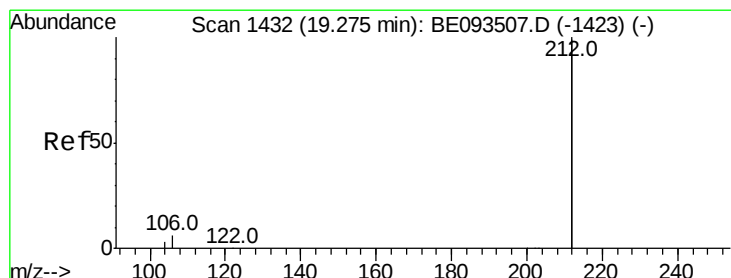
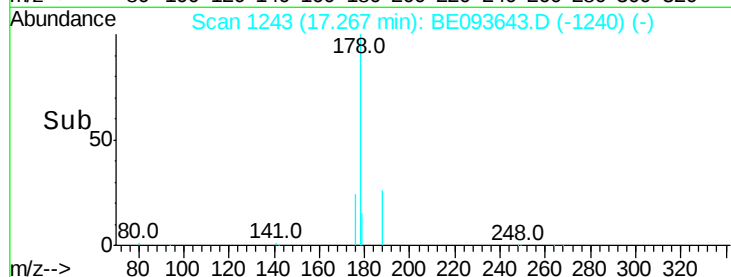
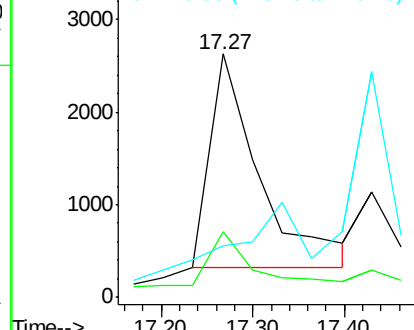
179 0.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.275 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

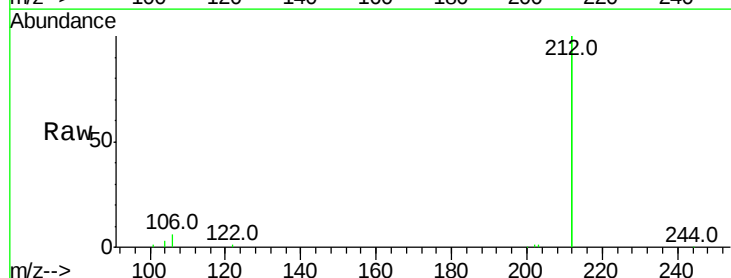
Tgt Ion:212 Resp: 57679

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

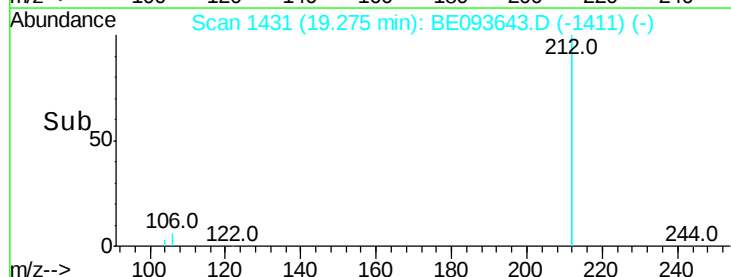
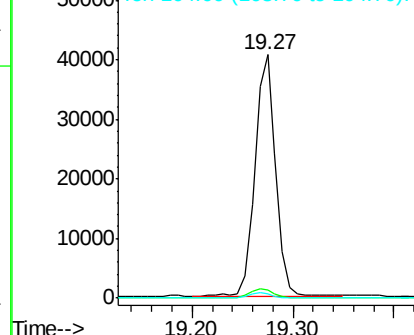
104 2.1 1.6 2.4

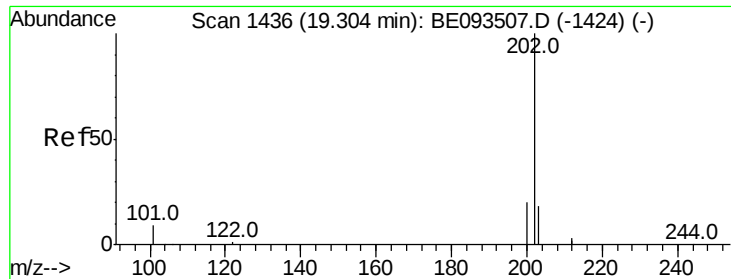


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

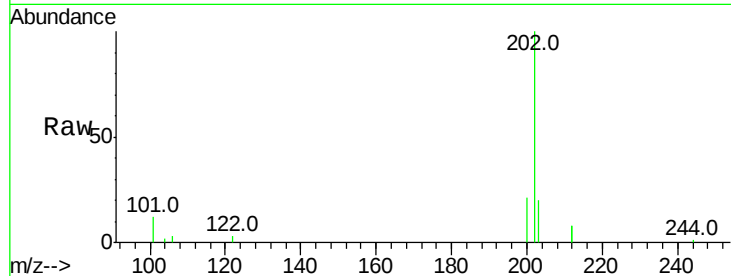




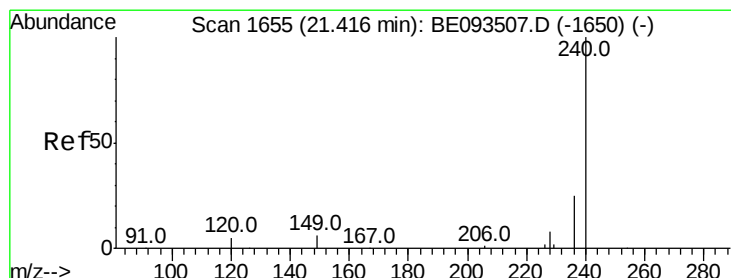
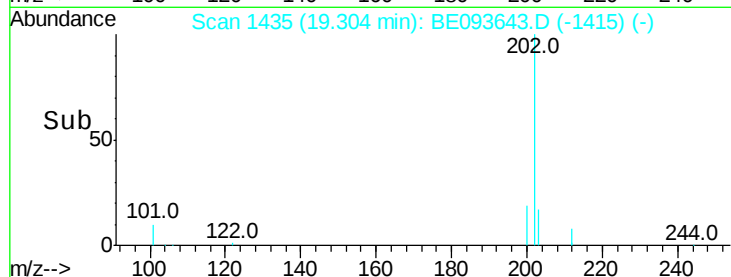
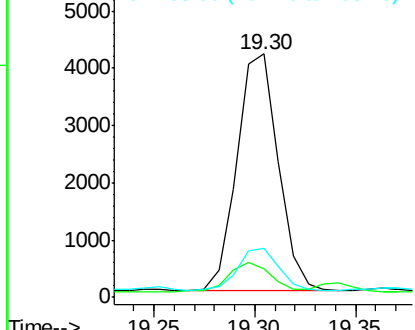
#26
 Fluoranthene
 Concen: 0.091 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Instrument :
 BNA_E
 ClientSampled :
 CSSB-30-2

Tot Ion:202 Resp: 5908
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.6 14.4
 203 17.4 14.4 21.6

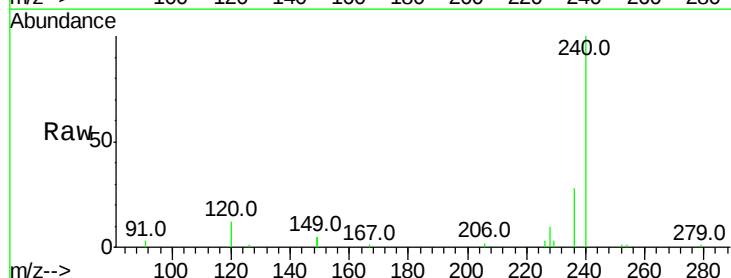


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

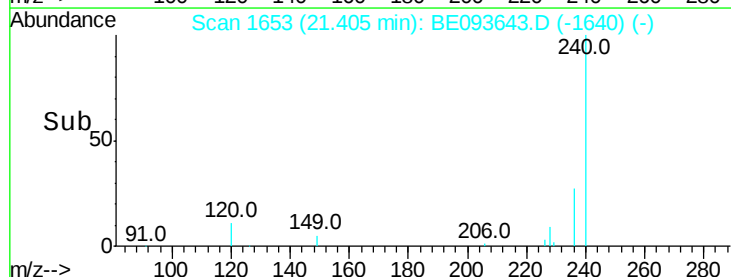
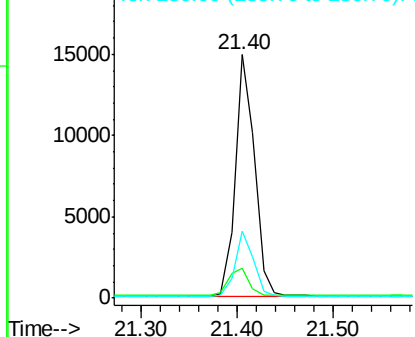


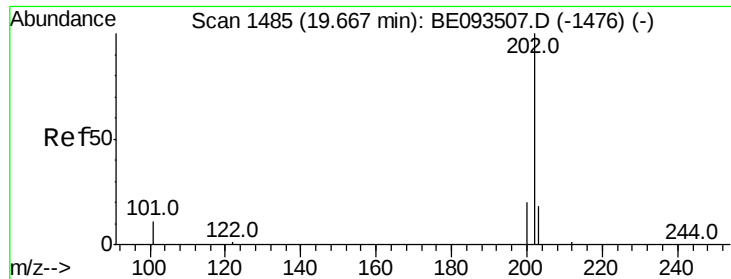
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE093643.D
 Acq: 3 Aug 2017 1:29

Tgt Ion:240 Resp: 20992
 Ion Ratio Lower Upper
 240 100
 120 12.1 4.6 7.0#
 236 27.7 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

Pvrene

Concen: 0.109 ng

RT: 19.66 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

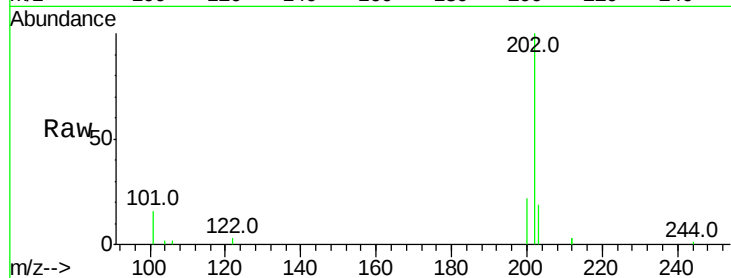
Tot Ion:202 Resp: 7365

Ion Ratio Lower Upper

202 100

200 20.6 0.0 0.0#

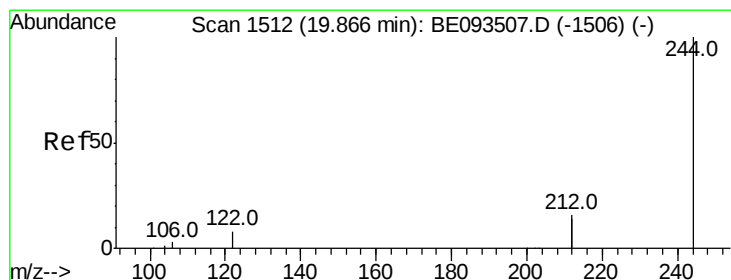
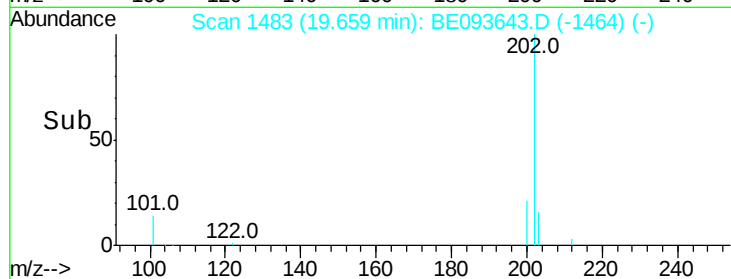
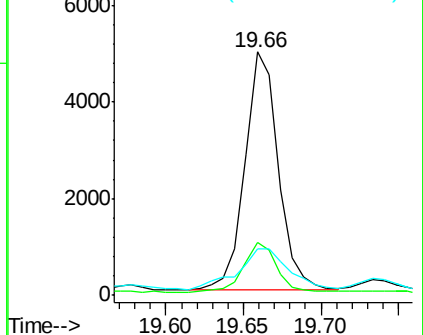
203 25.7 13.7 20.5#



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: 0.260 ng

RT: 19.86 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

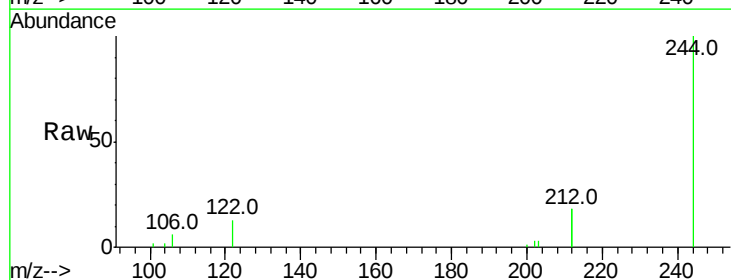
Tgt Ion:244 Resp: 9821

Ion Ratio Lower Upper

244 100

212 35.5 10.6 16.0#

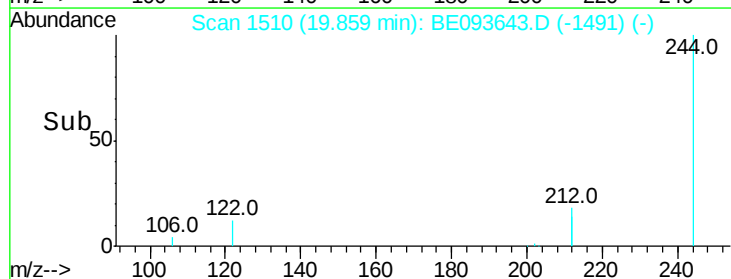
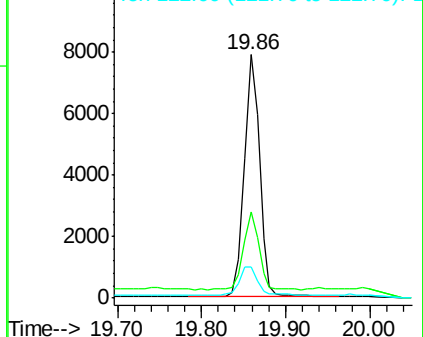
122 12.8 15.4 23.0#

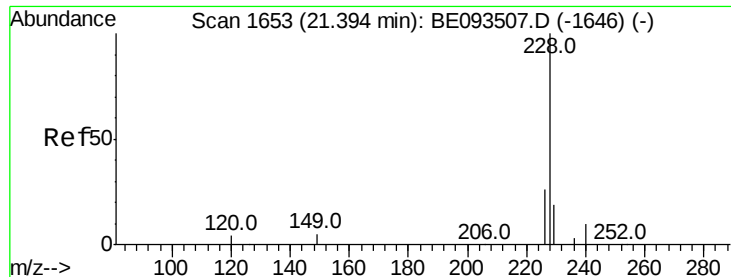


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.120 ng

RT: 21.39 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

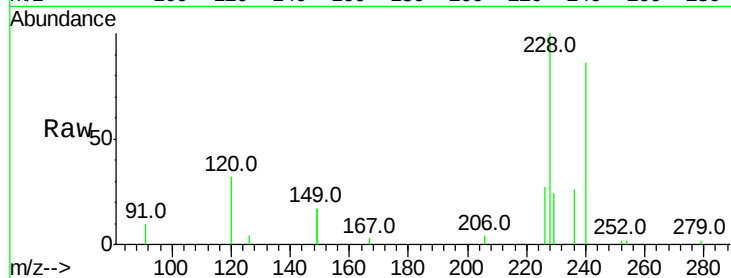
Tot Ion:228 Resp: 7399

Ion Ratio Lower Upper

228 100

226 27.0 19.7 29.5

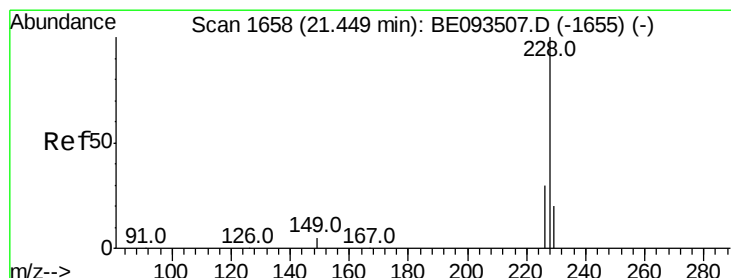
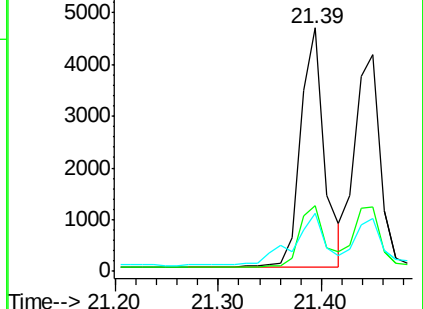
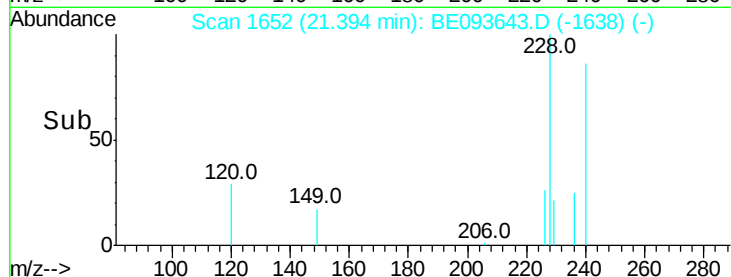
229 23.8 19.2 28.8



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: 0.101 ng

RT: 21.45 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

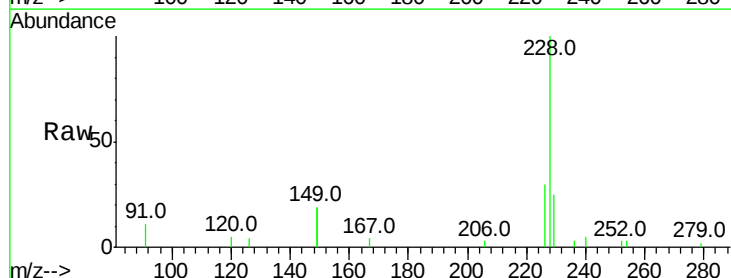
Tgt Ion:228 Resp: 6938

Ion Ratio Lower Upper

228 100

226 30.0 21.5 32.3

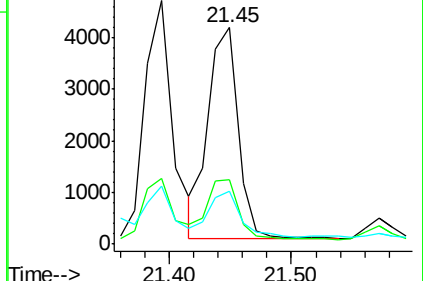
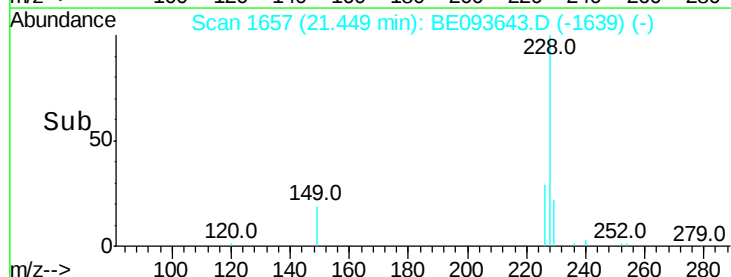
229 24.6 18.6 28.0

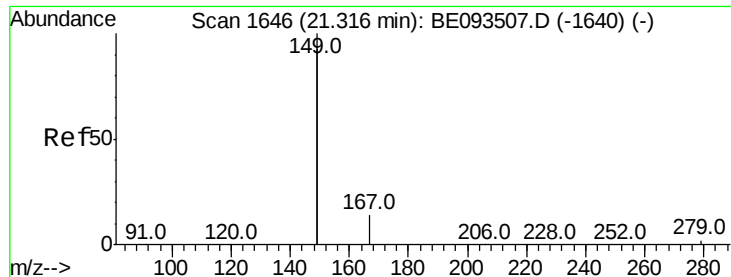


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.164 ng

RT: 21.30 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampled :

CSSB-30-2

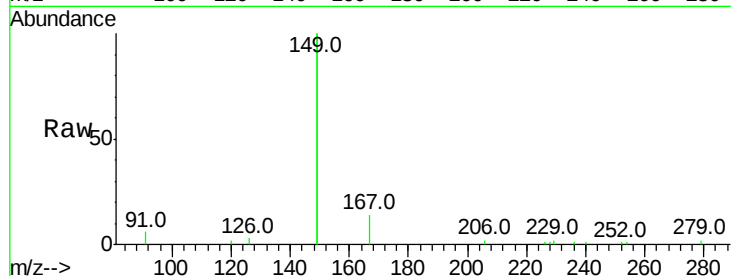
Tot Ion:149 Resp: 13782

Ion Ratio Lower Upper

149 100

167 7.2 4.8 7.2

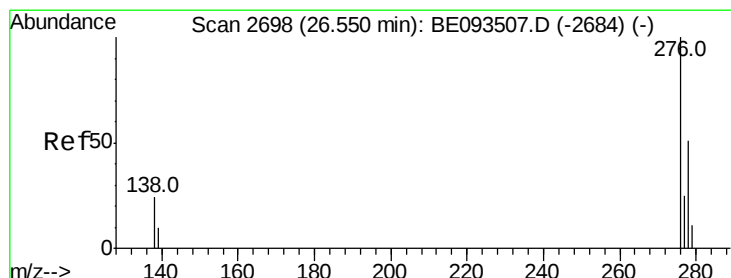
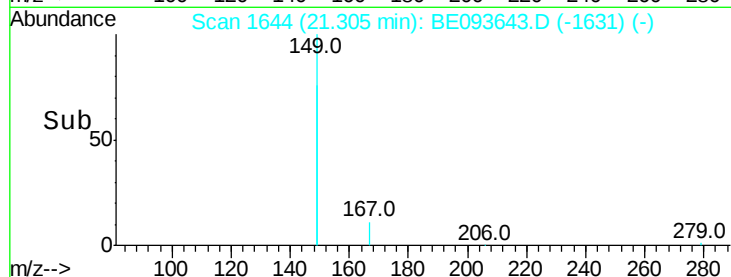
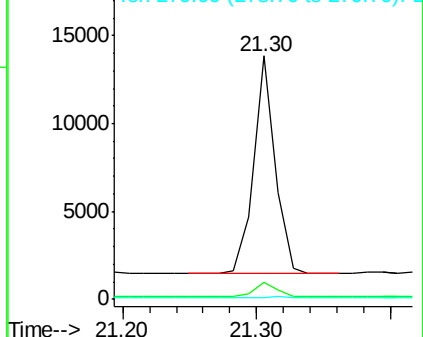
279 1.0 0.8 1.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng

RT: 26.54 min Scan# 2695

Delta R.T. -0.01 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

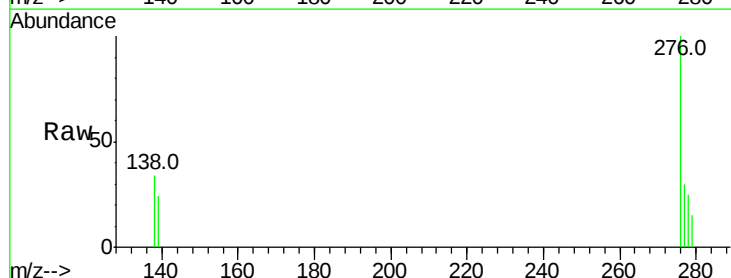
Tgt Ion:276 Resp: 2734

Ion Ratio Lower Upper

276 100

138 30.9 27.4 41.2

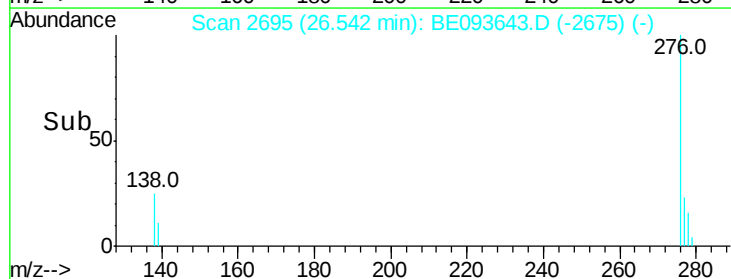
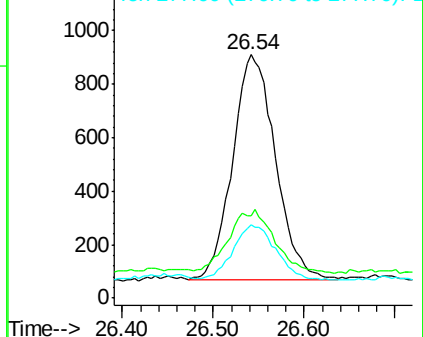
277 24.5 20.1 30.1

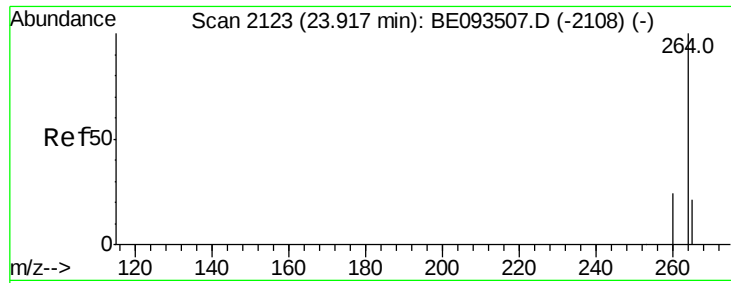


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

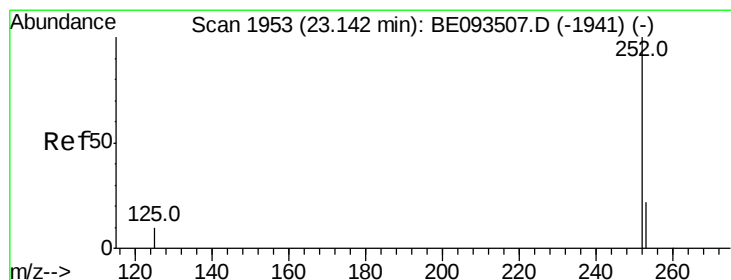
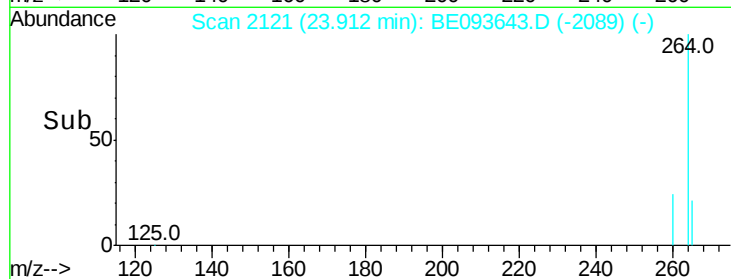
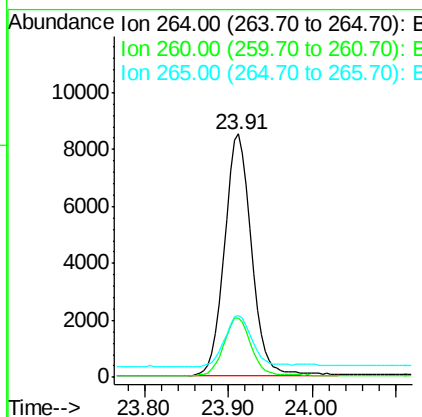
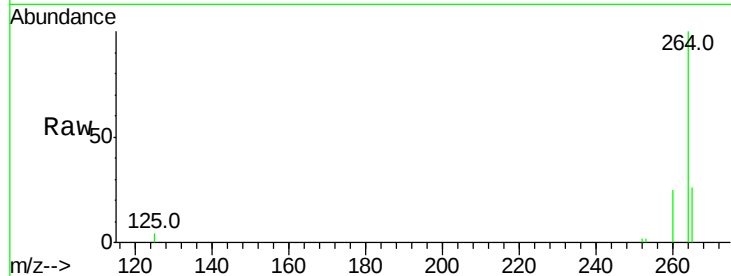




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

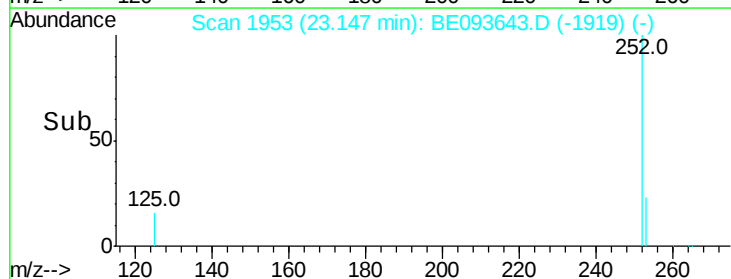
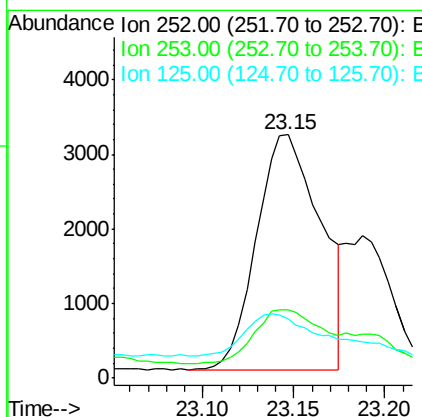
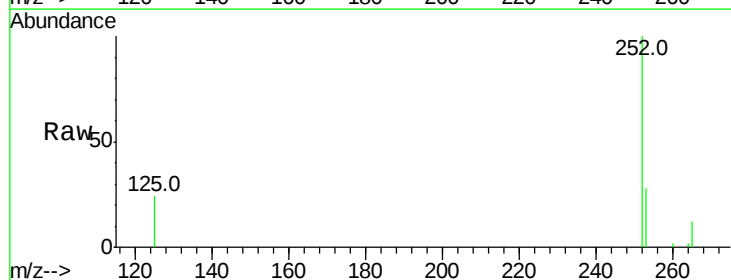
Instrument :
BNA_E
ClientSampleId :
CSSB-30-2

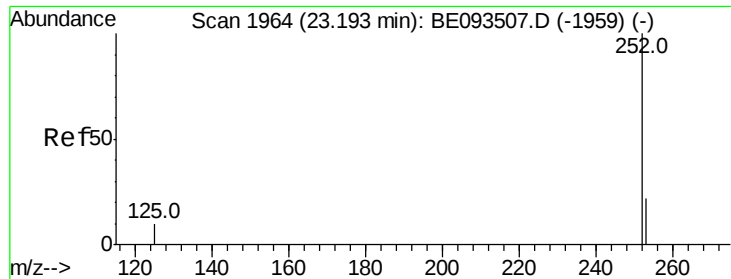
Tot Ion:264 Resp: 18837
Ion Ratio Lower Upper
264 100
260 24.6 21.0 31.4
265 25.5 24.6 36.8



#35
Benzo(b)fluoranthene
Concen: 0.115 ng
RT: 23.15 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE093643.D
Acq: 3 Aug 2017 1:29

Tgt Ion:252 Resp: 7707
Ion Ratio Lower Upper
252 100
253 28.2 18.5 27.7#
125 24.2 13.4 20.0#





#36

Benzo(k)fluoranthene

Concen: 0.112 ng

RT: 23.15 min Scan# 1953

Delta R.T. -0.05 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

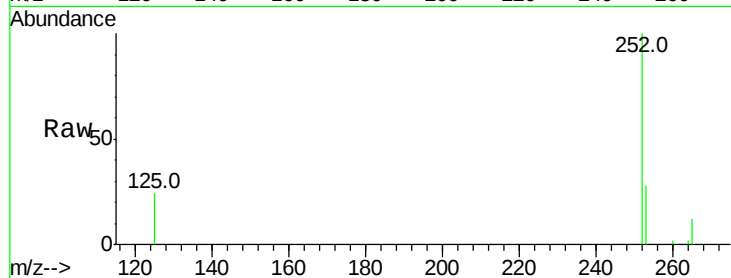
Tot Ion:252 Resp: 7703

Ion Ratio Lower Upper

252 100

253 28.2 20.3 30.5

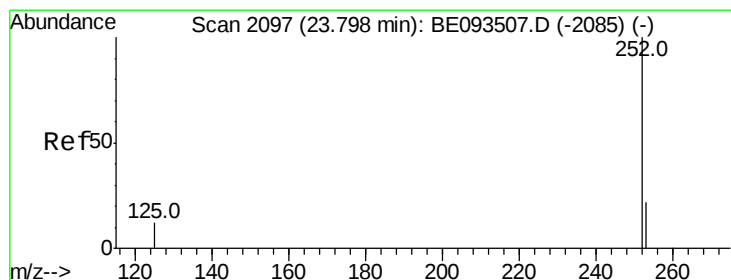
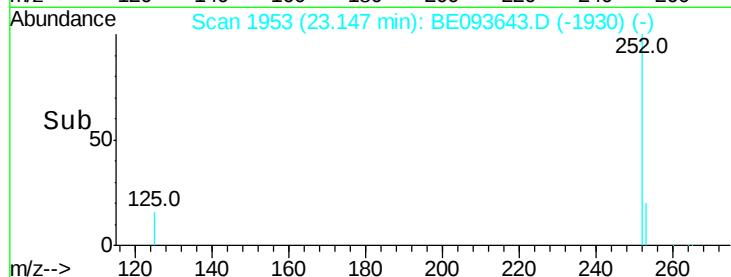
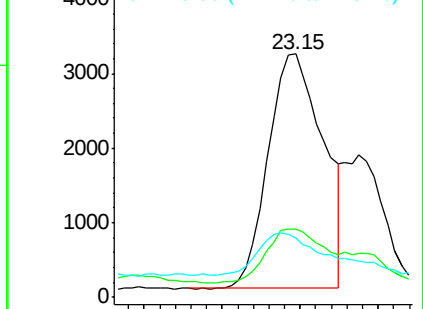
125 24.2 12.2 18.4#



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: 0.067 ng

RT: 23.80 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

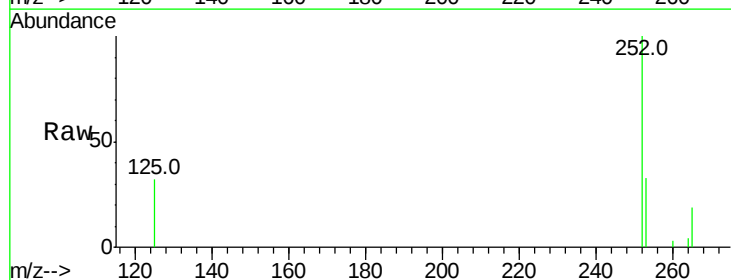
Tgt Ion:252 Resp: 4091

Ion Ratio Lower Upper

252 100

253 32.9 19.9 29.9#

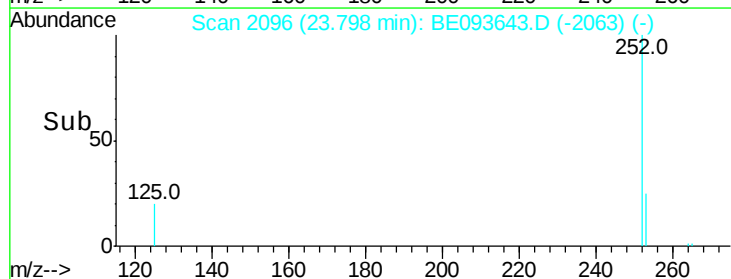
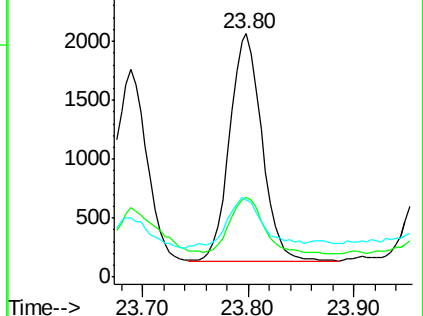
125 31.9 14.6 21.8#

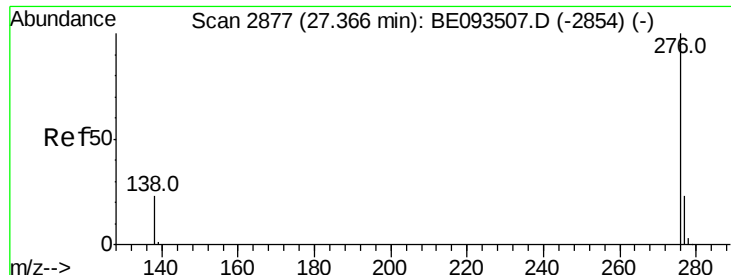


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.040 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE093643.D

Acq: 3 Aug 2017 1:29

Instrument :

BNA_E

ClientSampleId :

CSSB-30-2

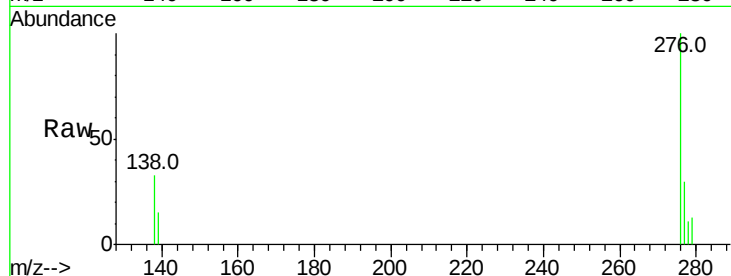
Tot Ion:276 Resp: 2406

Ion Ratio Lower Upper

276 100

277 30.3 21.2 31.8

138 33.0 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

