

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
 Data File : BE092626.D
 Acq On : 27 Dec 2016 18:31
 Operator : UM/SJ
 Sample : H6103-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Quant Time: Dec 28 01:26:15 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11551	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	46741	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27111	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51028	5.00	ng	0.00
24) Chrysene-d12	21.72	240	53074	5.00	ng	0.00
31) Perylene-d12	24.08	264	48692	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	19695	8.79	ng	-0.03
5) Phenol-d6	7.31	99	25759	7.60	ng	-0.07
8) Nitrobenzene-d5	9.34	82	11325	3.56	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3844	4.98	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	26947	4.16	ng	-0.01
26) Terphenyl-d14	20.16	244	28461	4.37	ng	-0.02

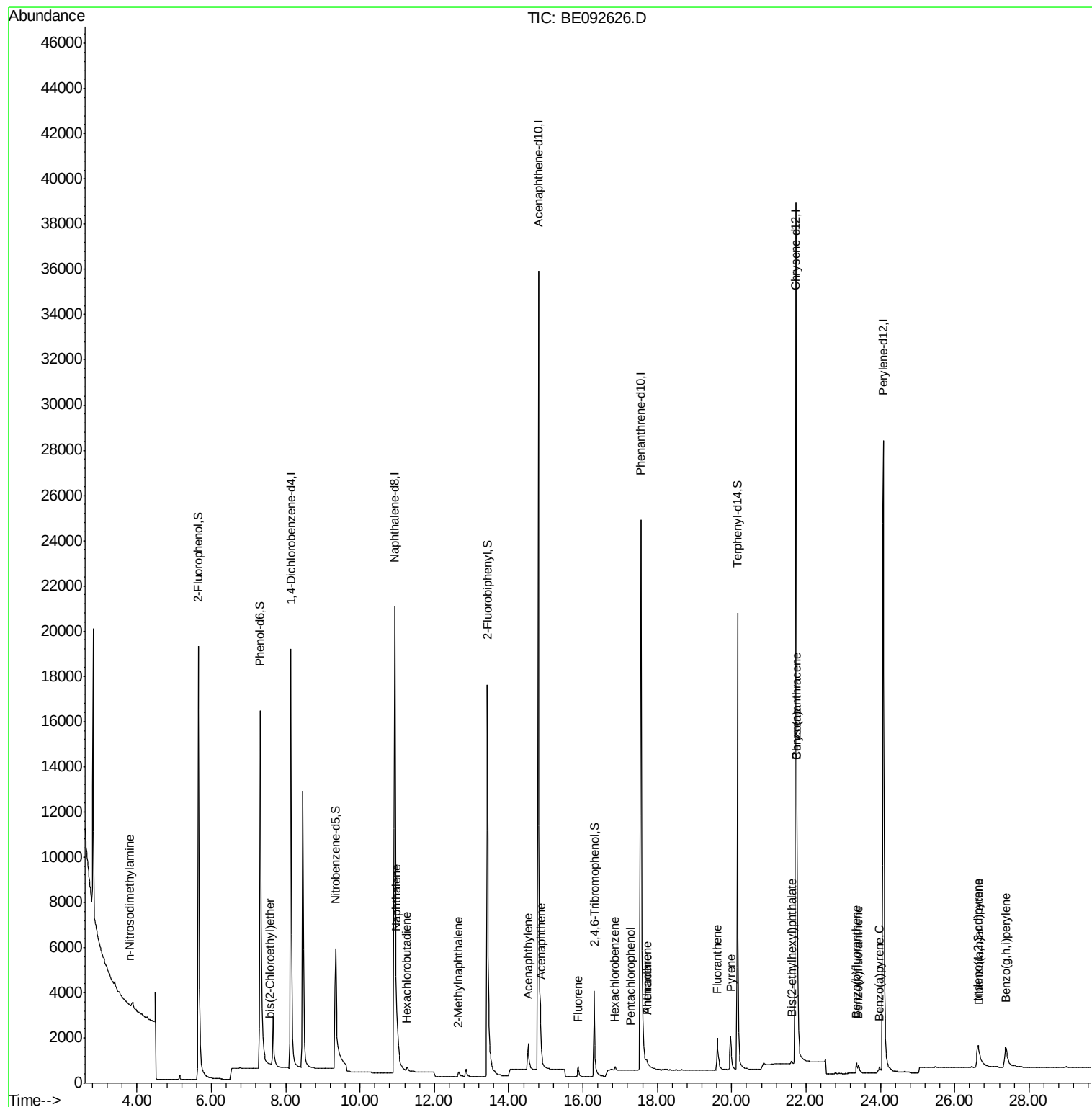
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	120	Below Cal	#	1
3) n-Nitrosodimethylamine	3.80	42	28	0.21	ng	2
6) bis(2-Chloroethyl)ether	7.59	93	238	0.18	ng	15
9) Naphthalene	10.97	128	774	0.08	ng	65
10) Hexachlorobutadiene	11.26	225	126	0.09	ng	97
11) 2-Methylnaphthalene	12.65	142	385	0.06	ng	88
15) Acenaphthylene	14.53	152	2888	0.08	ng	100
16) Acenaphthene	14.87	154	565	0.09	ng	82
17) Fluorene	15.87	166	524	0.07	ng	98
19) Hexachlorobenzene	16.87	284	1378	0.63	ng	27
20) Pentachlorophenol	17.28	266	21	0.05	ng	73
21) Phenanthrene	17.72	178	596	0.05	ng	96
22) Anthracene	17.72	178	734	0.06	ng	95
23) Fluoranthene	19.61	202	3374	0.06	ng	99
25) Pyrene	19.97	202	3376	0.07	ng	100
27) Benzo(a)anthracene	21.75	228	7830	0.16	ng	81
28) Chrysene	21.75	228	7892	0.14	ng	88
29) Bis(2-ethylhexyl)phthalate	21.61	149	304	0.12	ng	78
30) Indeno(1,2,3-cd)pyrene	26.62	276	3760	0.08	ng	97
32) Benzo(b)fluoranthene	23.36	252	722	0.06	ng	68
33) Benzo(k)fluoranthene	23.41	252	1001	0.08	ng	68
34) Benzo(a)pyrene	23.97	252	692	0.06	ng	52
35) Dibenzo(a,h)anthracene	26.65	278	733	0.07	ng	46
36) Benzo(g,h,i)perylene	27.37	276	3605	0.08	ng	64

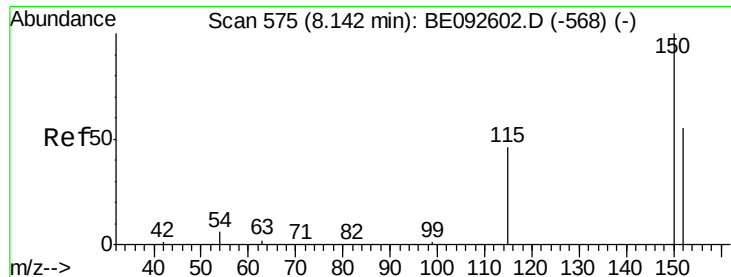
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

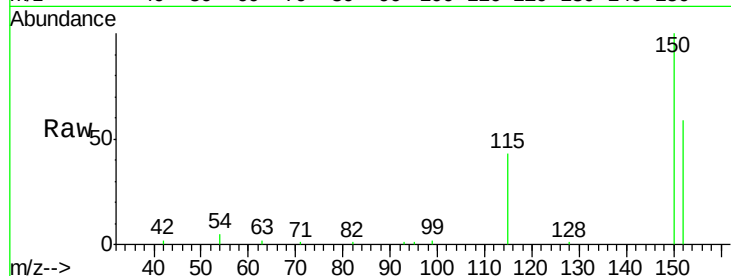
Tgt Ion:152 Resp: 11551

Ion Ratio Lower Upper

152 100

150 169.7 106.0 159.0#

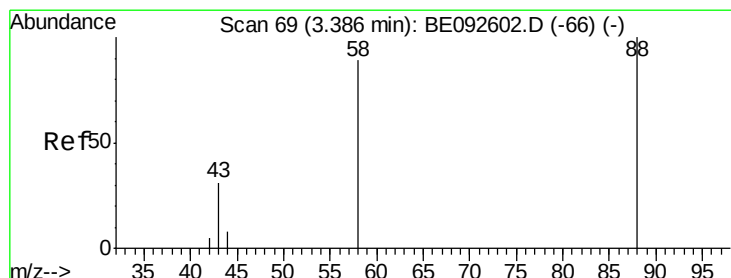
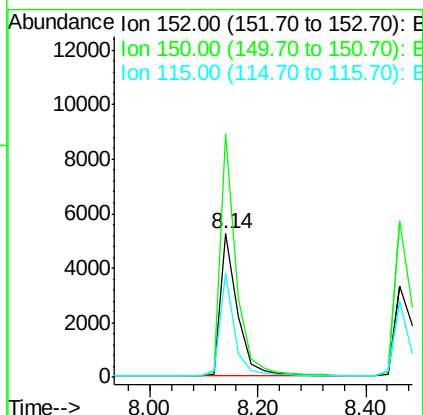
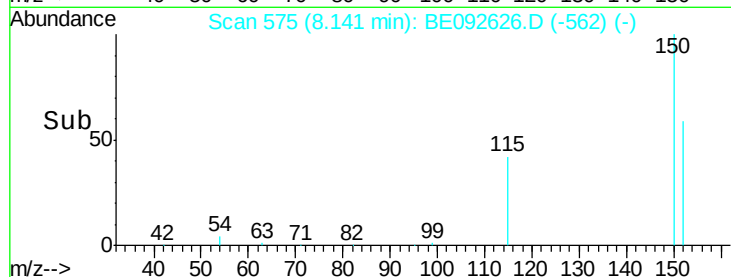
115 72.3 31.2 46.8#



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: Below Cal

RT: 3.40 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

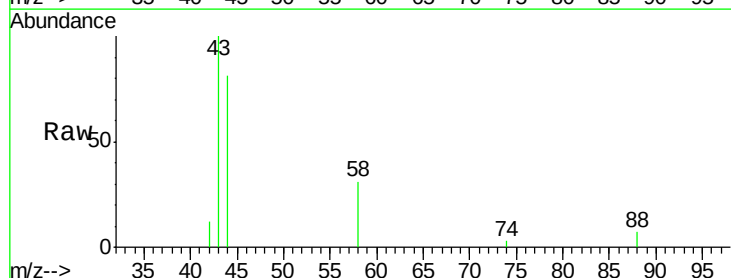
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

58 708.3 63.6 95.4#

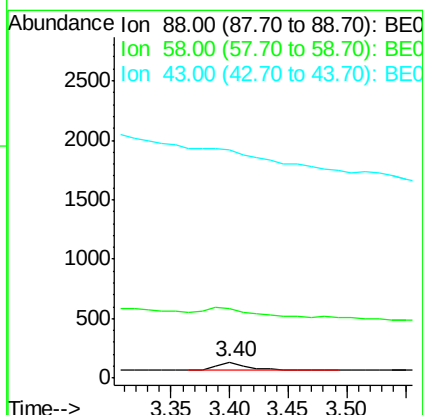
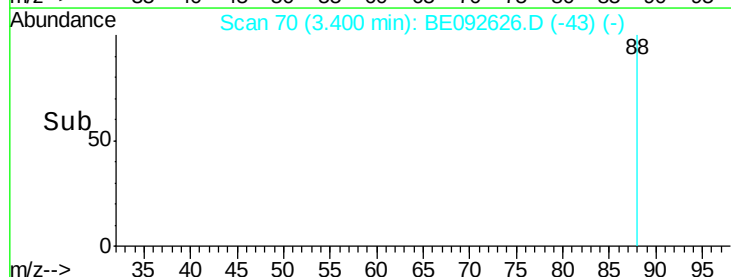
43 0.0 28.0 42.0#

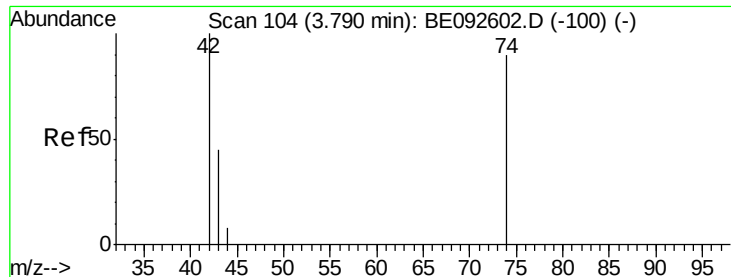


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.01 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

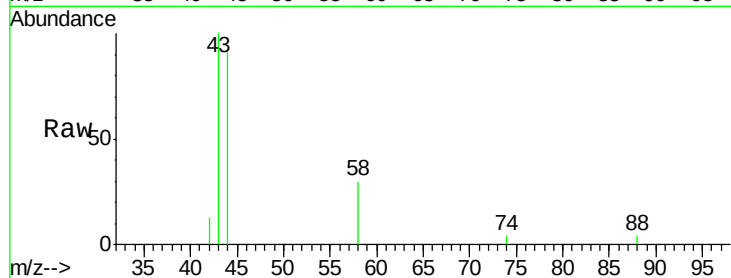
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

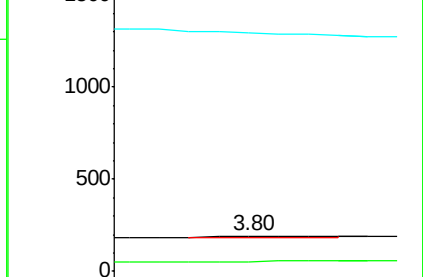
44 0.0 5.1 7.7#



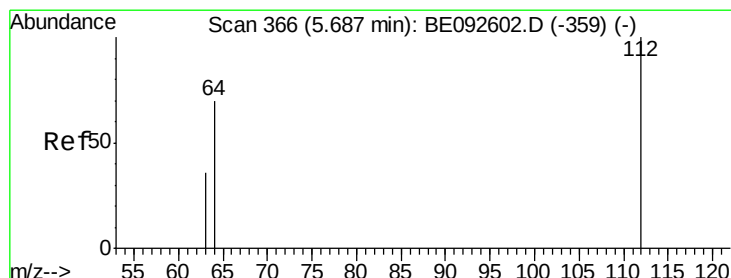
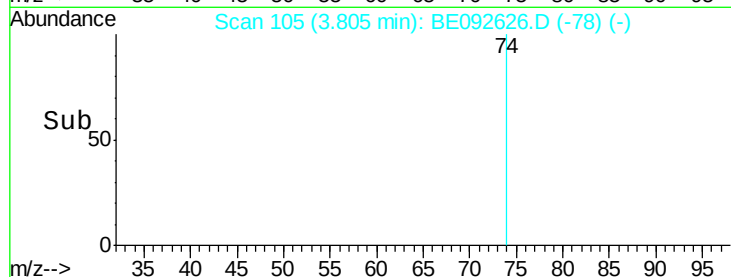
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 8.79 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

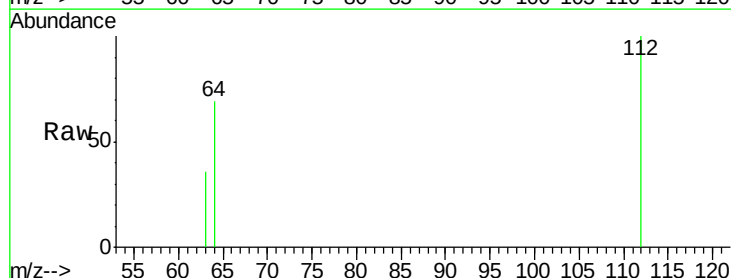
Tgt Ion: 112 Resp: 19695

Ion Ratio Lower Upper

112 100

64 68.6 53.5 80.3

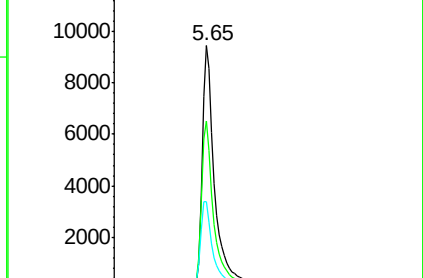
63 36.9 27.9 41.9



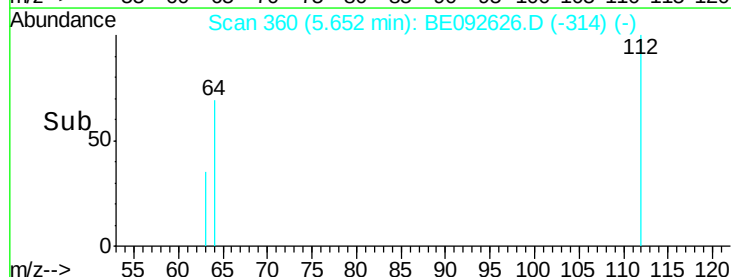
Abundance Ion 112.00 (111.70 to 112.70): E

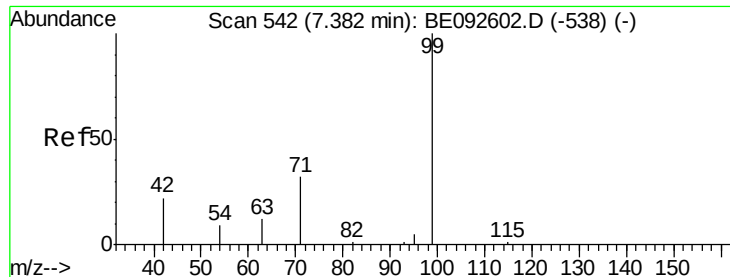
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 7.60 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

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LOD-WATER-05-QT1-2017

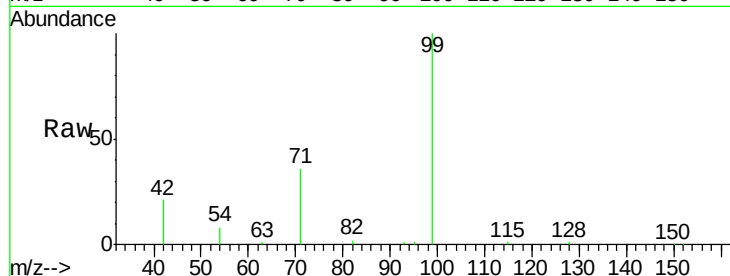
Tgt Ion: 99 Resp: 25759

Ion Ratio Lower Upper

99 100

42 23.9 16.0 24.0

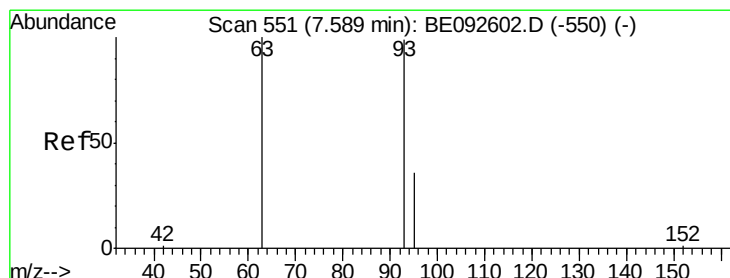
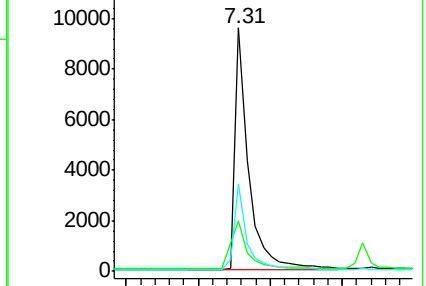
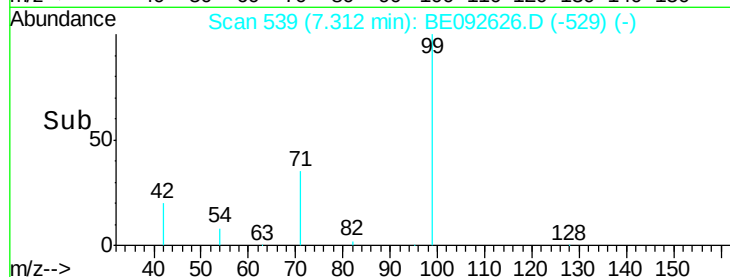
71 33.5 30.6 45.8



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: 0.18 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

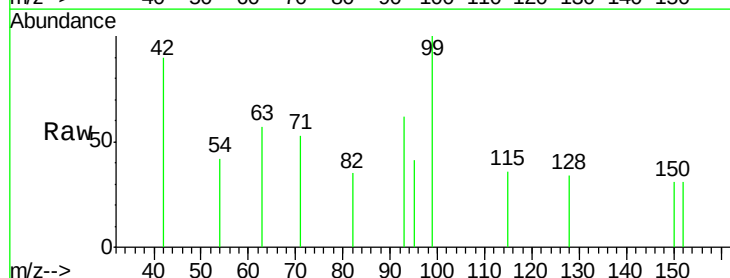
Tgt Ion: 93 Resp: 238

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

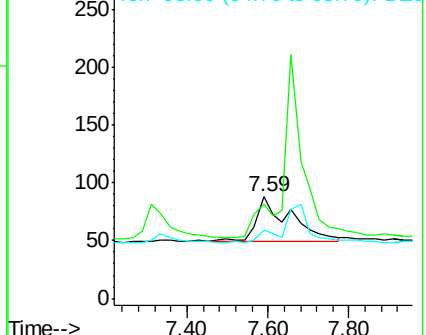
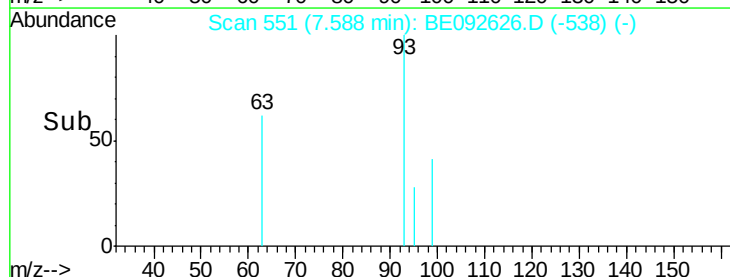
95 0.0 24.0 36.0#

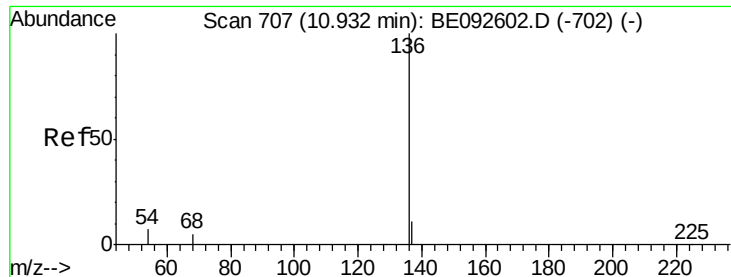


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

Tgt Ion:136 Resp: 46741

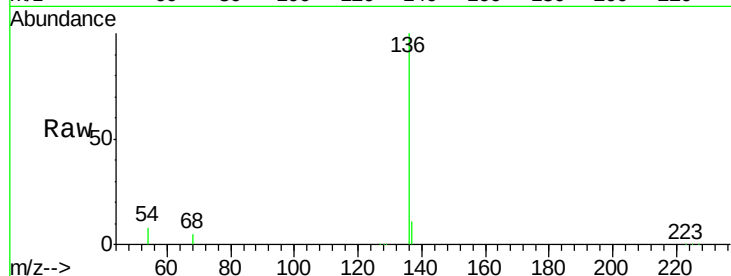
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 7.7 9.6 14.4#

68 5.4 6.7 10.1#

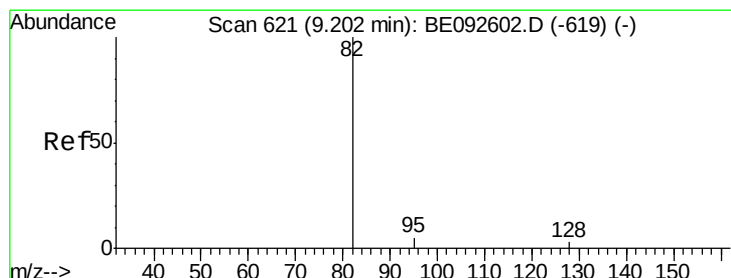
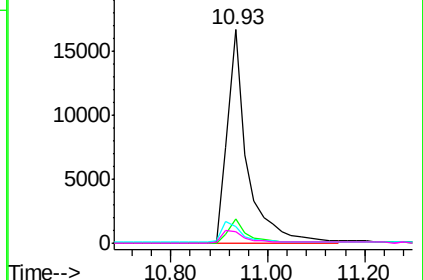
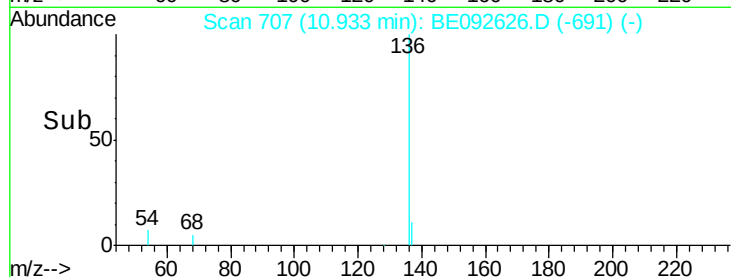


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.56 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

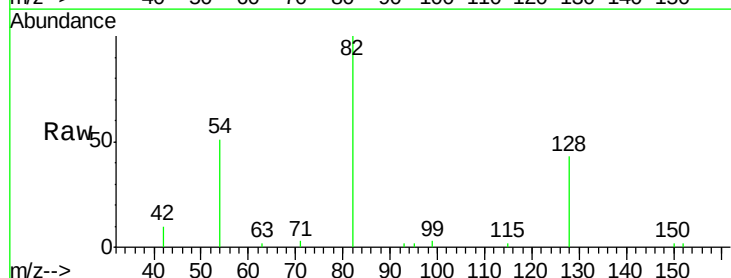
Tgt Ion: 82 Resp: 11325

Ion Ratio Lower Upper

82 100

128 43.3 39.0 58.4

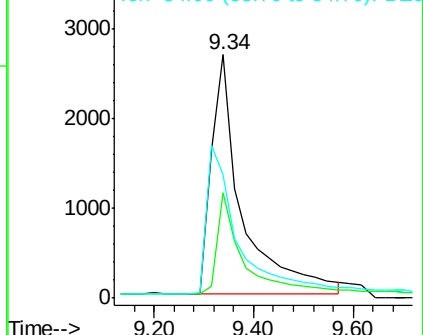
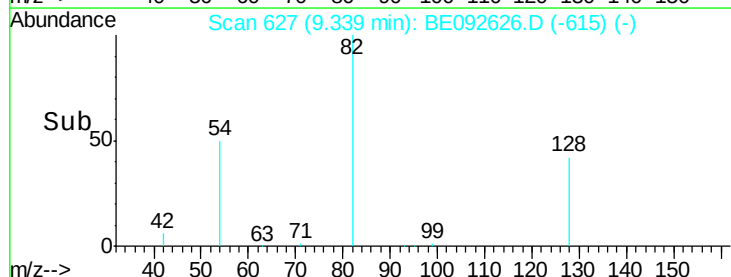
54 50.8 44.8 67.2

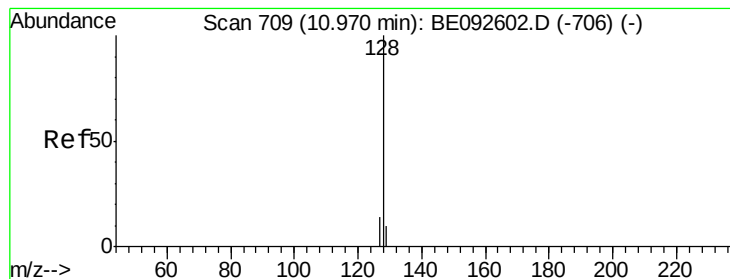


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.08 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

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ClientSampleId :

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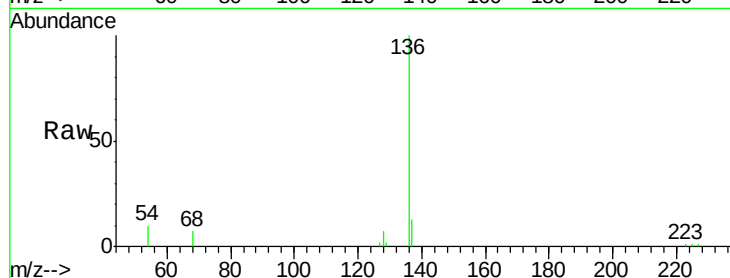
Tgt Ion:128 Resp: 774

Ion Ratio Lower Upper

128 100

129 26.7 11.2 16.8#

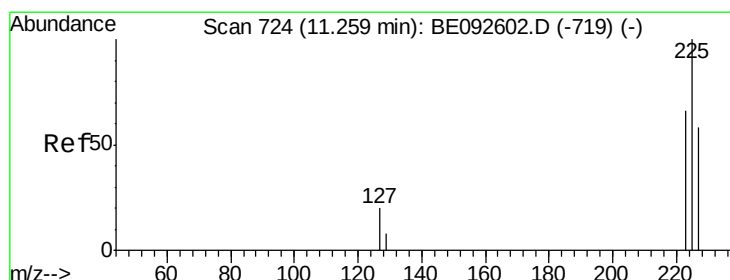
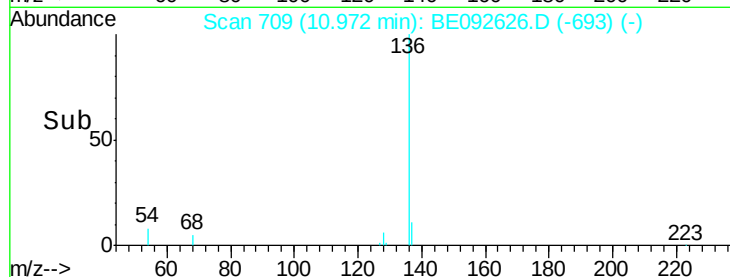
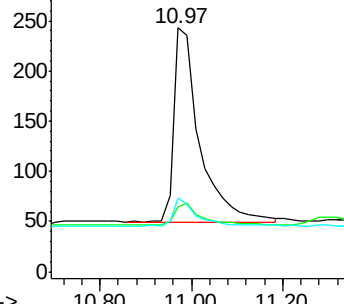
127 30.0 11.6 17.4#



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: 0.09 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

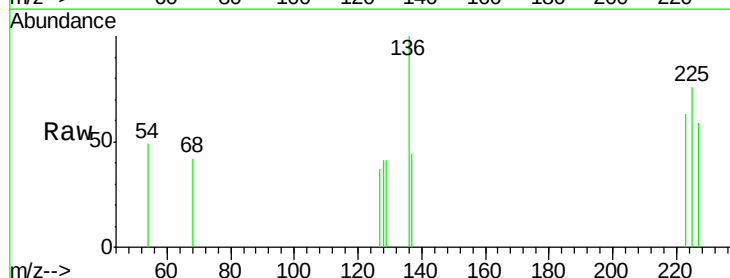
Tgt Ion:225 Resp: 126

Ion Ratio Lower Upper

225 100

223 60.3 50.6 76.0

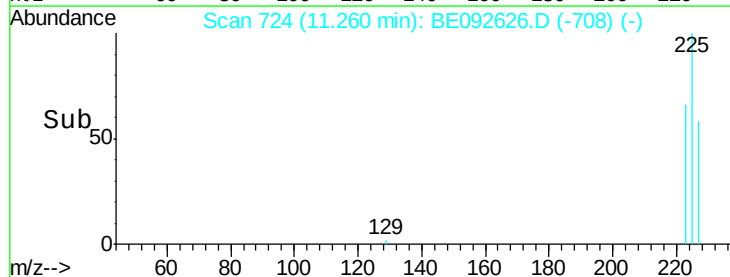
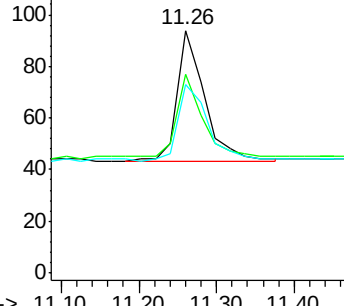
227 65.9 51.4 77.0

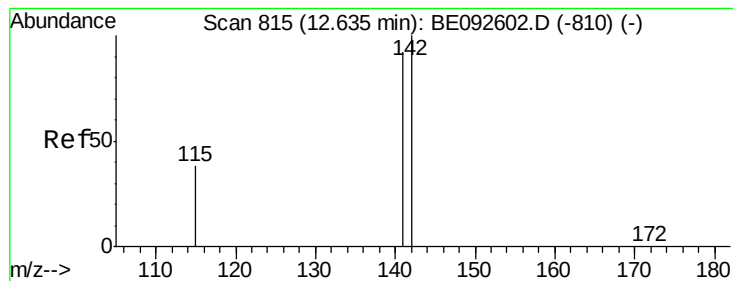


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.06 ng

RT: 12.65 min Scan# 816

Delta R.T. 0.01 min

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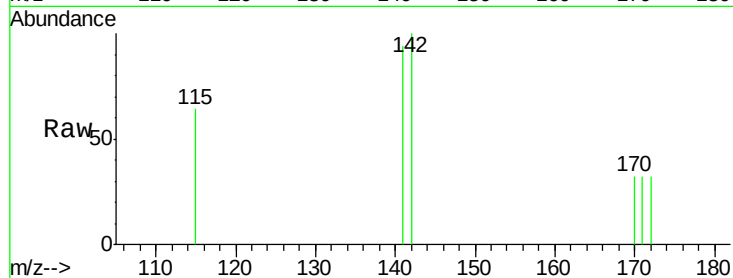
Tgt Ion:142 Resp: 385

Ion Ratio Lower Upper

142 100

141 93.5 73.7 110.5

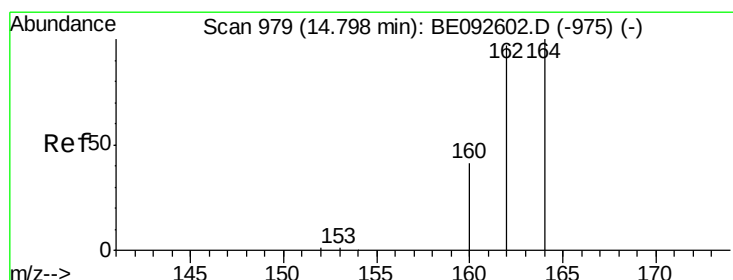
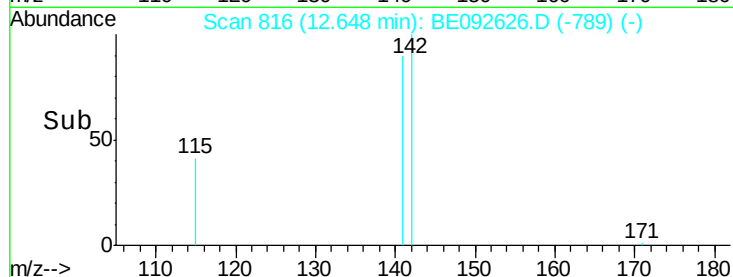
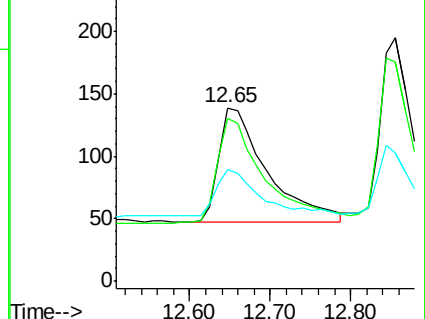
115 64.0 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

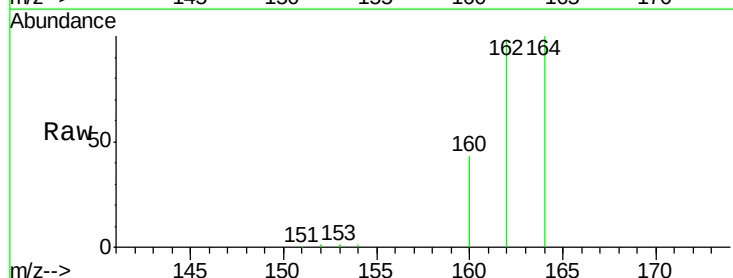
Tgt Ion:164 Resp: 27111

Ion Ratio Lower Upper

164 100

162 98.1 71.4 107.0

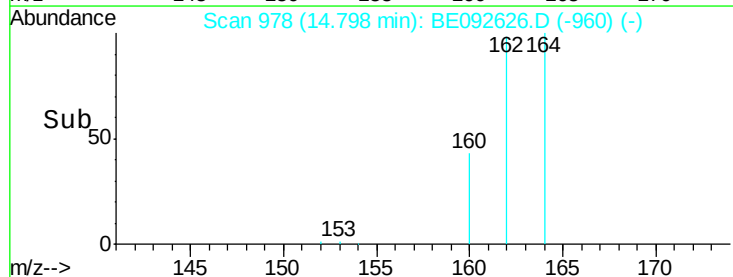
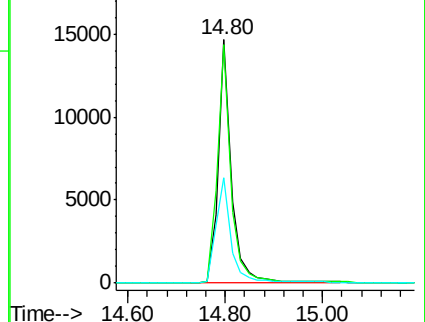
160 43.4 27.4 41.2#

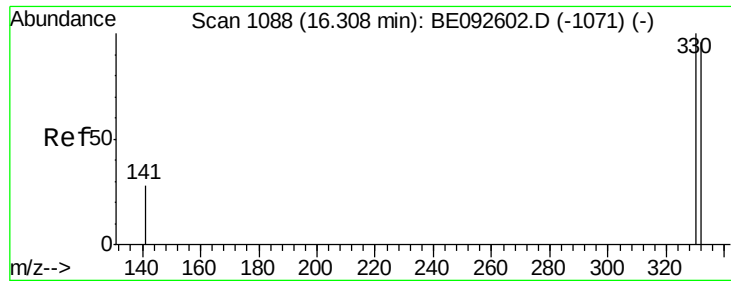


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

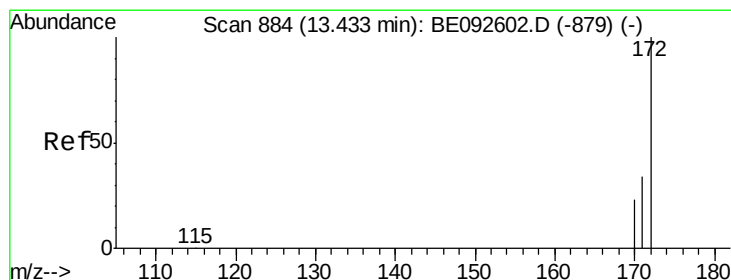
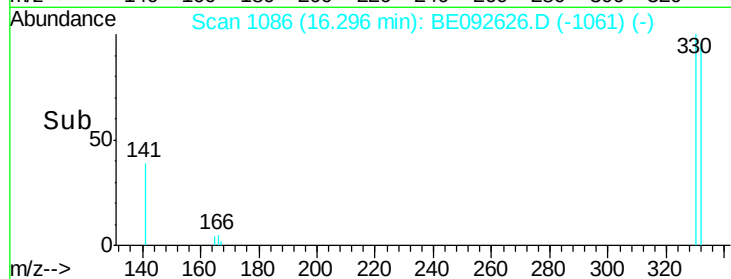
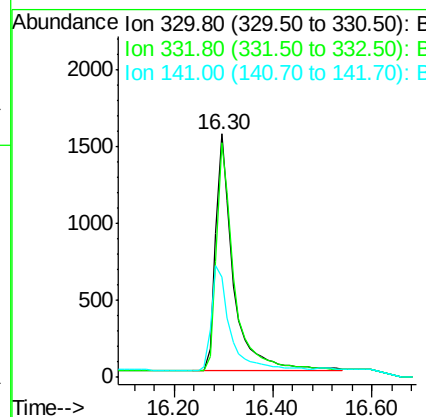
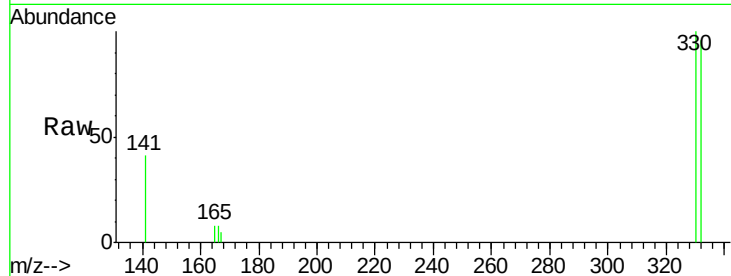




#13
 2,4,6-Tribromophenol
 Concen: 4.98 ng
 RT: 16.30 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

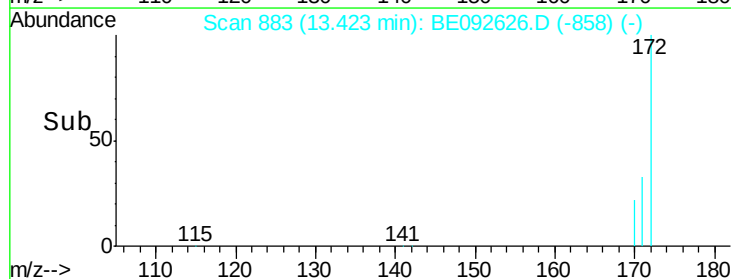
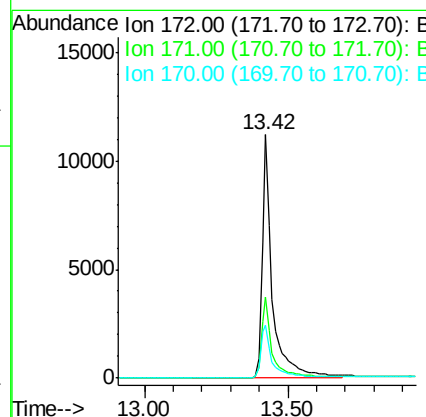
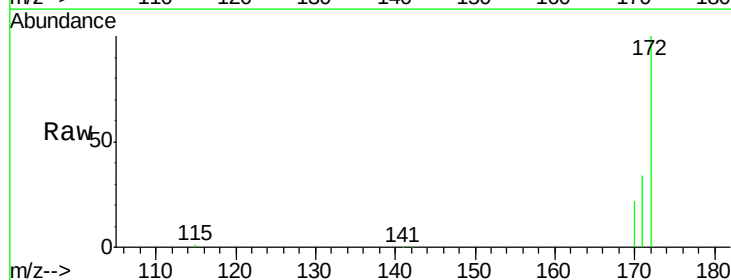
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT1-2017

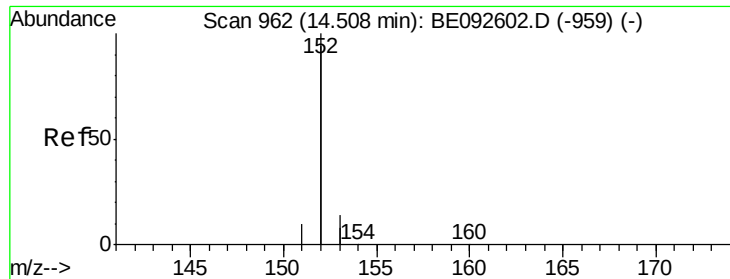
Tgt Ion: 330 Resp: 3844
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 45.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.16 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

Tgt Ion: 172 Resp: 26947
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.1 45.1
 170 22.0 21.8 32.6





#15

Acenaphthylene

Concen: 0.08 ng

RT: 14.53 min Scan# 962

Delta R.T. 0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

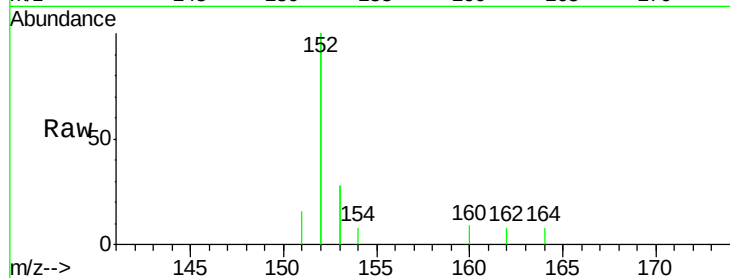
Tgt Ion:152 Resp: 2888

Ion Ratio Lower Upper

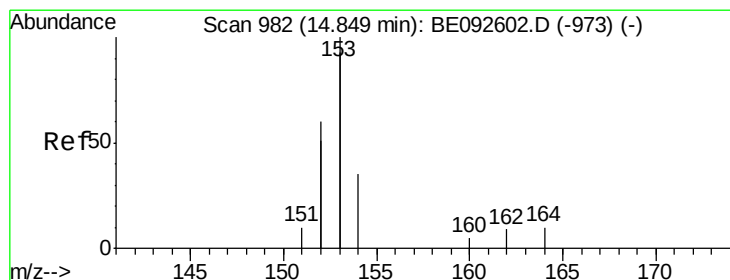
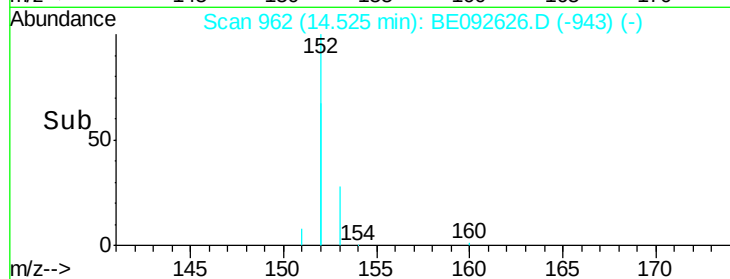
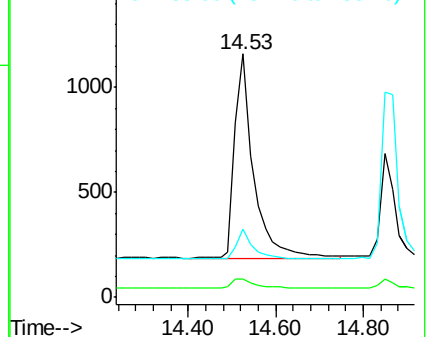
152 100

151 5.1 3.9 5.9

153 12.8 10.4 15.6



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



#16

Acenaphthene

Concen: 0.09 ng

RT: 14.87 min Scan# 982

Delta R.T. 0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

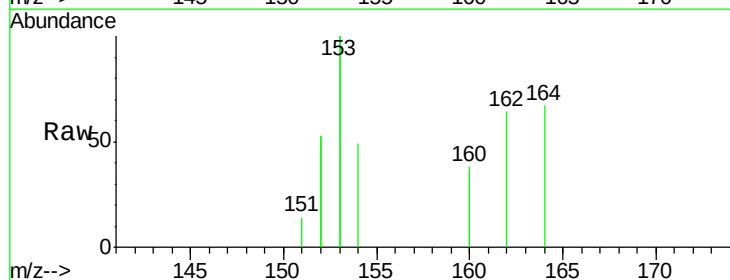
Tgt Ion:154 Resp: 565

Ion Ratio Lower Upper

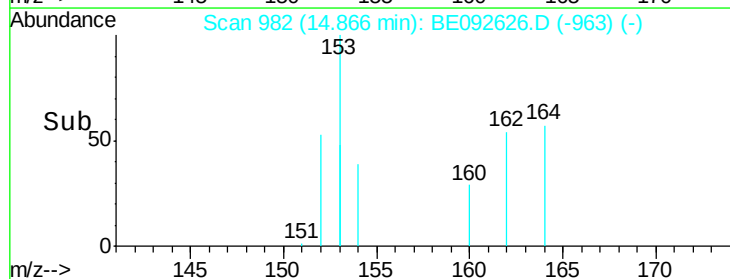
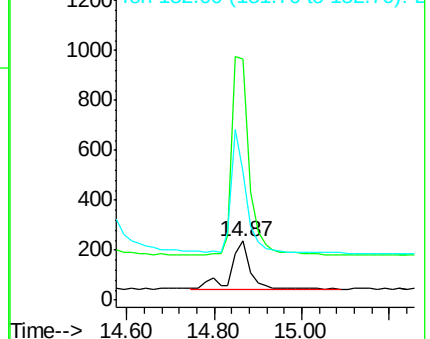
154 100

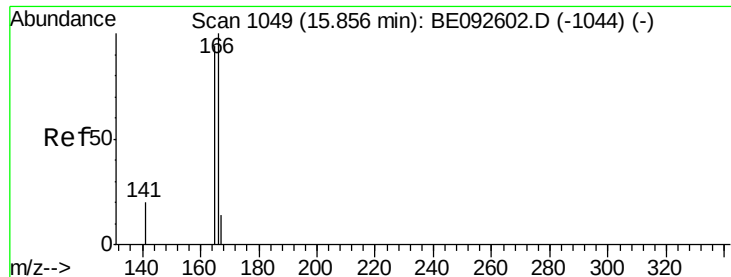
153 384.2 350.8 526.2

152 198.9 171.1 256.7



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

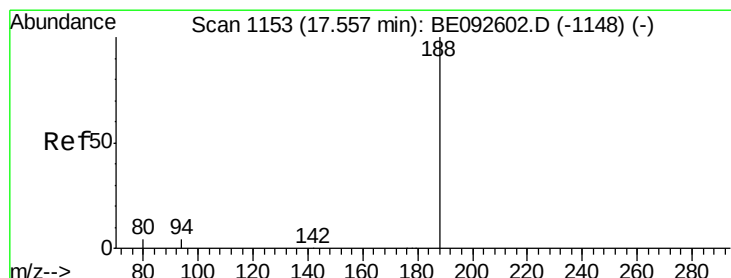
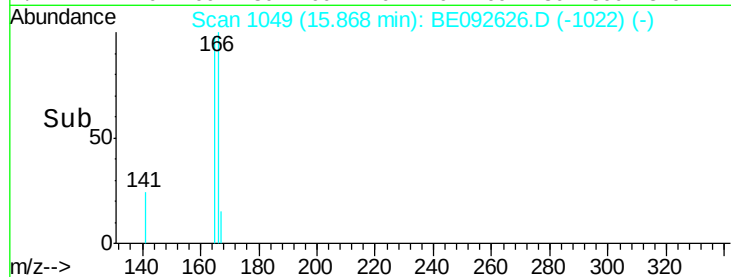
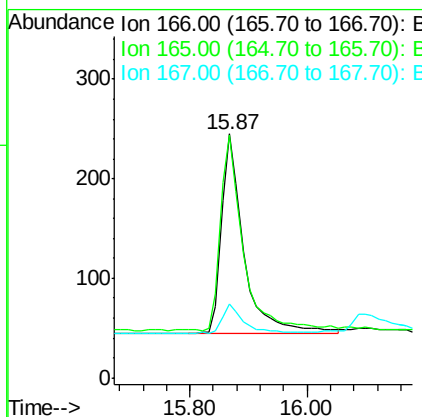
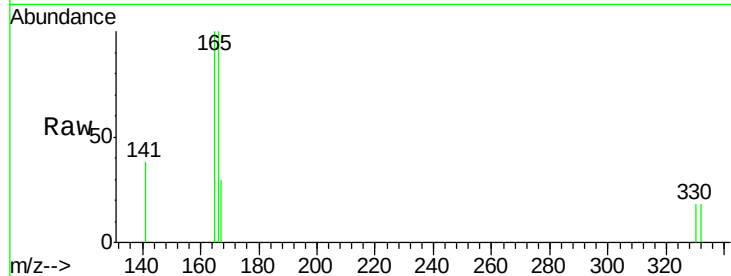




#17
Fluorene
 Concen: 0.07 ng
 RT: 15.87 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

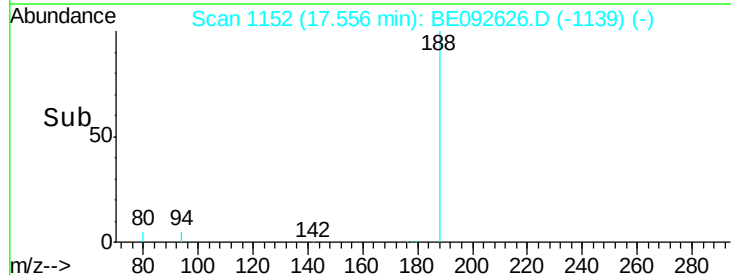
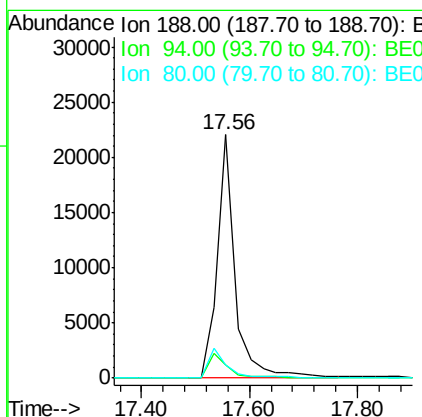
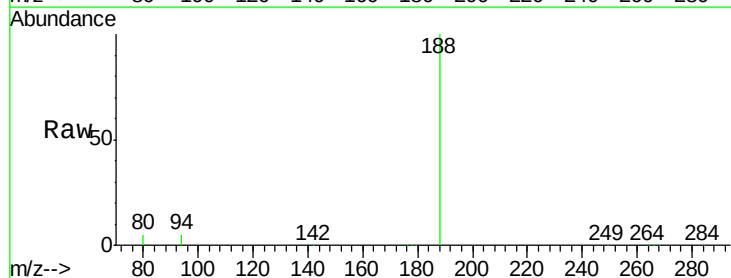
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT1-2017

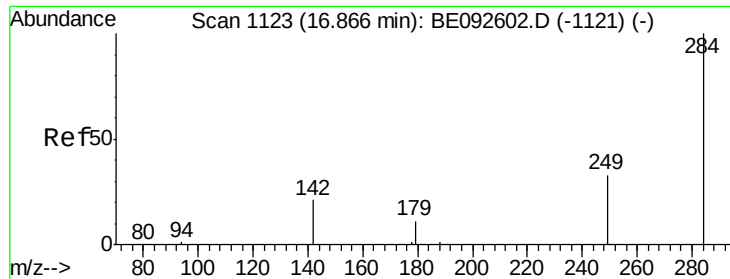
Tgt Ion:166 Resp: 524
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.2 117.4
 167 13.7 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

Tgt Ion:188 Resp: 51028
 Ion Ratio Lower Upper
 188 100
 94 5.5 3.2 4.8#
 80 5.2 2.6 3.8#

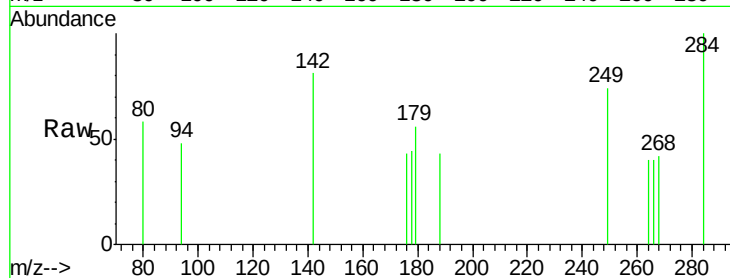




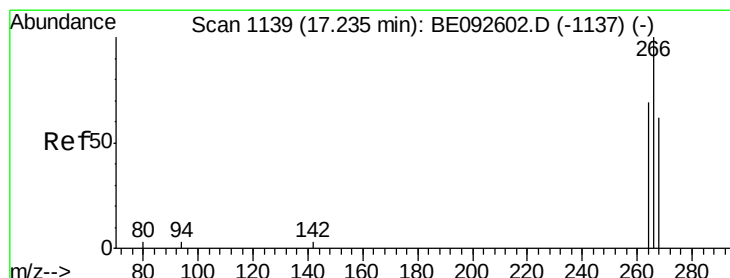
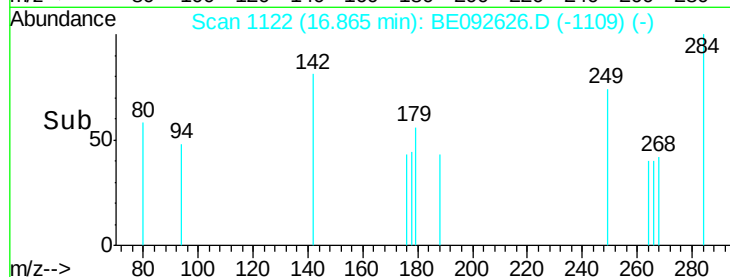
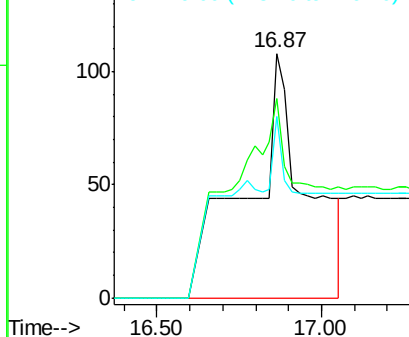
#19
Hexachlorobenzene
Concen: 0.63 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092626.D
Acq: 27 Dec 2016 18:31

Instrument :
BNA_E
ClientSampleId :
LOD-WATER-05-QT1-2017

Tgt Ion: 284 Resp: 1378
Ion Ratio Lower Upper
284 100
142 104.1 29.1 43.7#
249 17.3 27.9 41.9#

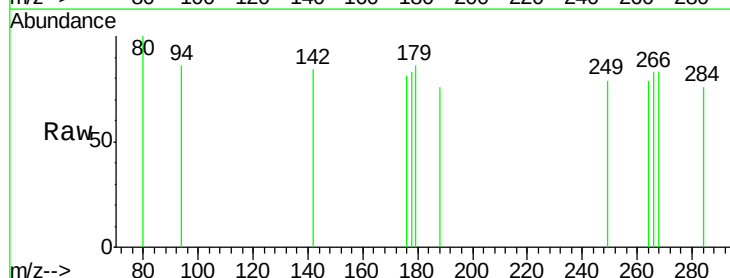


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

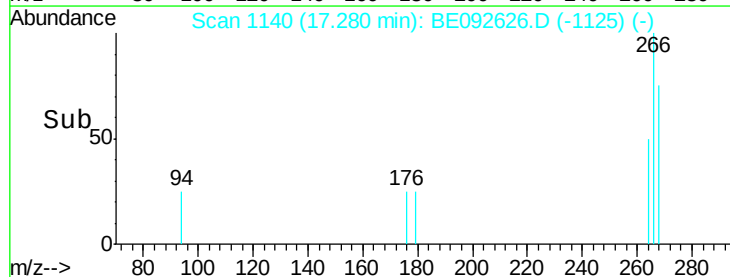
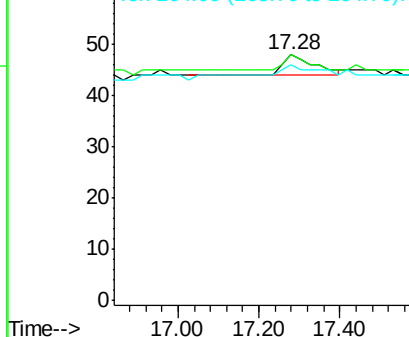


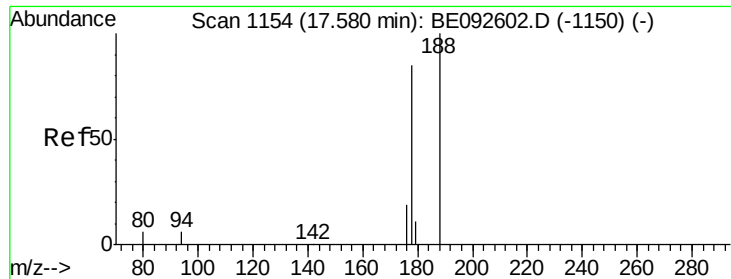
#20
Pentachlorophenol
Concen: 0.05 ng
RT: 17.28 min Scan# 1140
Delta R.T. 0.05 min
Lab File: BE092626.D
Acq: 27 Dec 2016 18:31

Tgt Ion: 266 Resp: 21
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 95.8 57.2 85.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.05 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.14 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

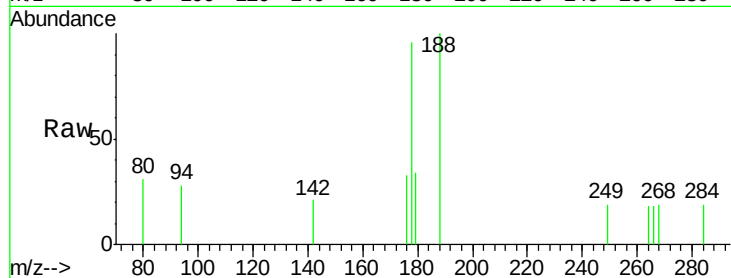
Tgt Ion:178 Resp: 596

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

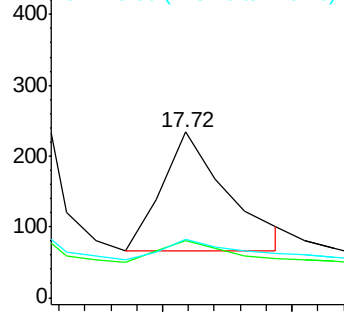
179 17.6 16.0 24.0



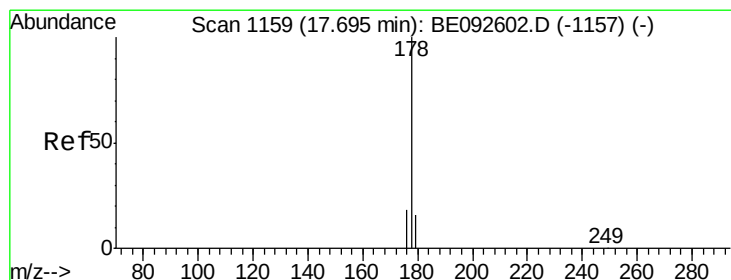
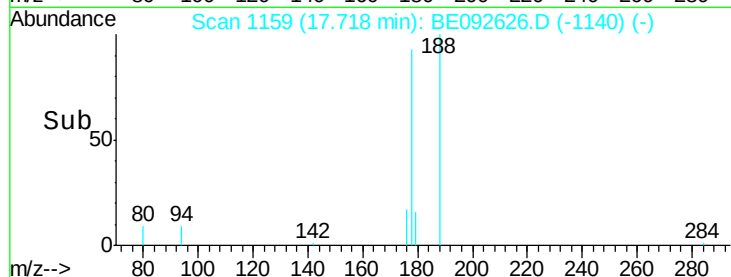
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#22

Anthracene

Concen: 0.06 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

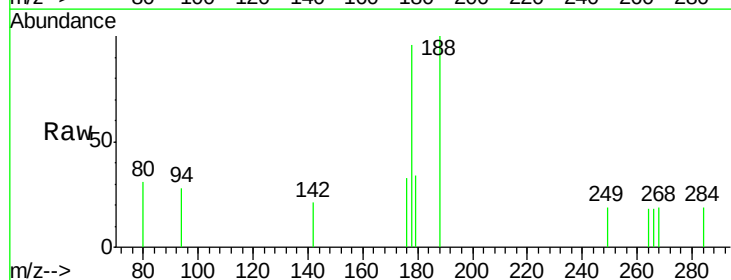
Tgt Ion:178 Resp: 734

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

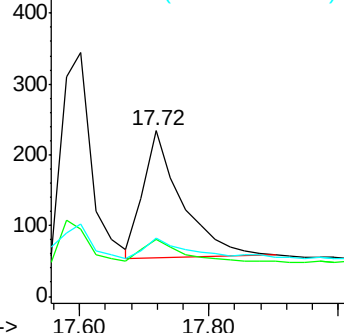
179 19.1 12.2 18.2#



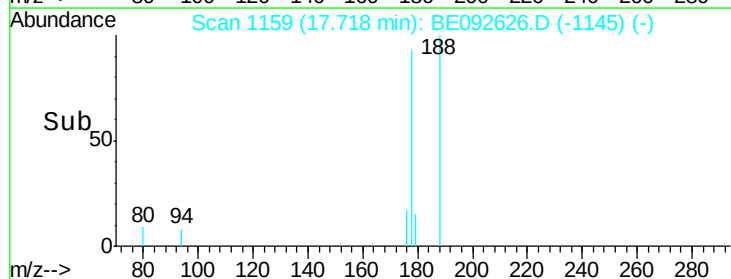
Abundance Ion 178.00 (177.70 to 178.70): E

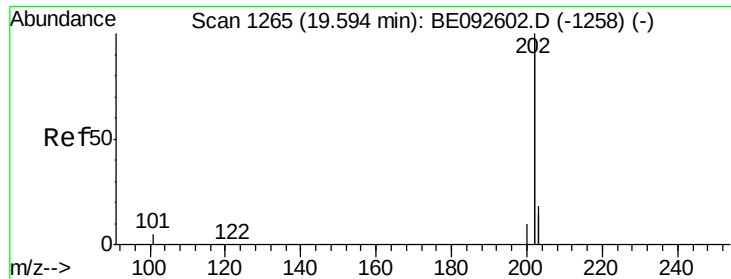
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Fluoranthene

Concen: 0.06 ng

RT: 19.61 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

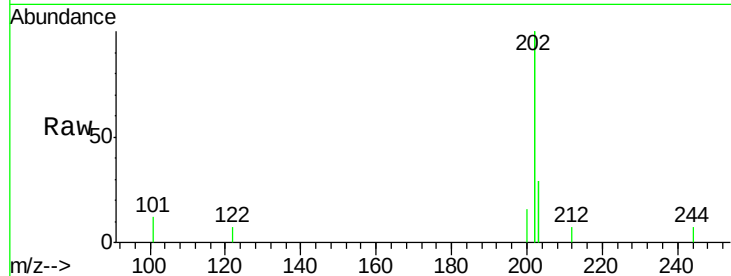
Tgt Ion:202 Resp: 3374

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

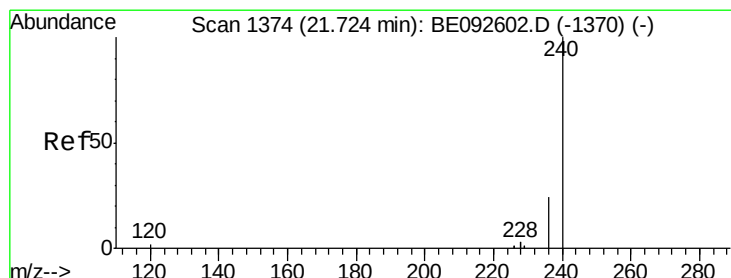
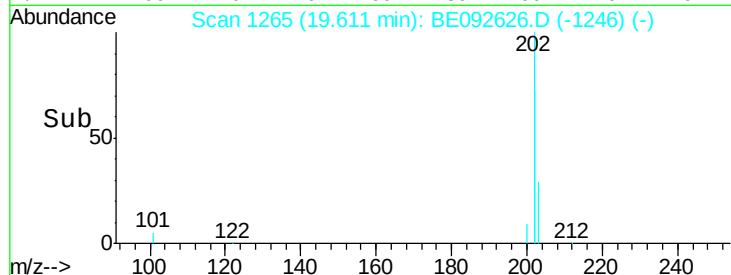
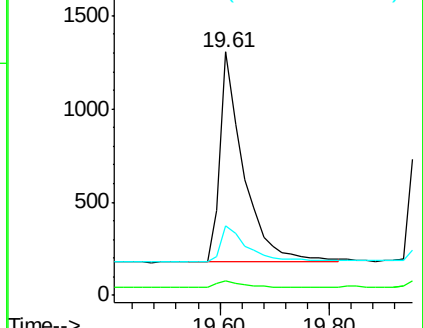
203 17.8 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

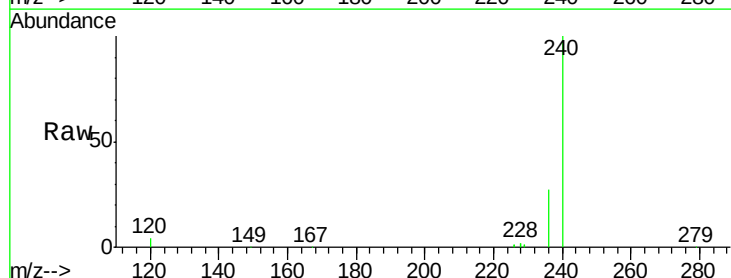
Tgt Ion:240 Resp: 53074

Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

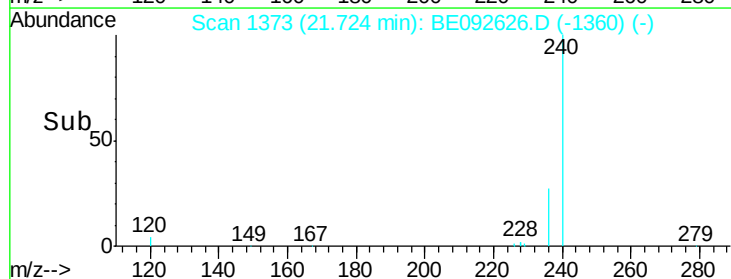
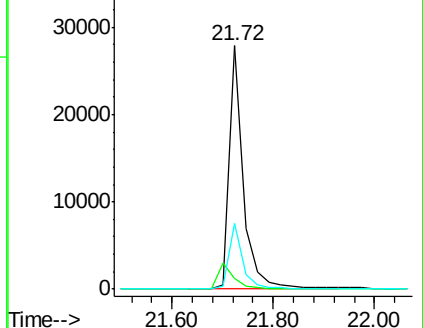
236 27.1 24.6 37.0

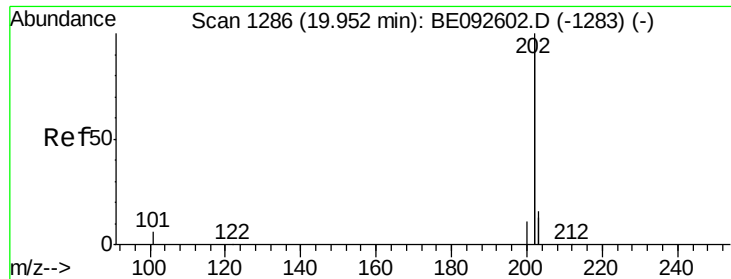


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.07 ng

RT: 19.97 min Scan# 1286

Delta R.T. 0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

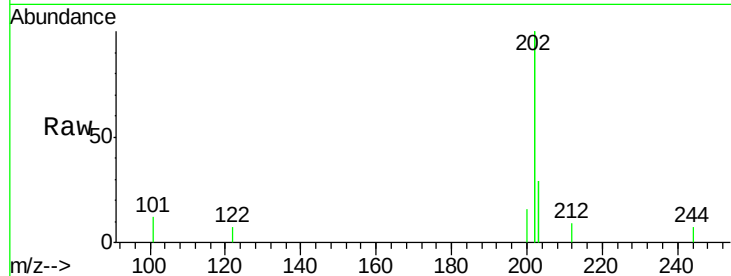
Tgt Ion:202 Resp: 3376

Ion Ratio Lower Upper

202 100

200 5.6 4.2 6.4

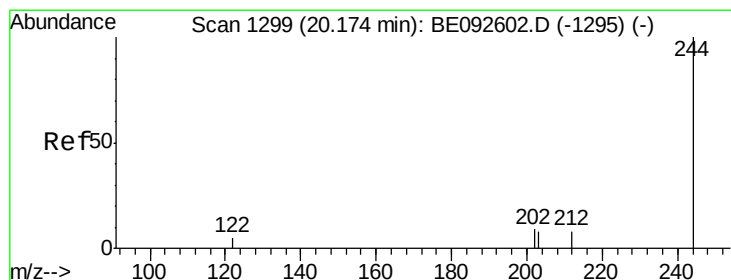
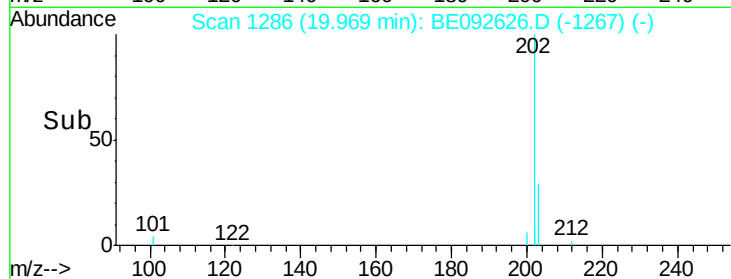
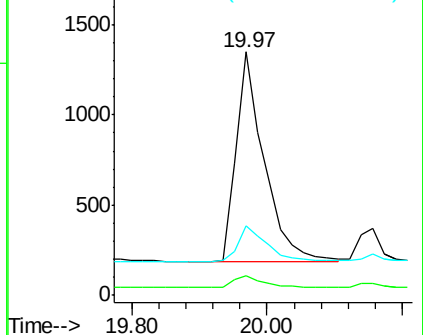
203 17.4 13.9 20.9



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



#26

Terphenyl-d14

Concen: 4.37 ng

RT: 20.16 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

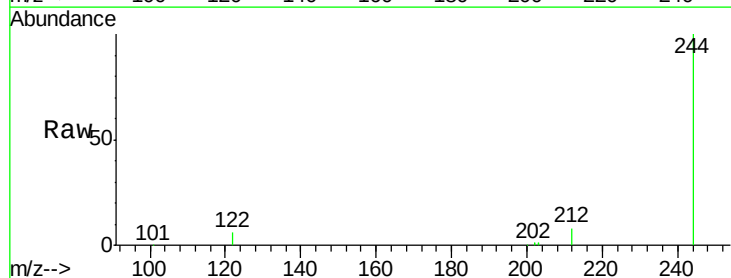
Tgt Ion:244 Resp: 28461

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

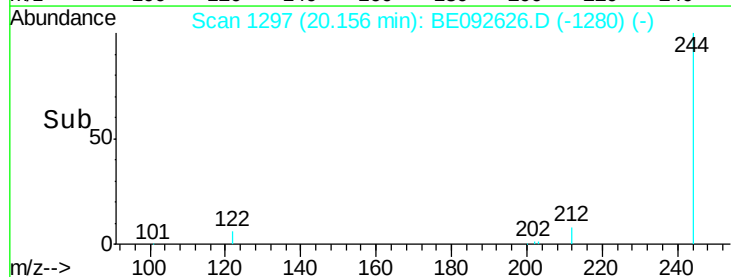
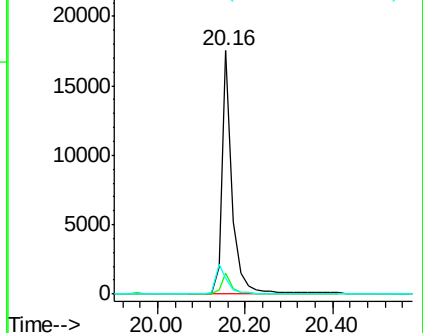
122 6.3 3.6 5.4#

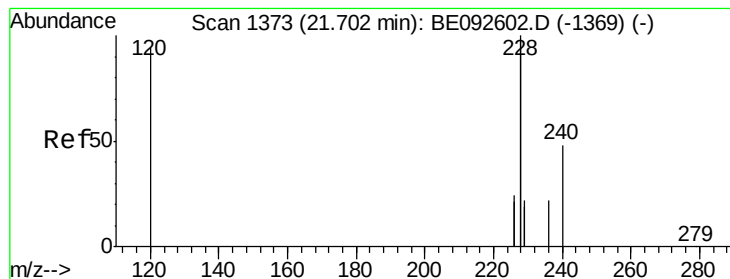


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.16 ng

RT: 21.75 min Scan# 1374

Delta R.T. 0.04 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

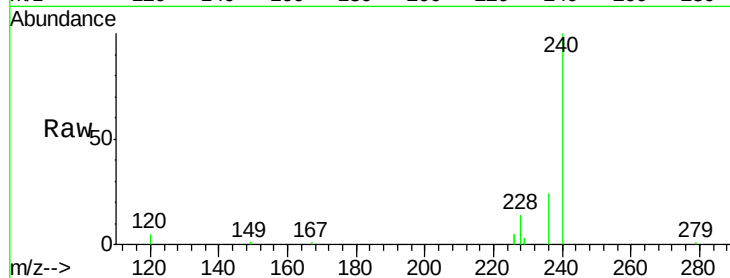
Tgt Ion:228 Resp: 7830

Ion Ratio Lower Upper

228 100

226 40.3 23.6 35.4#

229 23.5 13.3 19.9#

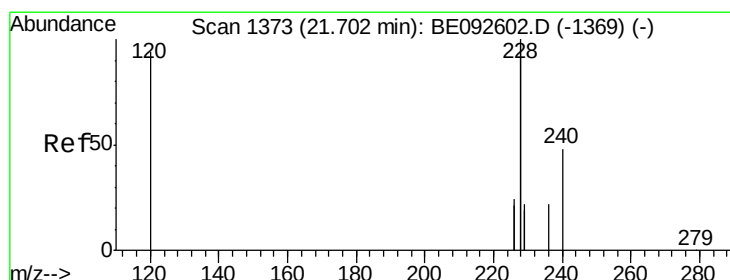
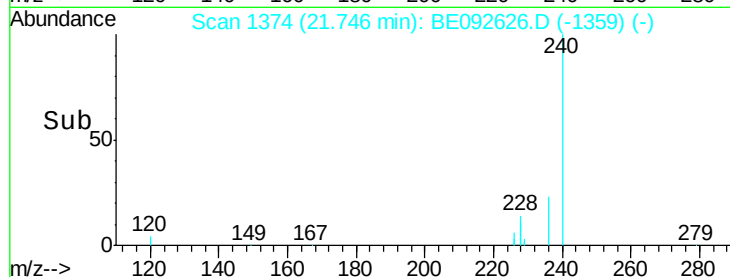
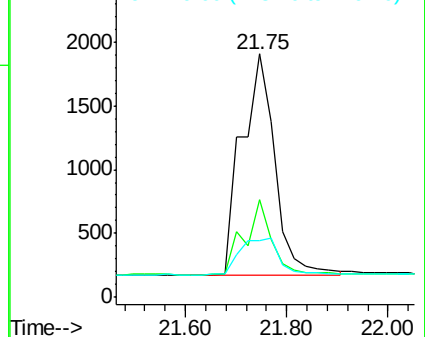


Abundance

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



#28

Chrysene

Concen: 0.14 ng

RT: 21.75 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

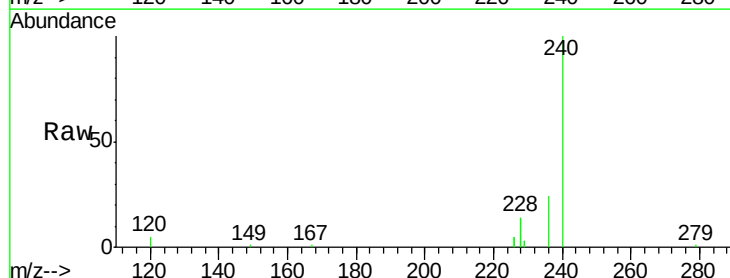
Tgt Ion:228 Resp: 7892

Ion Ratio Lower Upper

228 100

226 40.3 36.3 54.5

229 23.5 10.6 16.0#

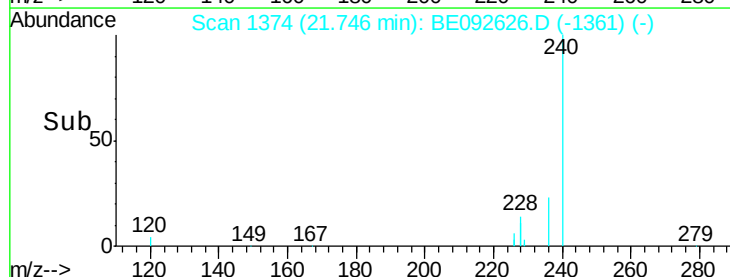
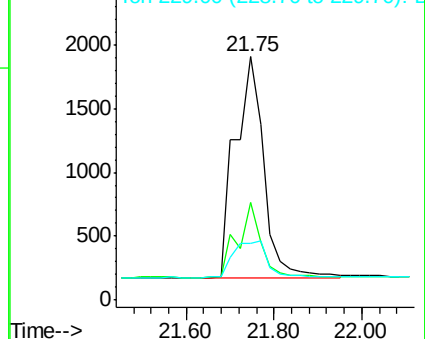


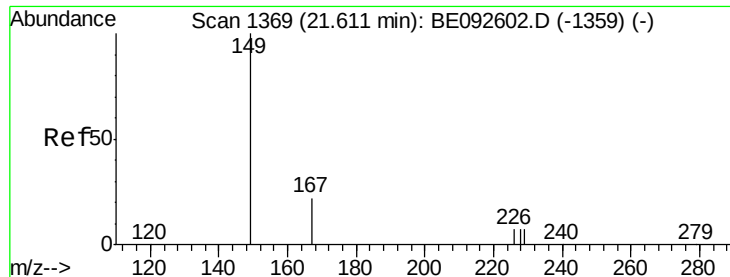
Abundance

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





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.61 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

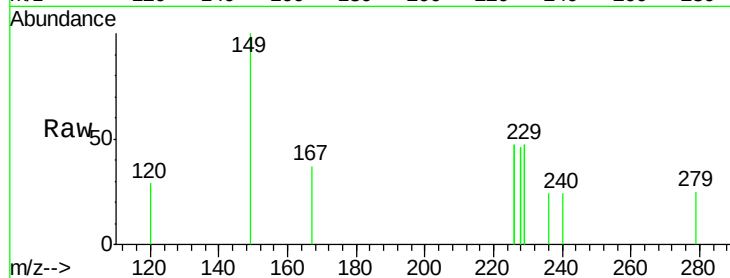
Tgt Ion:149 Resp: 304

Ion Ratio Lower Upper

149 100

167 20.4 16.0 24.0

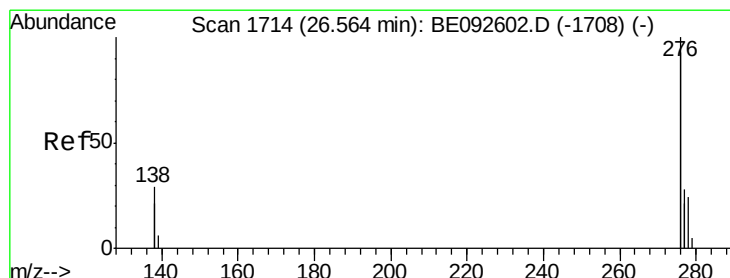
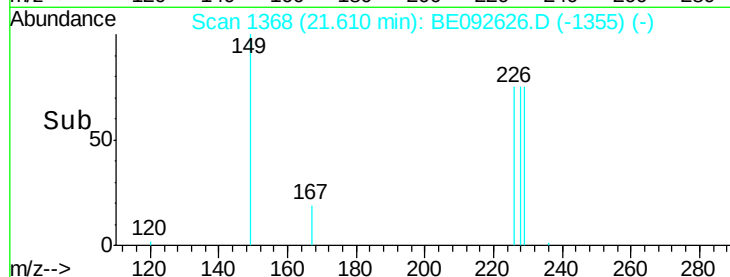
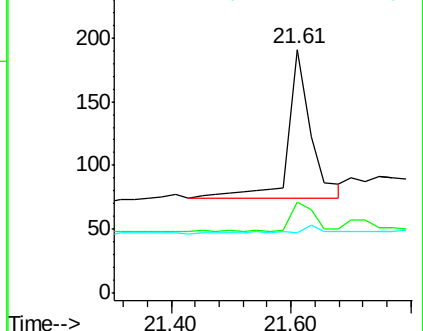
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng

RT: 26.62 min Scan# 1716

Delta R.T. 0.05 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

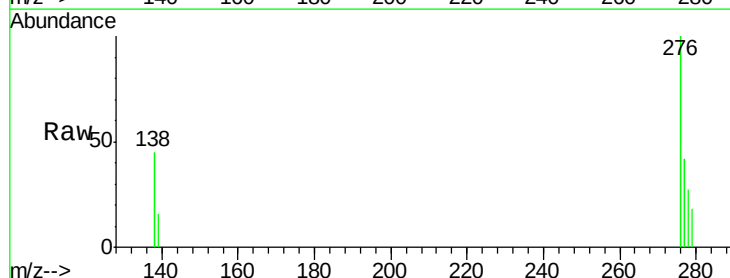
Tgt Ion:276 Resp: 3760

Ion Ratio Lower Upper

276 100

138 26.5 20.3 30.5

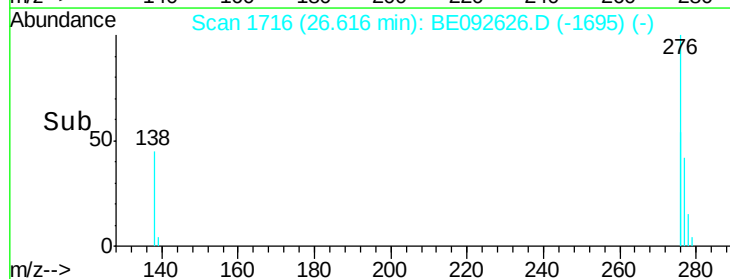
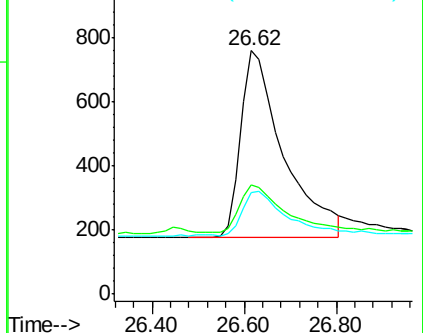
277 26.2 19.7 29.5

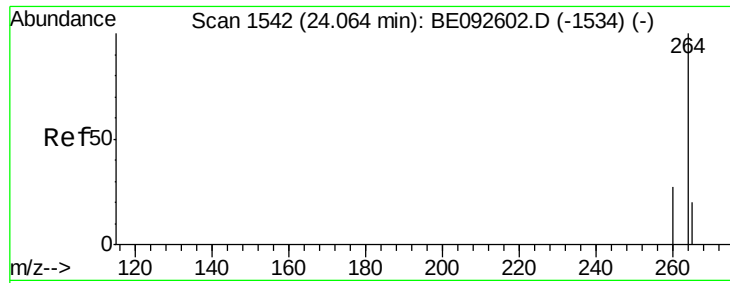


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

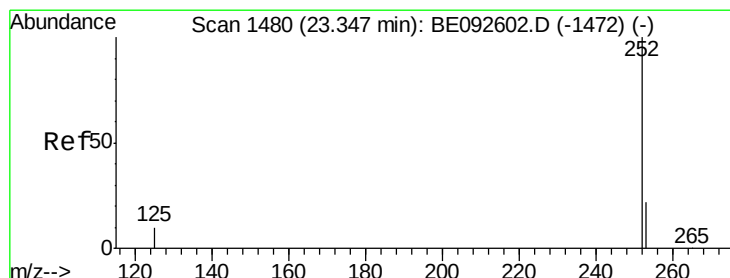
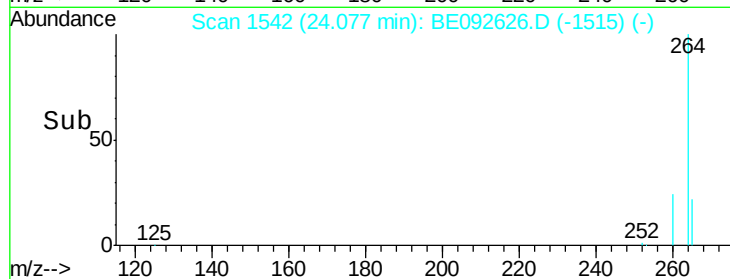
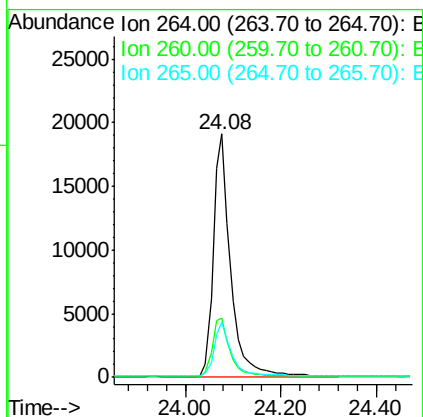
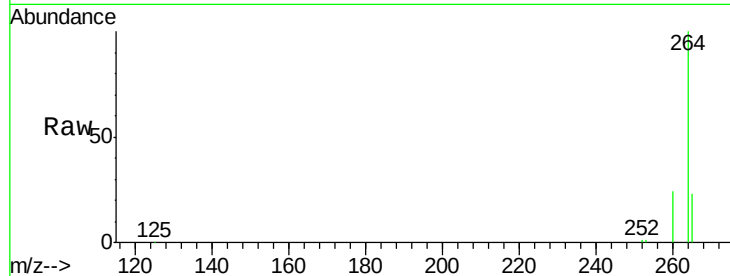




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

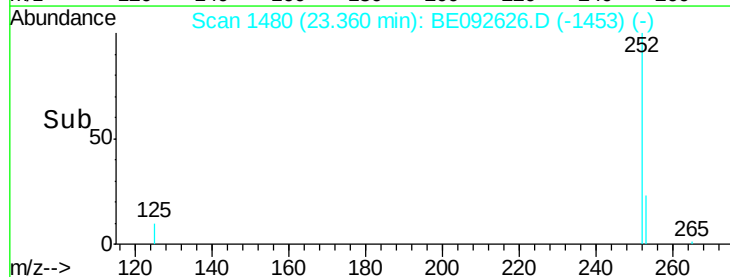
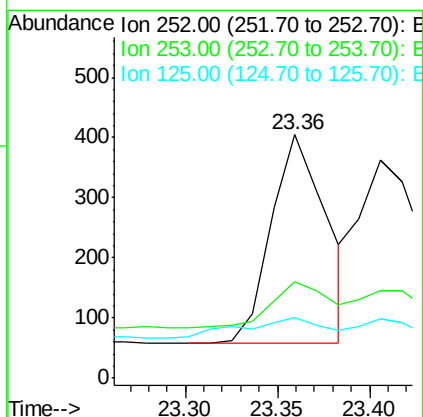
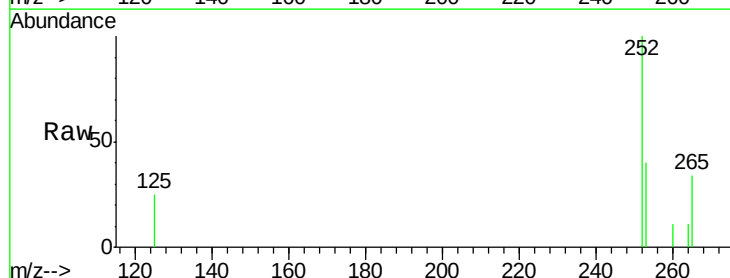
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT1-2017

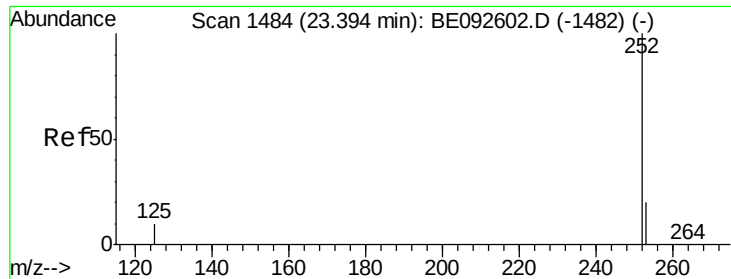
Tgt Ion: 264 Resp: 48692
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.8 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.06 ng
 RT: 23.36 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BE092626.D
 Acq: 27 Dec 2016 18:31

Tgt Ion: 252 Resp: 722
 Ion Ratio Lower Upper
 252 100
 253 39.5 18.7 28.1#
 125 24.9 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 23.41 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

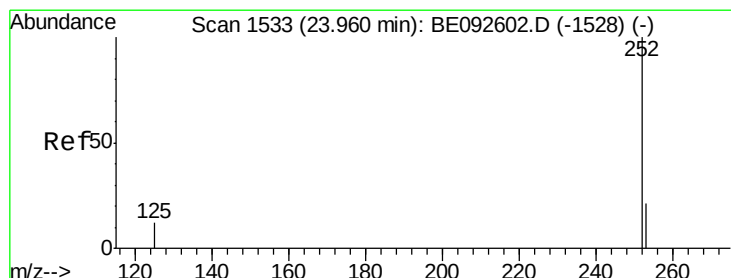
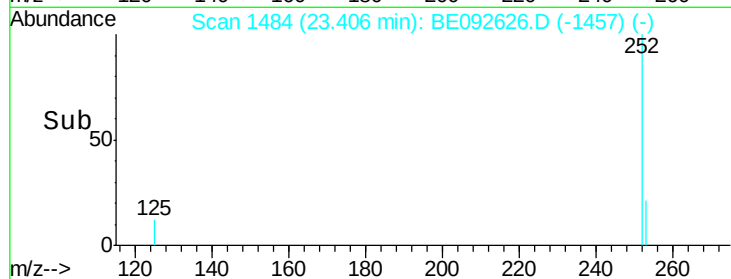
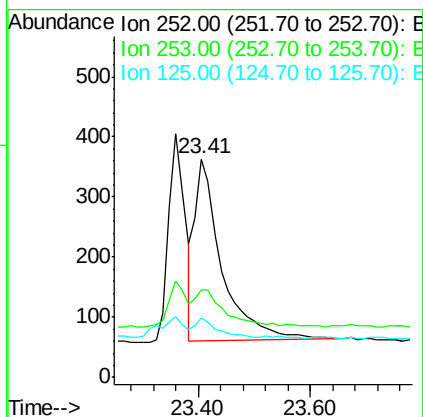
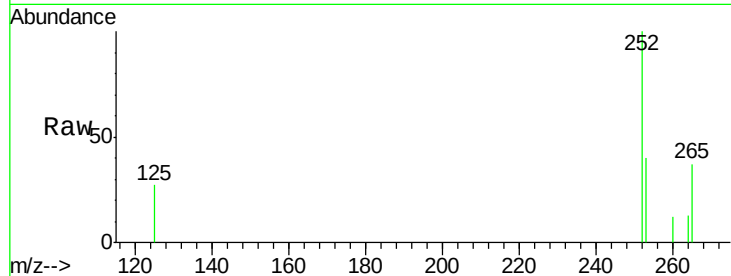
Tgt Ion:252 Resp: 1001

Ion Ratio Lower Upper

252 100

253 39.9 20.3 30.5#

125 27.0 9.6 14.4#



#34

Benzo(a)pyrene

Concen: 0.06 ng

RT: 23.97 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

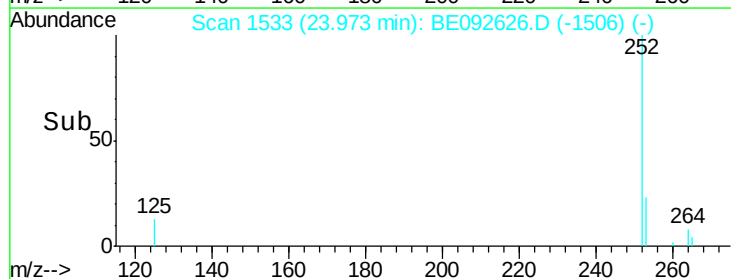
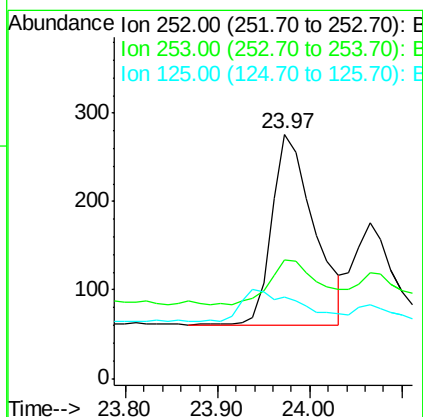
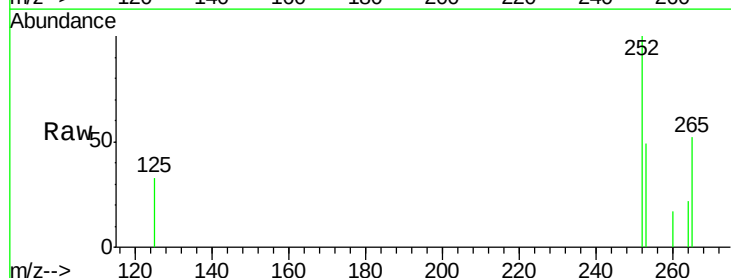
Tgt Ion:252 Resp: 692

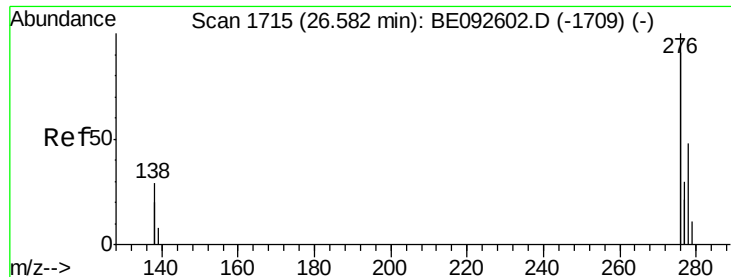
Ion Ratio Lower Upper

252 100

253 48.6 19.0 28.6#

125 33.3 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 0.07 ng

RT: 26.65 min Scan# 1718

Delta R.T. 0.07 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT1-2017

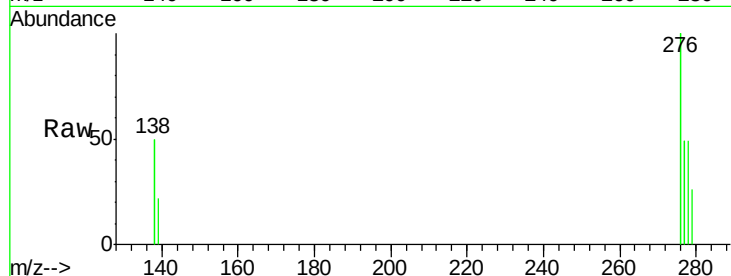
Tgt Ion: 278 Resp: 733

Ion Ratio Lower Upper

278 100

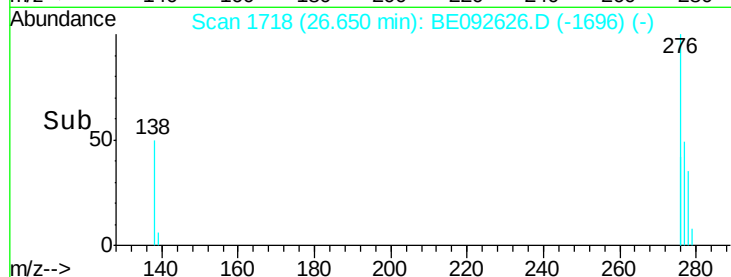
139 44.4 13.8 20.8#

279 52.3 21.4 32.2#

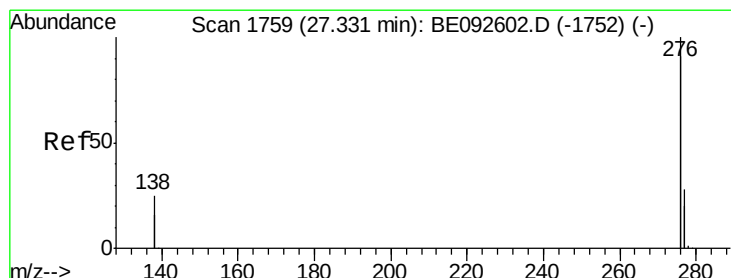


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

26.65



Time-->



#36

Benzo(g,h,i)perylene

Concen: 0.08 ng

RT: 27.37 min Scan# 1760

Delta R.T. 0.03 min

Lab File: BE092626.D

Acq: 27 Dec 2016 18:31

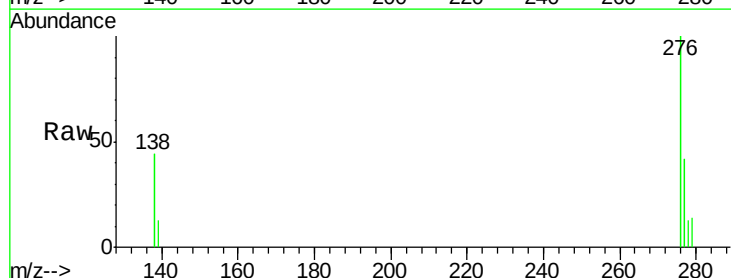
Tgt Ion: 276 Resp: 3605

Ion Ratio Lower Upper

276 100

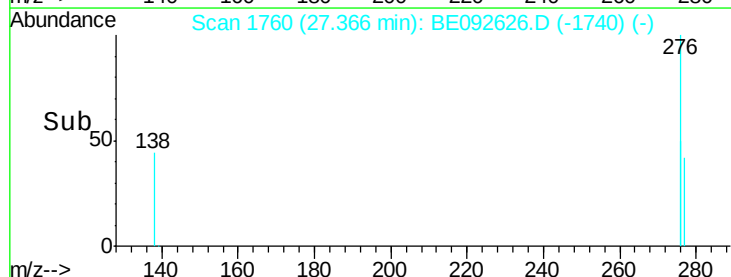
277 41.9 19.8 29.8#

138 43.7 19.8 29.6#



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

27.37



Time-->