

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093633.D
 Acq On : 2 Aug 2017 19:19
 Operator : SJ/JU
 Sample : I4426-06
 Misc : I4426-07
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CCC-WATER-SUPPLY

Quant Time: Aug 03 02:47:59 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

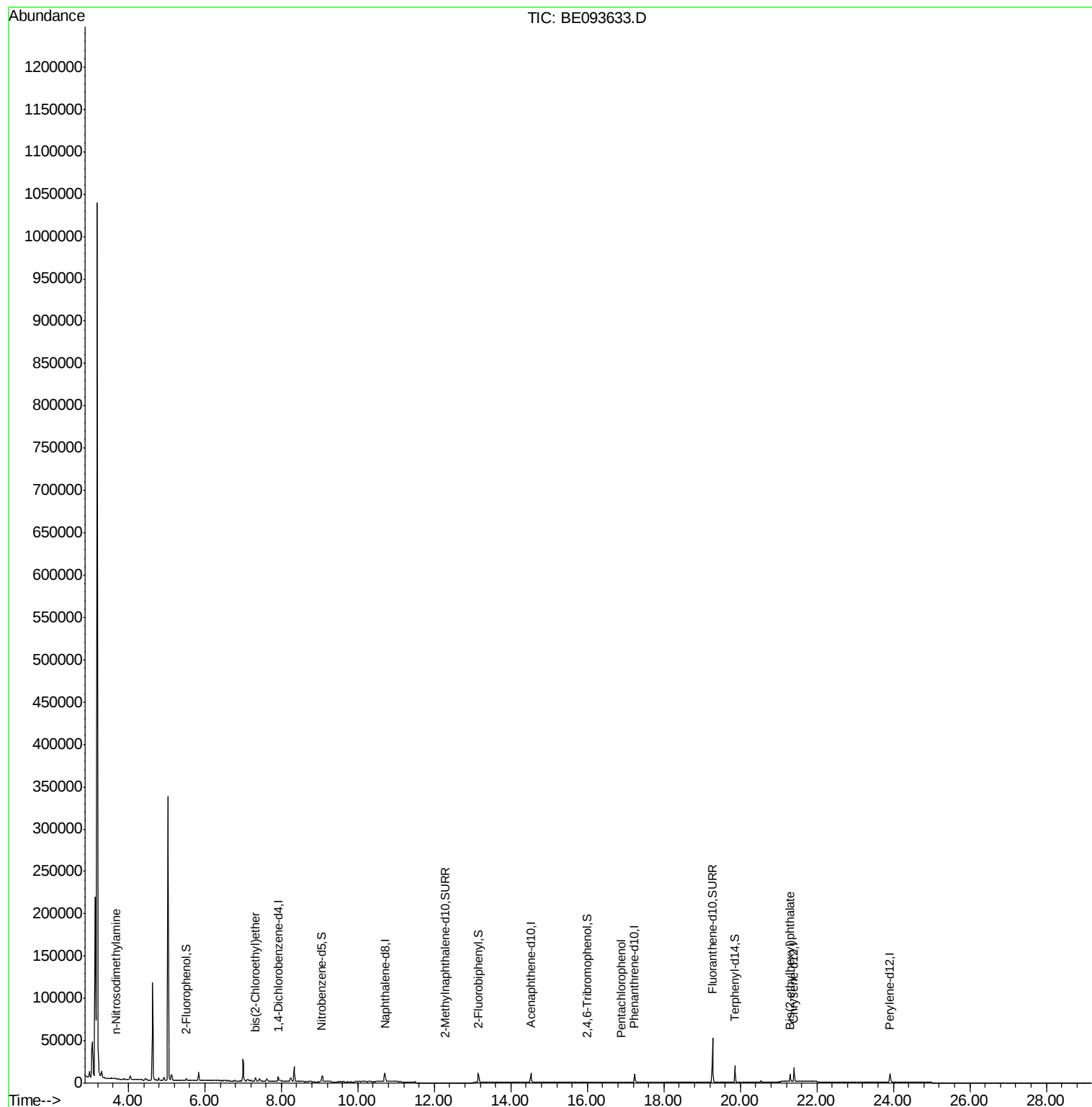
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2587	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12118	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6873	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16958	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18298	0.40	ng	-0.01
34) Perylene-d12	23.91	264	15727	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	896	0.12	ng	0.00
5) Phenol-d6	7.10	99	54	0.00	ng	0.00
8) Nitrobenzene-d5	9.06	82	3441	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	448	0.02	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	201	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11409	0.41	ng	-0.02
25) Fluoranthene-d10	19.27	212	69524	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	16210	0.49	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.69	42	276	0.070	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	2756	0.283	ng	# 99
20) 4-Bromophenyl-phenylether	16.49	248	2	Below Cal		# 31
22) Pentachlorophenol	16.88	266	78	0.174	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.30	149	10153	0.138	ng	99

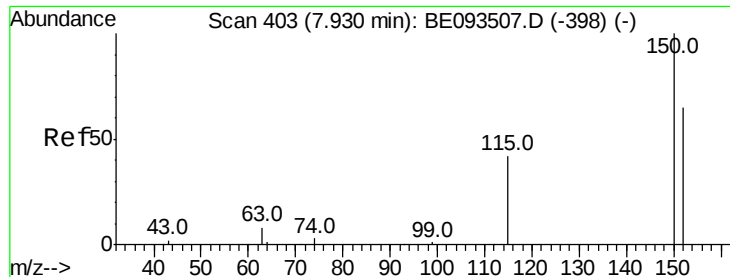
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. -0.00 min

Lab File: BE093633.D

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Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

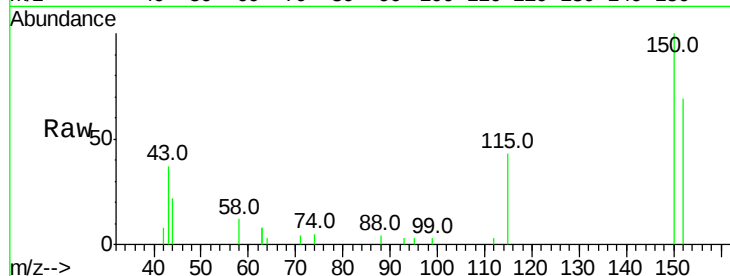
Tot Ion:152 Resp: 2587

Ion Ratio Lower Upper

152 100

150 145.7 125.1 187.7

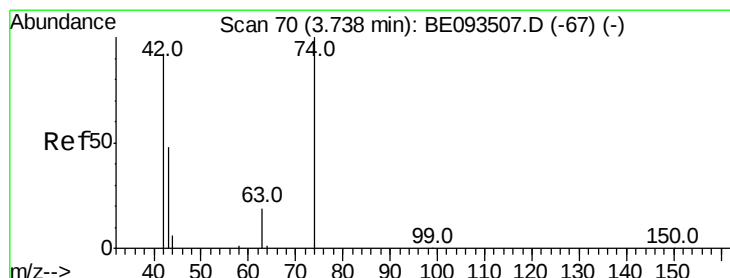
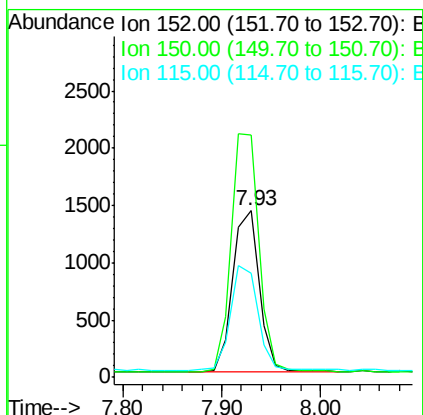
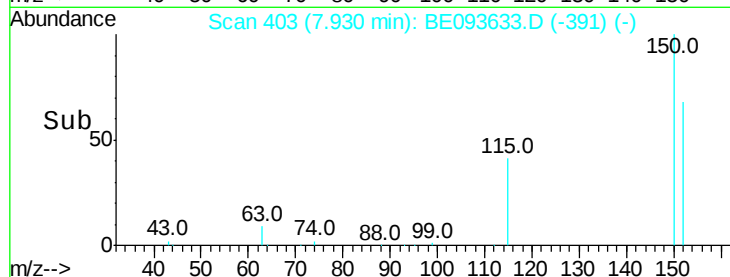
115 62.4 55.7 83.5



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



#3

n-Nitrosodimethylamine

Concen: 0.070 ng

RT: 3.69 min Scan# 66

Delta R.T. -0.05 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

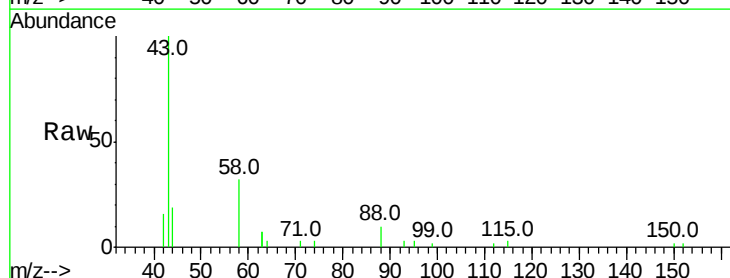
Tgt Ion: 42 Resp: 276

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

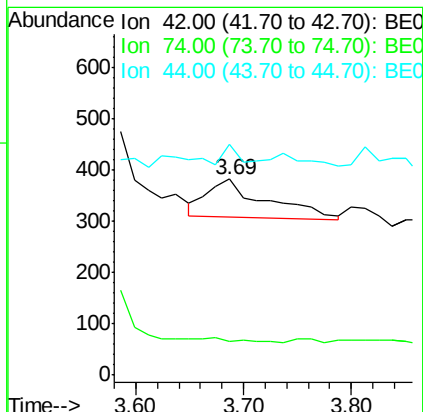
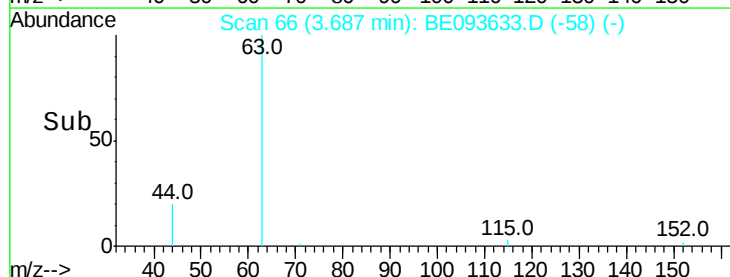
44 14.1 7.4 11.2#

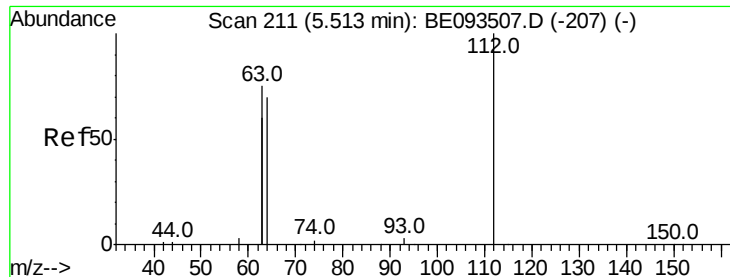


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

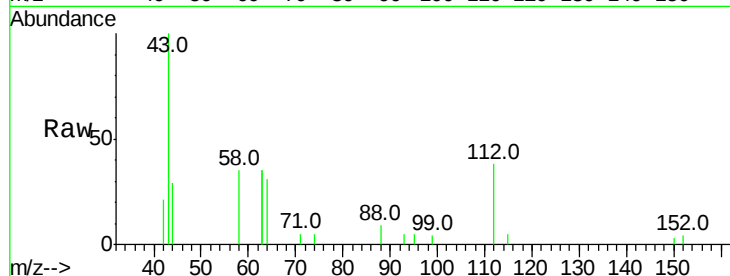
Tot Ion:112 Resp: 896

Ion Ratio Lower Upper

112 100

64 70.0 56.4 84.6

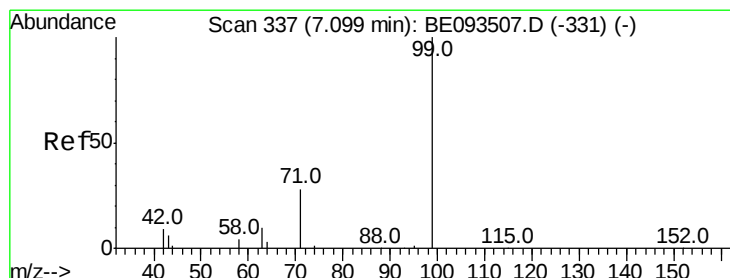
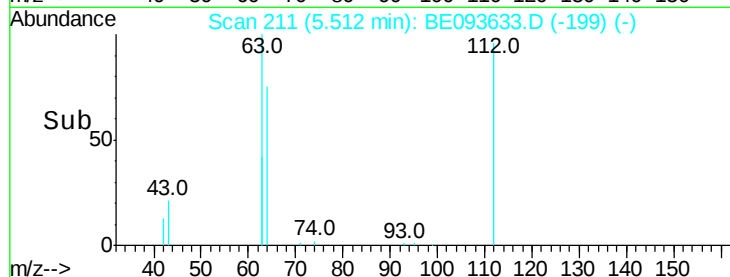
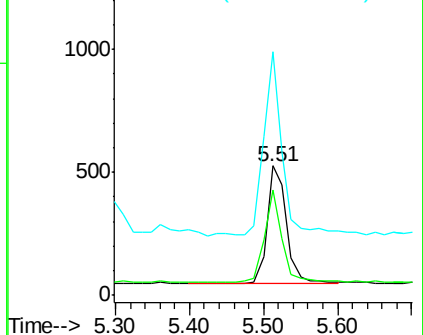
63 138.4 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.005 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

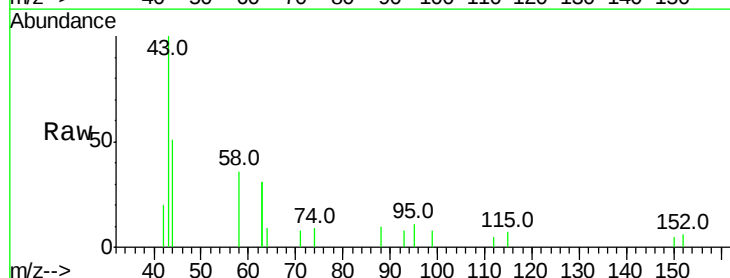
Tgt Ion: 99 Resp: 54

Ion Ratio Lower Upper

99 100

42 127.8 0.0 0.0#

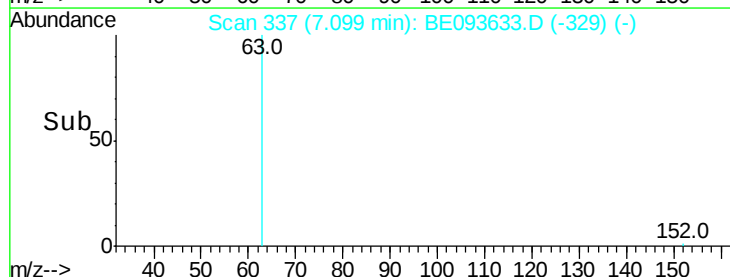
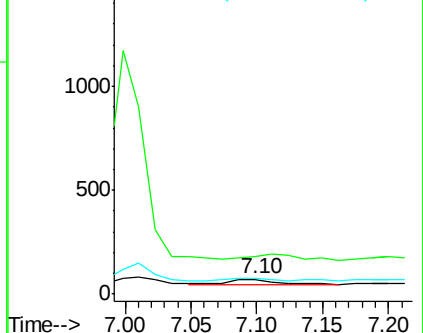
71 0.0 0.0 0.0

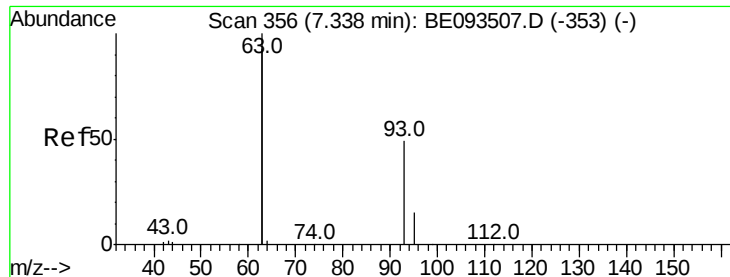


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.283 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

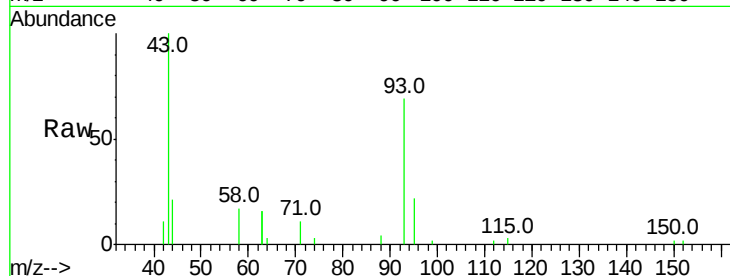
Tot Ion: 93 Resp: 2756

Ion Ratio Lower Upper

93 100

63 29.3 0.0 0.0#

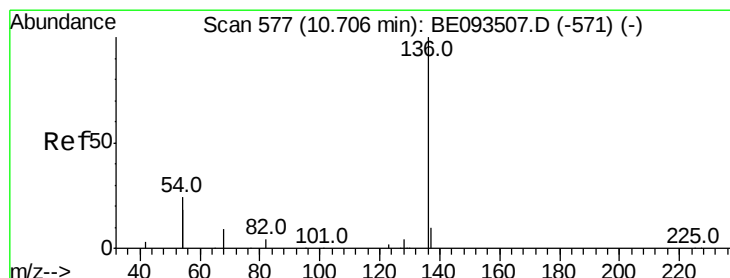
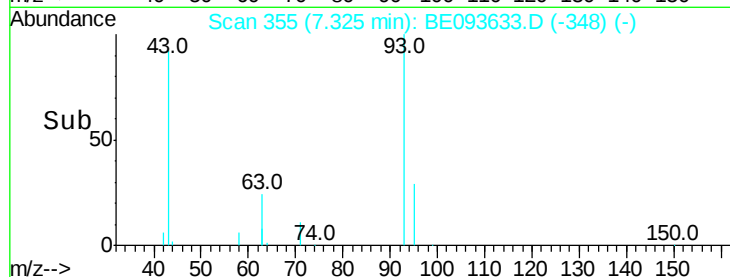
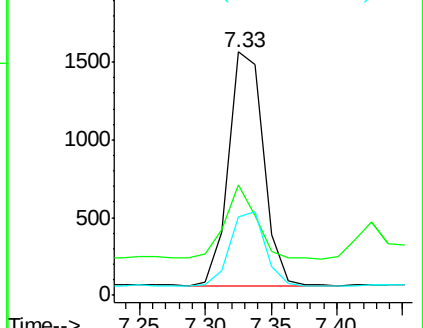
95 32.1 25.4 38.0



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: BE093633.D

Acq: 2 Aug 2017 19:19

Tgt Ion: 136 Resp: 12118

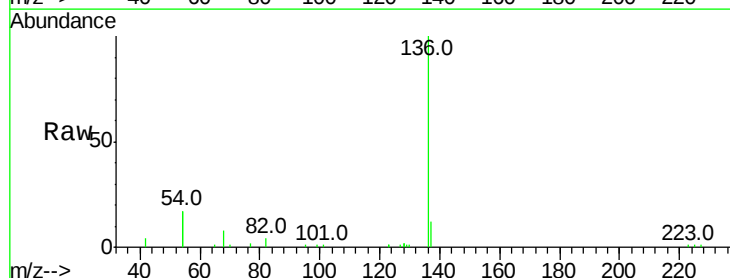
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 34.0 10.3 15.5#

68 7.6 9.0 13.4#

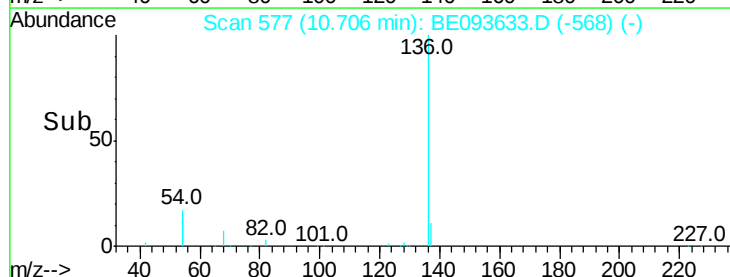
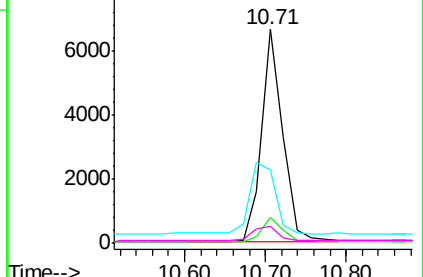


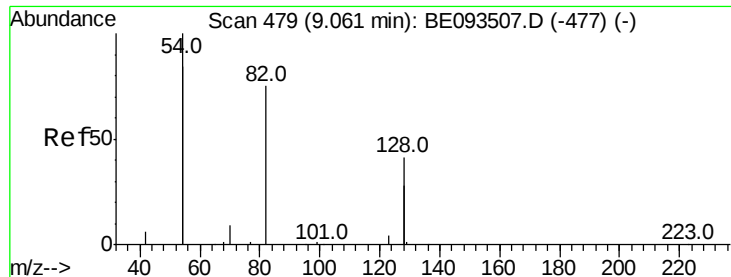
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

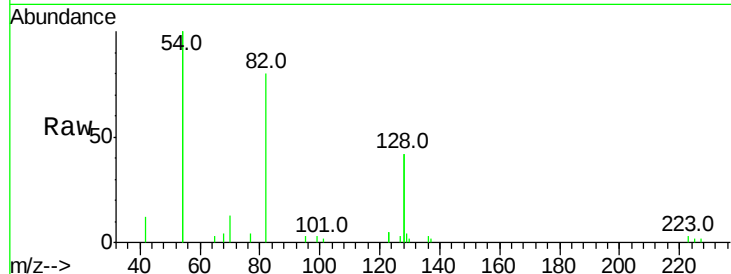
Tot Ion: 82 Resp: 3441

Ion Ratio Lower Upper

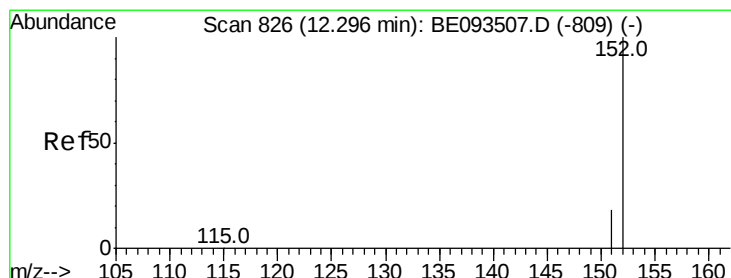
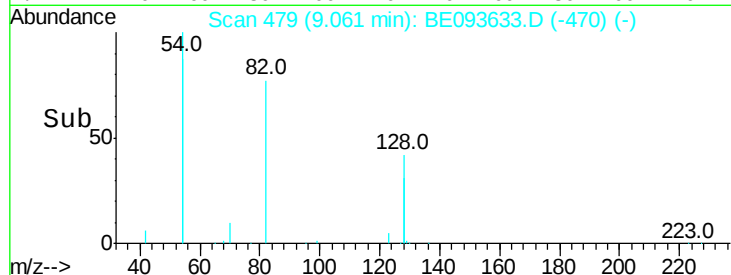
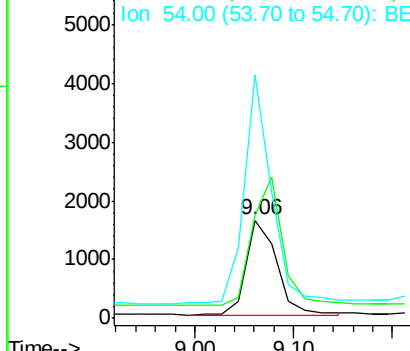
82 100

128 104.7 17.0 25.4#

54 249.0 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.023 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093633.D

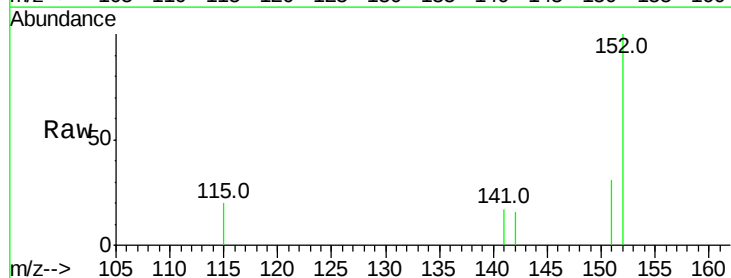
Acq: 2 Aug 2017 19:19

Tgt Ion: 152 Resp: 448

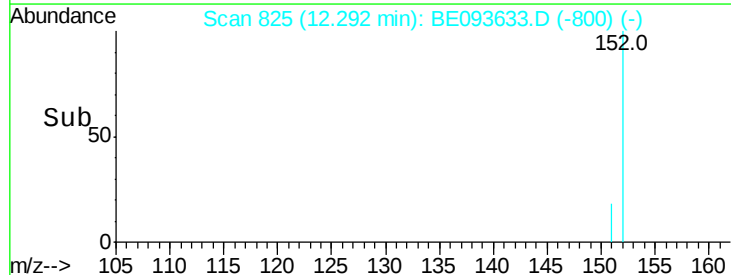
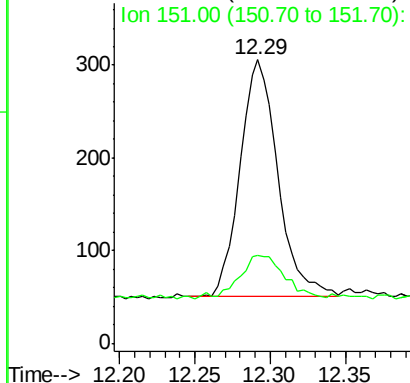
Ion Ratio Lower Upper

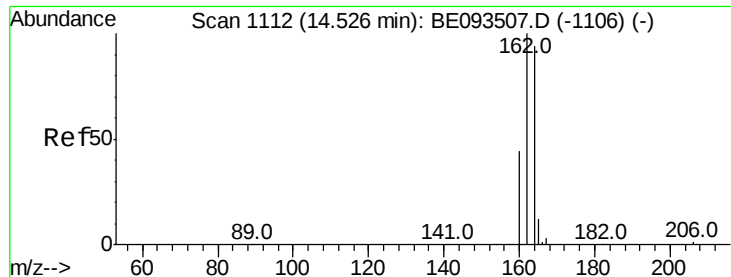
152 100

151 20.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE
Ion 151.00 (150.70 to 151.70): BE

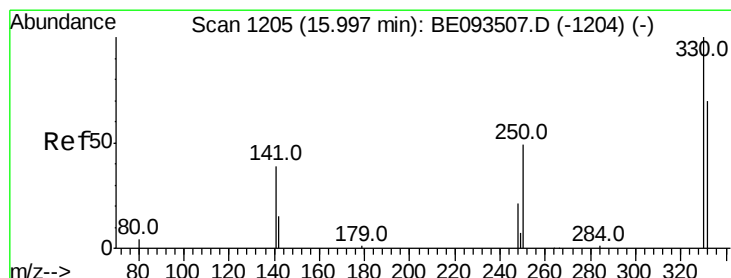
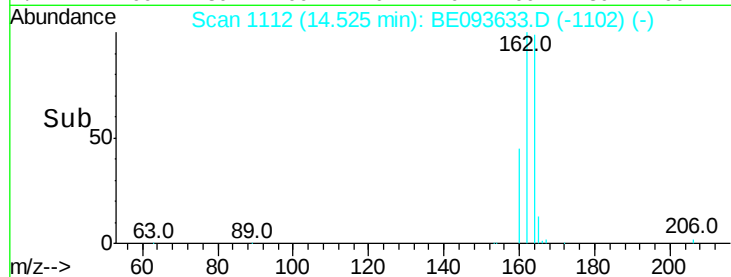
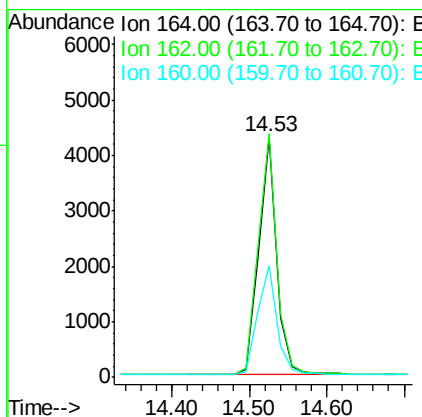
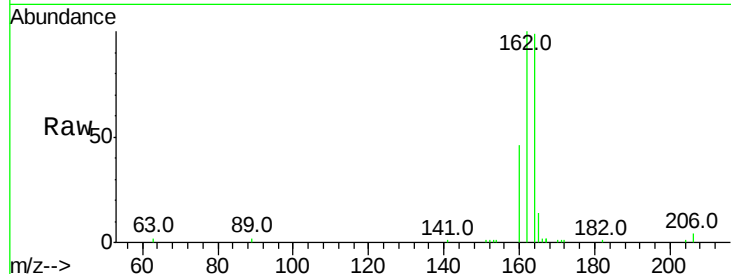




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093633.D
 Acq: 2 Aug 2017 19:19

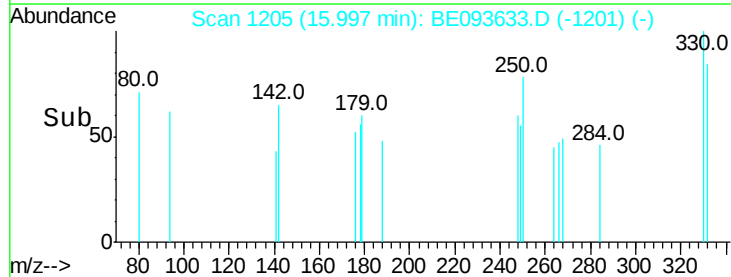
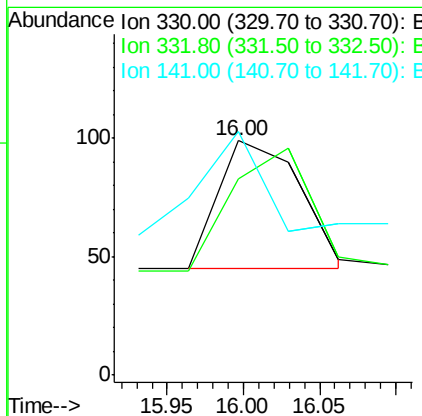
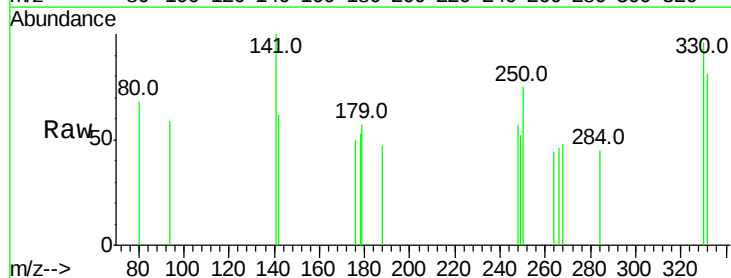
Instrument :
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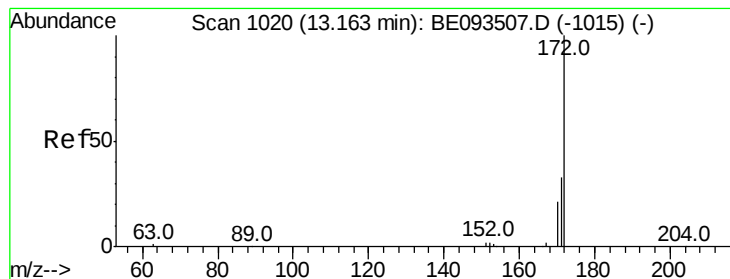
Tot Ion:164 Resp: 6873
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.6 127.0
 160 46.6 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.205 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093633.D
 Acq: 2 Aug 2017 19:19

Tgt Ion:330 Resp: 201
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 60.2 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

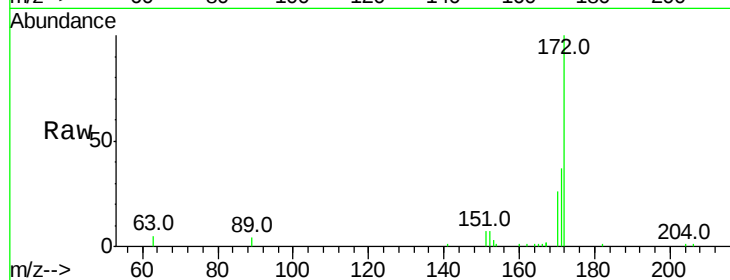
Tot Ion:172 Resp: 11409

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

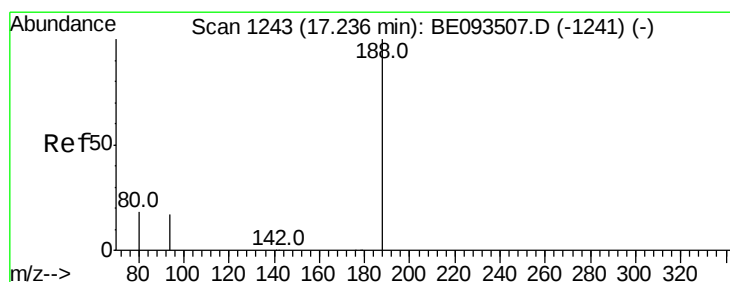
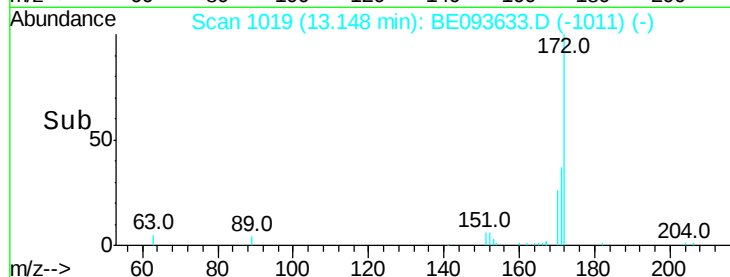
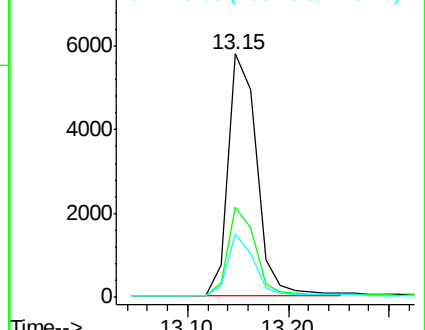
170 25.9 20.7 31.1



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

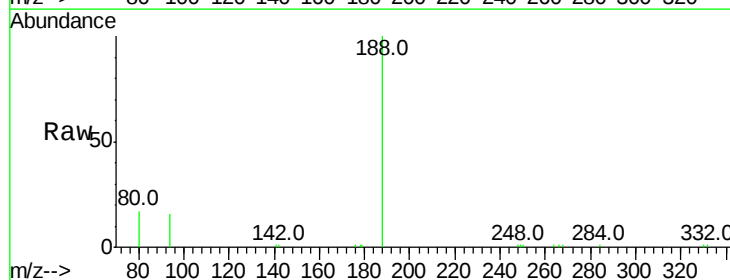
Tgt Ion:188 Resp: 16958

Ion Ratio Lower Upper

188 100

94 15.7 11.3 16.9

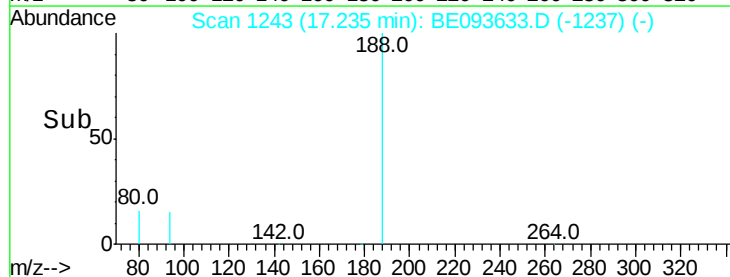
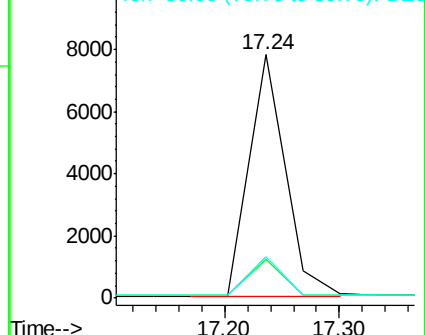
80 16.9 11.7 17.5

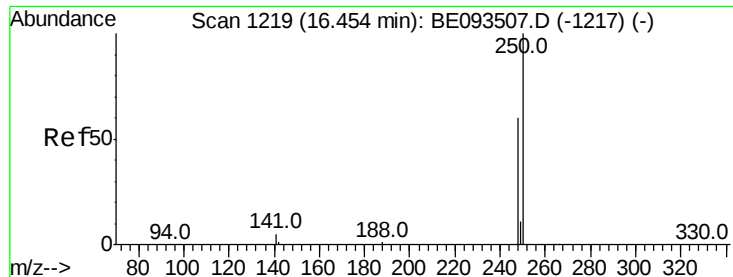


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

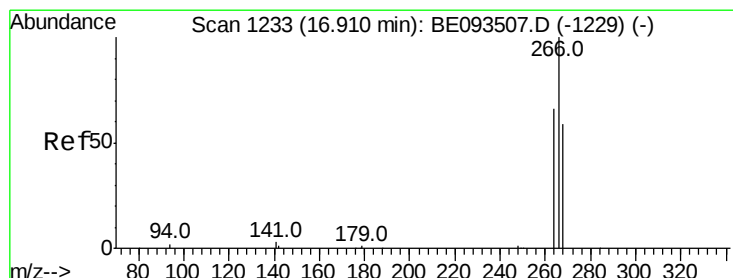
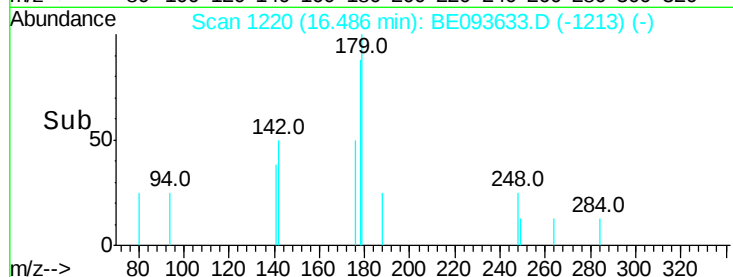
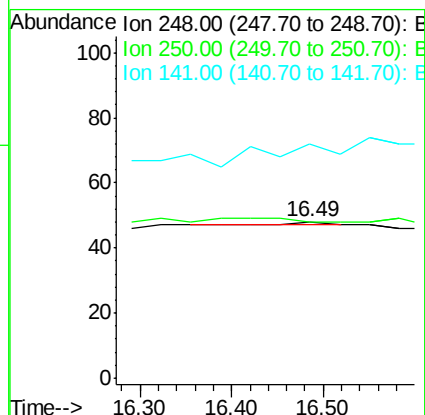
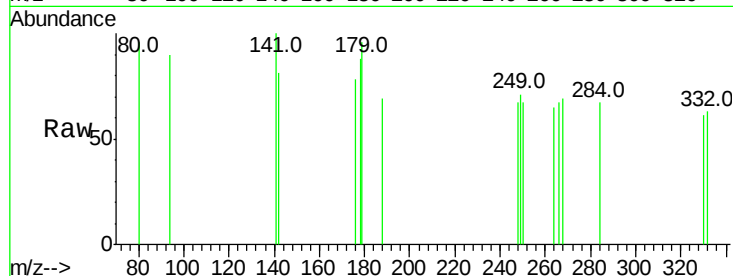




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. 0.03 min
Lab File: BE093633.D
Acq: 2 Aug 2017 19:19

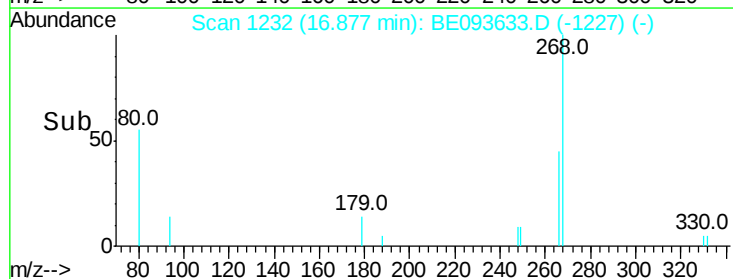
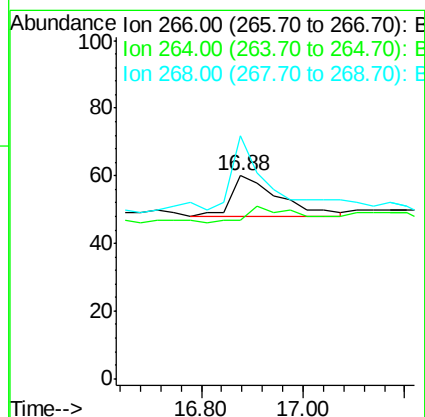
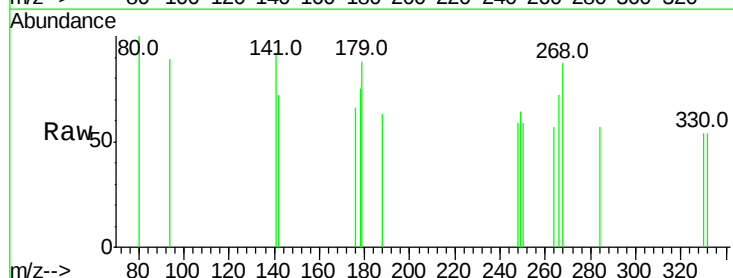
Instrument :
BNA_E
ClientSampleId :
CCC-WATER-SUPPLY

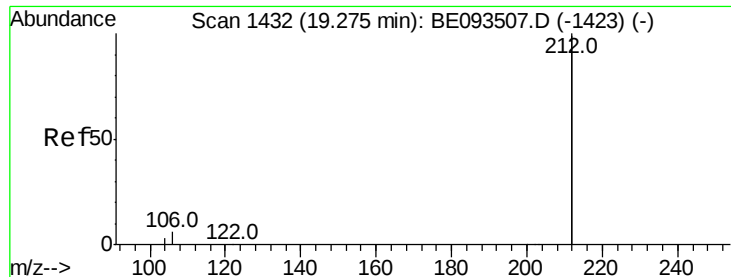
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 100.0 128.0 192.0#
141 150.0 12.0 18.0#



#22
Pentachlorophenol
Concen: 0.174 ng
RT: 16.88 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BE093633.D
Acq: 2 Aug 2017 19:19

Tgt Ion:266 Resp: 78
Ion Ratio Lower Upper
266 100
264 78.3 56.0 84.0
268 120.0 52.0 78.0#





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

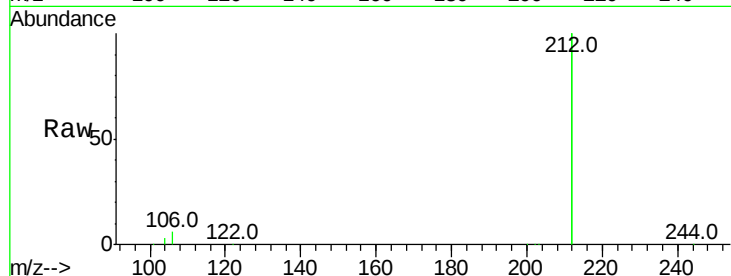
Tot Ion:212 Resp: 69524

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

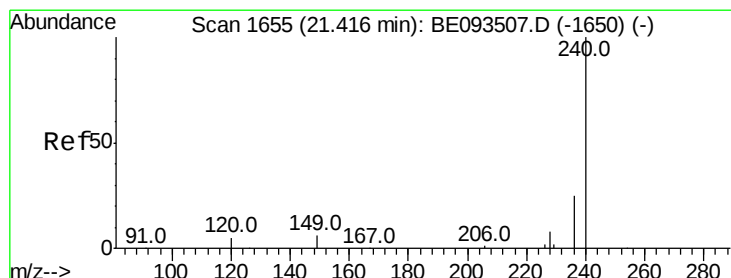
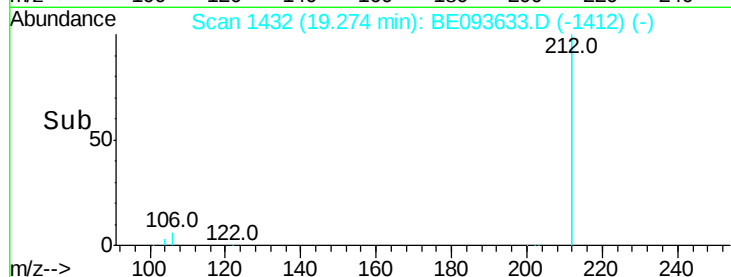
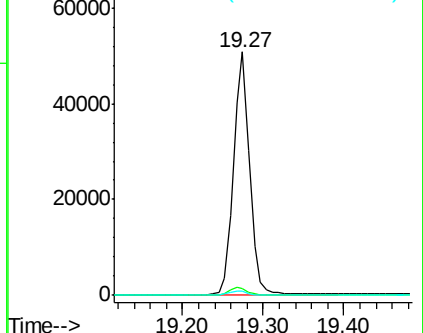
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

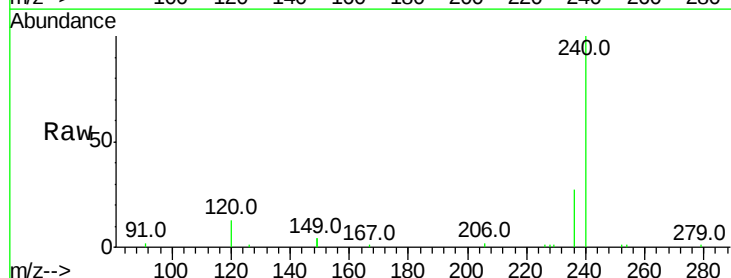
Tgt Ion:240 Resp: 18298

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

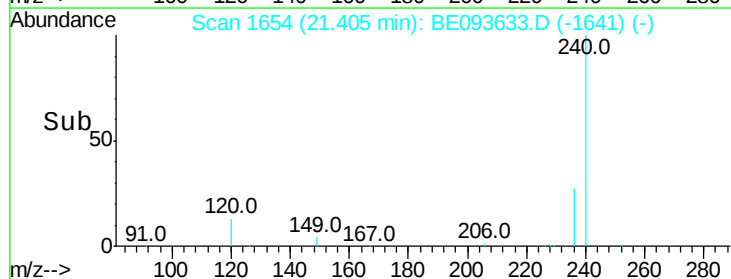
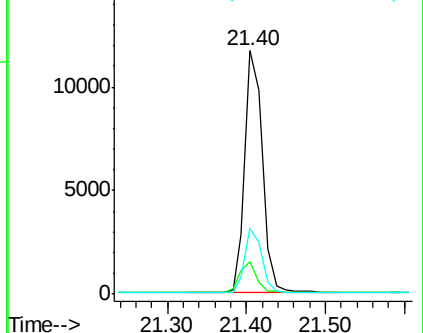
236 27.1 20.8 31.2

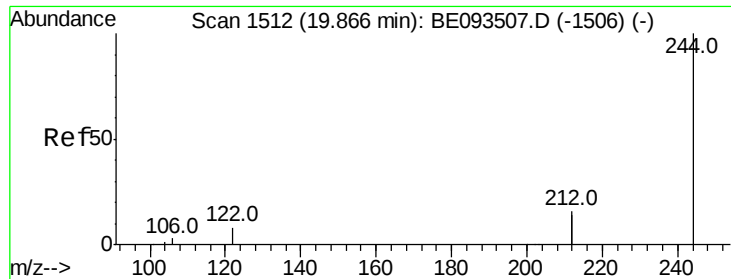


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.493 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

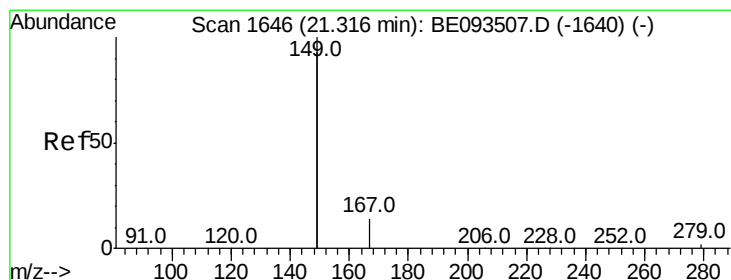
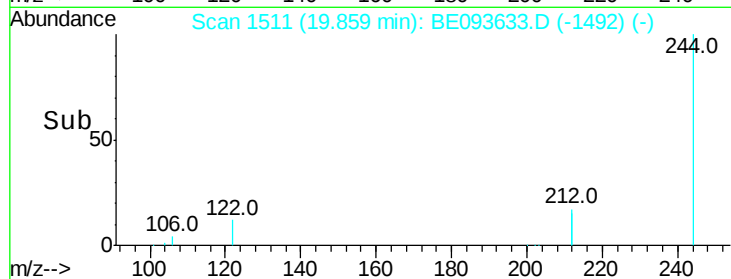
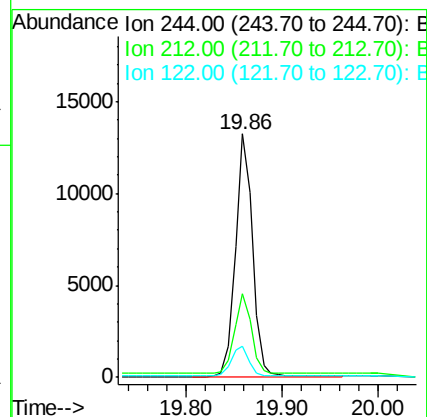
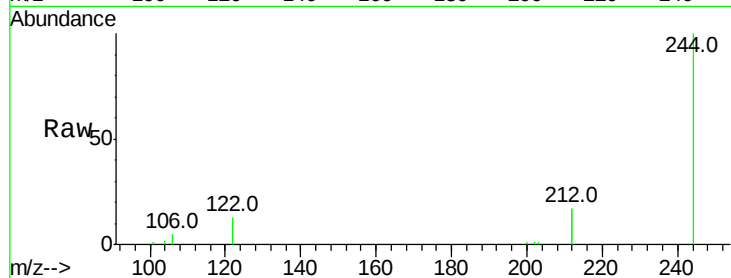
Tot Ion:244 Resp: 16210

Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

122 12.5 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

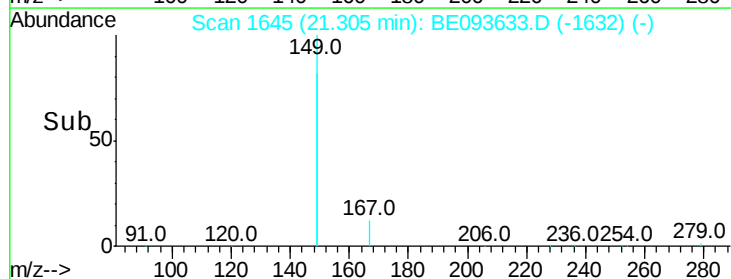
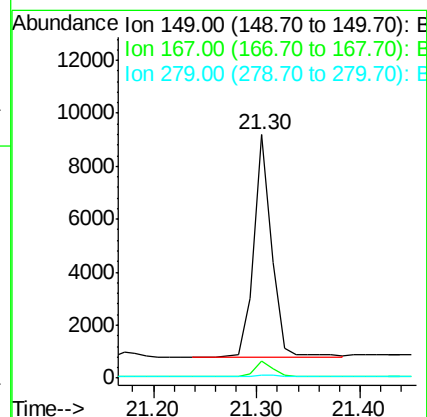
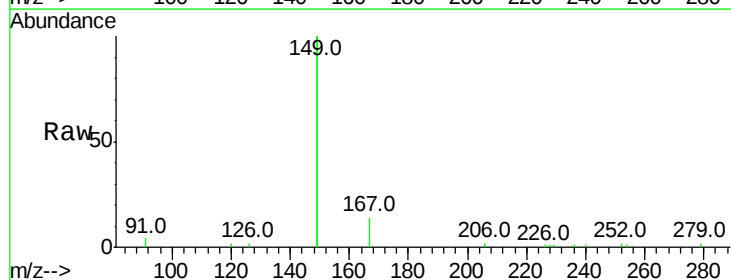
Tgt Ion:149 Resp: 10153

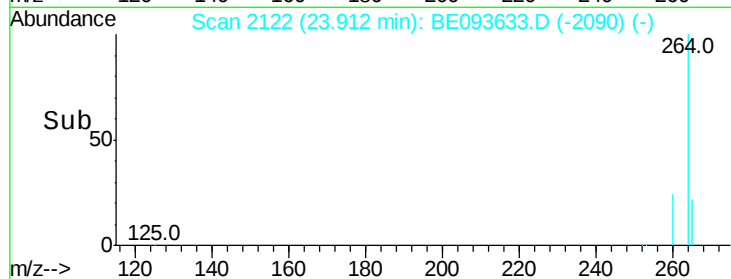
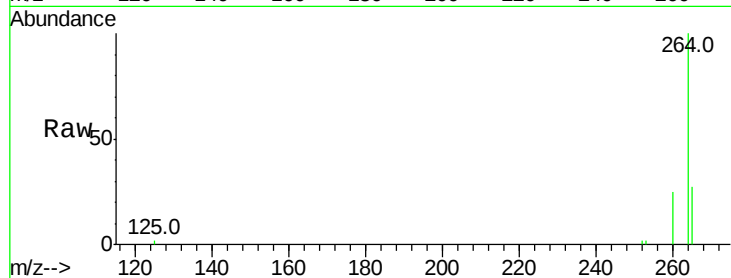
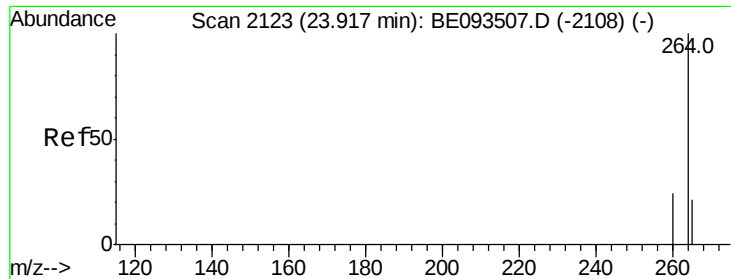
Ion Ratio Lower Upper

149 100

167 6.5 4.8 7.2

279 0.9 0.8 1.2





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

Tot Ion:264 Resp: 15727

Ion Ratio Lower Upper

264 100

260 24.6 21.0 31.4

265 26.8 24.6 36.8

