

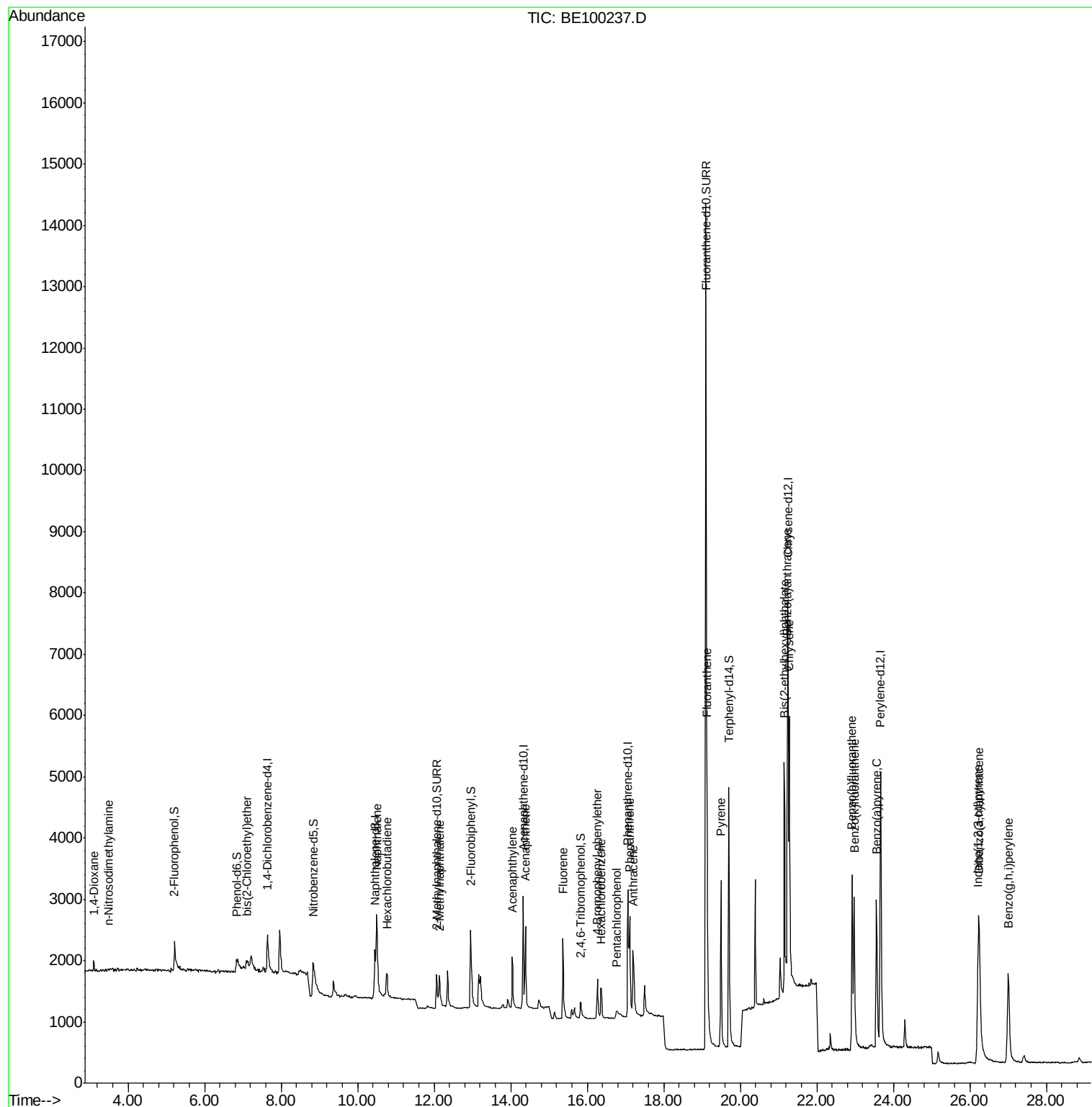
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100237.D
Acq On : 28 Jun 2019 16:38
Operator : JU/SJ
Sample : K2241-08
Misc : LOO-W-0.2PPM
ALS Vial : 13 Sample Multiplier: 1

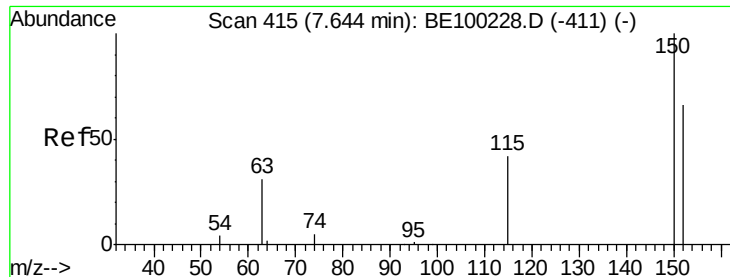
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2019

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Quant Time: Jun 29 00:24:17 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





#1

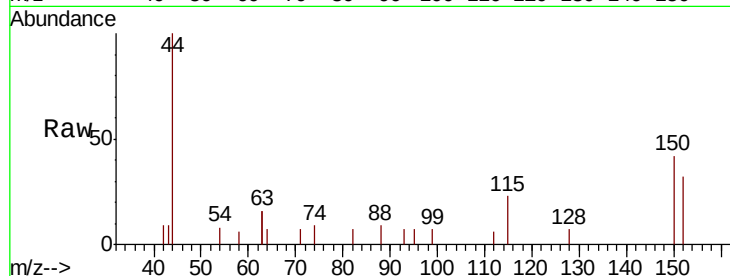
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

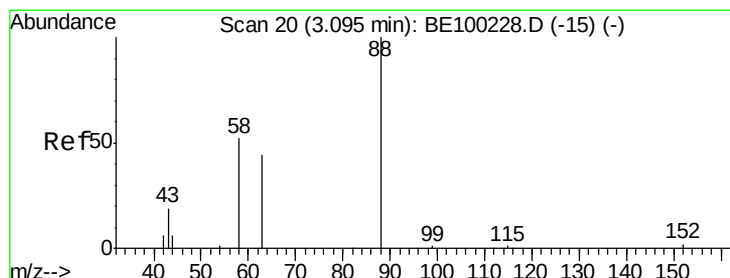
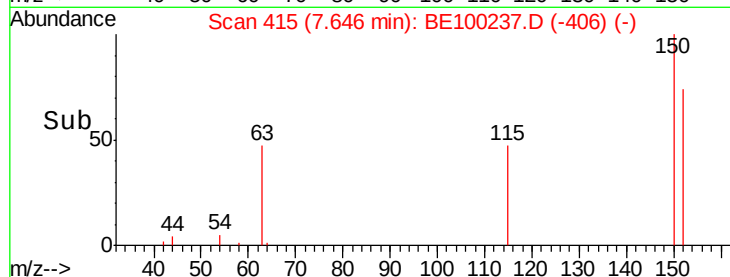
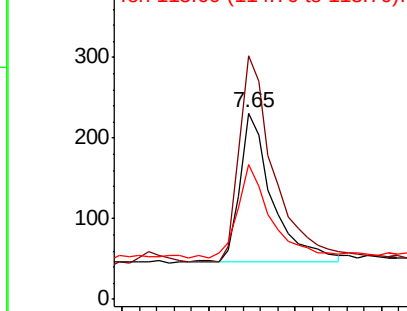
Tot Ion	Ratio	Lower	Upper
152	100		
150	130.7	114.5	171.7
115	72.7	57.1	85.7

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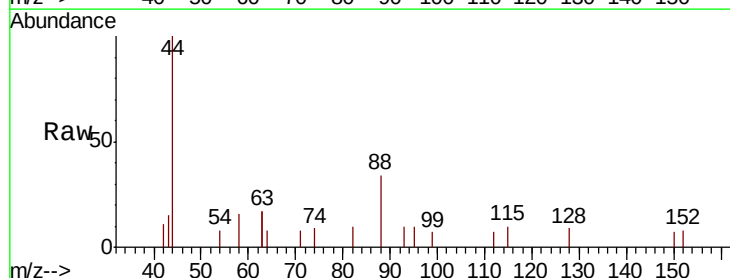
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



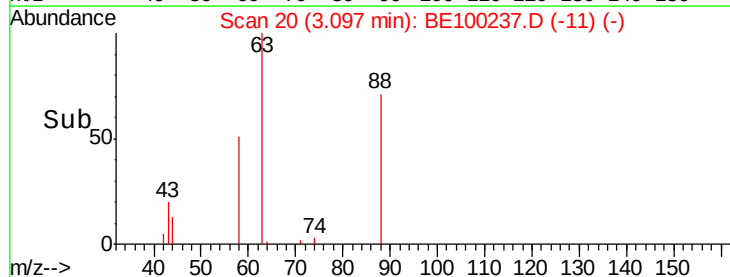
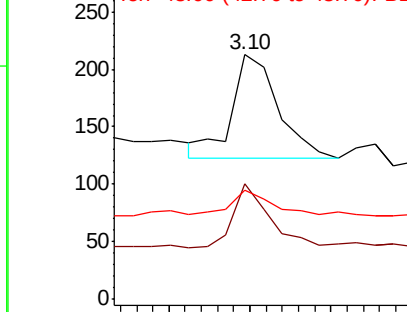
#2

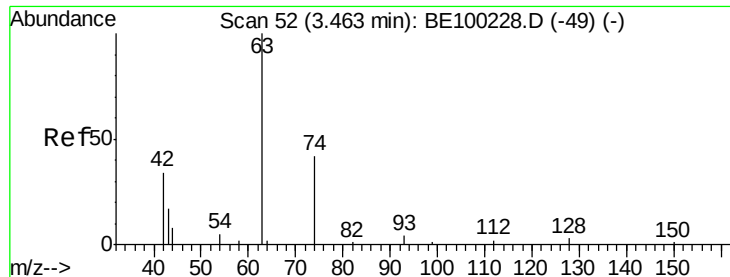
1,4-Dioxane
Concen: 0.232 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion	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

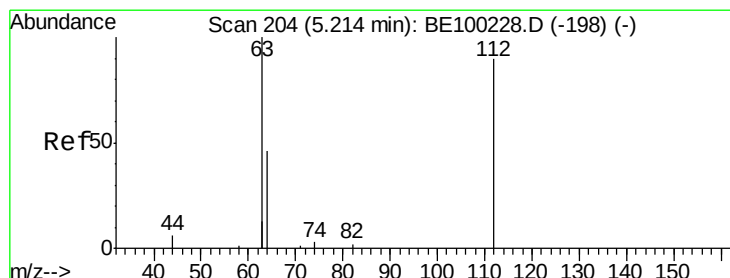
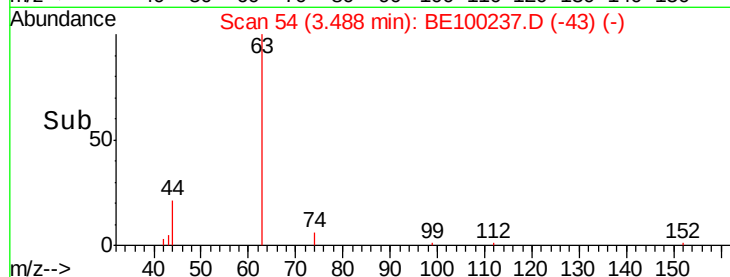
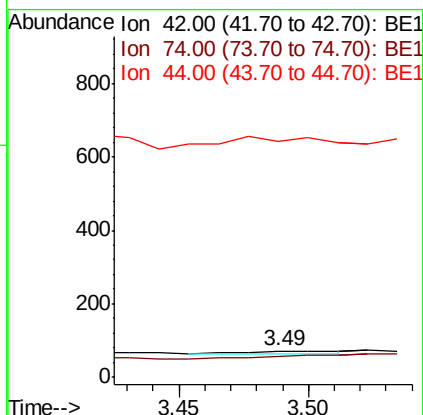
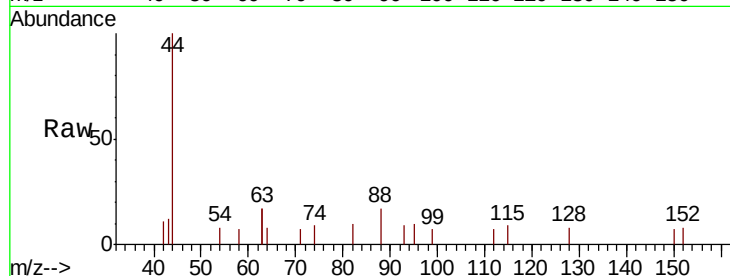
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	42	Resp:	23
Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	413.0	38.0	57.0#

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#4

2-Fluorophenol

Concen: 0.400 ng

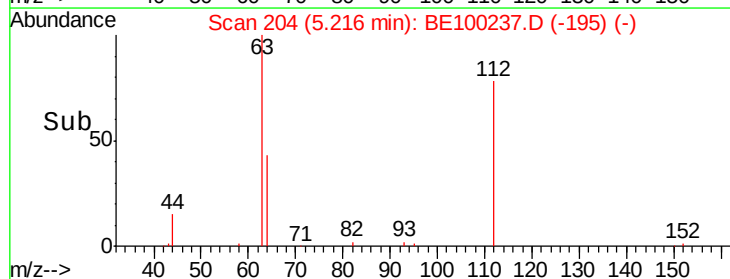
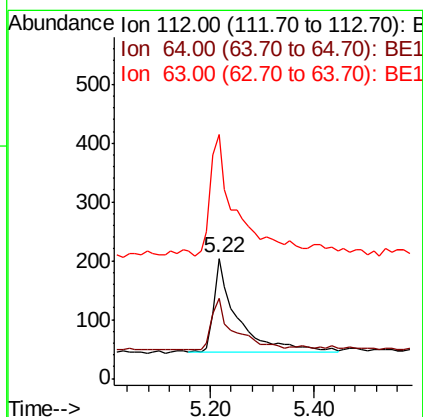
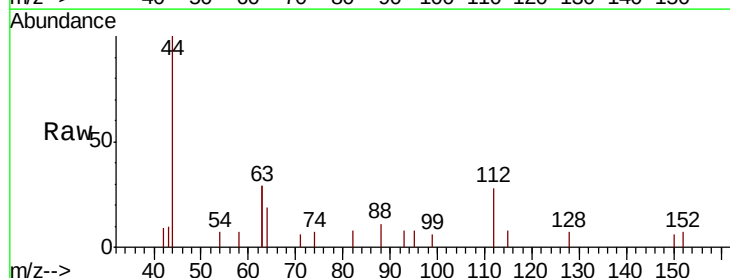
RT: 5.22 min Scan# 204

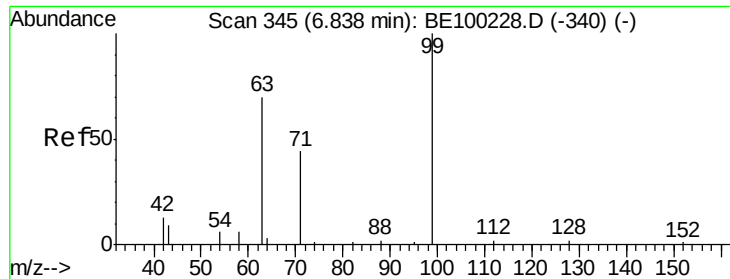
Delta R.T. 0.00 min

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





#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

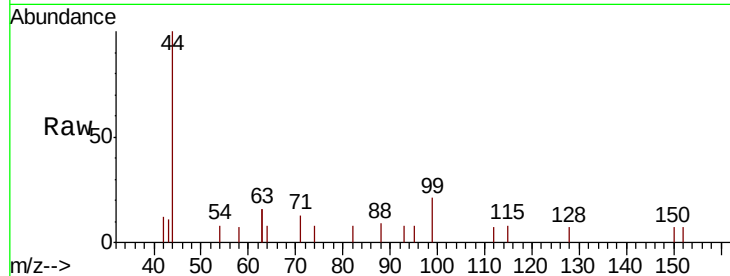
ClientSampleId :

LOQ-WATER-02-QT2-2019

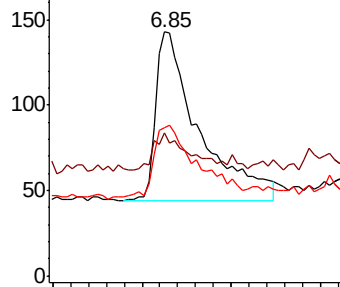
Tot Ion:	99	Resp:	656
Ion	Ratio	Lower	Upper
99	100		
42	17.8	11.2	16.8#
71	42.4	37.2	55.8

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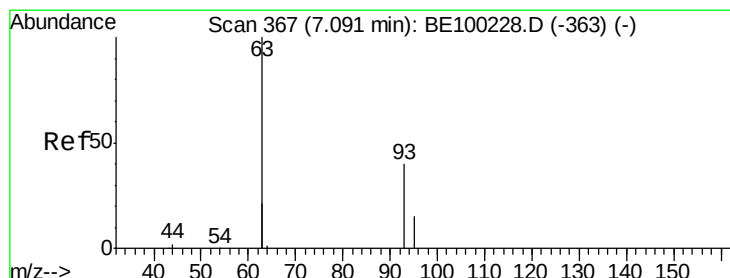
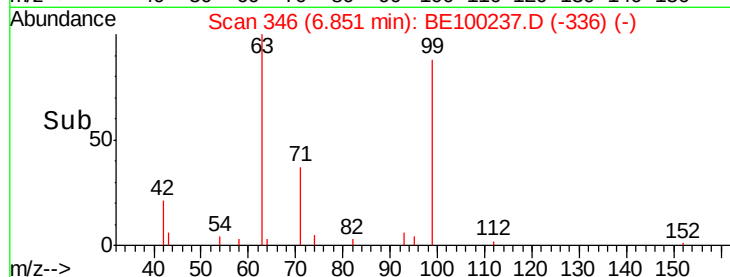
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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.176 ng

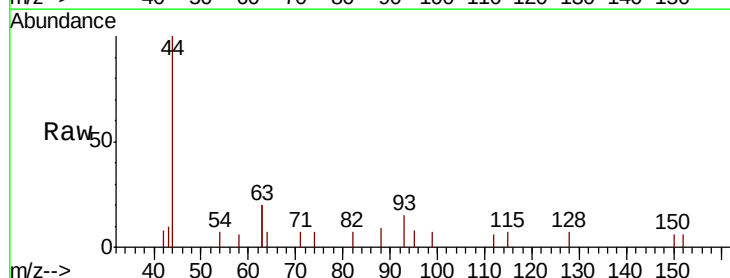
RT: 7.12 min Scan# 369

Delta R.T. 0.03 min

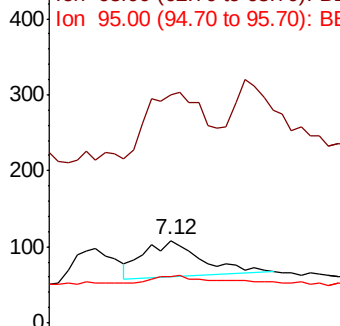
Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

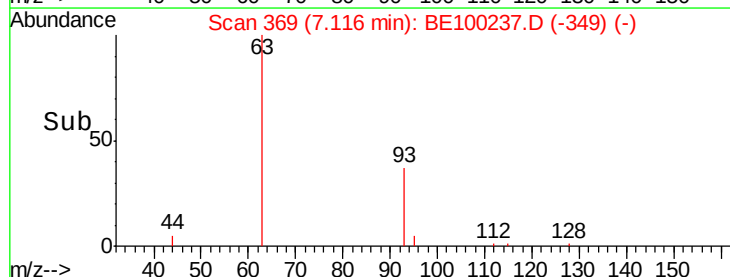
Tgt Ion:	93	Resp:	237
Ion	Ratio	Lower	Upper
93	100		
63	179.7	155.6	233.4
95	22.8	23.0	34.4#

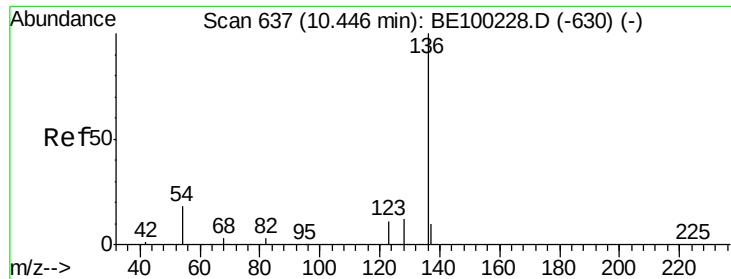


Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

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

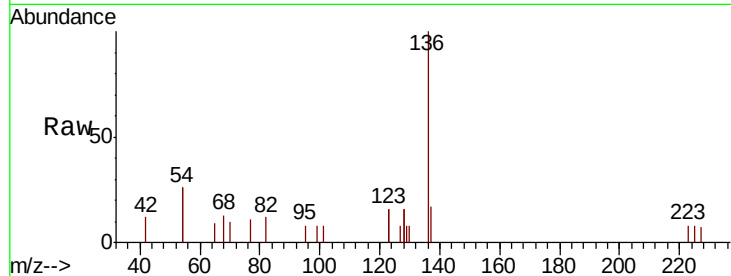
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot 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#

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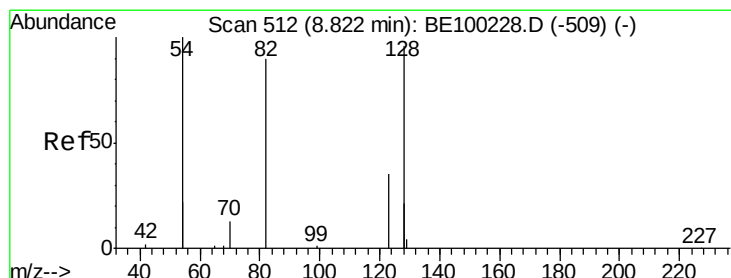
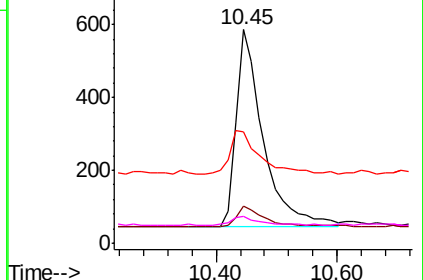
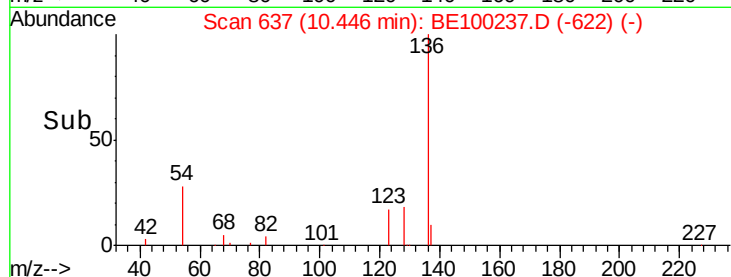


Abundance Ion 136.00 (135.70 to 136.70): E

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

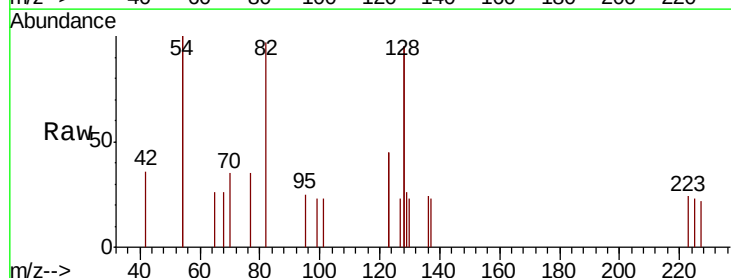
RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

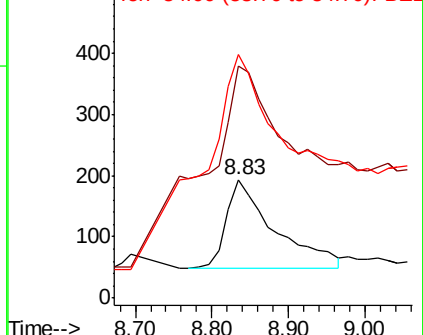
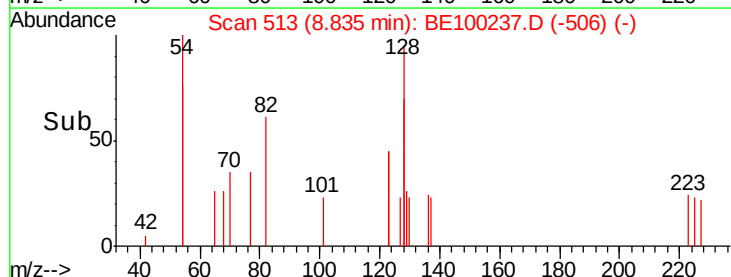
Tgt Ion	Ratio	Lower	Upper
82	100		
128	195.9	140.9	211.3
54	205.2	146.2	219.2

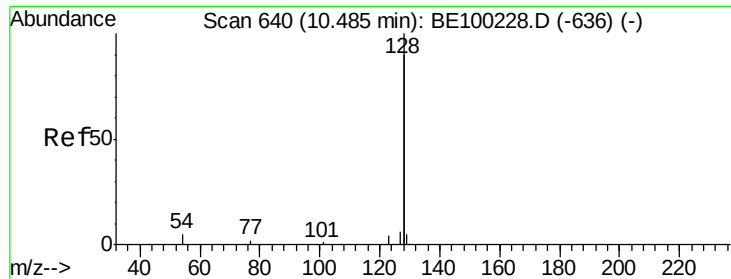


Abundance Ion 82.00 (81.70 to 82.70): BE1

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

Instrument :

BNA_E

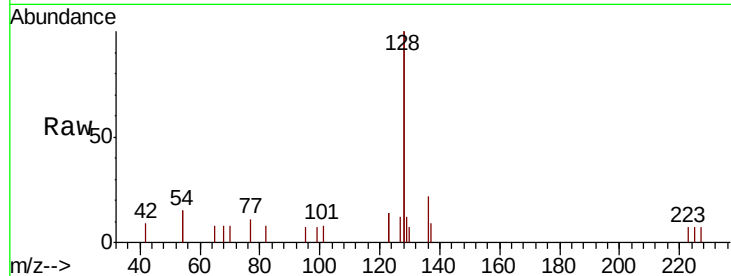
ClientSampleId :

LOQ-WATER-02-QT2-2019

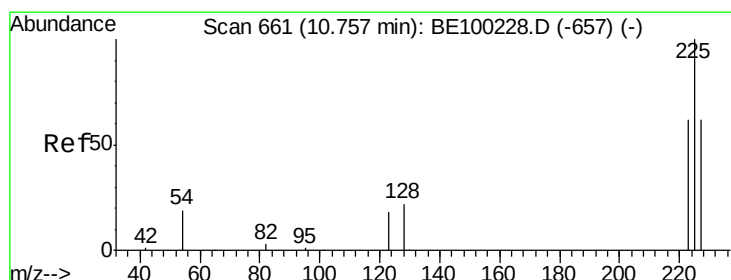
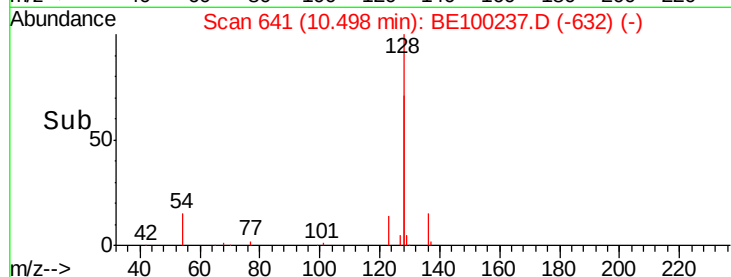
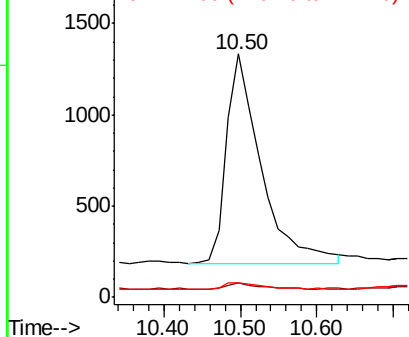
Tot Ion:	128	Resp:	3621
Ion Ratio	Lower	Upper	
128	100		
129	6.0	3.0	4.6#
127	6.0	3.5	5.3#

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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

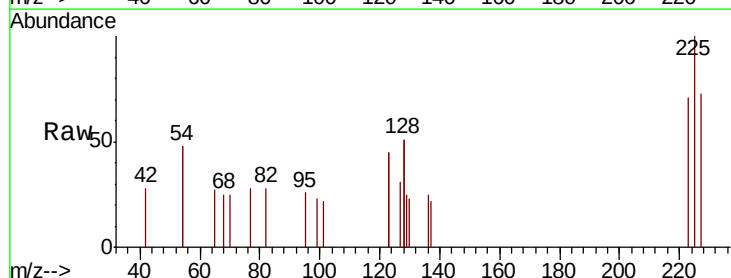
RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

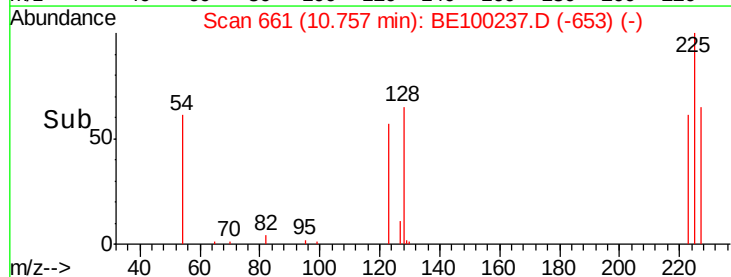
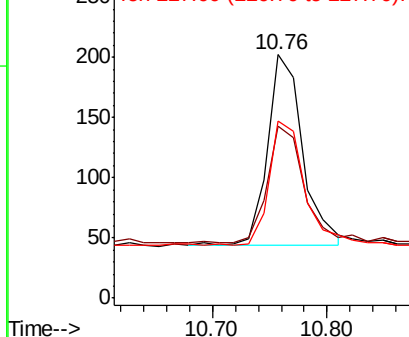
Lab File: BE100237.D

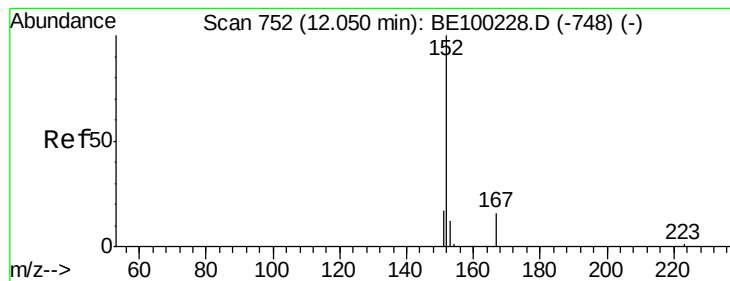
Acq: 28 Jun 2019 16:38

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





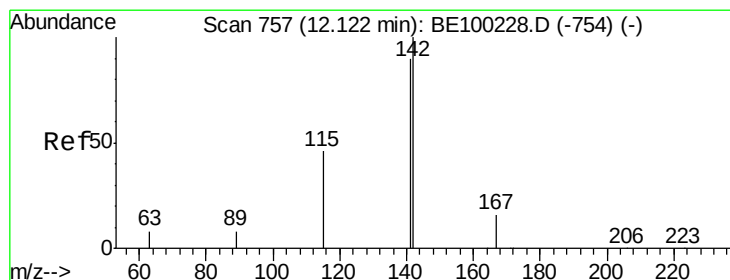
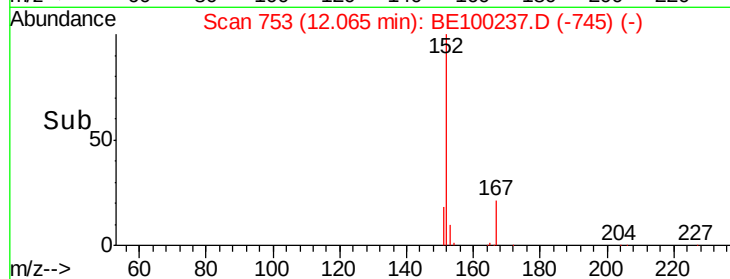
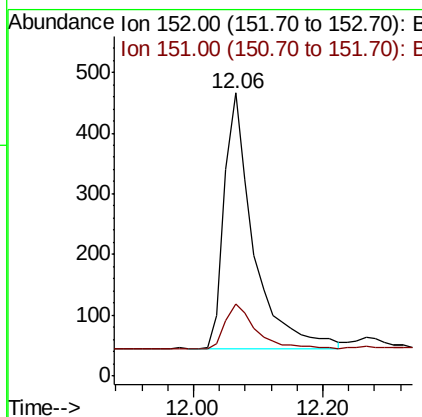
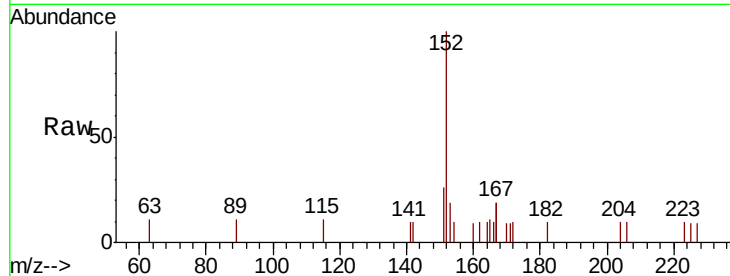
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.06 min Scan# 753
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

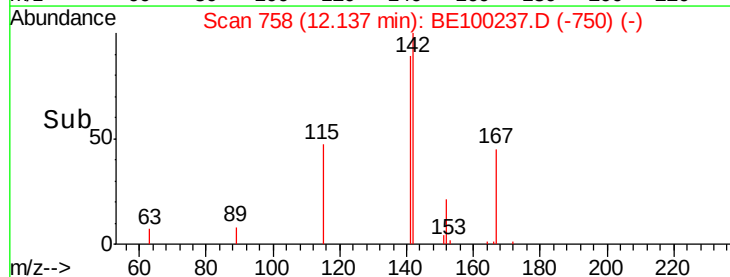
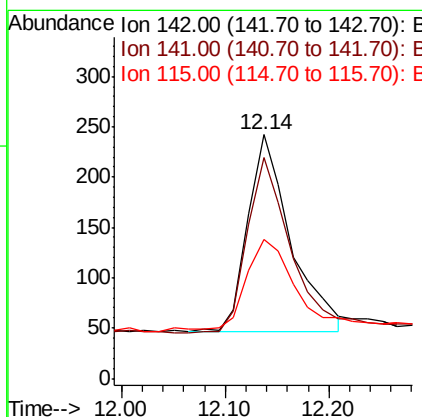
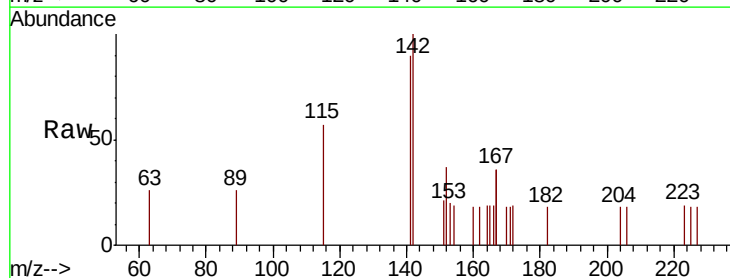
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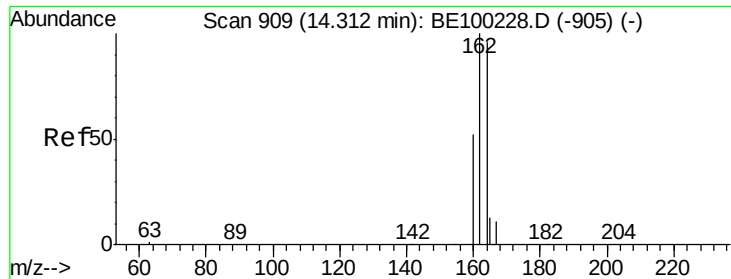
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#12
2-Methylnaphthalene
Concen: 0.171 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6
115	57.0	40.4	60.6





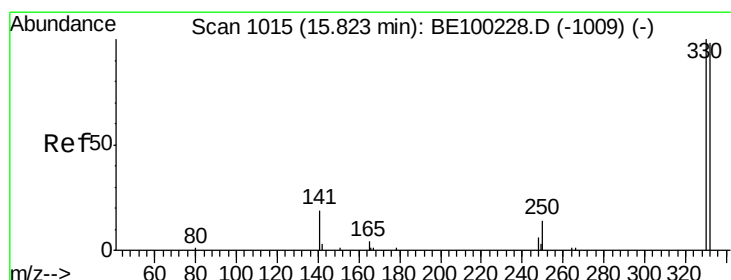
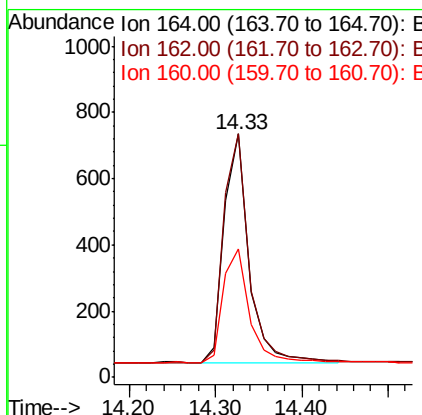
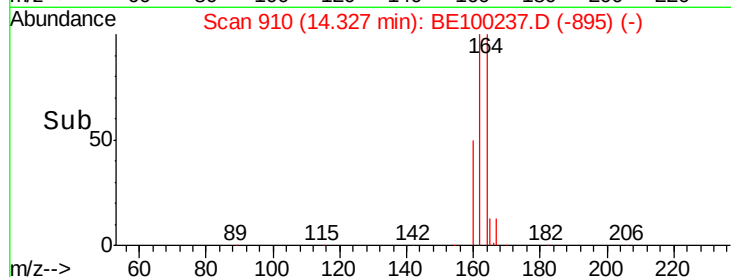
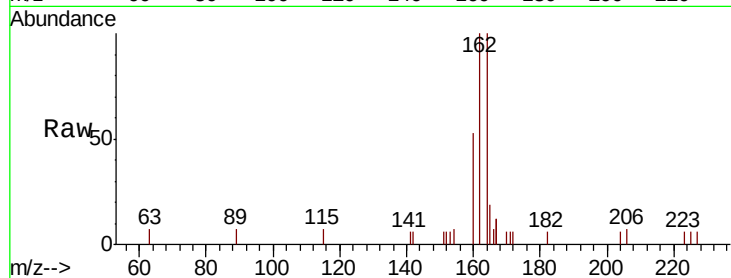
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.4	125.0
160	52.9	45.0	67.6

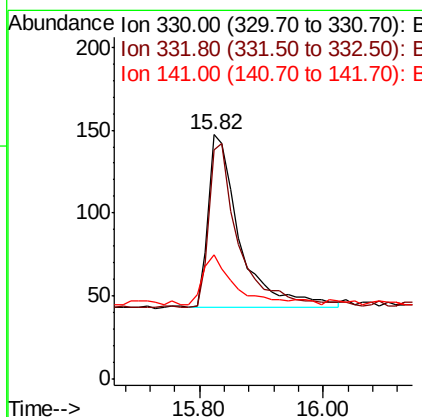
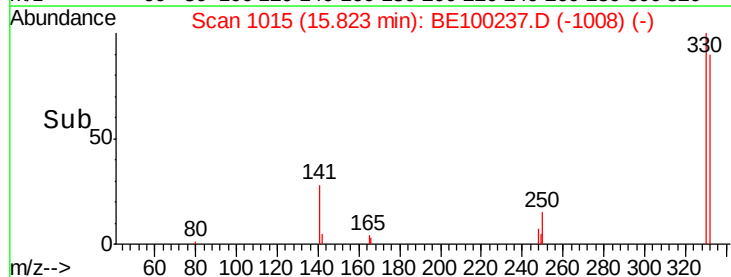
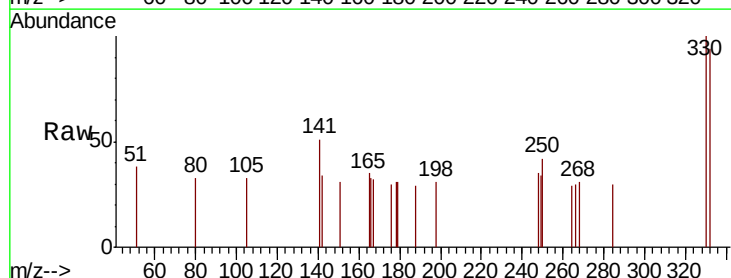
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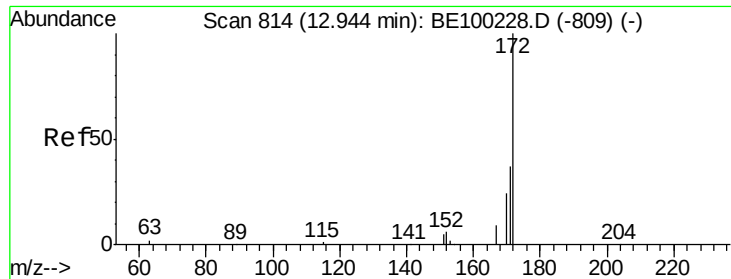
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#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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





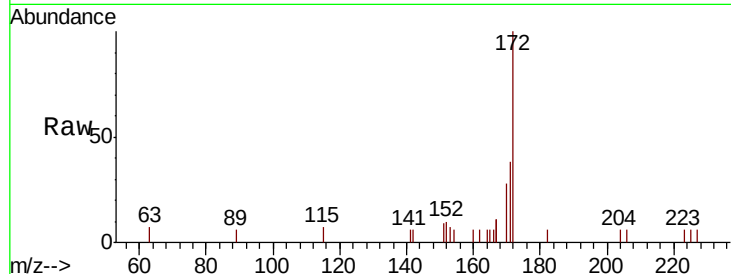
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.9	47.9
170	28.1	22.2	33.2

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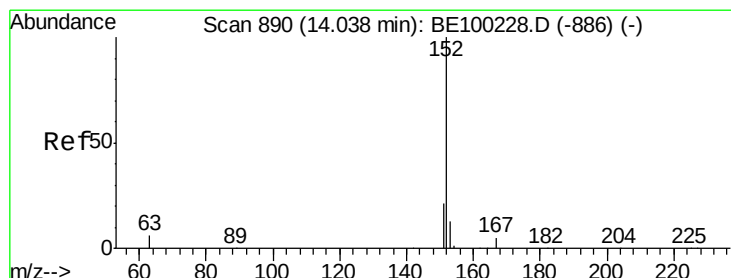
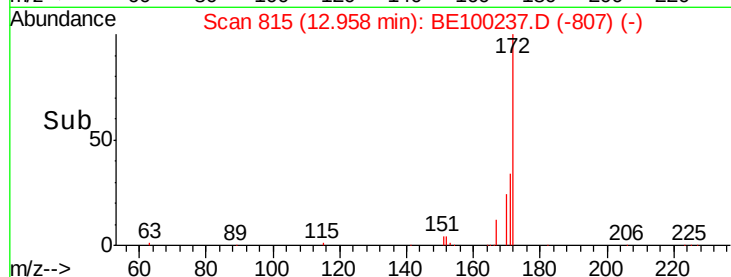
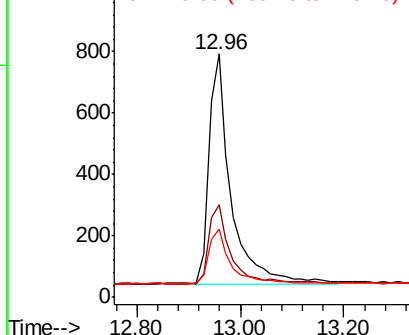


Abundance

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

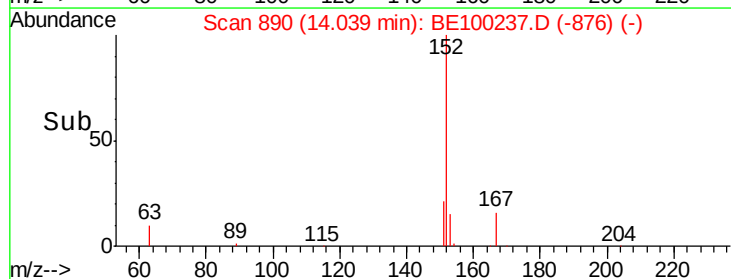
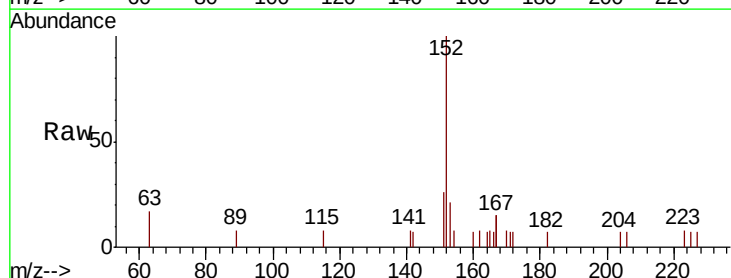
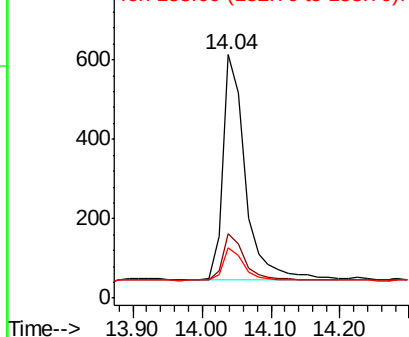
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	14.4	10.5	15.7

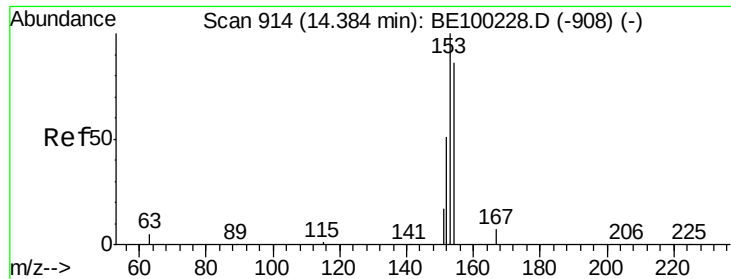
Abundance

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





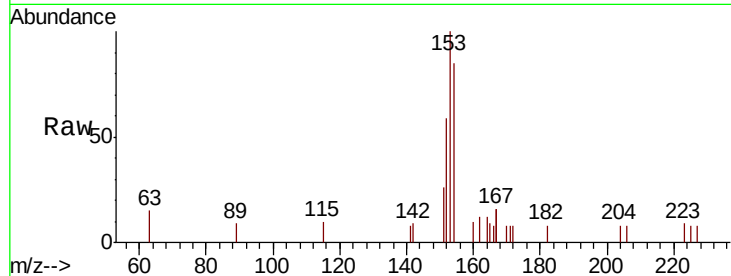
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

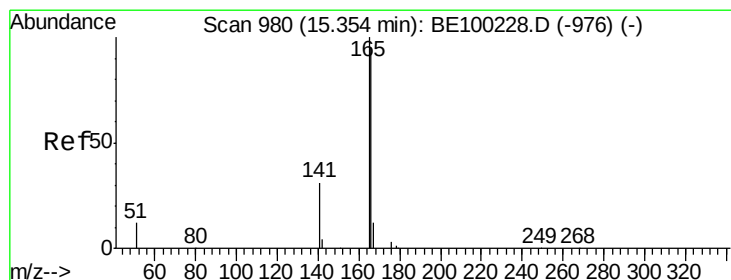
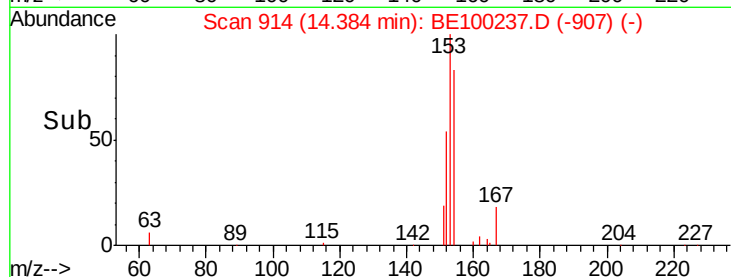
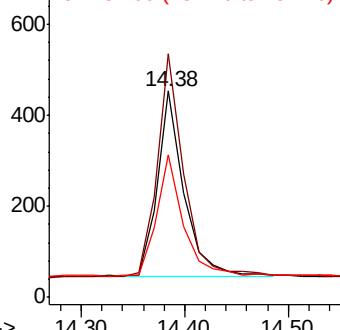
Tot Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.4	140.2
152	68.1	49.4	74.2

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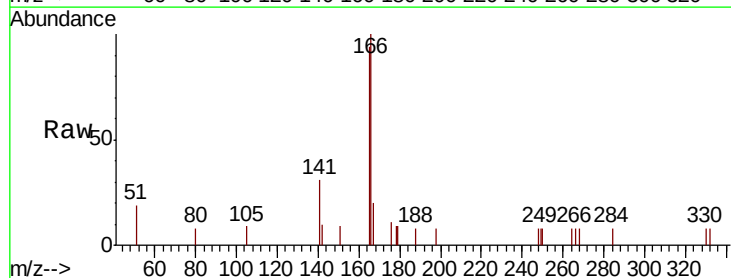


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

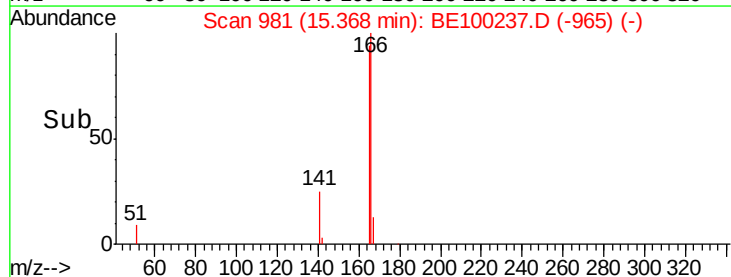
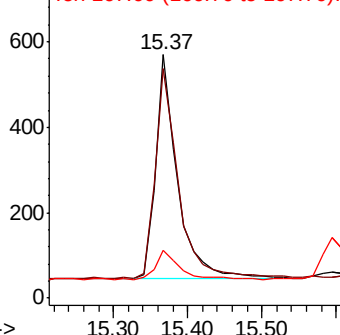


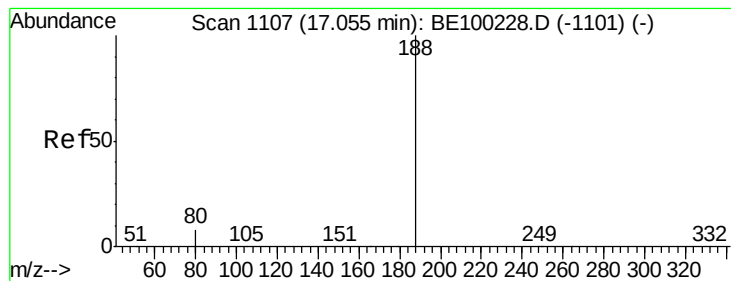
#18
Fluorene
Concen: 0.194 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion	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

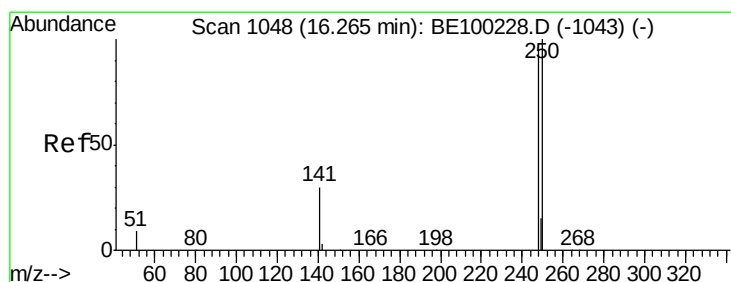
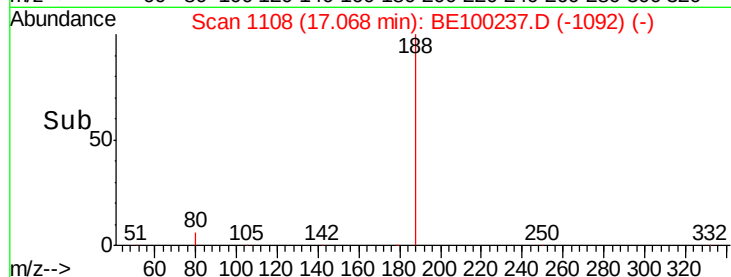
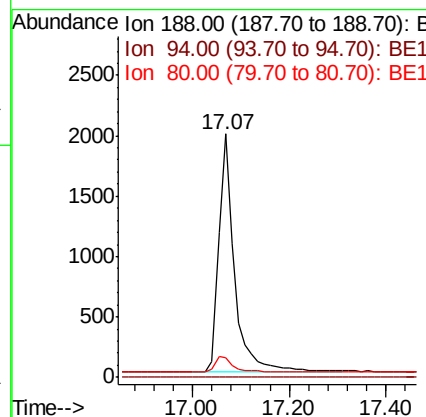
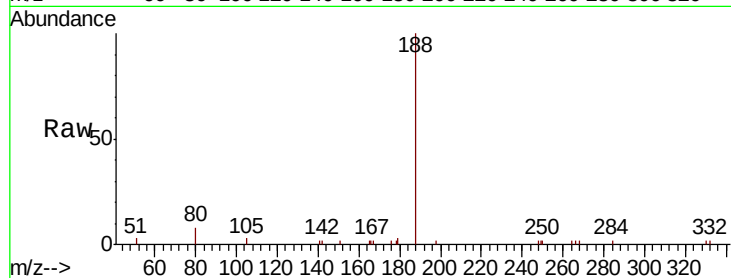
ClientSampleId :

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Tot Ion:	188	Resp:	4429
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.8	7.6	11.4

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#20

4-Bromophenyl-phenylether

Concen: 0.177 ng

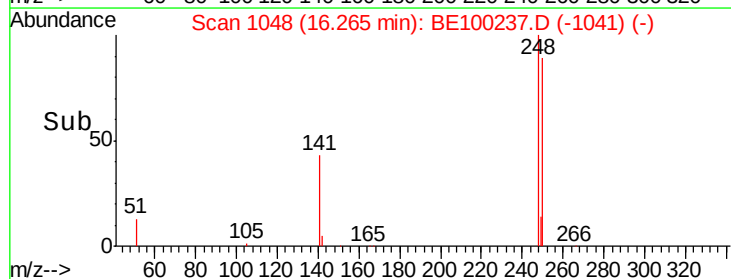
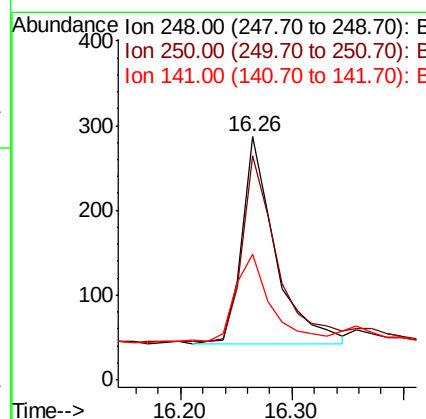
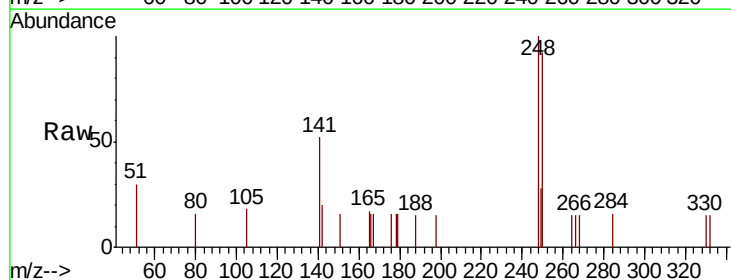
RT: 16.26 min Scan# 1048

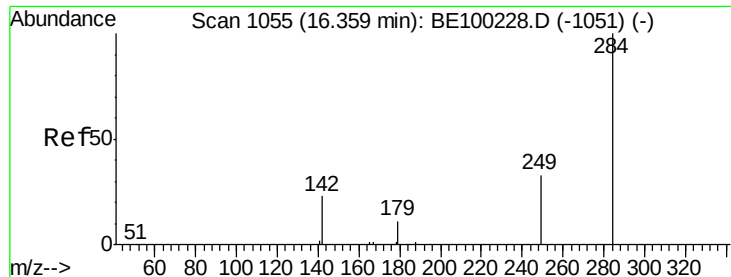
Delta R.T. -0.00 min

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#





#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

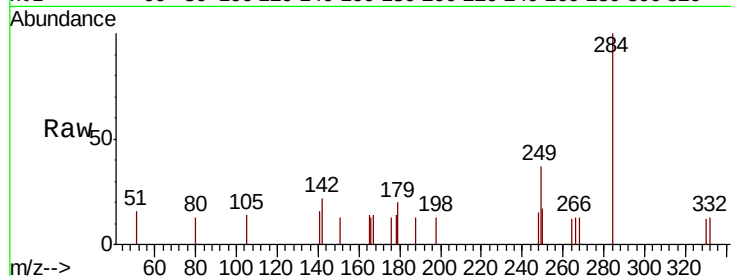
ClientSampleId :

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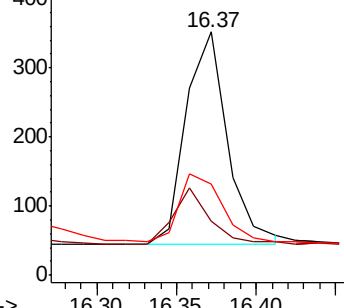
Tot Ion:	284	Resp:	554
Ion Ratio	Lower	Upper	
284	100		
142	23.1	18.8	28.2
249	32.9	23.7	35.5

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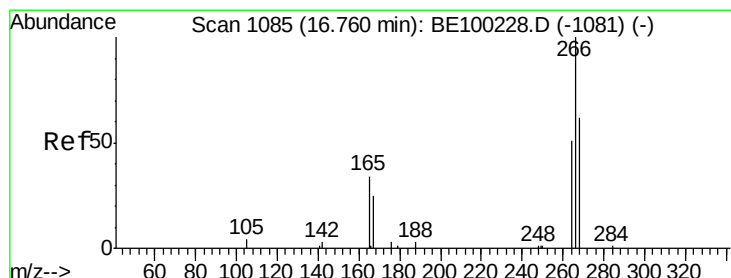
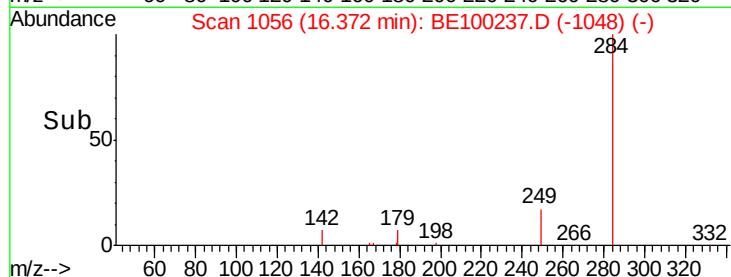
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.292 ng

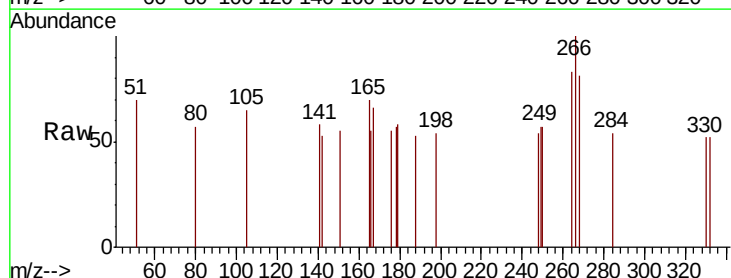
RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

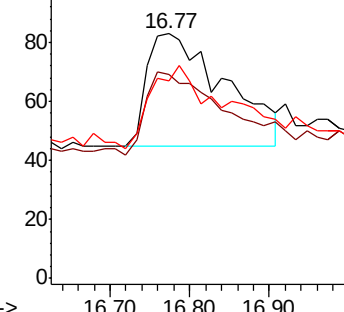
Lab File: BE100237.D

Acq: 28 Jun 2019 16:38

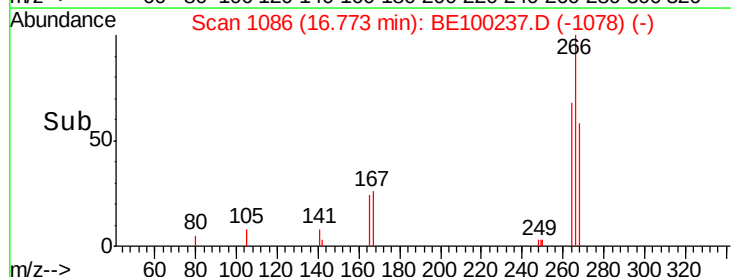
Tgt Ion:	266	Resp:	258
Ion Ratio	Lower	Upper	
266	100		
264	83.1	56.2	84.2
268	80.7	61.8	92.6

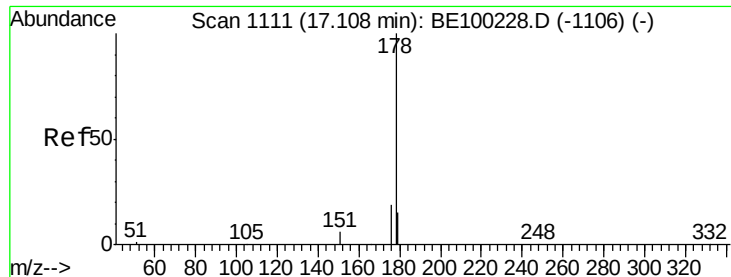


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#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

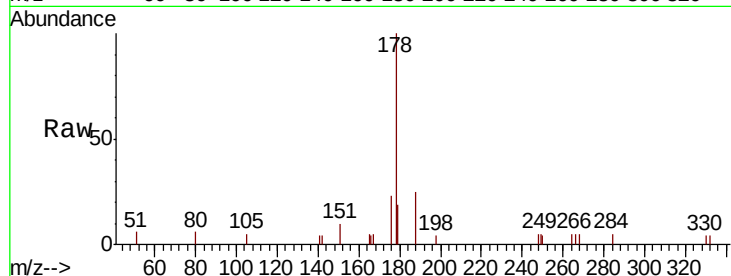
ClientSampleId :

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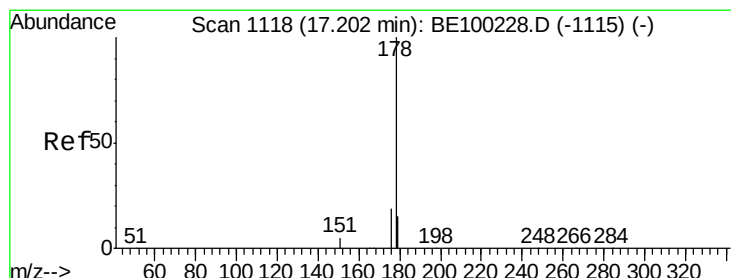
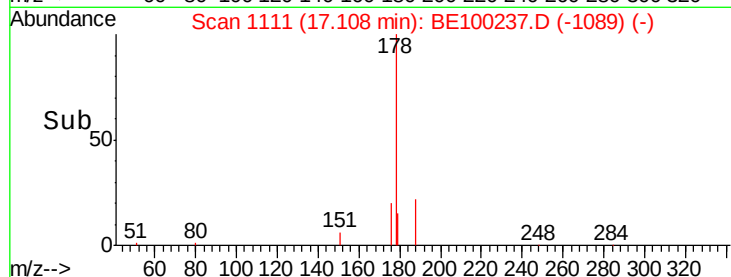
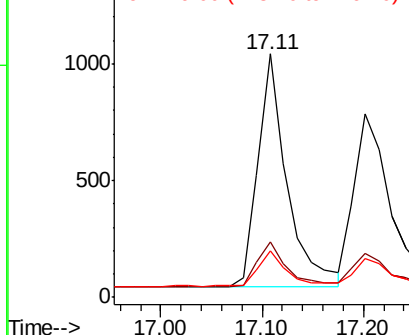
Tot Ion:178	Resp:	1998
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.9 23.9
179	15.6	12.2 18.2

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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

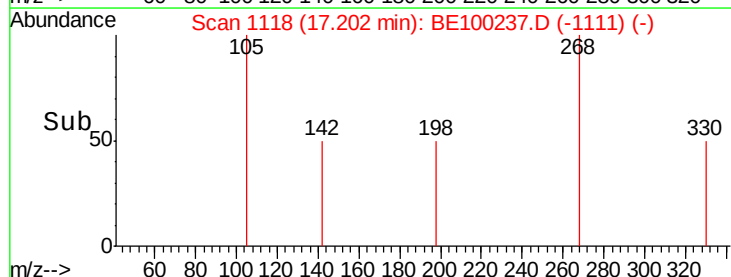
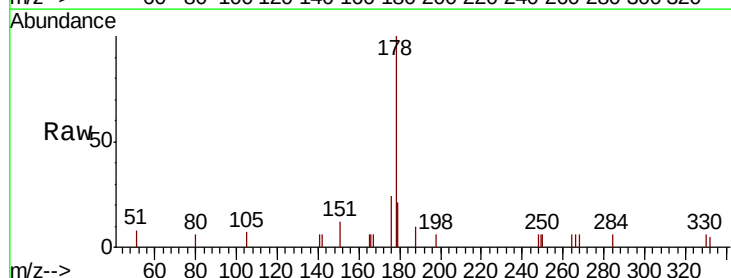
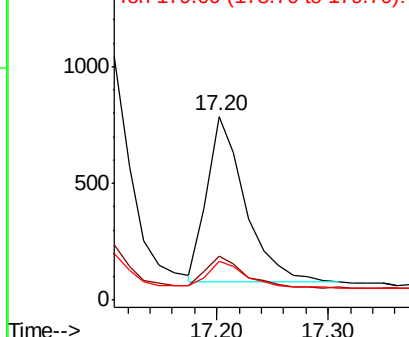
Delta R.T. -0.00 min

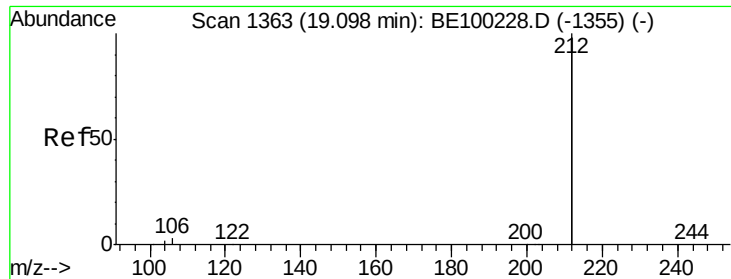
Lab File: BE100237.D

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

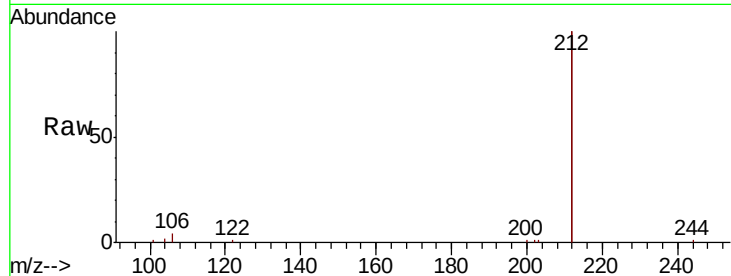
ClientSampleId :

LOQ-WATER-02-QT2-2019

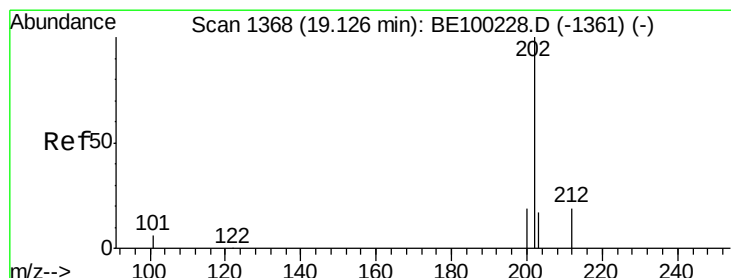
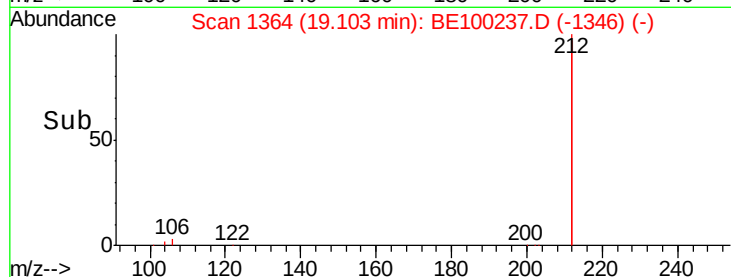
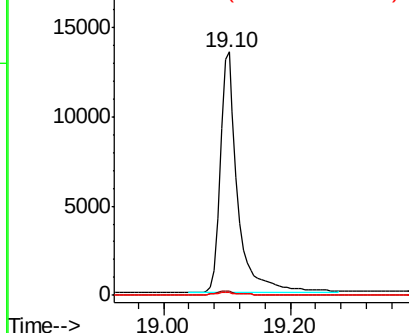
Tot Ion:	212	Resp:	25549
Ion Ratio	Lower	Upper	
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

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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

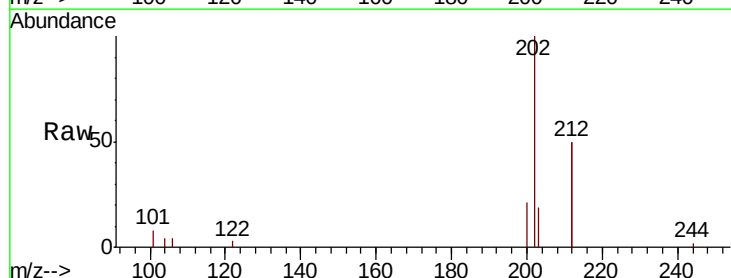
RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

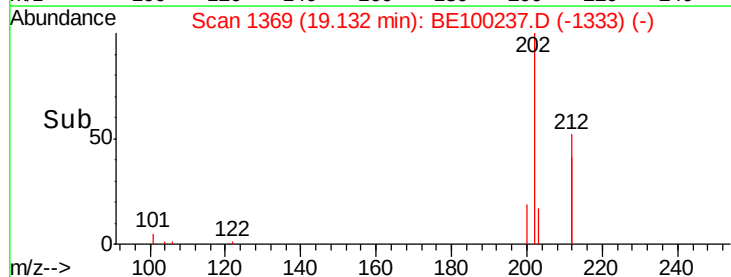
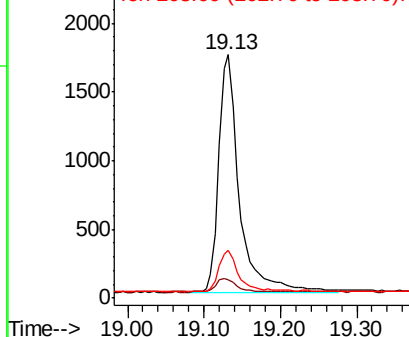
Lab File: BE100237.D

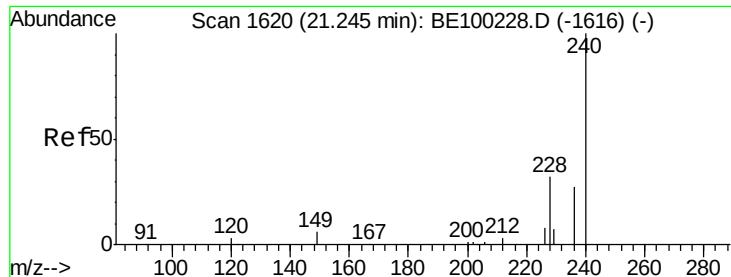
Acq: 28 Jun 2019 16:38

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





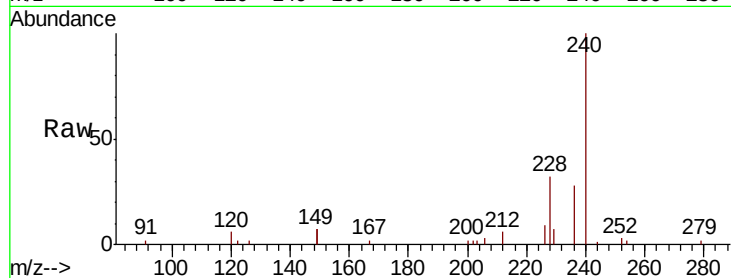
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	3.3	4.9#
236	28.3	22.6	34.0

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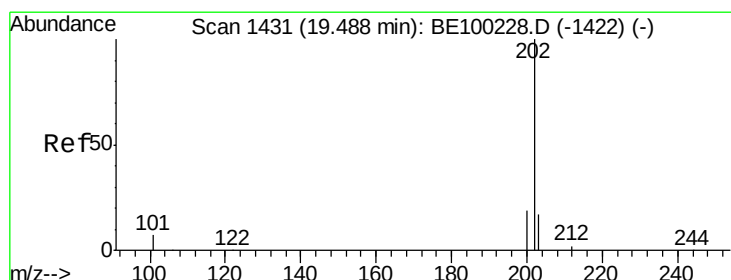
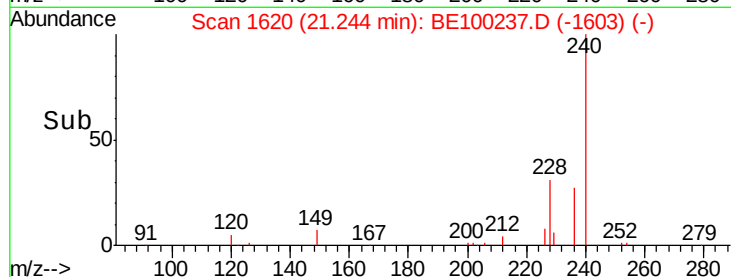
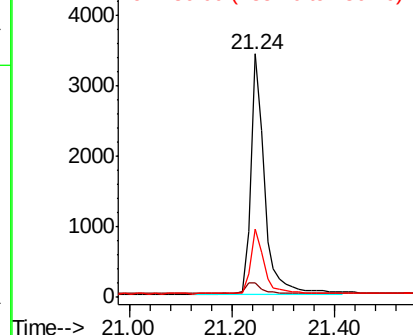


Abundance

Ion 240.00 (239.70 to 240.70): E

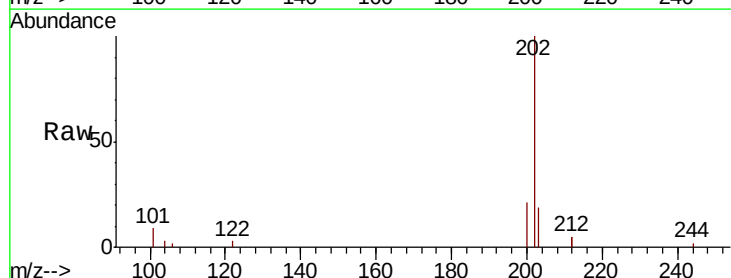
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.197 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	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	17.9	14.0	21.0

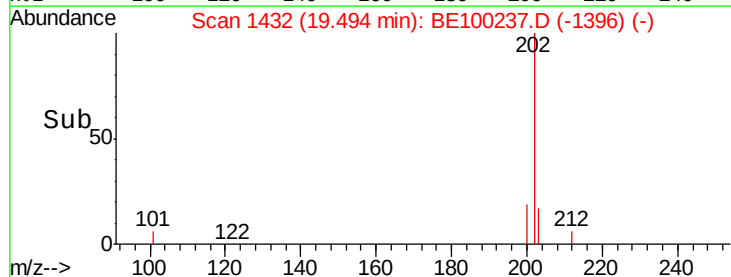
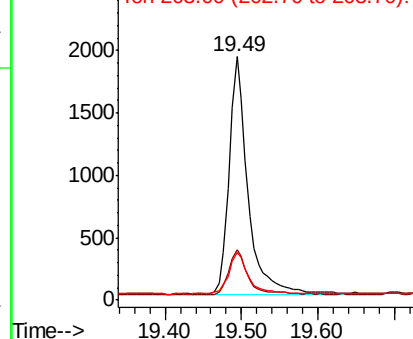


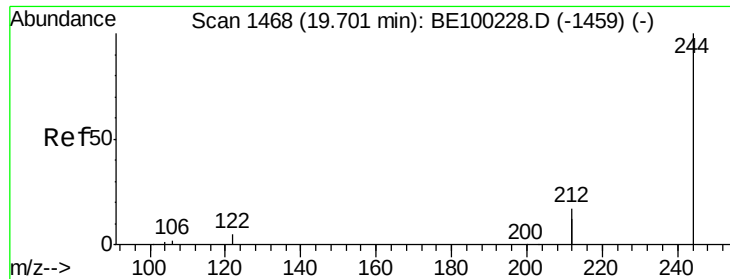
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





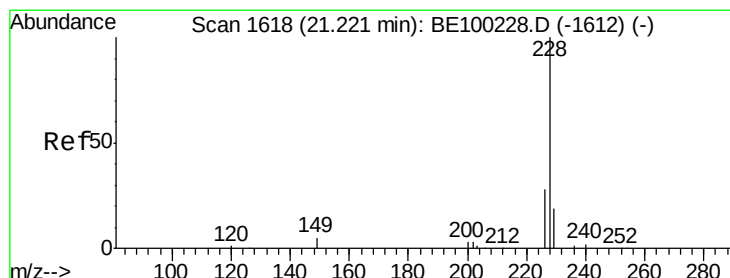
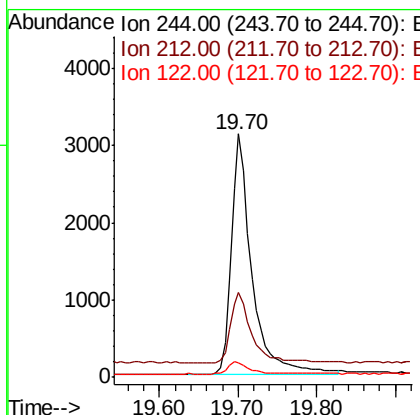
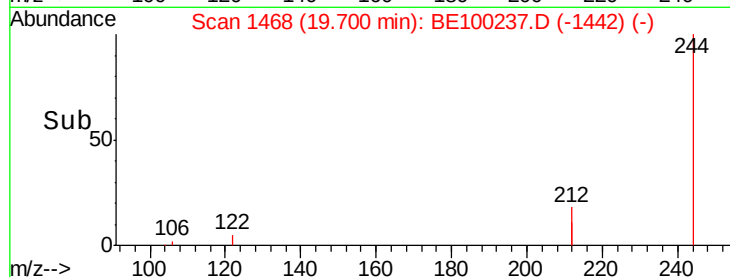
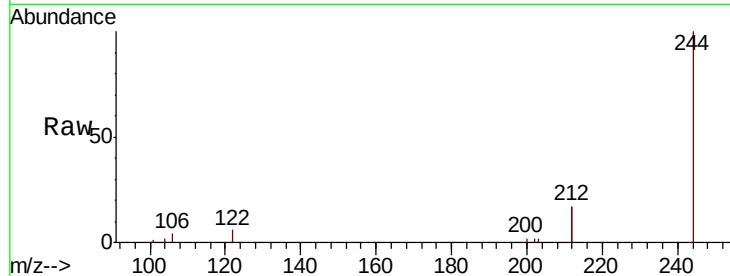
#29
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.70 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BE100237.D
 Acq: 28 Jun 2019 16:38

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.7	27.3	40.9
122	6.2	4.7	7.1

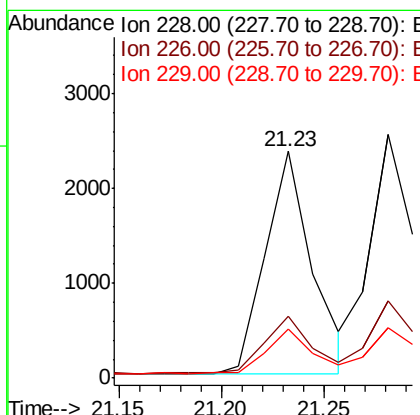
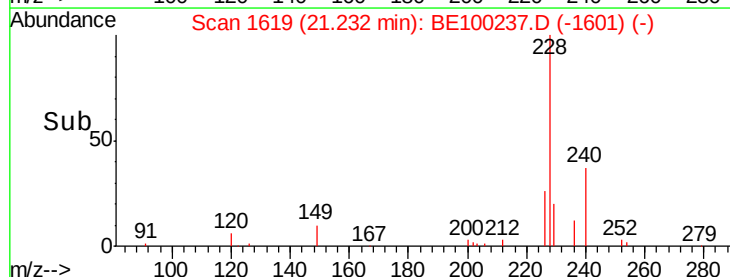
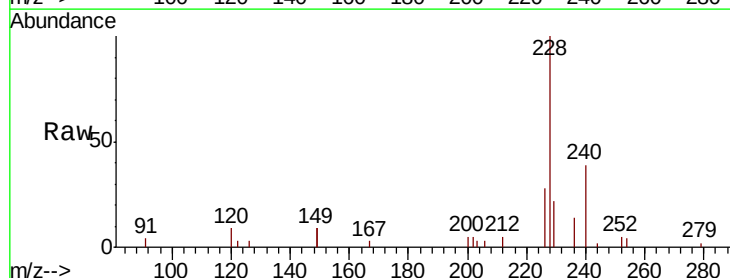
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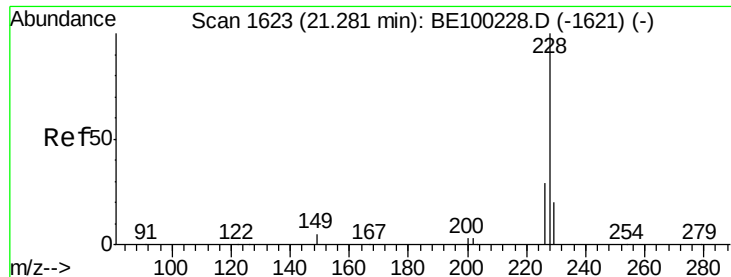
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#30
 Benzo(a)anthracene
 Concen: 0.181 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BE100237.D
 Acq: 28 Jun 2019 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.2	34.8
229	21.8	15.7	23.5





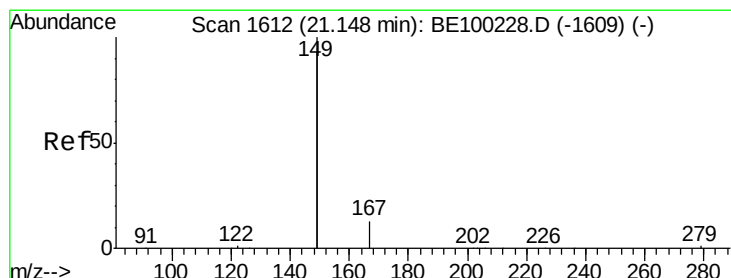
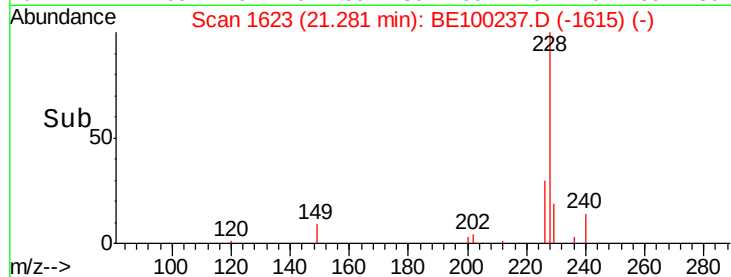
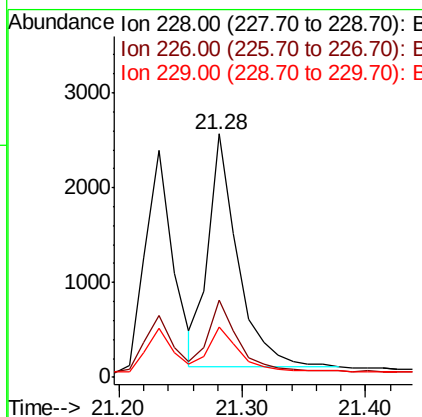
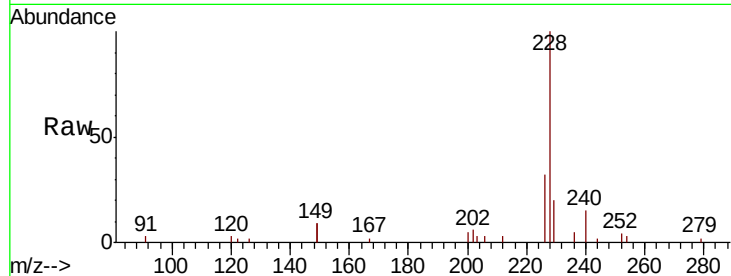
#31
Chrysene
Concen: 0.197 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

Tot Ion:228	Resp:	4075
Ion Ratio	Lower	Upper
228 100		
226 31.5	23.9	35.9
229 20.4	16.5	24.7

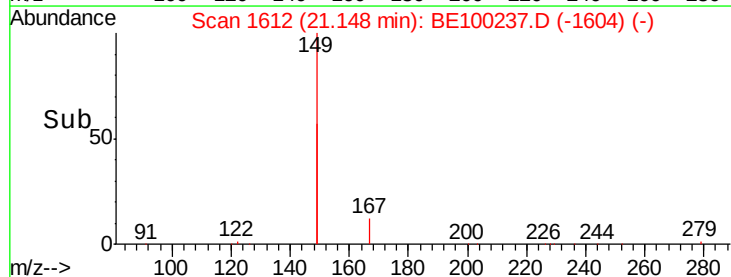
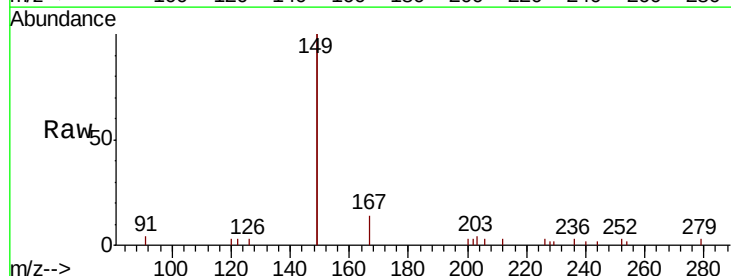
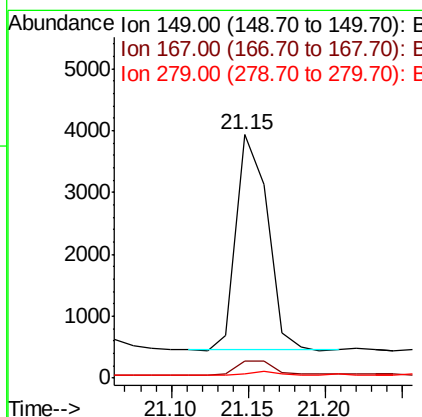
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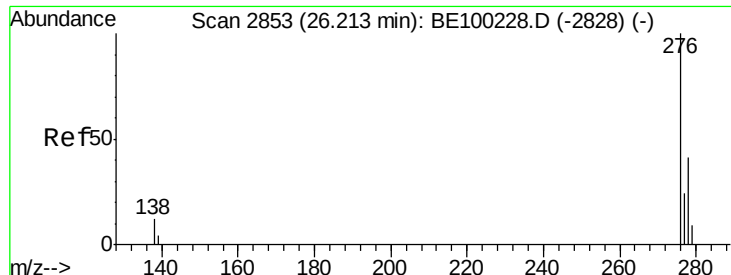
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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#





#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

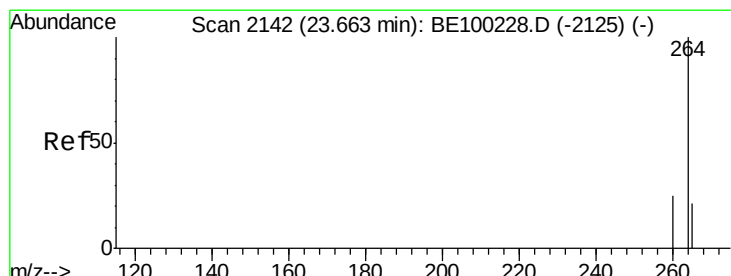
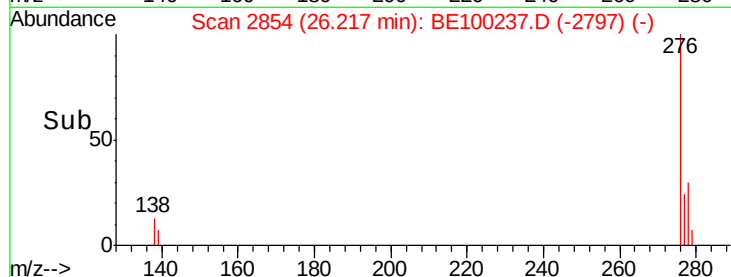
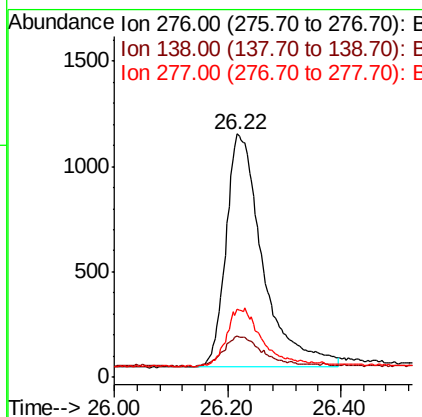
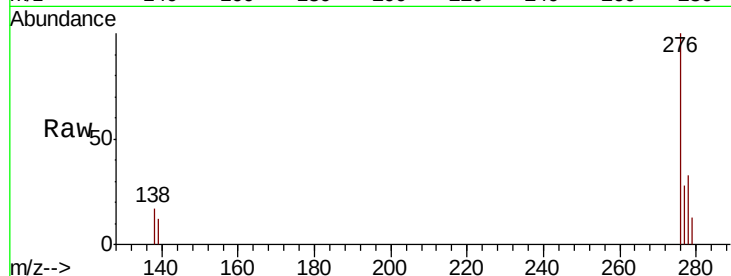
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	276	Resp:	4997
Ion Ratio	Lower	Upper	
276	100		
138	13.5	9.4	14.0
277	23.7	19.2	28.8

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#34

Perylene-d12

Concen: 0.400 ng

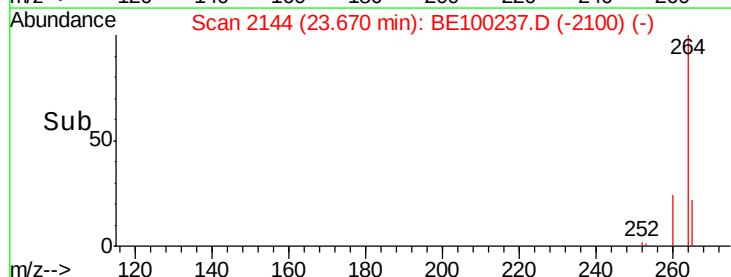
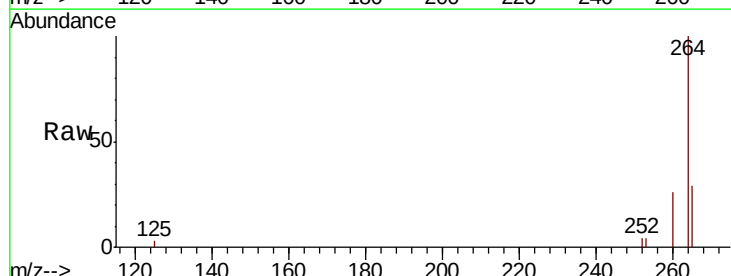
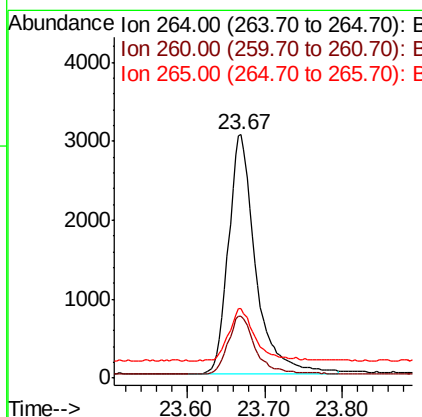
RT: 23.67 min Scan# 2144

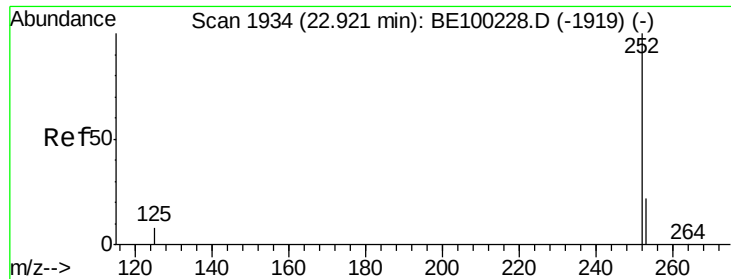
Delta R.T. 0.01 min

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





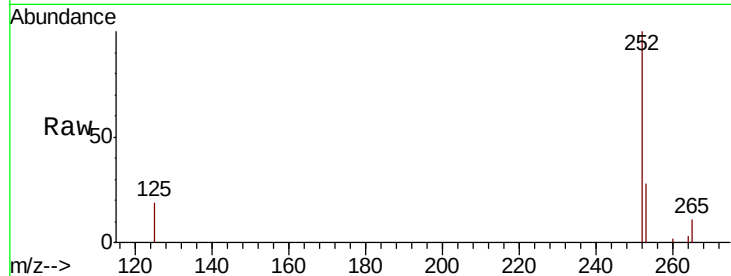
#35
Benzo(b)fluoranthene
Concen: 0.190 ng m
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

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

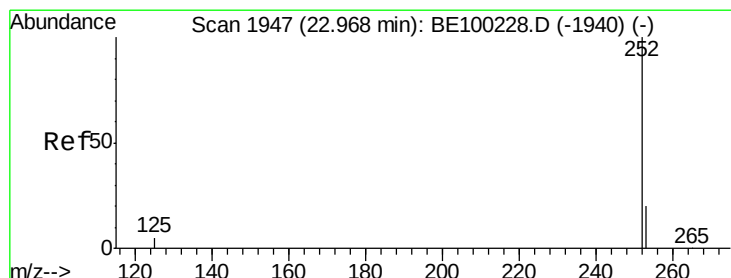
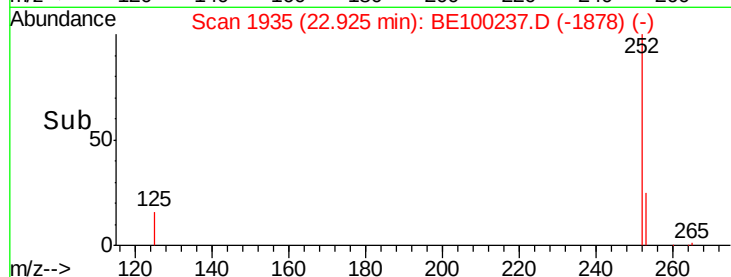
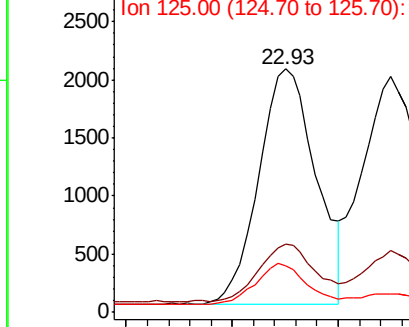
Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.2	28.8
125	19.0	7.4	11.0#

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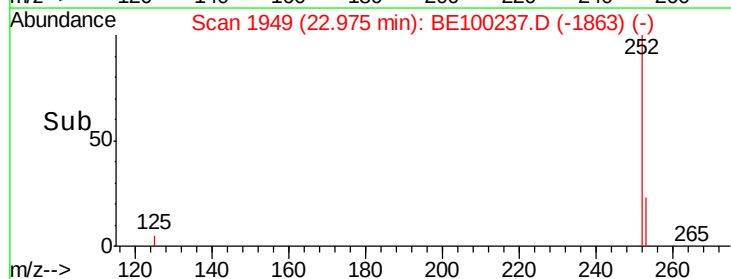
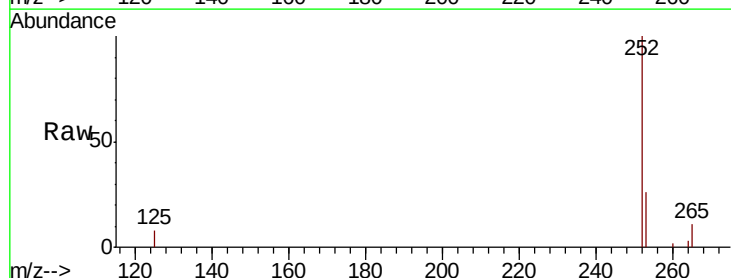
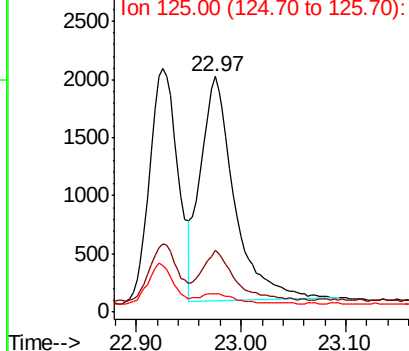
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

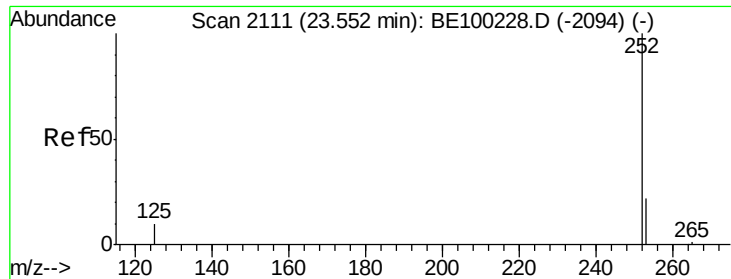


#36
Benzo(k)fluoranthene
Concen: 0.195 ng
RT: 22.97 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Tgt Ion	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





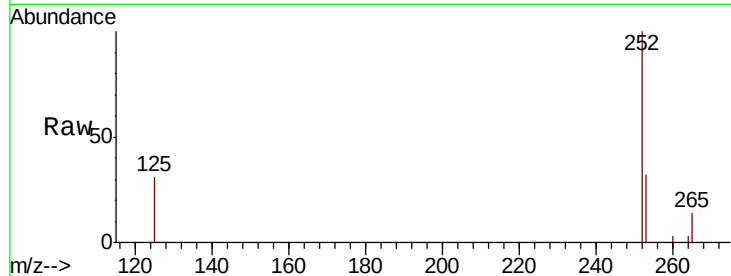
#37
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.56 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE100237.D
Acq: 28 Jun 2019 16:38

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.6	29.4#
125	30.5	9.0	13.6#

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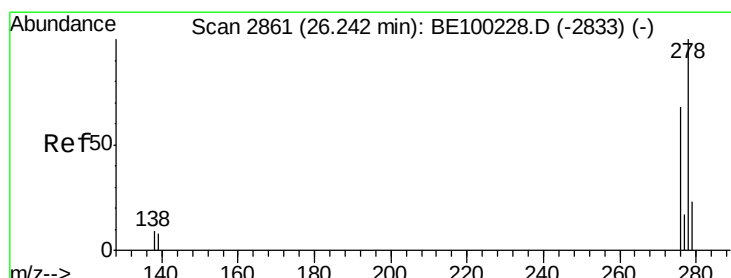
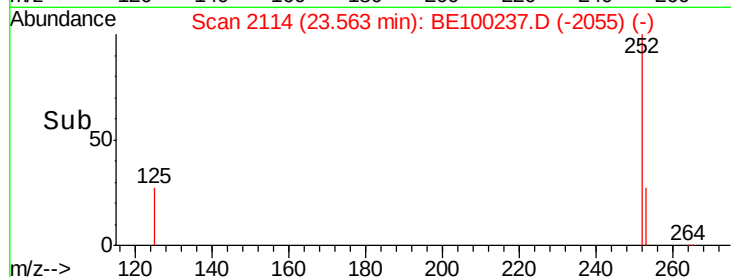
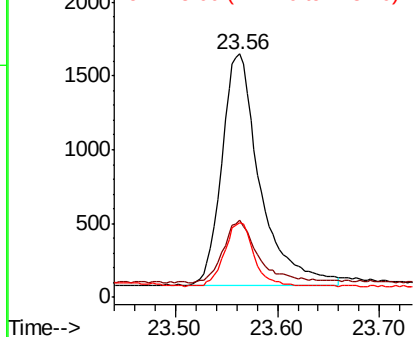


Abundance

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

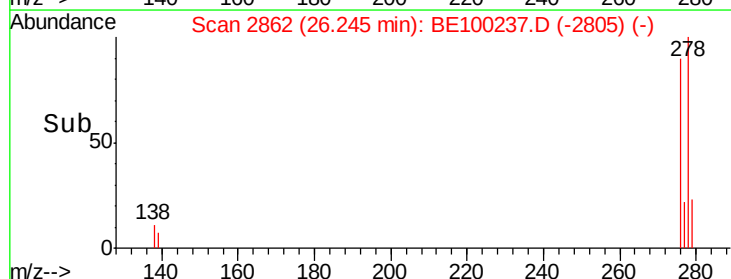
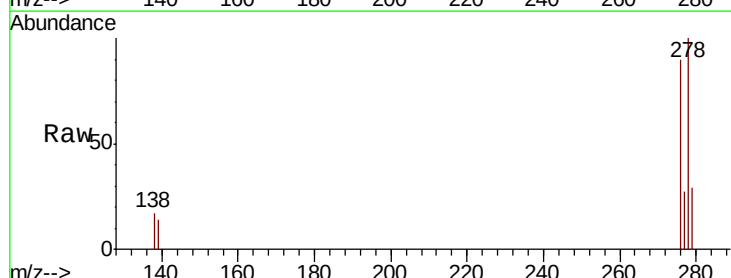
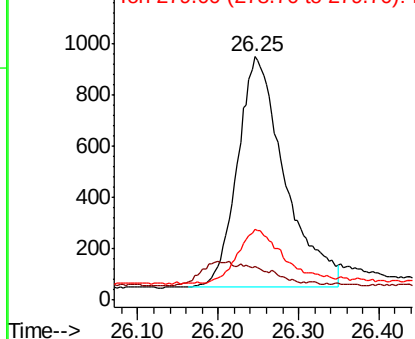
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	8.2	12.2#
279	29.2	20.3	30.5

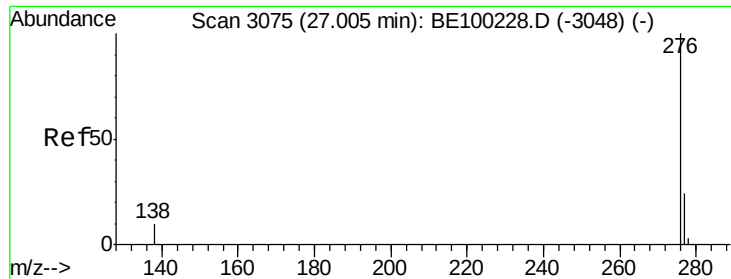
Abundance

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(a,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

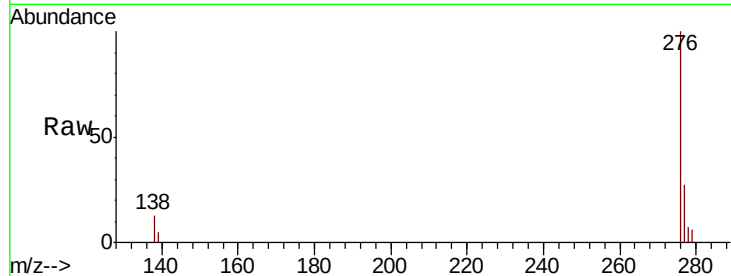
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	276	Resp:	4277
Ion Ratio	Lower	Upper	
276	100		
277	27.4	20.2	30.2
138	13.4	9.0	13.6

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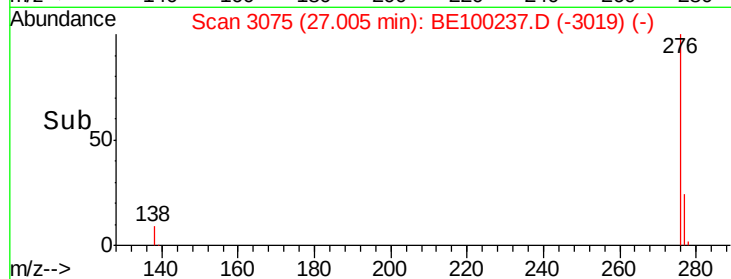
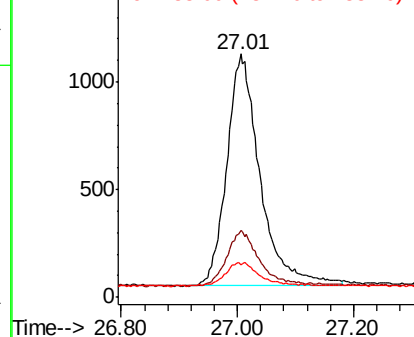


Abundance

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
 Data File : BE100237.D
 Acq On : 28 Jun 2019 16:38
 Operator : JU/SJ
 Sample : K2241-08
 Misc : LOO-W-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 29 00:24:17 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	22.93	252	3816m	0.190	ng	
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