

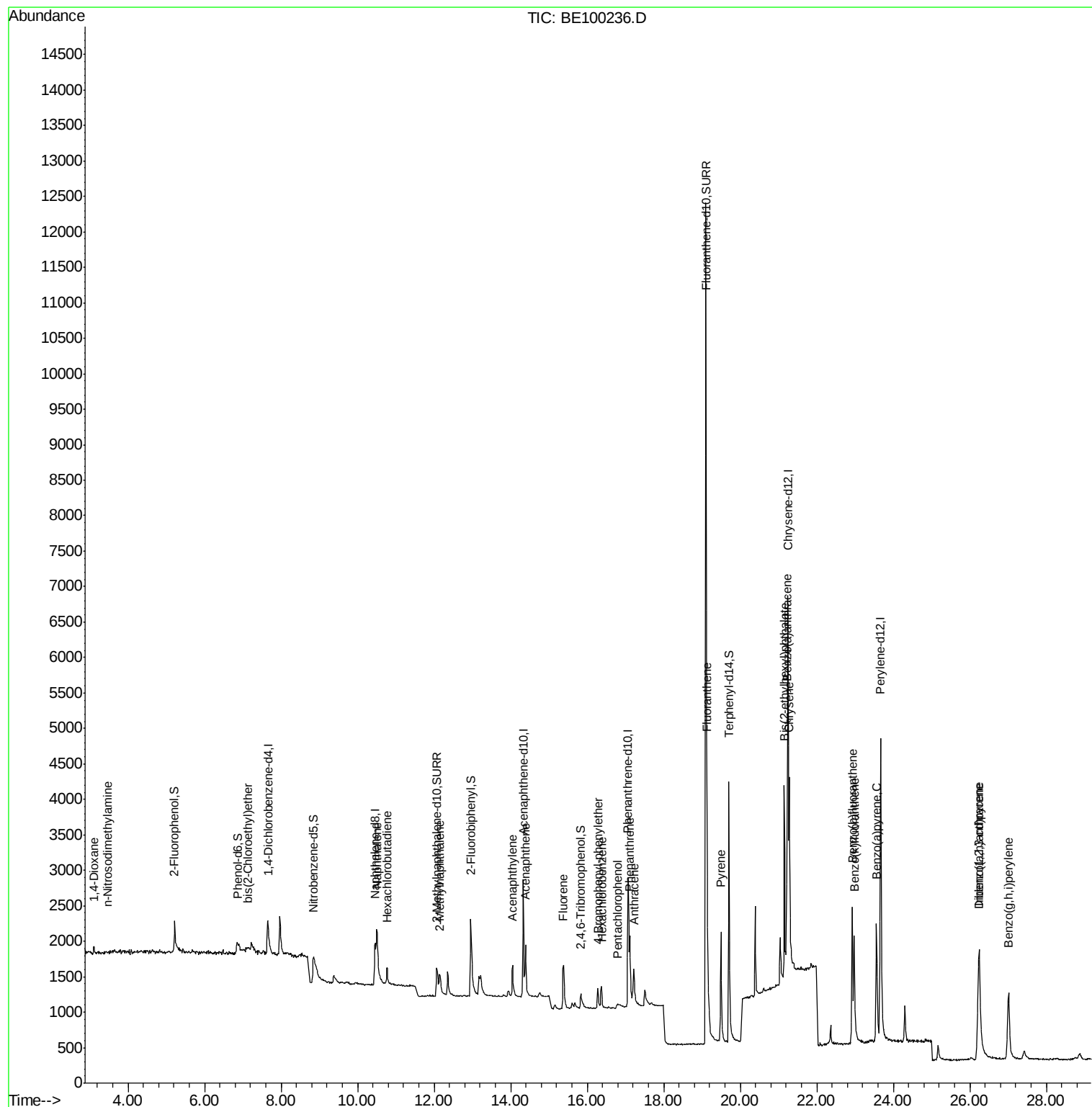
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100236.D
Acq On : 28 Jun 2019 16:02
Operator : JU/SJ
Sample : K2241-07
Misc : LOD-W-0.1PPM
ALS Vial : 12 Sample Multiplier: 1

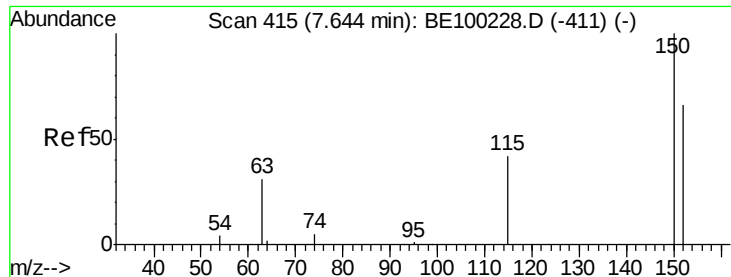
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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Quant Time: Jun 29 00:22:52 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

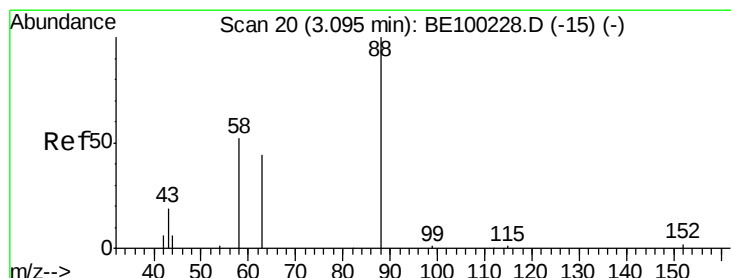
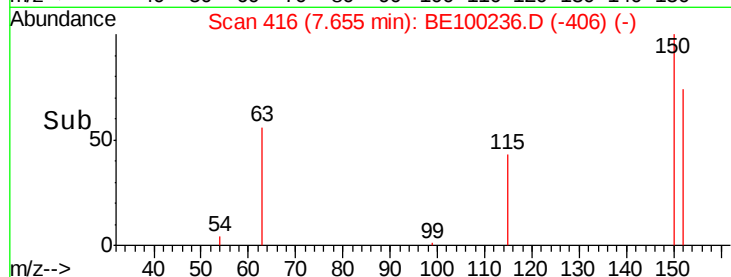
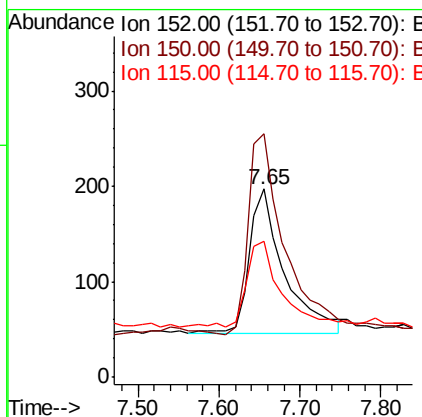
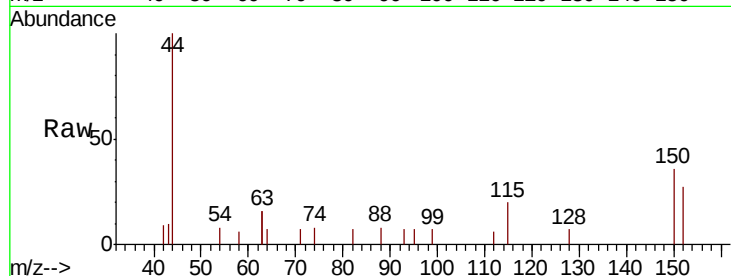
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	129.4	114.5	171.7
115	72.6	57.1	85.7

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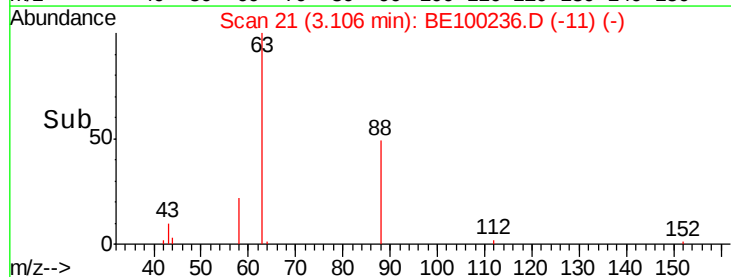
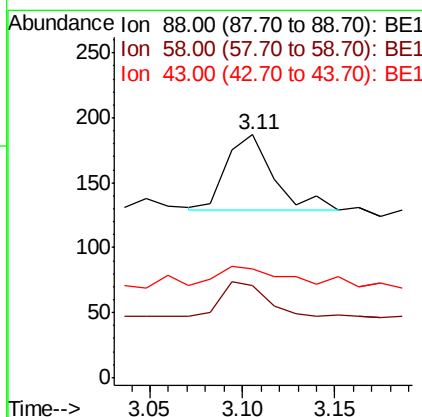
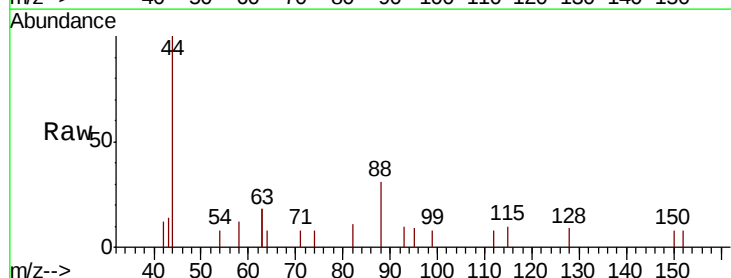
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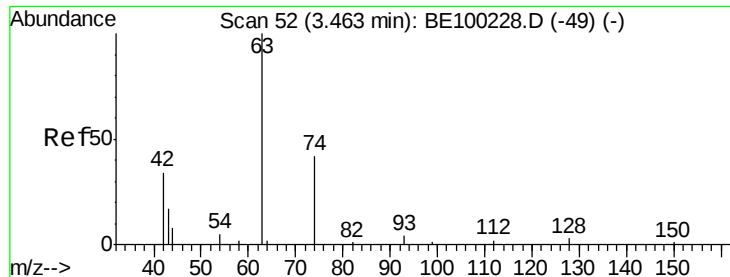


#2

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

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.0	43.6	65.4
43	49.0	21.4	32.0





#3

n-Nitrosodimethylamine

Concen: 0.079 ng/ml

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

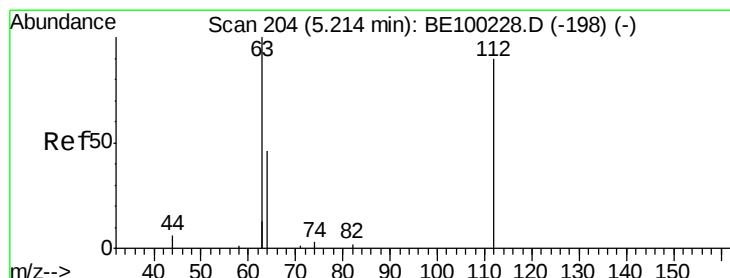
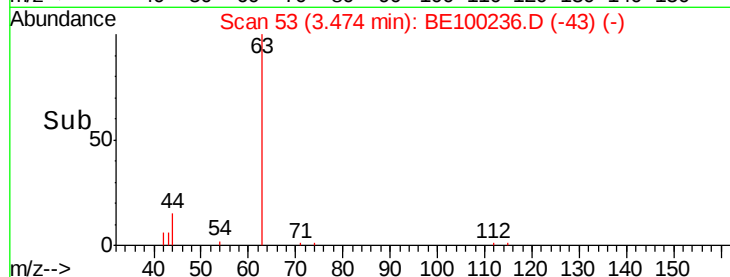
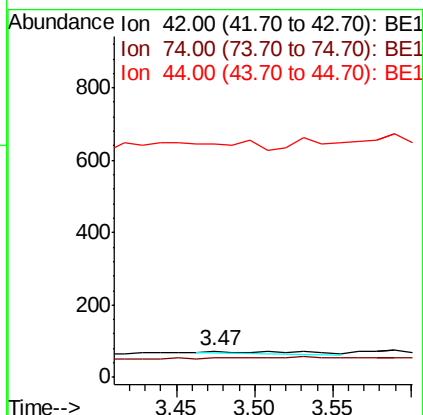
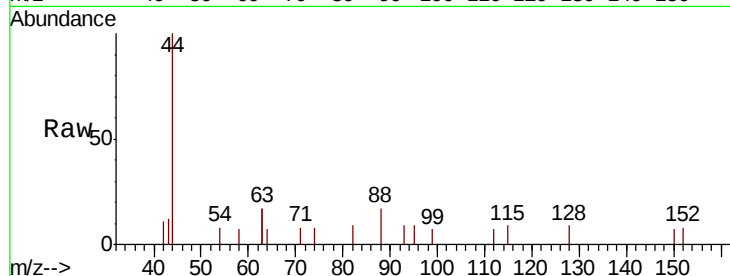
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	42	Resp:	26
Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	0.0	38.0	57.0#

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#4

2-Fluorophenol

Concen: 0.377 ng/ml

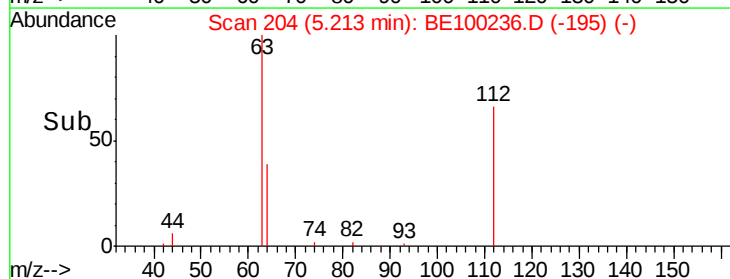
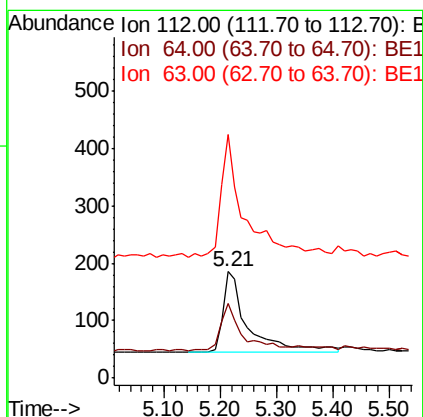
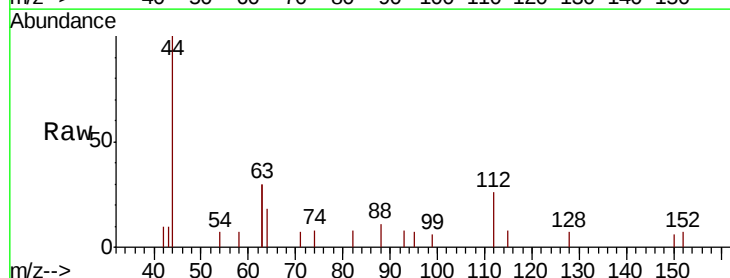
RT: 5.21 min Scan# 204

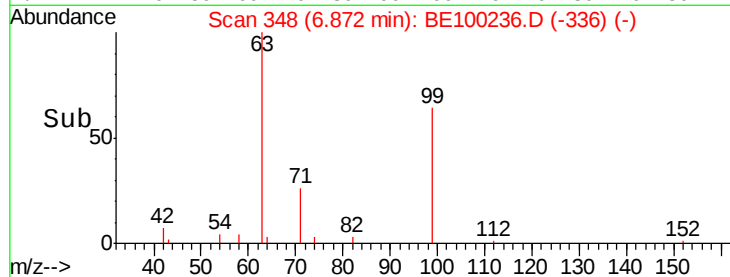
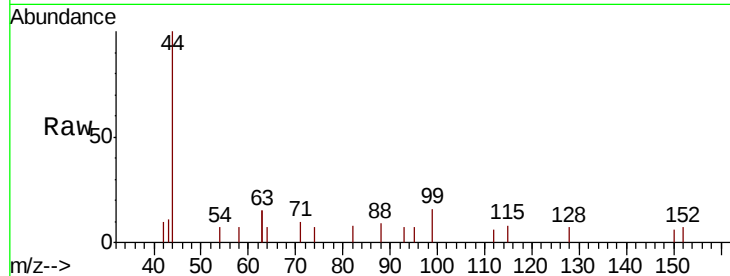
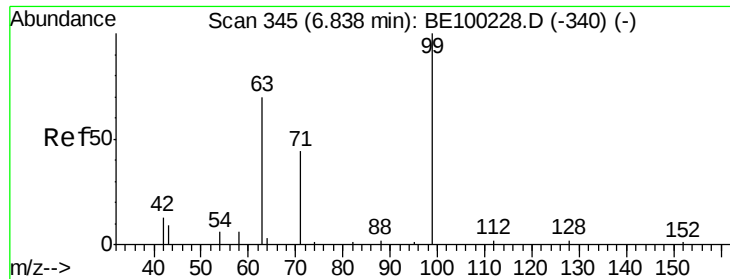
Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	112	Resp:	435
Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.4	59.0
63	147.4	104.5	156.7





#5

Phenol-d6

Concen: 0.305 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

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

Instrument :

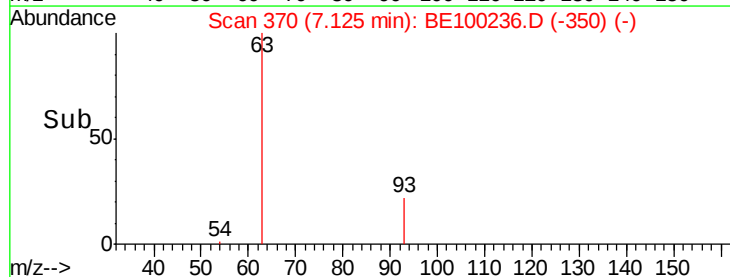
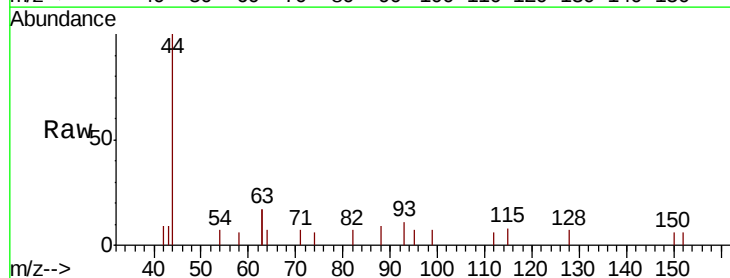
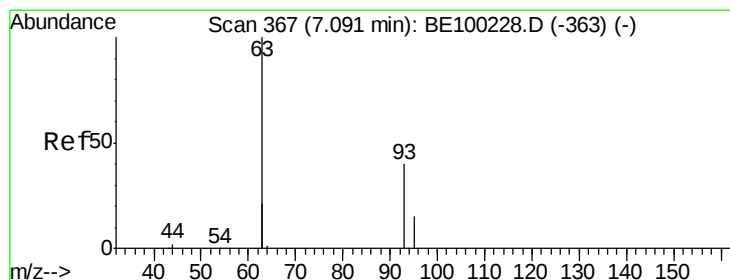
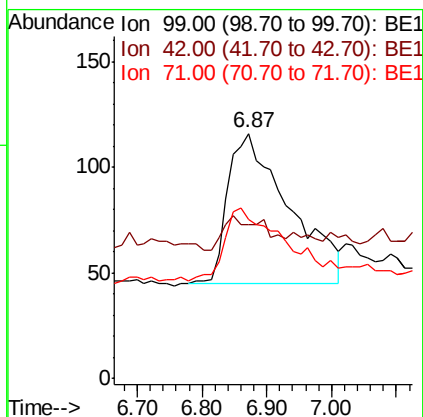
BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

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#6

bis(2-Chloroethyl)ether

Concen: 0.078 ng

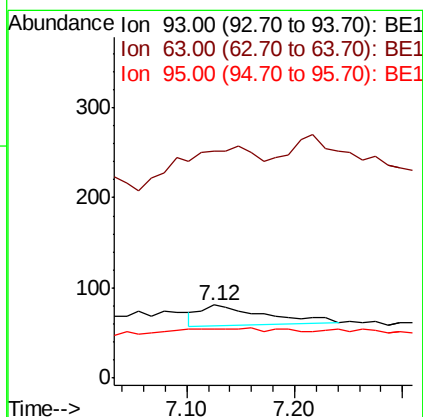
RT: 7.12 min Scan# 370

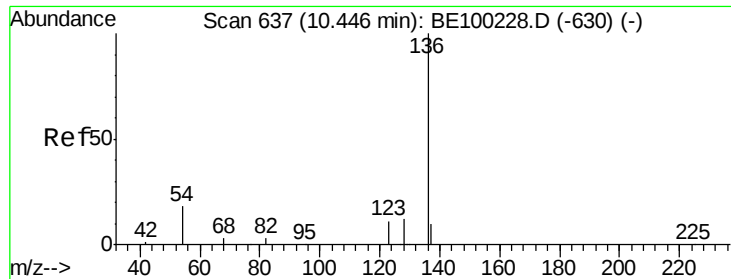
Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:136 Resp: 1548
Ion Ratio Lower Upper

136 100

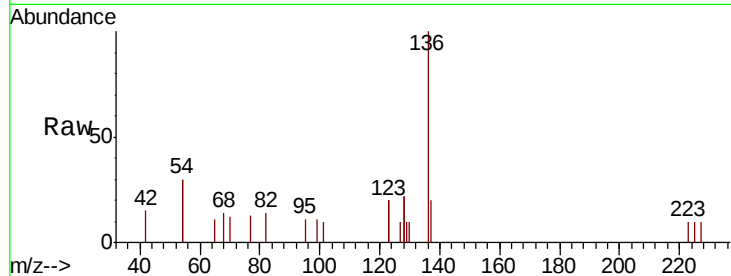
137 20.3 11.8 17.8#

54 59.2 27.7 41.5#

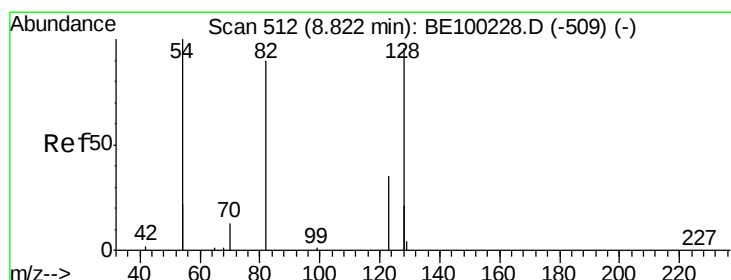
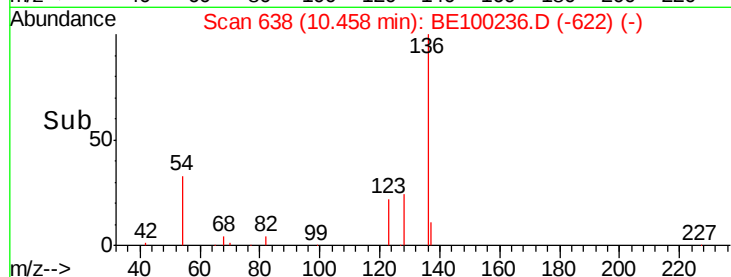
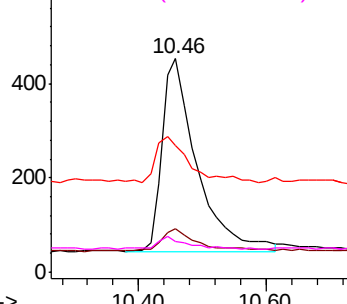
68 14.3 6.8 10.2#

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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: 0.350 ng

RT: 8.85 min Scan# 514

Delta R.T. 0.03 min

Lab File: BE100236.D

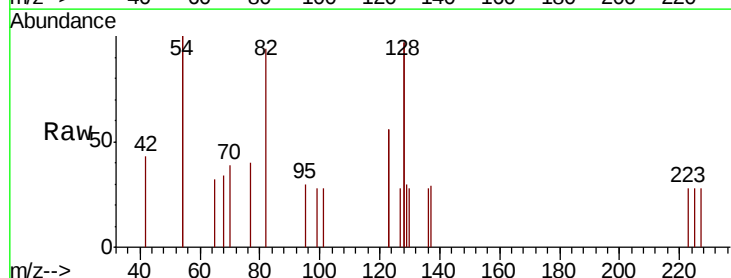
Acq: 28 Jun 2019 16:02

Tgt Ion: 82 Resp: 538
Ion Ratio Lower Upper

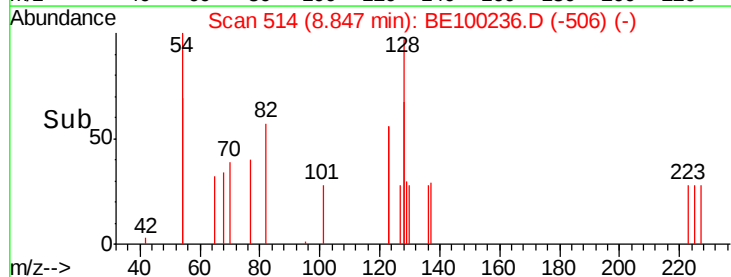
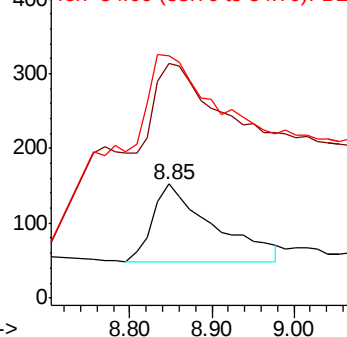
82 100

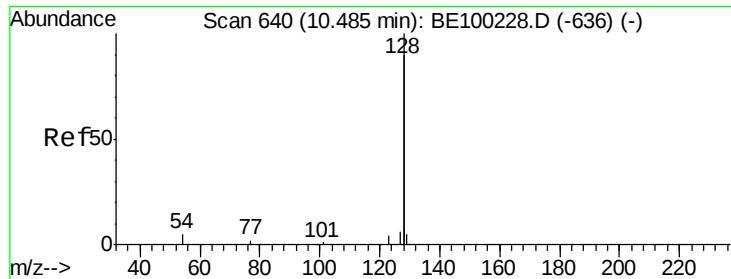
128 206.6 140.9 211.3

54 213.2 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.127 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

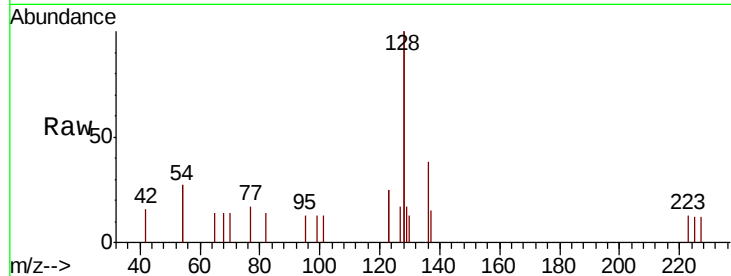
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

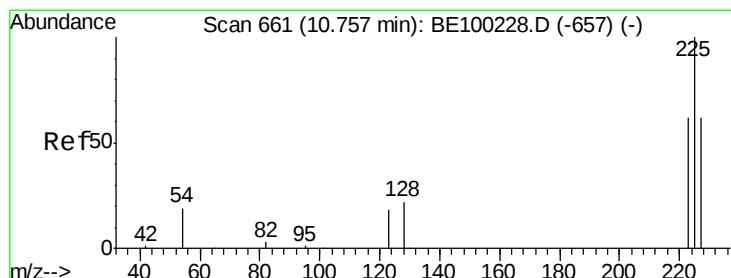
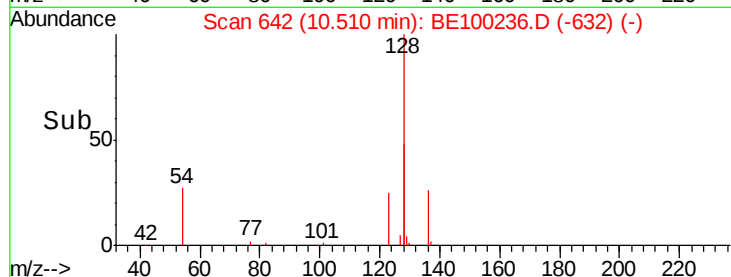
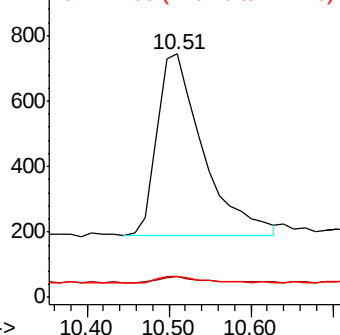
Tot Ion:128	Resp:	2167
Ion Ratio	Lower	Upper
128	100	
129	8.5	3.0 4.6#
127	8.6	3.5 5.3#

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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: 0.124 ng

RT: 10.76 min Scan# 661

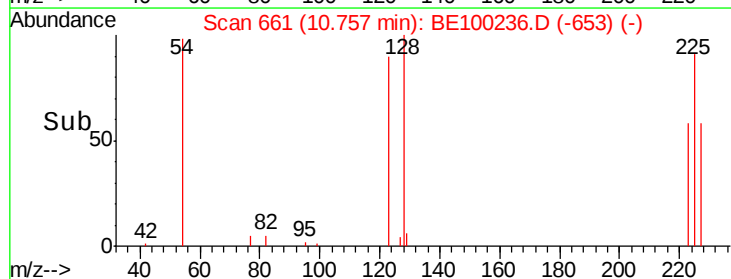
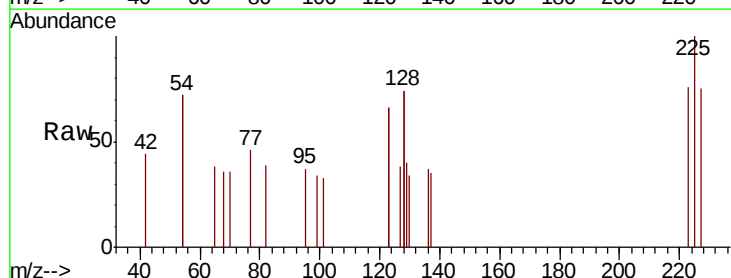
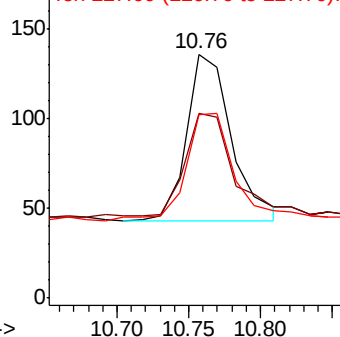
Delta R.T. -0.00 min

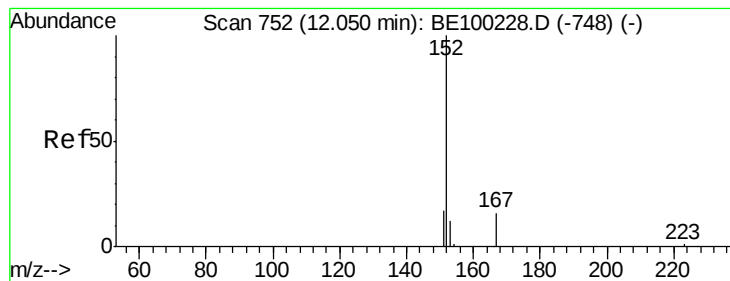
Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:225	Resp:	204
Ion Ratio	Lower	Upper
225	100	
223	63.2	49.1 73.7
227	70.1	49.3 73.9

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





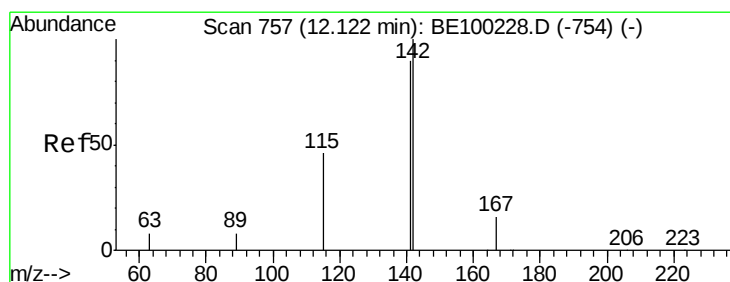
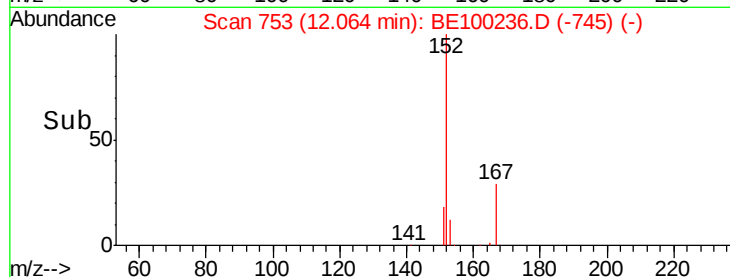
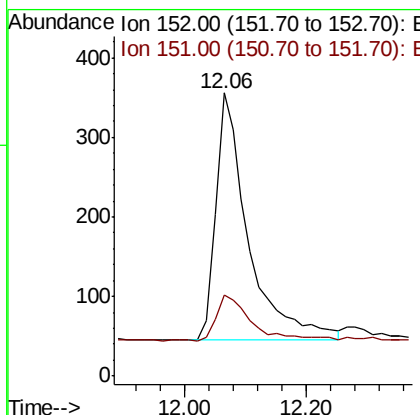
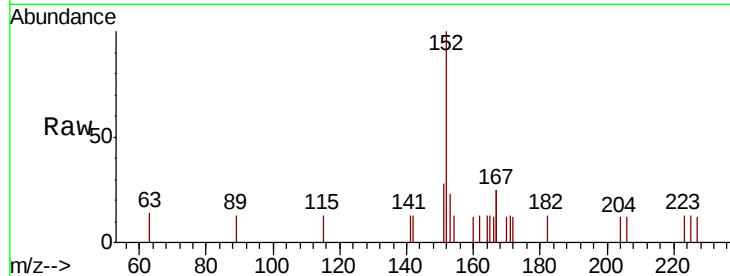
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.06 min Scan# 753
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.1	22.7

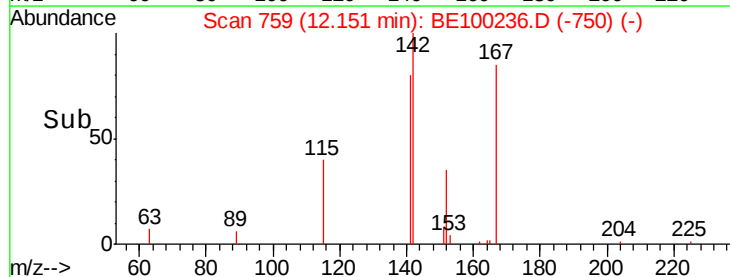
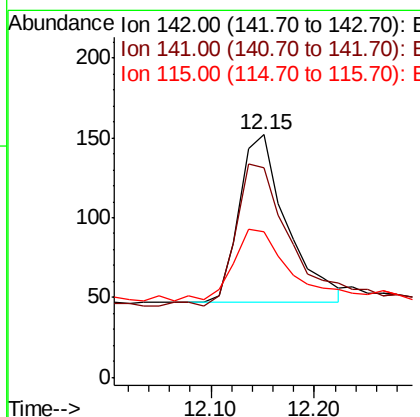
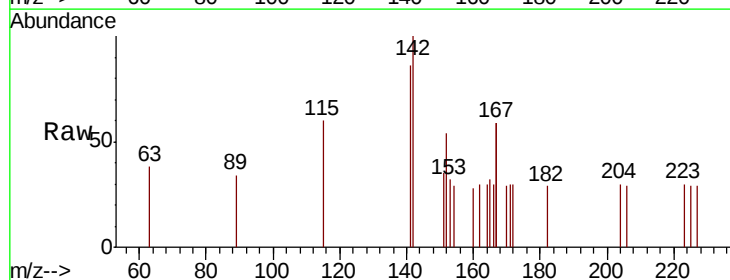
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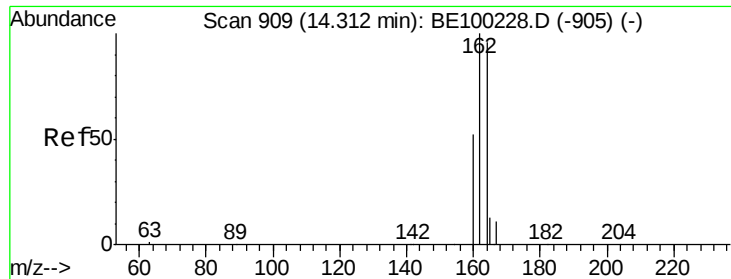
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#12
2-Methylnaphthalene
Concen: 0.112 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.03 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.4	108.6
115	59.9	40.4	60.6





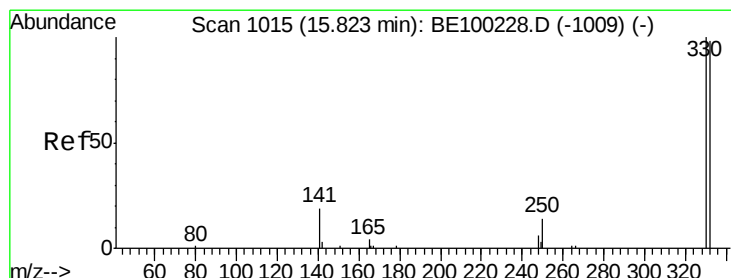
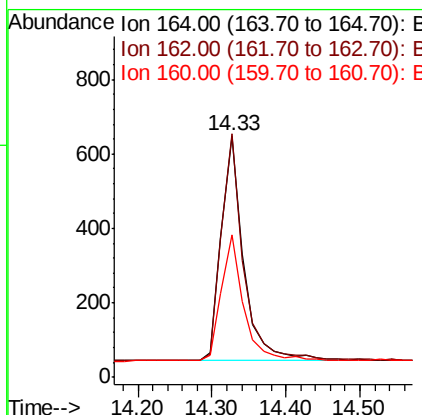
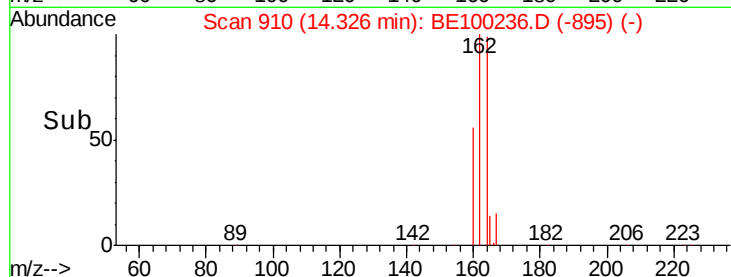
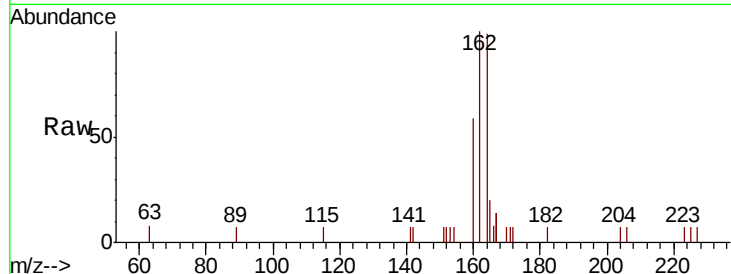
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.4	125.0
160	59.0	45.0	67.6

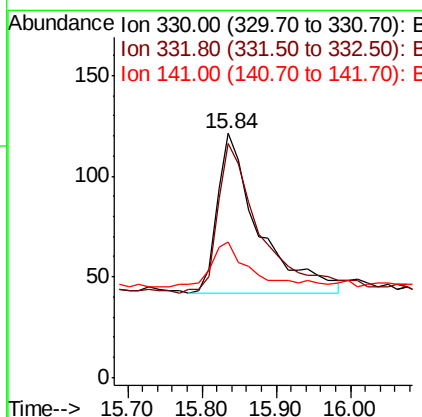
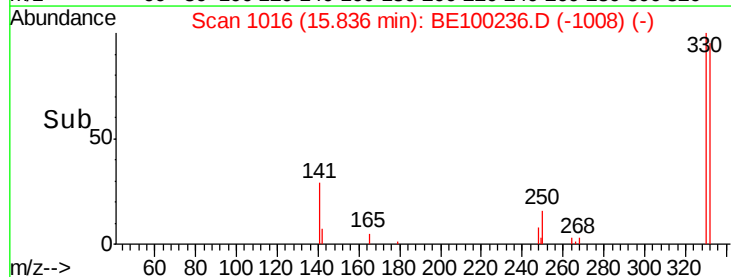
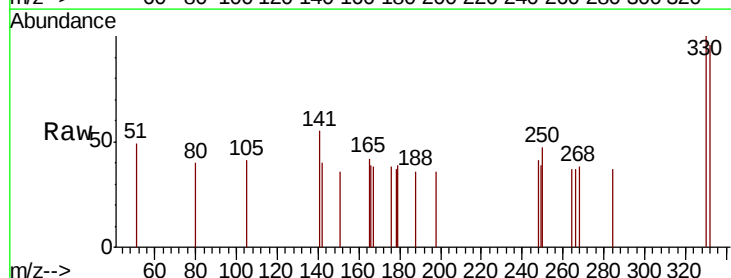
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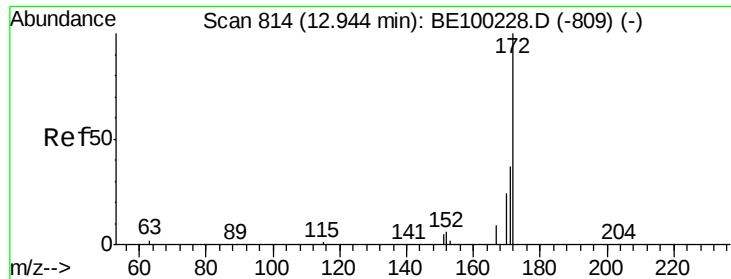
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#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.84 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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





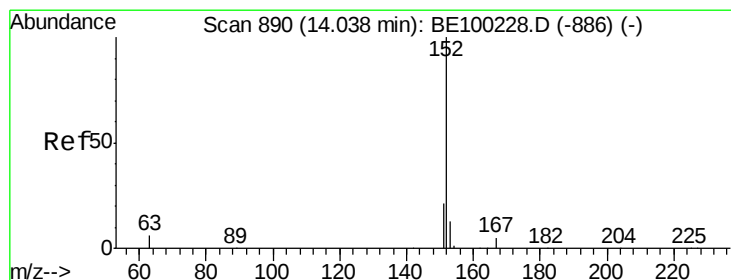
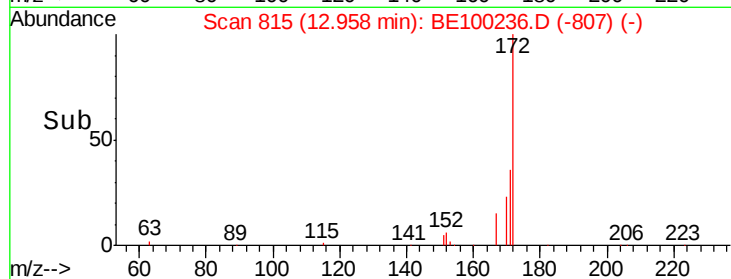
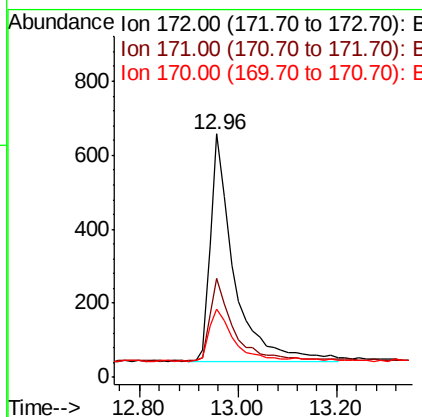
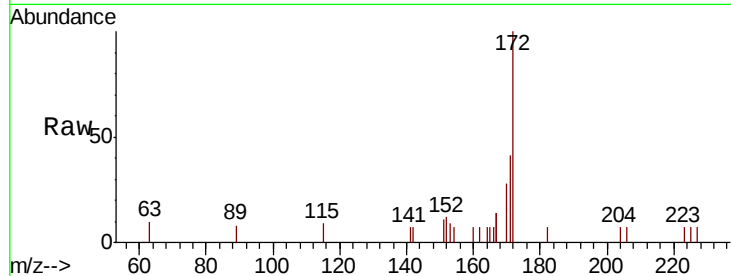
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.9	47.9
170	28.0	22.2	33.2

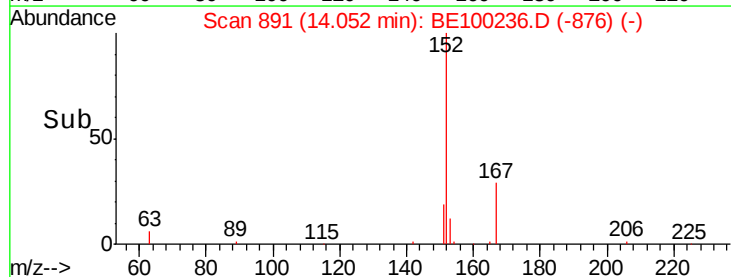
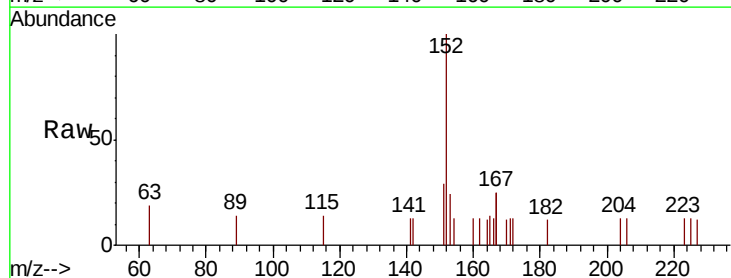
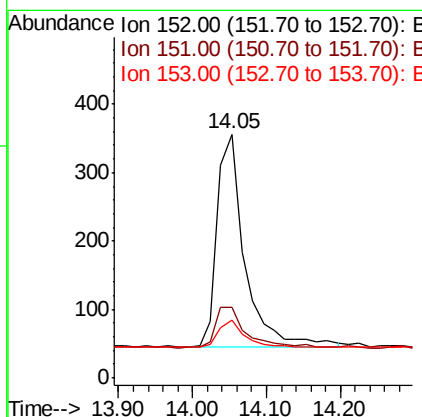
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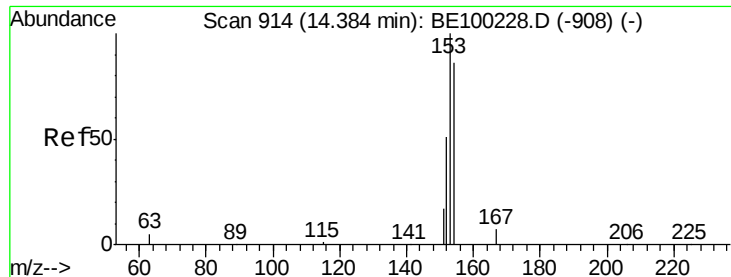
mohammad
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#16
Acenaphthylene
Concen: 0.132 ng
RT: 14.05 min Scan# 891
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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





#17

Acenaphthene

Concen: 0.122 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

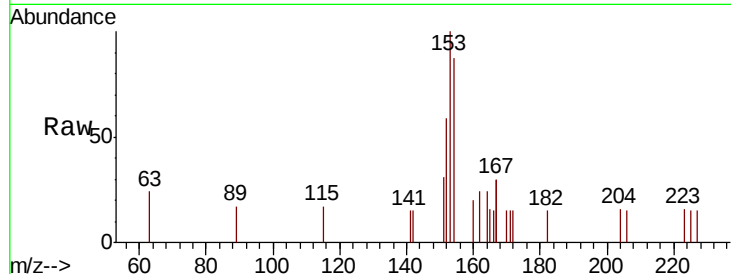
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

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

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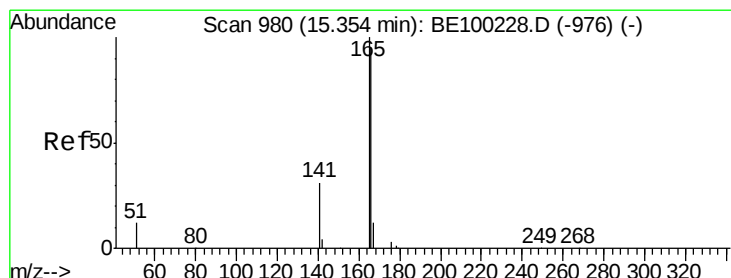
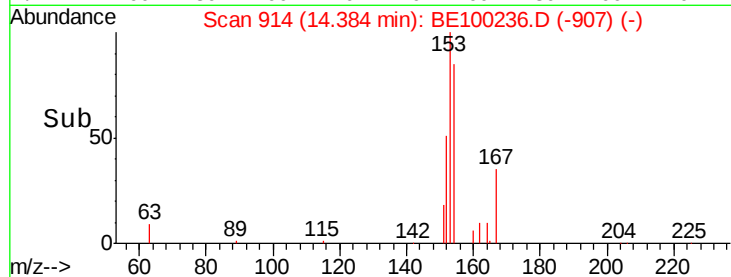
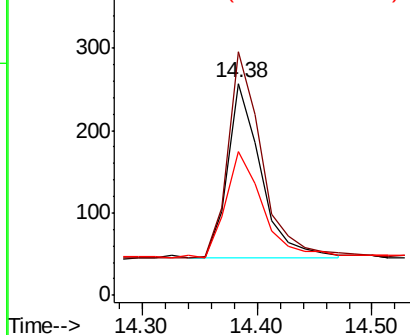


Abundance

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: 0.129 ng

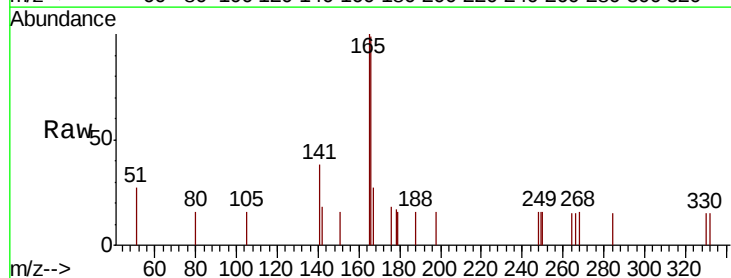
RT: 15.38 min Scan# 982

Delta R.T. 0.03 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

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

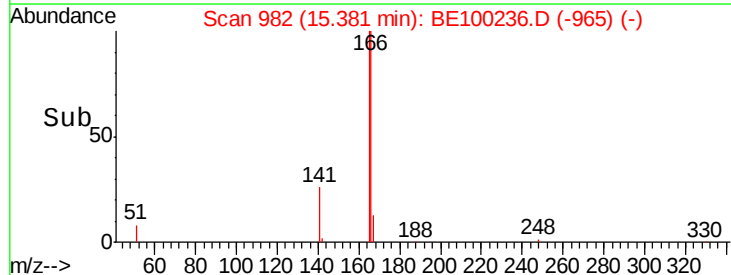
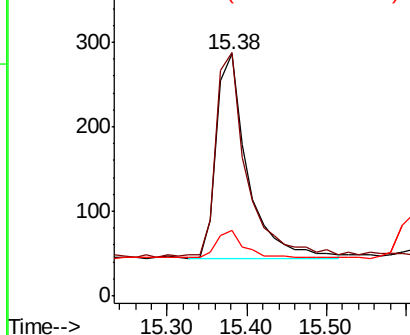


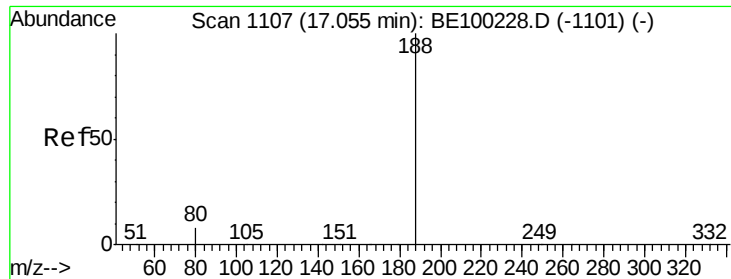
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





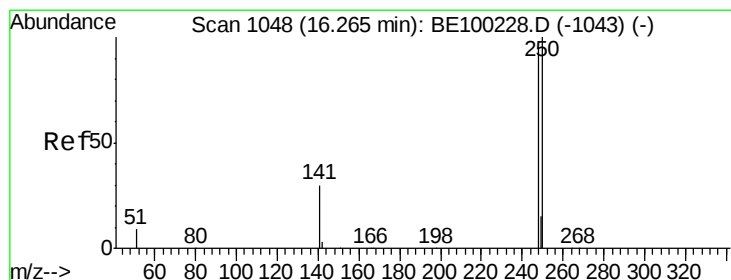
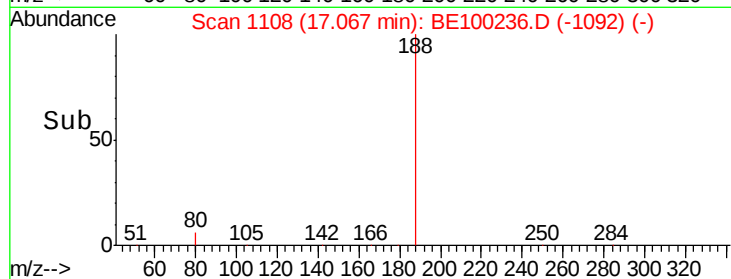
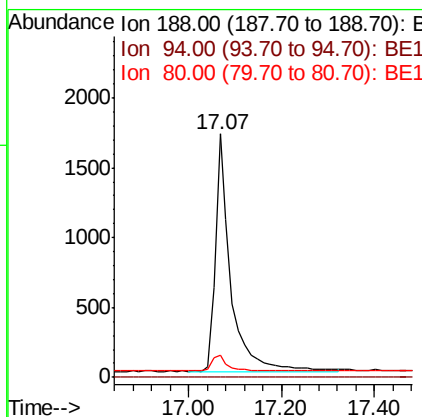
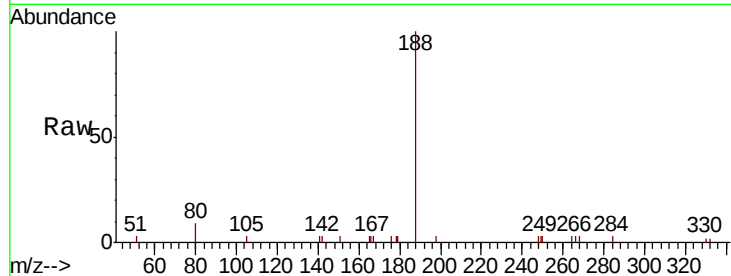
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	3963		
94	0.0	0.0	0.0	0.0
80	8.9	7.6	11.4	

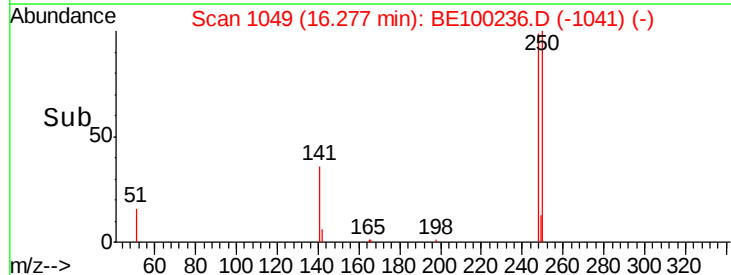
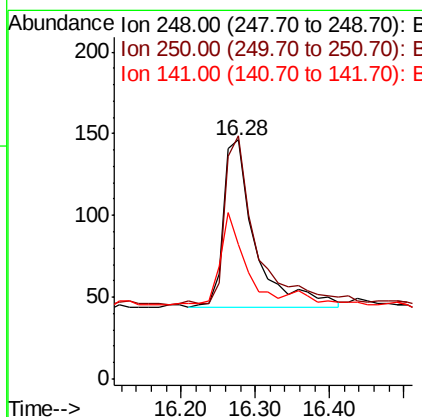
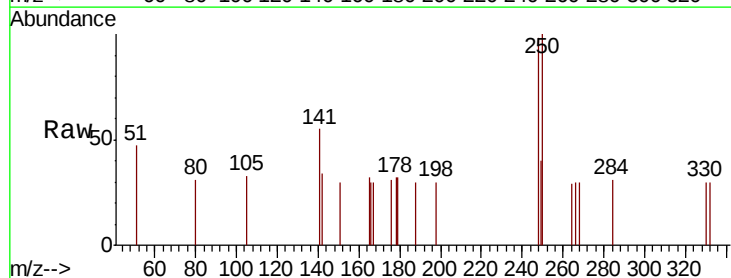
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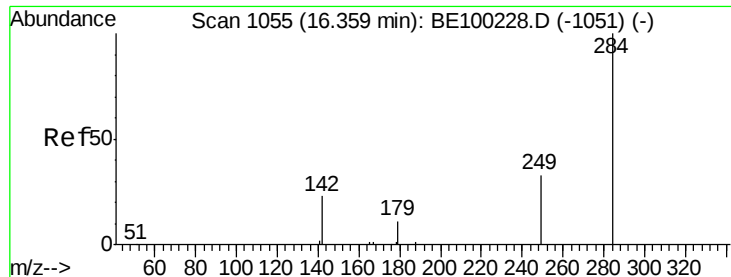
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#20
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 16.28 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	304		
250	102.1	84.2	126.4	
141	56.2	29.3	43.9	





#21

Hexachlorobenzene

Concen: 0.123 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

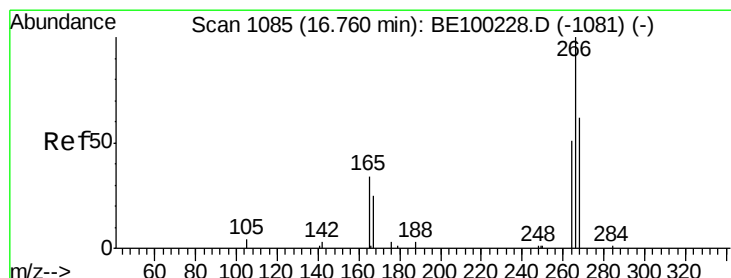
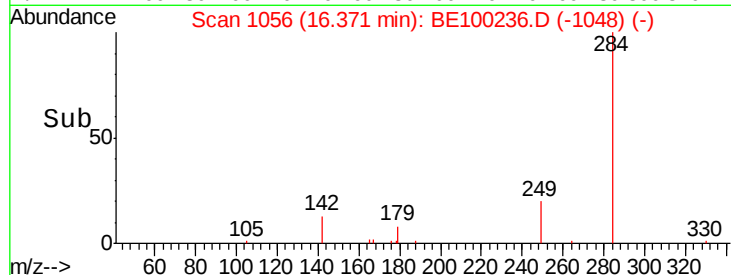
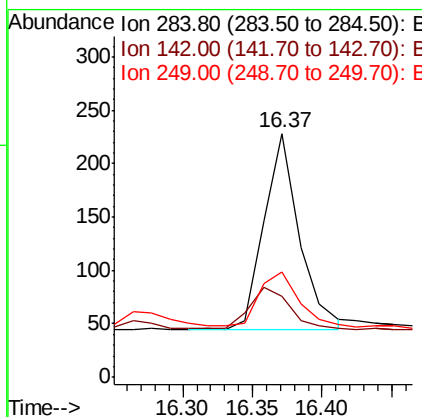
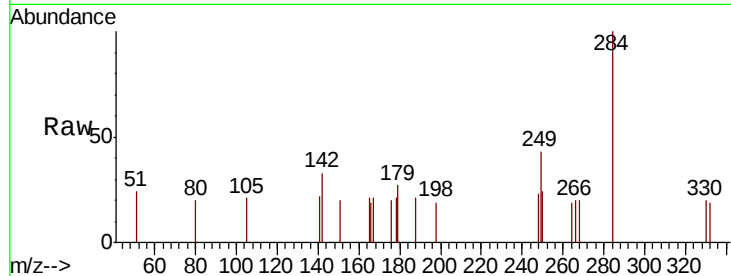
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	284	Resp:	323
Ion Ratio	Lower	Upper	
284	100		
142	22.6	18.8	28.2
249	30.0	23.7	35.5

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#22

Pentachlorophenol

Concen: 0.181 ng

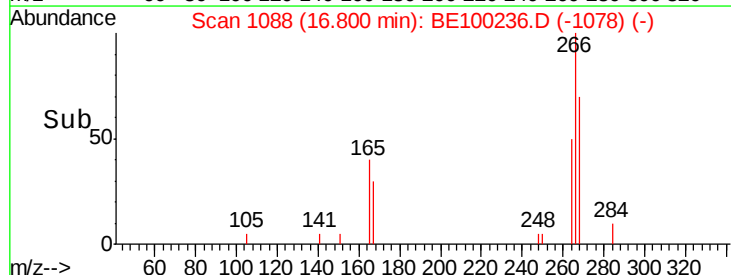
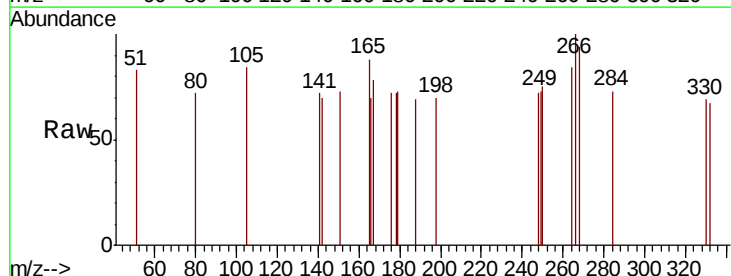
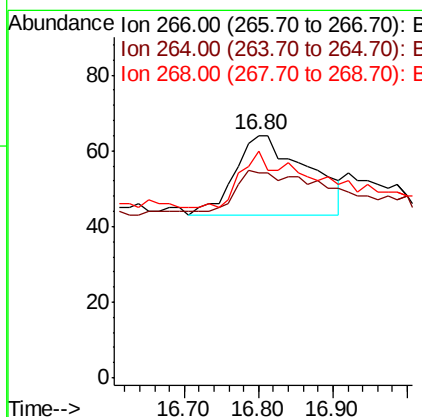
RT: 16.80 min Scan# 1088

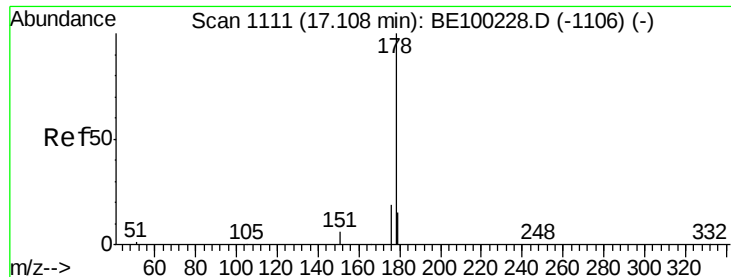
Delta R.T. 0.04 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	266	Resp:	143
Ion Ratio	Lower	Upper	
266	100		
264	84.4	56.2	84.2#
268	93.8	61.8	92.6#





#23

Phenanthrene

Concen: 0.119 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

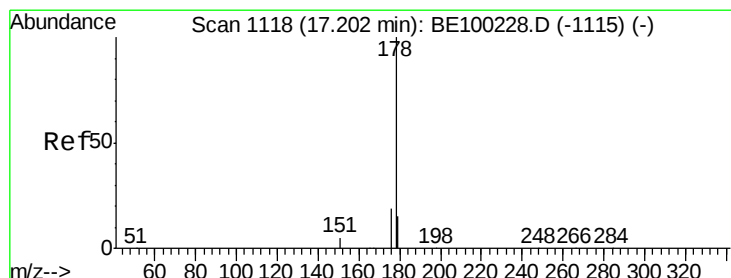
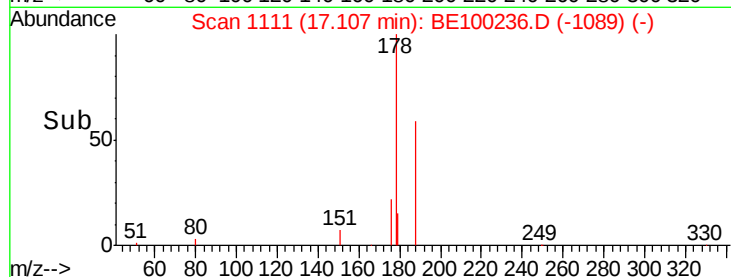
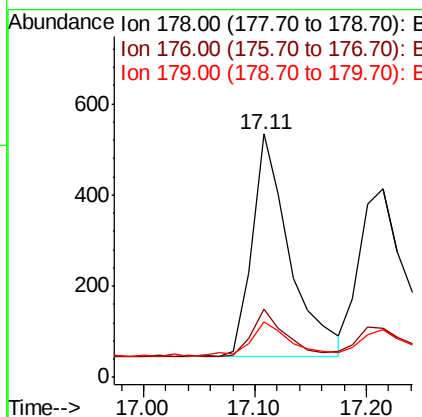
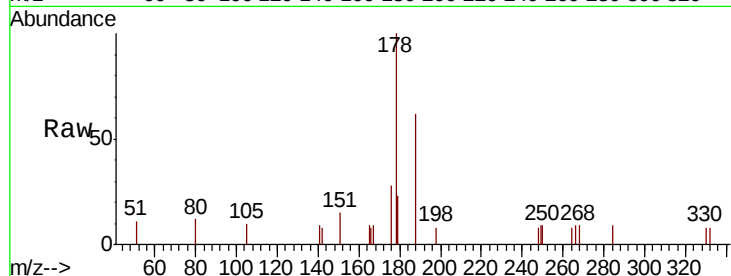
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:178	Resp:	1145
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.9 23.9
179	15.9	12.2 18.2

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#24

Anthracene

Concen: 0.110 ng

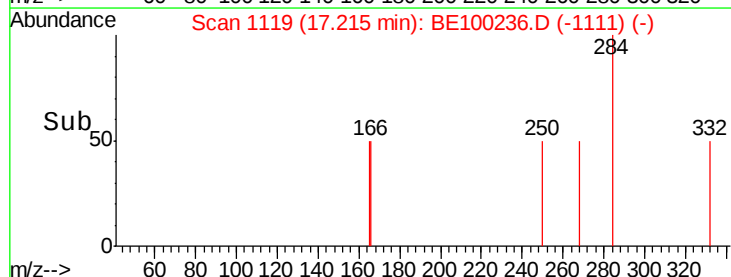
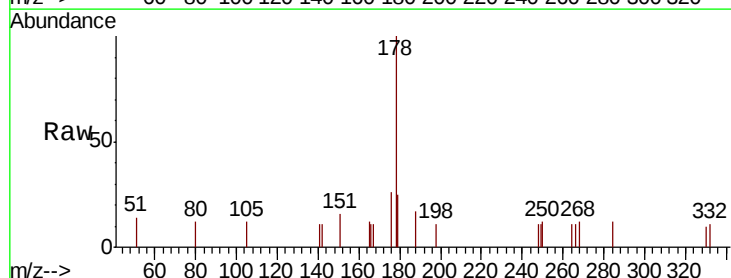
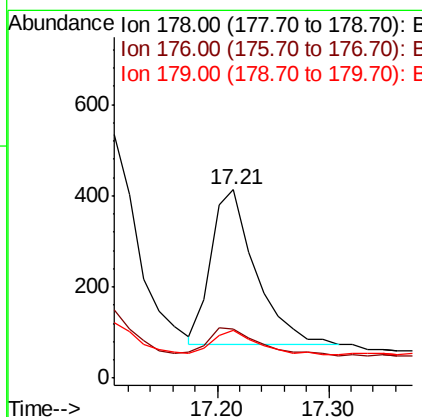
RT: 17.21 min Scan# 1119

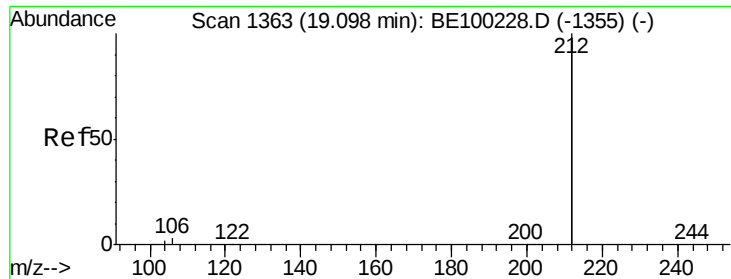
Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:178	Resp:	949
Ion Ratio	Lower	Upper
178	100	
176	20.9	15.3 22.9
179	14.8	12.2 18.2





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

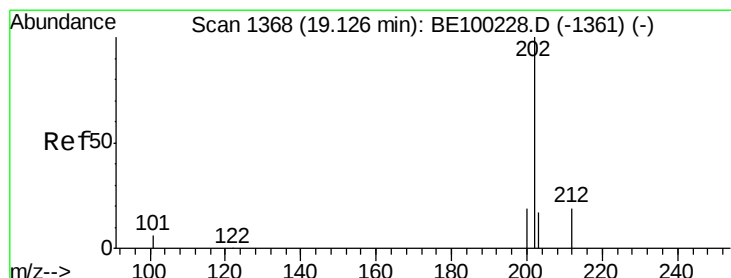
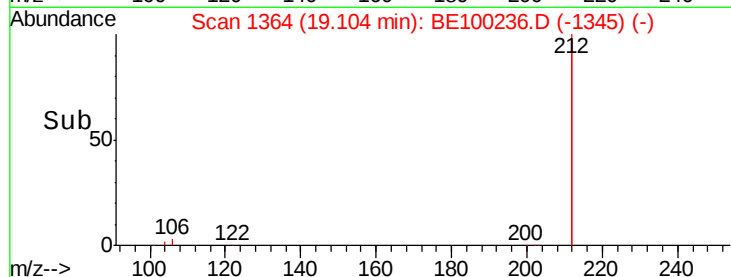
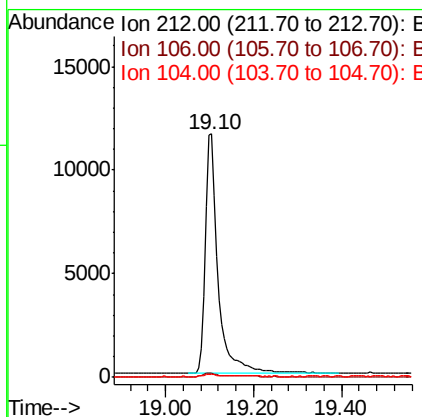
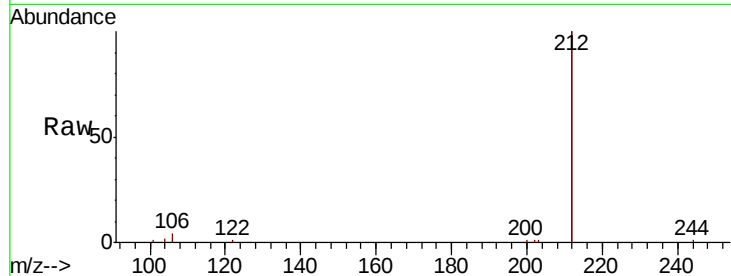
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	212	Resp:	23363
Ion Ratio	Lower	Upper	
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

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#26

Fluoranthene

Concen: 0.126 ng

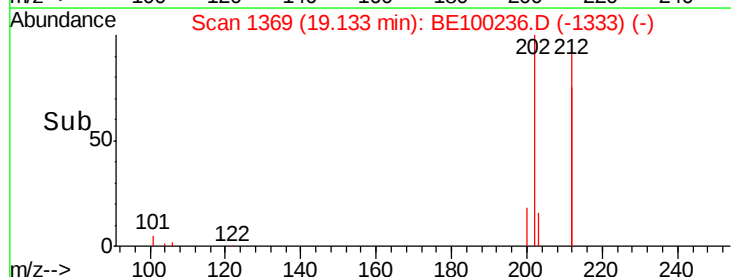
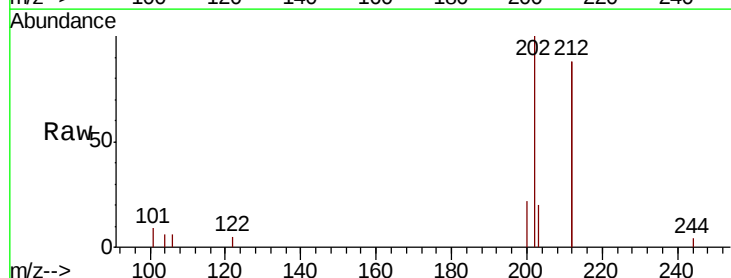
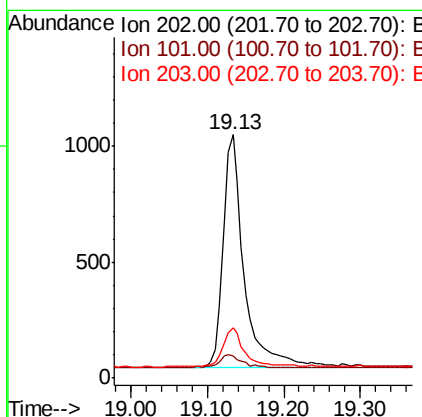
RT: 19.13 min Scan# 1369

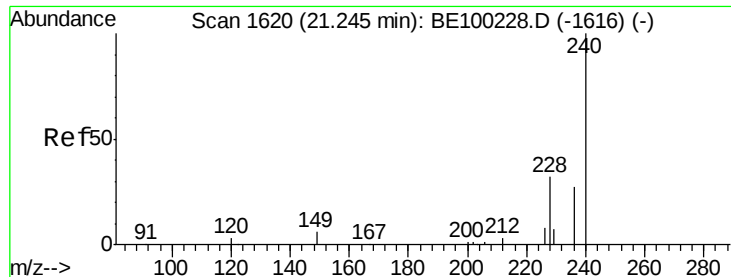
Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	202	Resp:	1933
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.6	7.0
203	17.0	13.7	20.5





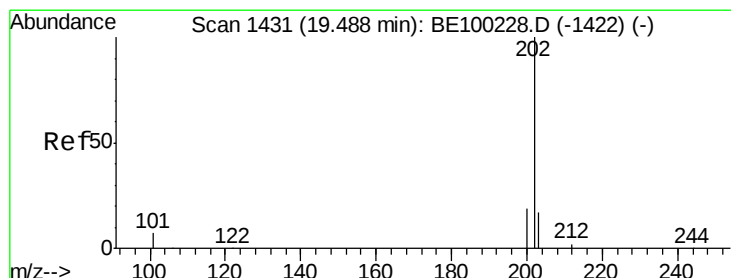
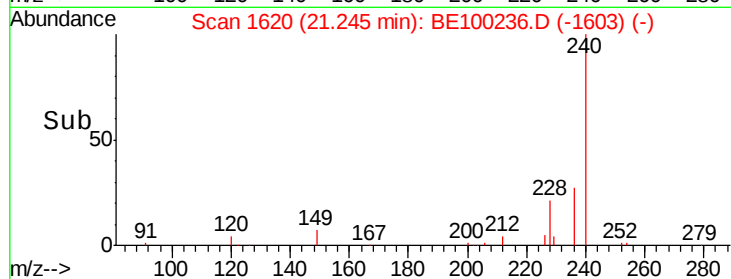
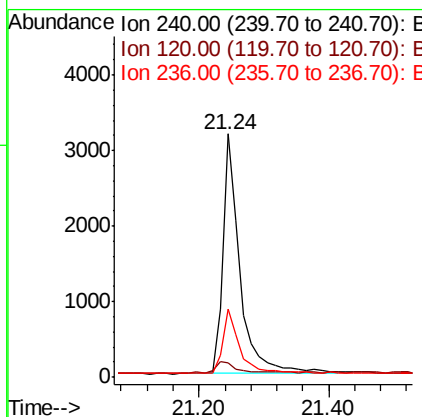
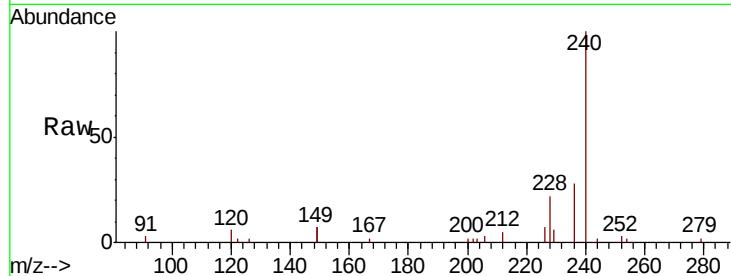
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.3	4.9#
236	27.9	22.6	34.0

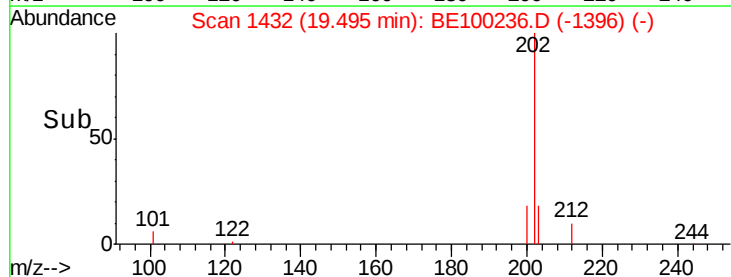
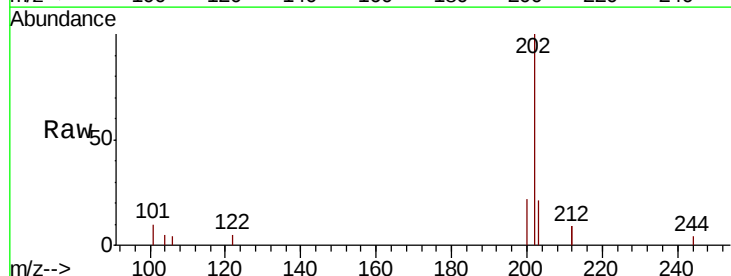
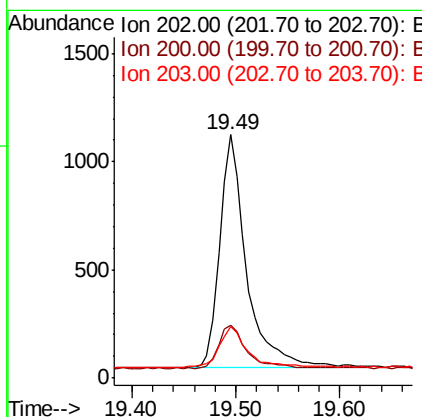
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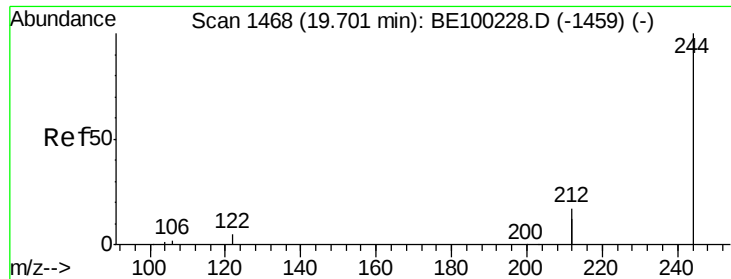
mohammad
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#28
Pyrene
Concen: 0.124 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.6	23.4
203	18.3	14.0	21.0





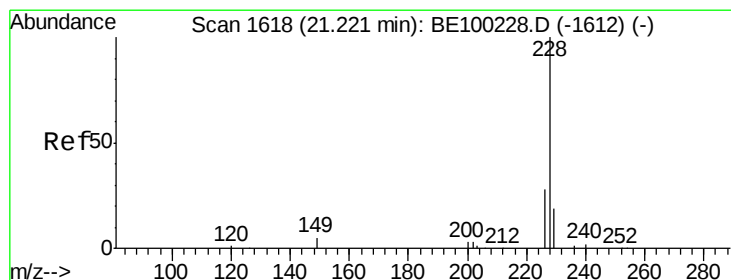
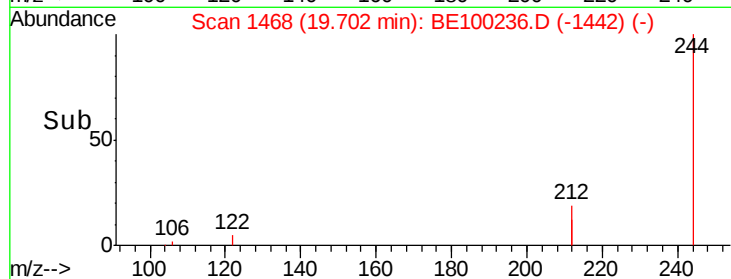
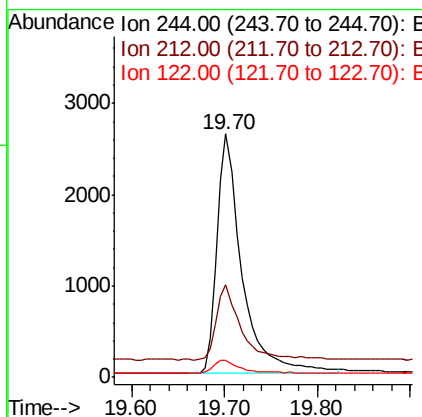
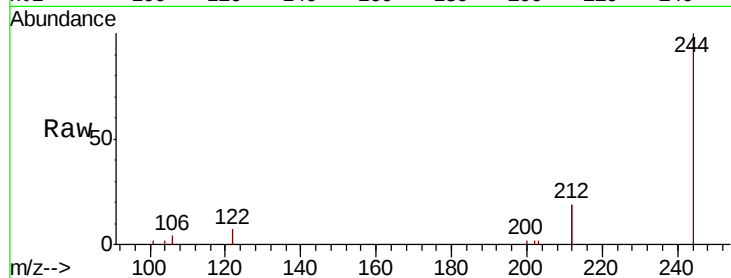
#29
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.70 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	38.2	27.3	40.9
122	7.1	4.7	7.1

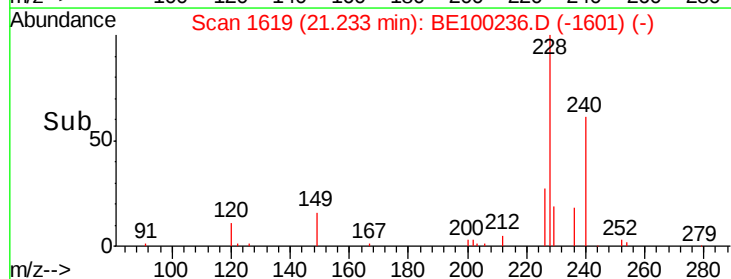
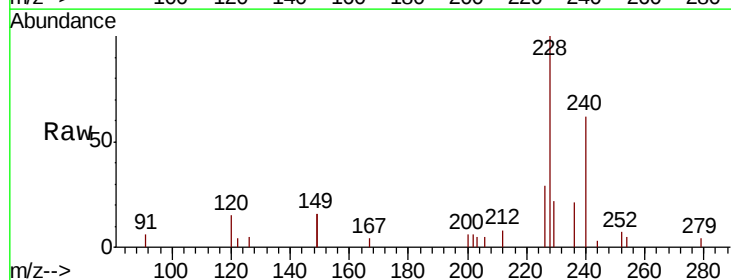
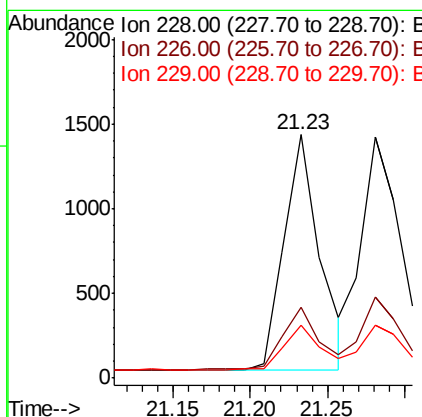
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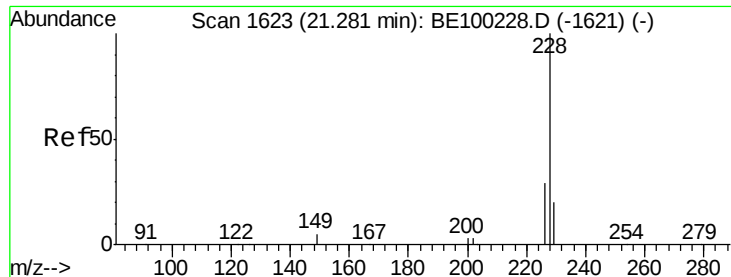
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#30
 Benzo(a)anthracene
 Concen: 0.116 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BE100236.D
 Acq: 28 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	21.8	15.7	23.5





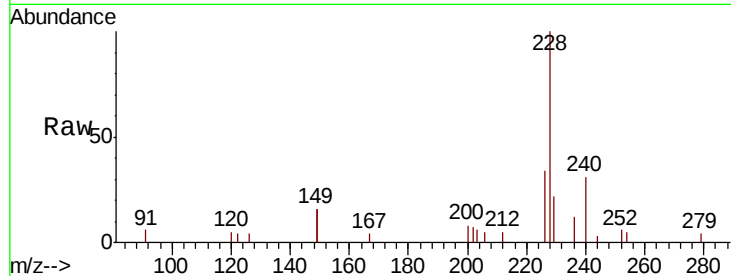
#31
Chrysene
Concen: 0.131 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

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

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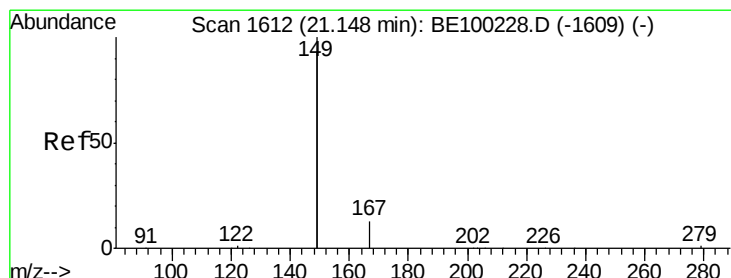
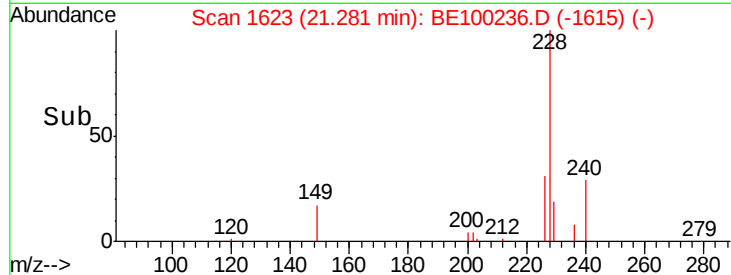
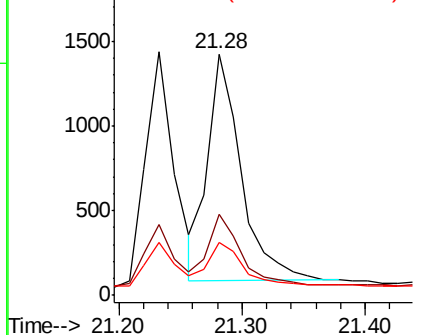


Abundance

Ion 228.00 (227.70 to 228.70): E

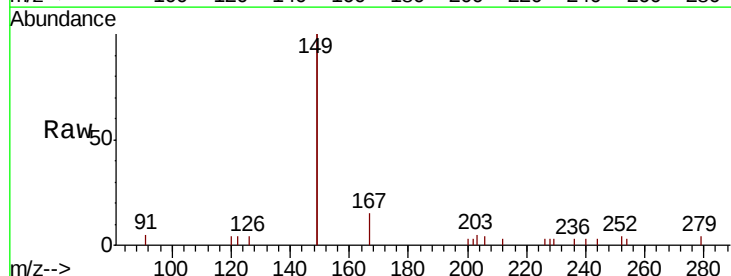
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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

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

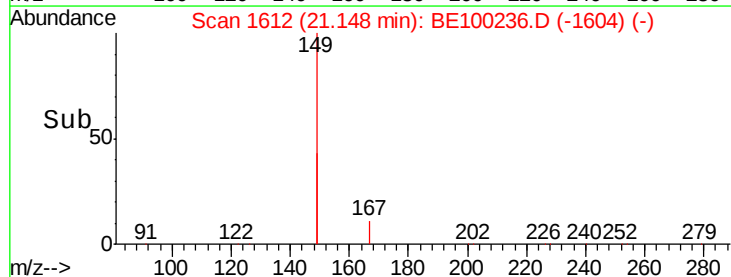
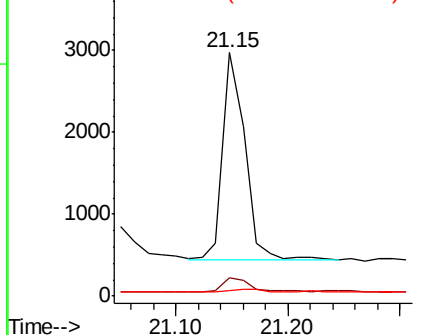


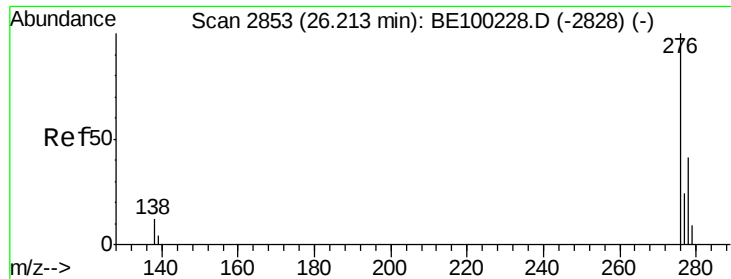
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

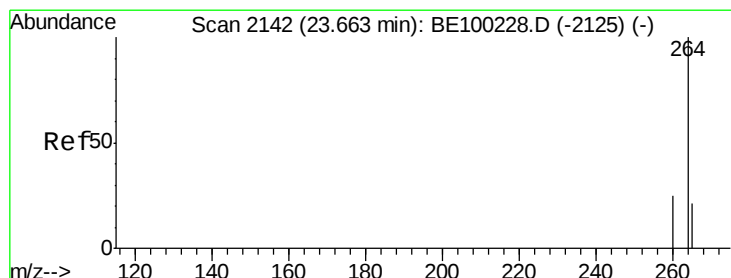
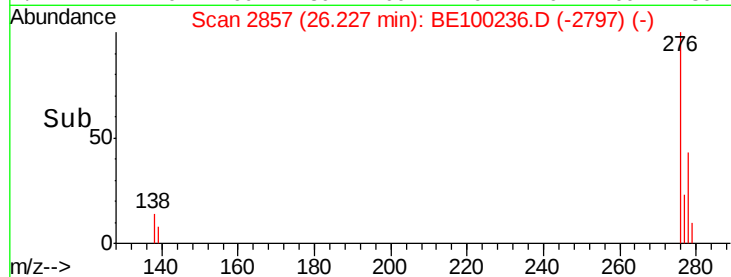
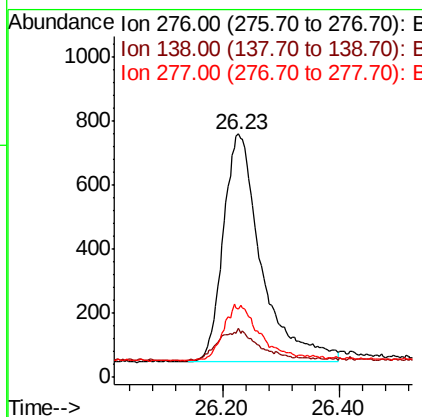
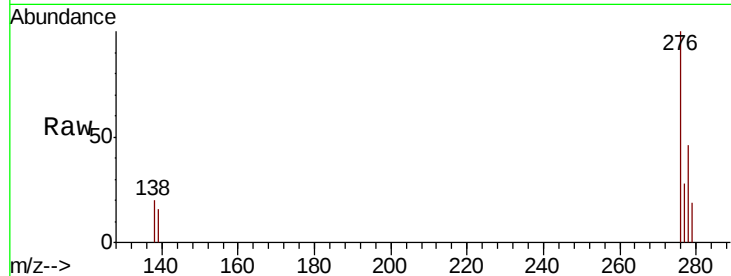
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	276	Resp:	3261
Ion Ratio	Lower	Upper	
276	100		
138	14.2	9.4	14.0#
277	9.4	19.2	28.8#

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#34

Perylene-d12

Concen: 0.400 ng

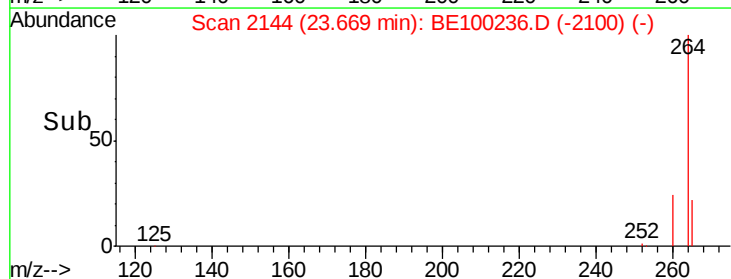
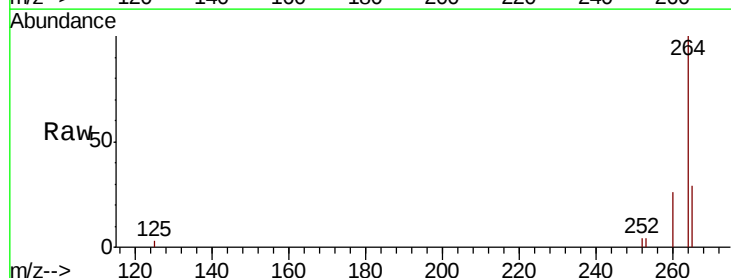
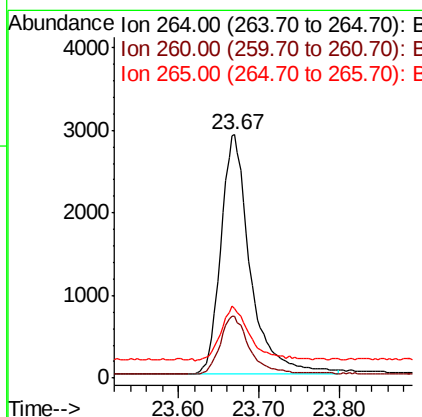
RT: 23.67 min Scan# 2144

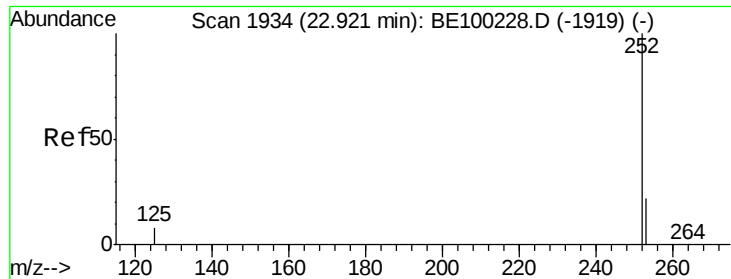
Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	264	Resp:	7320
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.8	31.2
265	28.8	21.8	32.6





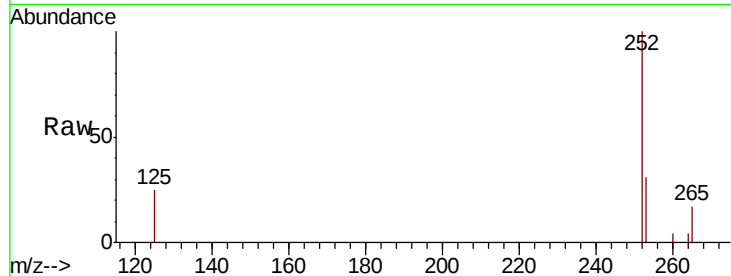
#35
Benzo(b)fluoranthene
Concen: 0.128 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.2	28.8#
125	24.5	7.4	11.0#

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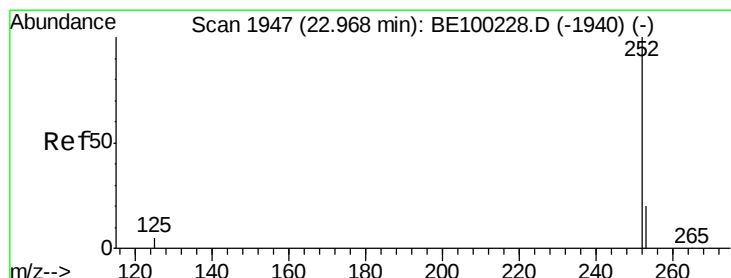
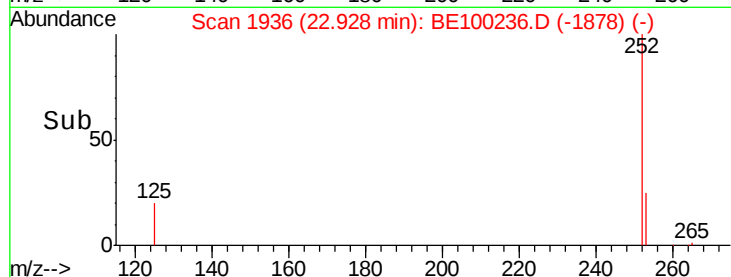
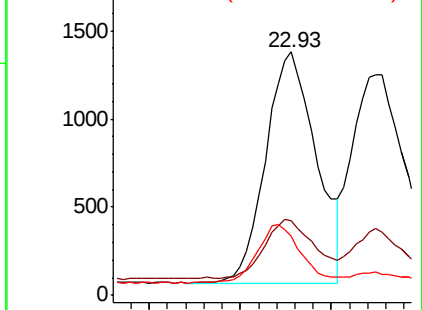


Abundance

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: 0.128 ng
RT: 22.97 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BE100236.D
Acq: 28 Jun 2019 16:02

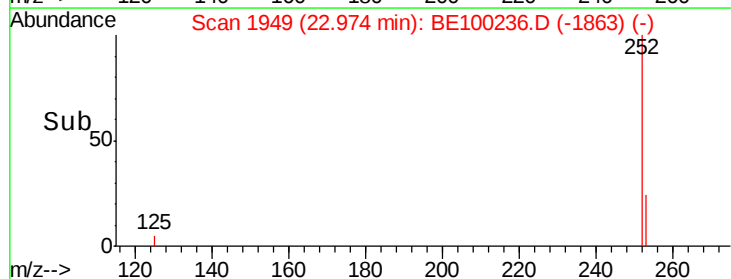
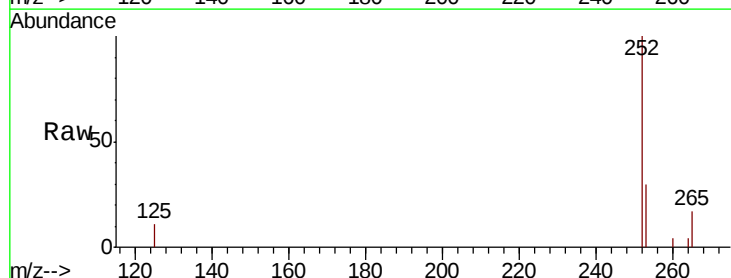
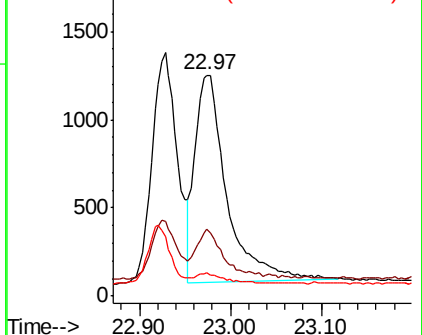
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.9	26.9#
125	10.7	5.0	7.4#

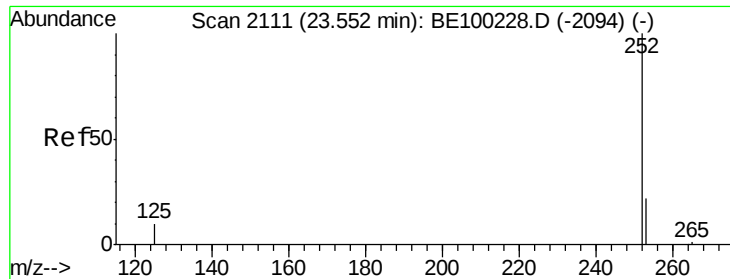
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.134 ng

RT: 23.56 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

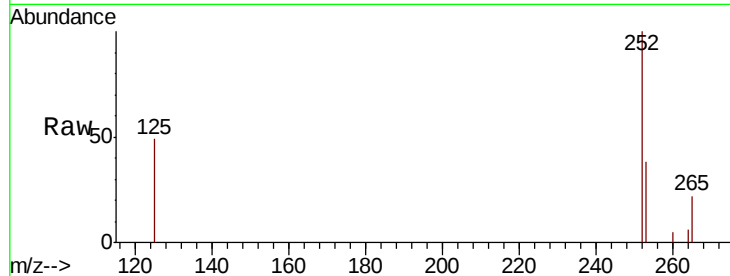
ClientSampleId :

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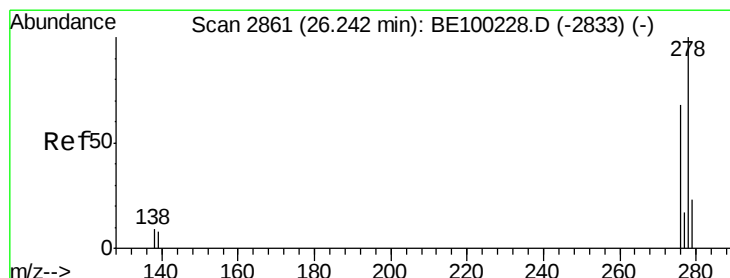
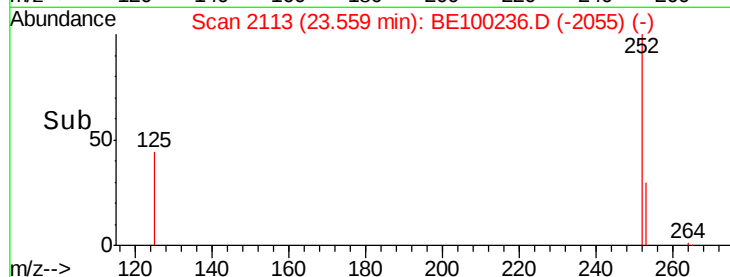
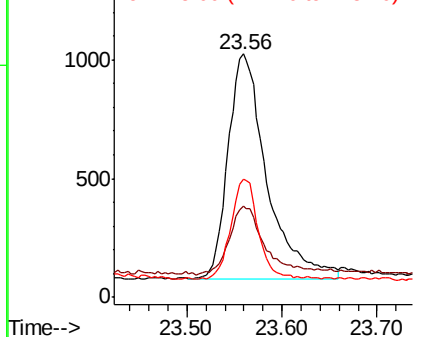
Tot Ion:	252	Resp:	2668
Ion Ratio	Lower	Upper	
252	100		
253	37.7	19.6	29.4#
125	48.7	9.0	13.6#

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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: 0.116 ng

RT: 26.25 min Scan# 2864

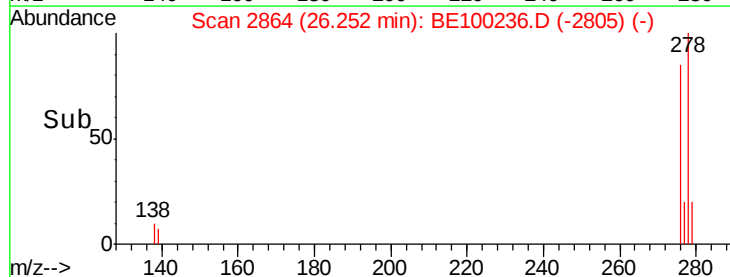
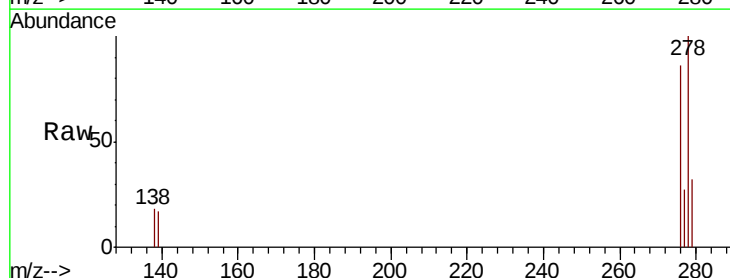
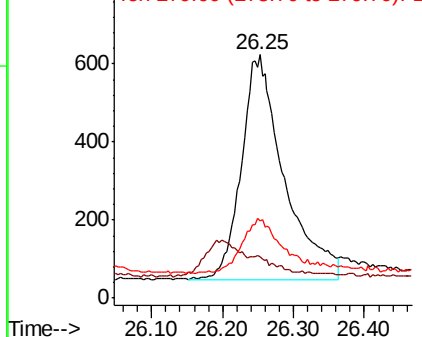
Delta R.T. 0.01 min

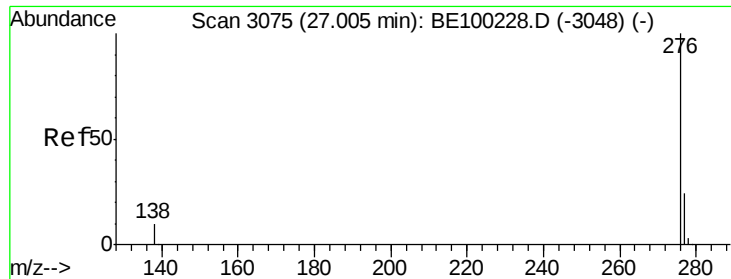
Lab File: BE100236.D

Acq: 28 Jun 2019 16:02

Tgt Ion:	278	Resp:	2419
Ion Ratio	Lower	Upper	
278	100		
139	17.1	8.2	12.2#
279	31.9	20.3	30.5#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.128 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100236.D

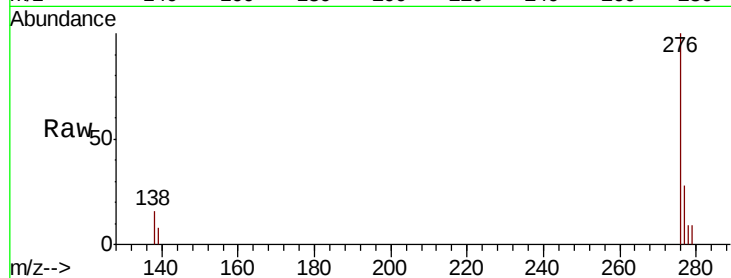
Acq: 28 Jun 2019 16:02

Instrument :

BNA_E

ClientSampleId :

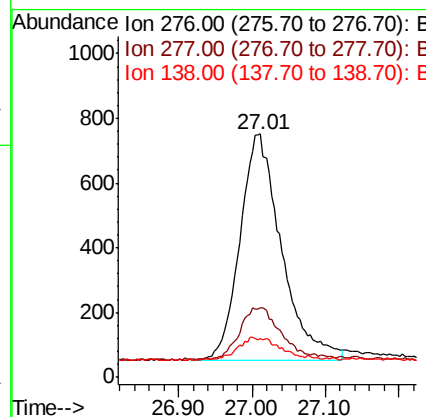
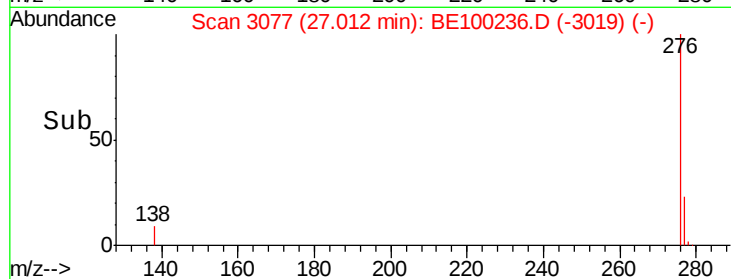
LOD-MDL-WATER-01-QT2-2019



Tot Ion:	276	Resp:	2740
Ion Ratio	Lower	Upper	
276	100		
277	28.3	20.2	30.2
138	15.8	9.0	13.6

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

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

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Quant Time: Jun 29 00:22:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	453	0.40	ng	0.01
7) Naphthalene-d8	10.46	136	1548	0.40	ng	0.01
13) Acenaphthene-d10	14.33	164	1270	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	3963	0.40	ng	0.01
27) Chrysene-d12	21.24	240	5897	0.40	ng	0.00
34) Perylene-d12	23.67	264	7320	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	435	0.38	ng	0.00
5) Phenol-d6	6.87	99	464	0.31	ng	0.03
8) Nitrobenzene-d5	8.85	82	538	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.06	152	1154	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.84	330	305	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.96	172	2001	0.40	ng	0.01
25) Fluoranthene-d10	19.10	212	23363	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	4916	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	102	0.145	ng	# 82
3) n-Nitrosodimethylamine	3.47	42	26m	0.079	ng	
6) bis(2-Chloroethyl)ether	7.12	93	97	0.078	ng	# 1
9) Naphthalene	10.51	128	2167	0.127	ng	# 87
10) Hexachlorobutadiene	10.76	225	204	0.124	ng	93
12) 2-Methylnaphthalene	12.15	142	335	0.112	ng	92
16) Acenaphthylene	14.05	152	807	0.132	ng	97
17) Acenaphthene	14.38	154	420	0.122	ng	93
18) Fluorene	15.38	166	660	0.129	ng	95
20) 4-Bromophenyl-phenylether	16.28	248	304	0.120	ng	# 89
21) Hexachlorobenzene	16.37	284	323	0.123	ng	99
22) Pentachlorophenol	16.80	266	143	0.181	ng	# 82
23) Phenanthrene	17.11	178	1145	0.119	ng	98
24) Anthracene	17.21	178	949	0.110	ng	97
26) Fluoranthene	19.13	202	1933	0.126	ng	100
28) Pyrene	19.49	202	1933	0.124	ng	98
30) Benzo(a)anthracene	21.23	228	2252	0.116	ng	98
31) Chrysene	21.28	228	2541	0.131	ng	95
32) Bis(2-ethylhexyl)phthalate	21.15	149	3451	0.068	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	3261	0.127	ng	# 78
35) Benzo(b)fluoranthene	22.93	252	2544	0.128	ng	# 78
36) Benzo(k)fluoranthene	22.97	252	2833	0.128	ng	# 85
37) Benzo(a)pyrene	23.56	252	2668	0.134	ng	# 51
38) Dibenzo(a,h)anthracene	26.25	278	2419	0.116	ng	# 85
39) Benzo(g,h,i)perylene	27.01	276	2740	0.128	ng	# 92

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