

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099931.D
 Acq On : 11 Jun 2019 19:21
 Operator : JU/SJ
 Sample : K2241-07
 Misc : LOD-WATER-0.1PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 12 03:45:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	643	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2290	0.40	ng	0.00
13) Acenaphthene-d10	14.44	164	2020	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6755	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	7862	0.40	ng	-0.04
34) Perylene-d12	23.87	264	9106	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1522	0.88	ng	0.00
5) Phenol-d6	6.97	99	1893	0.85	ng	0.00
8) Nitrobenzene-d5	8.98	82	1316	0.61	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	1604	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	831	0.56	ng	-0.03
15) 2-Fluorobiphenyl	13.09	172	5029	0.66	ng	-0.01
25) Fluoranthene-d10	19.22	212	33691	0.34	ng	-0.03
29) Terphenyl-d14	19.82	244	12930	0.91	ng	-0.03

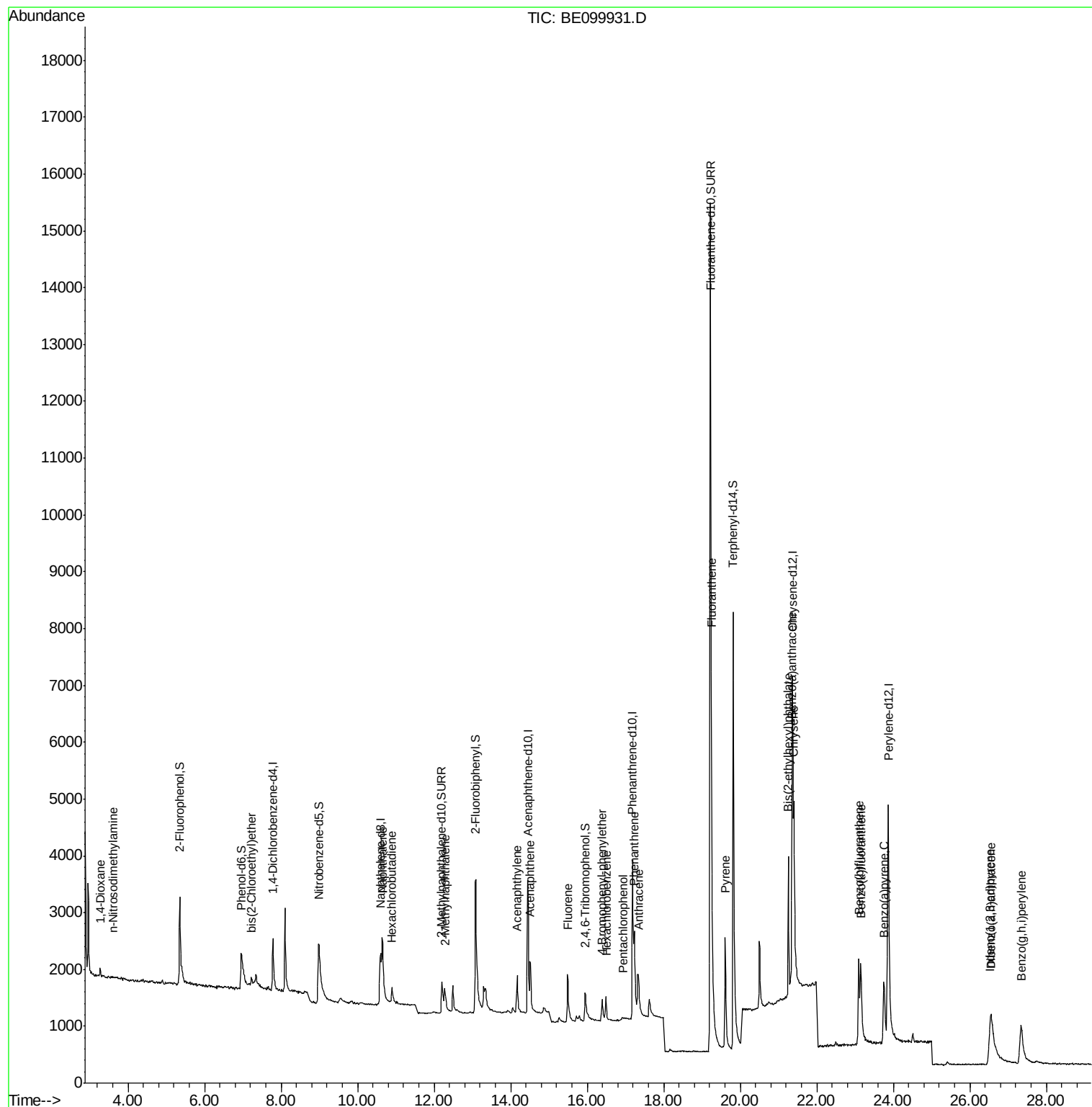
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.27	88	98	0.103	ng	# 81
3) n-Nitrosodimethylamine	3.61	42	26	0.047	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	415	0.227	ng	# 9
9) Naphthalene	10.64	128	3090	0.125	ng	# 90
10) Hexachlorobutadiene	10.90	225	237	0.126	ng	99
12) 2-Methylnaphthalene	12.28	142	492	0.123	ng	95
16) Acenaphthylene	14.17	152	1109	0.110	ng	97
17) Acenaphthene	14.52	154	584	0.107	ng	98
18) Fluorene	15.49	166	930	0.113	ng	95
20) 4-Bromophenyl-phenylether	16.38	248	414	0.108	ng	# 87
21) Hexachlorobenzene	16.49	284	475	0.121	ng	98
22) Pentachlorophenol	16.93	266	93	0.349	ng	91
23) Phenanthrene	17.23	178	1760	0.107	ng	99
24) Anthracene	17.34	178	1292	0.086	ng	98
26) Fluoranthene	19.25	202	2931	0.105	ng	100
28) Pyrene	19.61	202	2912	0.141	ng	100
30) Benzo(a)anthracene	21.35	228	2405	0.102	ng	95
31) Chrysene	21.40	228	3130	0.129	ng	96
32) Bis(2-ethylhexyl)phthalate	21.26	149	3539	0.105	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.53	276	2799	0.097	ng	# 84
35) Benzo(b)fluoranthene	23.10	252	2779	0.109	ng	# 83
36) Benzo(k)fluoranthene	23.15	252	3230	0.121	ng	# 85
37) Benzo(a)pyrene	23.75	252	2965	0.118	ng	# 73
38) Dibenzo(a,h)anthracene	26.56	278	705	0.028	ng	# 65
39) Benzo(g,h,i)perylene	27.33	276	2861	0.109	ng	# 86

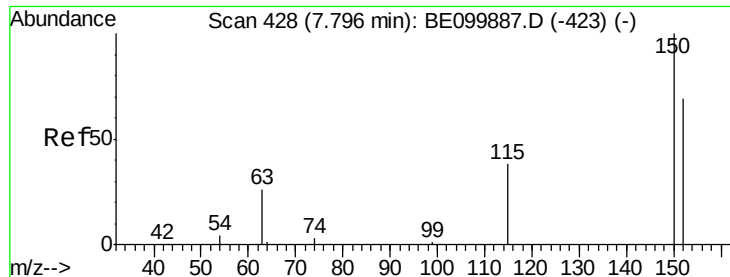
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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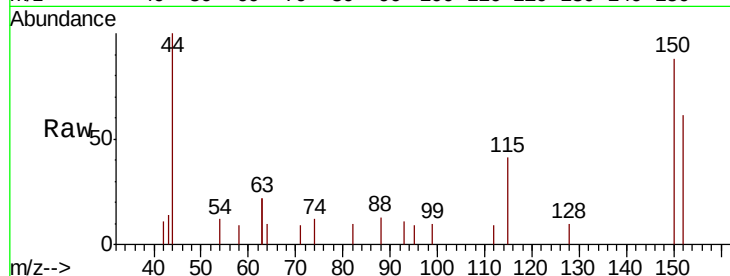


#1

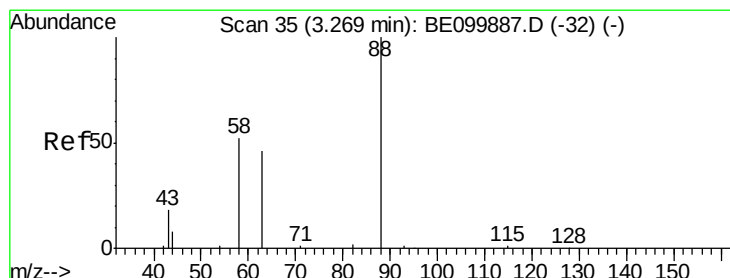
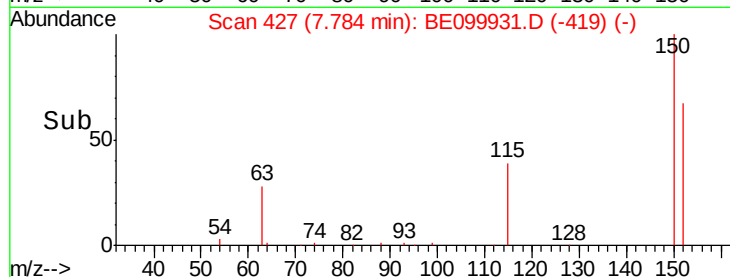
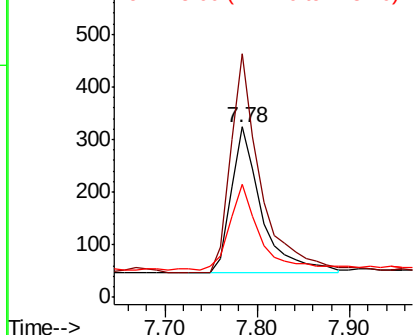
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

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

Tgt Ion: 152 Resp: 643
Ion Ratio Lower Upper
152 100
150 142.9 111.0 166.6
115 66.0 50.7 76.1



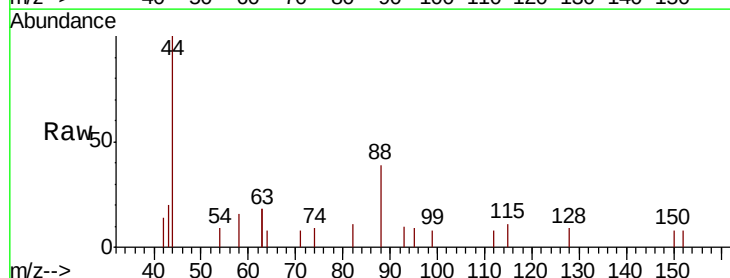
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



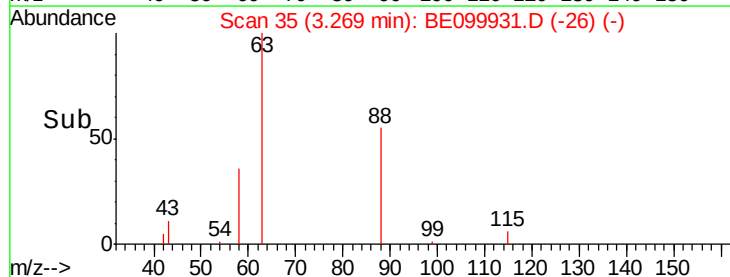
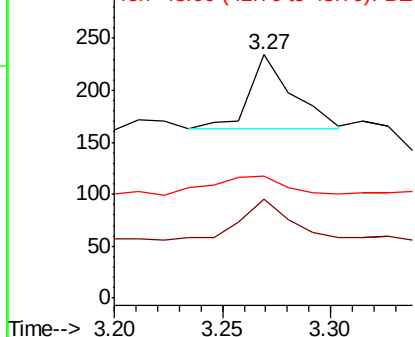
#2

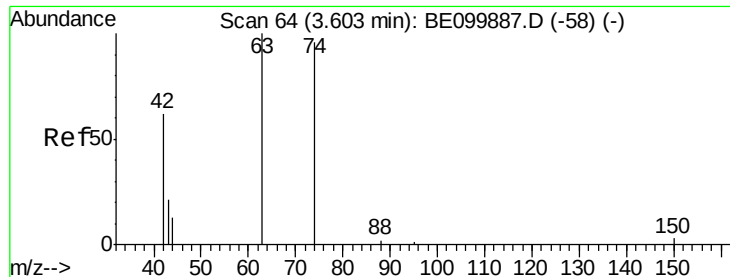
1,4-Dioxane
Concen: 0.103 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
58 70.4 48.8 73.2
43 40.8 19.0 28.6#



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: 0.047 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

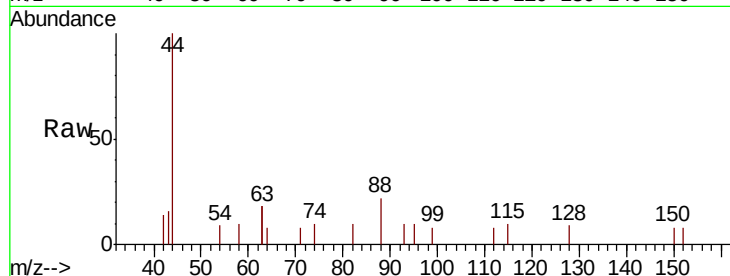
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0

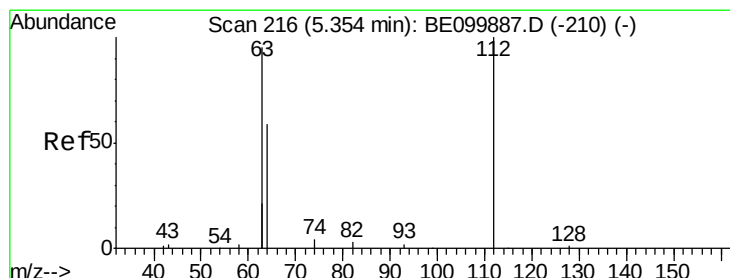
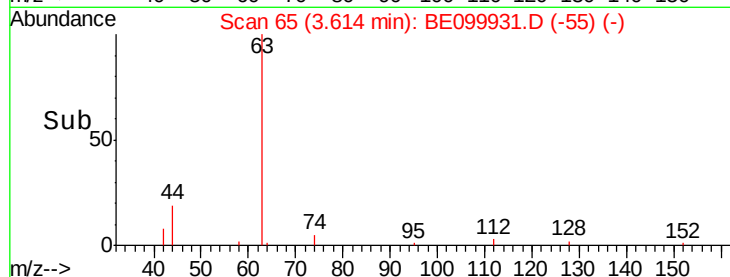
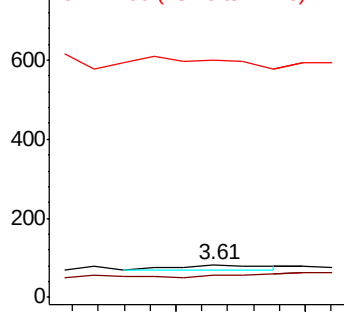


Abundance

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: 0.877 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

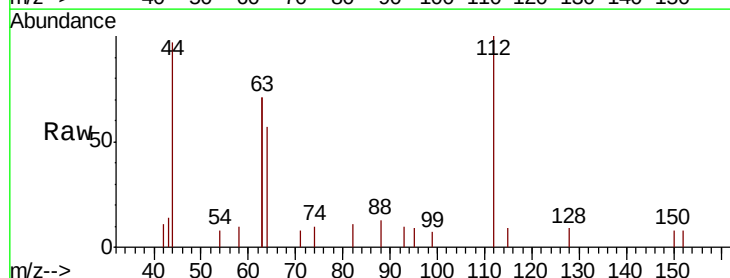
Tgt Ion: 112 Resp: 1522

Ion Ratio Lower Upper

112 100

64 52.2 44.1 66.1

63 119.5 87.8 131.6

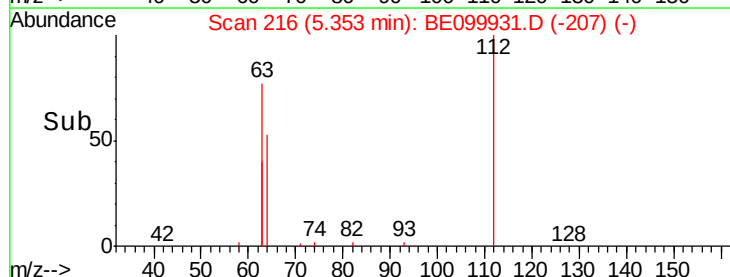
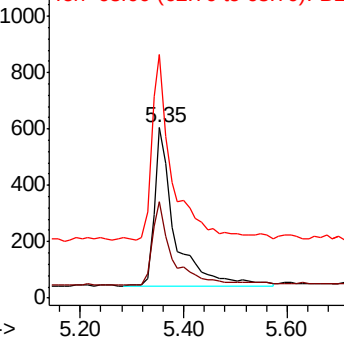


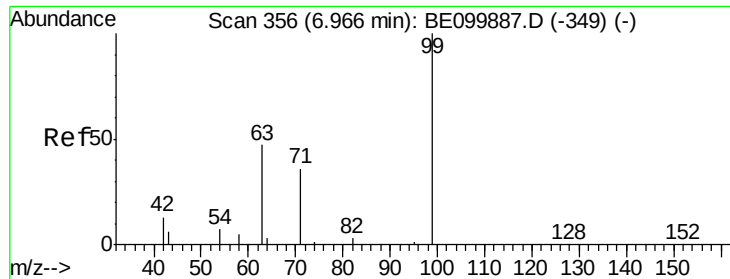
Abundance

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: 0.847 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

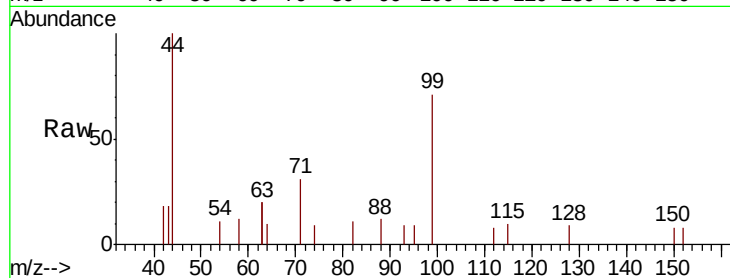
Tgt Ion: 99 Resp: 1893

Ion Ratio Lower Upper

99 100

42 11.4 15.9 23.9#

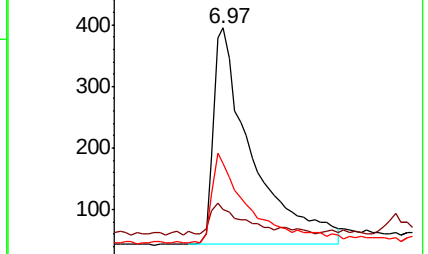
71 39.8 34.6 52.0



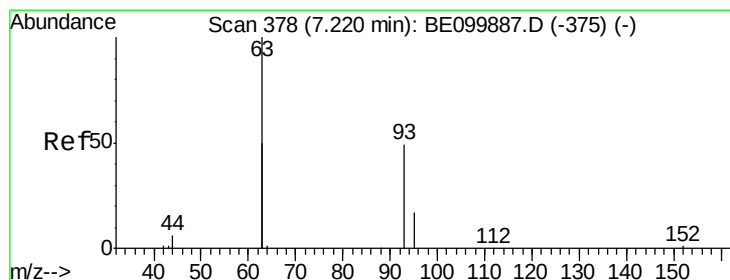
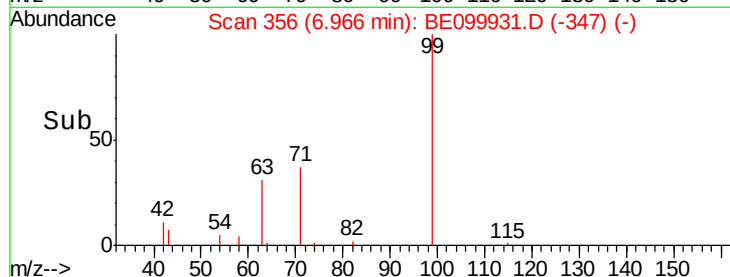
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.227 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

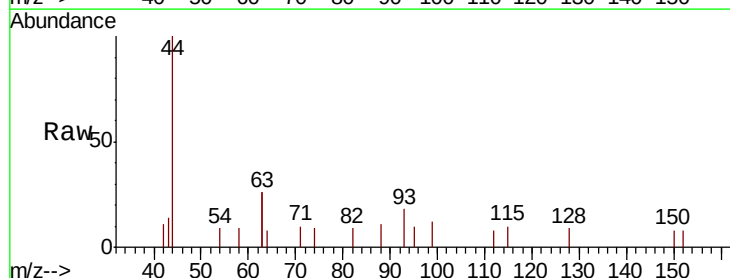
Tgt Ion: 93 Resp: 415

Ion Ratio Lower Upper

93 100

63 80.5 202.8 304.2#

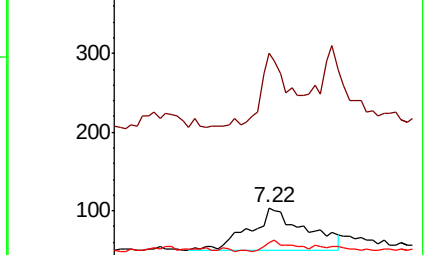
95 12.5 23.7 35.5#



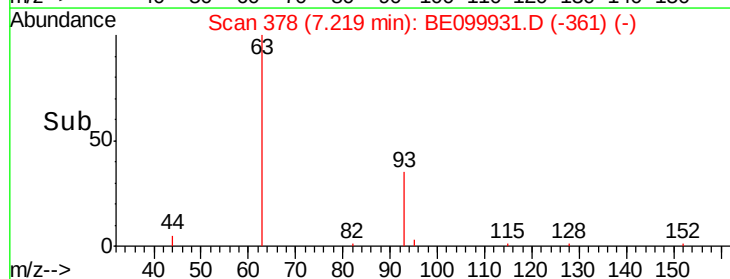
Abundance Ion 93.00 (92.70 to 93.70): BE0

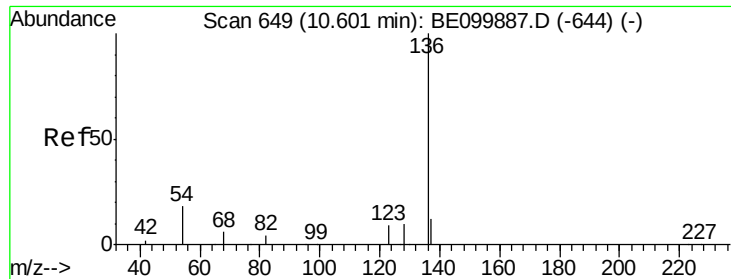
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 136 Resp: 2290

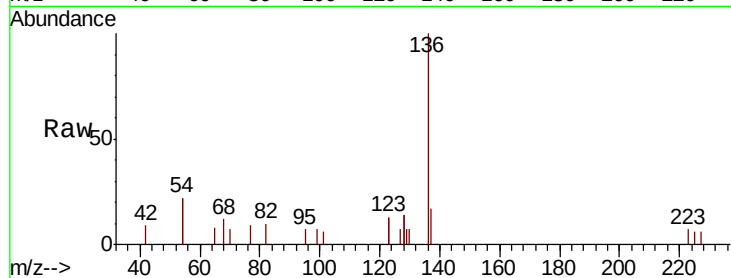
Ion Ratio Lower Upper

136 100

137 16.7 12.3 18.5

54 44.6 28.2 42.4#

68 12.0 7.8 11.8#

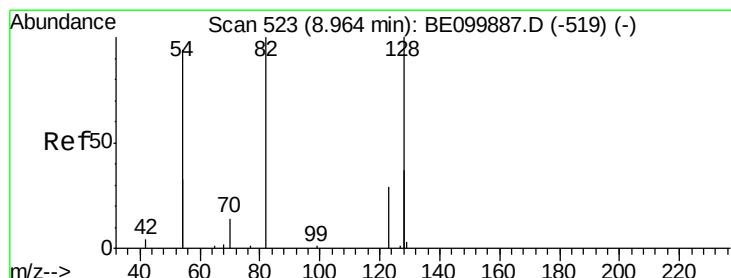
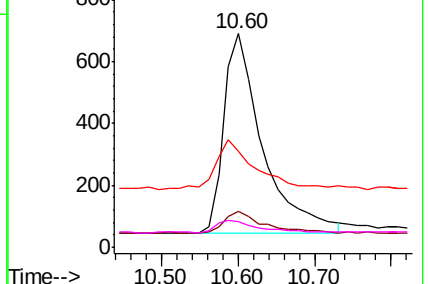
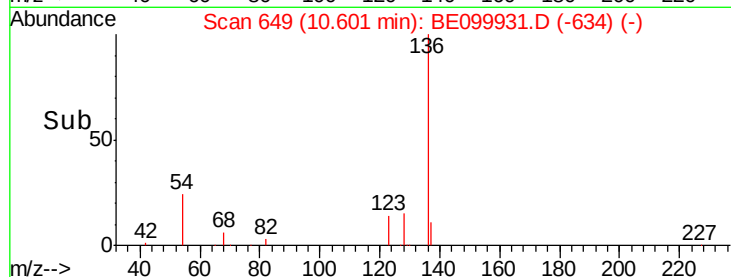


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.607 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

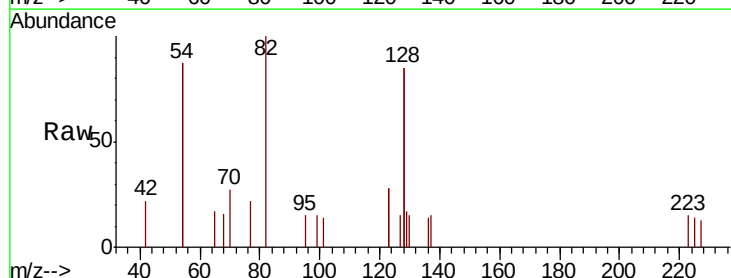
Tgt Ion: 82 Resp: 1316

Ion Ratio Lower Upper

82 100

128 170.1 137.3 205.9

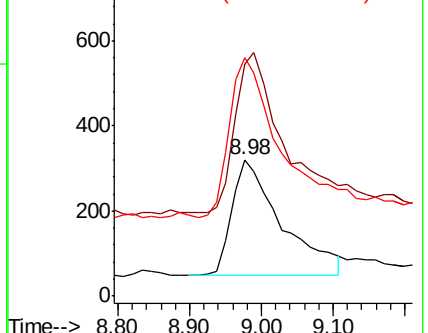
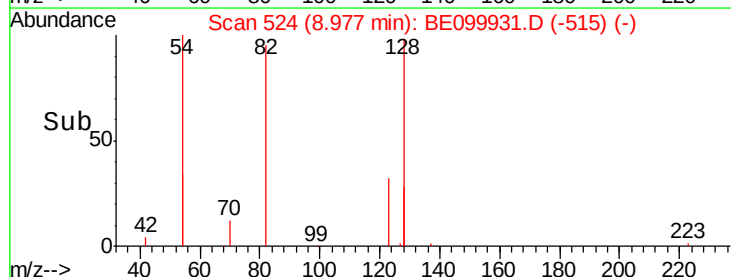
54 174.5 129.7 194.5

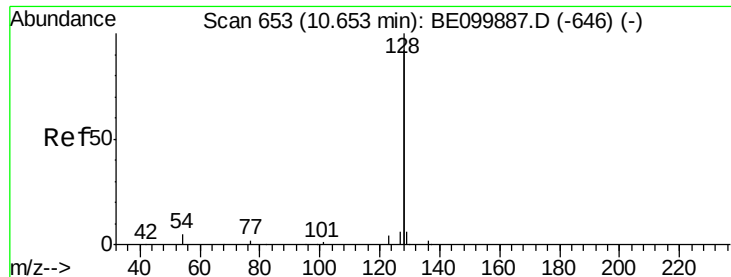


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.125 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099931.D

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ClientSampleId :

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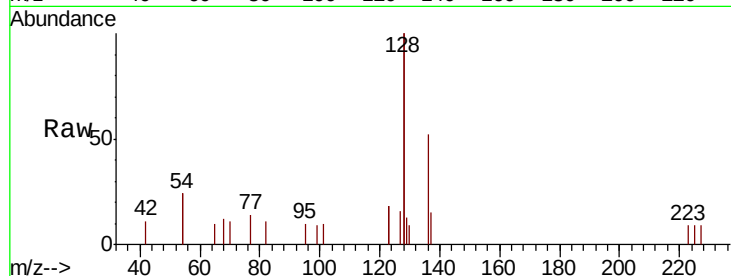
Tgt Ion:128 Resp: 3090

Ion Ratio Lower Upper

128 100

129 6.7 3.0 4.6#

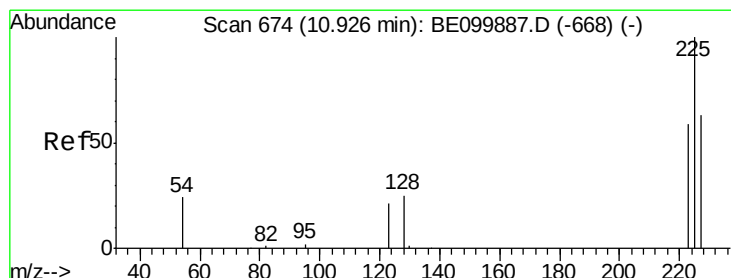
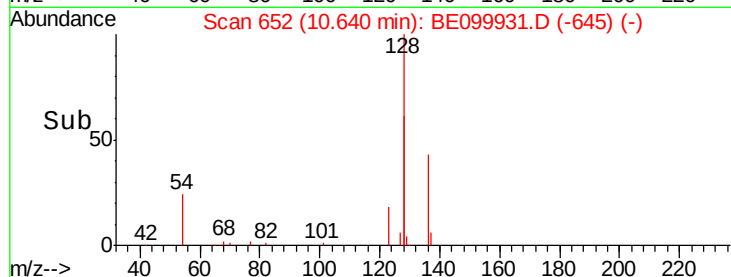
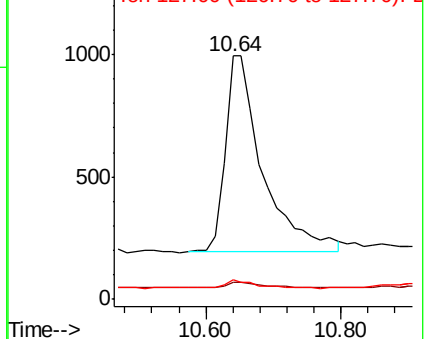
127 7.9 3.4 5.0#



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: 0.126 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

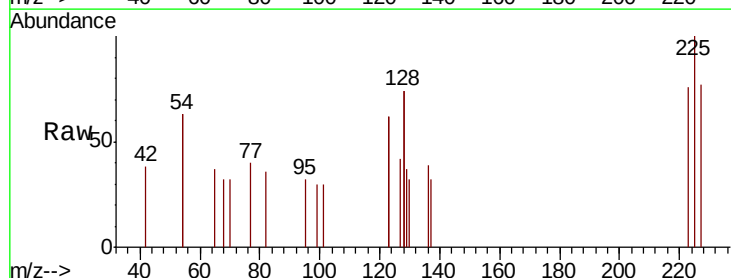
Tgt Ion:225 Resp: 237

Ion Ratio Lower Upper

225 100

223 64.6 51.6 77.4

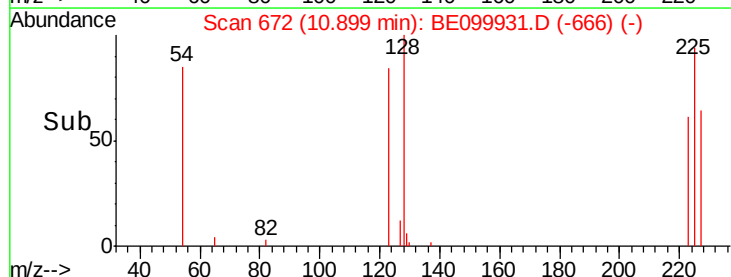
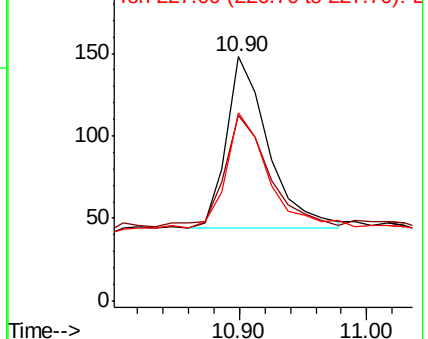
227 65.4 50.6 76.0

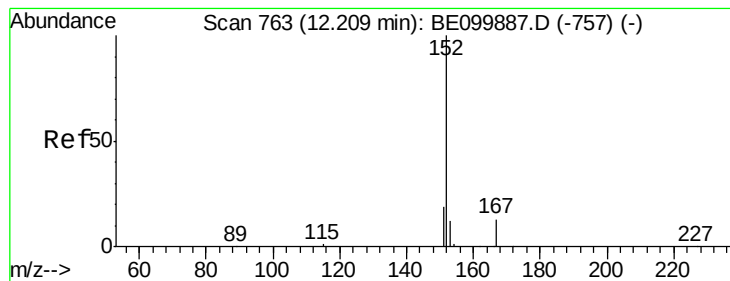


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

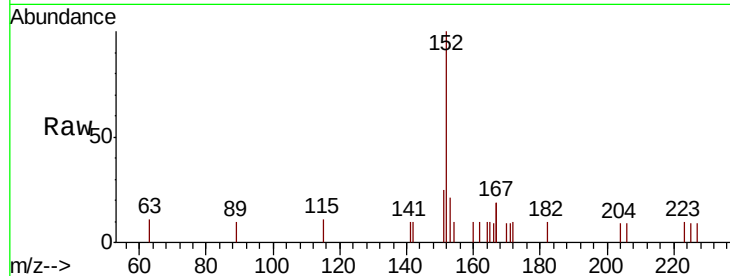
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:152 Resp: 1604

Ion Ratio Lower Upper

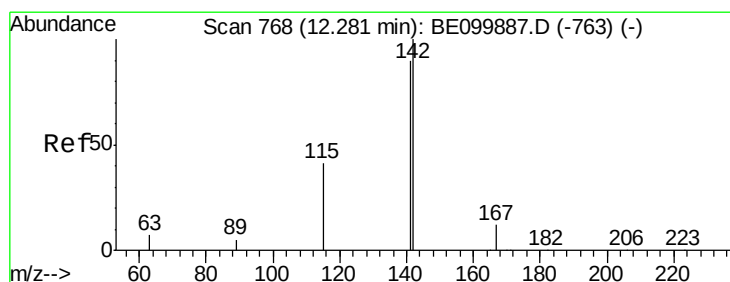
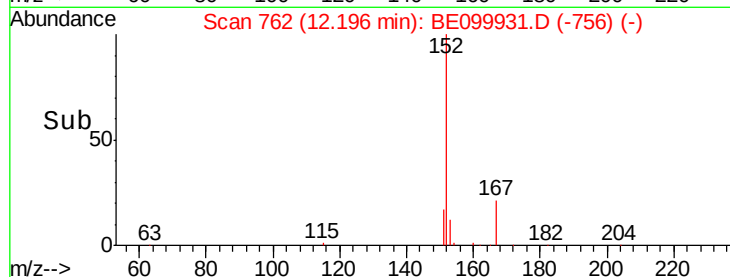
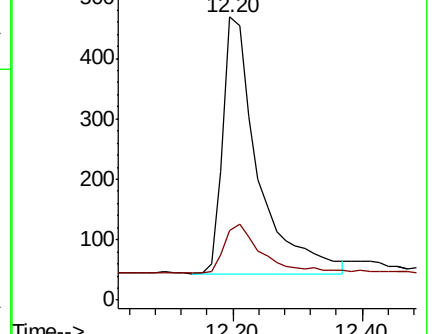
152 100

151 20.6 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.123 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

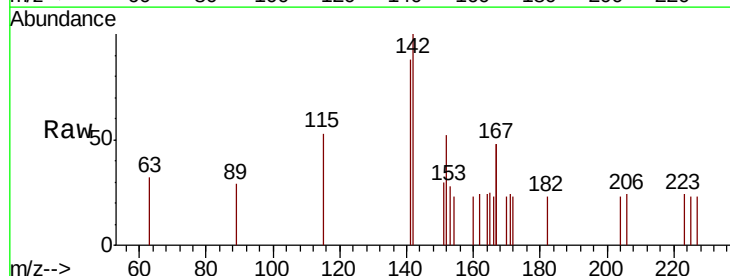
Tgt Ion:142 Resp: 492

Ion Ratio Lower Upper

142 100

141 88.5 72.3 108.5

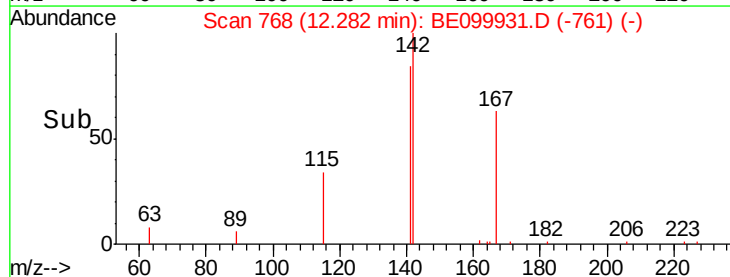
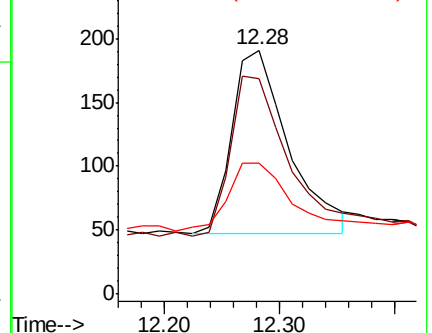
115 53.4 36.4 54.6

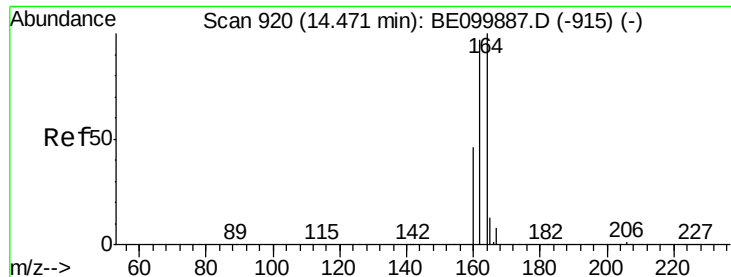


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

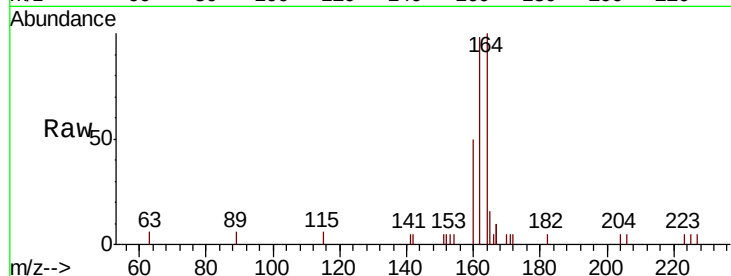




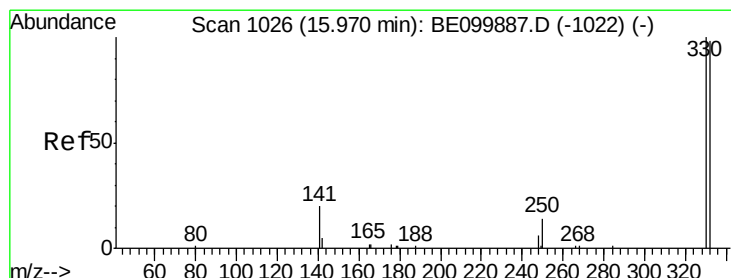
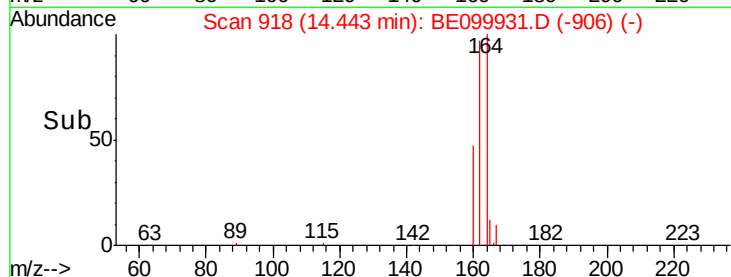
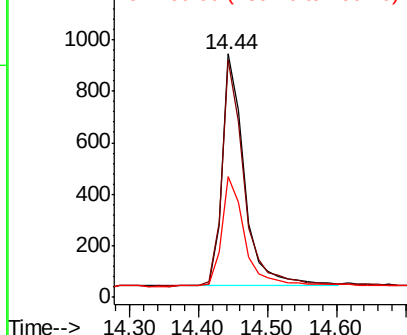
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099931.D
 Acq: 11 Jun 2019 19:21

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

Tgt Ion:164 Resp: 2020
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.8 116.8
 160 49.6 38.2 57.4

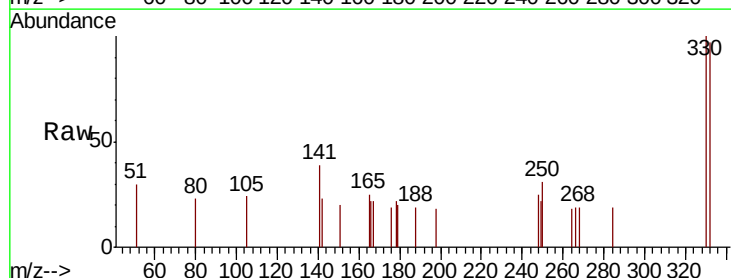


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

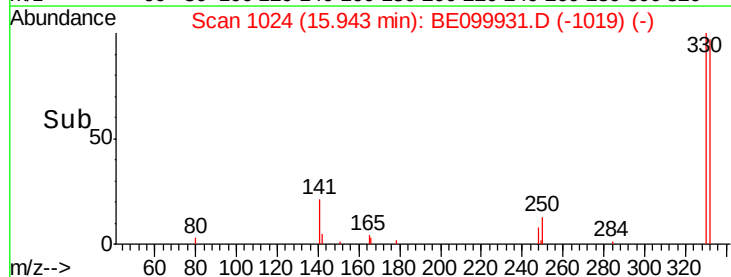
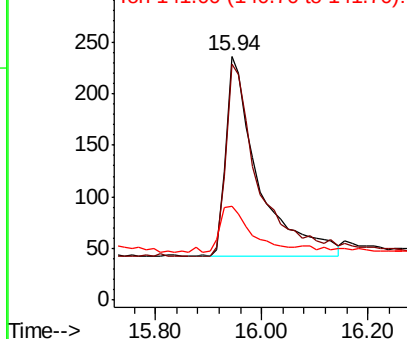


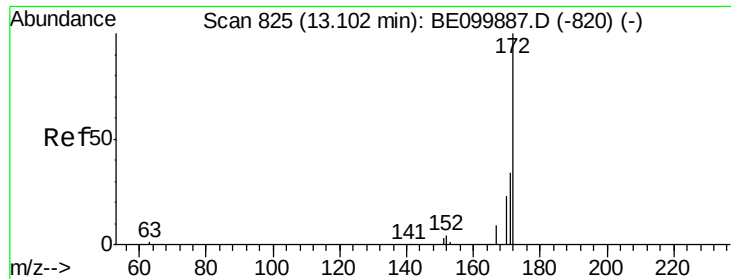
#14
 2,4,6-Tribromophenol
 Concen: 0.557 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099931.D
 Acq: 11 Jun 2019 19:21

Tgt Ion:330 Resp: 831
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.7 115.1
 141 22.9 21.0 31.6



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

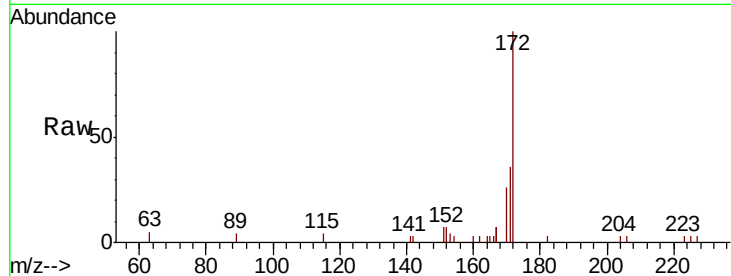




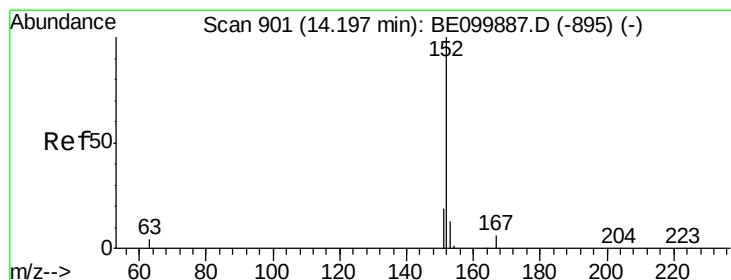
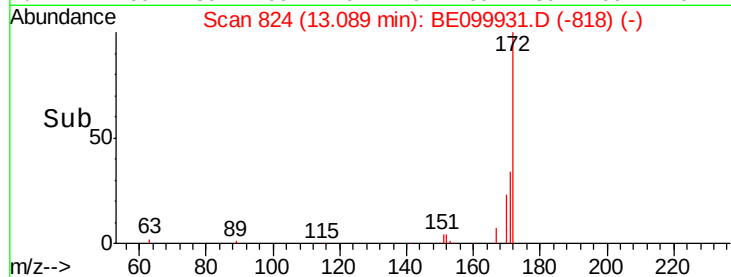
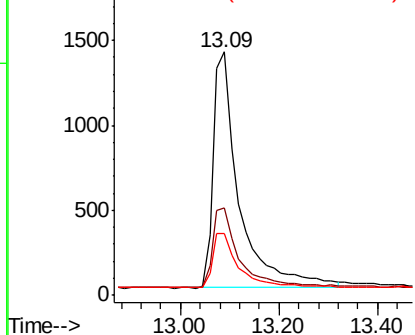
#15
2-Fluorobiphenyl
Concen: 0.657 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

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

Tgt Ion:172 Resp: 5029
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 25.6 21.2 31.8

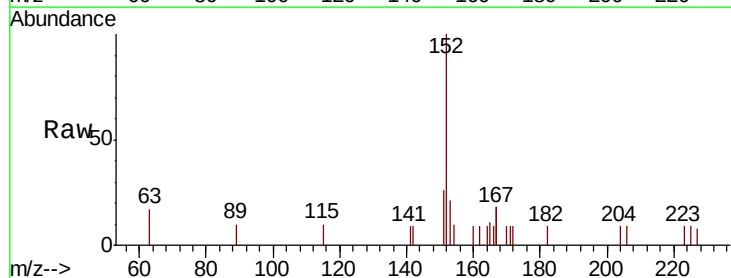


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

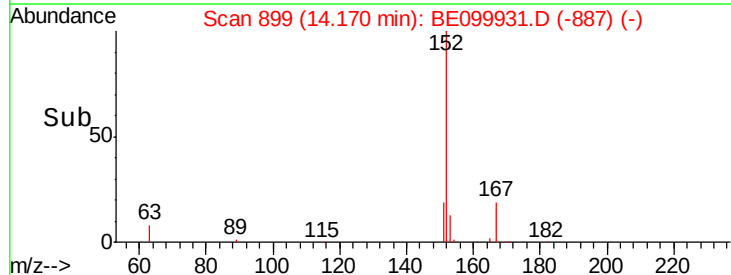
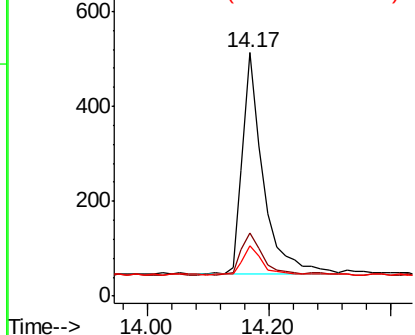


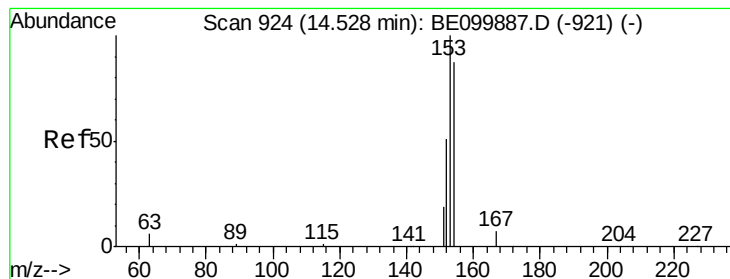
#16
Acenaphthylene
Concen: 0.110 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099931.D
Acq: 11 Jun 2019 19:21

Tgt Ion:152 Resp: 1109
Ion Ratio Lower Upper
152 100
151 21.0 15.5 23.3
153 12.3 10.2 15.2



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: 0.107 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

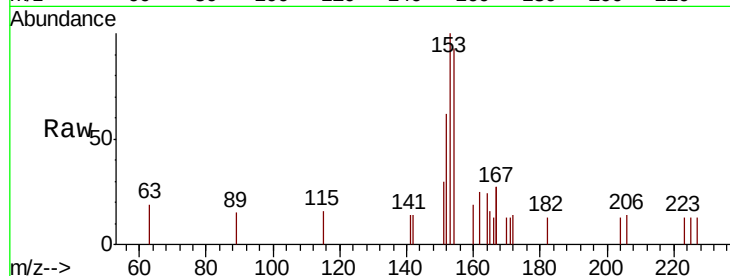
Tgt Ion:154 Resp: 584

Ion Ratio Lower Upper

154 100

153 118.5 93.1 139.7

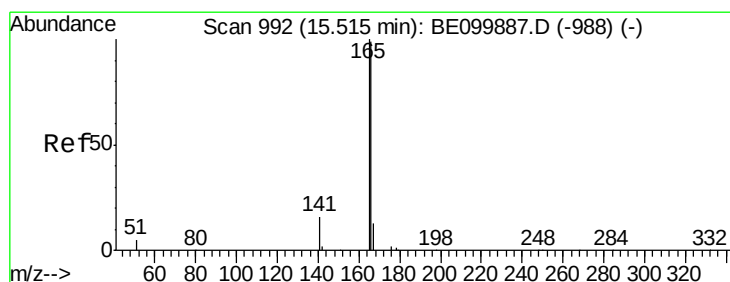
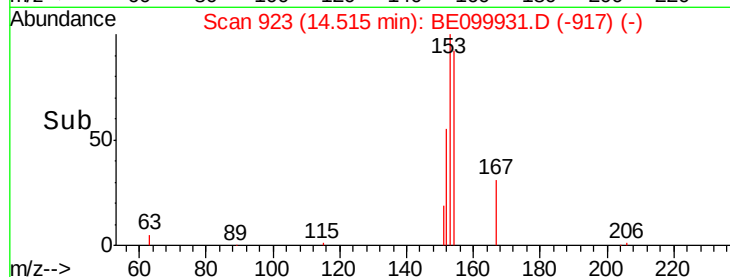
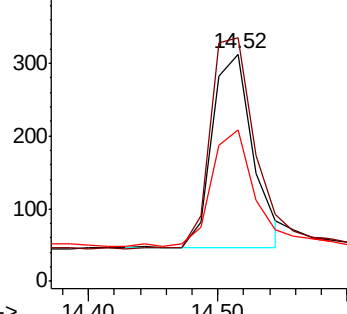
152 61.3 47.0 70.4



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: 0.113 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

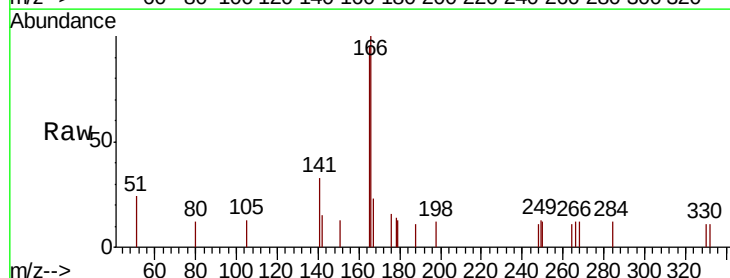
Tgt Ion:166 Resp: 930

Ion Ratio Lower Upper

166 100

165 96.9 81.8 122.8

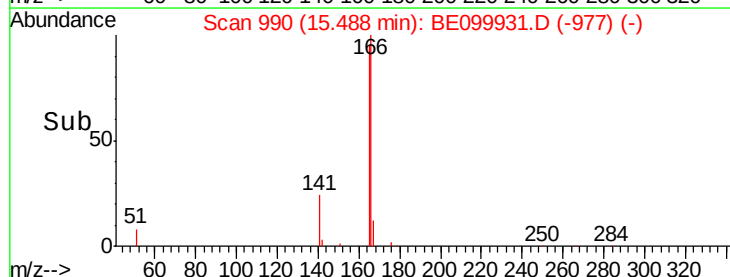
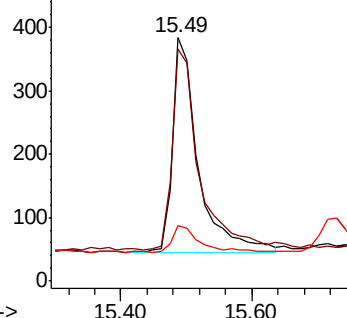
167 13.4 11.2 16.8

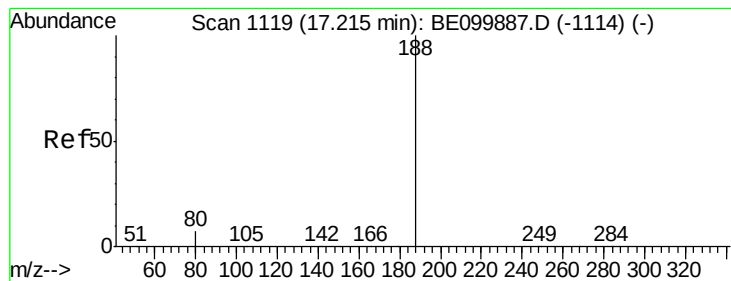


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

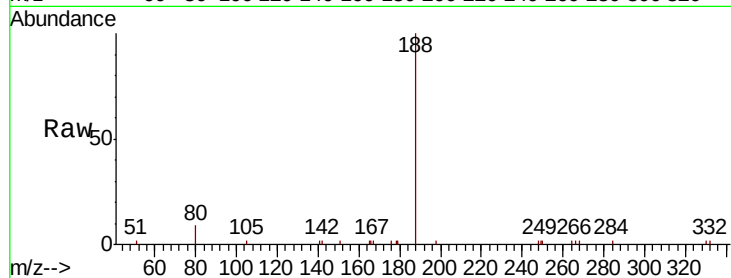
Tgt Ion:188 Resp: 6755

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

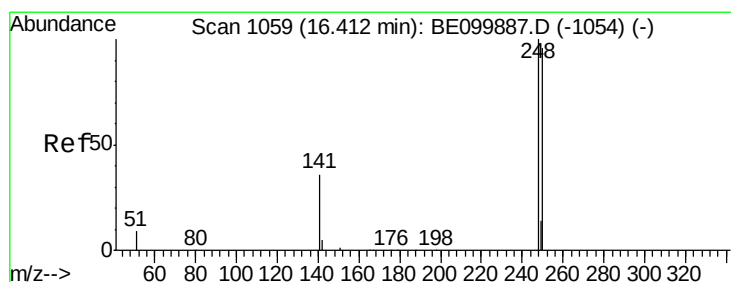
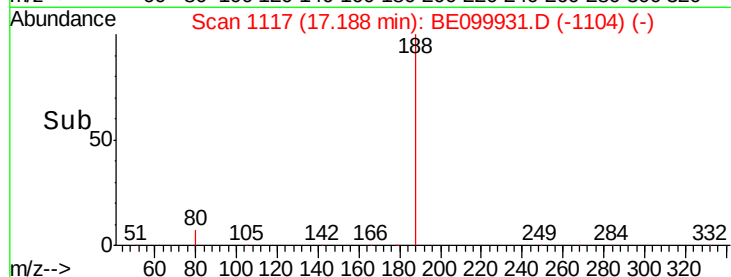
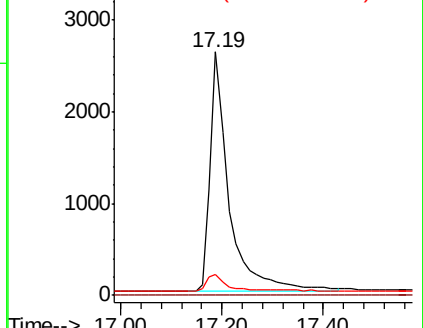
80 8.5 6.4 9.6



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: 0.108 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

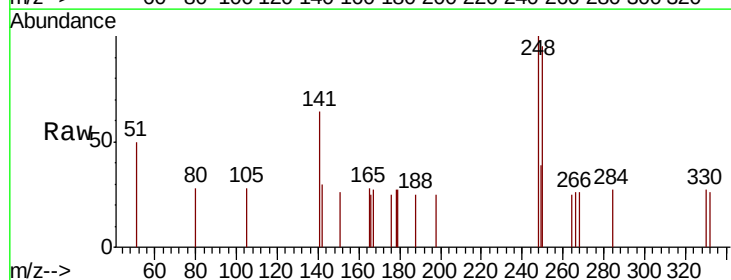
Tgt Ion:248 Resp: 414

Ion Ratio Lower Upper

248 100

250 95.0 77.5 116.3

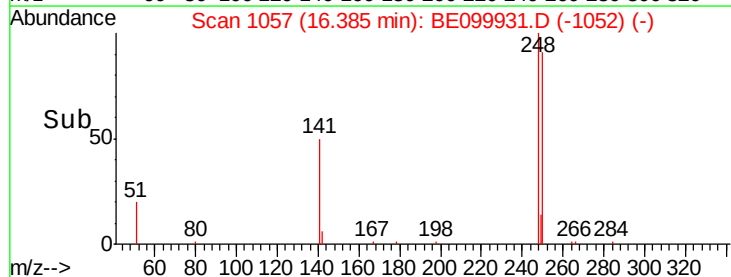
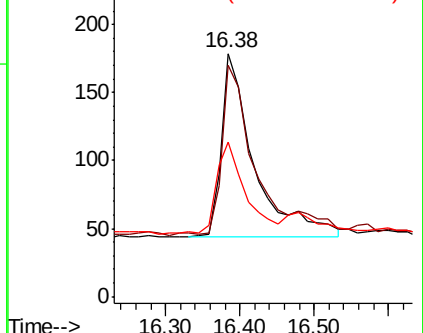
141 63.7 31.8 47.8#

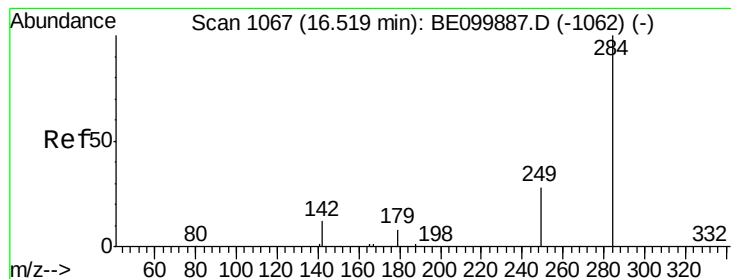


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.121 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

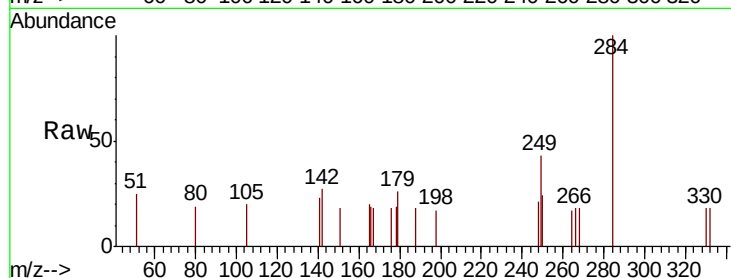
Tgt Ion:284 Resp: 475

Ion Ratio Lower Upper

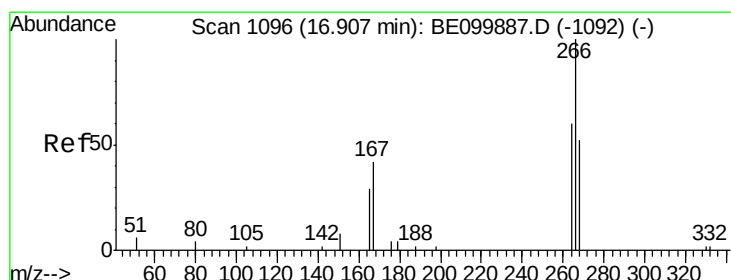
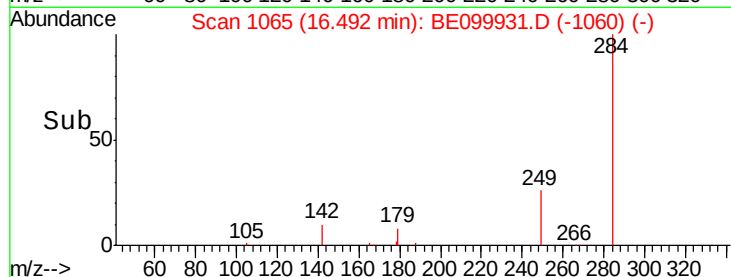
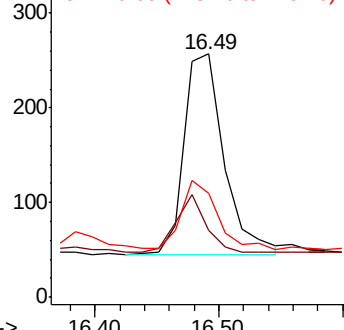
284 100

142 21.7 18.2 27.4

249 31.6 24.6 37.0



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: 0.349 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

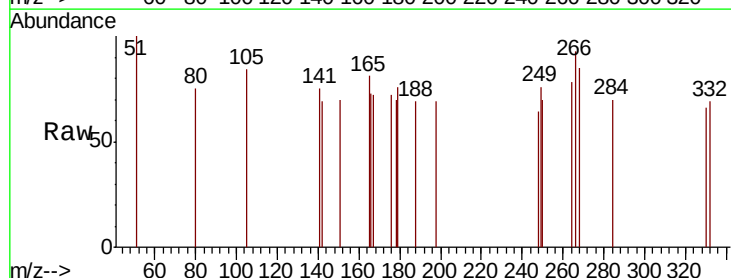
Tgt Ion:266 Resp: 93

Ion Ratio Lower Upper

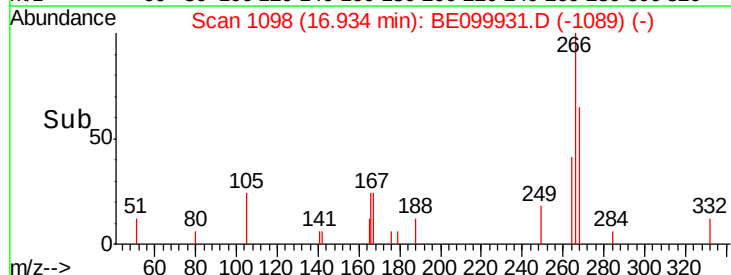
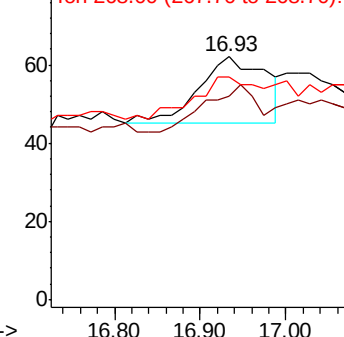
266 100

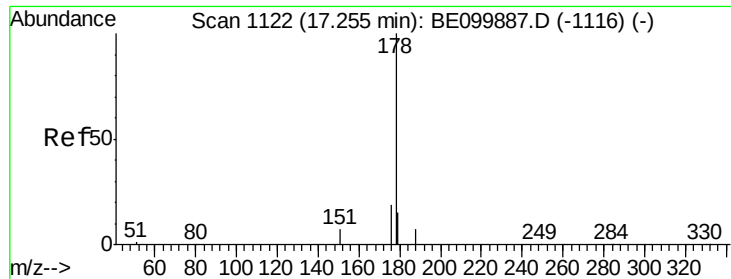
264 83.9 62.2 93.2

268 91.9 65.5 98.3



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: 0.107 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

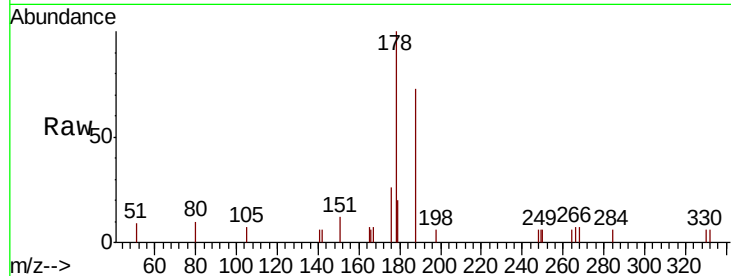
Tgt Ion:178 Resp: 1760

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

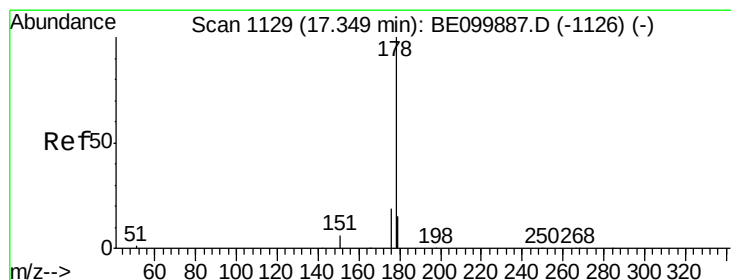
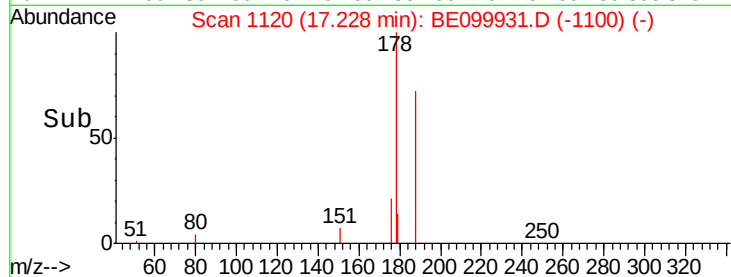
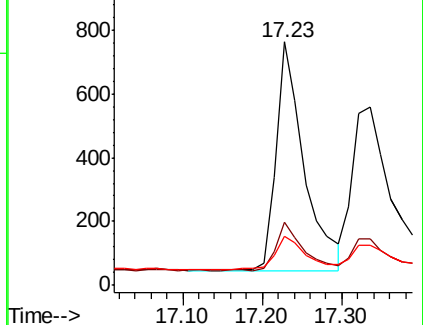
179 15.8 12.4 18.6



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



#24

Anthracene

Concen: 0.086 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

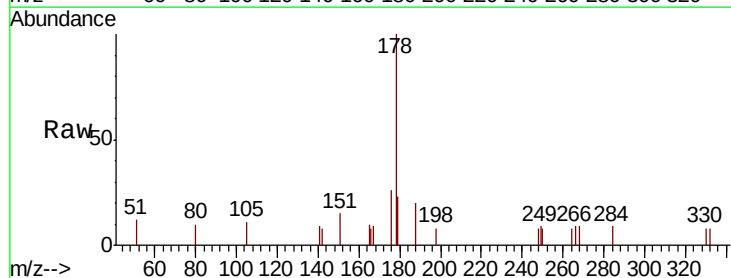
Tgt Ion:178 Resp: 1292

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

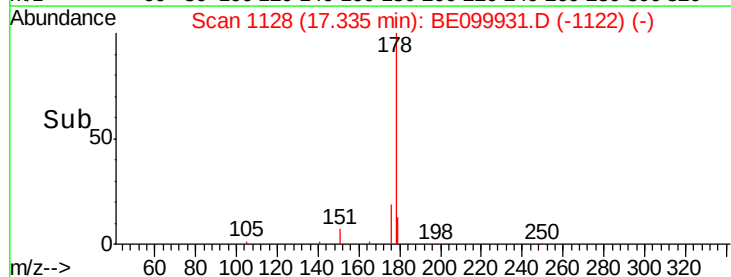
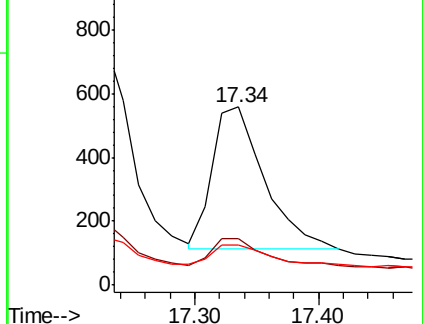
179 14.5 12.3 18.5

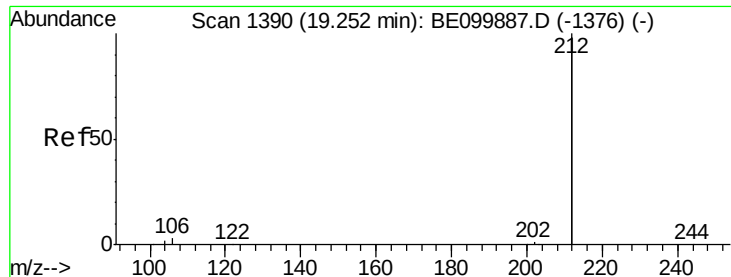


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

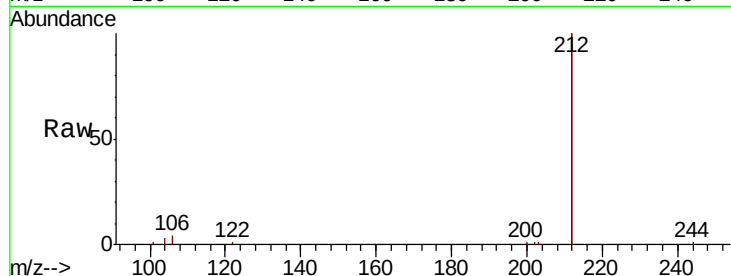
Tgt Ion: 212 Resp: 33691

Ion Ratio Lower Upper

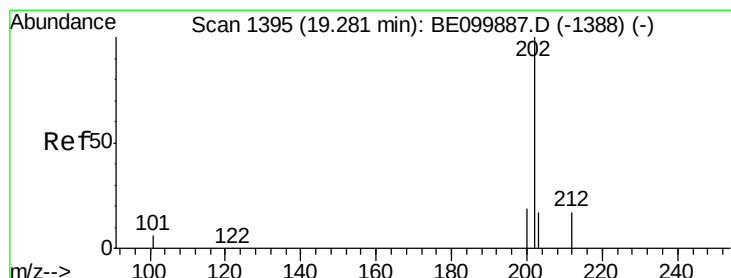
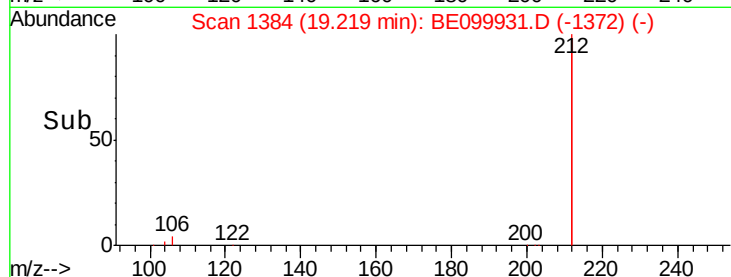
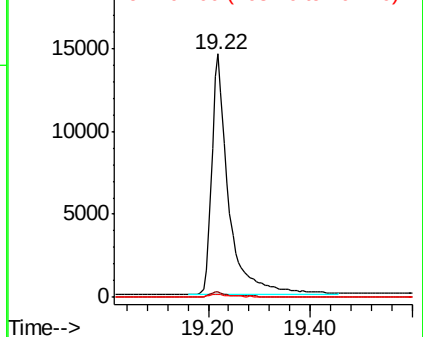
212 100

106 1.9 1.4 2.2

104 1.0 0.9 1.3



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: 0.105 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

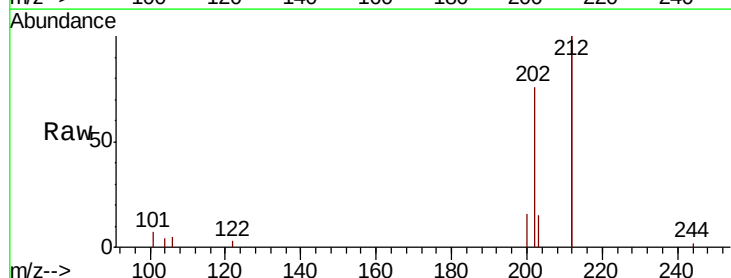
Tgt Ion: 202 Resp: 2931

Ion Ratio Lower Upper

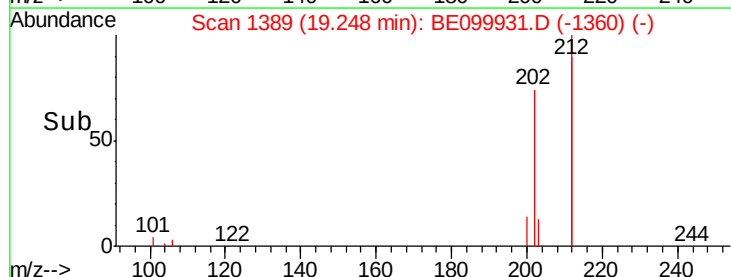
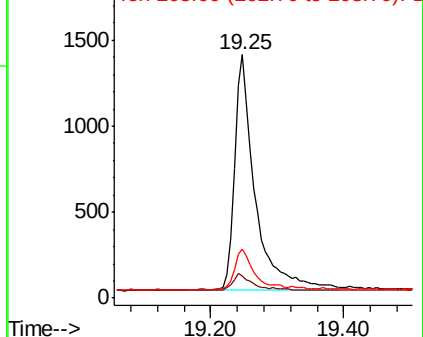
202 100

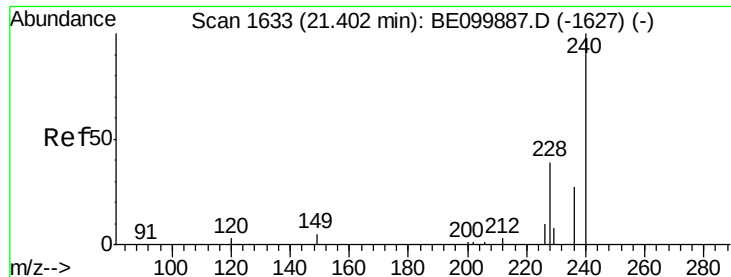
101 6.5 5.4 8.0

203 16.6 13.2 19.8



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

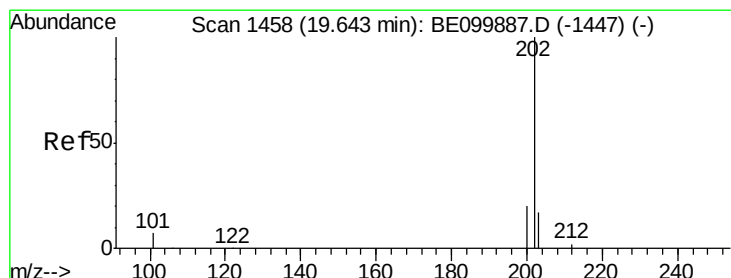
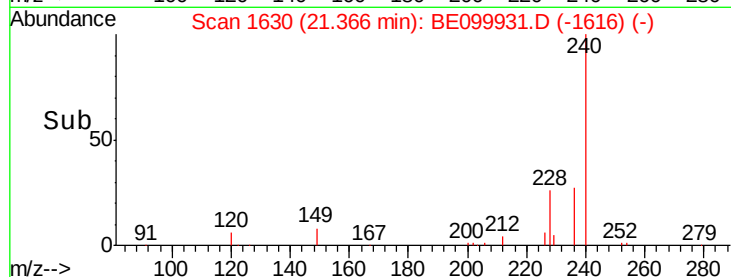
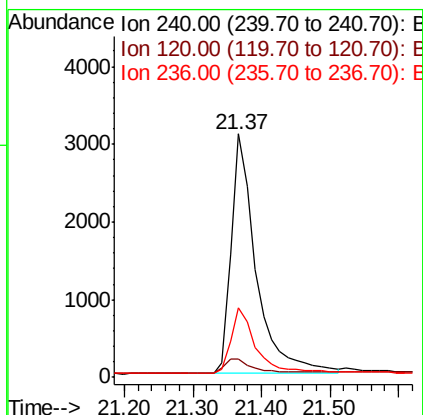
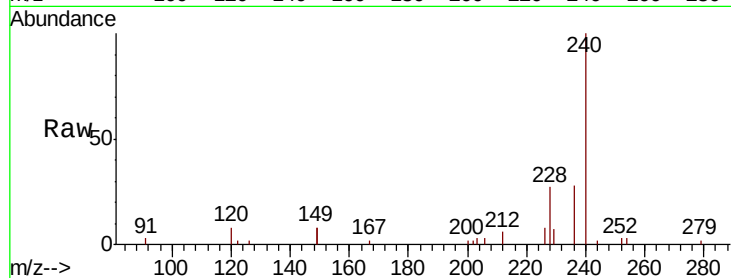




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BE099931.D
 Acq: 11 Jun 2019 19:21

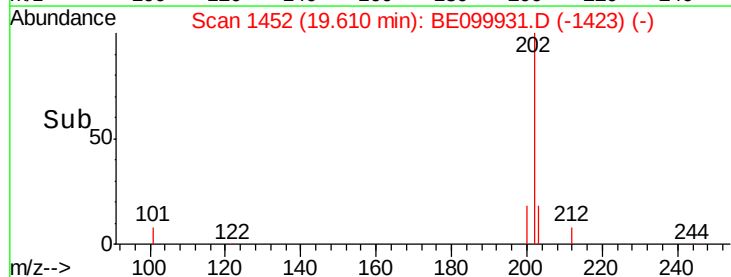
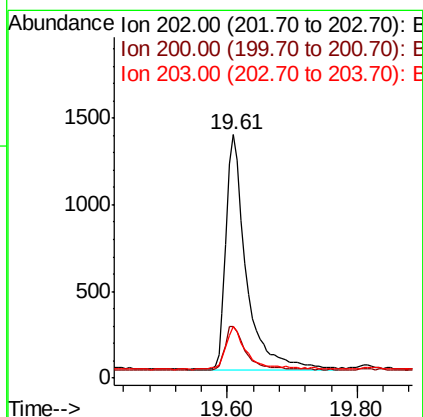
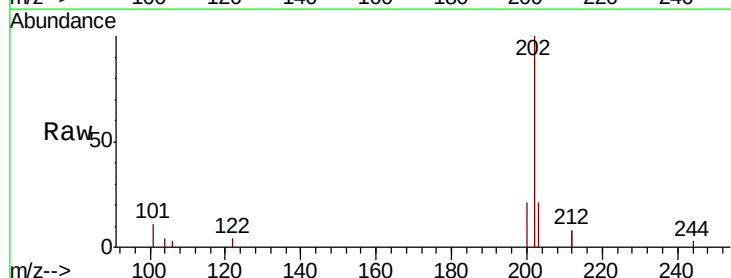
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

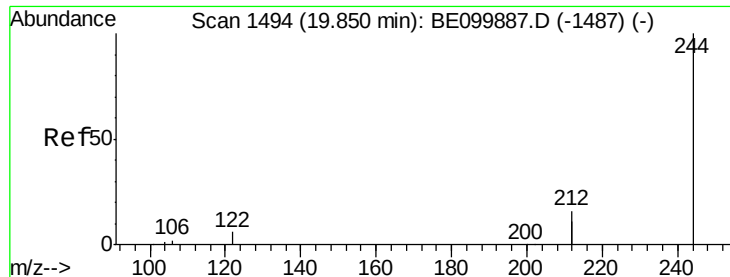
Tgt Ion:240 Resp: 7862
 Ion Ratio Lower Upper
 240 100
 120 7.8 3.8 5.6#
 236 28.5 22.0 33.0



#28
 Pyrene
 Concen: 0.141 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: BE099931.D
 Acq: 11 Jun 2019 19:21

Tgt Ion:202 Resp: 2912
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.5 23.3
 203 17.8 14.0 21.0





#29

Terphenyl-d14

Concen: 0.914 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

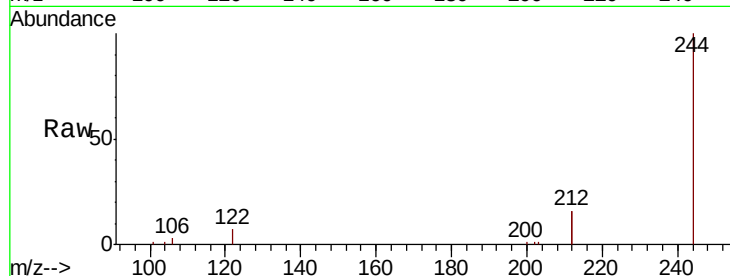
Tgt Ion:244 Resp: 12930

Ion Ratio Lower Upper

244 100

212 31.8 25.7 38.5

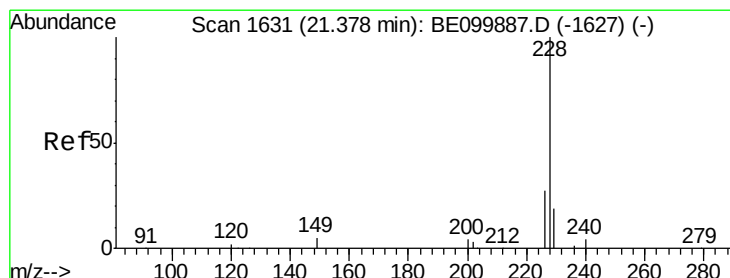
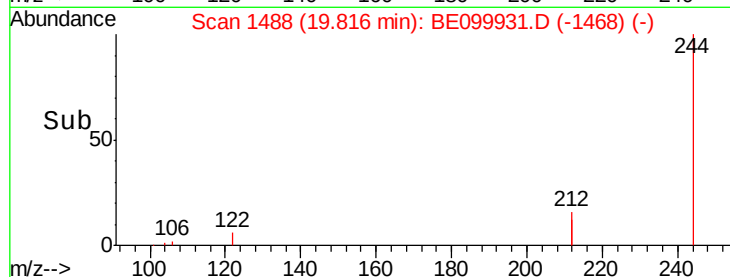
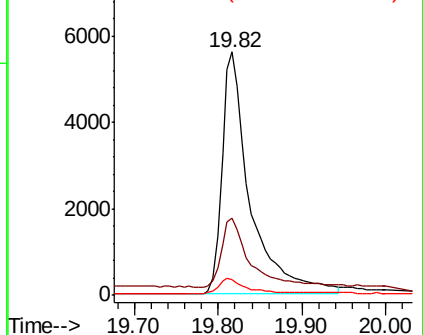
122 6.7 5.5 8.3



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: 0.102 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

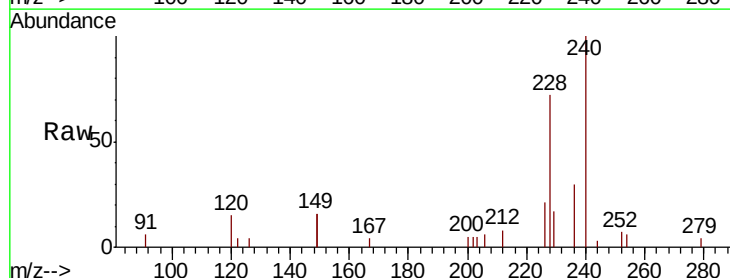
Tgt Ion:228 Resp: 2405

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

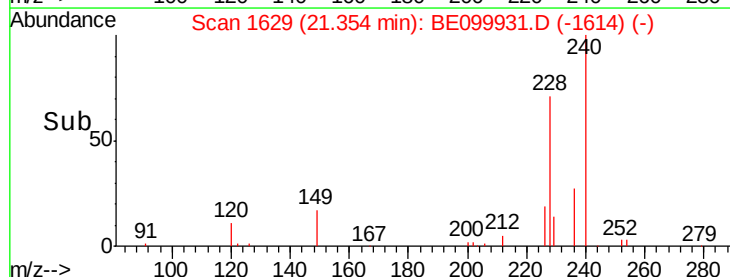
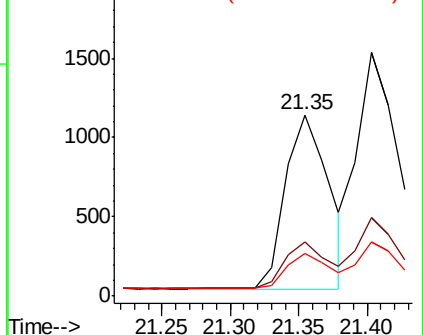
229 23.5 15.9 23.9

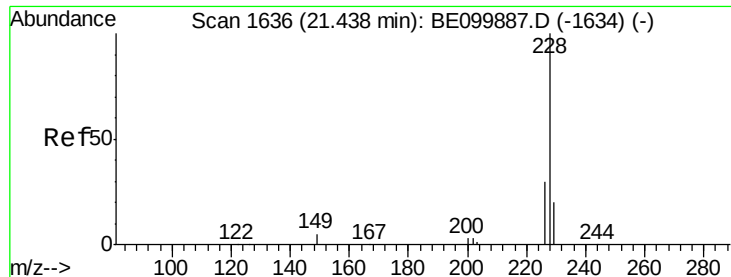


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.129 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

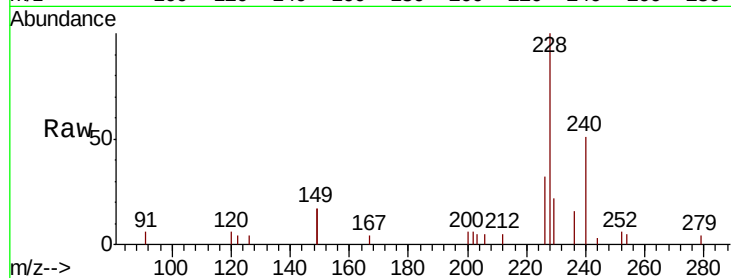
Tgt Ion:228 Resp: 3130

Ion Ratio Lower Upper

228 100

226 32.2 24.1 36.1

229 22.1 16.1 24.1

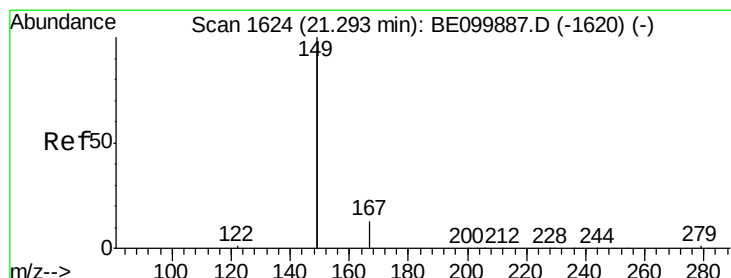
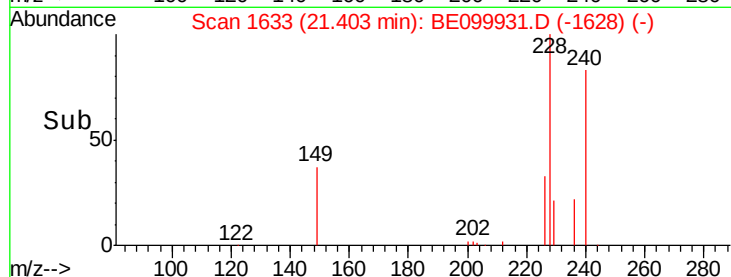
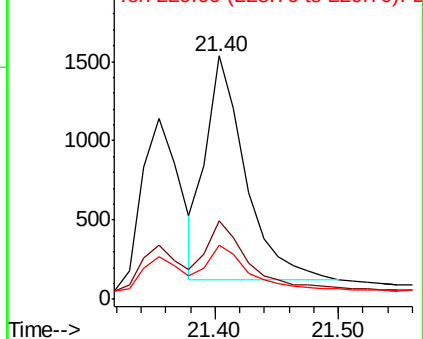


Abundance

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: 0.105 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

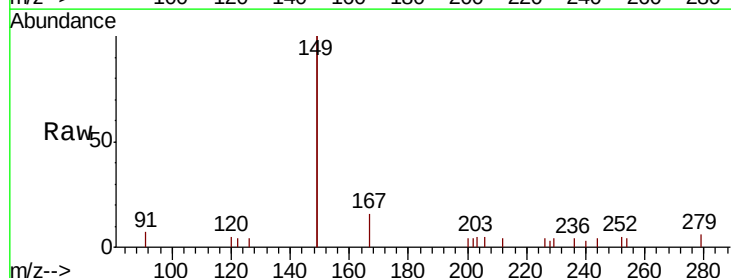
Tgt Ion:149 Resp: 3539

Ion Ratio Lower Upper

149 100

167 6.6 5.9 8.9

279 1.9 1.2 1.8#

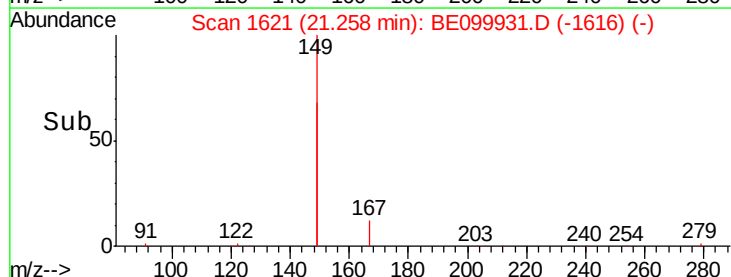
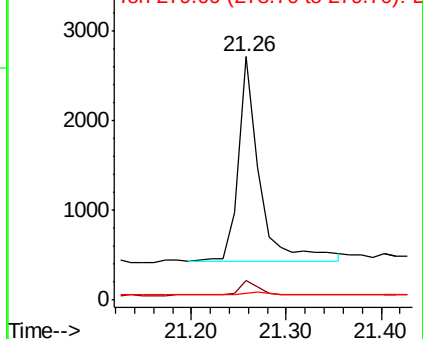


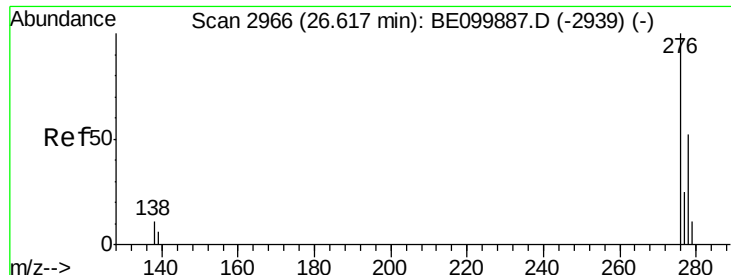
Abundance

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: 0.097 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.09 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

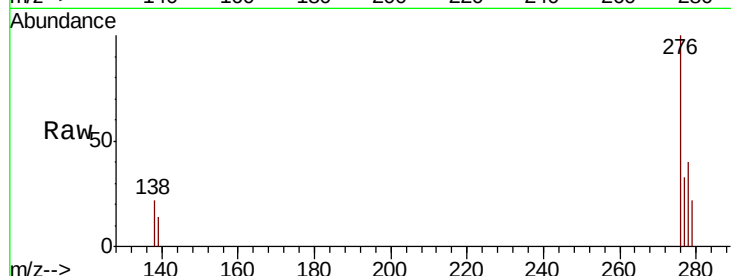
Tgt Ion:276 Resp: 2799

Ion Ratio Lower Upper

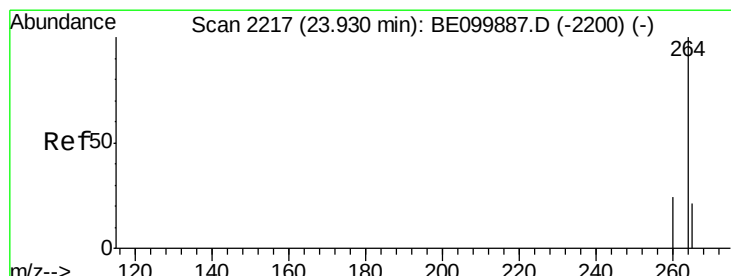
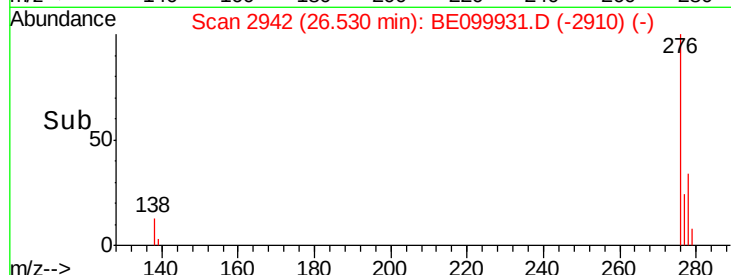
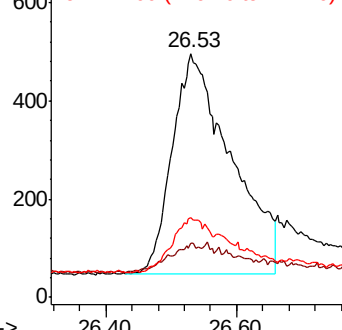
276 100

138 7.0 10.1 15.1#

277 15.6 19.1 28.7#



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: 23.87 min Scan# 2199

Delta R.T. -0.06 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

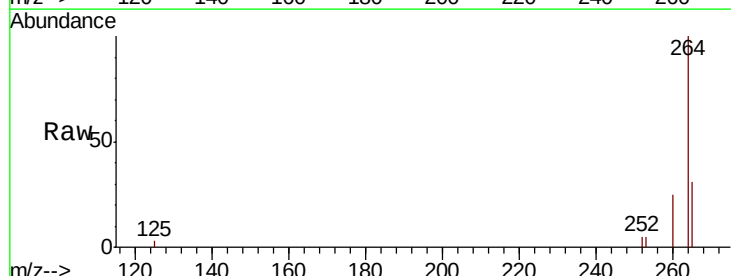
Tgt Ion:264 Resp: 9106

Ion Ratio Lower Upper

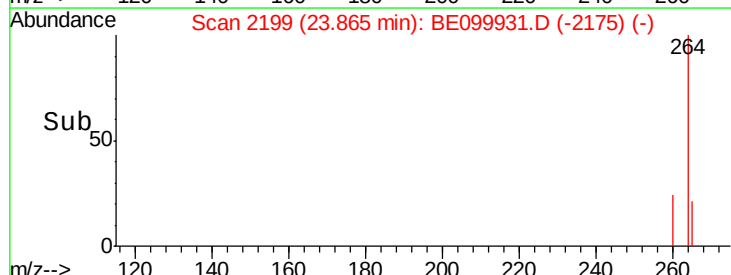
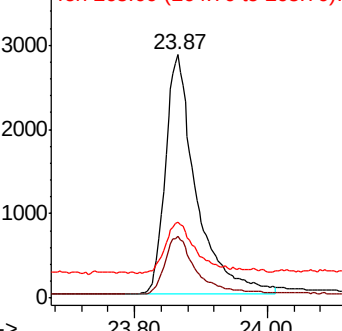
264 100

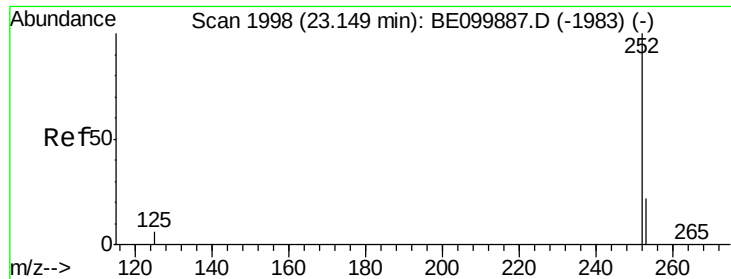
260 25.3 20.2 30.2

265 30.9 22.0 33.0



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: 0.109 ng

RT: 23.10 min Scan# 1984

Delta R.T. -0.05 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

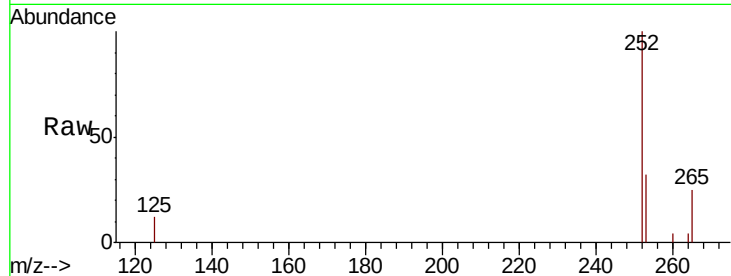
Tgt Ion:252 Resp: 2779

Ion Ratio Lower Upper

252 100

253 31.9 18.7 28.1#

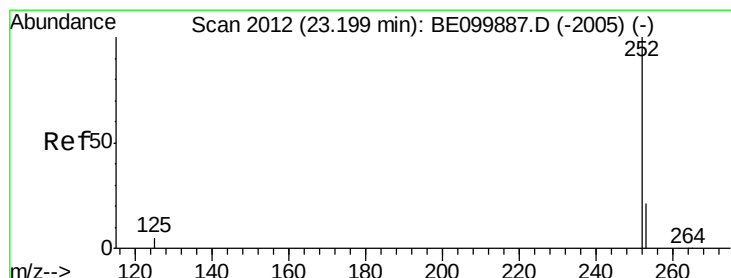
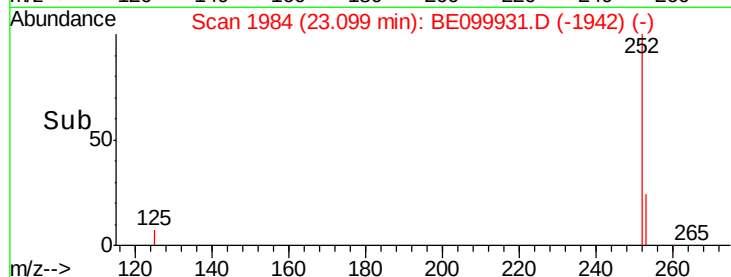
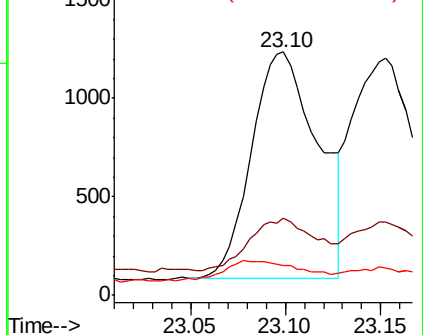
125 12.1 5.7 8.5#



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: 0.121 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.05 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

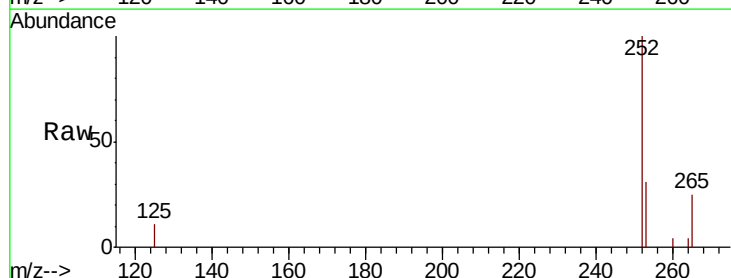
Tgt Ion:252 Resp: 3230

Ion Ratio Lower Upper

252 100

253 31.1 18.6 28.0#

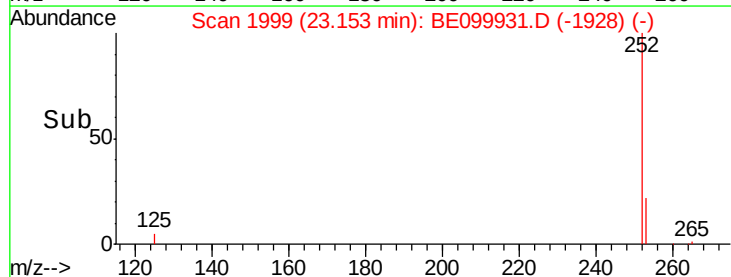
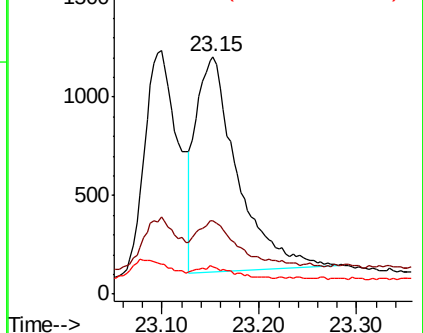
125 11.3 5.4 8.0#

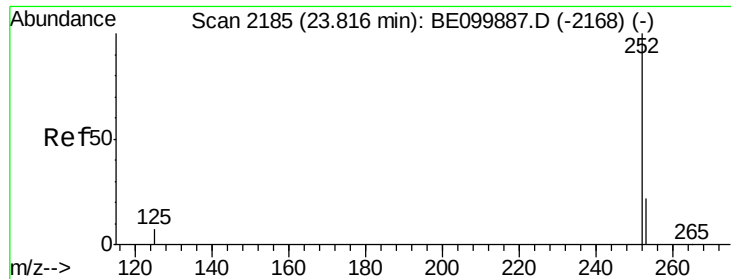


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.118 ng

RT: 23.75 min Scan# 2168

Delta R.T. -0.06 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

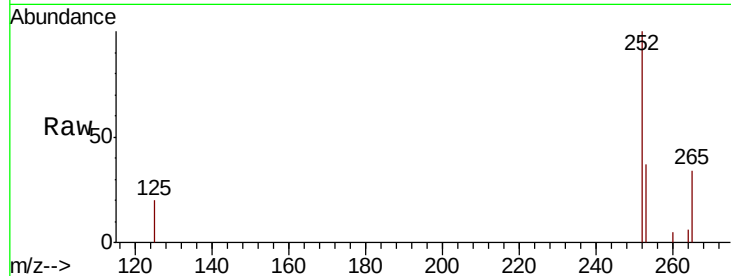
Tgt Ion: 252 Resp: 2965

Ion Ratio Lower Upper

252 100

253 36.7 19.6 29.4#

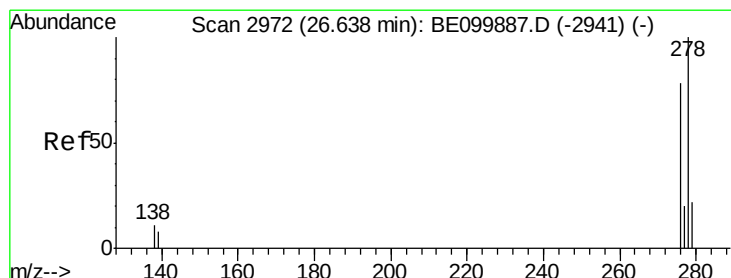
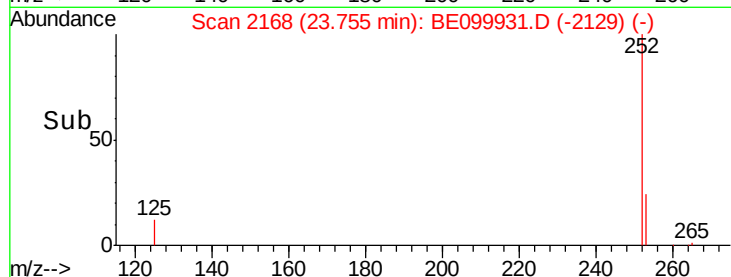
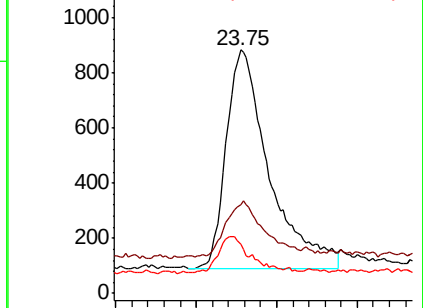
125 20.3 6.6 10.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.08 min

Lab File: BE099931.D

Acq: 11 Jun 2019 19:21

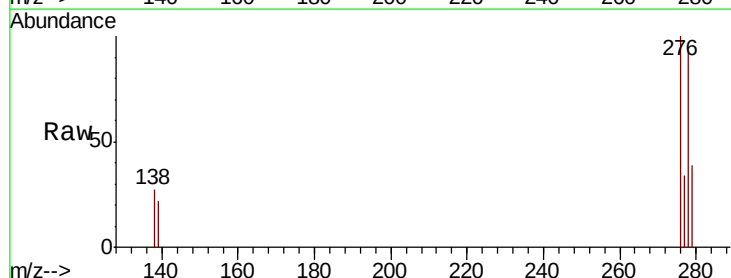
Tgt Ion: 278 Resp: 705

Ion Ratio Lower Upper

278 100

139 23.7 7.8 11.8#

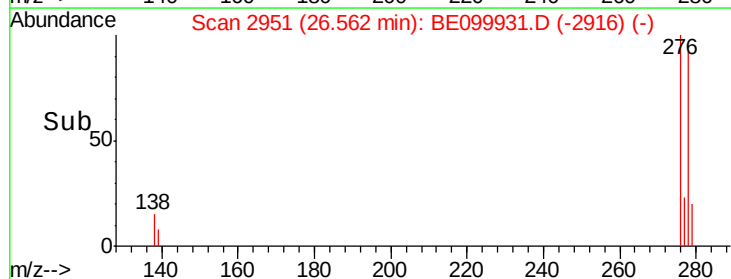
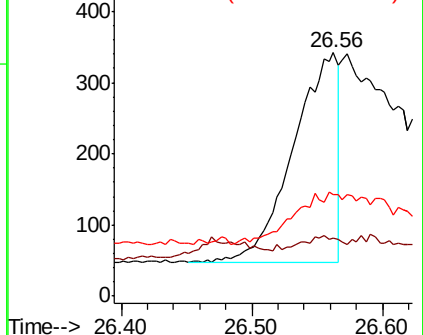
279 41.8 20.0 30.0#

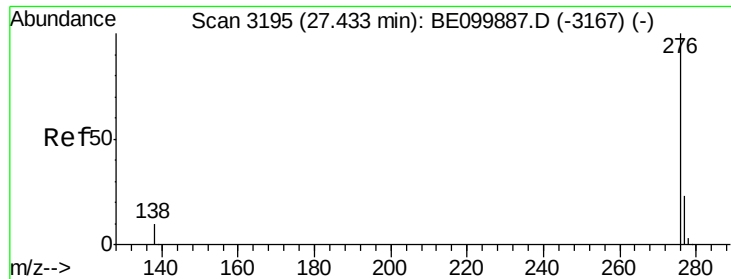


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.109 ng

RT: 27.33 min Scan# 3167

Delta R.T. -0.10 min

Lab File: BE099931.D

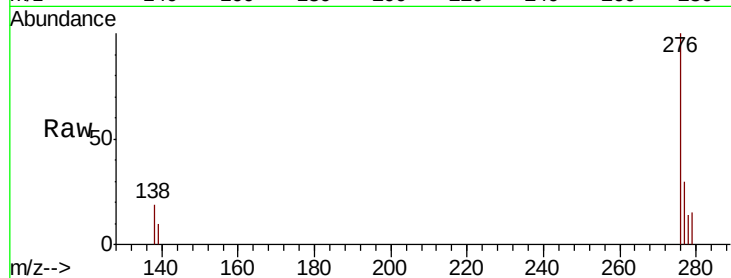
Acq: 11 Jun 2019 19:21

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019



Tgt Ion: 276 Resp: 2861

Ion Ratio Lower Upper

276 100

277 30.4 19.5 29.3#

138 19.4 9.5 14.3#

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

