

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100236.D
 Acq On : 28 Jun 2019 16:02
 Operator : JU/SJ
 Sample : K2241-07
 Misc : LOD-W-0.1PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 29 00:00:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	453	0.40	ng	0.01
7) Naphthalene-d8	10.46	136	1548	0.40	ng	0.01
13) Acenaphthene-d10	14.33	164	1270	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	3963	0.40	ng	0.01
27) Chrysene-d12	21.24	240	5897	0.40	ng	0.00
34) Perylene-d12	23.67	264	7320	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	435	0.38	ng	0.00
5) Phenol-d6	6.87	99	464	0.31	ng	0.03
8) Nitrobenzene-d5	8.85	82	538	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	1154	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.84	330	305	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	2001	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	23363	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	4916	0.40	ng	0.00

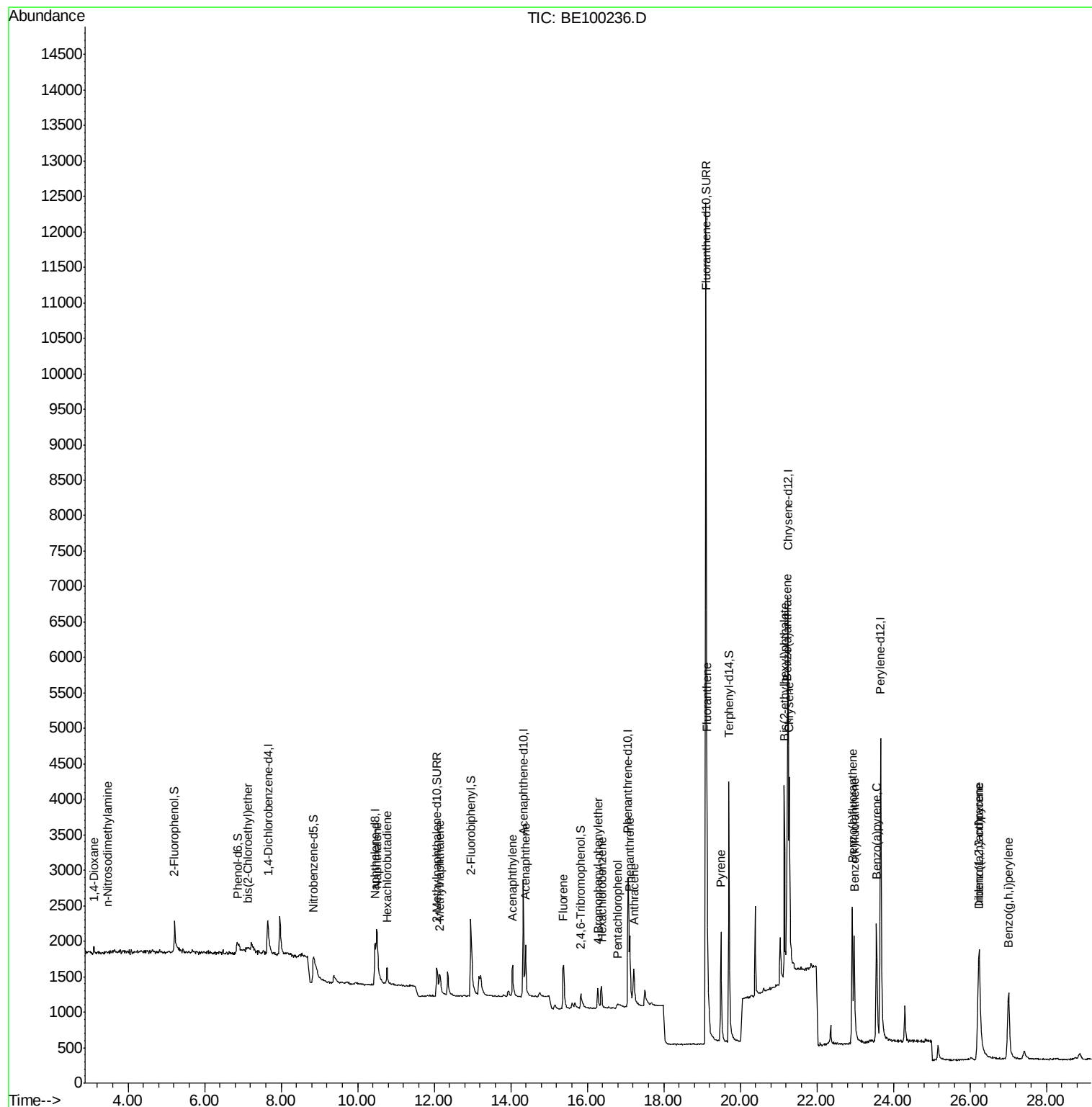
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	102	0.145	ng	# 82
3) n-Nitrosodimethylamine	3.47	42	15	0.046	ng	# 1
6) bis(2-Chloroethyl)ether	7.12	93	97	0.078	ng	# 1
9) Naphthalene	10.51	128	2167	0.127	ng	# 87
10) Hexachlorobutadiene	10.76	225	204	0.124	ng	93
12) 2-Methylnaphthalene	12.15	142	335	0.112	ng	92
16) Acenaphthylene	14.05	152	807	0.132	ng	97
17) Acenaphthene	14.38	154	420	0.122	ng	93
18) Fluorene	15.38	166	660	0.129	ng	95
20) 4-Bromophenyl-phenylether	16.28	248	304	0.120	ng	# 89
21) Hexachlorobenzene	16.37	284	323	0.123	ng	99
22) Pentachlorophenol	16.80	266	143	0.181	ng	# 82
23) Phenanthrene	17.11	178	1145	0.119	ng	98
24) Anthracene	17.21	178	949	0.110	ng	97
26) Fluoranthene	19.13	202	1933	0.126	ng	100
28) Pyrene	19.49	202	1933	0.124	ng	98
30) Benzo(a)anthracene	21.23	228	2252	0.116	ng	98
31) Chrysene	21.28	228	2541	0.131	ng	95
32) Bis(2-ethylhexyl)phthalate	21.15	149	3451	0.068	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	3261	0.127	ng	# 78
35) Benzo(b)fluoranthene	22.93	252	2544	0.128	ng	# 78
36) Benzo(k)fluoranthene	22.97	252	2833	0.128	ng	# 85
37) Benzo(a)pyrene	23.56	252	2668	0.134	ng	# 51
38) Dibenzo(a,h)anthracene	26.25	278	2419	0.116	ng	# 85
39) Benzo(g,h,i)perylene	27.01	276	2740	0.128	ng	# 92

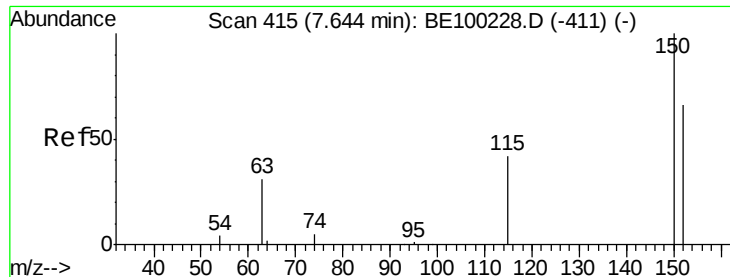
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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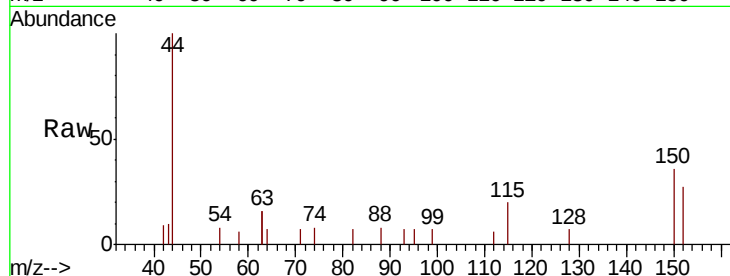


#1

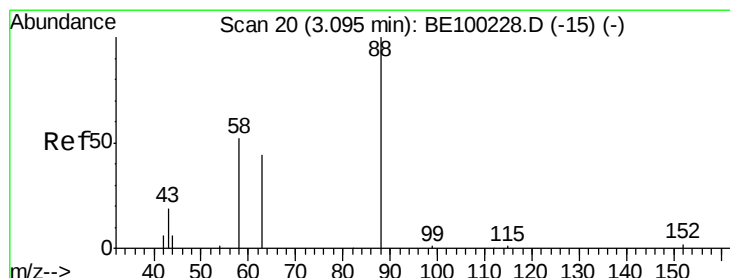
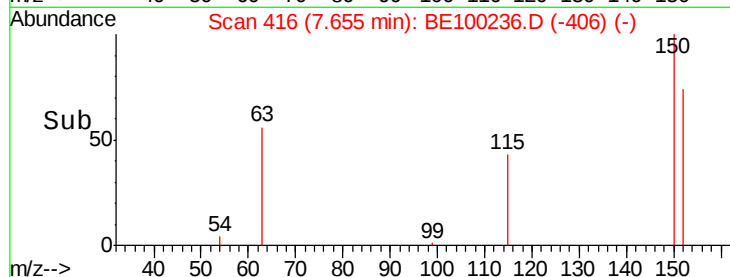
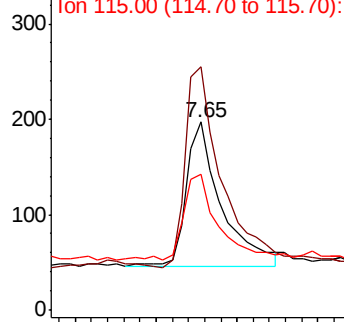
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:152 Resp: 453
Ion Ratio Lower Upper
152 100
150 129.4 114.5 171.7
115 72.6 57.1 85.7



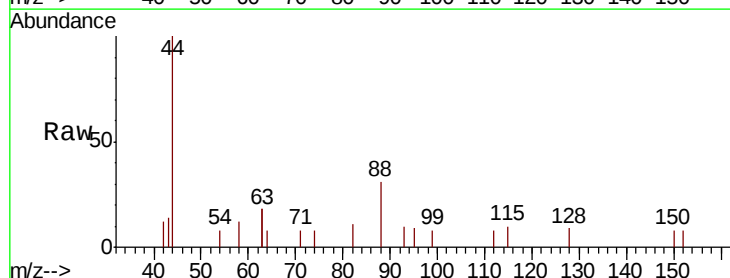
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



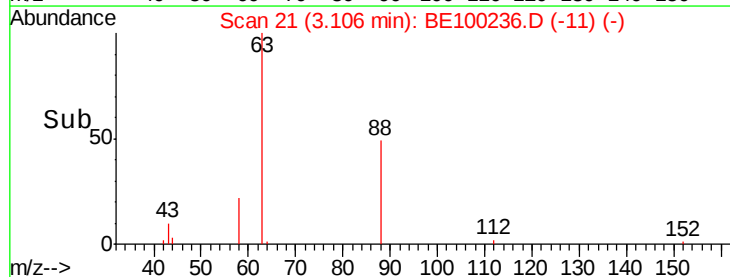
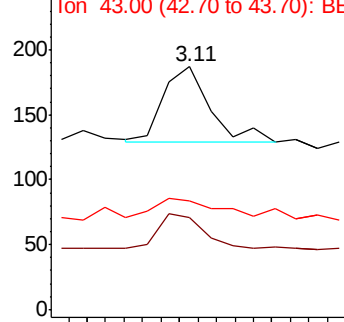
#2

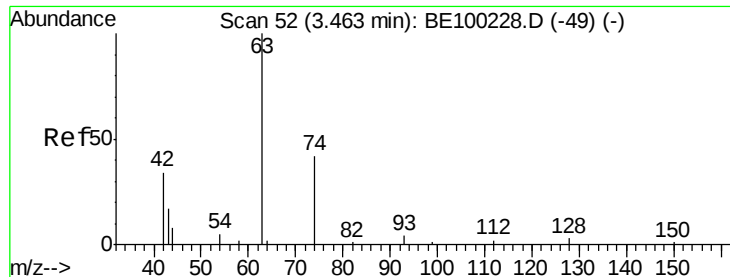
1,4-Dioxane
Concen: 0.145 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
58 50.0 43.6 65.4
43 49.0 21.4 32.0#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

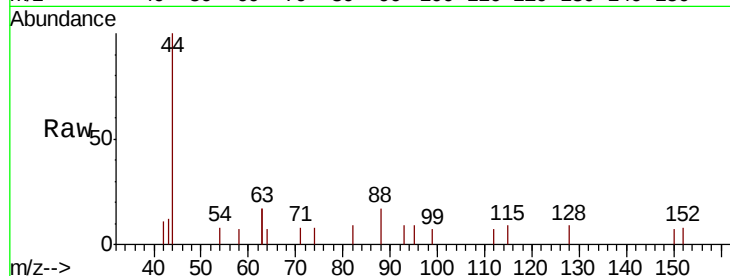
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

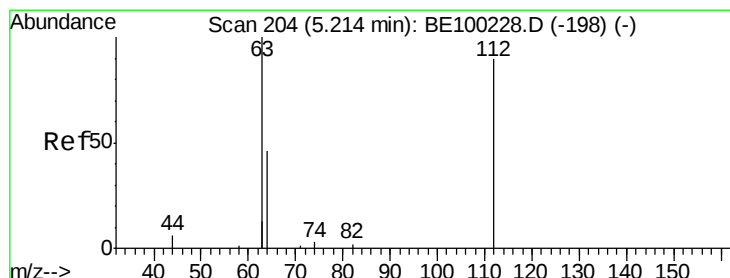
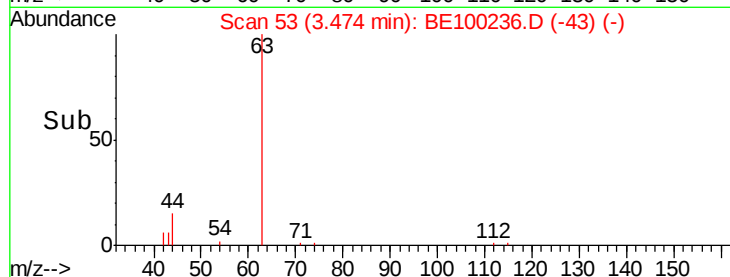
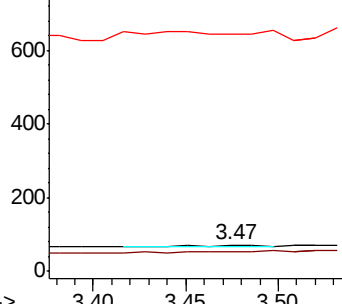
44 0.0 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.377 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

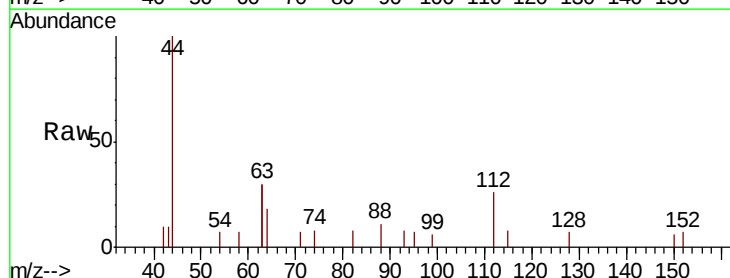
Tgt Ion: 112 Resp: 435

Ion Ratio Lower Upper

112 100

64 50.1 39.4 59.0

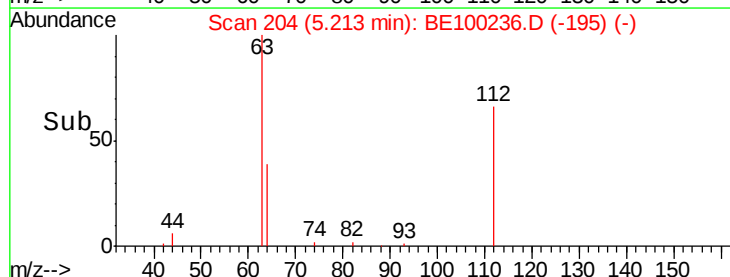
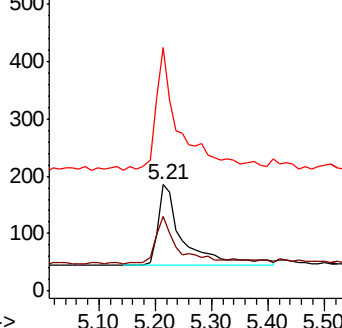
63 147.4 104.5 156.7

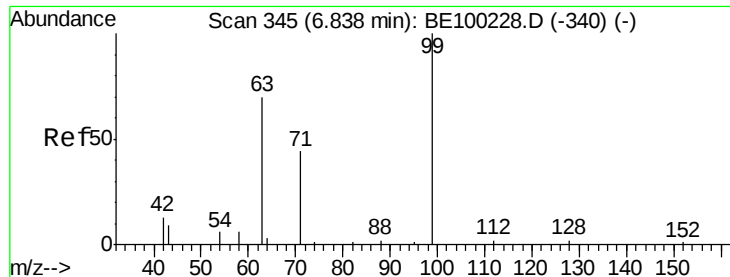


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.305 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

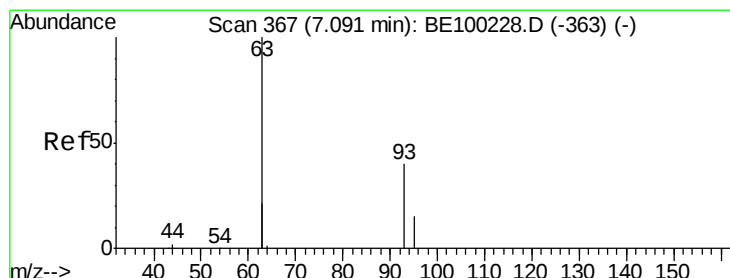
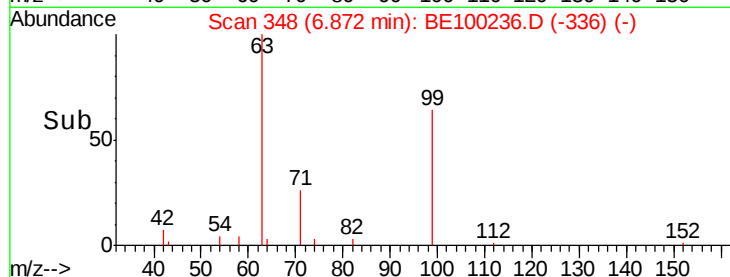
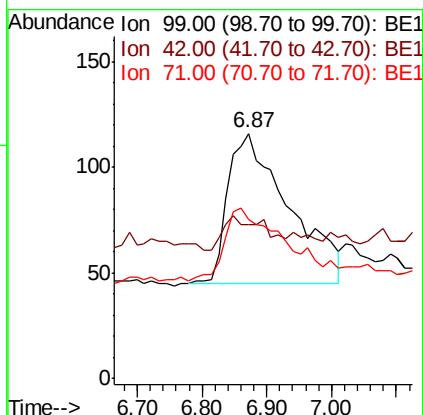
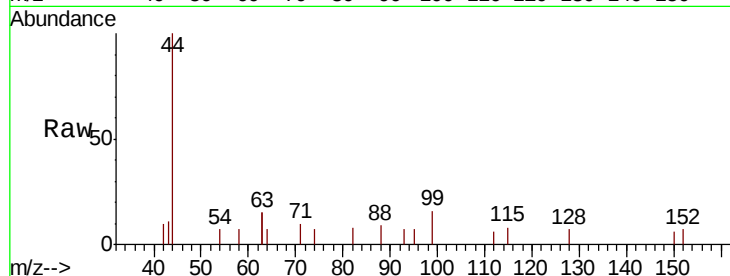
Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:	99	Resp:	464
Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	50.4	37.2	55.8



#6

bis(2-Chloroethyl)ether

Concen: 0.078 ng

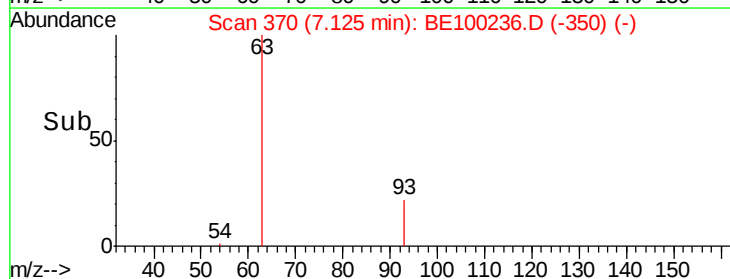
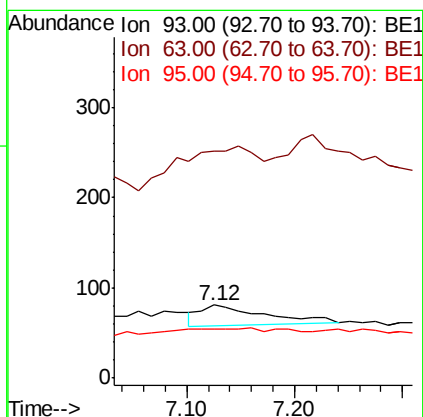
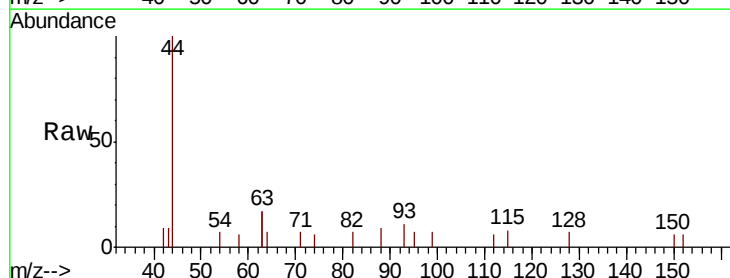
RT: 7.12 min Scan# 370

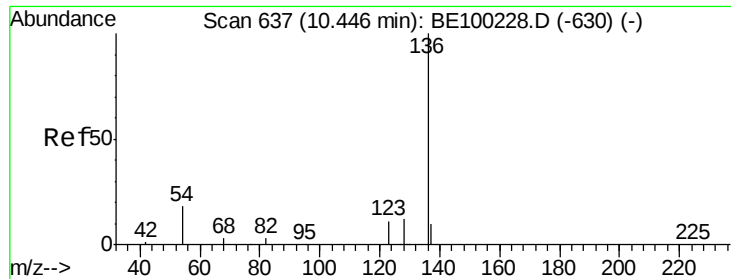
Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	93	Resp:	97
Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	0.0	23.0	34.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion:136 Resp: 1548

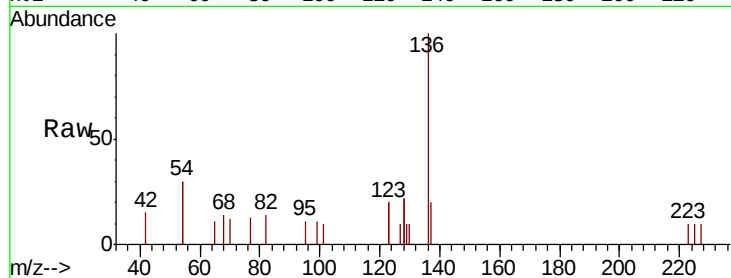
Ion Ratio Lower Upper

136 100

137 20.3 11.8 17.8#

54 59.2 27.7 41.5#

68 14.3 6.8 10.2#

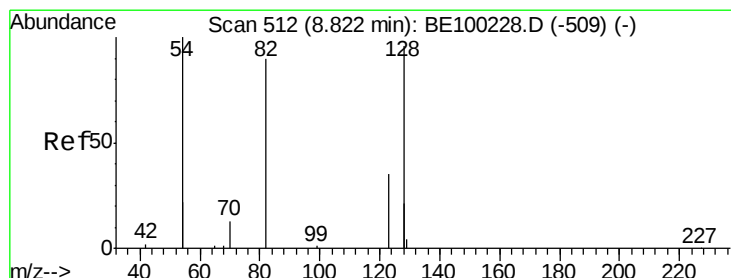
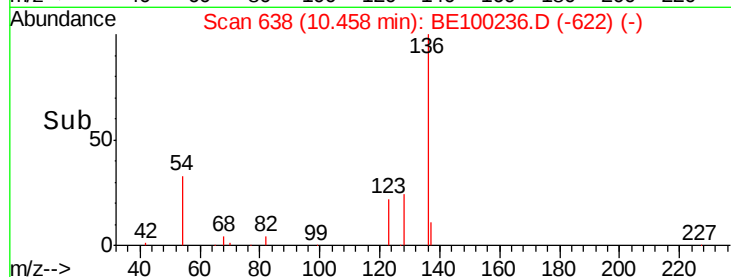
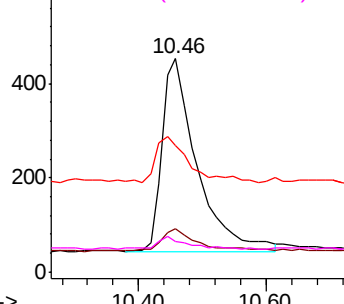


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

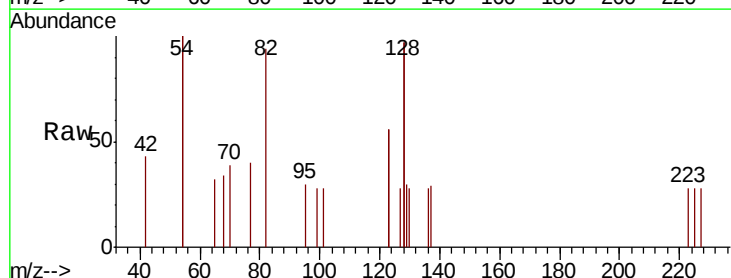
Tgt Ion: 82 Resp: 538

Ion Ratio Lower Upper

82 100

128 206.6 140.9 211.3

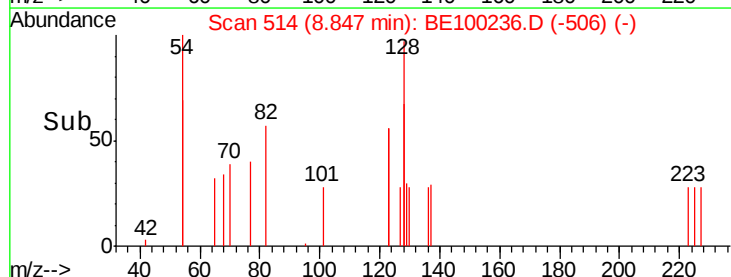
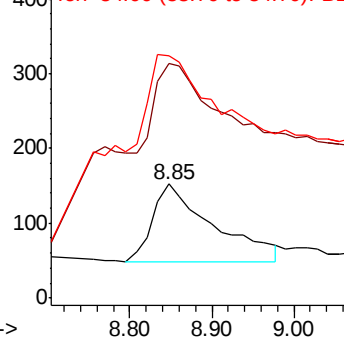
54 213.2 146.2 219.2

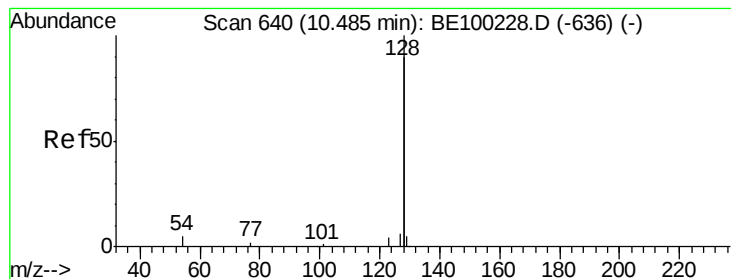


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.127 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.03 min

Lab File: BE100236.D

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BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

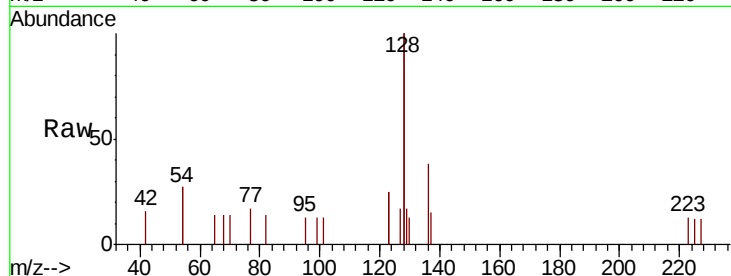
Tgt Ion:128 Resp: 2167

Ion Ratio Lower Upper

128 100

129 8.5 3.0 4.6#

127 8.6 3.5 5.3#



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

1000

800

600

400

200

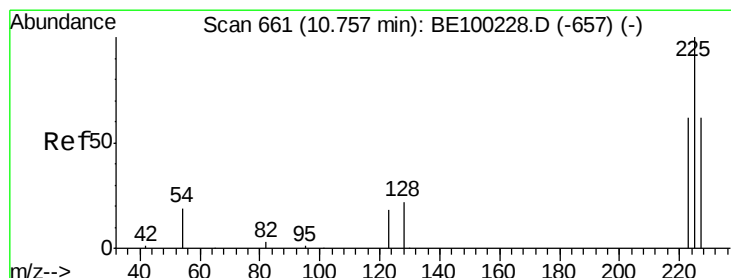
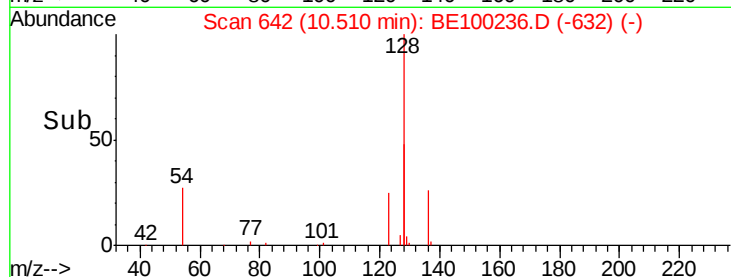
0

10.40

10.50

10.60

Time-->



#10

Hexachlorobutadiene

Concen: 0.124 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

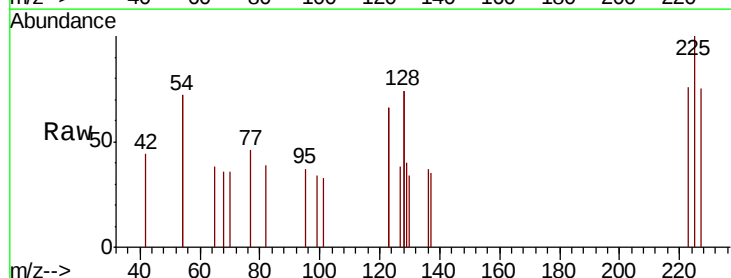
Tgt Ion:225 Resp: 204

Ion Ratio Lower Upper

225 100

223 63.2 49.1 73.7

227 70.1 49.3 73.9



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

150

100

50

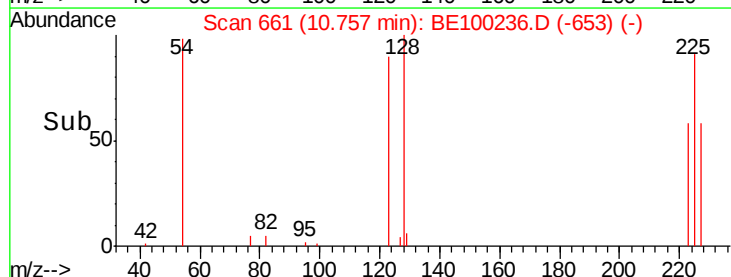
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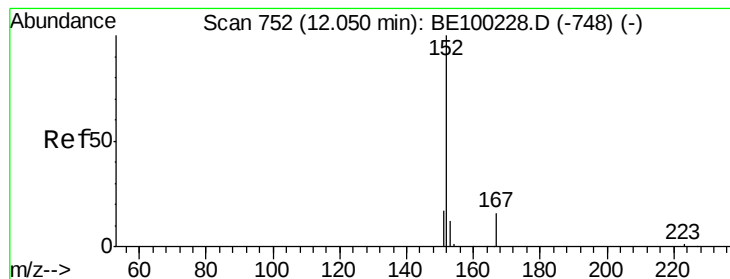
10.70

10.75

10.80

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.06 min Scan# 753

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

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BNA_E

ClientSampleId :

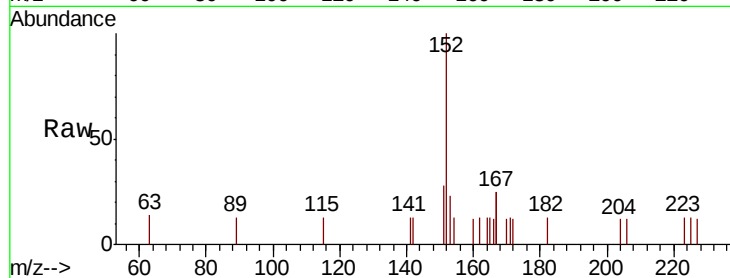
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:152 Resp: 1154

Ion Ratio Lower Upper

152 100

151 20.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.06

300

200

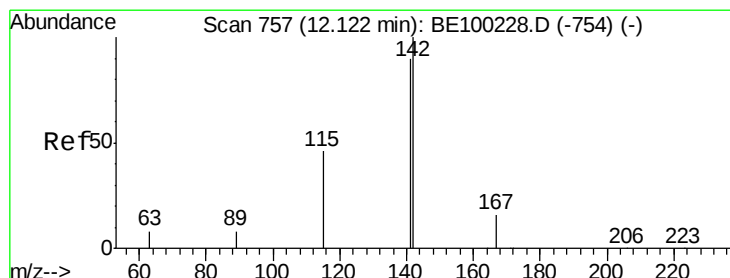
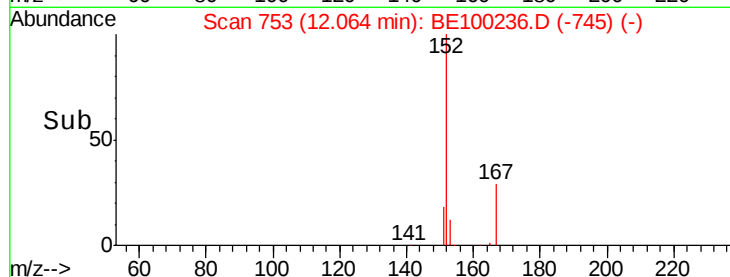
100

0

Time-->

12.00

12.20



#12

2-Methylnaphthalene

Concen: 0.112 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

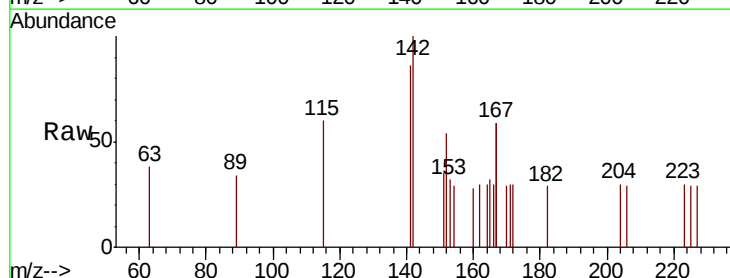
Tgt Ion:142 Resp: 335

Ion Ratio Lower Upper

142 100

141 86.2 72.4 108.6

115 59.9 40.4 60.6



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

12.15

200

150

100

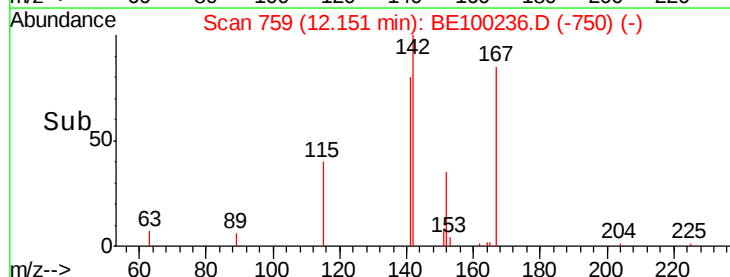
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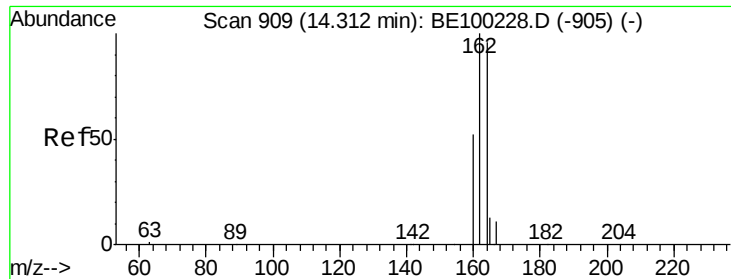
0

Time-->

12.10

12.20

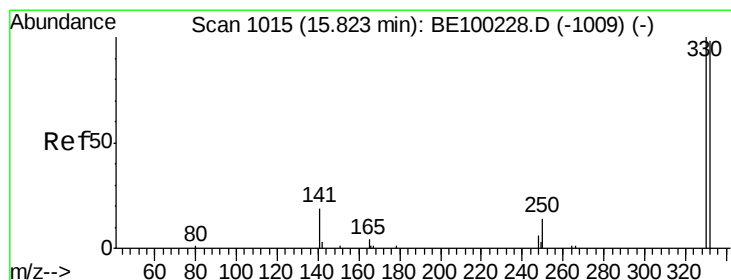
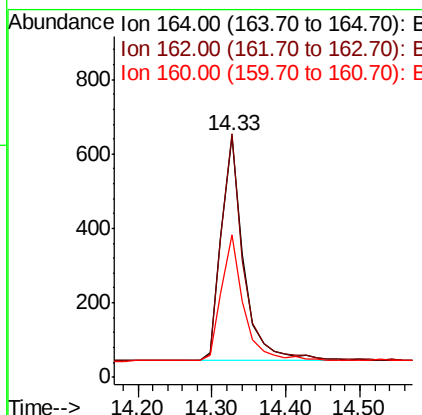
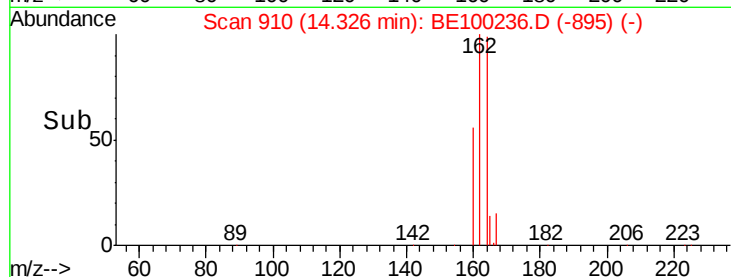
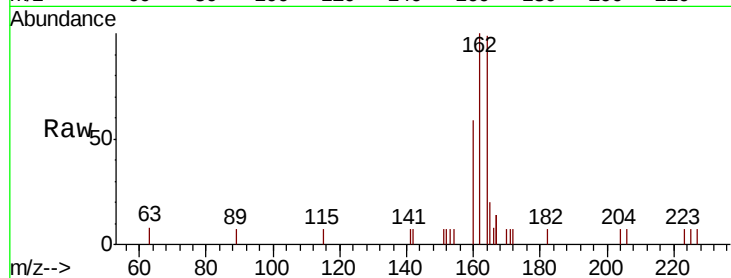




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

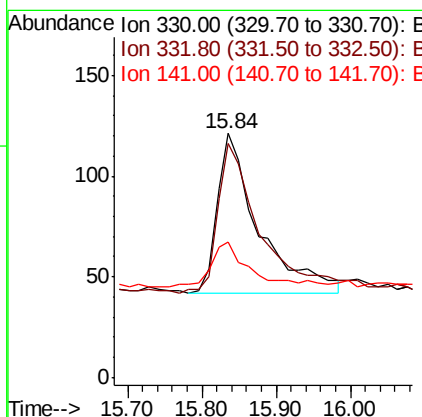
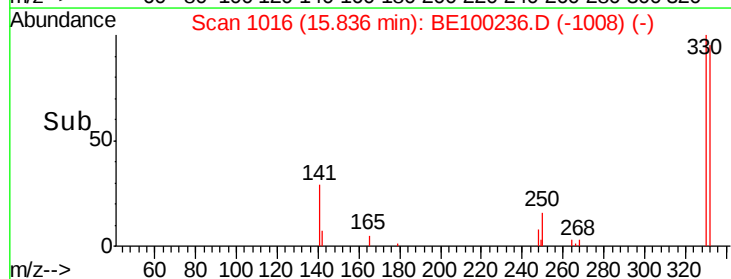
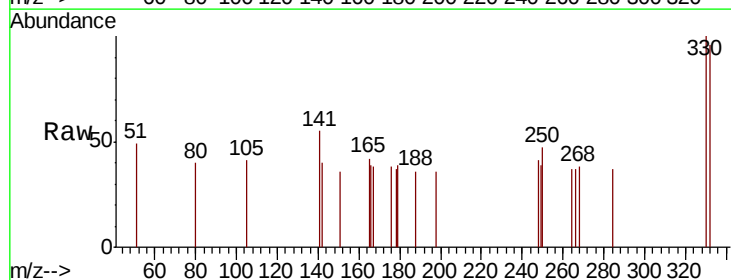
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

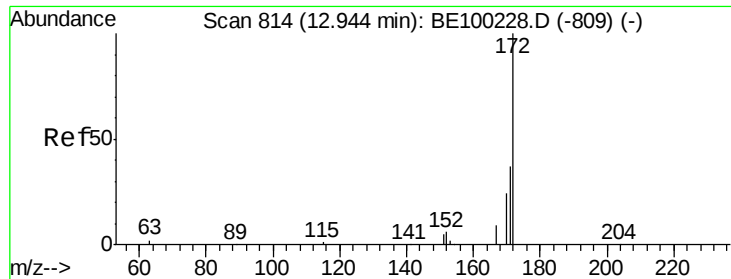
Tgt Ion:164 Resp: 1270
 Ion Ratio Lower Upper
 164 100
 162 100.8 83.4 125.0
 160 59.0 45.0 67.6



#14
 2,4,6-Tribromophenol
 Concen: 0.343 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

Tgt Ion:330 Resp: 305
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.4
 141 22.0 22.0 33.0#

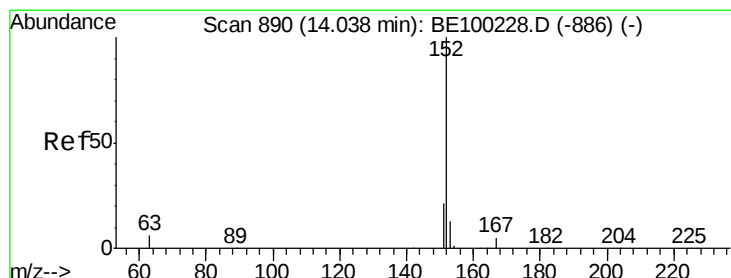
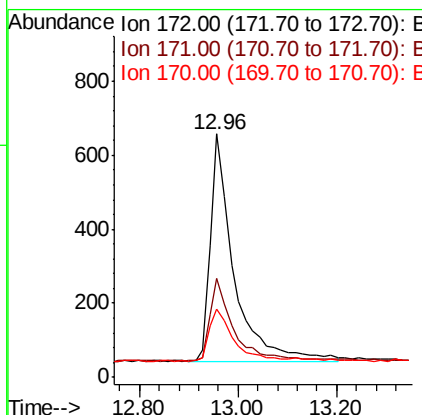
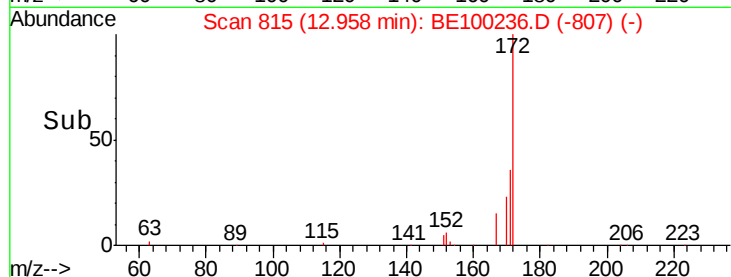
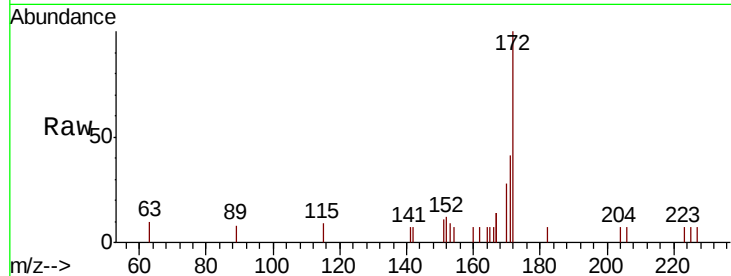




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

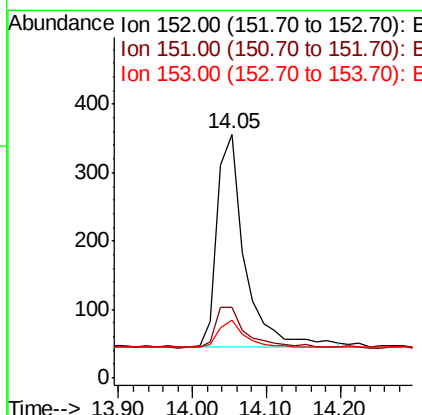
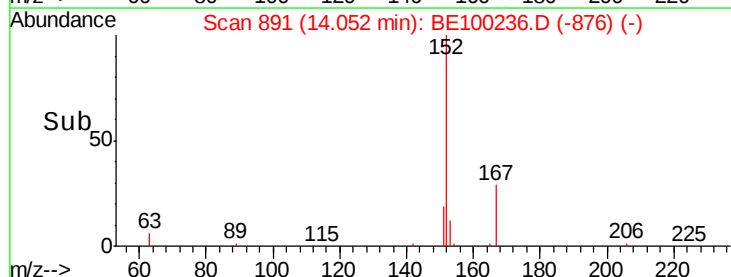
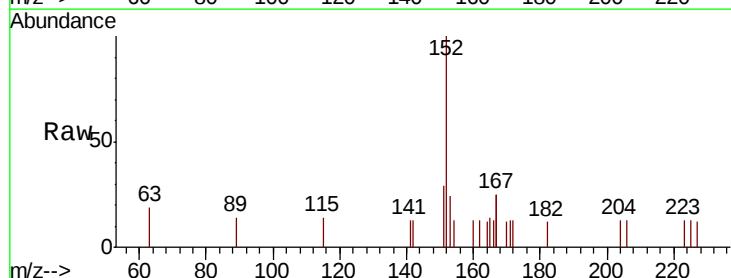
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

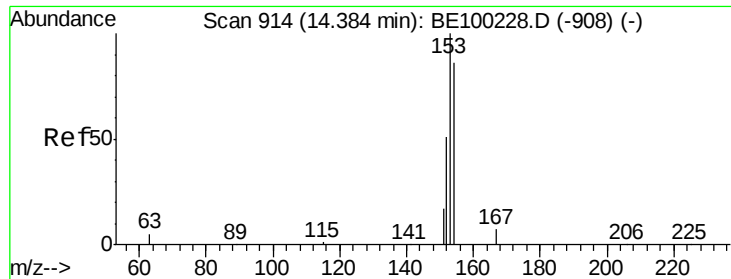
Tgt Ion:172 Resp: 2001
Ion Ratio Lower Upper
172 100
171 40.6 31.9 47.9
170 28.0 22.2 33.2



#16
Acenaphthylene
Concen: 0.132 ng
RT: 14.05 min Scan# 891
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion:152 Resp: 807
Ion Ratio Lower Upper
152 100
151 21.9 16.6 25.0
153 12.0 10.5 15.7

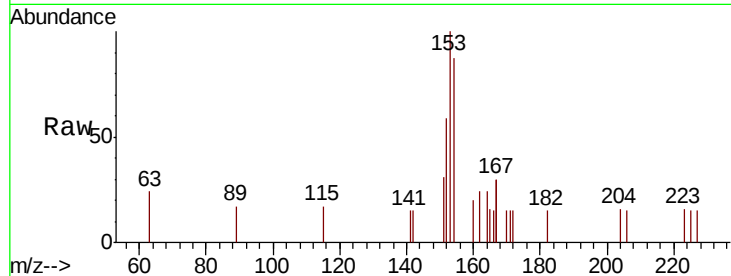




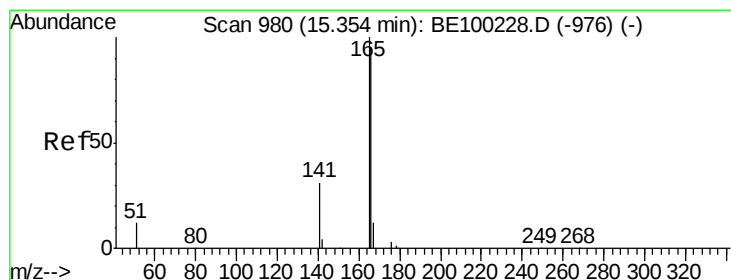
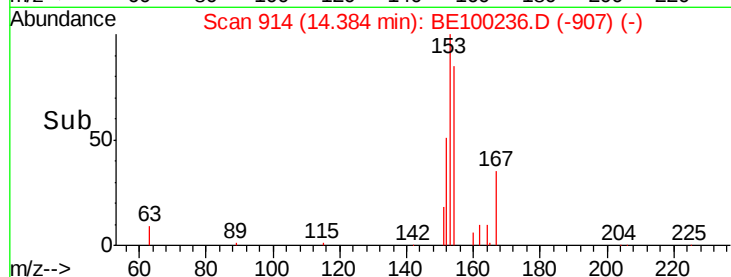
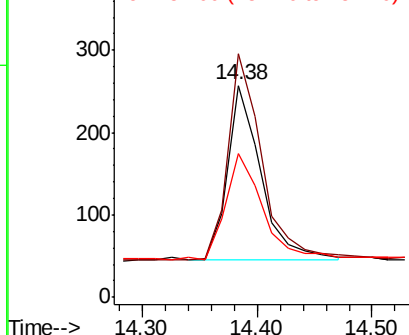
#17
Acenaphthene
Concen: 0.122 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:154 Resp: 420
Ion Ratio Lower Upper
154 100
153 123.8 93.4 140.2
152 69.0 49.4 74.2

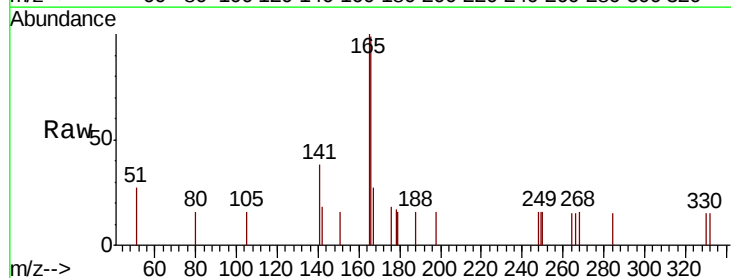


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

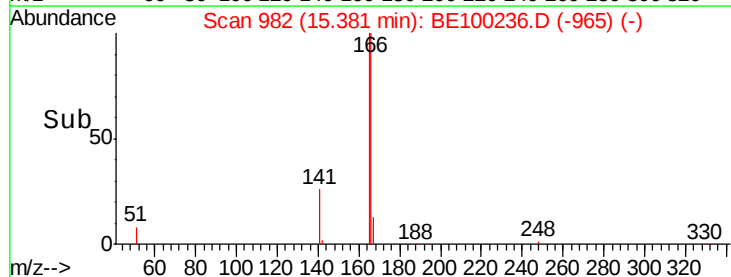
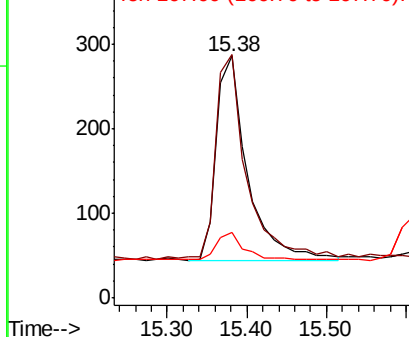


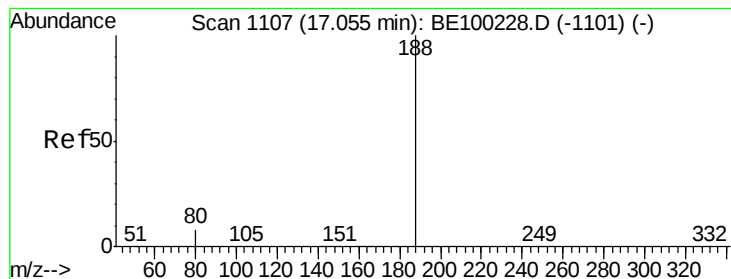
#18
Fluorene
Concen: 0.129 ng
RT: 15.38 min Scan# 982
Delta R.T. 0.03 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion:166 Resp: 660
Ion Ratio Lower Upper
166 100
165 96.2 81.1 121.7
167 12.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

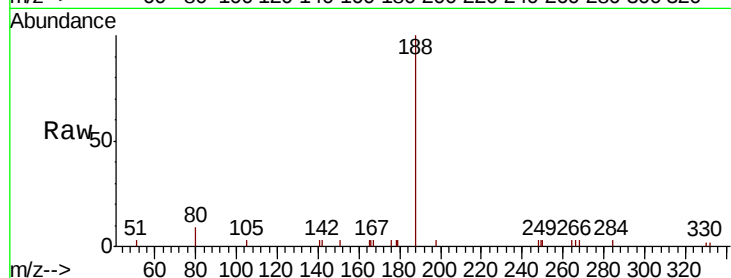
Tgt Ion:188 Resp: 3963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

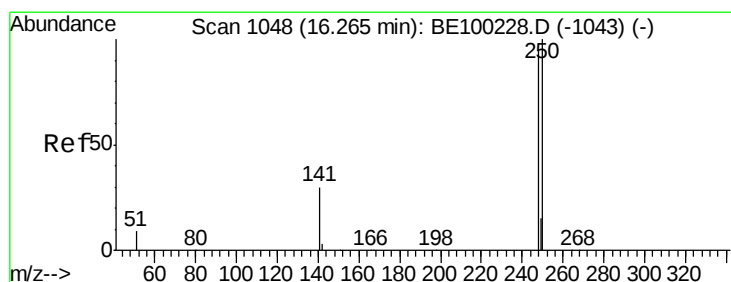
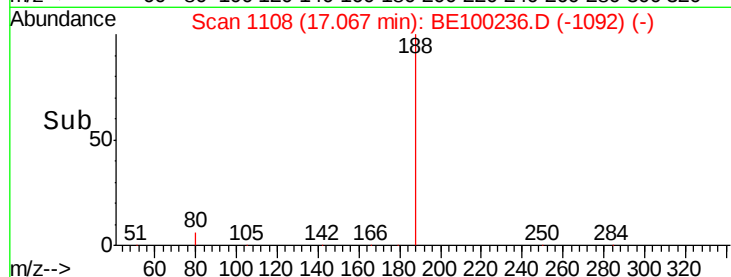
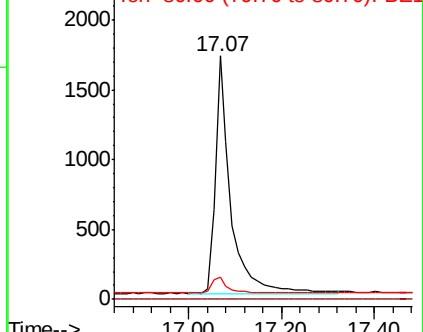
80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.120 ng

RT: 16.28 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

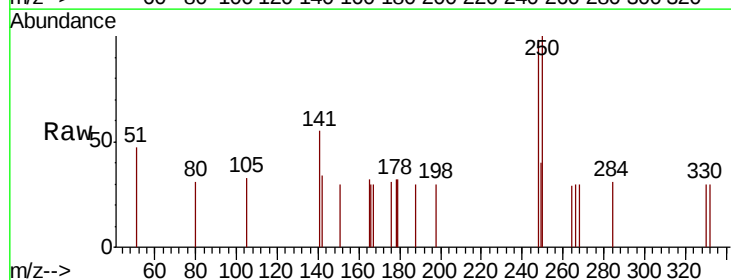
Tgt Ion:248 Resp: 304

Ion Ratio Lower Upper

248 100

250 102.1 84.2 126.4

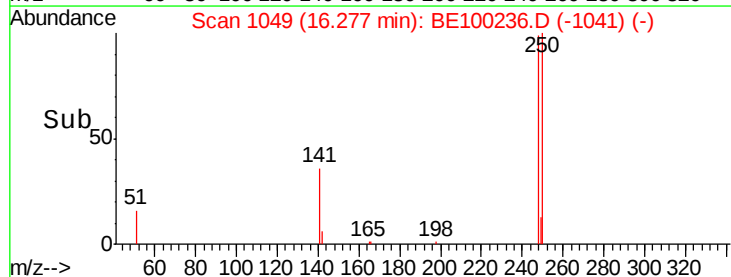
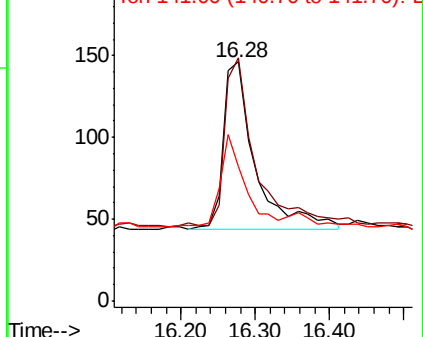
141 56.2 29.3 43.9#

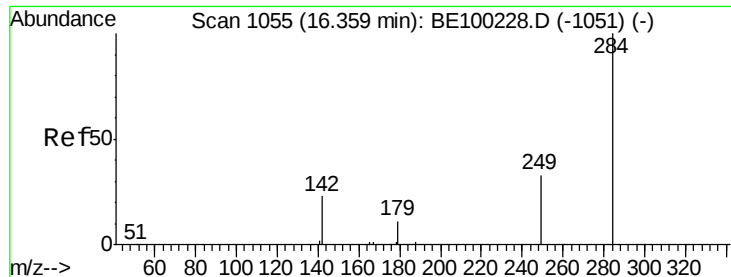


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.123 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

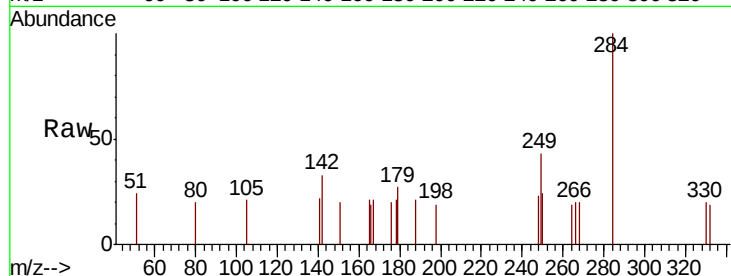
Tgt Ion:284 Resp: 323

Ion Ratio Lower Upper

284 100

142 22.6 18.8 28.2

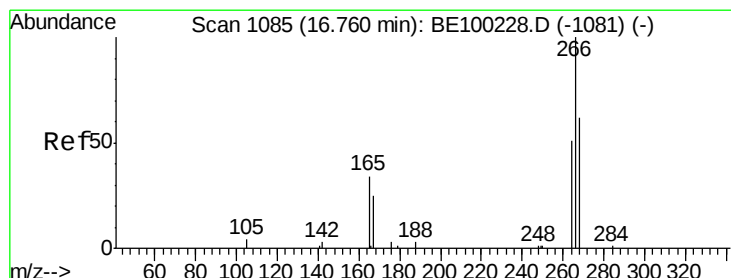
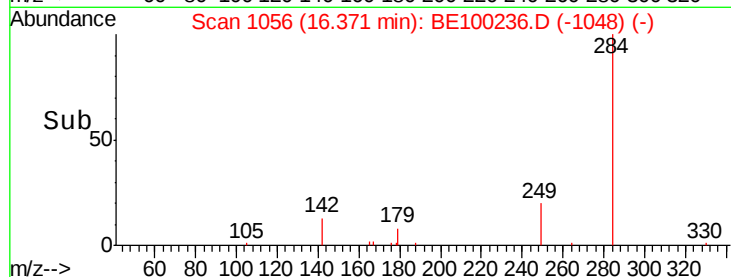
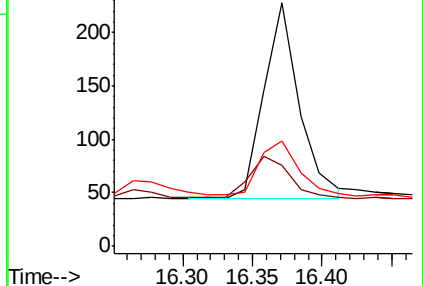
249 30.0 23.7 35.5



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



#22

Pentachlorophenol

Concen: 0.181 ng

RT: 16.80 min Scan# 1088

Delta R.T. 0.04 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

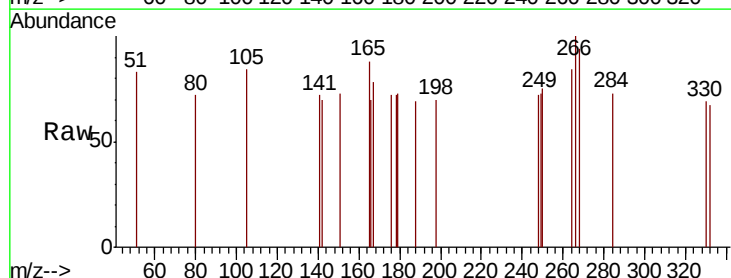
Tgt Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

264 84.4 56.2 84.2#

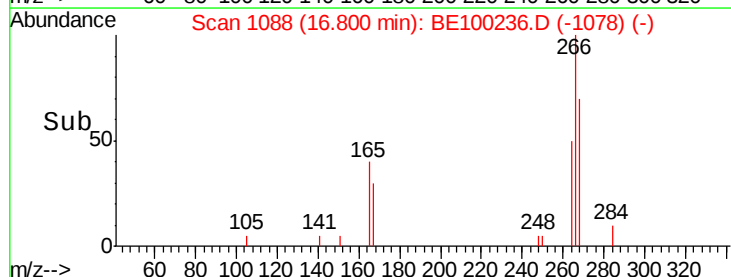
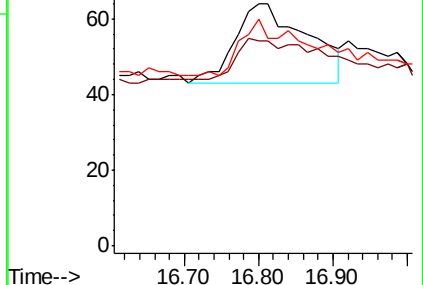
268 93.8 61.8 92.6#

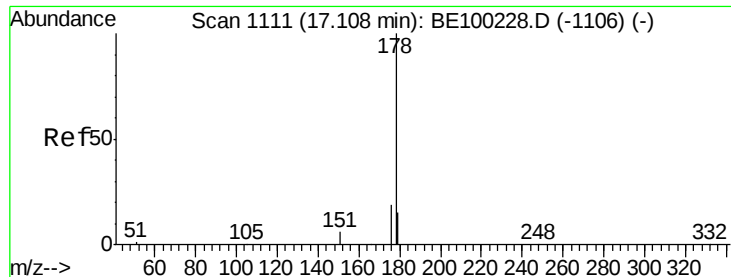


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.119 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

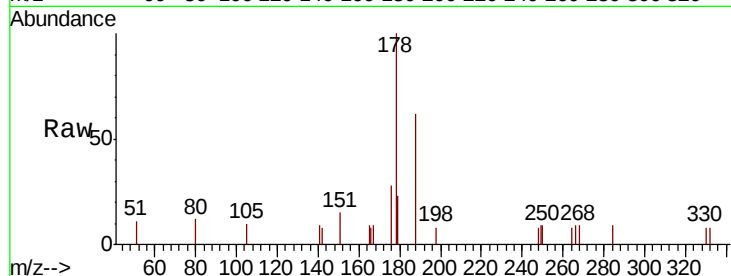
Tgt Ion:178 Resp: 1145

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

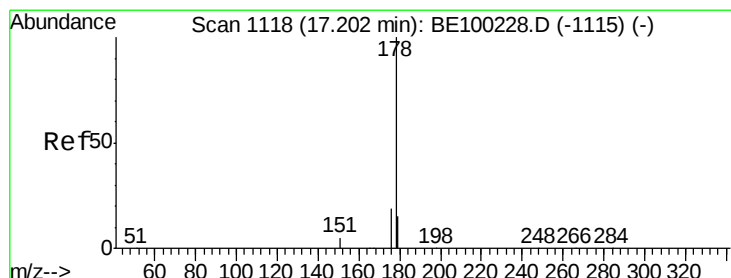
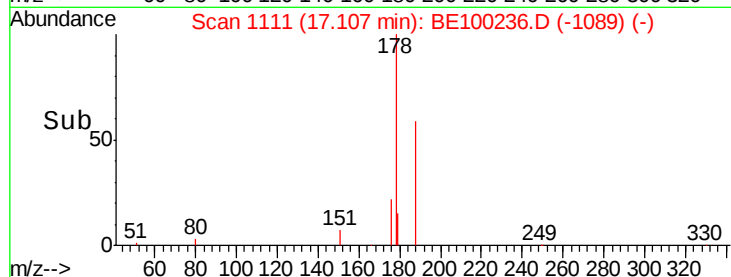
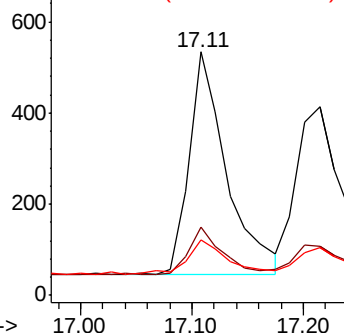
179 15.9 12.2 18.2



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



#24

Anthracene

Concen: 0.110 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

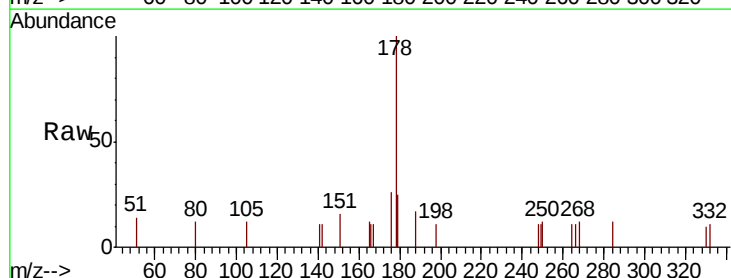
Tgt Ion:178 Resp: 949

Ion Ratio Lower Upper

178 100

176 20.9 15.3 22.9

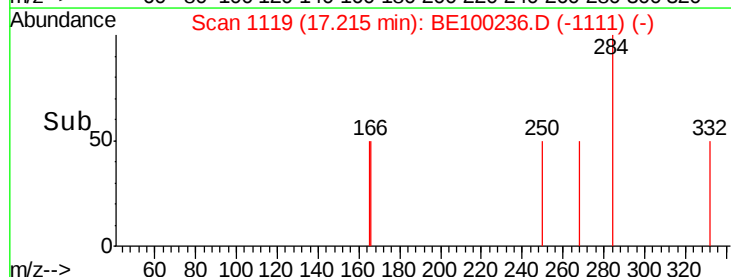
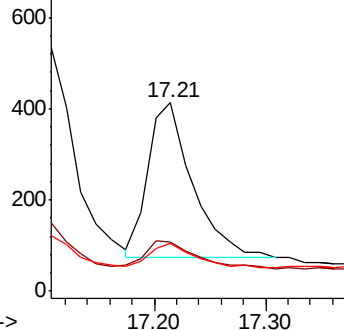
179 14.8 12.2 18.2

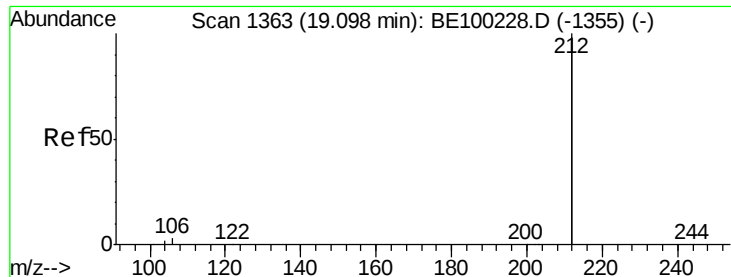


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

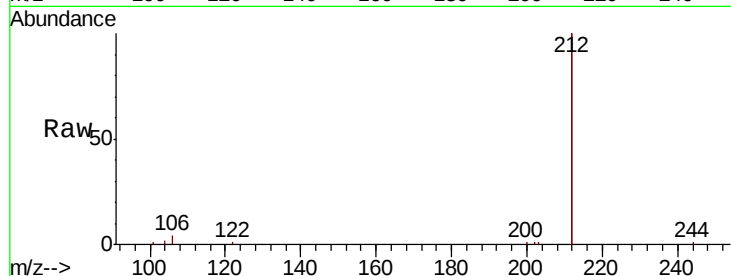
Tgt Ion:212 Resp: 23363

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

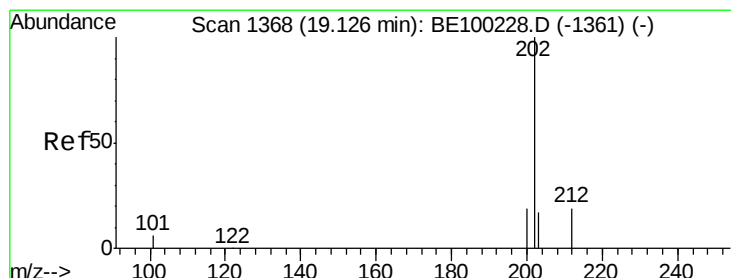
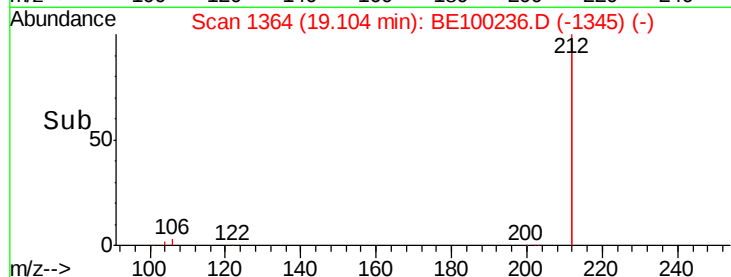
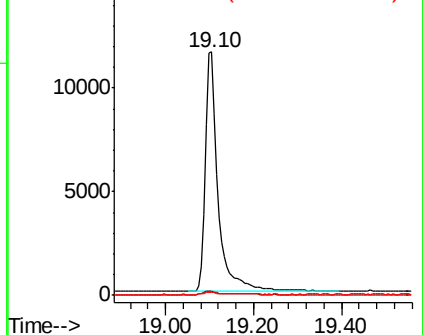
104 0.9 0.8 1.2



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: 0.126 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

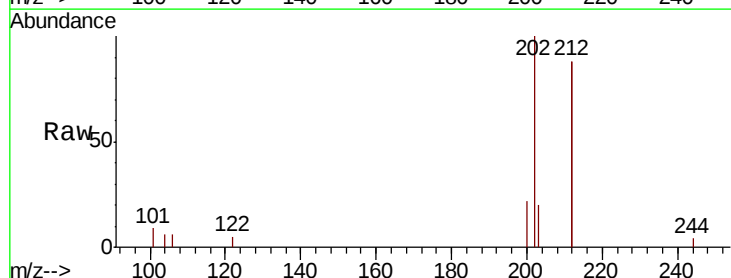
Tgt Ion:202 Resp: 1933

Ion Ratio Lower Upper

202 100

101 5.9 4.6 7.0

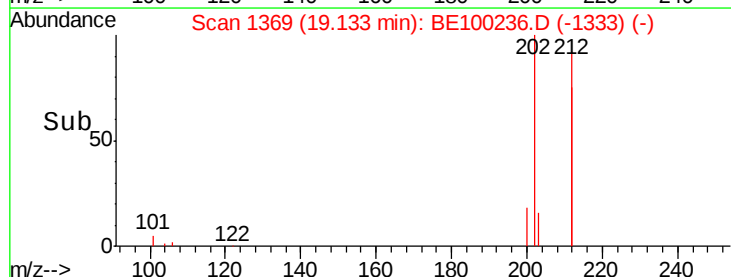
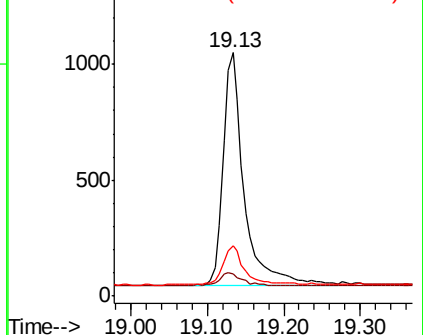
203 17.0 13.7 20.5

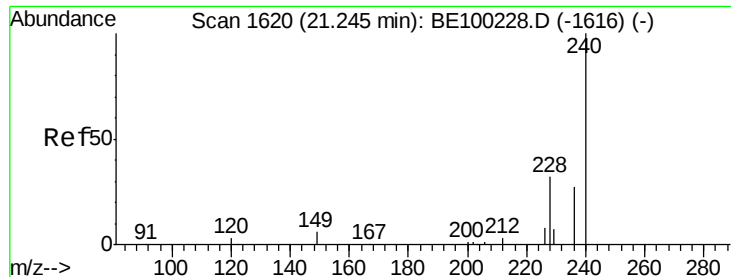


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

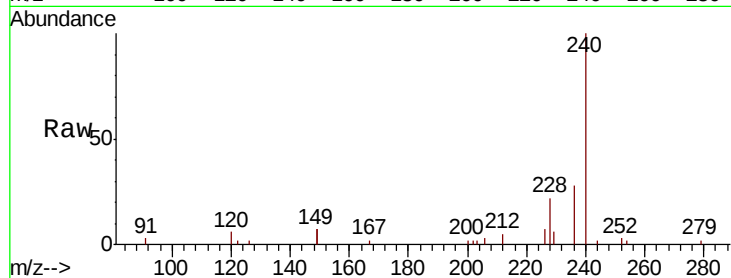
Tgt Ion:240 Resp: 5897

Ion Ratio Lower Upper

240 100

120 6.1 3.3 4.9#

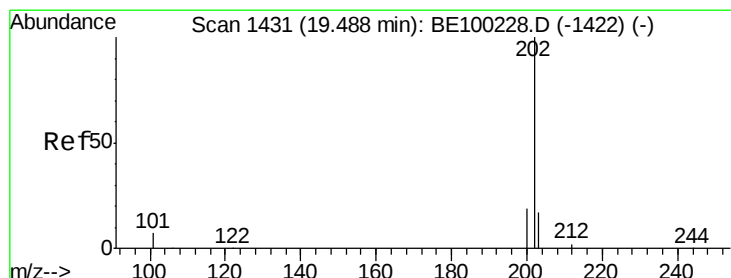
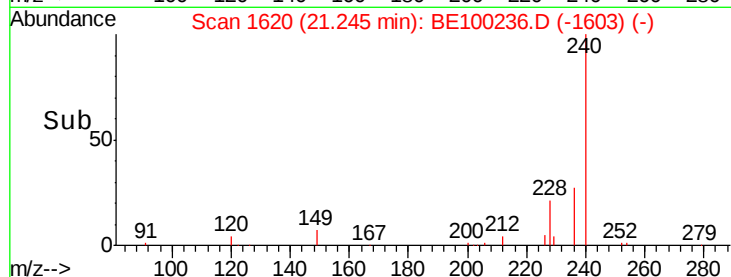
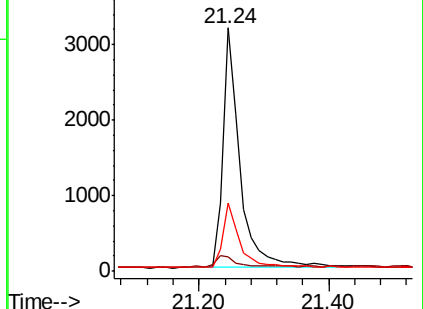
236 27.9 22.6 34.0



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



#28

Pyrene

Concen: 0.124 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

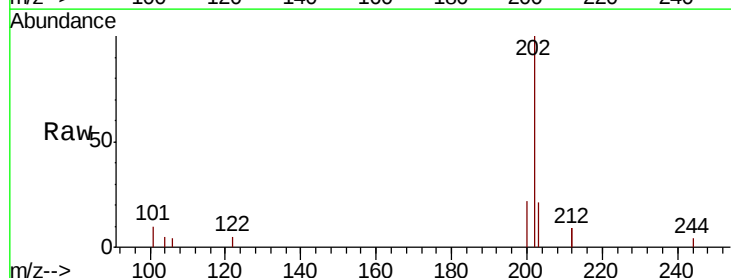
Tgt Ion:202 Resp: 1933

Ion Ratio Lower Upper

202 100

200 20.1 15.6 23.4

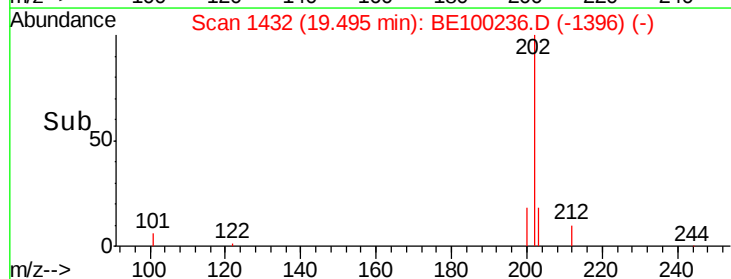
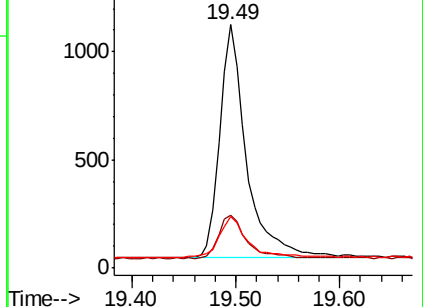
203 18.3 14.0 21.0

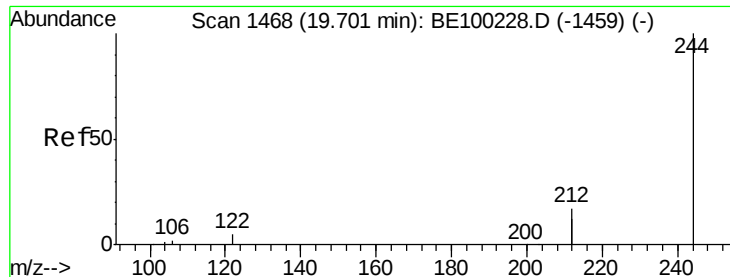


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

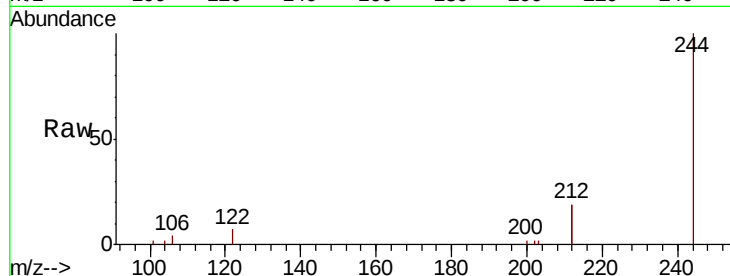
Tgt Ion:244 Resp: 4916

Ion Ratio Lower Upper

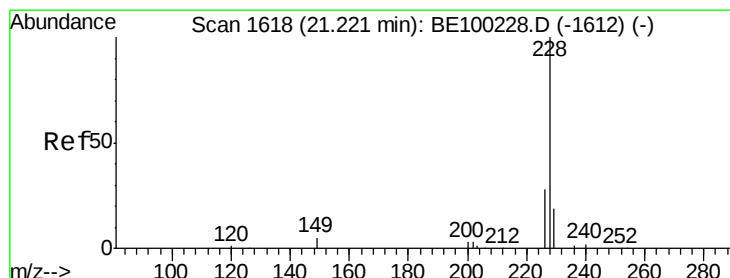
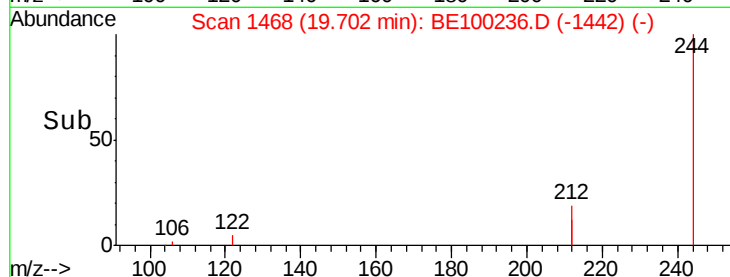
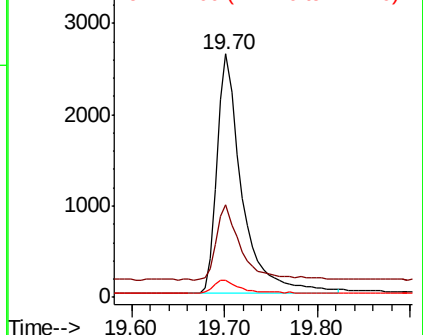
244 100

212 38.2 27.3 40.9

122 7.1 4.7 7.1#



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: 0.116 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

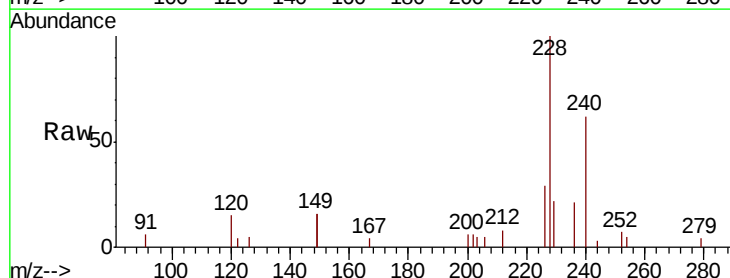
Tgt Ion:228 Resp: 2252

Ion Ratio Lower Upper

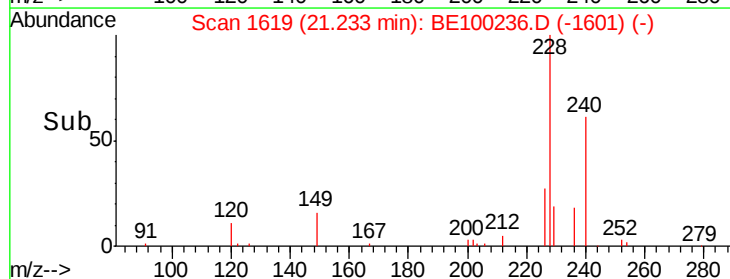
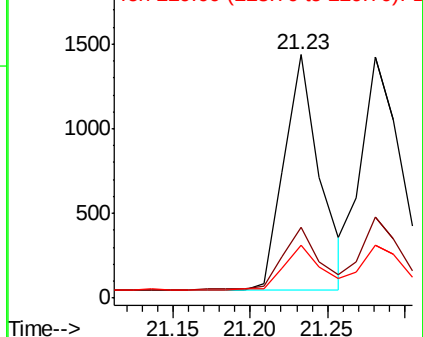
228 100

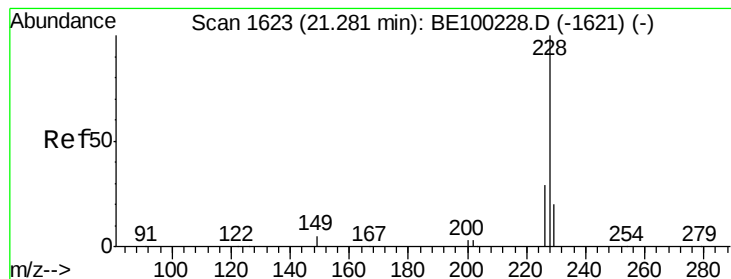
226 29.2 23.2 34.8

229 21.8 15.7 23.5



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

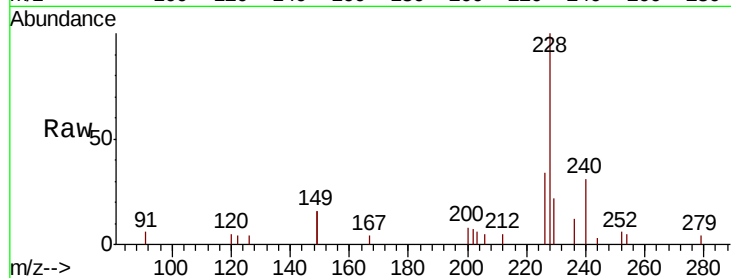




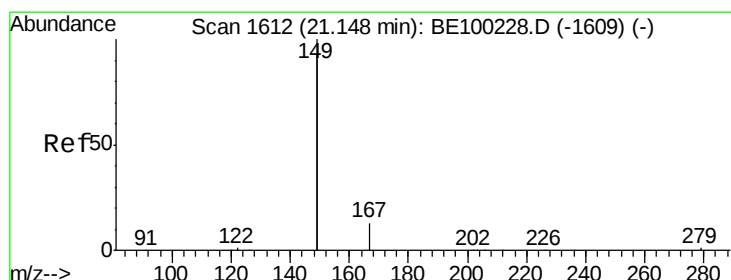
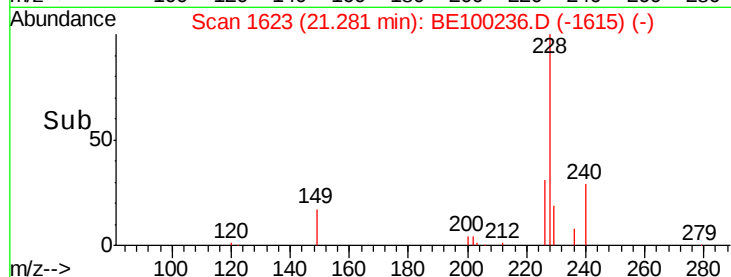
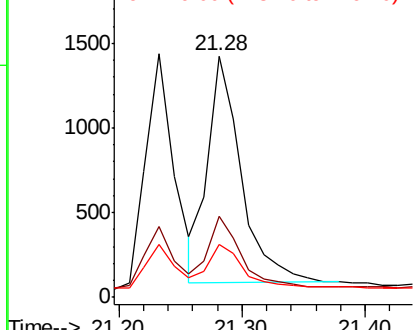
#31
 Chrysene
 Concen: 0.131 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 228 Resp: 2541
 Ion Ratio Lower Upper
 228 100
 226 33.6 23.9 35.9
 229 21.8 16.5 24.7

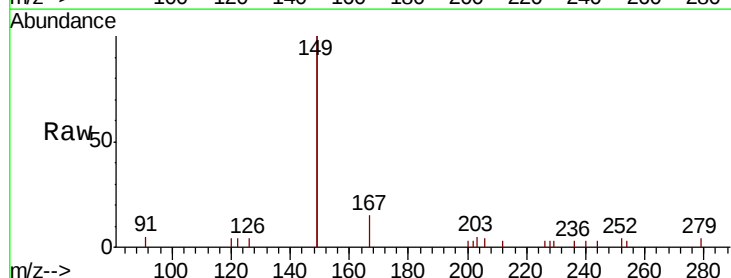


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

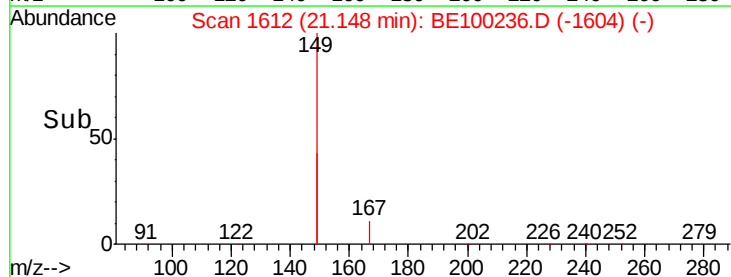
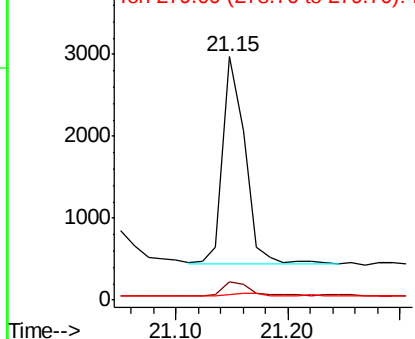


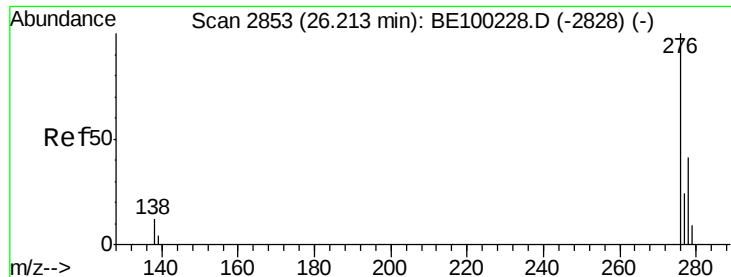
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

Tgt Ion: 149 Resp: 3451
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.8 8.8
 279 2.2 1.1 1.7#



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: 0.127 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

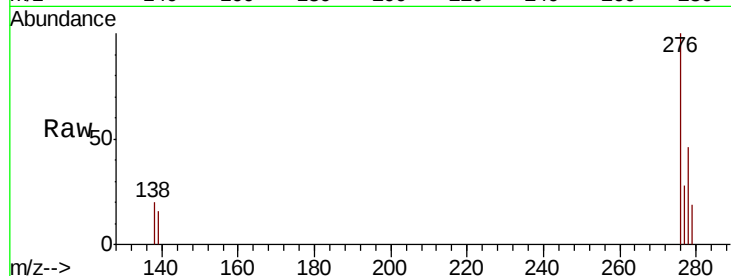
Tgt Ion:276 Resp: 3261

Ion Ratio Lower Upper

276 100

138 14.2 9.4 14.0#

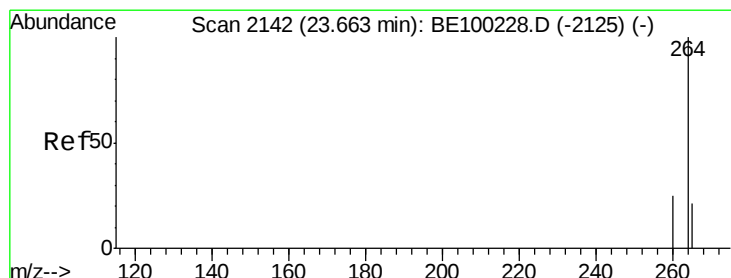
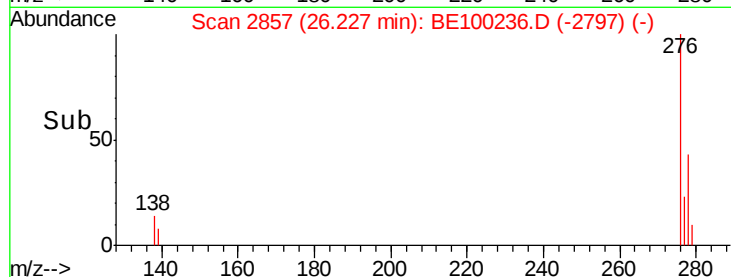
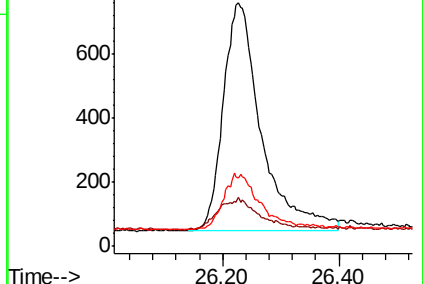
277 9.4 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

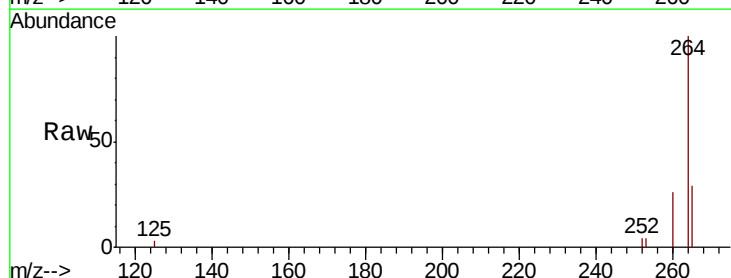
Tgt Ion:264 Resp: 7320

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

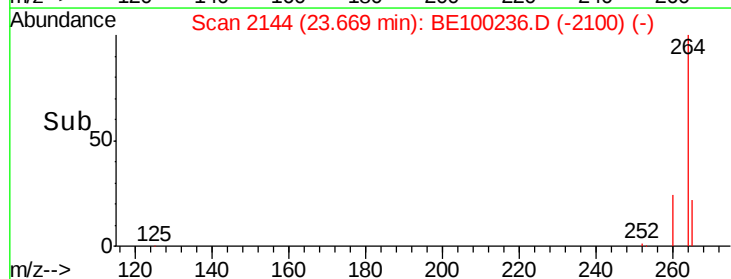
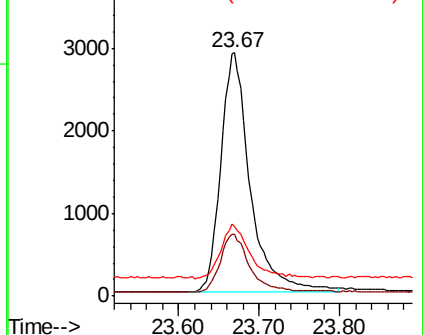
265 28.8 21.8 32.6

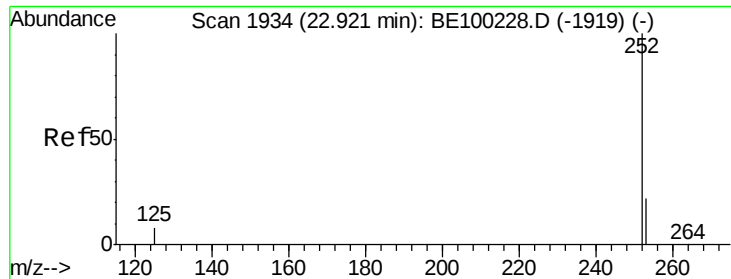


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.128 ng

RT: 22.93 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

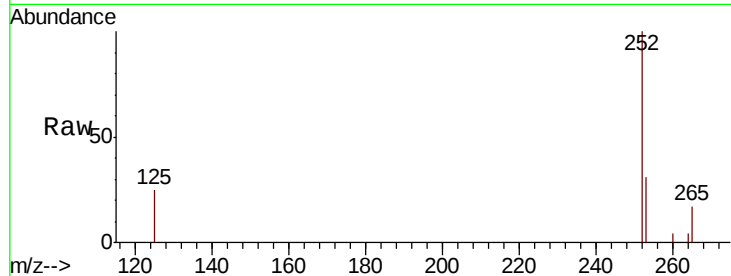
Tgt Ion:252 Resp: 2544

Ion Ratio Lower Upper

252 100

253 30.8 19.2 28.8#

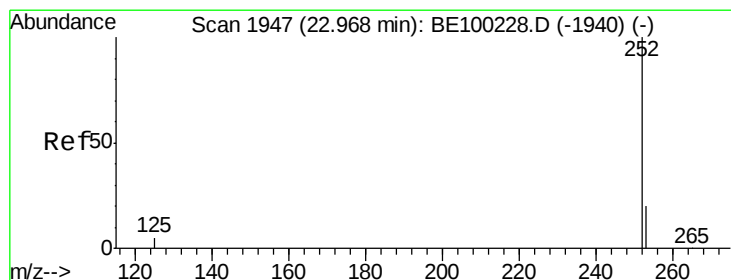
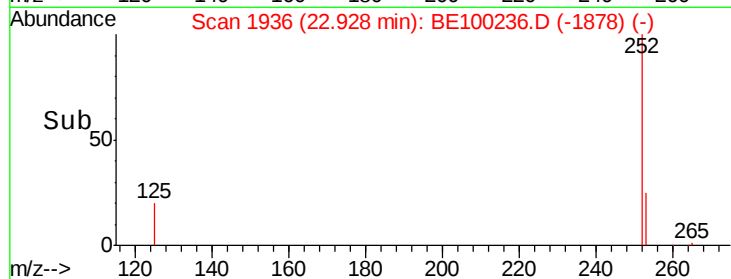
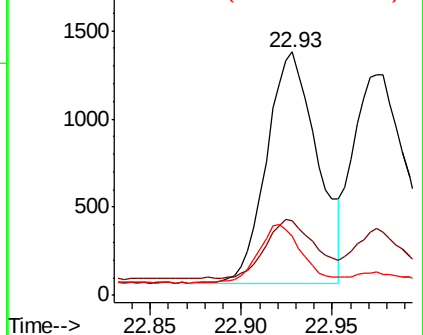
125 24.5 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.128 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

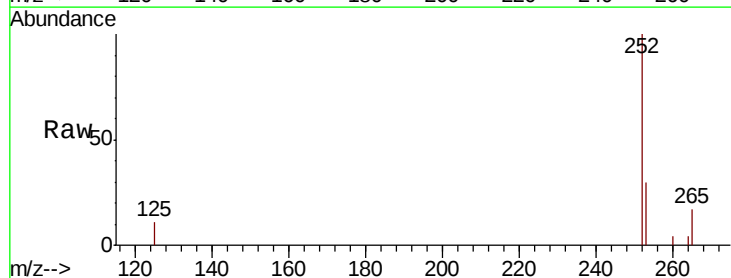
Tgt Ion:252 Resp: 2833

Ion Ratio Lower Upper

252 100

253 30.1 17.9 26.9#

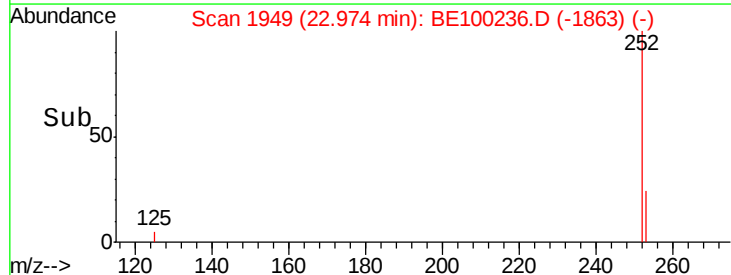
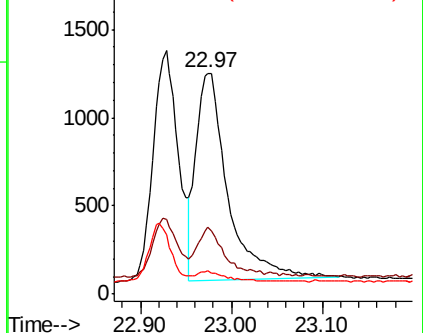
125 10.7 5.0 7.4#

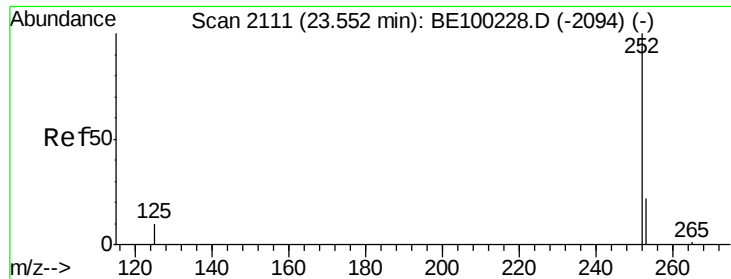


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.134 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

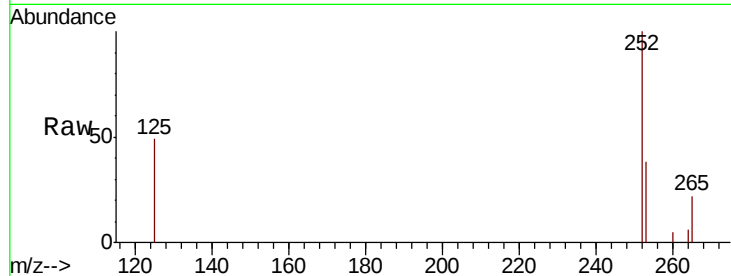
Tgt Ion: 252 Resp: 2668

Ion Ratio Lower Upper

252 100

253 37.7 19.6 29.4#

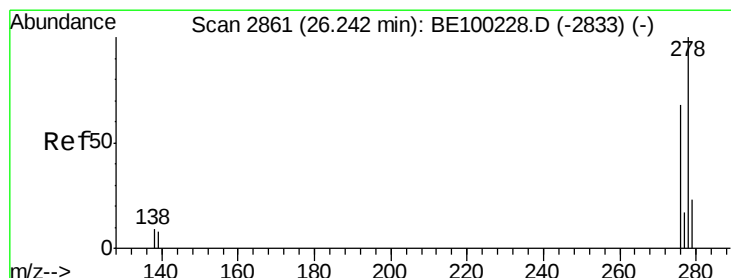
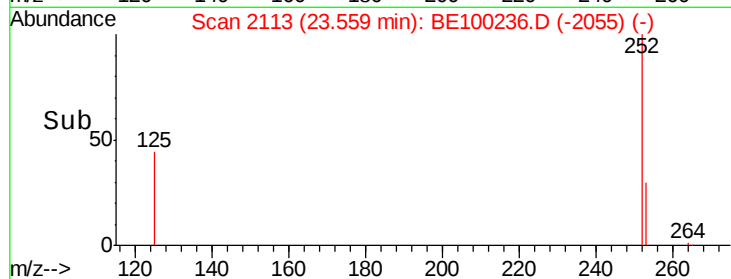
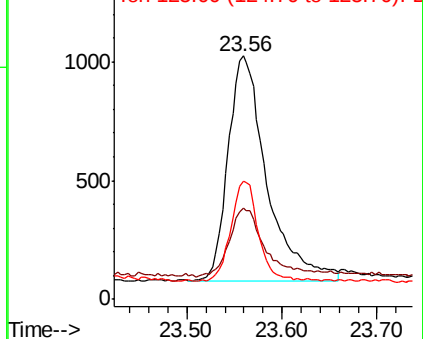
125 48.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.116 ng

RT: 26.25 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

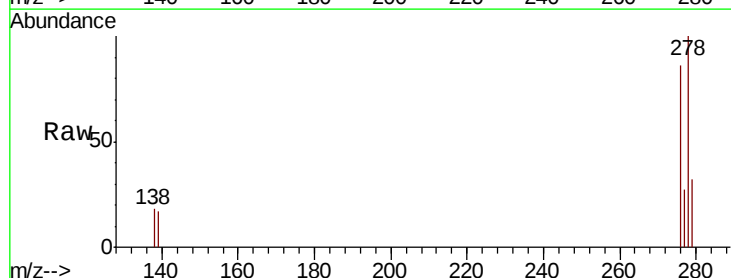
Tgt Ion: 278 Resp: 2419

Ion Ratio Lower Upper

278 100

139 17.1 8.2 12.2#

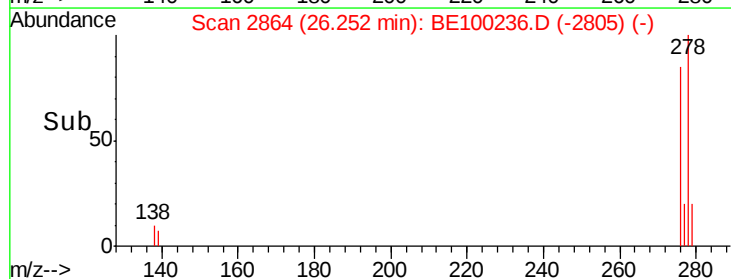
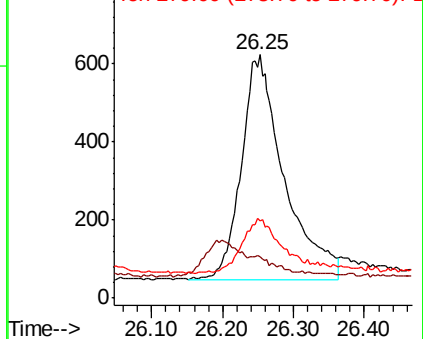
279 31.9 20.3 30.5#

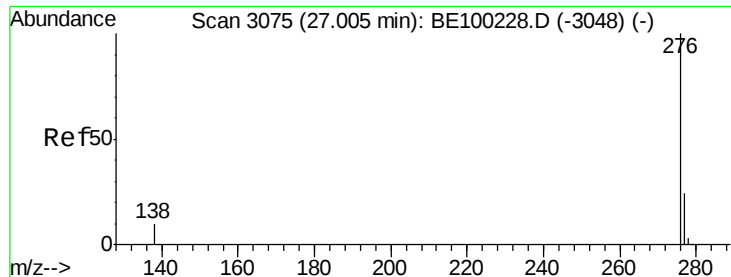


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.128 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100236.D

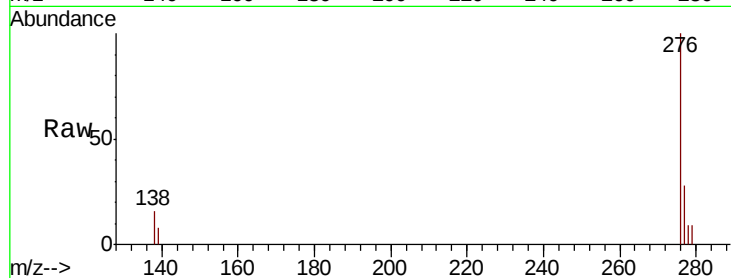
Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019



Tgt Ion: 276 Resp: 2740

Ion Ratio Lower Upper

276 100

277 28.3 20.2 30.2

138 15.8 9.0 13.6#

