

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100237.D
 Acq On : 28 Jun 2019 16:38
 Operator : JU/SJ
 Sample : K2241-09
 Misc : LOQ-W-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: Jun 29 00:00:48 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	489	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	1702	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1390	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	4429	0.40	ng	0.01
27) Chrysene-d12	21.24	240	6255	0.40	ng	0.00
34) Perylene-d12	23.67	264	7414	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	499	0.40	ng	0.00
5) Phenol-d6	6.85	99	656	0.40	ng	0.01
8) Nitrobenzene-d5	8.83	82	627	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	1330	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.82	330	369	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2224	0.41	ng	0.01
25) Fluoranthene-d10	19.10	212	25549	0.40	ng	0.00
29) Terphenyl-d14	19.70	244	5609	0.43	ng	0.00

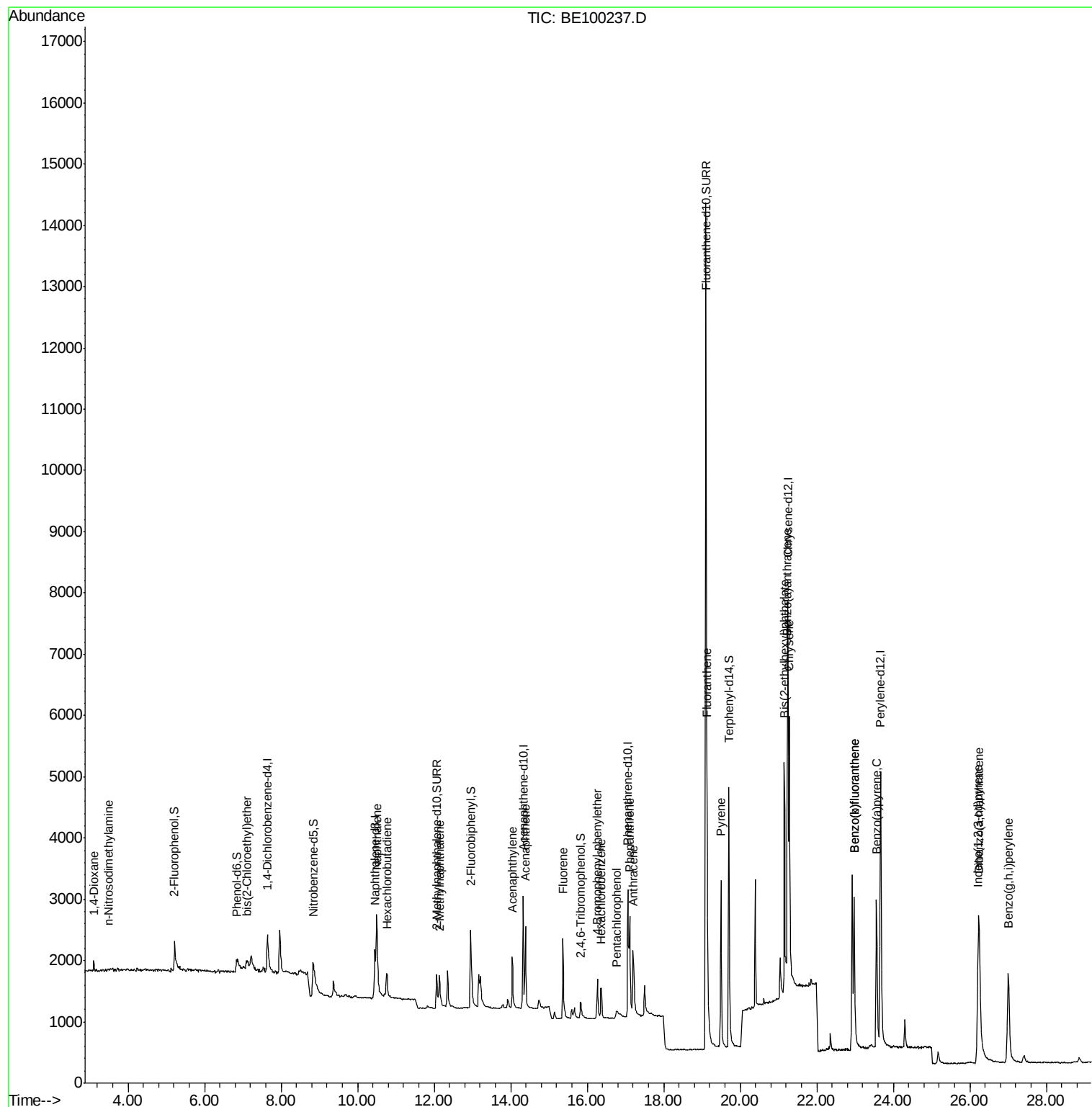
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	176	0.232	ng	93
3) n-Nitrosodimethylamine	3.49	42	23	0.065	ng	# 1
6) bis(2-Chloroethyl)ether	7.12	93	237	0.176	ng	# 90
9) Naphthalene	10.50	128	3621	0.193	ng	# 94
10) Hexachlorobutadiene	10.76	225	339	0.188	ng	97
12) 2-Methylnaphthalene	12.14	142	563	0.171	ng	97
16) Acenaphthylene	14.04	152	1294	0.194	ng	98
17) Acenaphthene	14.38	154	733	0.194	ng	96
18) Fluorene	15.37	166	1086	0.194	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	501	0.177	ng	# 84
21) Hexachlorobenzene	16.37	284	554	0.189	ng	96
22) Pentachlorophenol	16.77	266	258	0.292	ng	90
23) Phenanthrene	17.11	178	1998	0.186	ng	98
24) Anthracene	17.20	178	1688	0.175	ng	98
26) Fluoranthene	19.13	202	3203	0.187	ng	99
28) Pyrene	19.49	202	3265	0.197	ng	99
30) Benzo(a)anthracene	21.23	228	3715	0.181	ng	96
31) Chrysene	21.28	228	4075	0.197	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	4865	0.110	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.22	276	4997	0.183	ng	98
35) Benzo(b)fluoranthene	22.97	252	4383	0.218	ng	96
36) Benzo(k)fluoranthene	22.97	252	4383	0.195	ng	# 93
37) Benzo(a)pyrene	23.56	252	4079	0.202	ng	# 74
38) Dibenzo(a,h)anthracene	26.25	278	3695	0.176	ng	# 92
39) Benzo(g,h,i)perylene	27.01	276	4277	0.198	ng	95

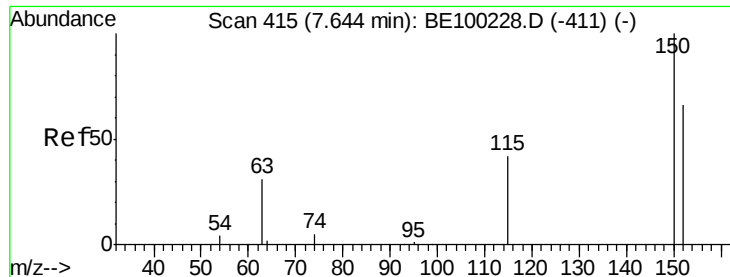
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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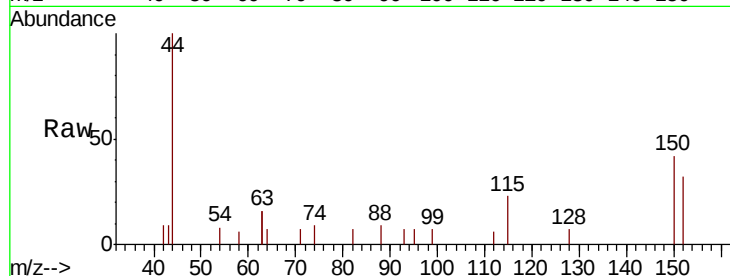




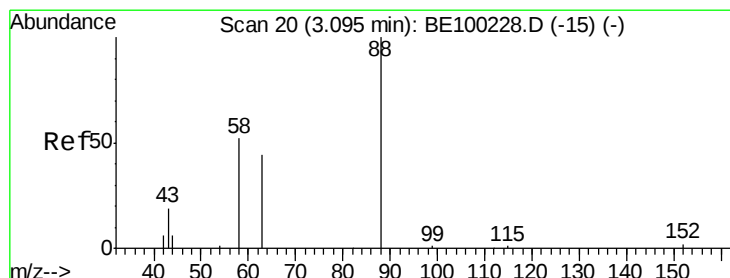
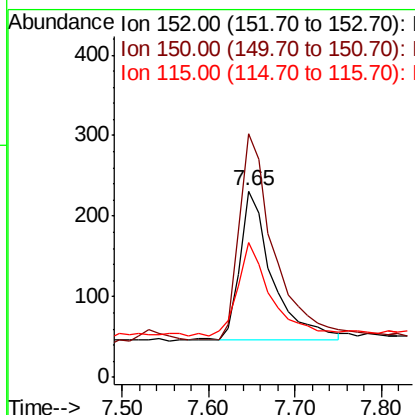
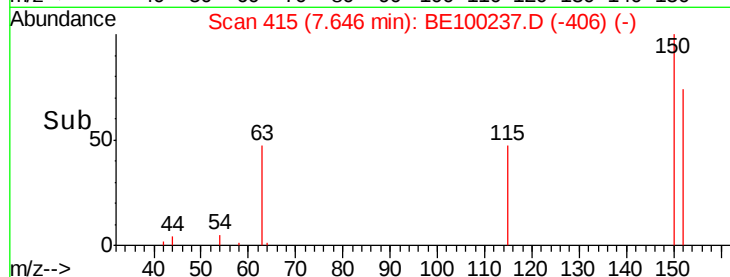
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.65 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BE100237.D
 Acq: 28 Jun 2019 16:38

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion: 152 Resp: 489
 Ion Ratio Lower Upper
 152 100
 150 130.7 114.5 171.7
 115 72.7 57.1 85.7

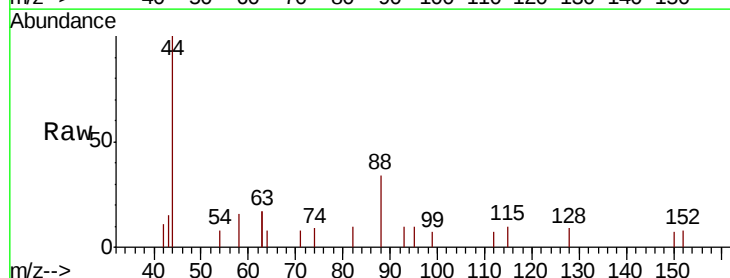


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

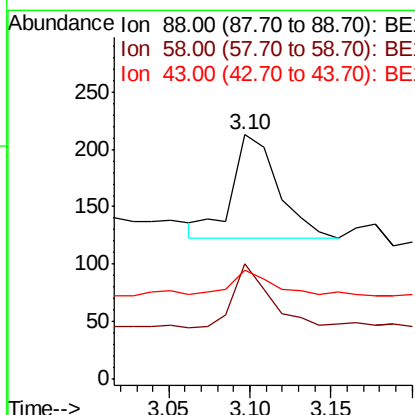
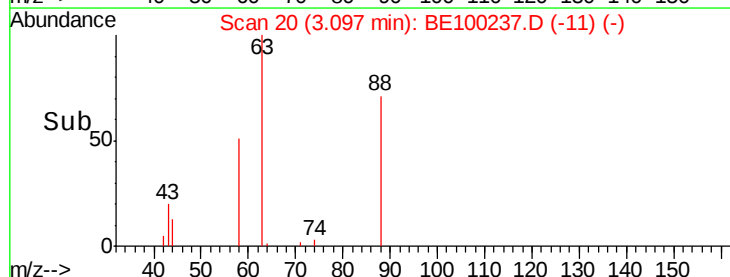


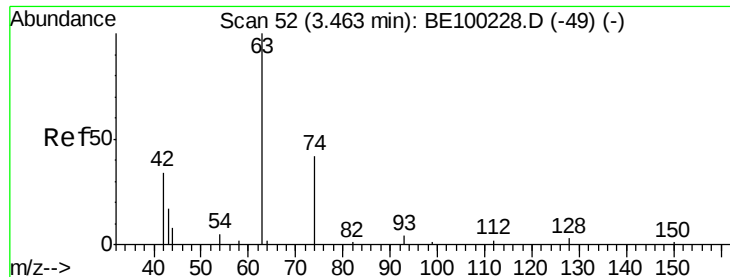
#2
 1,4-Dioxane
 Concen: 0.232 ng
 RT: 3.10 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BE100237.D
 Acq: 28 Jun 2019 16:38

Tgt Ion: 88 Resp: 176
 Ion Ratio Lower Upper
 88 100
 58 50.6 43.6 65.4
 43 22.2 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: 0.065 ng

RT: 3.49 min Scan# 54

Delta R.T. 0.03 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

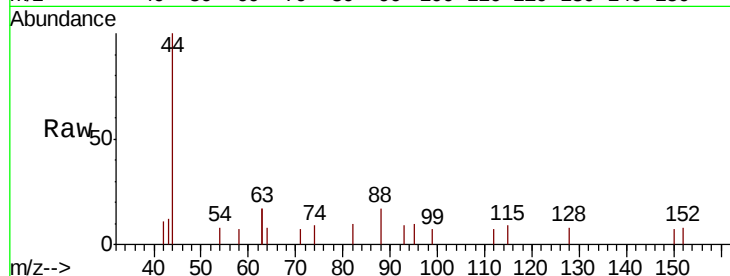
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

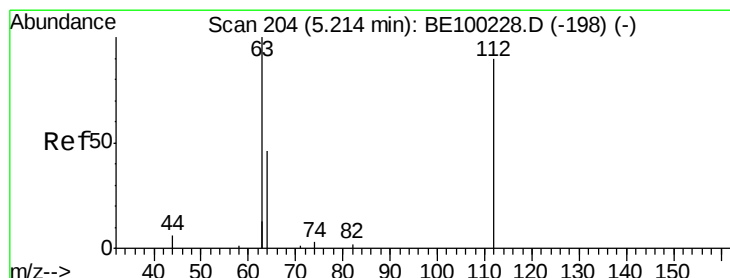
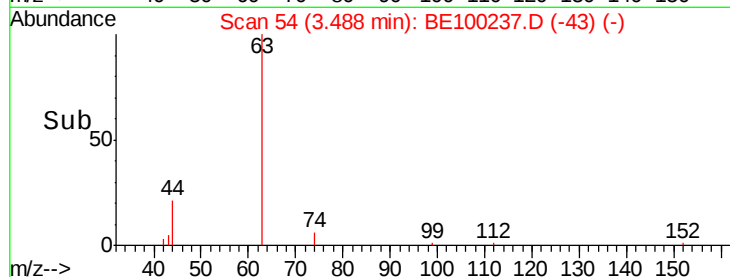
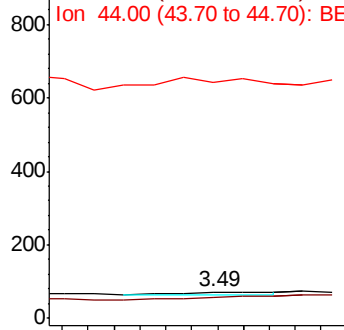
42 100

74 0.0 130.6 196.0#

44 413.0 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: 0.400 ng

RT: 5.22 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

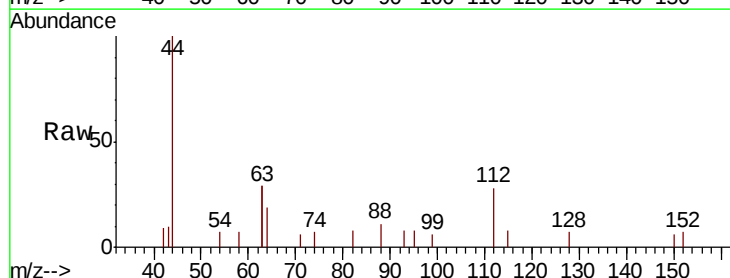
Tgt Ion: 112 Resp: 499

Ion Ratio Lower Upper

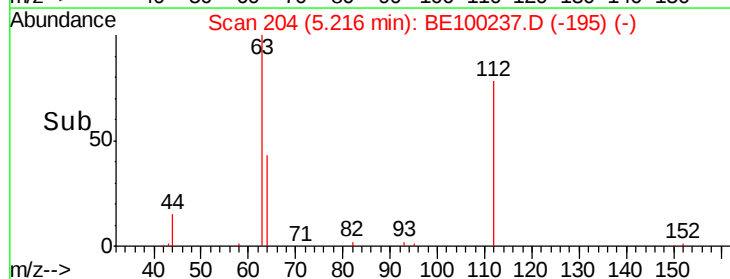
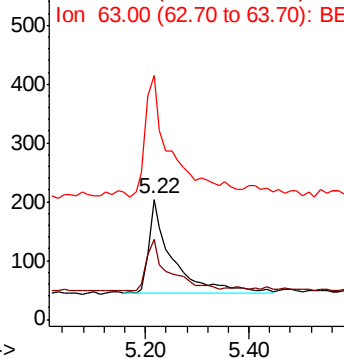
112 100

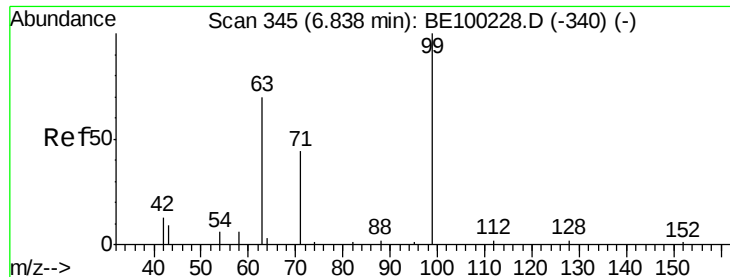
64 52.7 39.4 59.0

63 143.1 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.400 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

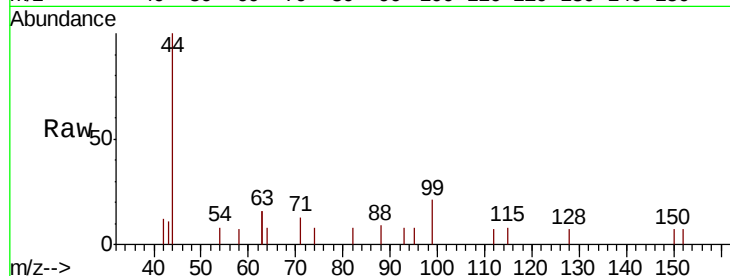
Tgt Ion: 99 Resp: 656

Ion Ratio Lower Upper

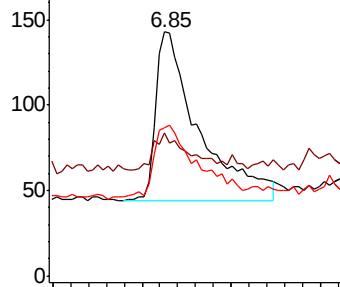
99 100

42 17.8 11.2 16.8#

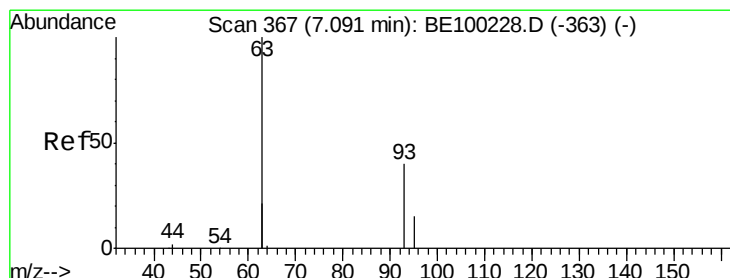
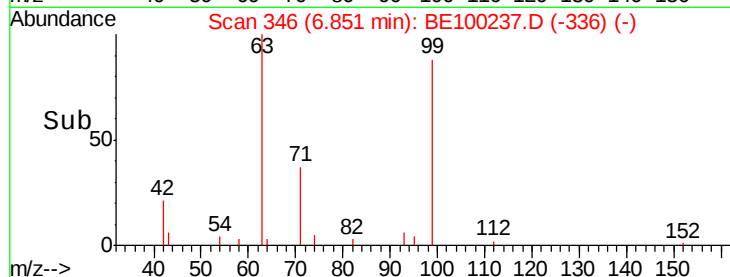
71 42.4 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.60 6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.176 ng

RT: 7.12 min Scan# 369

Delta R.T. 0.03 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

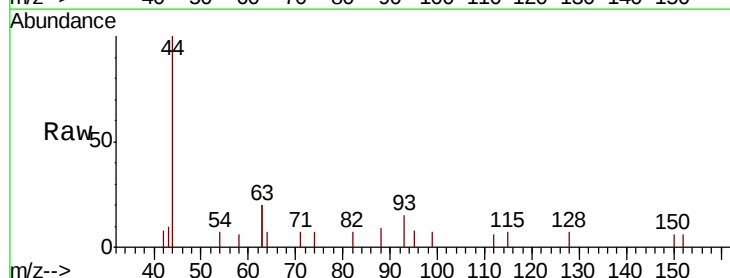
Tgt Ion: 93 Resp: 237

Ion Ratio Lower Upper

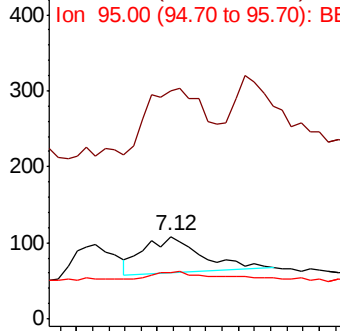
93 100

63 179.7 155.6 233.4

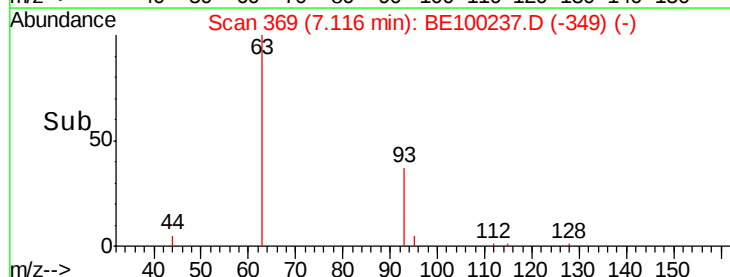
95 22.8 23.0 34.4#

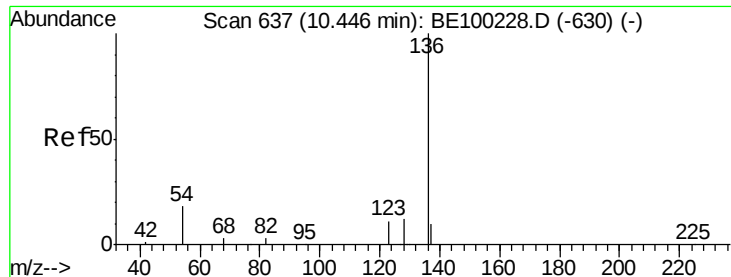


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time--> 7.00 7.10 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tgt Ion: 136 Resp: 1702

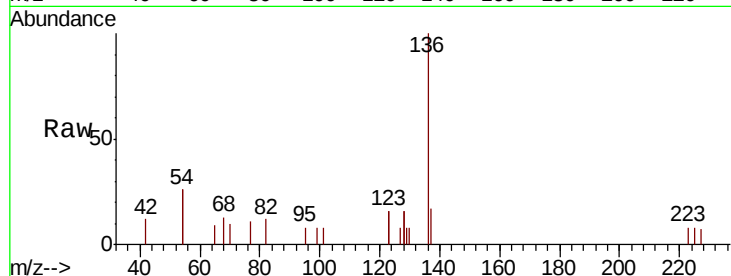
Ion Ratio Lower Upper

136 100

137 17.4 11.8 17.8

54 52.1 27.7 41.5#

68 12.8 6.8 10.2#

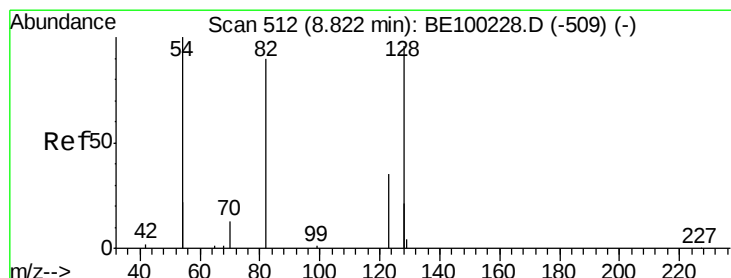
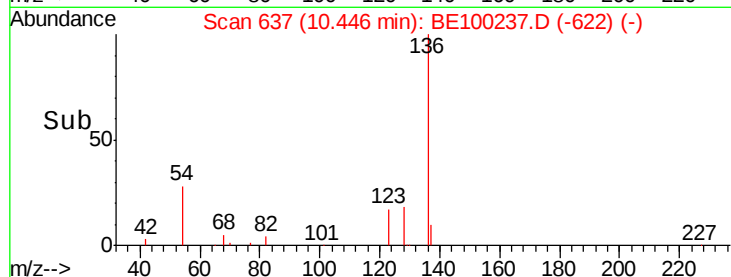
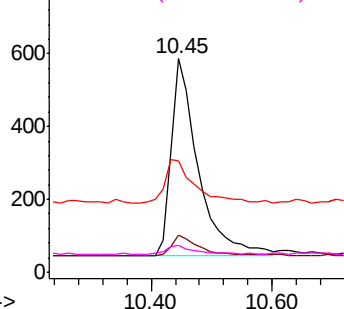


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

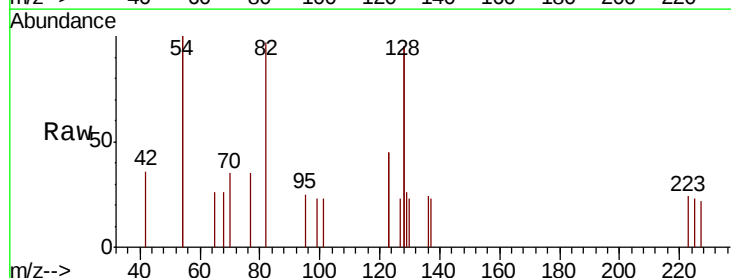
Tgt Ion: 82 Resp: 627

Ion Ratio Lower Upper

82 100

128 195.9 140.9 211.3

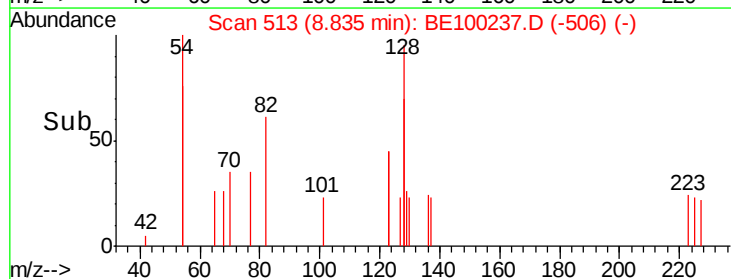
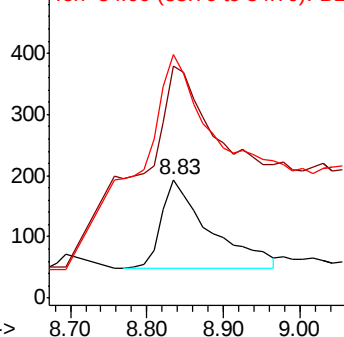
54 205.2 146.2 219.2

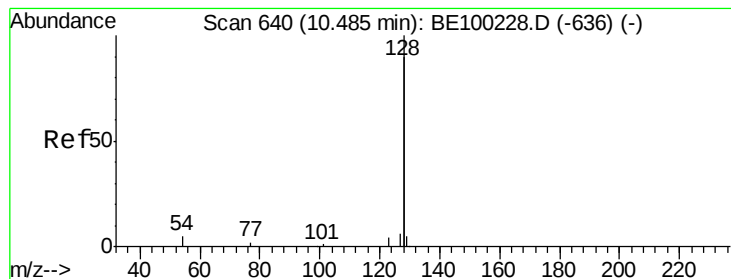


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.193 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

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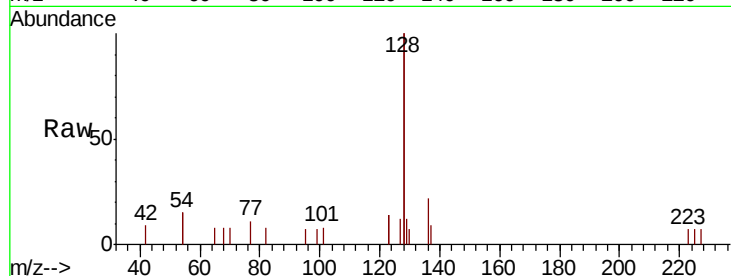
Tgt Ion:128 Resp: 3621

Ion Ratio Lower Upper

128 100

129 6.0 3.0 4.6#

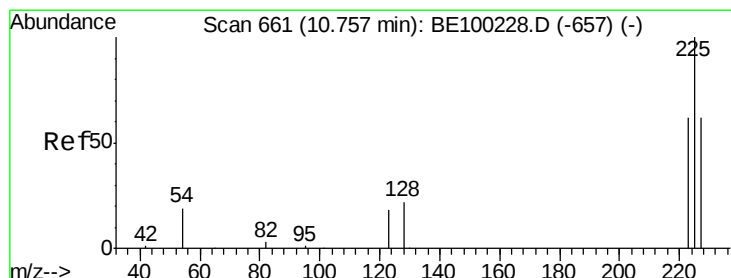
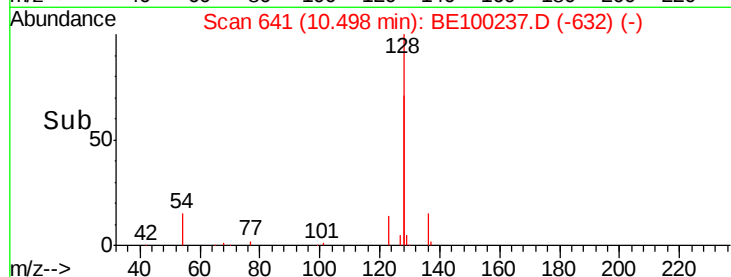
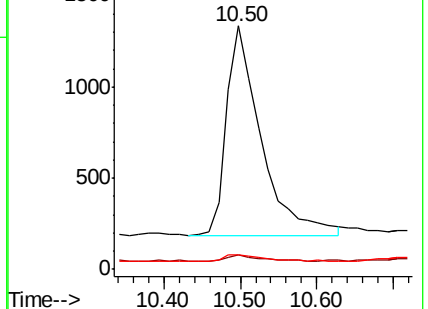
127 6.0 3.5 5.3#



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



#10

Hexachlorobutadiene

Concen: 0.188 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

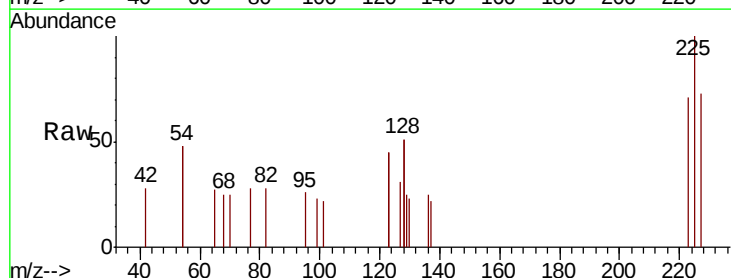
Tgt Ion:225 Resp: 339

Ion Ratio Lower Upper

225 100

223 63.1 49.1 73.7

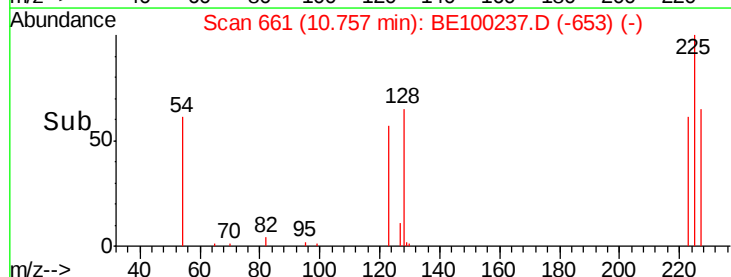
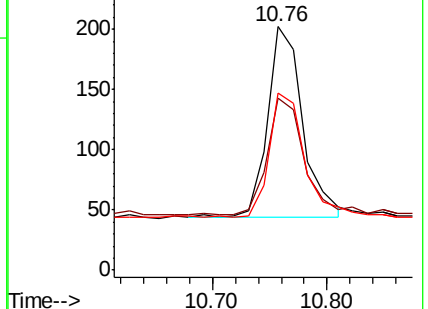
227 65.2 49.3 73.9

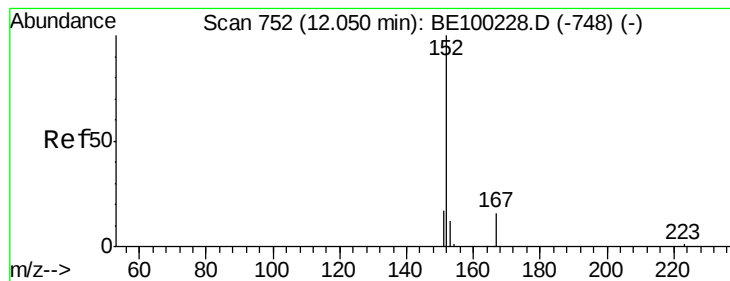


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.06 min Scan# 753

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

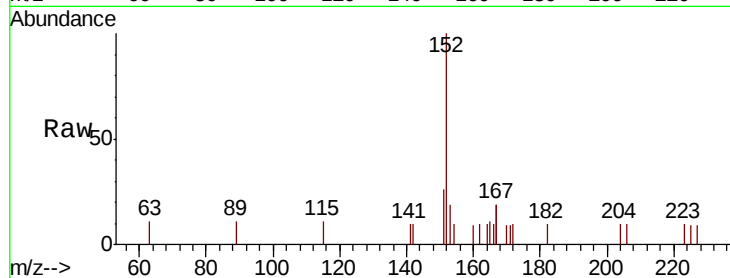
LOQ-WATER-02-QT2-2019

Tgt Ion:152 Resp: 1330

Ion Ratio Lower Upper

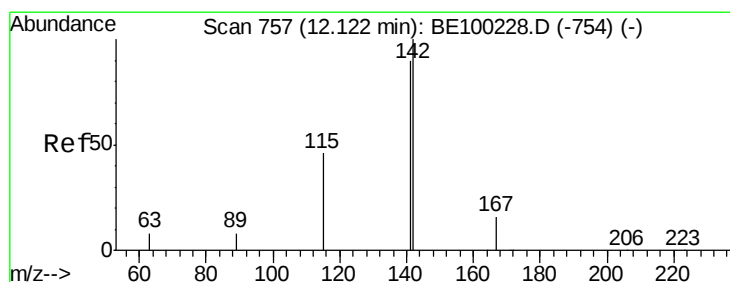
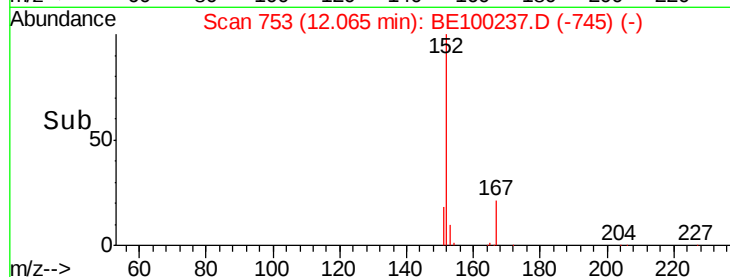
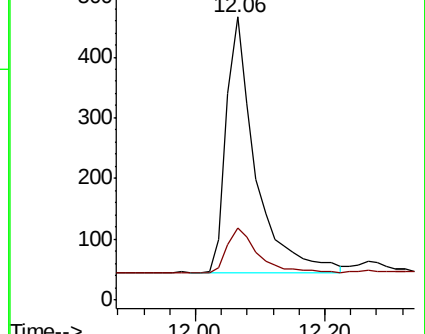
152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.171 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

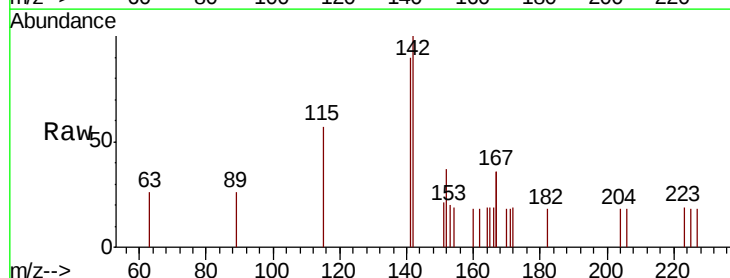
Tgt Ion:142 Resp: 563

Ion Ratio Lower Upper

142 100

141 90.5 72.4 108.6

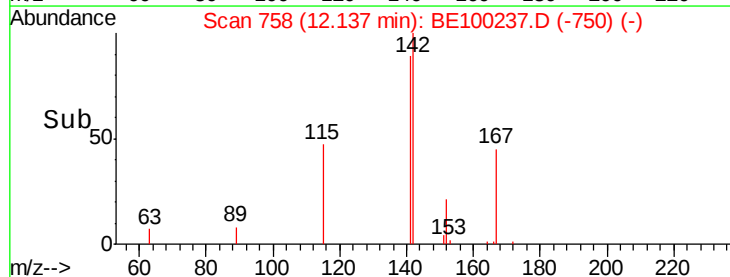
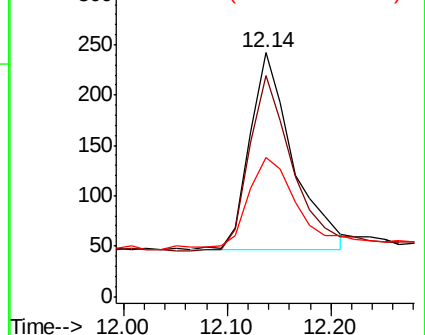
115 57.0 40.4 60.6

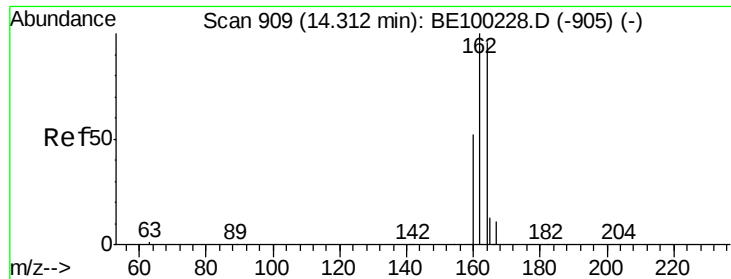


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

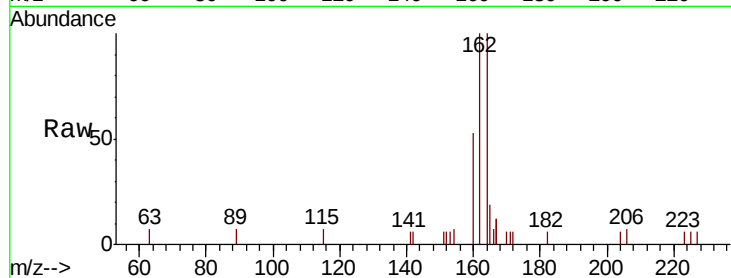




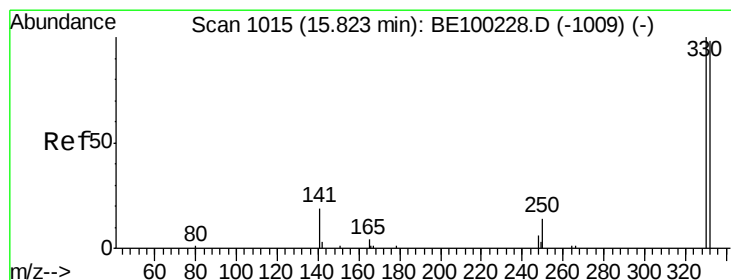
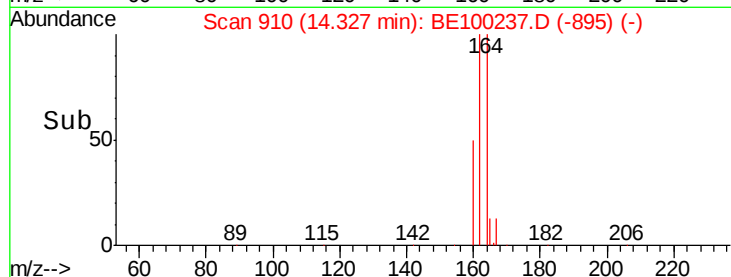
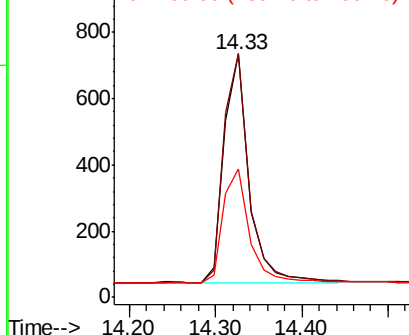
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion:164 Resp: 1390
Ion Ratio Lower Upper
164 100
162 100.0 83.4 125.0
160 52.9 45.0 67.6

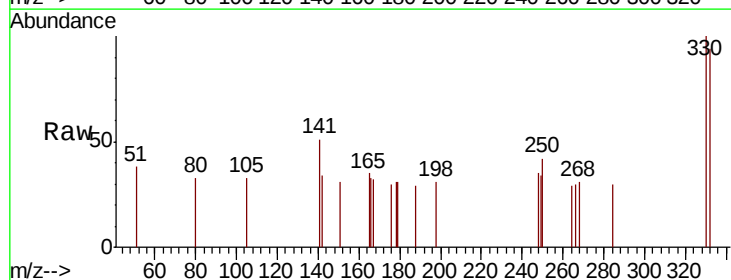


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

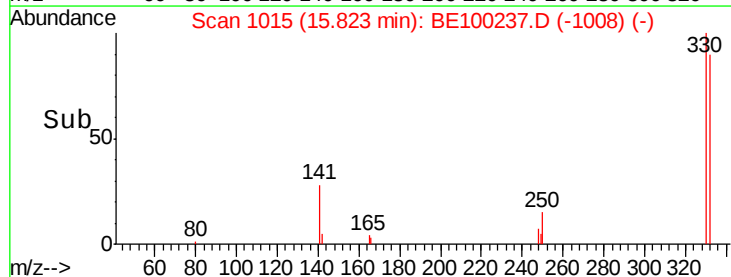
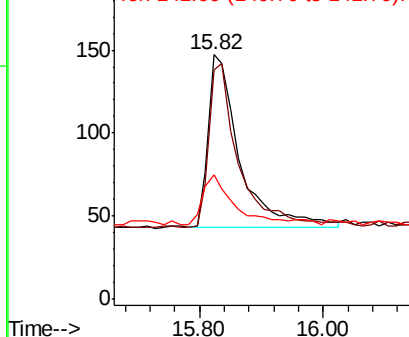


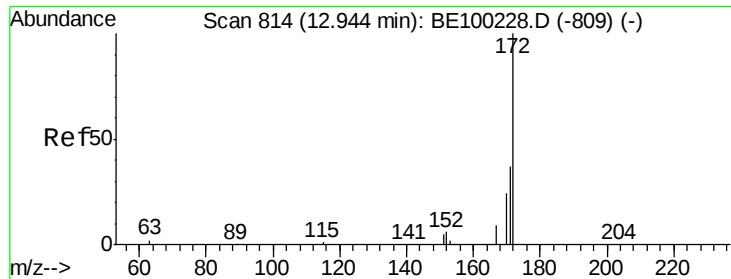
#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion:330 Resp: 369
Ion Ratio Lower Upper
330 100
332 92.1 77.0 115.4
141 27.1 22.0 33.0



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

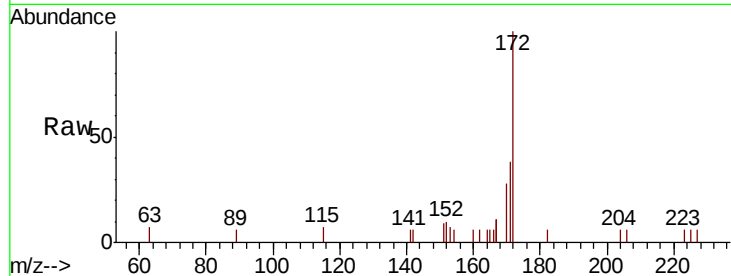




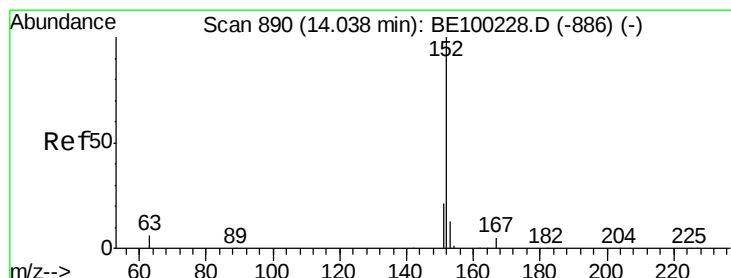
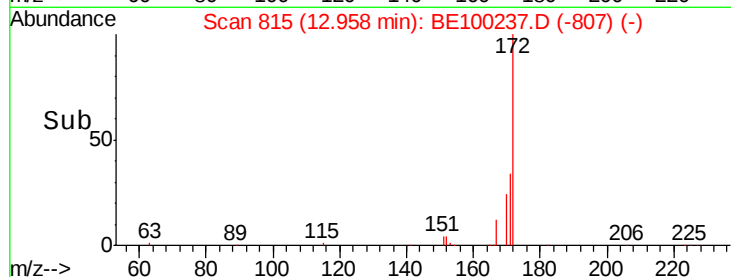
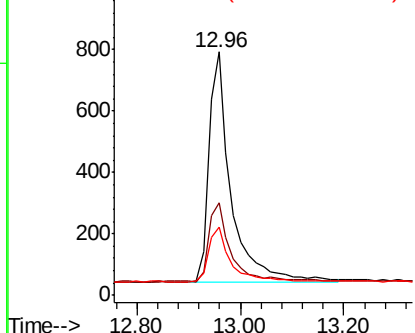
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion:172 Resp: 2224
Ion Ratio Lower Upper
172 100
171 37.8 31.9 47.9
170 28.1 22.2 33.2

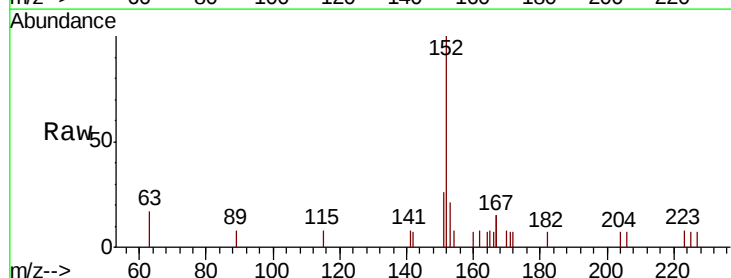


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

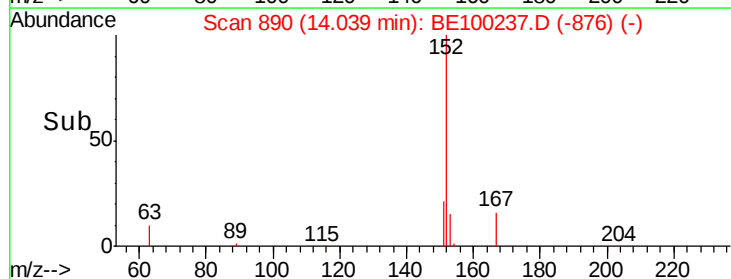
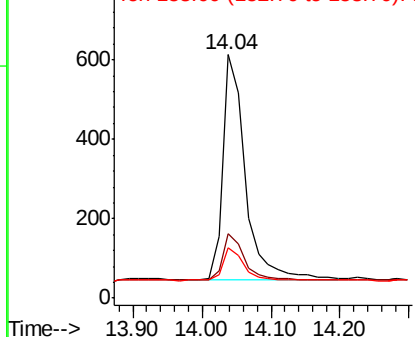


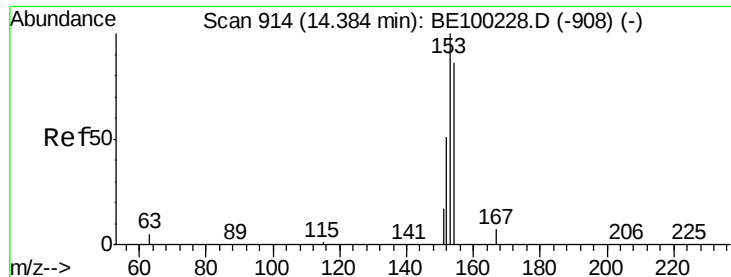
#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 14.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

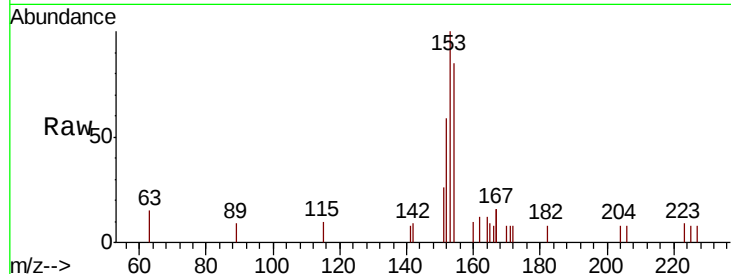




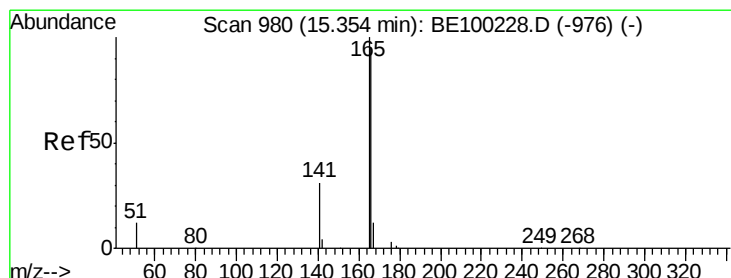
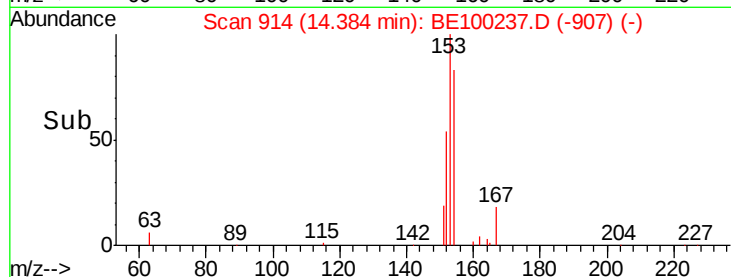
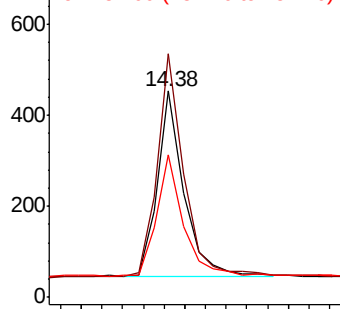
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion:154 Resp: 733
Ion Ratio Lower Upper
154 100
153 118.8 93.4 140.2
152 68.1 49.4 74.2

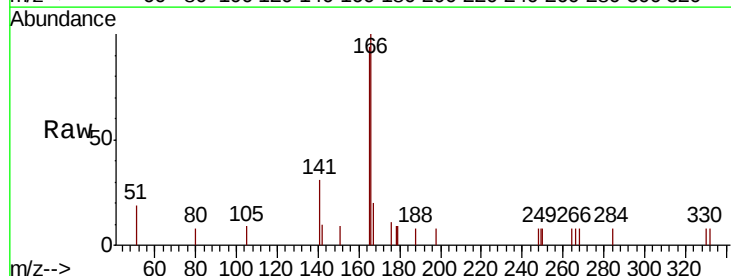


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

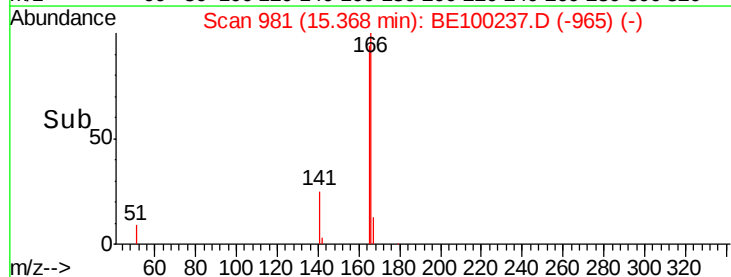
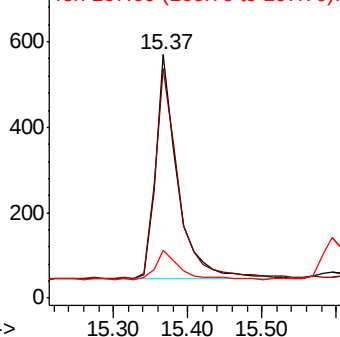


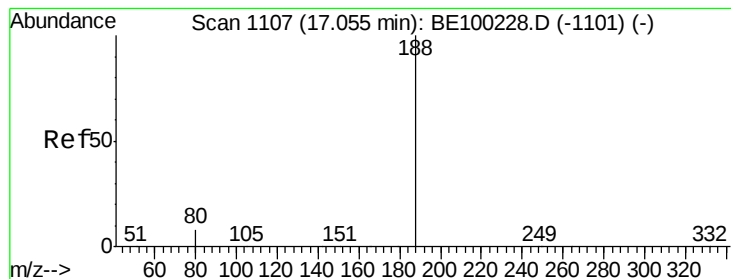
#18
Fluorene
Concen: 0.194 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion:166 Resp: 1086
Ion Ratio Lower Upper
166 100
165 99.4 81.1 121.7
167 13.9 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: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

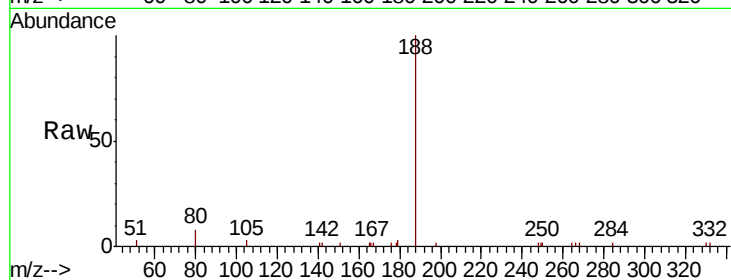
Tgt Ion:188 Resp: 4429

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

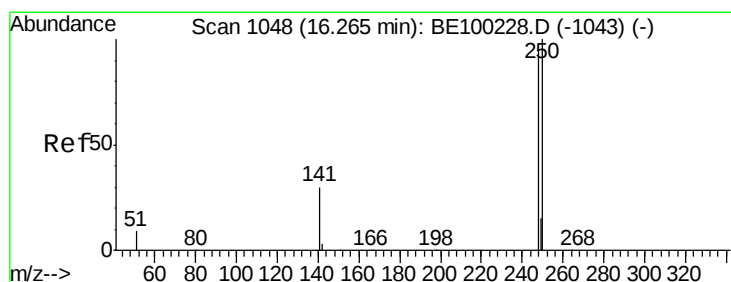
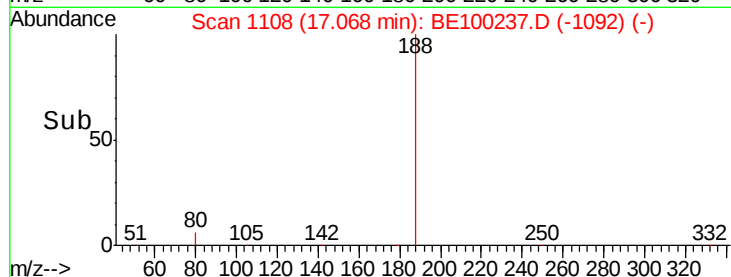
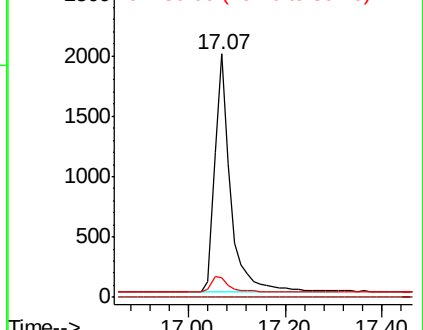
80 7.8 7.6 11.4



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: 0.177 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

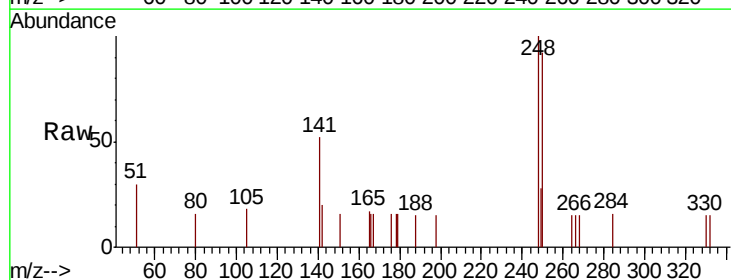
Tgt Ion:248 Resp: 501

Ion Ratio Lower Upper

248 100

250 92.0 84.2 126.4

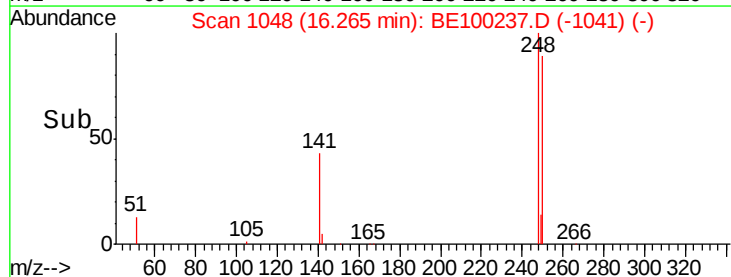
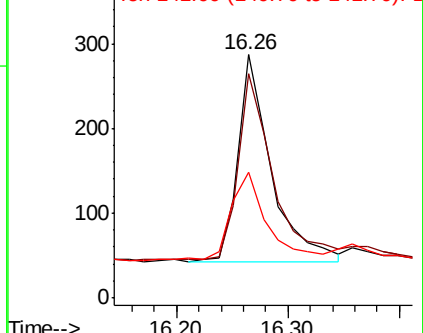
141 51.6 29.3 43.9#

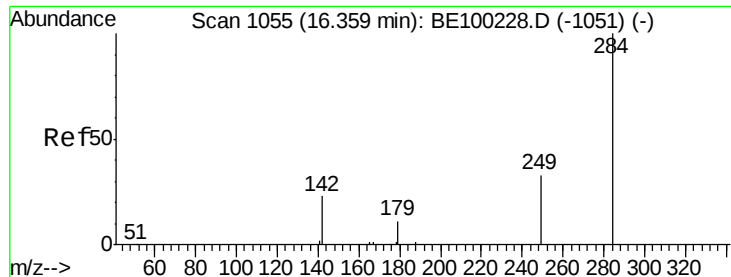


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.189 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

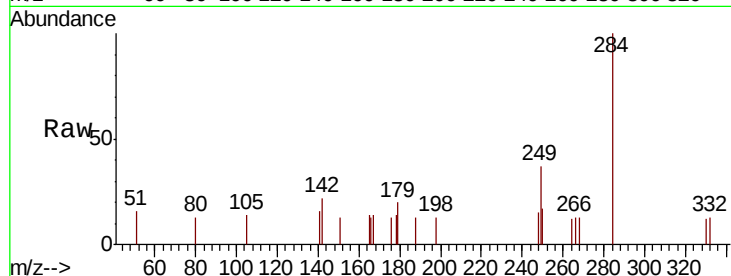
Tgt Ion:284 Resp: 554

Ion Ratio Lower Upper

284 100

142 23.1 18.8 28.2

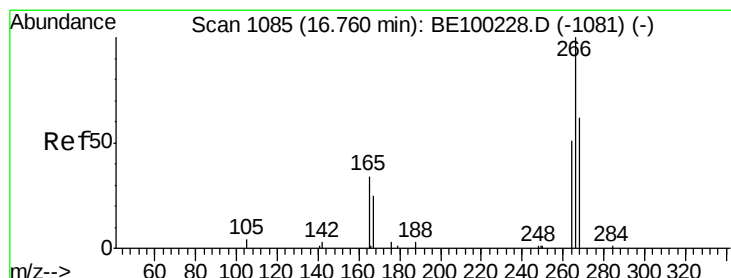
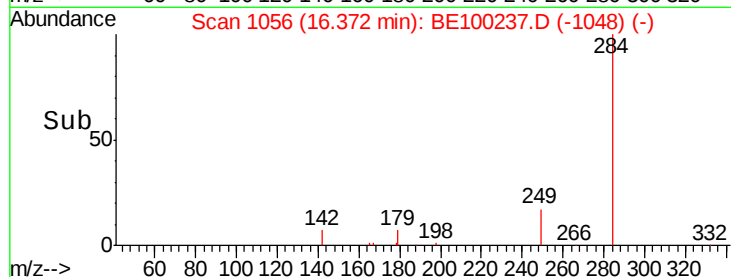
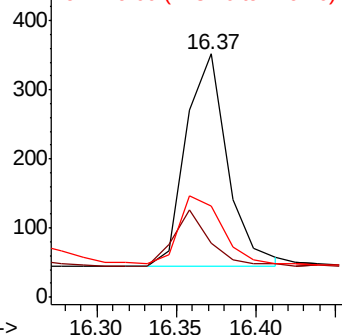
249 32.9 23.7 35.5



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: 0.292 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

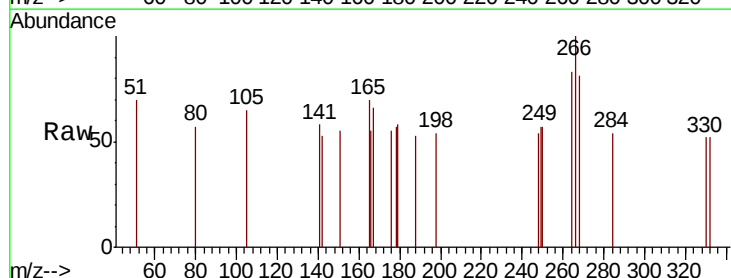
Tgt Ion:266 Resp: 258

Ion Ratio Lower Upper

266 100

264 83.1 56.2 84.2

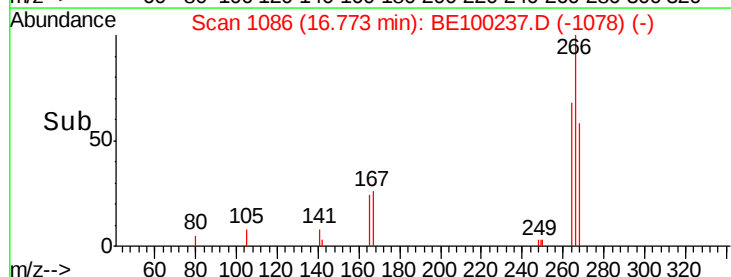
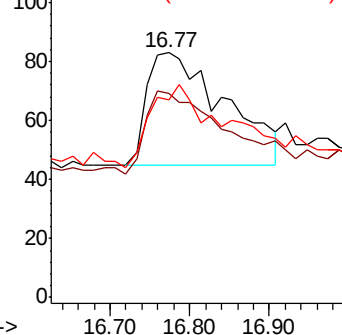
268 80.7 61.8 92.6

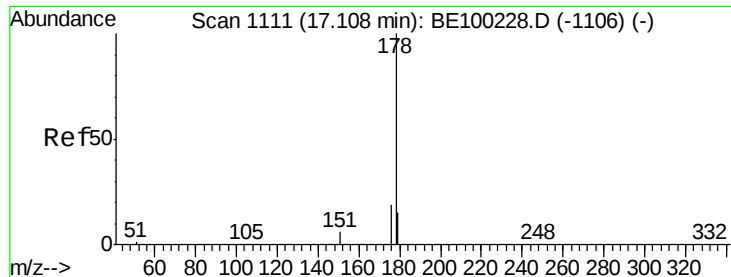


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.186 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

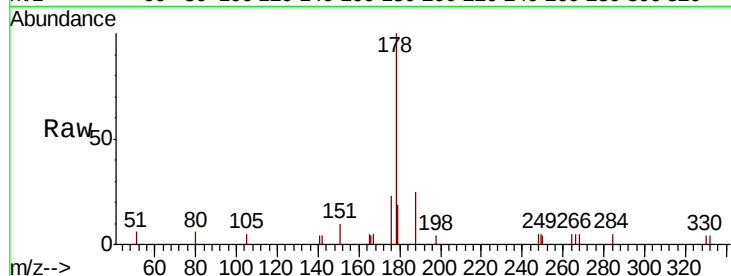
Tgt Ion:178 Resp: 1998

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

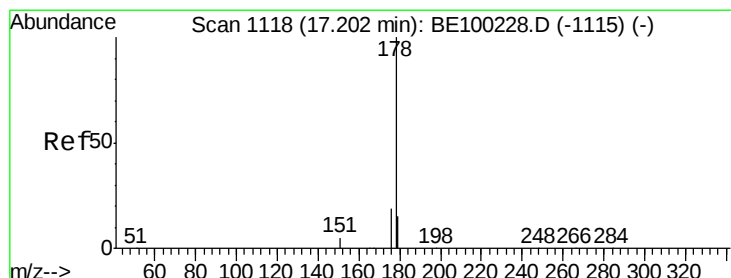
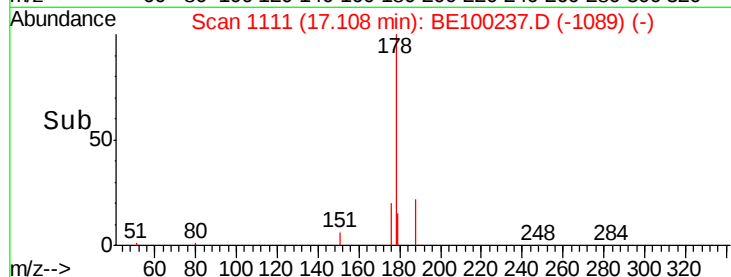
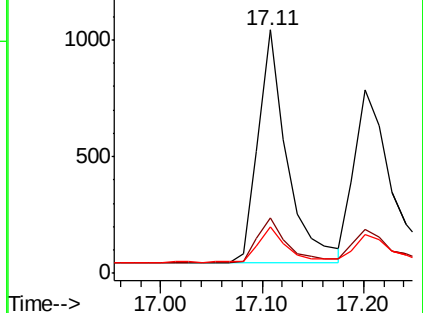
179 15.6 12.2 18.2



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: 0.175 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

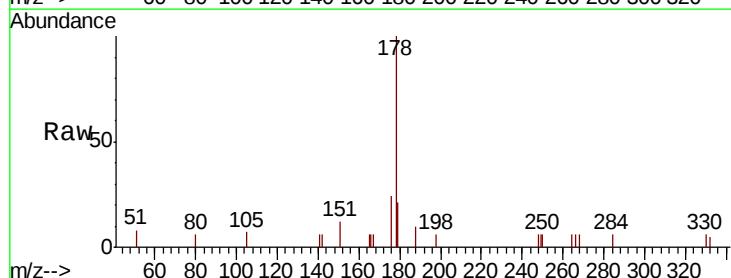
Tgt Ion:178 Resp: 1688

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

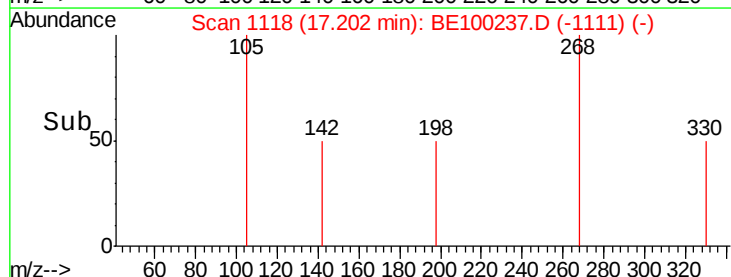
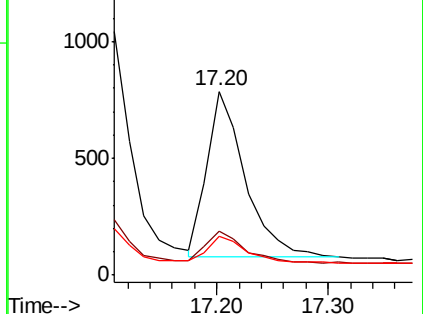
179 17.1 12.2 18.2

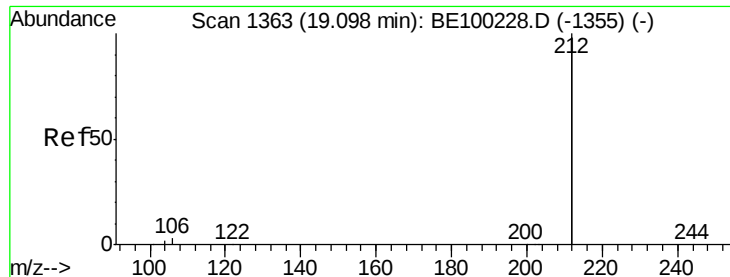


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

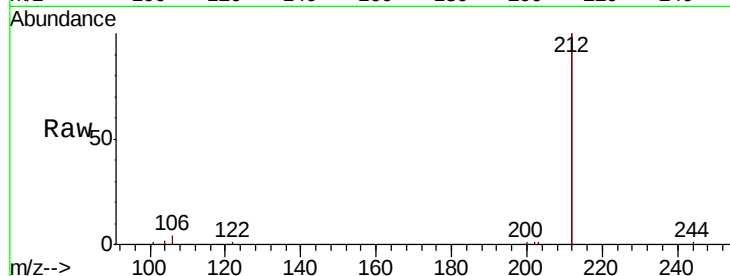
Instrument :

BNA_E

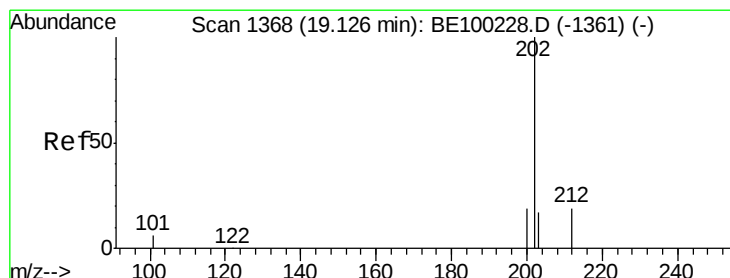
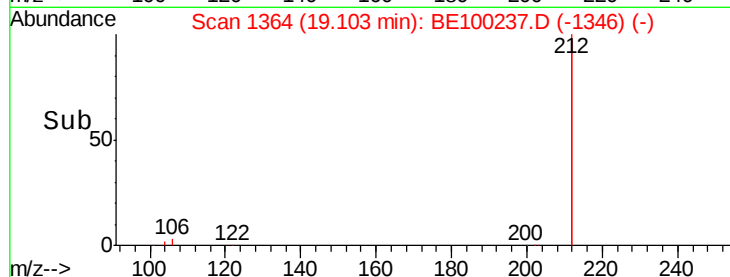
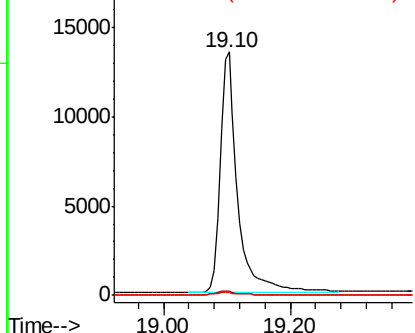
ClientSampleId :

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Tgt Ion:	212	Resp:	25549
Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	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: 0.187 ng

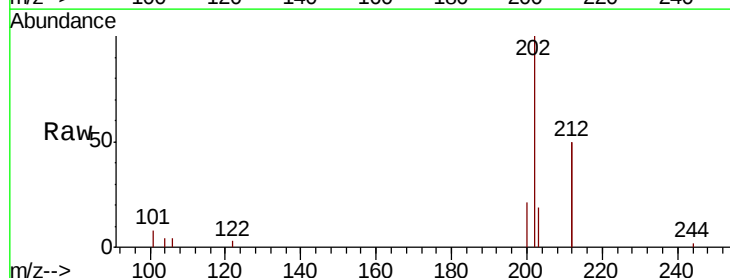
RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

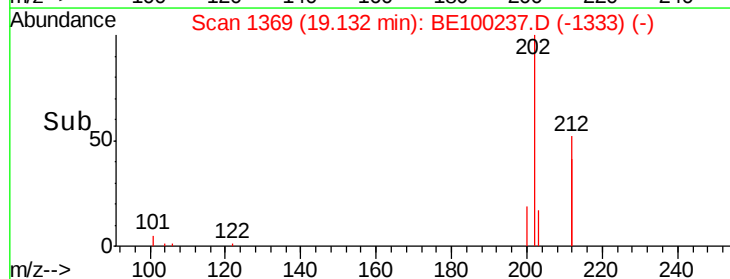
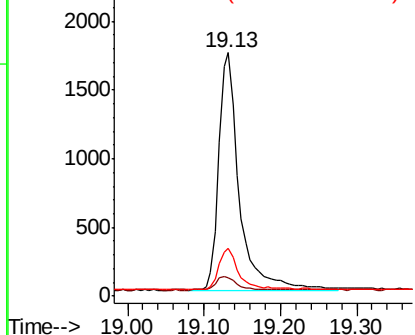
Lab File: BE100237.D

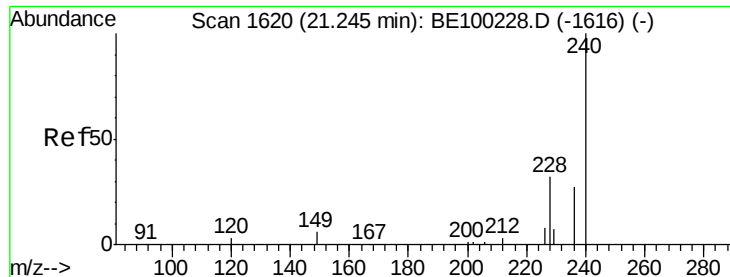
Acq: 28 Jun 2019 16:38

Tgt Ion:	202	Resp:	3203
Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.6	7.0
203	16.9	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

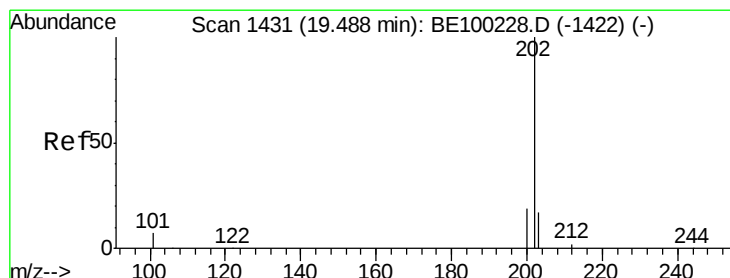
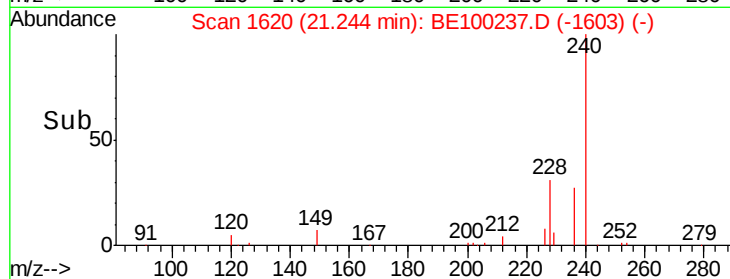
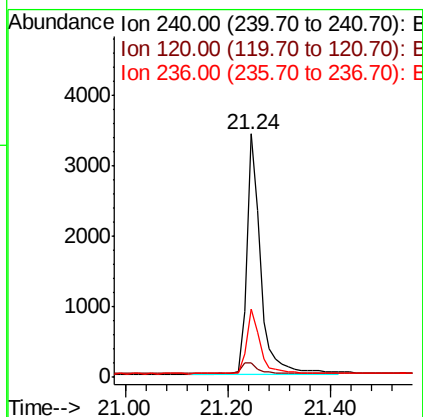
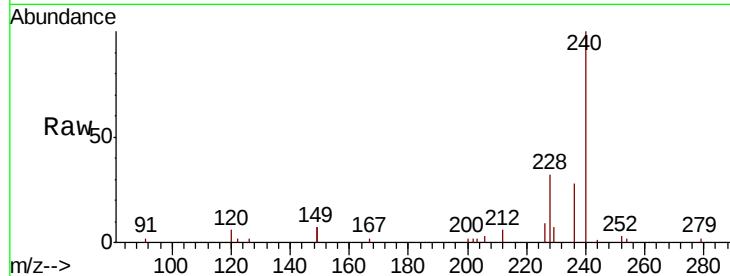




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

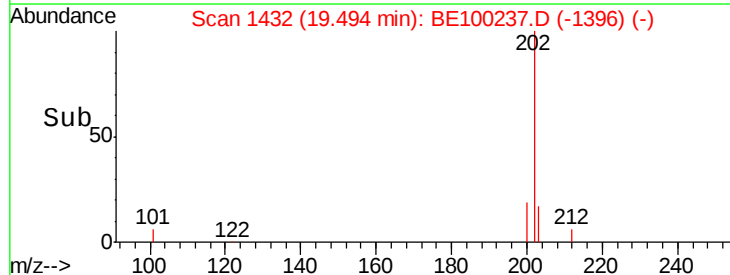
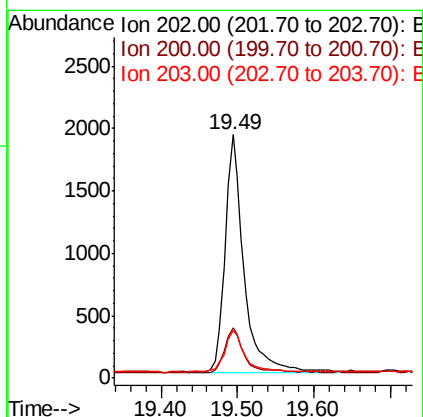
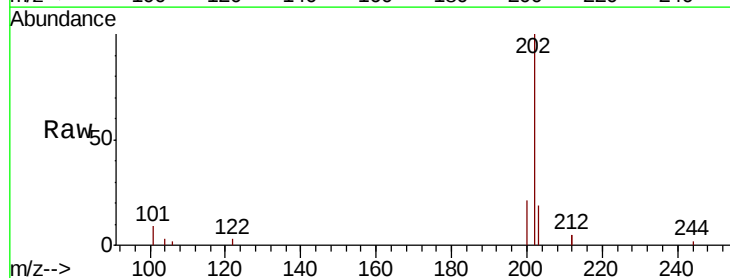
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2019

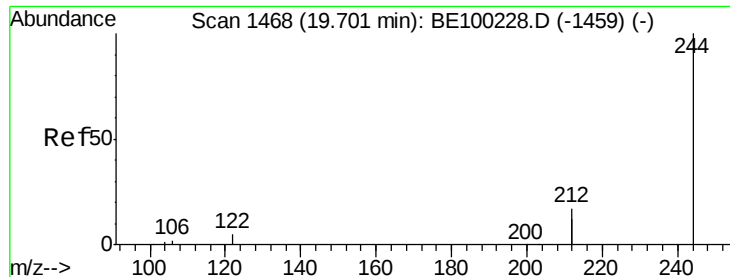
Tgt Ion:240 Resp: 6255
Ion Ratio Lower Upper
240 100
120 6.2 3.3 4.9#
236 28.3 22.6 34.0



#28
Pyrene
Concen: 0.197 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion:202 Resp: 3265
Ion Ratio Lower Upper
202 100
200 19.2 15.6 23.4
203 17.9 14.0 21.0





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

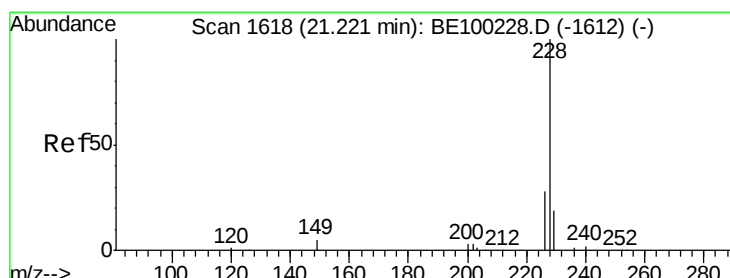
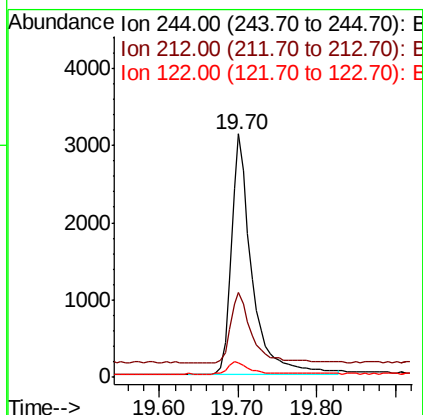
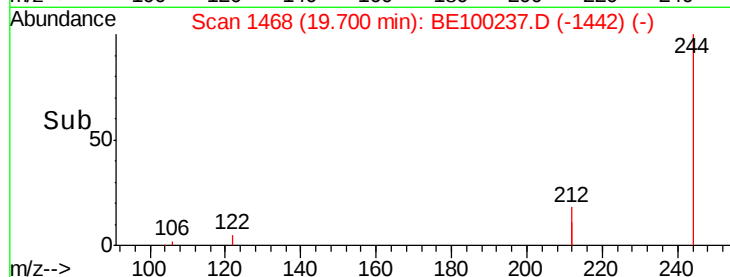
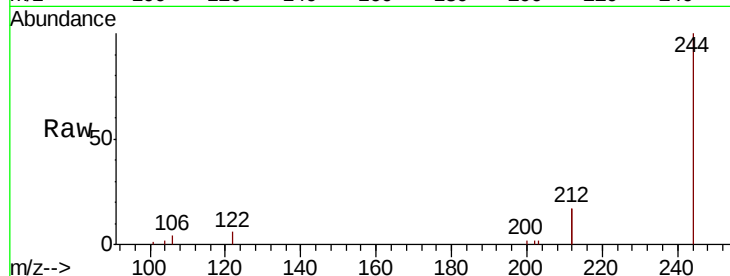
Tgt Ion:244 Resp: 5609

Ion Ratio Lower Upper

244 100

212 34.7 27.3 40.9

122 6.2 4.7 7.1



#30

Benzo(a)anthracene

Concen: 0.181 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

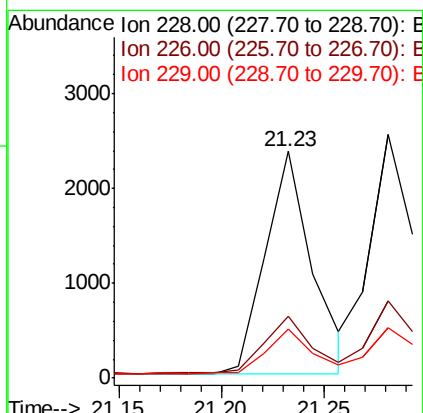
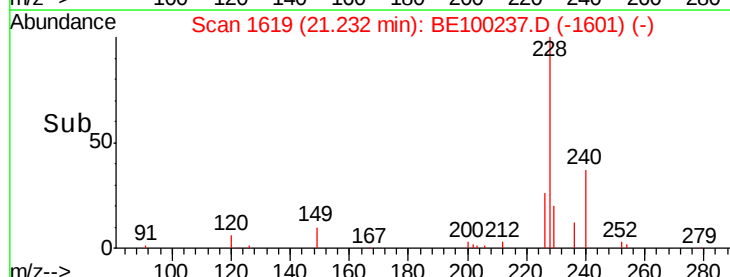
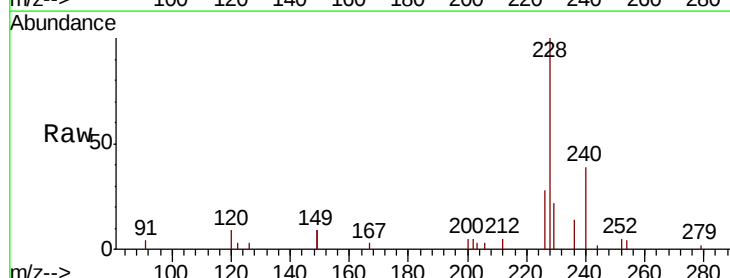
Tgt Ion:228 Resp: 3715

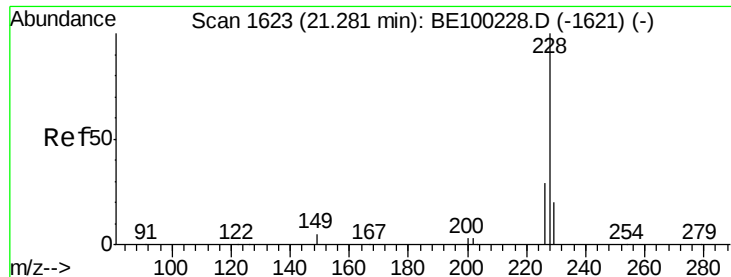
Ion Ratio Lower Upper

228 100

226 27.6 23.2 34.8

229 21.8 15.7 23.5





#31

Chrysene

Concen: 0.197 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

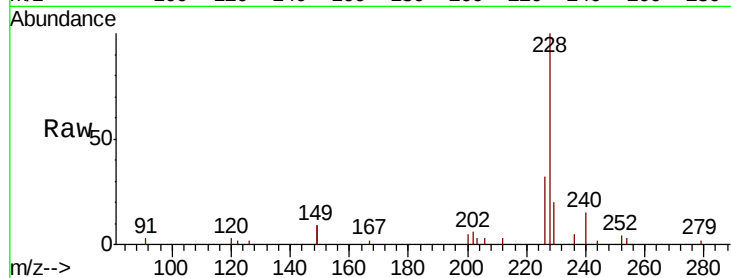
Tgt Ion:228 Resp: 4075

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

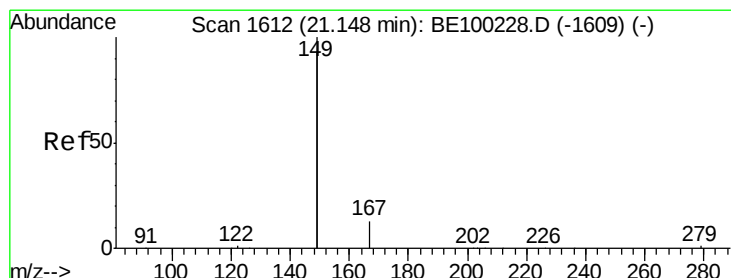
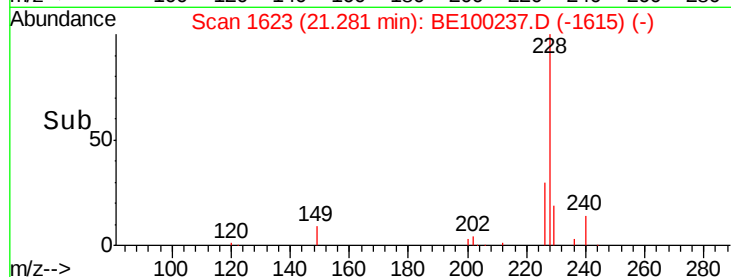
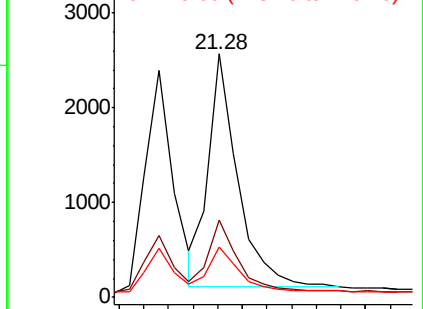
229 20.4 16.5 24.7



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: 0.110 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

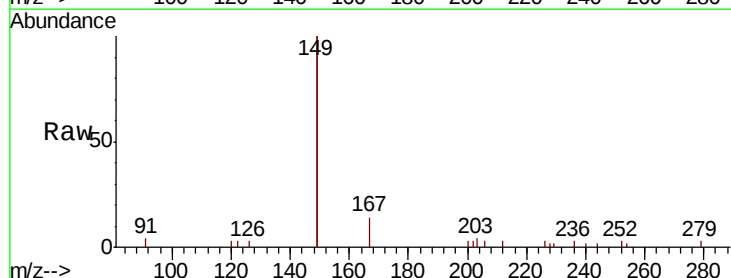
Tgt Ion:149 Resp: 4865

Ion Ratio Lower Upper

149 100

167 8.4 5.8 8.8

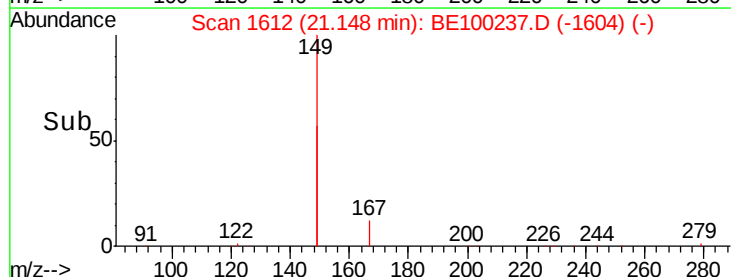
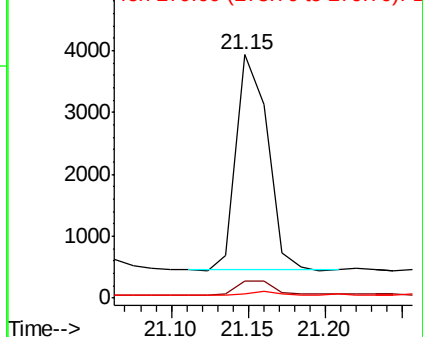
279 1.8 1.1 1.7#

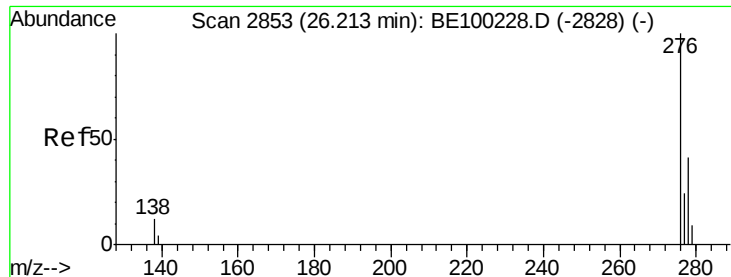


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.183 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

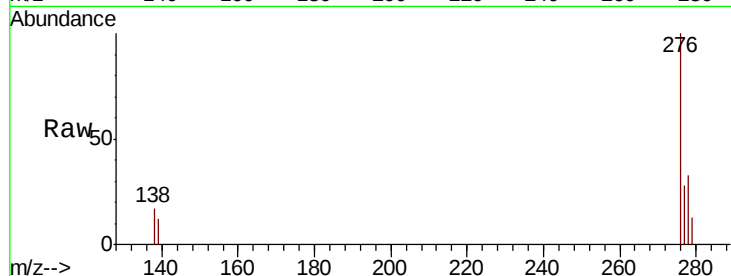
Tgt Ion:276 Resp: 4997

Ion Ratio Lower Upper

276 100

138 13.5 9.4 14.0

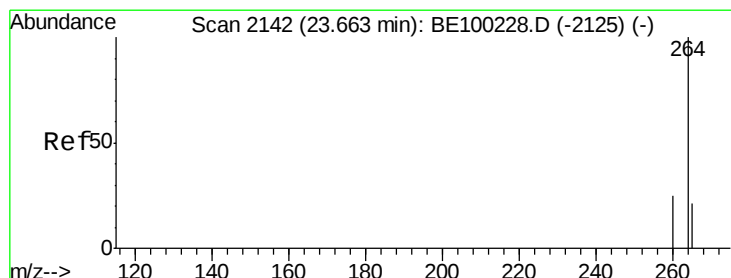
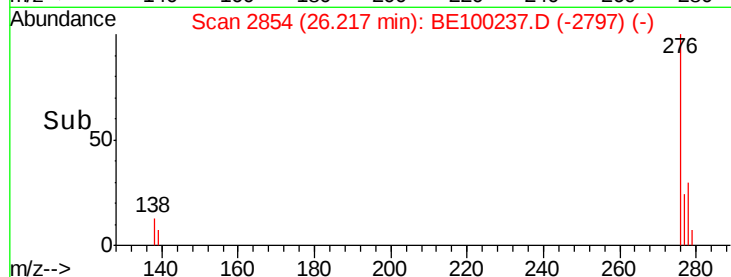
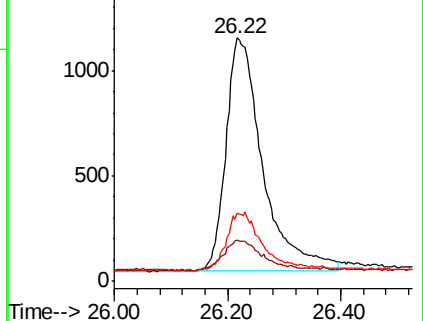
277 23.7 19.2 28.8



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: BE100237.D

Acq: 28 Jun 2019 16:38

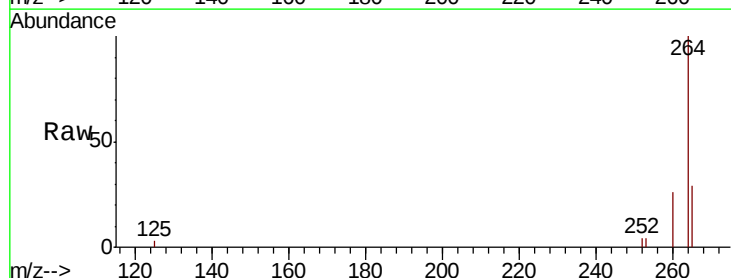
Tgt Ion:264 Resp: 7414

Ion Ratio Lower Upper

264 100

260 25.5 20.8 31.2

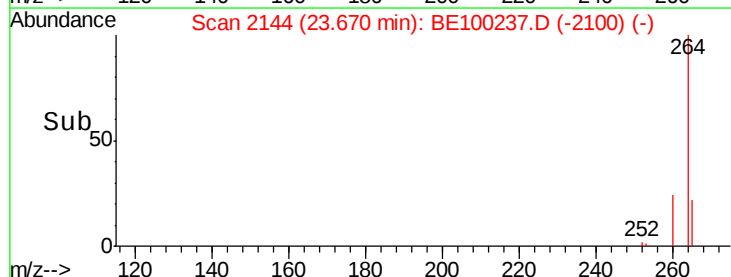
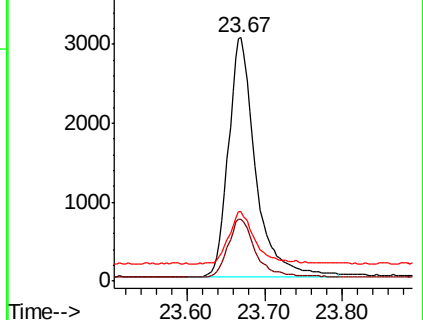
265 28.5 21.8 32.6

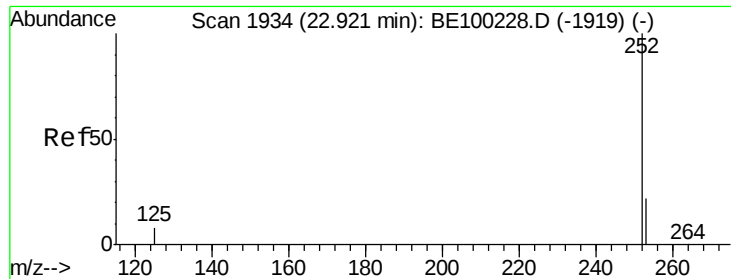


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.218 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.05 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

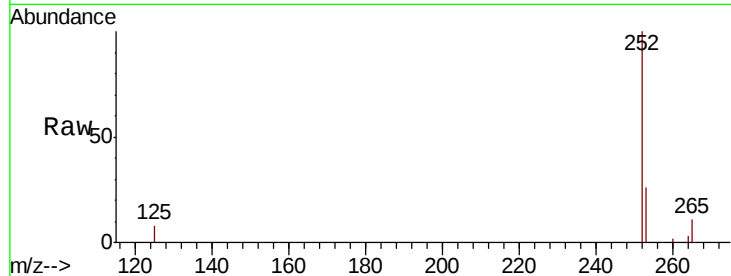
Tgt Ion:252 Resp: 4383

Ion Ratio Lower Upper

252 100

253 26.3 19.2 28.8

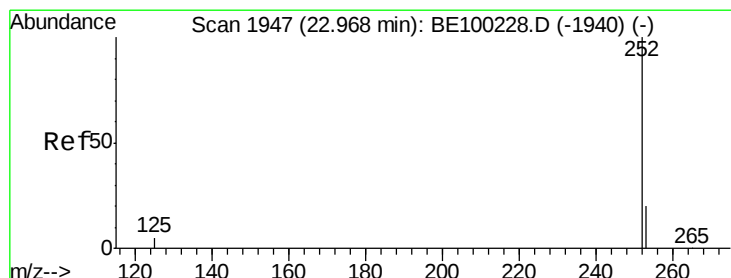
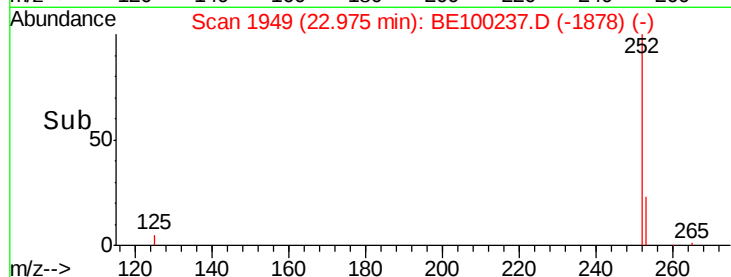
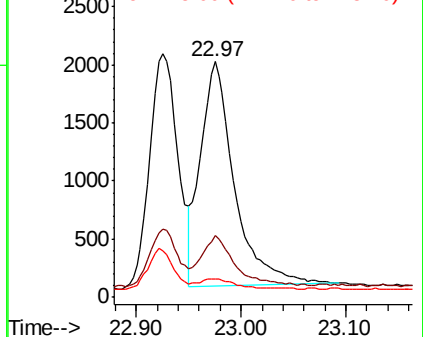
125 7.8 7.4 11.0



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: 0.195 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

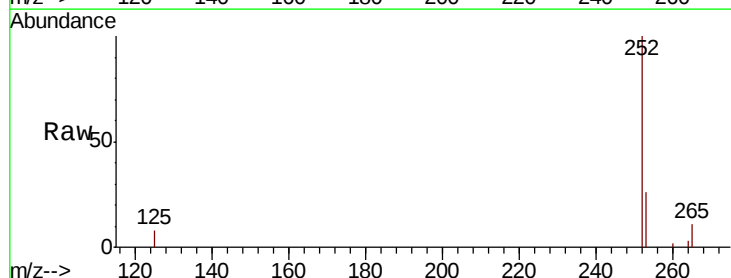
Tgt Ion:252 Resp: 4383

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

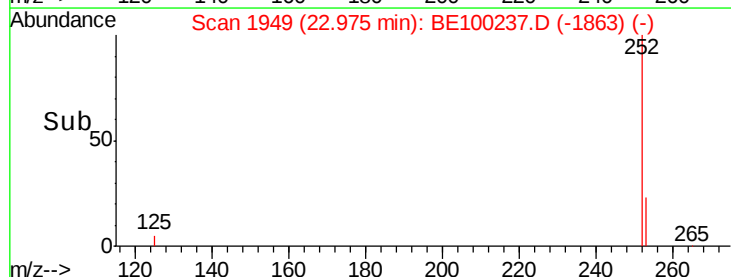
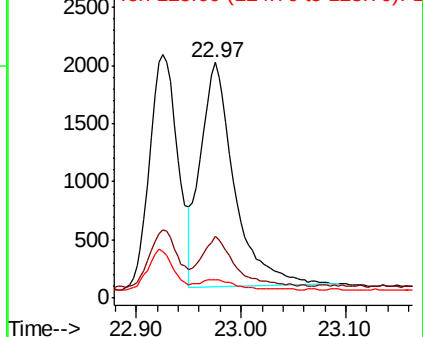
125 7.8 5.0 7.4#

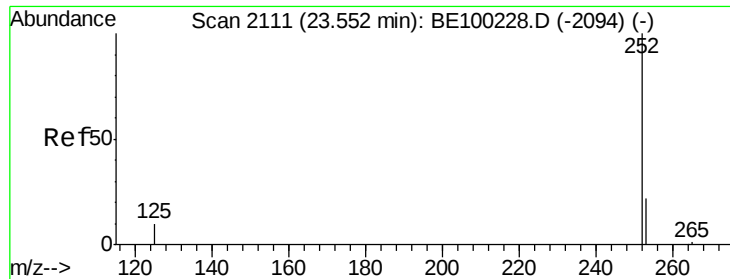


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.202 ng

RT: 23.56 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019

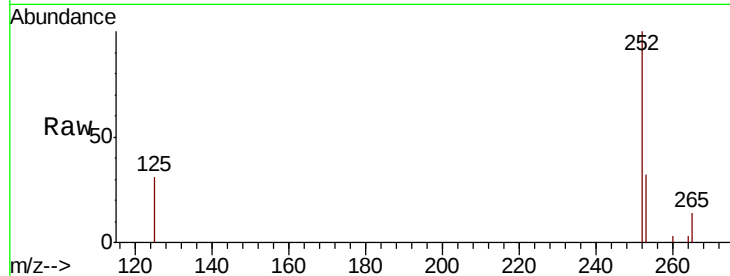
Tgt Ion:252 Resp: 4079

Ion Ratio Lower Upper

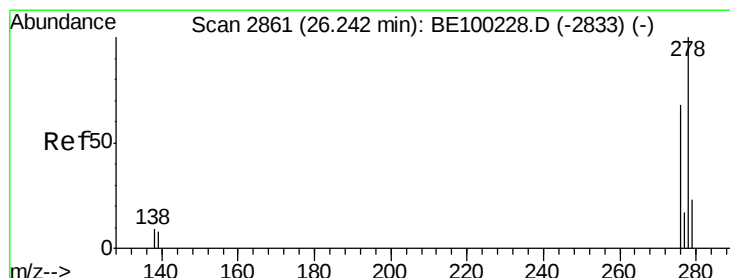
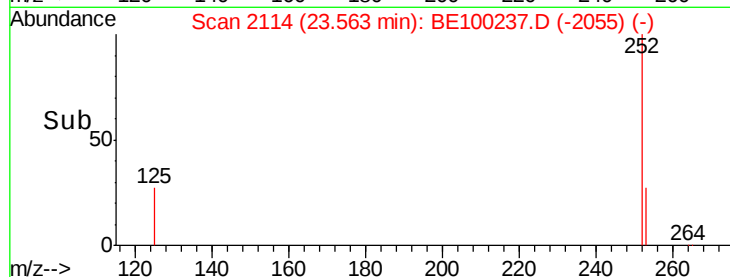
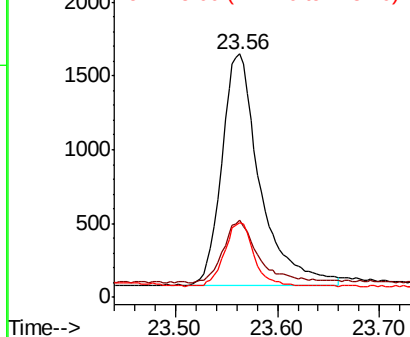
252 100

253 31.8 19.6 29.4#

125 30.5 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: 0.176 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

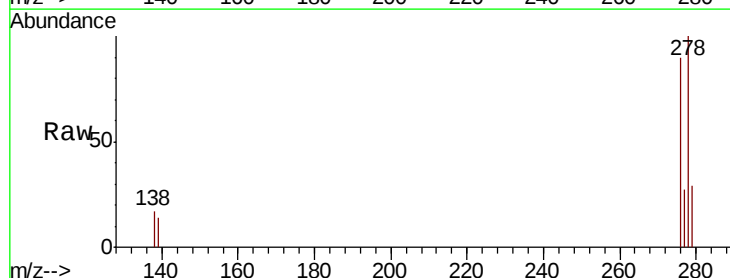
Tgt Ion:278 Resp: 3695

Ion Ratio Lower Upper

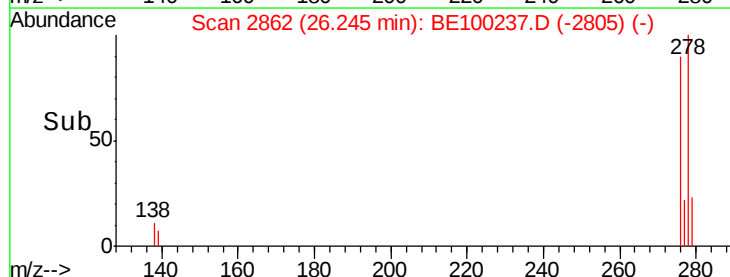
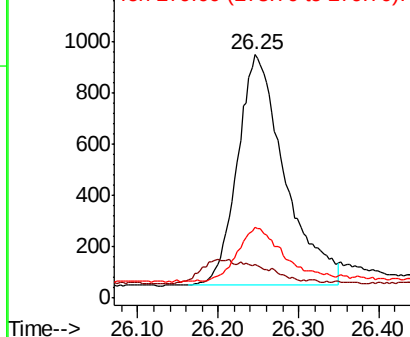
278 100

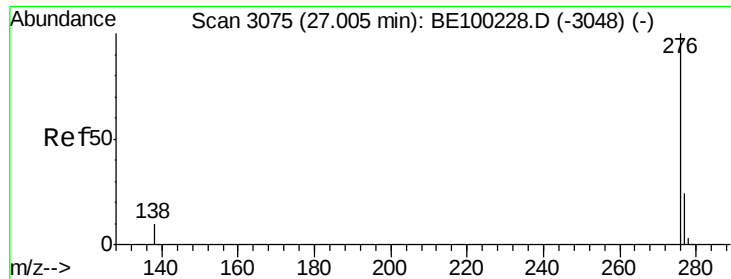
139 13.7 8.2 12.2#

279 29.2 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: 0.198 ng

RT: 27.01 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BE100237.D

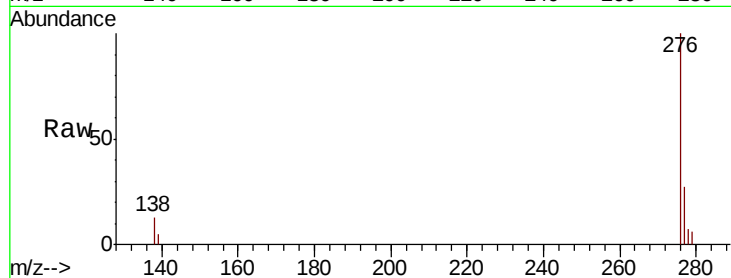
Acq: 28 Jun 2019 16:38

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2019



Tgt Ion: 276 Resp: 4277

Ion Ratio Lower Upper

276 100

277 27.4 20.2 30.2

138 13.4 9.0 13.6

