

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 :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CCC-WATER-SUPPLY

Quant Time: Aug 03 03:46:08 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

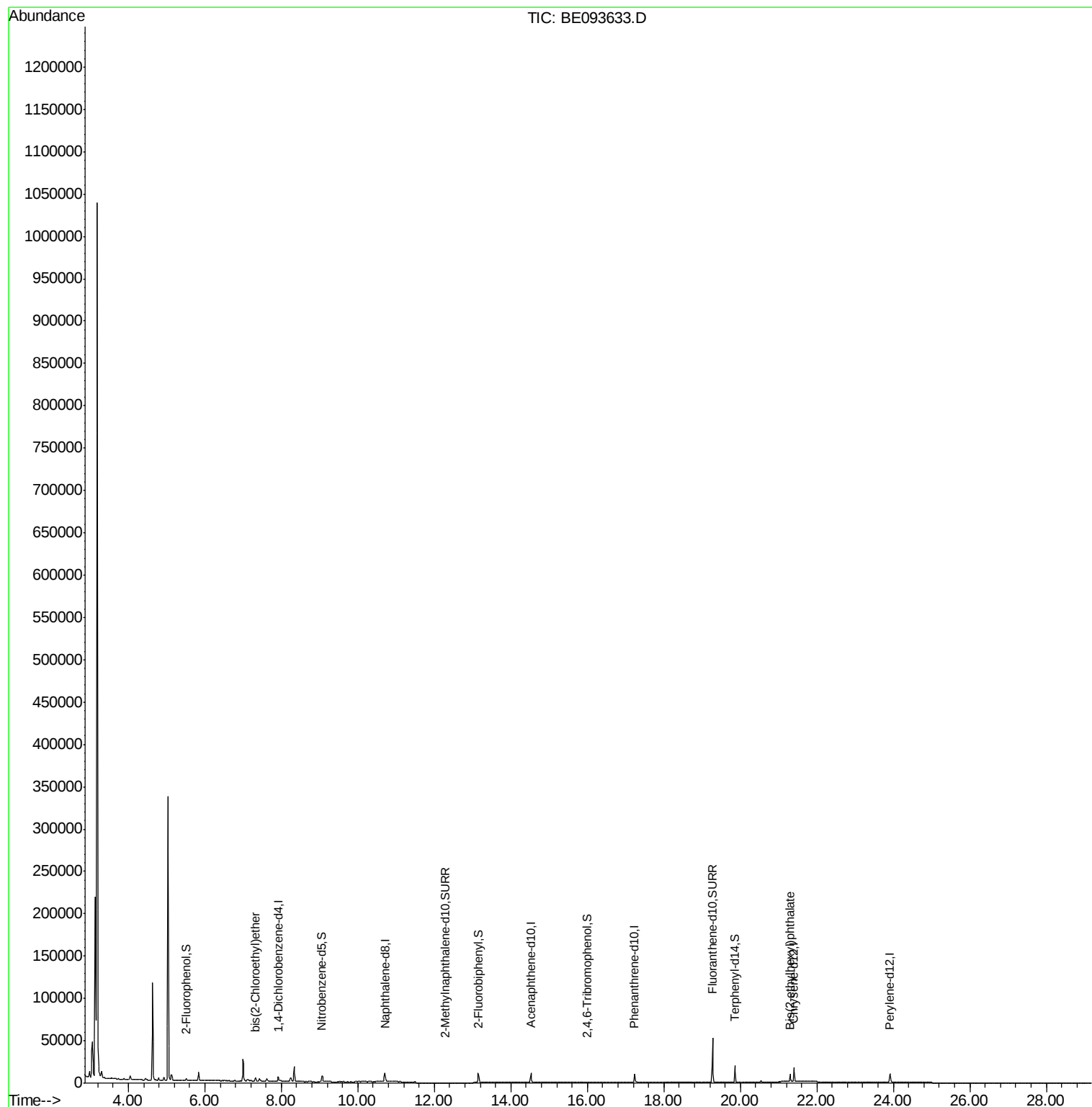
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	7.33	93	2756	0.283	ng	# 99
32) Bis(2-ethylhexyl)phthalate	21.30	149	10153	0.138	ng	99

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

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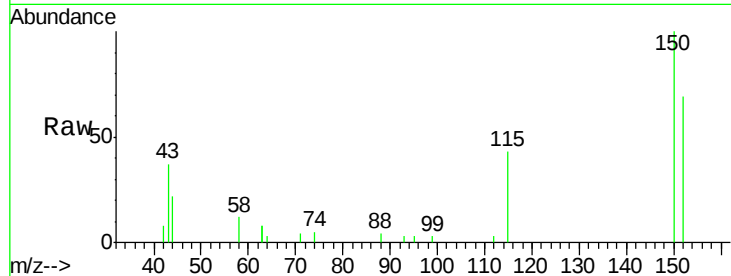


#1

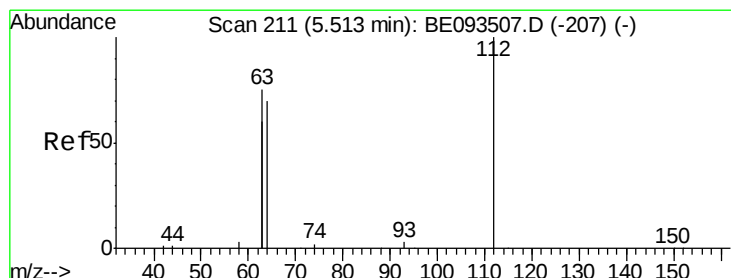
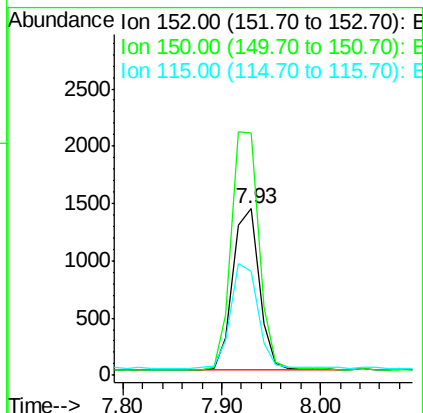
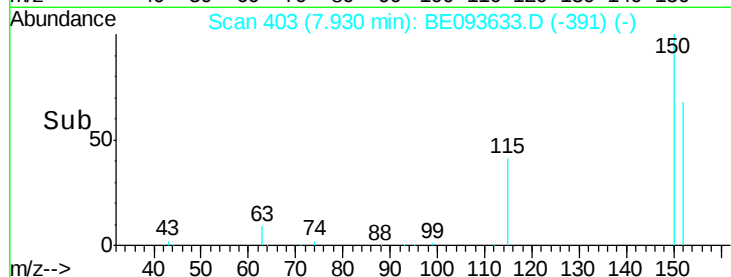
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093633.D
Acq: 2 Aug 2017 19:19

Instrument :
BNA_E
ClientSampleId :
CCC-WATER-SUPPLY

Tgt Ion:152 Resp: 2587
Ion Ratio Lower Upper
152 100
150 145.7 125.1 187.7
115 62.4 55.7 83.5



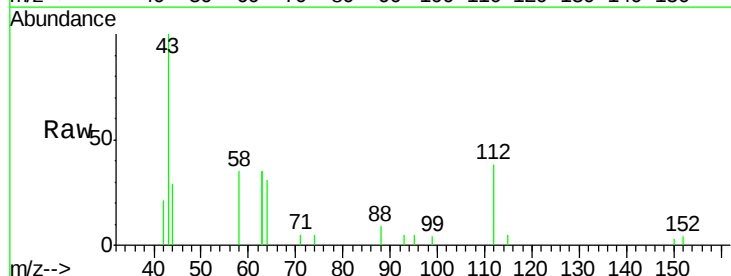
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



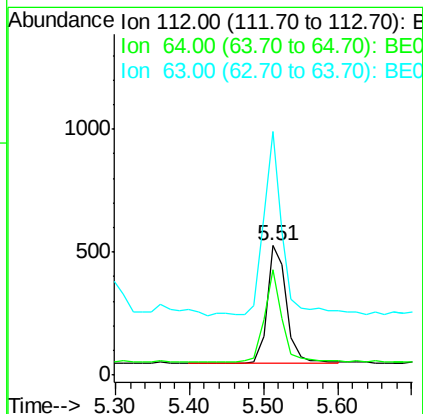
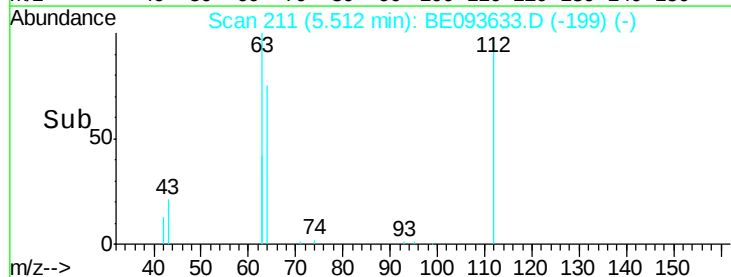
#4

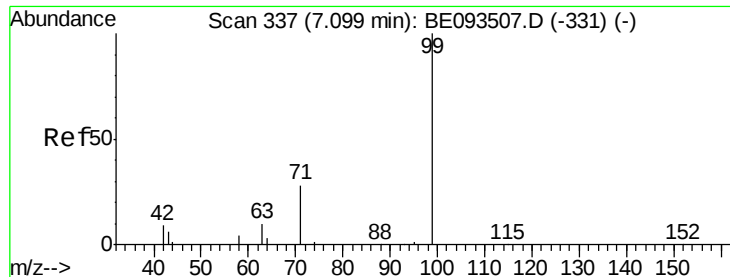
2-Fluorophenol
Concen: 0.116 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093633.D
Acq: 2 Aug 2017 19:19

Tgt 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

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

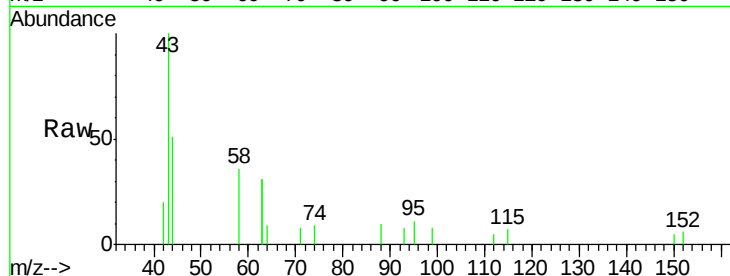
Tgt Ion: 99 Resp: 54

Ion Ratio Lower Upper

99 100

42 127.8 0.0 0.0#

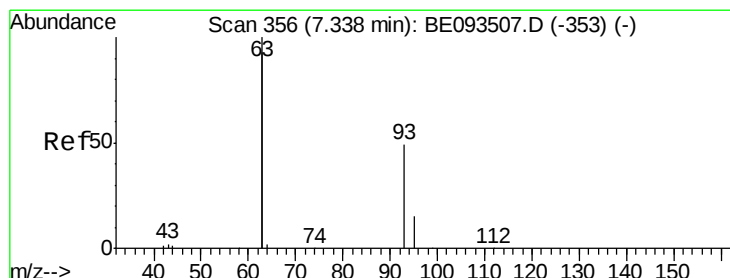
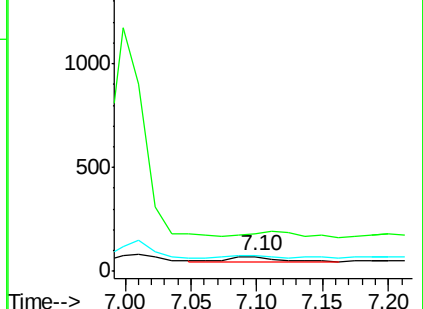
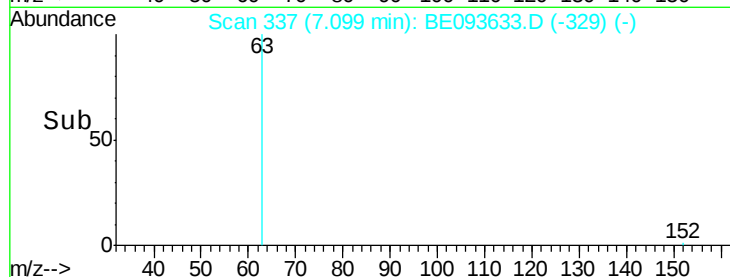
71 0.0 0.0 0.0



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# 356

Delta R.T. -0.01 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

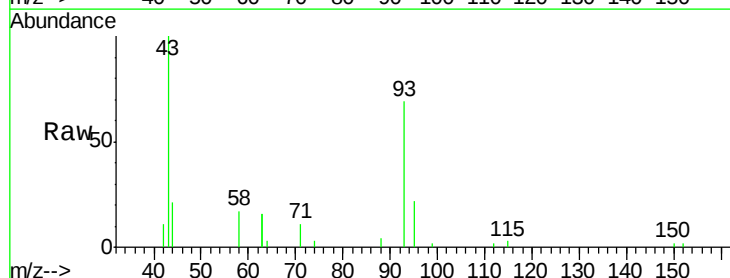
Tgt Ion: 93 Resp: 2756

Ion Ratio Lower Upper

93 100

63 29.3 0.0 0.0#

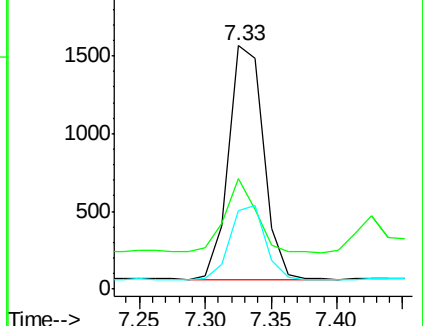
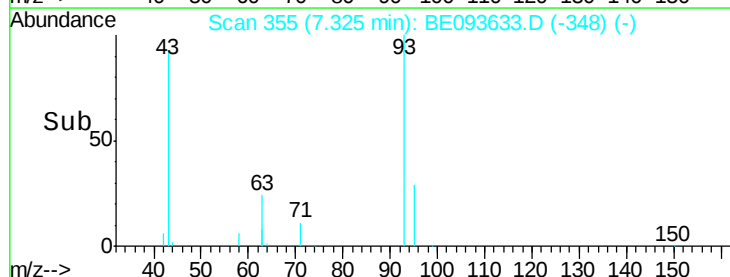
95 32.1 25.4 38.0

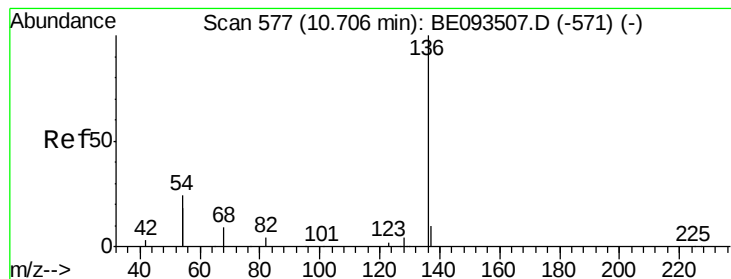


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

Tgt Ion:136 Resp: 12118

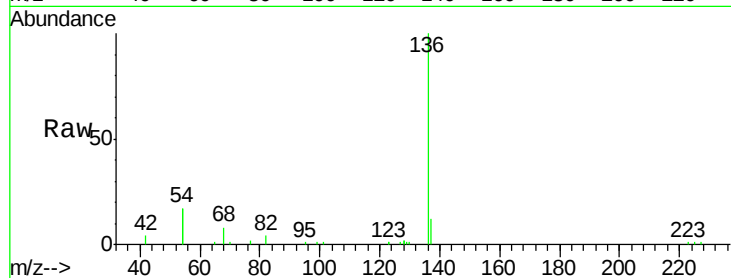
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 34.0 10.3 15.5#

68 7.6 9.0 13.4#

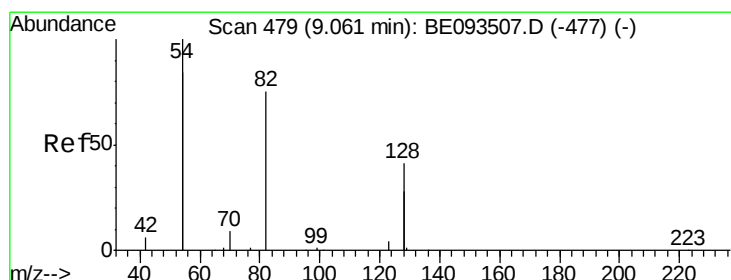
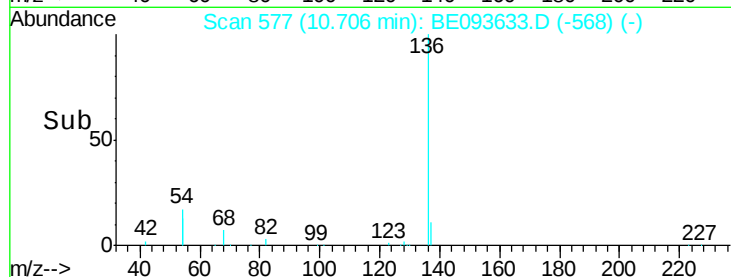
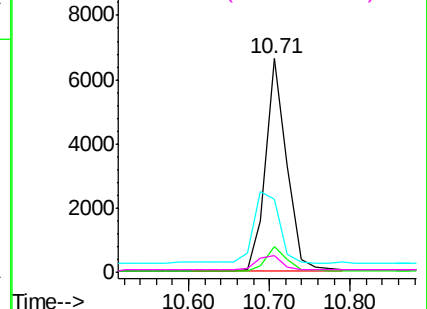


Abundance Ion 136.00 (135.70 to 136.70): E

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

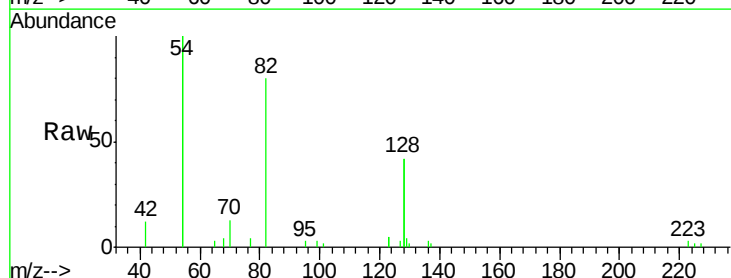
Tgt Ion: 82 Resp: 3441

Ion Ratio Lower Upper

82 100

128 104.7 17.0 25.4#

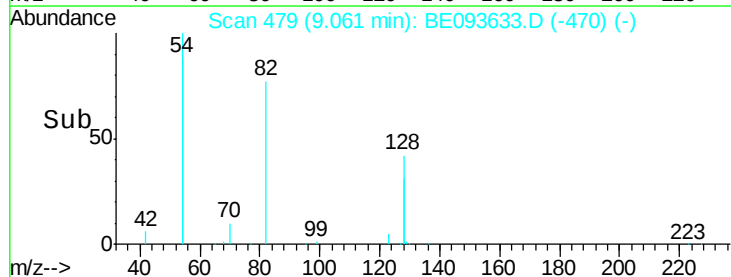
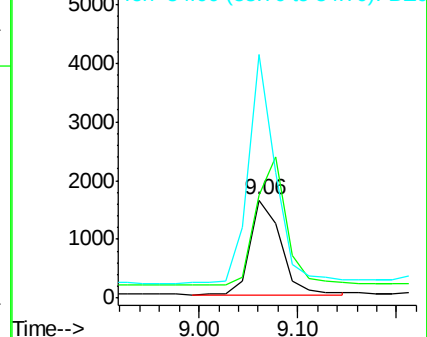
54 249.0 53.8 80.6#

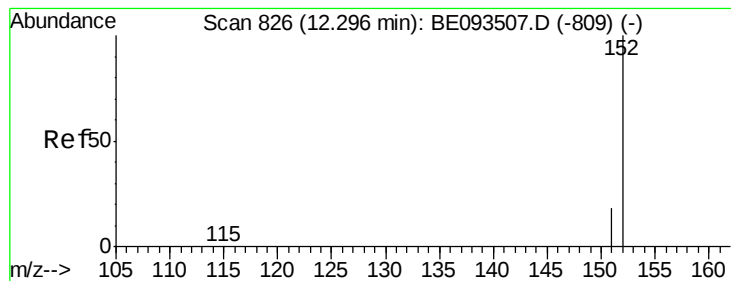


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

BNA_E

ClientSampleId :

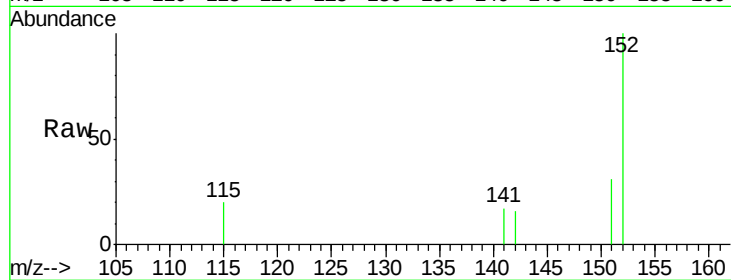
CCC-WATER-SUPPLY

Tgt Ion:152 Resp: 448

Ion Ratio Lower Upper

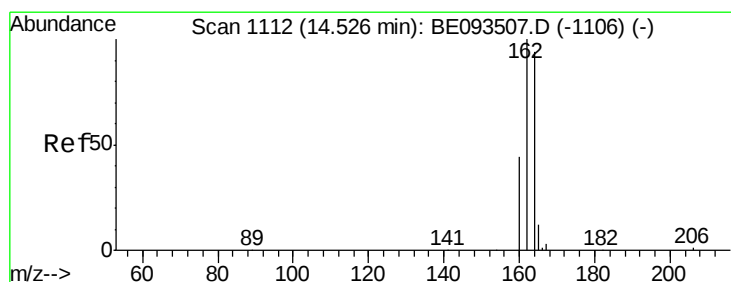
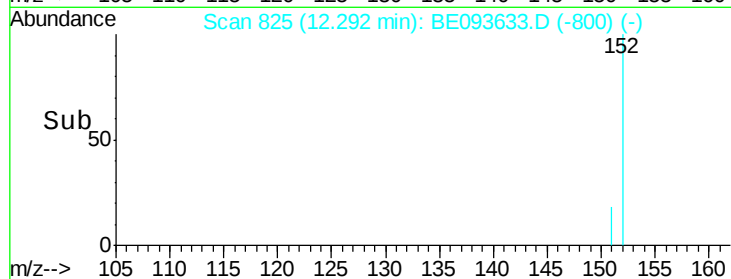
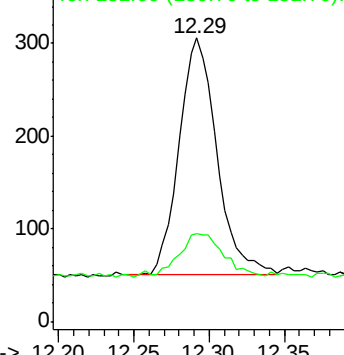
152 100

151 20.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#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

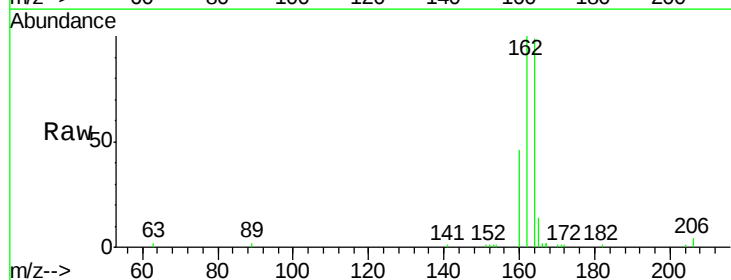
Tgt Ion:164 Resp: 6873

Ion Ratio Lower Upper

164 100

162 101.3 84.6 127.0

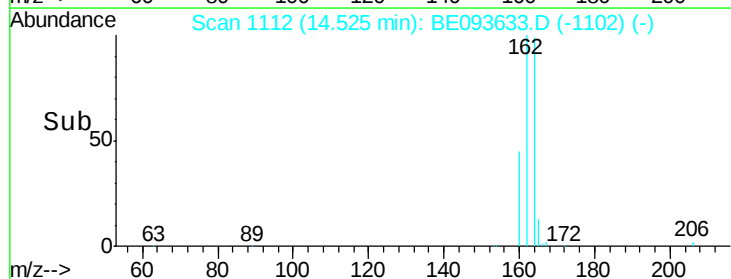
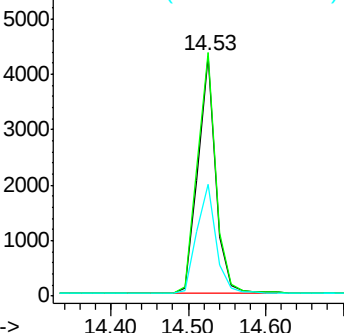
160 46.6 41.8 62.6

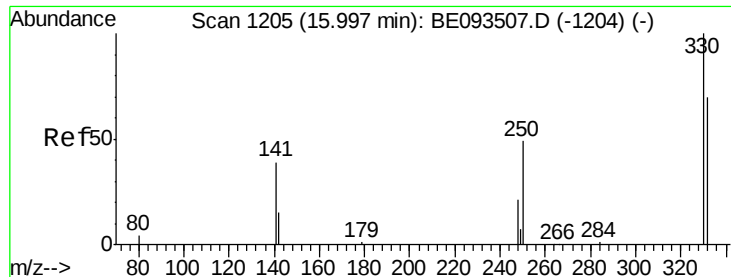


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.205 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

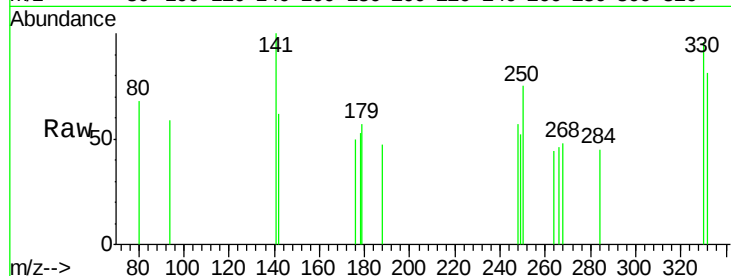
Tgt Ion: 330 Resp: 201

Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

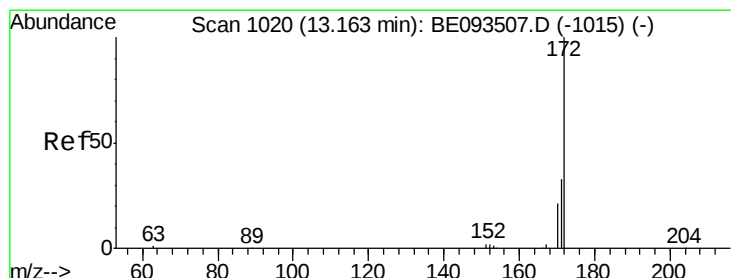
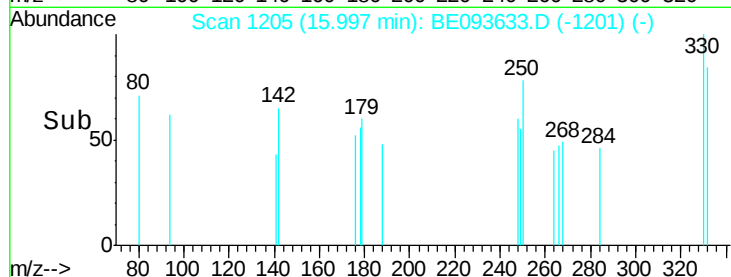
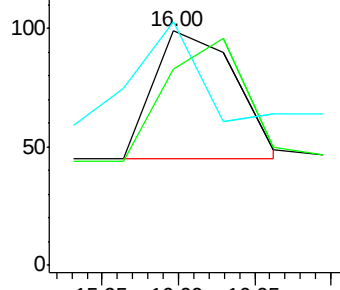
141 60.2 56.2 84.4



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093633.D

Acq: 2 Aug 2017 19:19

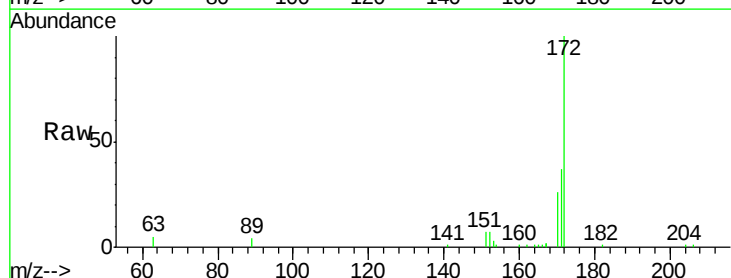
Tgt Ion: 172 Resp: 11409

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

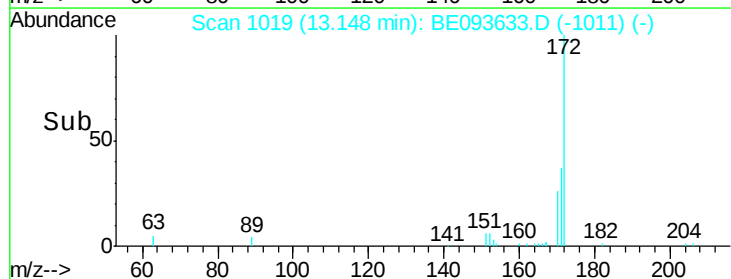
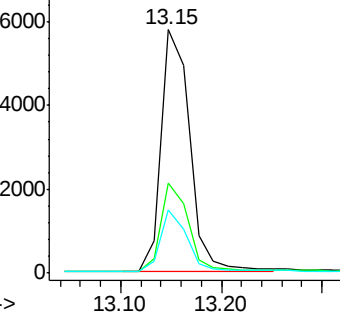
170 25.9 20.7 31.1

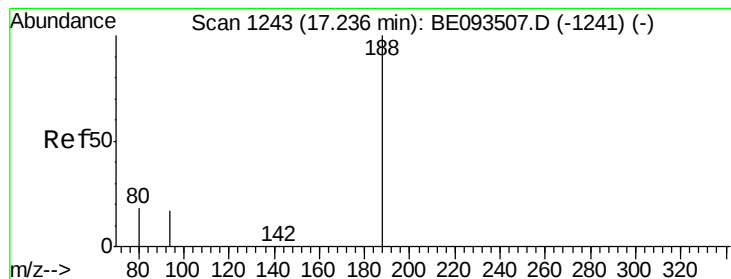


Abundance Ion 172.00 (171.70 to 172.70): E

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

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

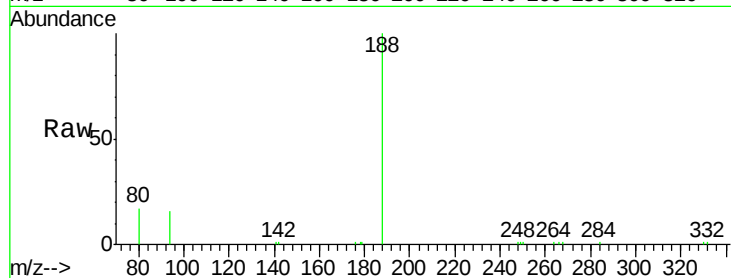
Tgt Ion:188 Resp: 16958

Ion Ratio Lower Upper

188 100

94 15.7 11.3 16.9

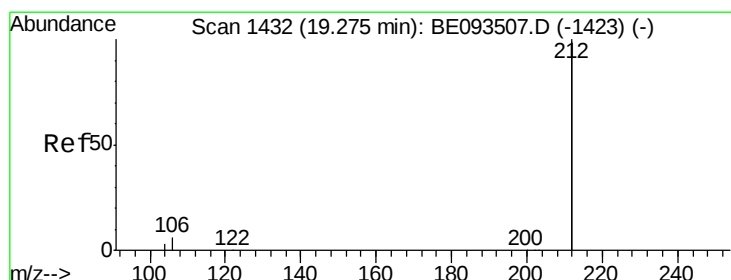
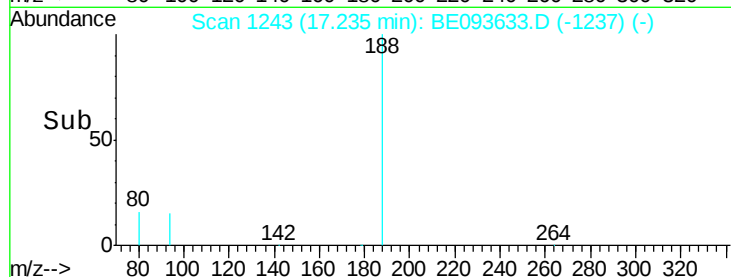
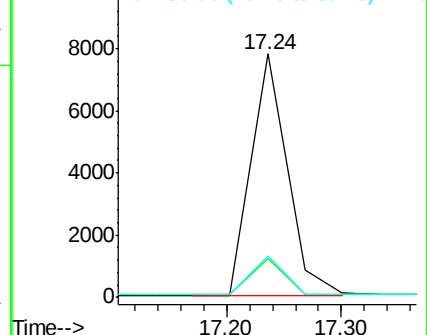
80 16.9 11.7 17.5



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



#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

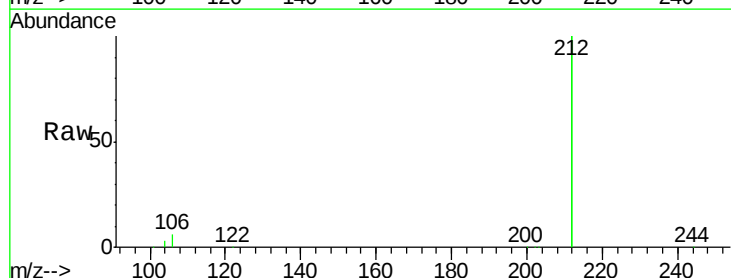
Tgt Ion:212 Resp: 69524

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

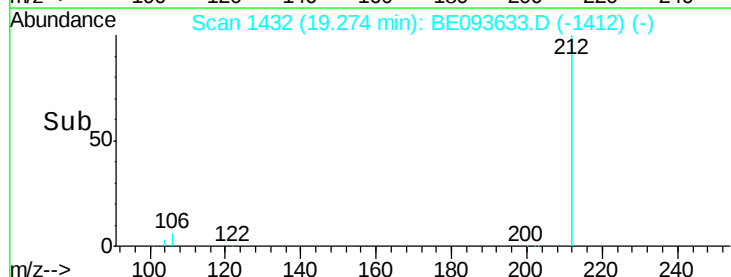
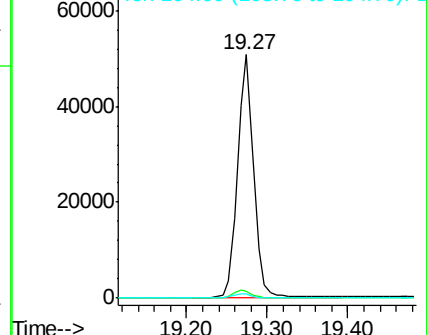
104 1.9 1.6 2.4

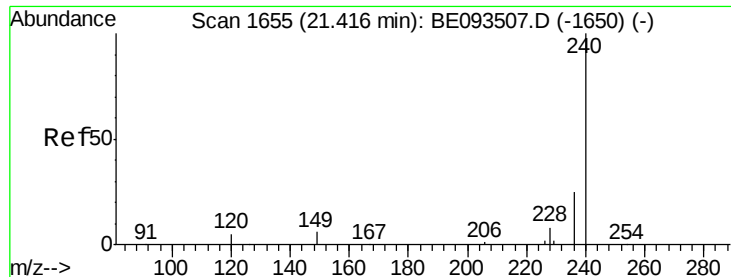


Abundance Ion 212.00 (211.70 to 212.70): E

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

Instrument :

BNA_E

ClientSampleId :

CCC-WATER-SUPPLY

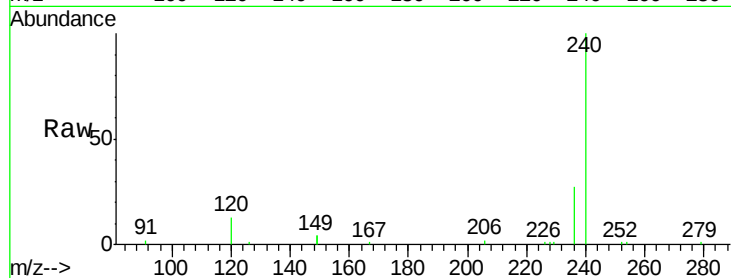
Tgt Ion:240 Resp: 18298

Ion Ratio Lower Upper

240 100

120 13.3 4.6 7.0#

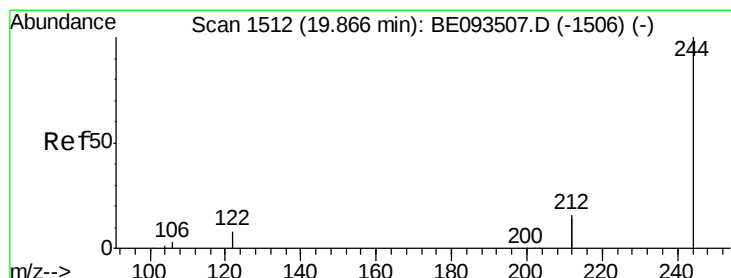
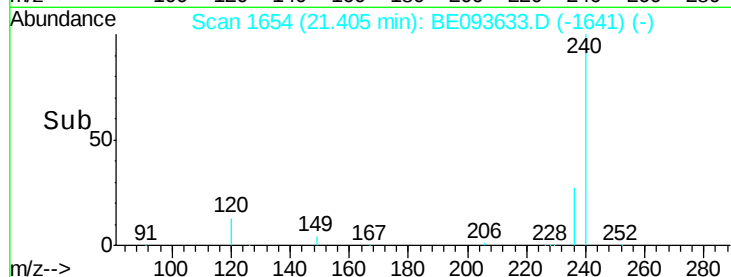
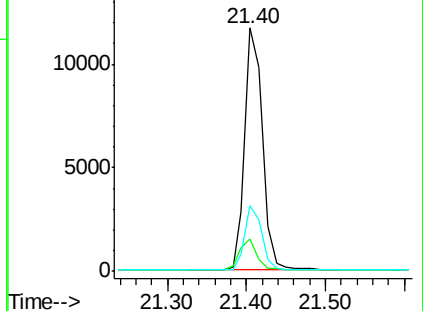
236 27.1 20.8 31.2



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

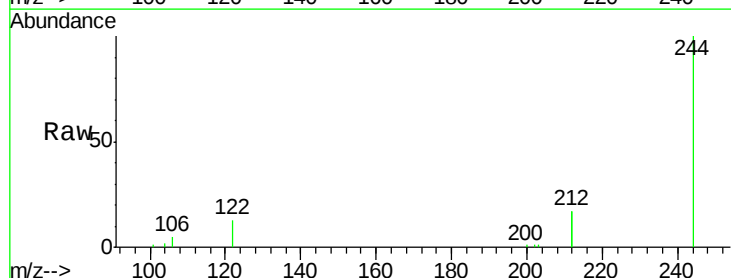
Tgt Ion:244 Resp: 16210

Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

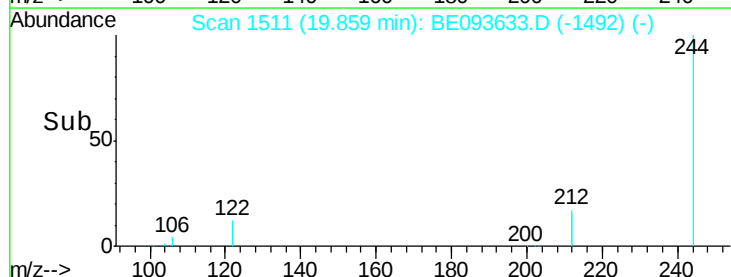
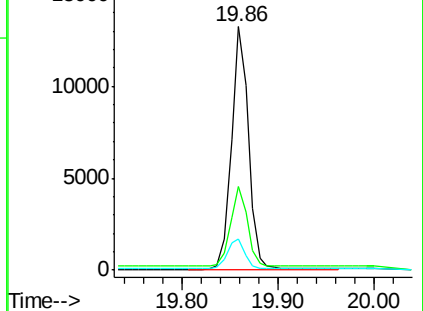
122 12.5 15.4 23.0#

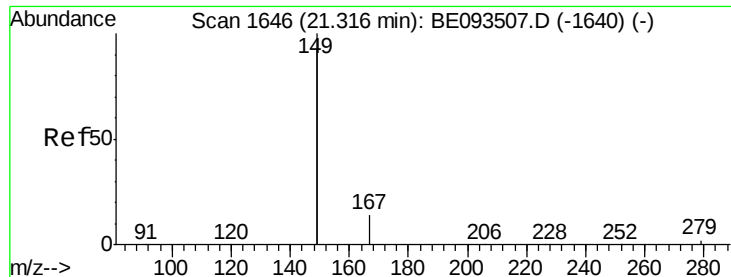


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

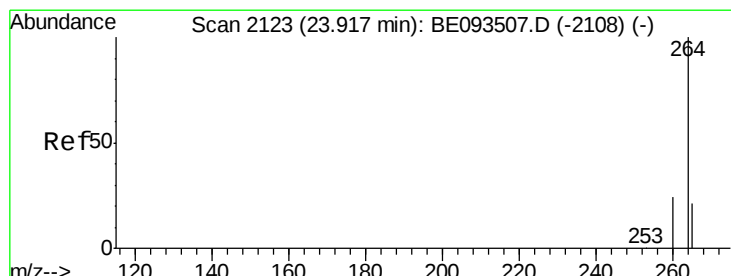
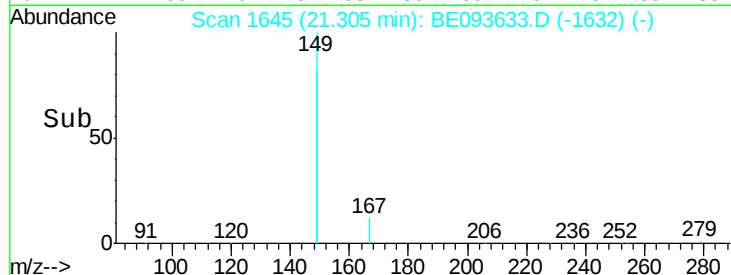
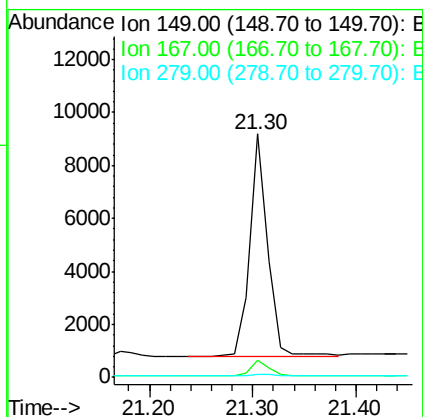
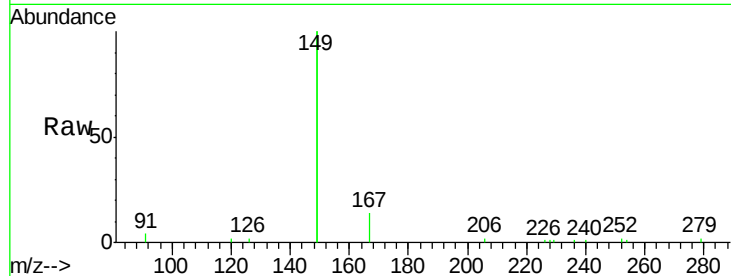




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.138 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093633.D
 Acq: 2 Aug 2017 19:19

Instrument :
 BNA_E
 ClientSampleId :
 CCC-WATER-SUPPLY

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
 Perylene-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

Tgt Ion:264 Resp: 15727
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.0 31.4
 265 26.8 24.6 36.8

