

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099283.D
 Acq On : 2 Apr 2019 20:43
 Operator : JU/SJ
 Sample : K1560-08
 Misc : LOQ 0.2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Apr 03 05:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3183	0.40	ng	-0.03
7) Naphthalene-d8	10.61	136	11282	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7427	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	22327	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	32188	0.40	ng	-0.03
34) Perylene-d12	23.86	264	33562	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2935	0.35	ng	-0.03
5) Phenol-d6	6.97	99	3960	0.34	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2801	0.36	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	6788	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	984	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11072	0.38	ng	-0.02
25) Fluoranthene-d10	19.22	212	100407	0.34	ng	-0.02
29) Terphenyl-d14	19.82	244	22849	0.39	ng	-0.02

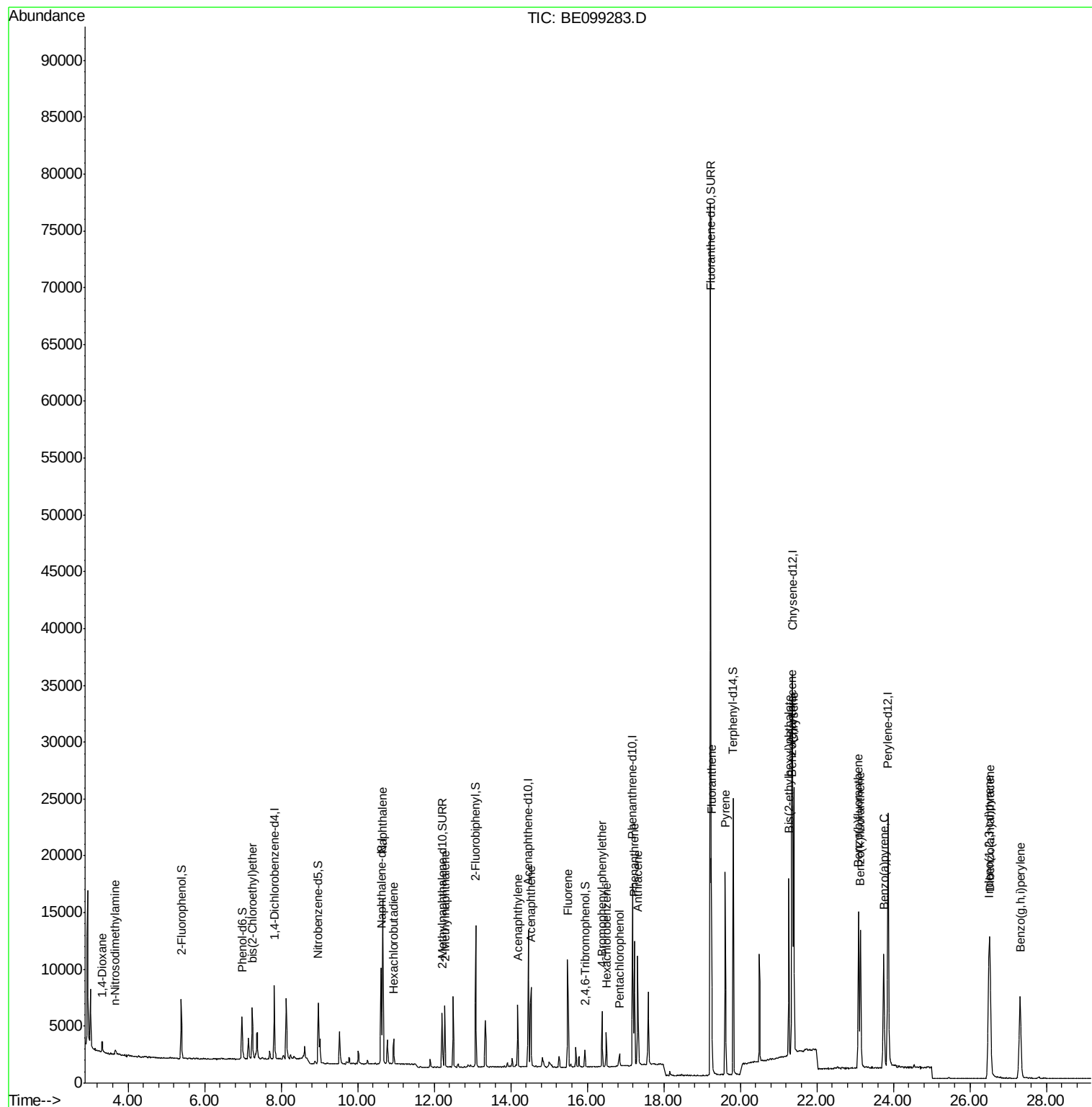
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1045	0.241	ng	95
3) n-Nitrosodimethylamine	3.66	42	332	0.130	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	1951	0.187	ng	92
9) Naphthalene	10.65	128	23728	0.193	ng	99
10) Hexachlorobutadiene	10.94	225	1596	0.200	ng	95
12) 2-Methylnaphthalene	12.28	142	3916	0.188	ng	97
16) Acenaphthylene	14.18	152	6135	0.174	ng	99
17) Acenaphthene	14.53	154	4034	0.194	ng	98
18) Fluorene	15.49	166	5631	0.188	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2406	0.190	ng	# 84
21) Hexachlorobenzene	16.49	284	2372	0.197	ng	99
22) Pentachlorophenol	16.84	266	644	0.129	ng	97
23) Phenanthrene	17.23	178	11297	0.195	ng	99
24) Anthracene	17.32	178	9711	0.178	ng	99
26) Fluoranthene	19.25	202	16060	0.188	ng	98
28) Pyrene	19.61	202	16414	0.193	ng	100
30) Benzo(a)anthracene	21.34	228	18753	0.185	ng	98
31) Chrysene	21.40	228	19682	0.198	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	16284	0.126	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	21486	0.189	ng	97
35) Benzo(b)fluoranthene	23.09	252	18904	0.189	ng	98
36) Benzo(k)fluoranthene	23.14	252	18116	0.186	ng	99
37) Benzo(a)pyrene	23.75	252	17239	0.183	ng	97
38) Dibenzo(a,h)anthracene	26.52	278	17781	0.190	ng	100
39) Benzo(g,h,i)perylene	27.31	276	18116	0.194	ng	98

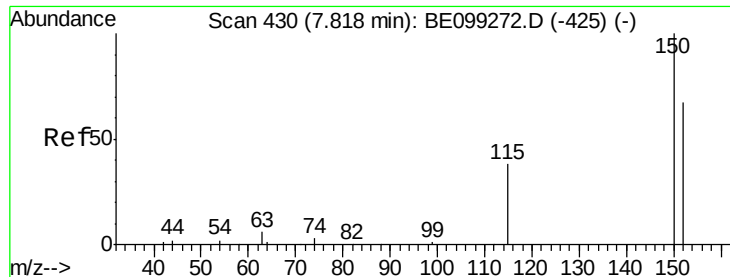
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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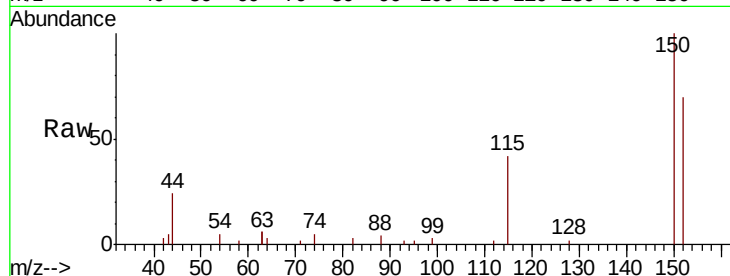


#1

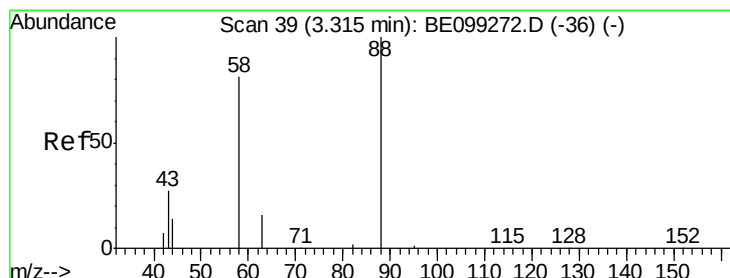
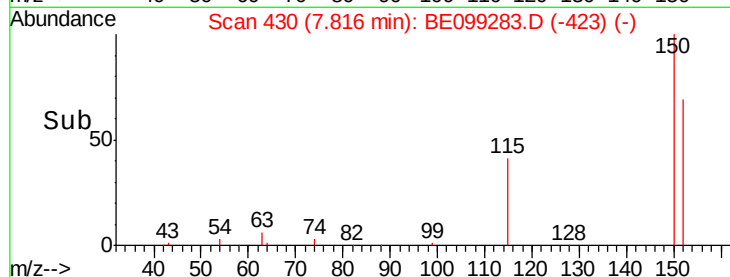
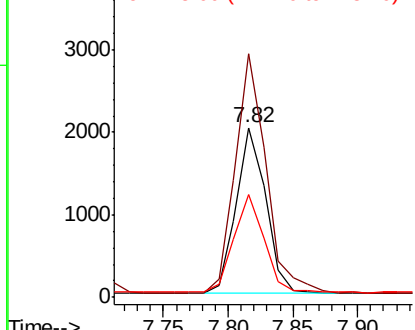
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.03 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 152 Resp: 3183
Ion Ratio Lower Upper
152 100
150 143.6 112.8 169.2
115 61.0 45.1 67.7



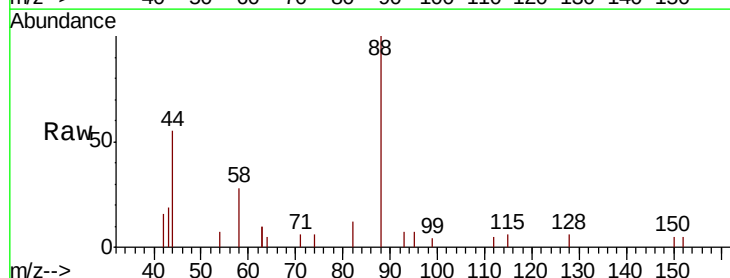
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



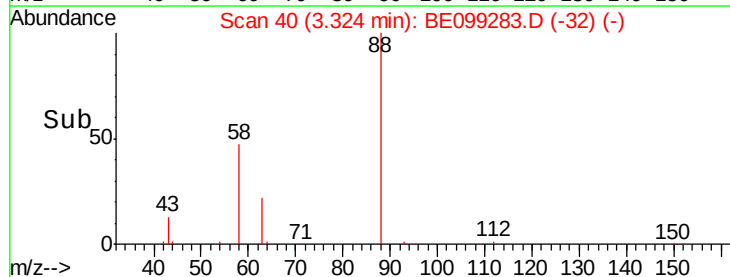
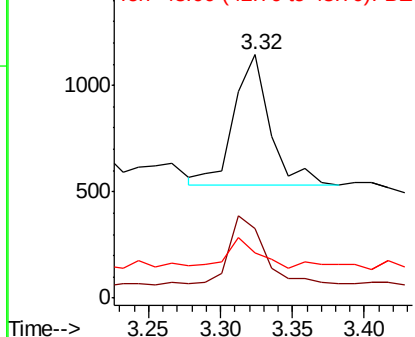
#2

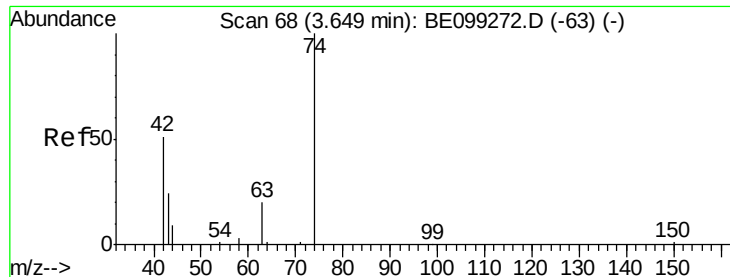
1,4-Dioxane
Concen: 0.241 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Tgt Ion: 88 Resp: 1045
Ion Ratio Lower Upper
88 100
58 54.9 47.4 71.0
43 20.9 15.6 23.4



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: 0.130 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

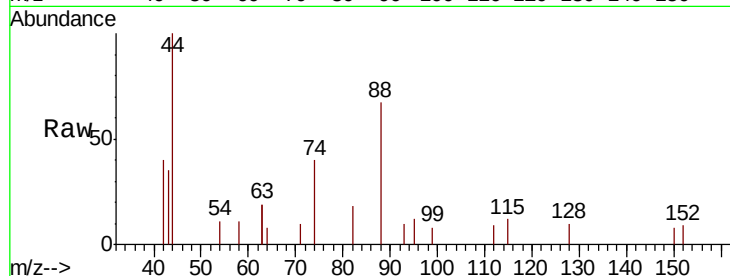
Tgt Ion: 42 Resp: 332

Ion Ratio Lower Upper

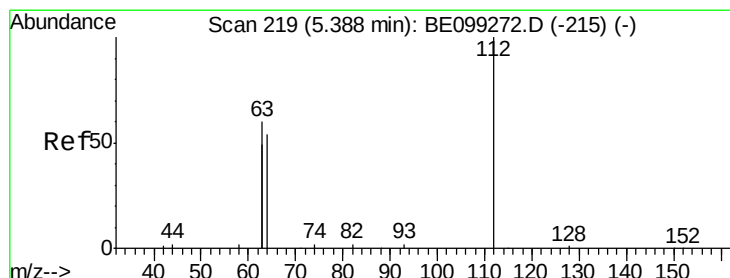
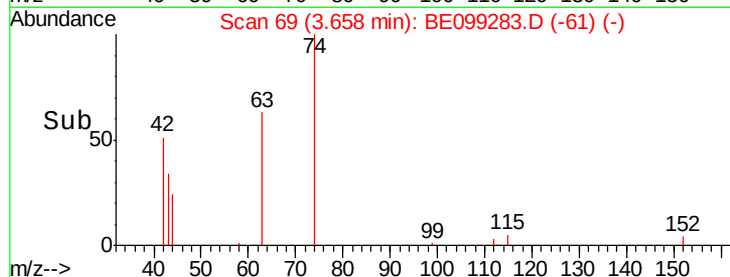
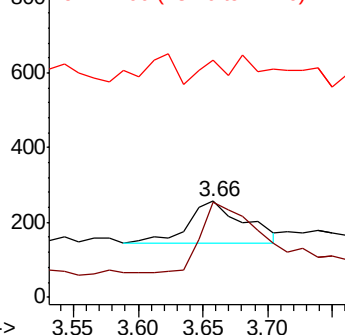
42 100

74 175.9 138.6 207.8

44 27.4 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.347 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

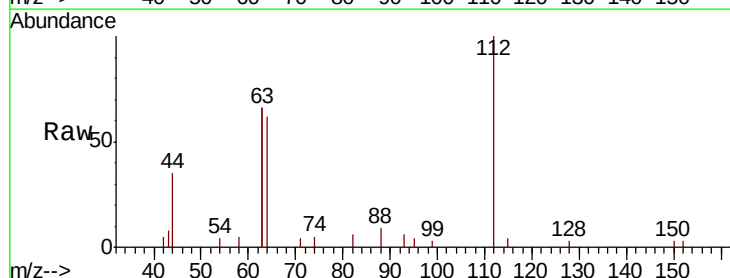
Tgt Ion: 112 Resp: 2935

Ion Ratio Lower Upper

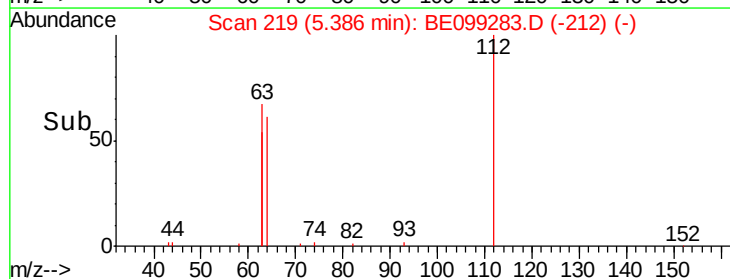
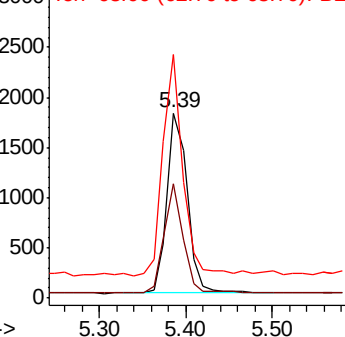
112 100

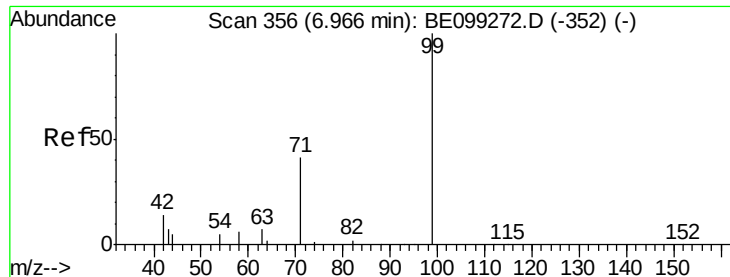
64 56.3 46.2 69.2

63 119.3 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.341 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

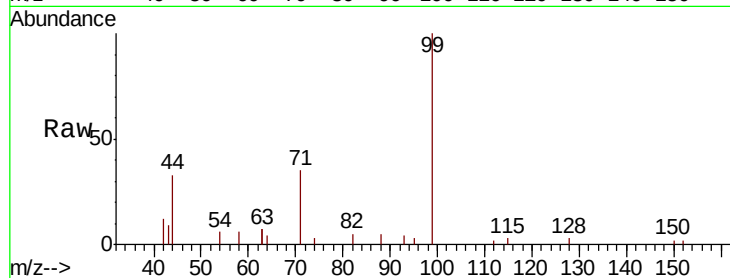
Tgt Ion: 99 Resp: 3960

Ion Ratio Lower Upper

99 100

42 14.6 12.4 18.6

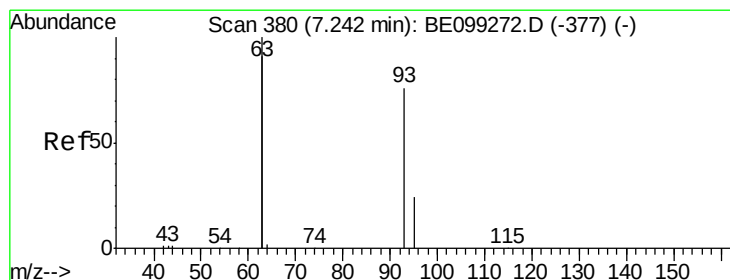
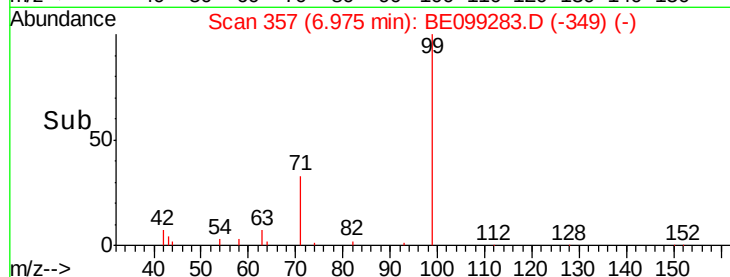
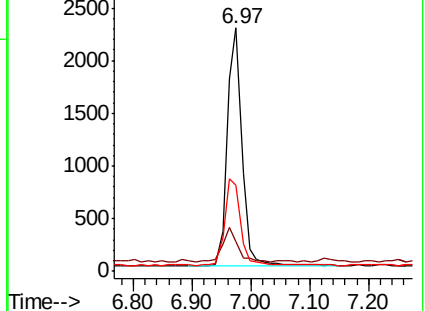
71 38.1 28.4 42.6



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: 0.187 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

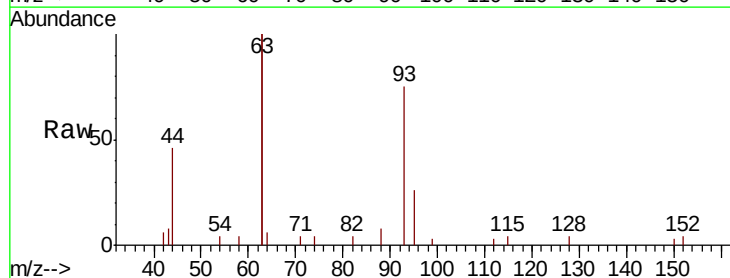
Tgt Ion: 93 Resp: 1951

Ion Ratio Lower Upper

93 100

63 259.6 221.4 332.0

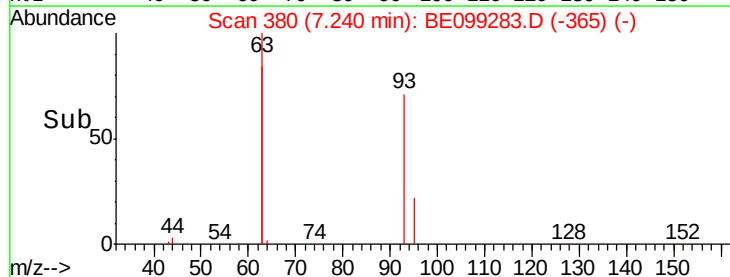
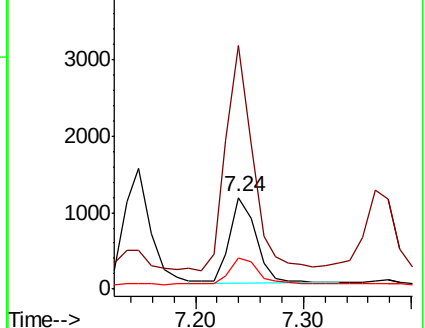
95 33.4 25.8 38.8

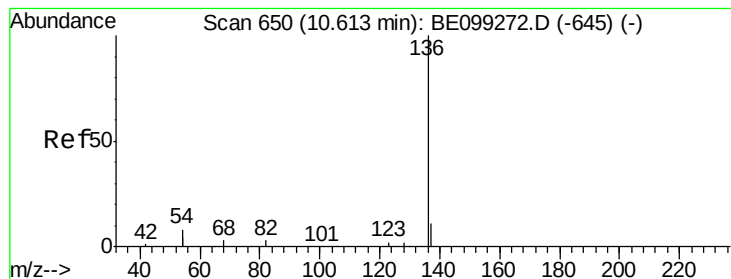


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:136 Resp: 11282

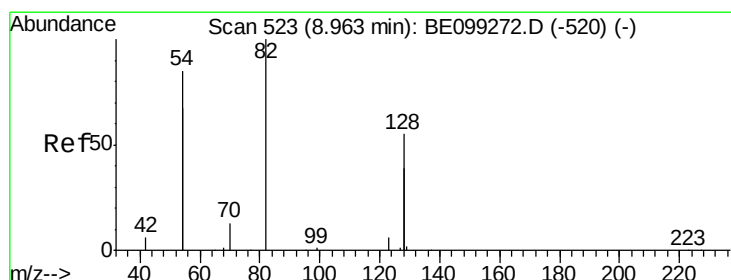
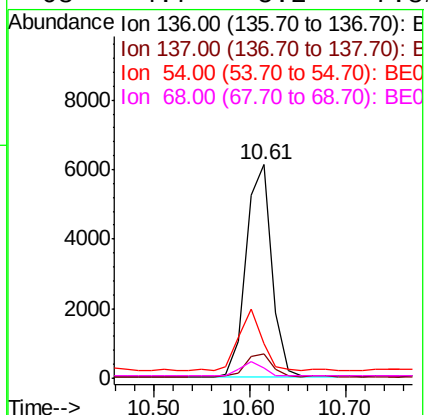
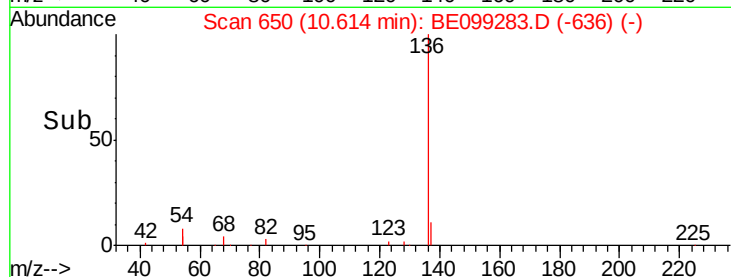
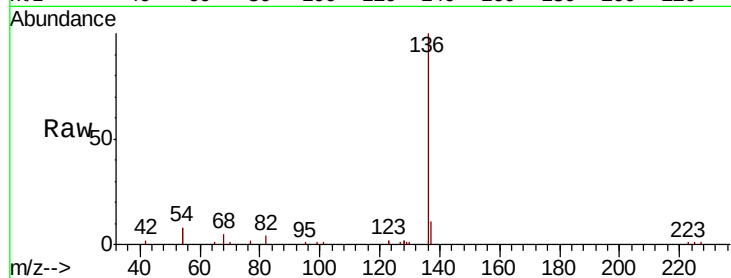
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 16.2 18.7 28.1#

68 4.7 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

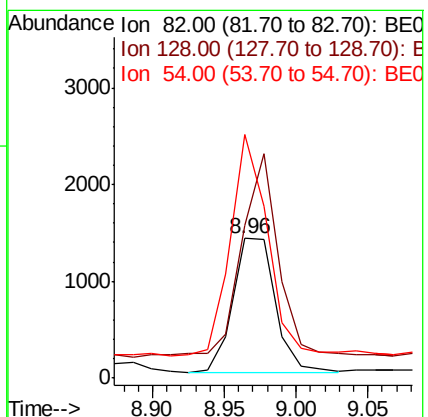
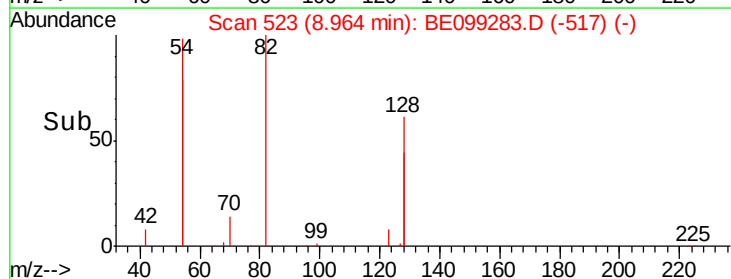
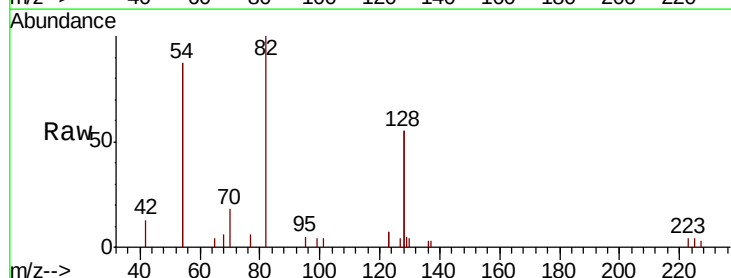
Tgt Ion: 82 Resp: 2801

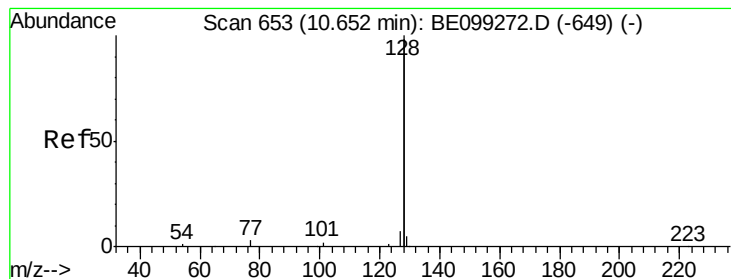
Ion Ratio Lower Upper

82 100

128 109.2 107.5 161.3

54 174.6 106.3 159.5#





#9

Naphthalene

Concen: 0.193 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

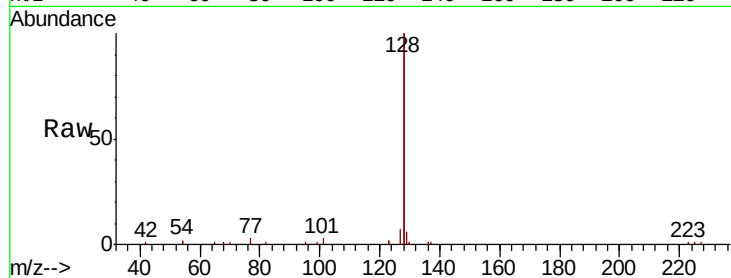
Tgt Ion:128 Resp: 23728

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

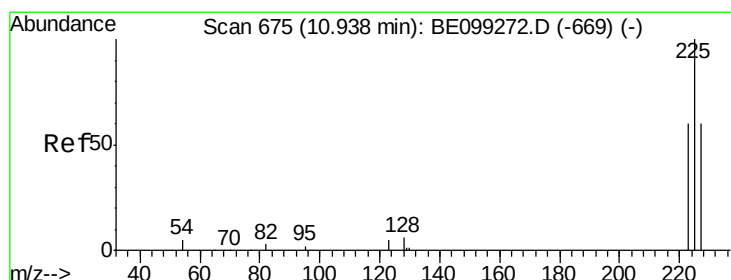
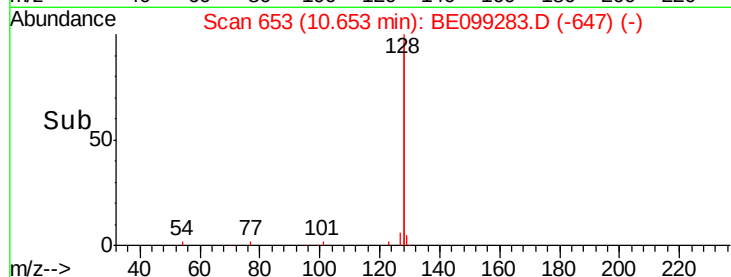
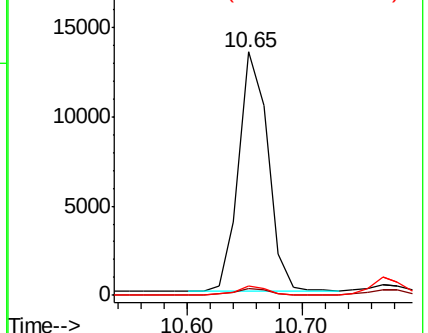
127 3.6 2.6 3.8



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: 0.200 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

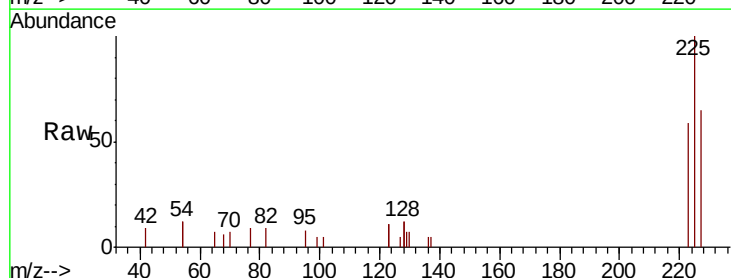
Tgt Ion:225 Resp: 1596

Ion Ratio Lower Upper

225 100

223 58.2 51.3 76.9

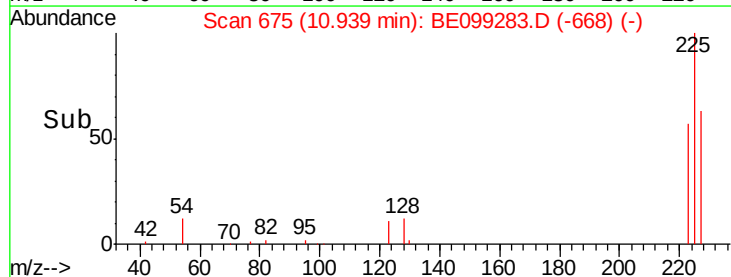
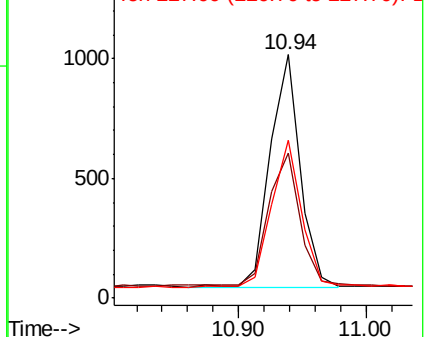
227 62.4 48.6 73.0

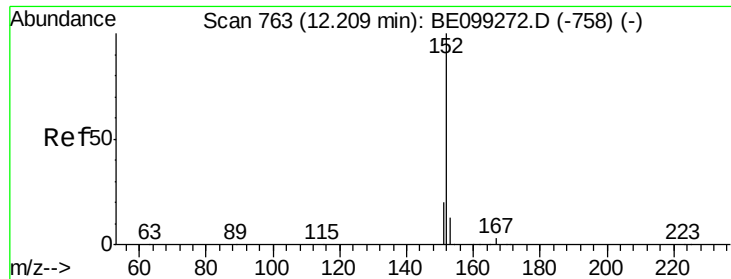


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

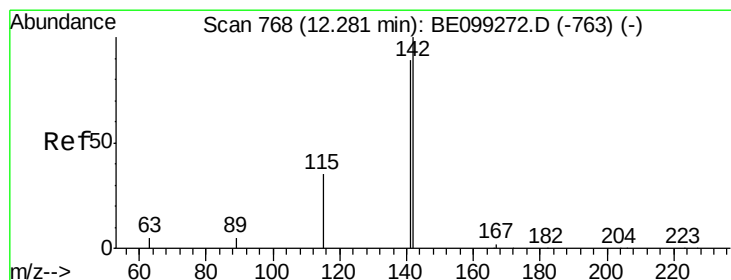
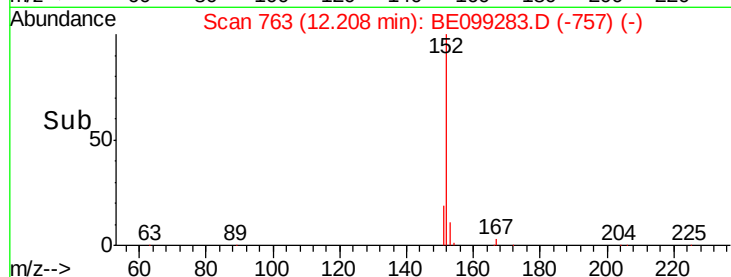
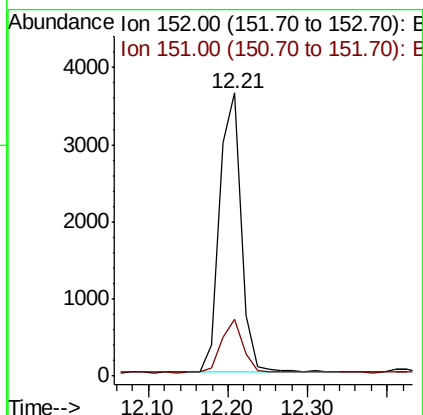
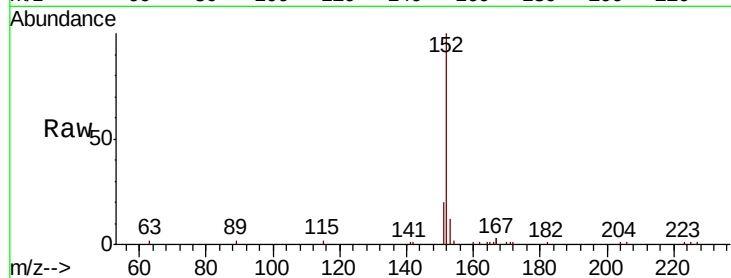




#11
 2-Methylnaphthalene-d10
 Concen: 0.345 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099283.D
 Acq: 2 Apr 2019 20:43

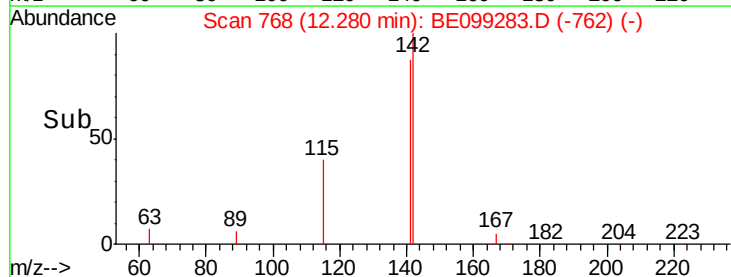
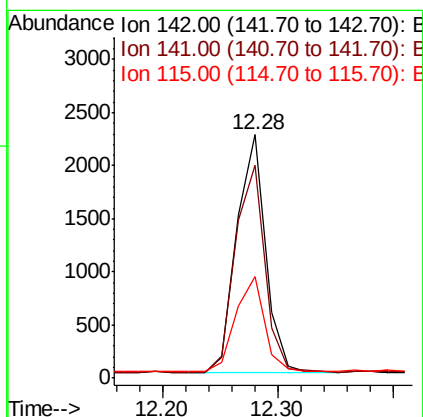
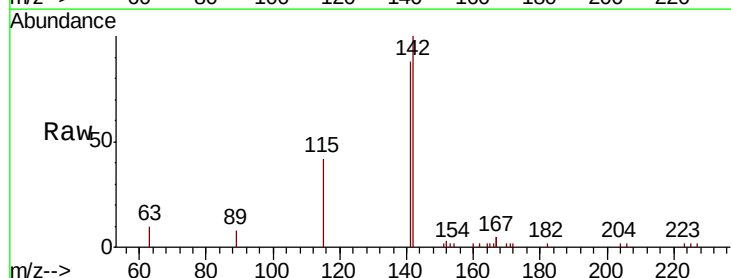
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

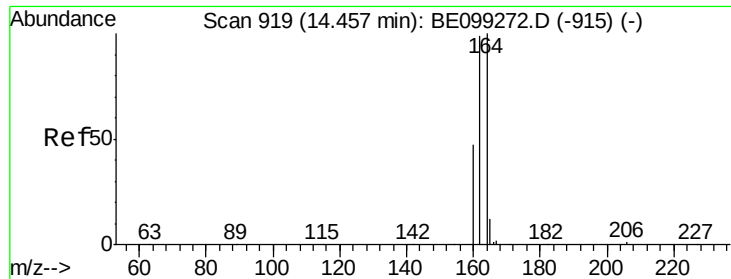
Tgt Ion:152 Resp: 6788
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.188 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099283.D
 Acq: 2 Apr 2019 20:43

Tgt Ion:142 Resp: 3916
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.3 106.9
 115 41.5 30.4 45.6

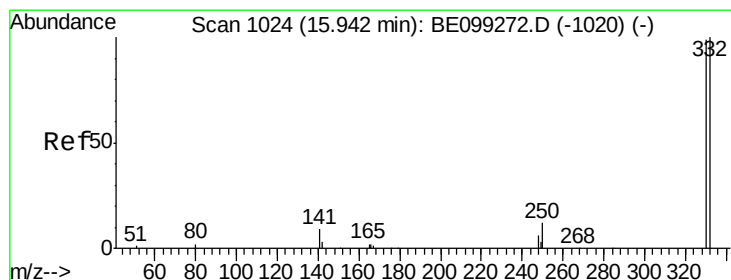
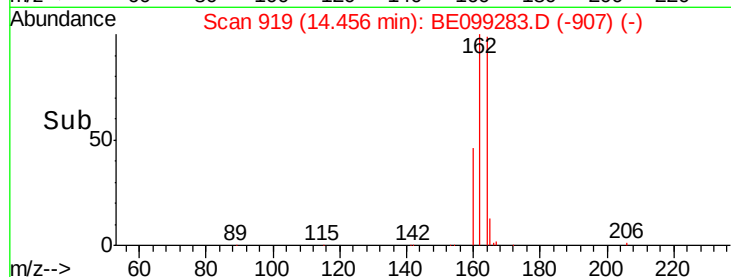
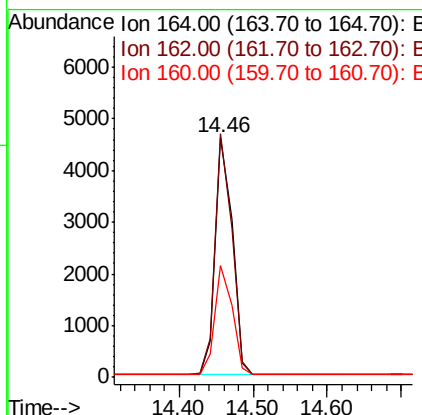
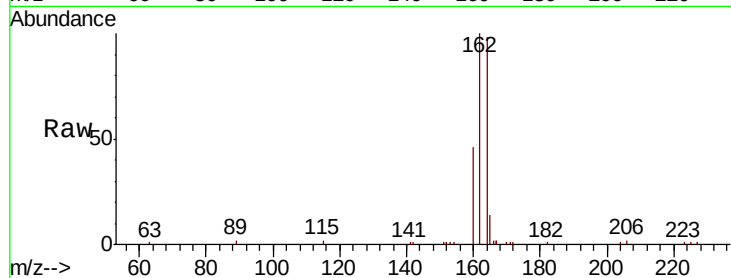




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099283.D
 Acq: 2 Apr 2019 20:43

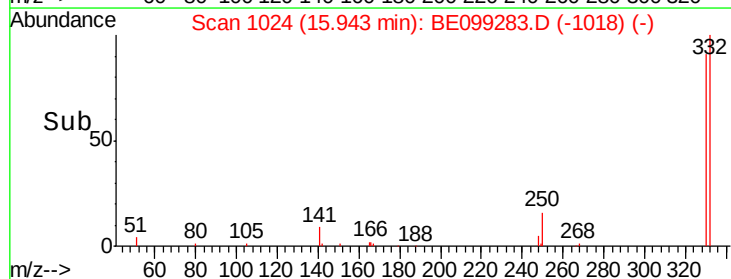
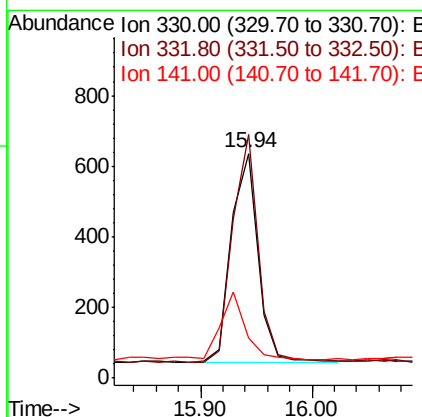
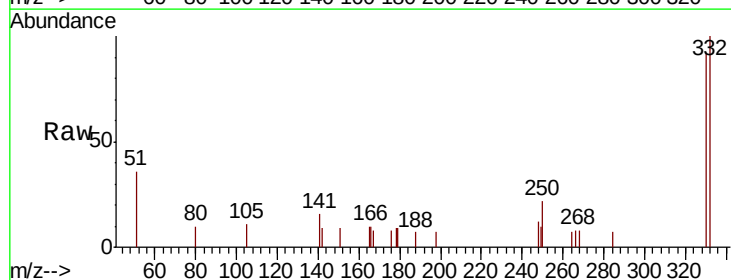
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

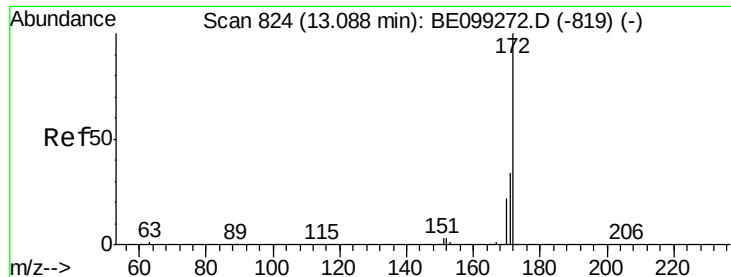
Tgt Ion:164 Resp: 7427
 Ion Ratio Lower Upper
 164 100
 162 101.6 79.2 118.8
 160 46.8 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.288 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099283.D
 Acq: 2 Apr 2019 20:43

Tgt Ion:330 Resp: 984
 Ion Ratio Lower Upper
 330 100
 332 104.9 71.3 106.9
 141 31.0 21.7 32.5

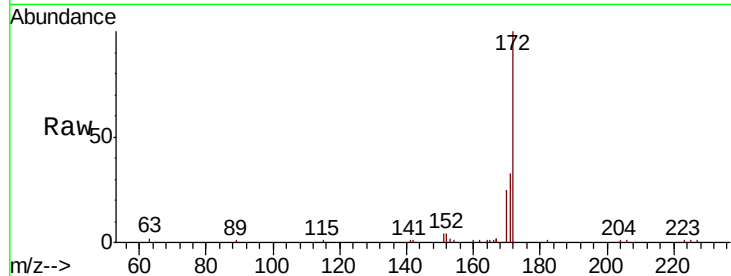




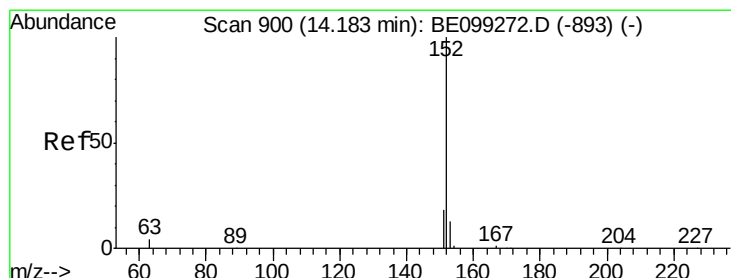
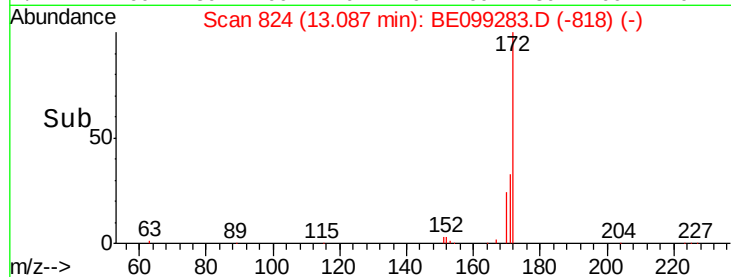
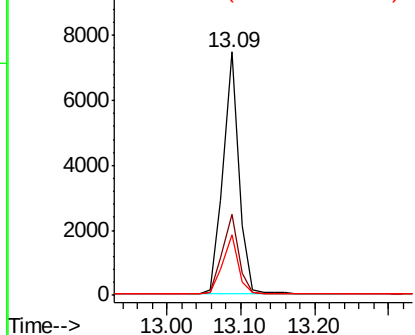
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:172 Resp: 11072
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 24.7 19.1 28.7

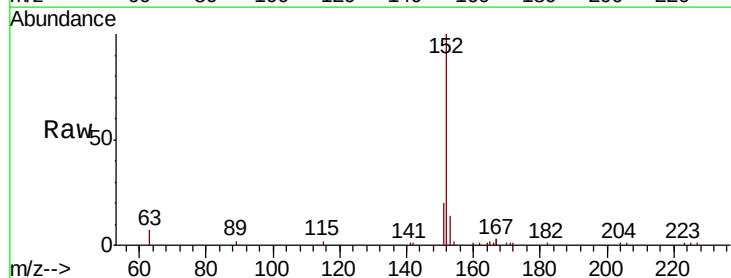


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

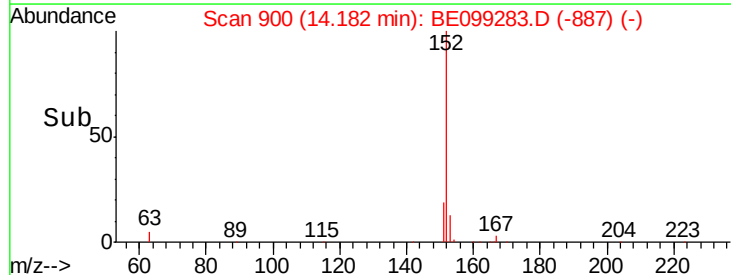
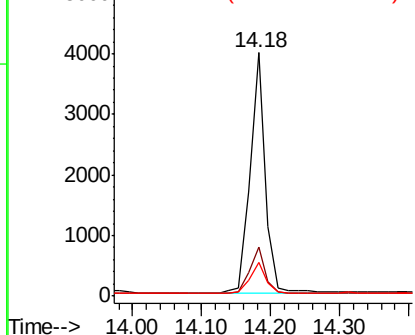


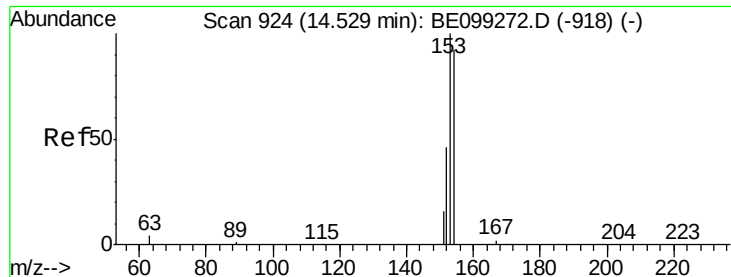
#16
Acenaphthylene
Concen: 0.174 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Tgt Ion:152 Resp: 6135
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 12.7 10.6 15.8



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

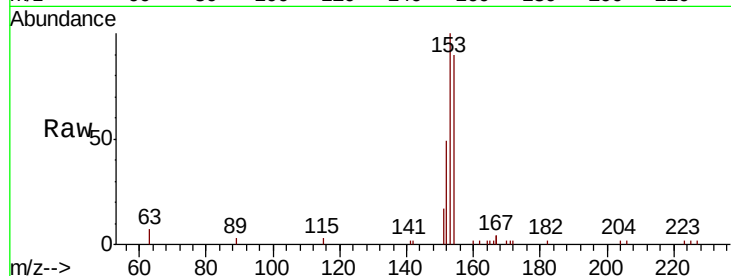




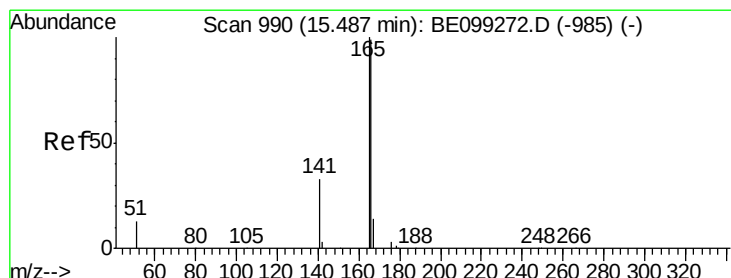
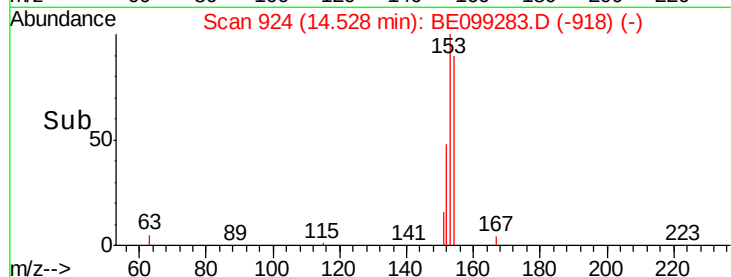
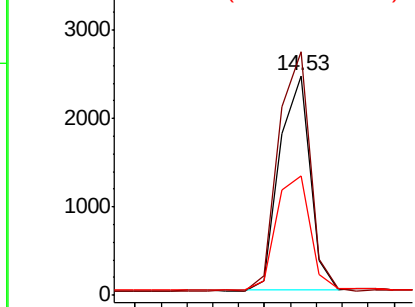
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:154 Resp: 4034
Ion Ratio Lower Upper
154 100
153 114.0 93.4 140.0
152 58.4 46.6 69.8

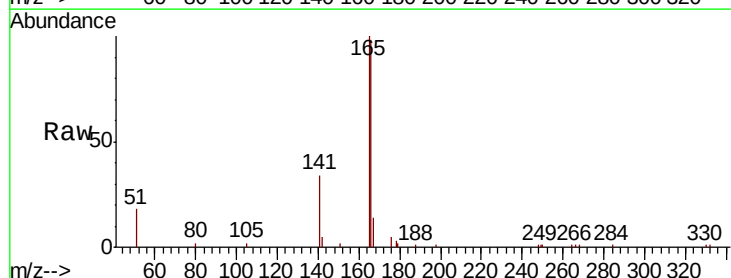


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

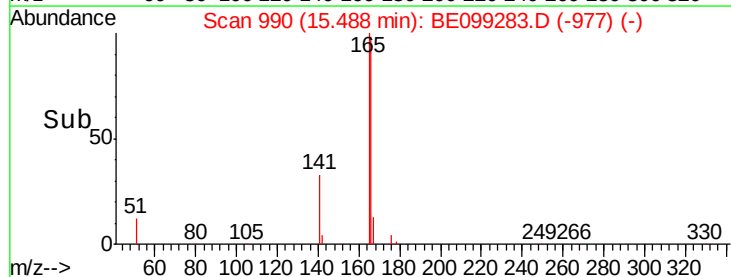
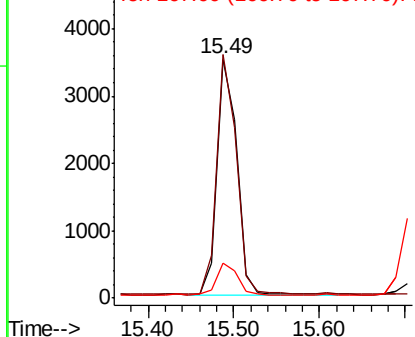


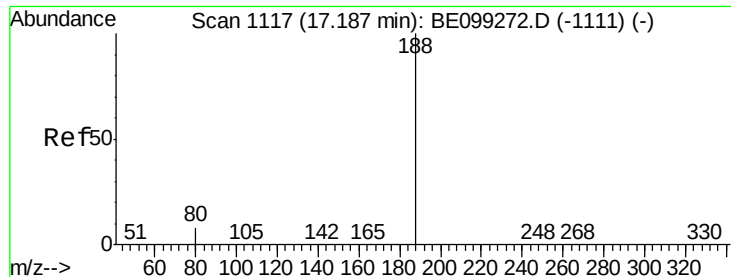
#18
Fluorene
Concen: 0.188 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Tgt Ion:166 Resp: 5631
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 13.7 10.9 16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

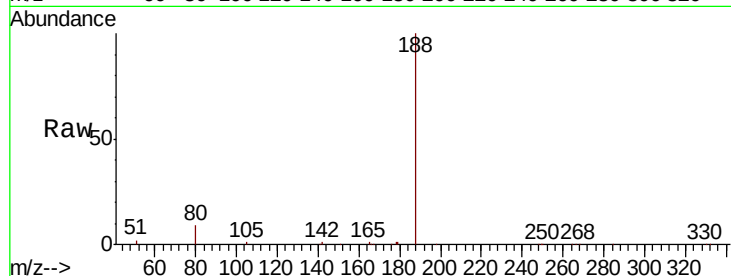
Tgt Ion:188 Resp: 22327

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

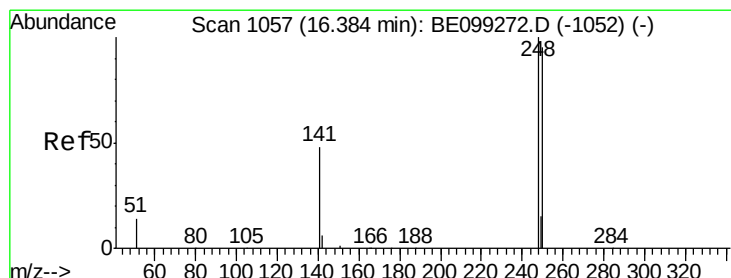
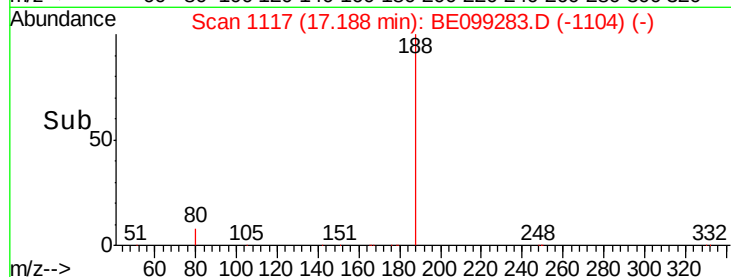
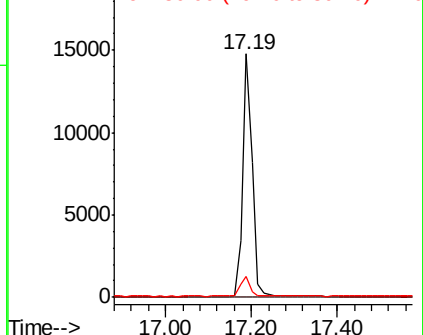
80 8.7 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.190 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

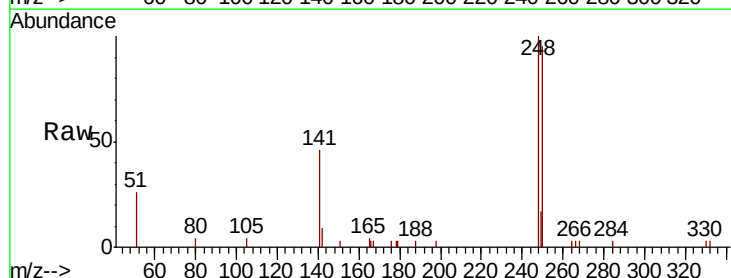
Tgt Ion:248 Resp: 2406

Ion Ratio Lower Upper

248 100

250 94.6 84.2 126.2

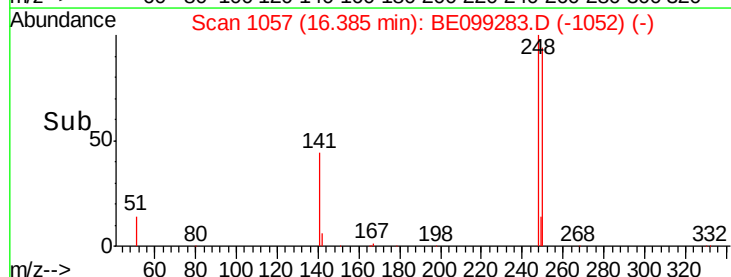
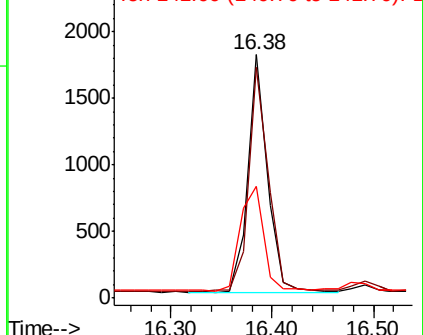
141 45.9 21.8 32.6#

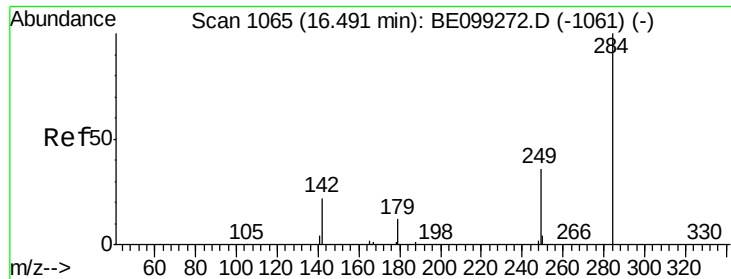


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.197 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

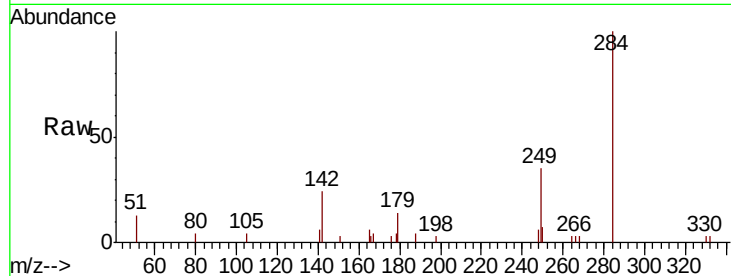
Tgt Ion:284 Resp: 2372

Ion Ratio Lower Upper

284 100

142 27.8 22.7 34.1

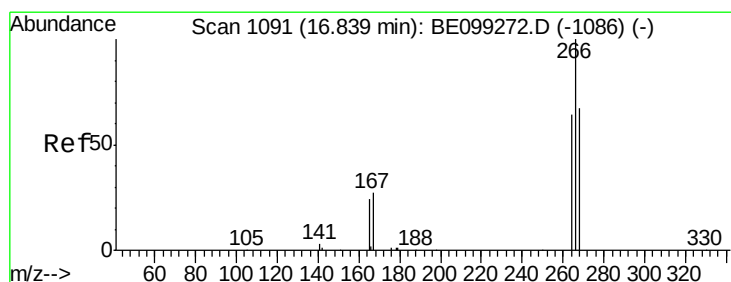
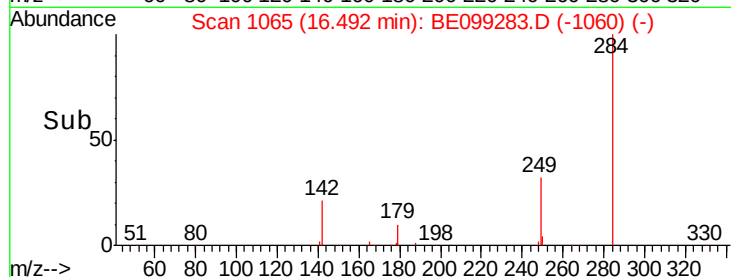
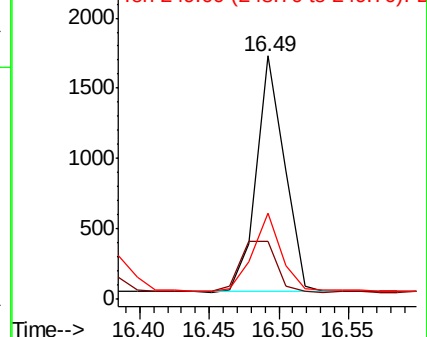
249 33.5 26.9 40.3



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: 0.129 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

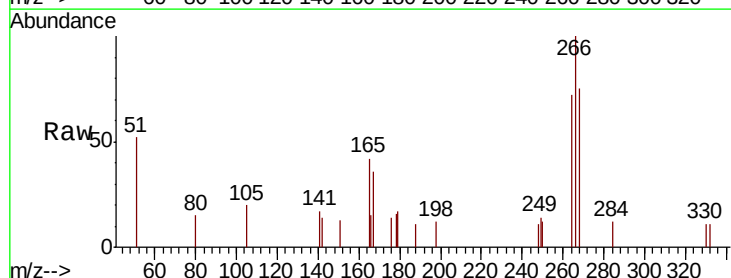
Tgt Ion:266 Resp: 644

Ion Ratio Lower Upper

266 100

264 72.0 54.4 81.6

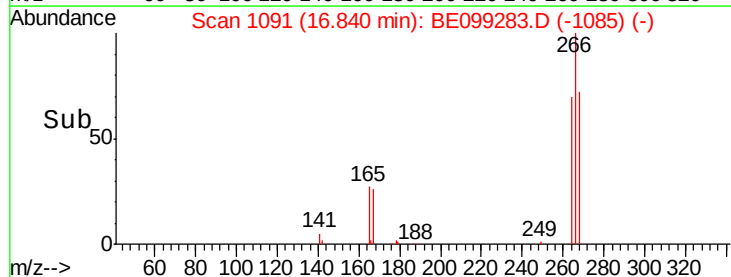
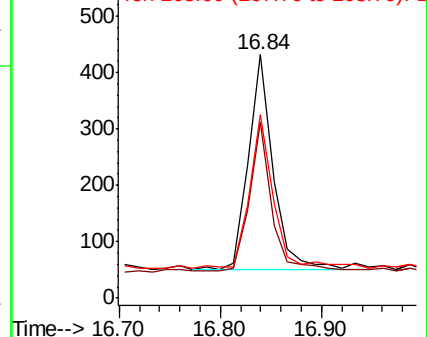
268 75.5 61.3 91.9

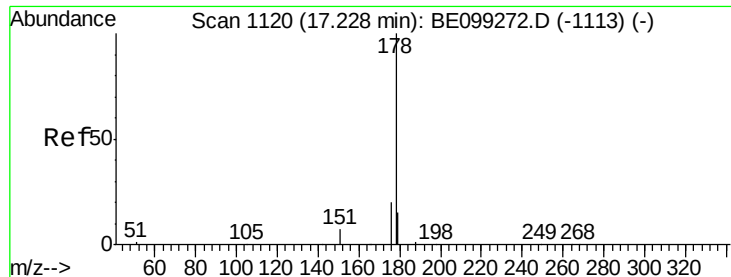


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.195 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

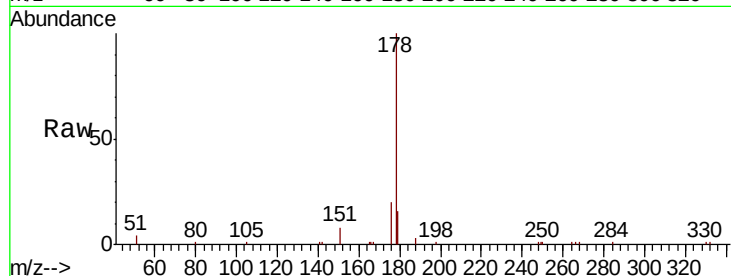
Tgt Ion:178 Resp: 11297

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

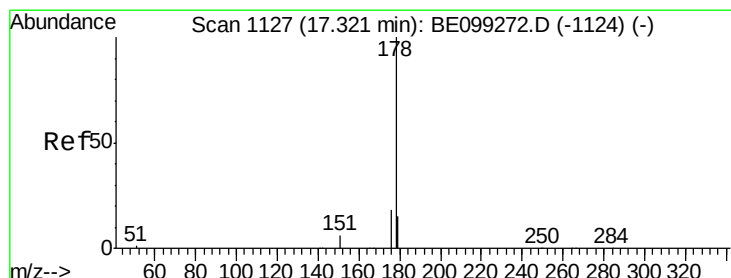
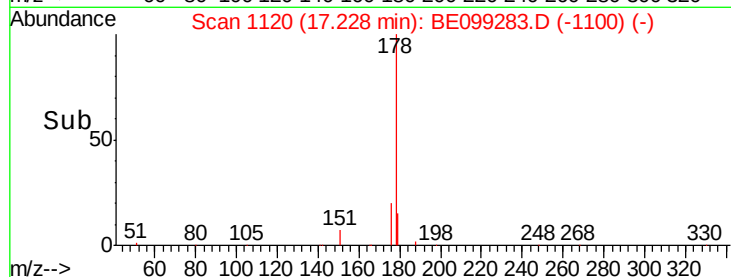
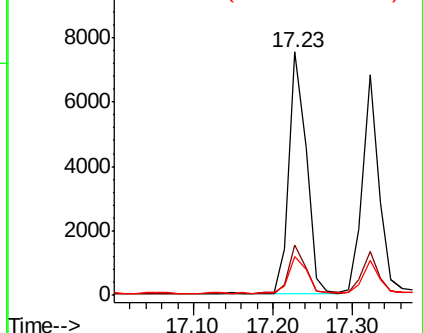
179 16.0 12.3 18.5



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: 0.178 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

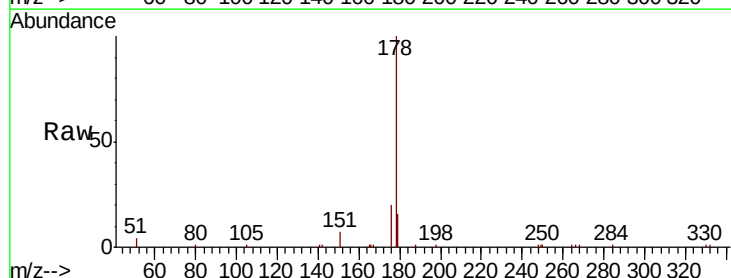
Tgt Ion:178 Resp: 9711

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

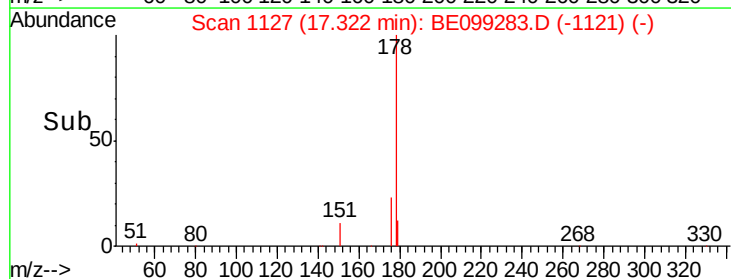
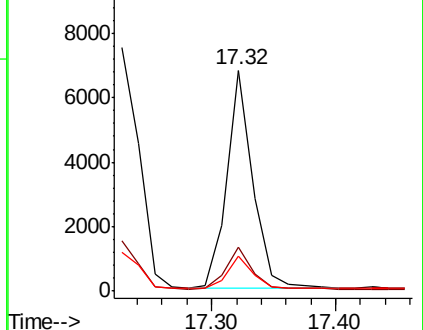
179 15.2 12.4 18.6

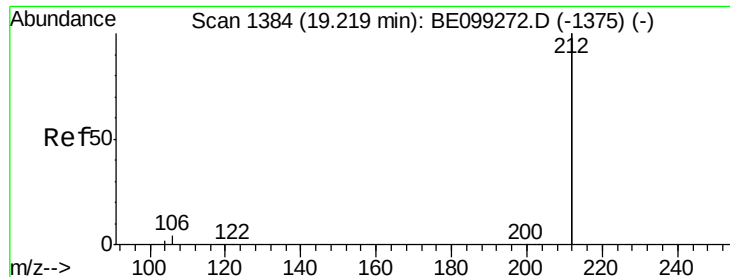


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

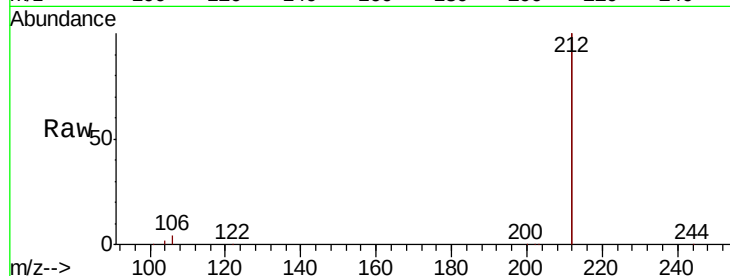
Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

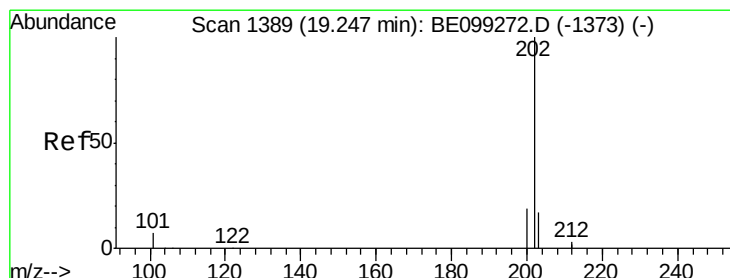
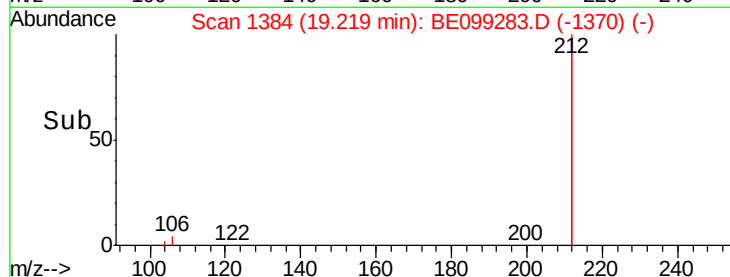
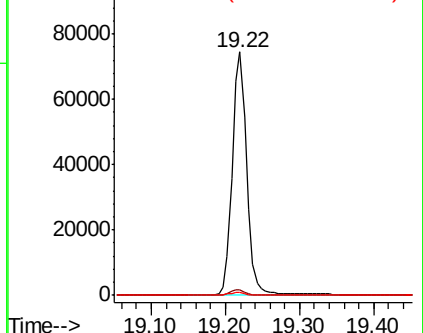
Tgt Ion:	212	Resp:	100407
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7



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: 0.188 ng

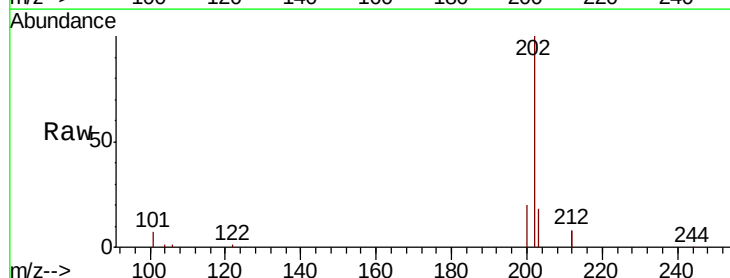
RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

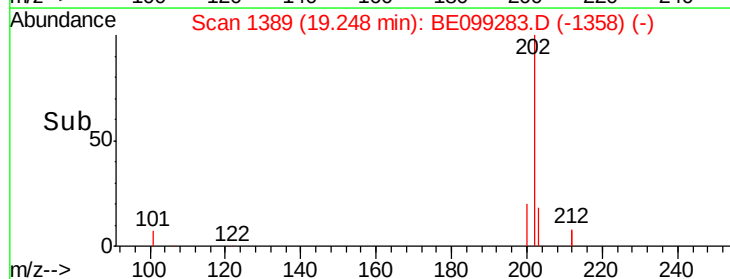
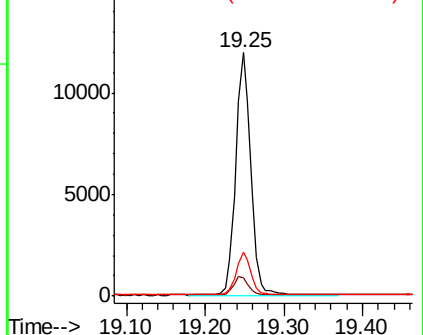
Tgt Ion:	202	Resp:	16060
Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	16.8	13.8	20.6

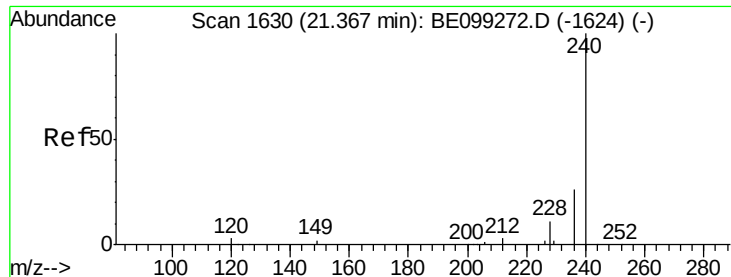


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1629

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

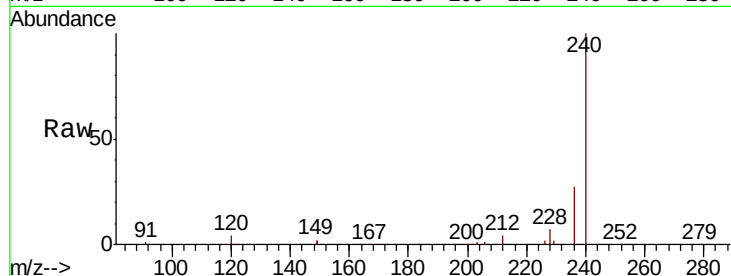
Tgt Ion:240 Resp: 32188

Ion Ratio Lower Upper

240 100

120 3.7 2.6 3.8

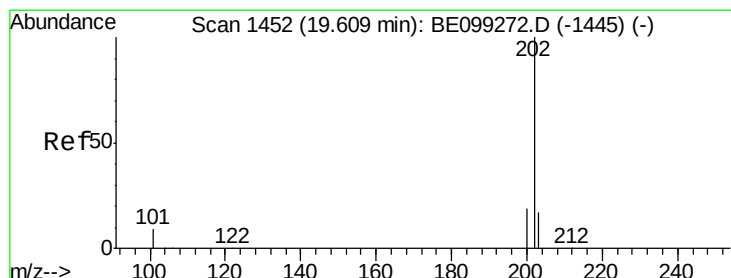
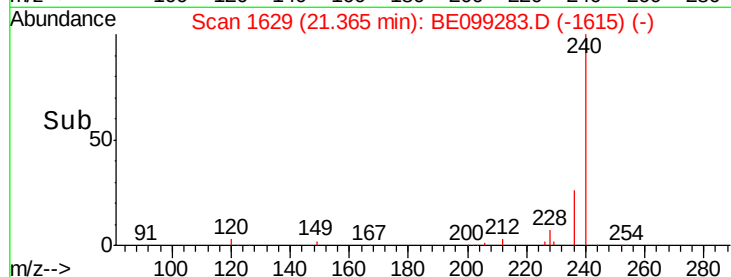
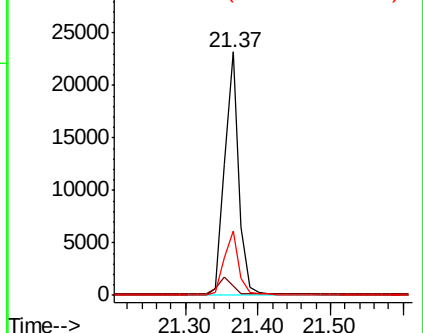
236 26.6 20.9 31.3



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: 0.193 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

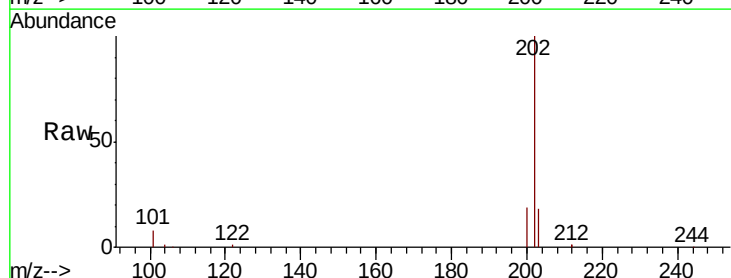
Tgt Ion:202 Resp: 16414

Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.8

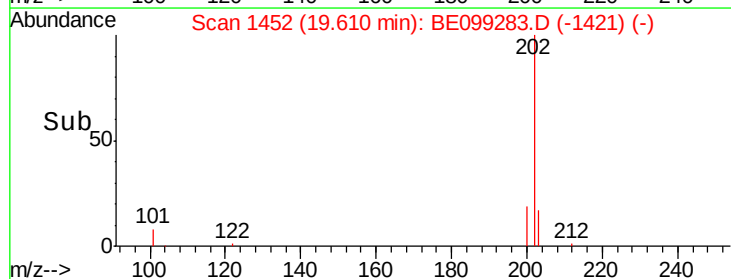
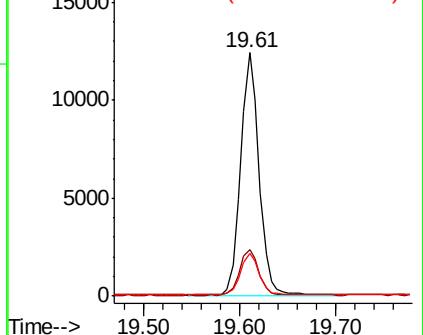
203 17.6 14.1 21.1

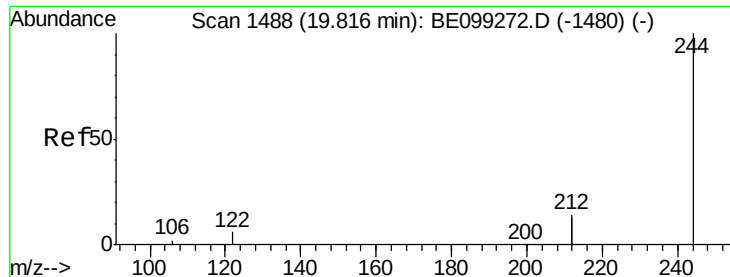


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

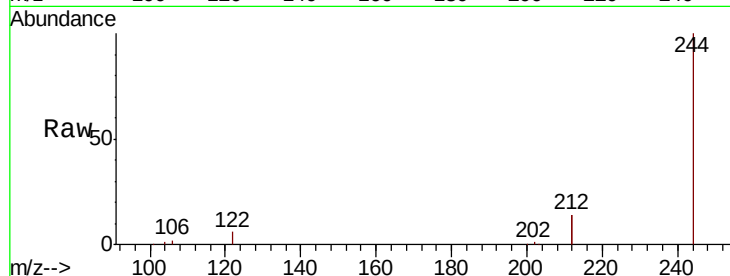
Tgt Ion:244 Resp: 22849

Ion Ratio Lower Upper

244 100

212 28.6 22.7 34.1

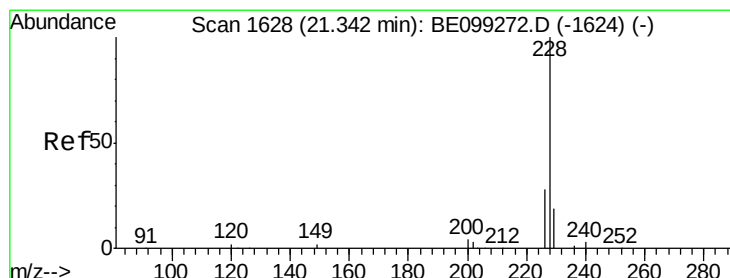
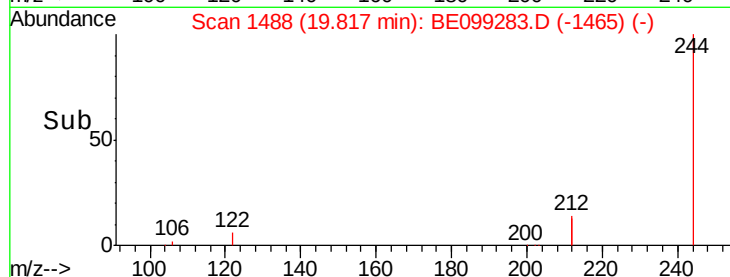
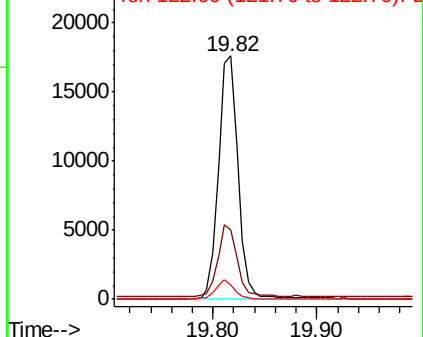
122 5.9 5.8 8.6



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: 0.185 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

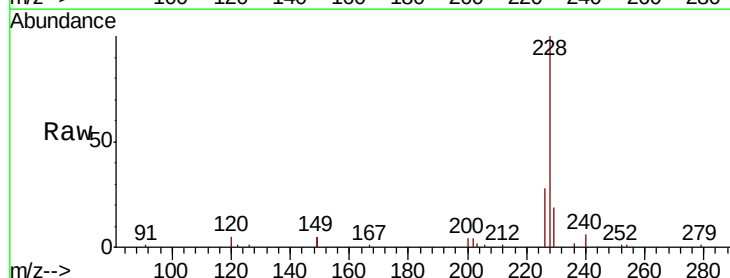
Tgt Ion:228 Resp: 18753

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

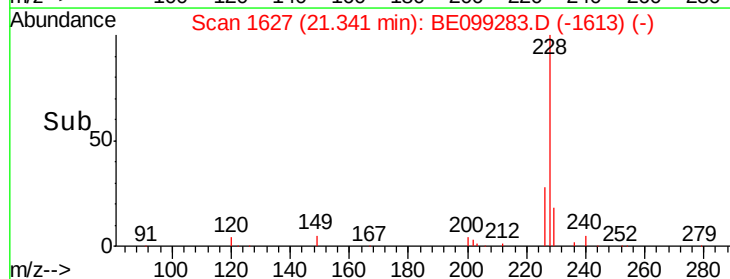
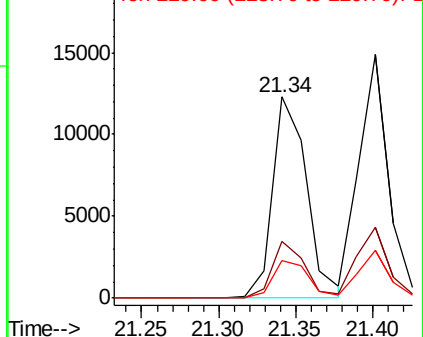
229 18.8 15.9 23.9

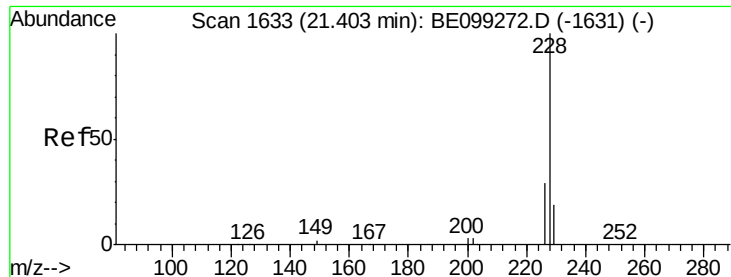


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.198 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

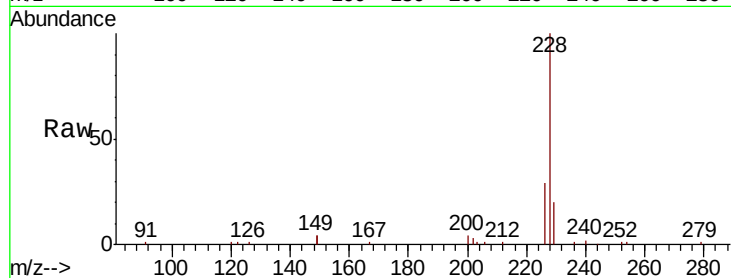
Tgt Ion: 228 Resp: 19682

Ion Ratio Lower Upper

228 100

226 29.0 24.8 37.2

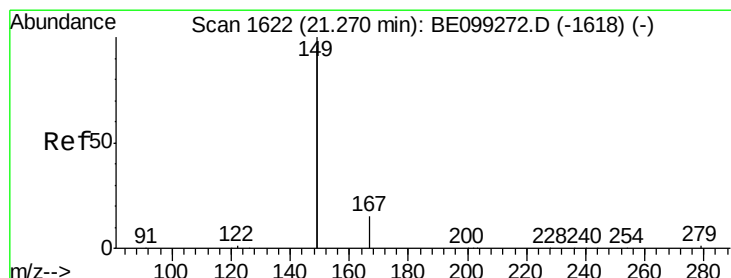
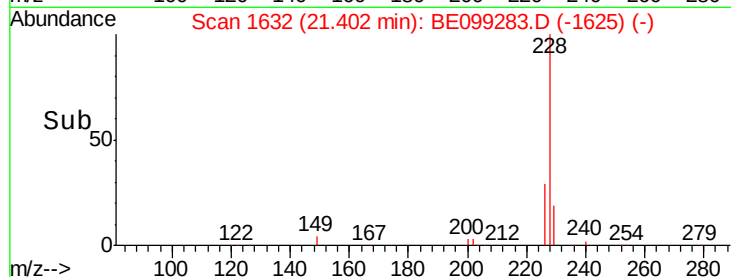
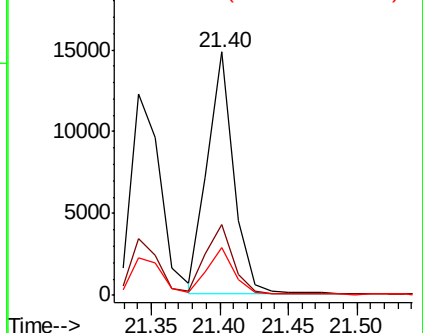
229 19.5 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

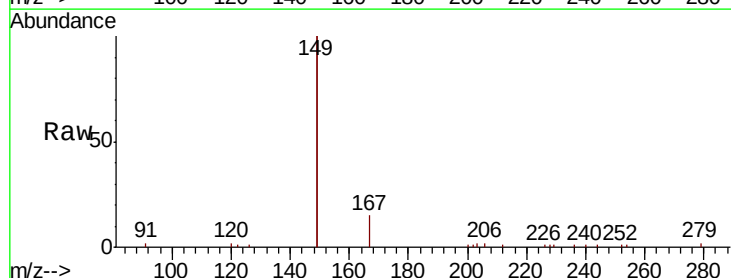
Tgt Ion: 149 Resp: 16284

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

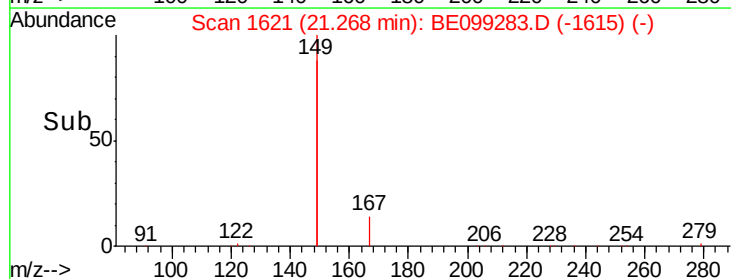
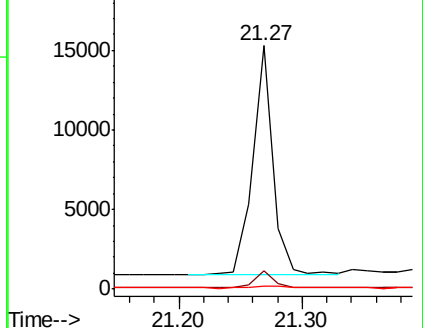
279 1.3 1.0 1.6

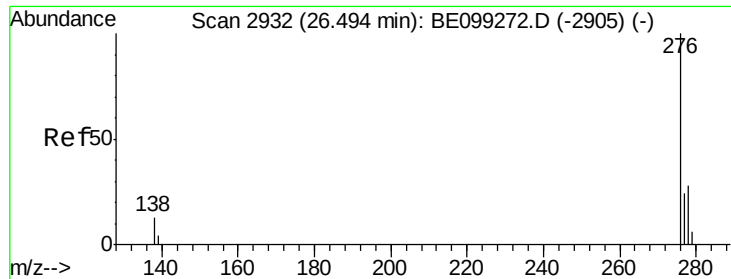


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.189 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.06 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

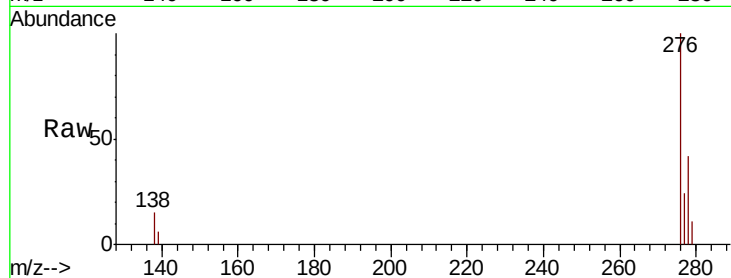
Tgt Ion:276 Resp: 21486

Ion Ratio Lower Upper

276 100

138 15.2 12.9 19.3

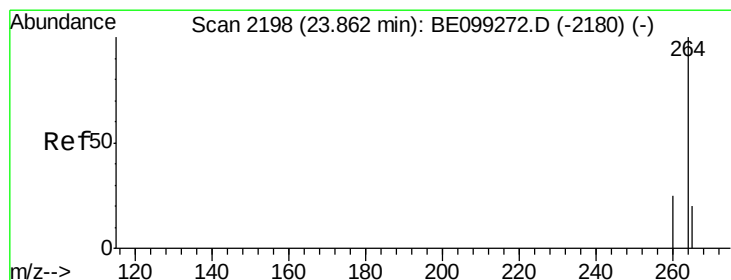
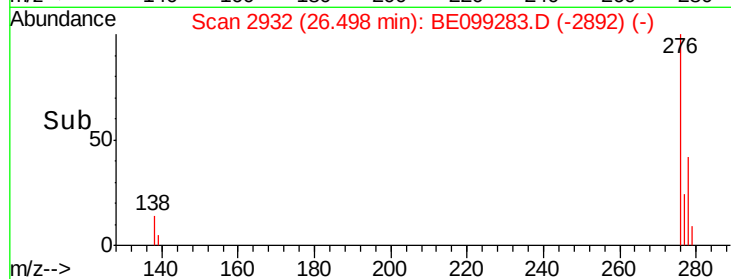
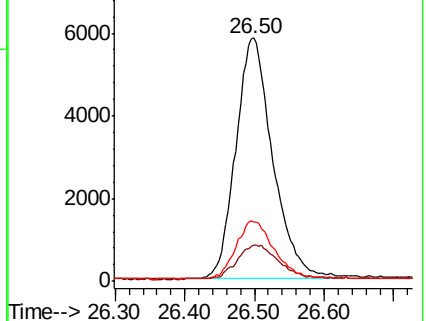
277 24.7 18.3 27.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

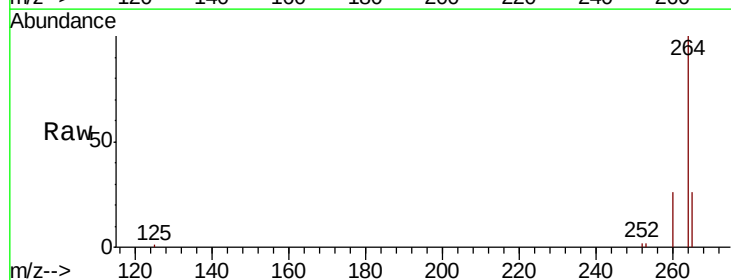
Tgt Ion:264 Resp: 33562

Ion Ratio Lower Upper

264 100

260 25.9 18.2 27.2

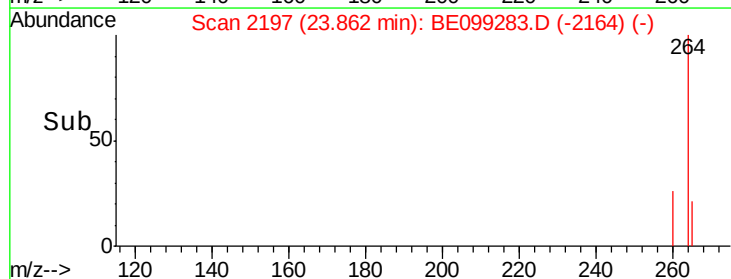
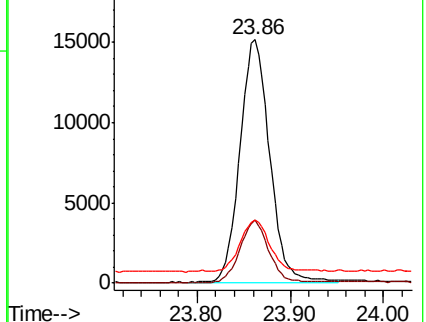
265 26.1 21.8 32.8

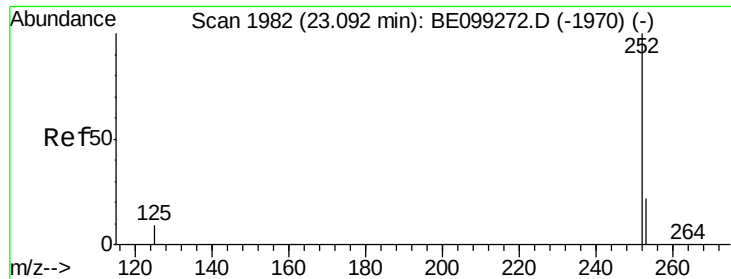


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

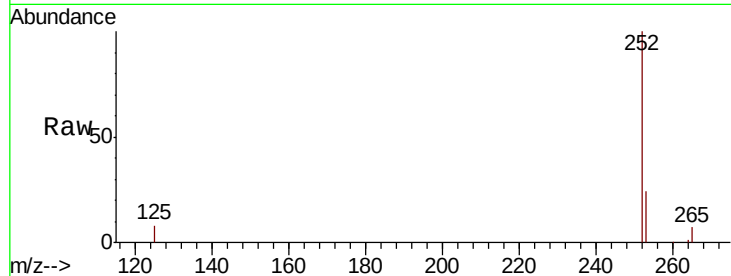




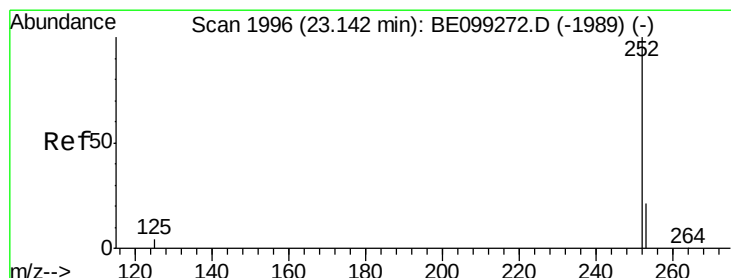
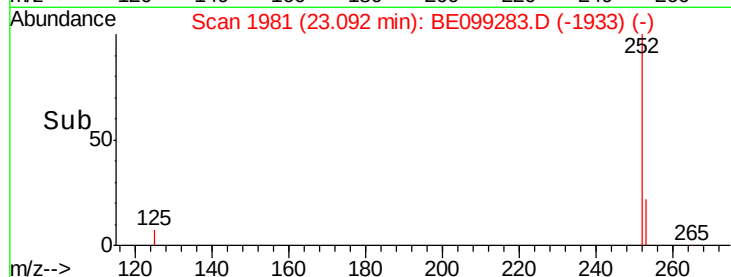
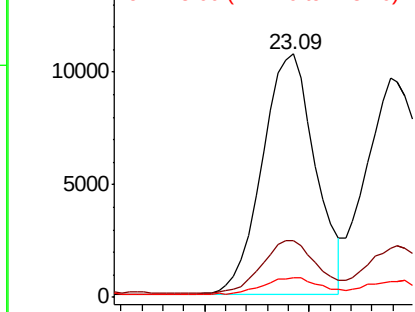
#35
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:252 Resp: 18904
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 8.2 6.1 9.1

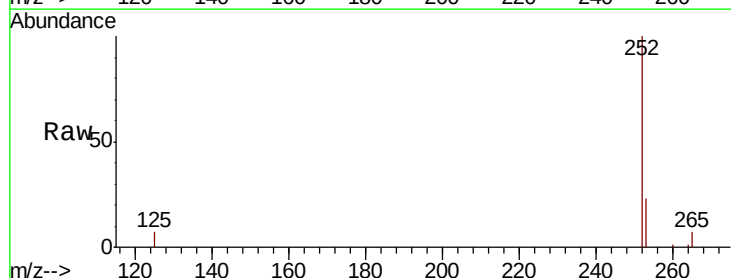


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

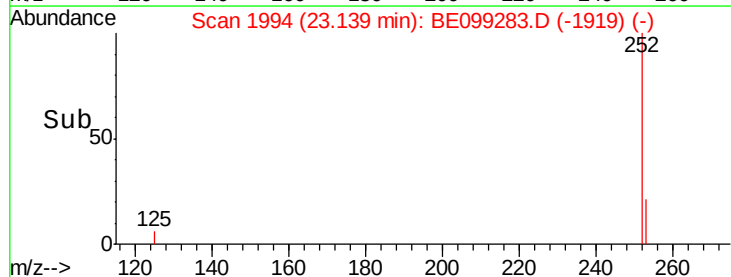
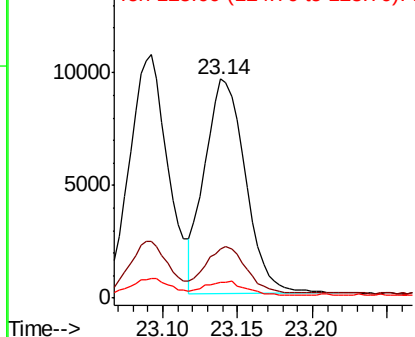


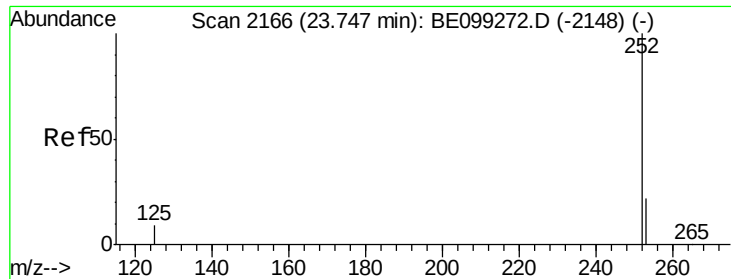
#36
Benzo(k)fluoranthene
Concen: 0.186 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BE099283.D
Acq: 2 Apr 2019 20:43

Tgt Ion:252 Resp: 18116
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 7.4 5.9 8.9



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: 0.183 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.03 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019

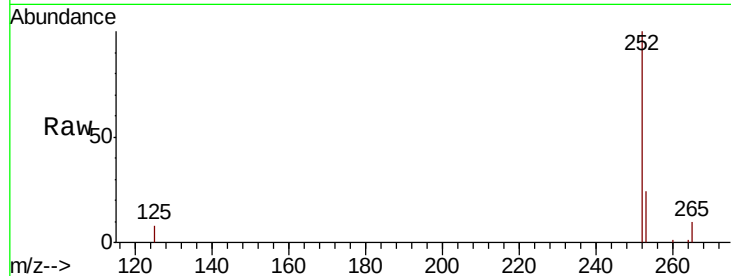
Tgt Ion:252 Resp: 17239

Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

125 8.5 6.8 10.2

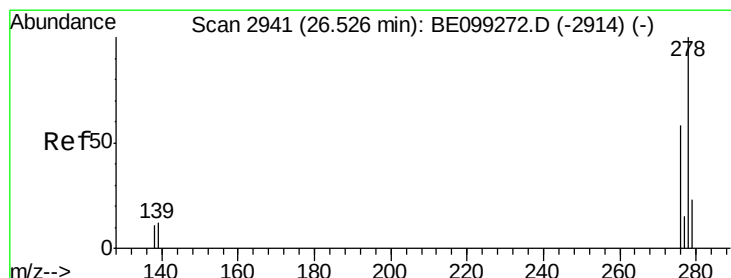
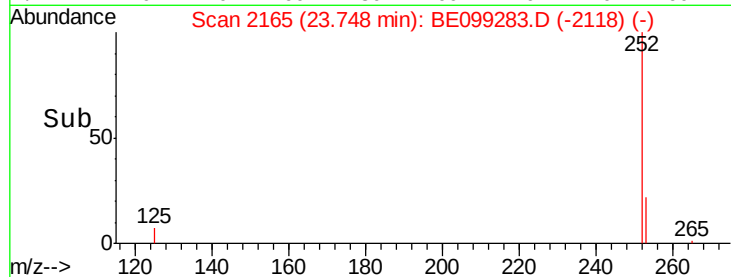
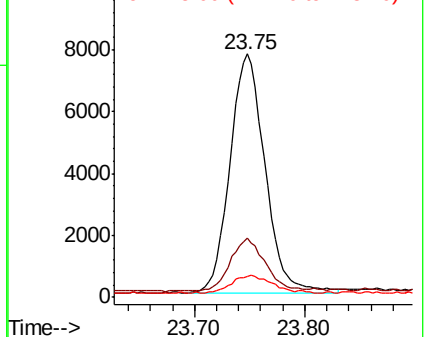


Abundance

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: 0.190 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.06 min

Lab File: BE099283.D

Acq: 2 Apr 2019 20:43

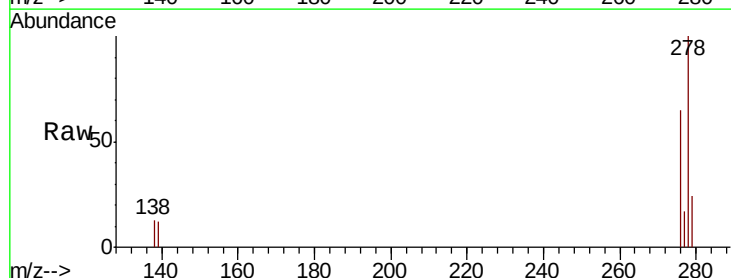
Tgt Ion:278 Resp: 17781

Ion Ratio Lower Upper

278 100

139 12.3 9.5 14.3

279 23.8 19.1 28.7

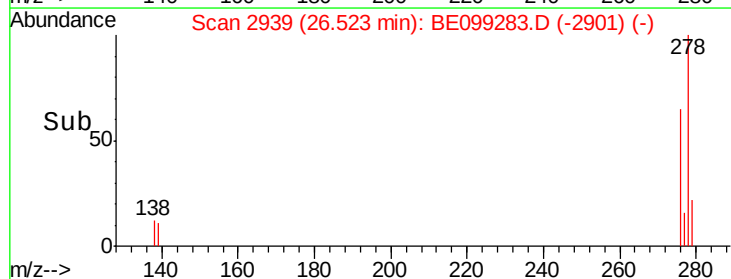
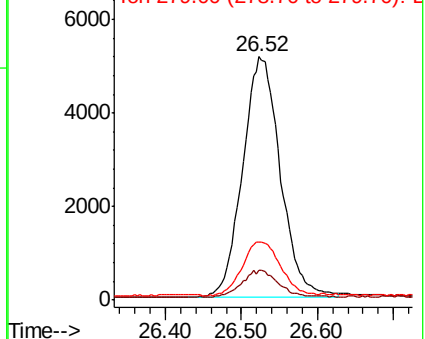


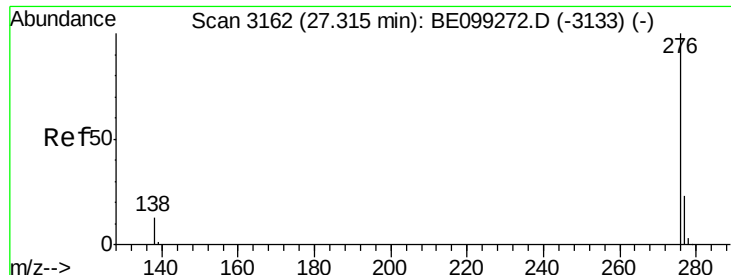
Abundance

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: 0.194 ng

RT: 27.31 min Scan# 3160

Delta R.T. -0.06 min

Lab File: BE099283.D

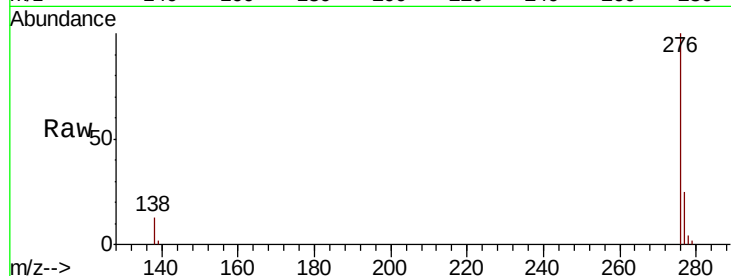
Acq: 2 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT1-2019



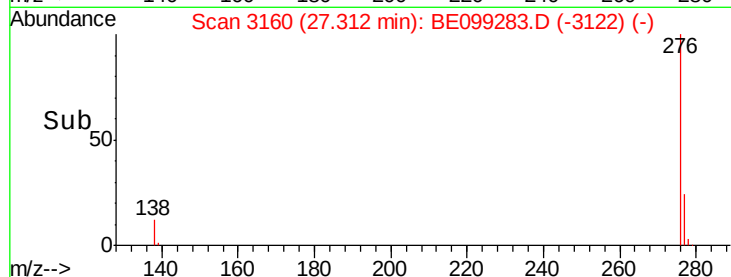
Tgt Ion: 276 Resp: 18116

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 13.0 11.1 16.7



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

