

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098044.D
 Acq On : 24 Oct 2018 18:36
 Operator : SJ/JU
 Sample : J5164-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/25/2018 12:40:02 PM

Quant Time: Oct 25 04:43:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1079	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5336	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3798	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9500	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11194	0.40	ng	0.00
34) Perylene-d12	24.02	264	10994	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1113	0.34	ng	0.00
5) Phenol-d6	7.06	99	1759	0.32	ng	0.00
8) Nitrobenzene-d5	9.03	82	1992	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3019	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	566	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5190	0.34	ng	0.00
25) Fluoranthene-d10	19.32	212	36812	0.30	ng	0.00
29) Terphenyl-d14	19.92	244	8111	0.31	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	197	0.119	ng	# 77
3) n-Nitrosodimethylamine	3.71	42	216	0.097	ng	# 50
6) bis(2-Chloroethyl)ether	7.30	93	357	0.094	ng	# 89
9) Naphthalene	10.73	128	4906	0.093	ng	# 95
10) Hexachlorobutadiene	11.02	225	337	0.094	ng	# 96
12) 2-Methylnaphthalene	12.35	142	906	0.094	ng	# 90
16) Acenaphthylene	14.26	152	1599	0.093	ng	# 99
17) Acenaphthene	14.60	154	991	0.095	ng	# 99
18) Fluorene	15.59	166	1292	0.092	ng	# 96
20) 4-Bromophenyl-phenylether	16.48	248	496	0.086	ng	# 77
21) Hexachlorobenzene	16.59	284	585	0.098	ng	# 94
22) Pentachlorophenol	16.96	266	45	0.090	ng	# 61
23) Phenanthrene	17.33	178	2108	0.090	ng	# 96
24) Anthracene	17.42	178	1990	0.087	ng	# 98
26) Fluoranthene	19.35	202	2613	0.090	ng	# 98
28) Pyrene	19.71	202	2787	0.090	ng	# 99
30) Benzo(a)anthracene	21.45	228	2991	0.090	ng	# 94
31) Chrysene	21.51	228	2800	0.087	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.38	149	7260	0.092	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	3158	0.090	ng	# 79
35) Benzo(b)fluoranthene	23.24	252	2839	0.093	ng	# 88
36) Benzo(k)fluoranthene	23.29	252	2888	0.091	ng	# 92
37) Benzo(a)pyrene	23.91	252	2658	0.089	ng	# 88
38) Dibenzo(a,h)anthracene	26.75	278	2607	0.089	ng	# 87
39) Benzo(g,h,i)perylene	27.55	276	2677m	0.092	ng	

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

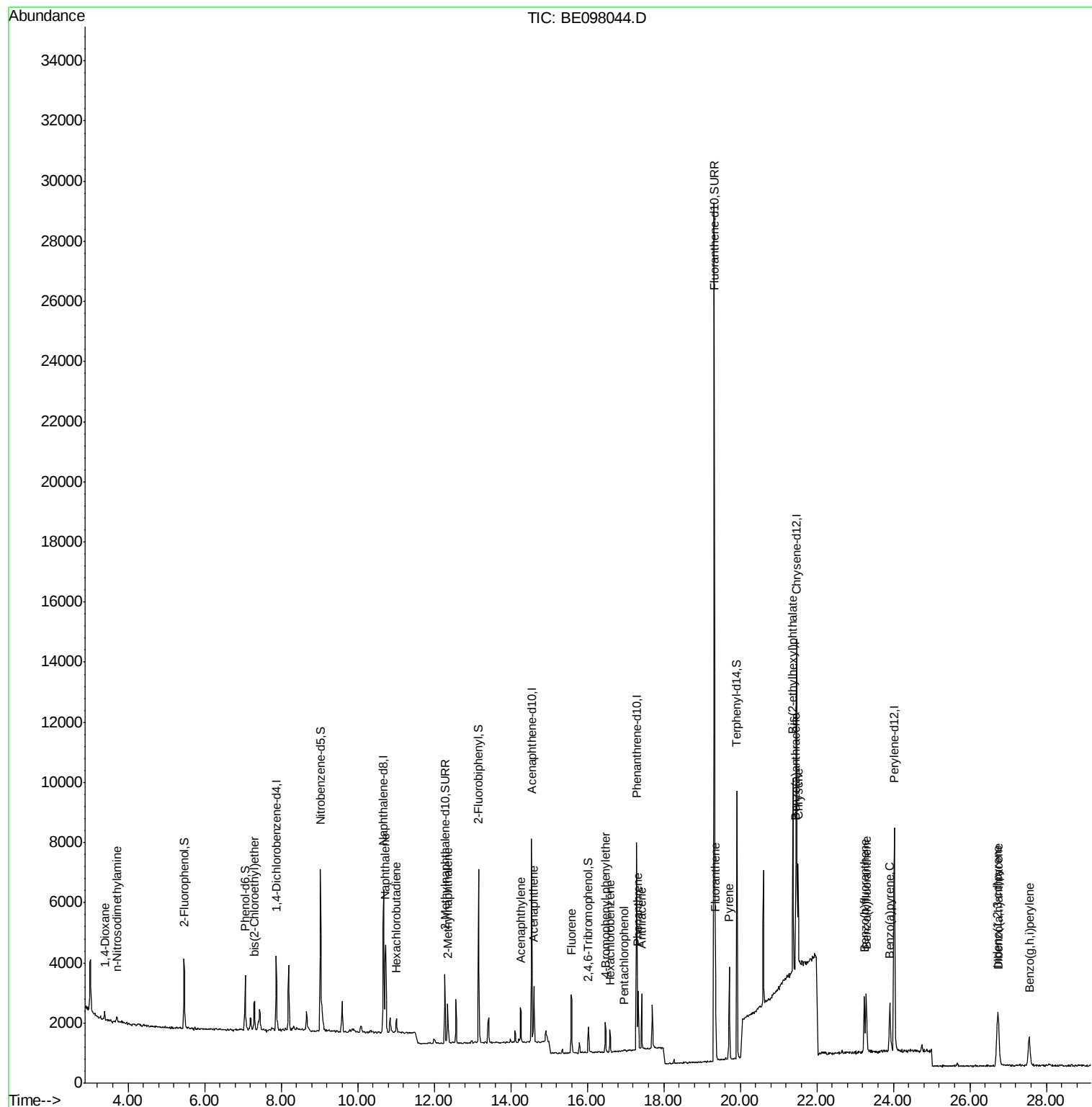
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098044.D
Acq On : 24 Oct 2018 18:36
Operator : SJ/JU
Sample : J5164-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

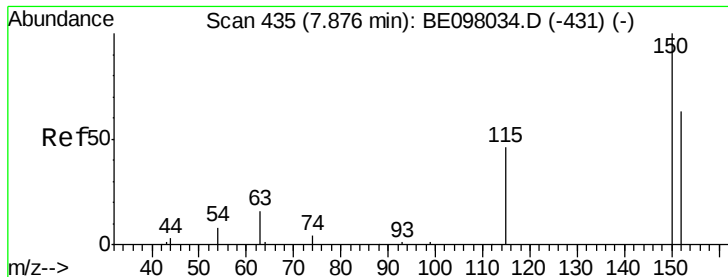
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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QLast Update : Wed Oct 24 13:49:35 2018
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#1

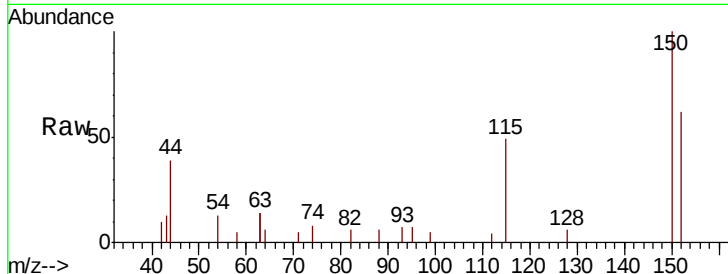
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	118.2	177.4
115	78.9	50.9	76.3

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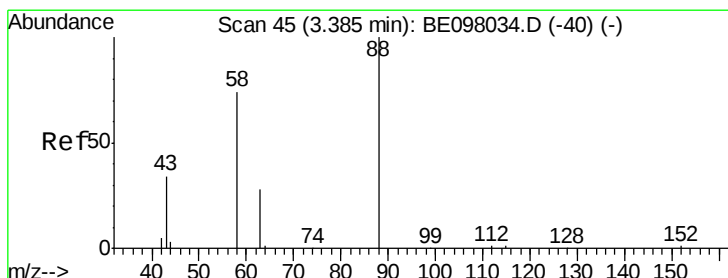
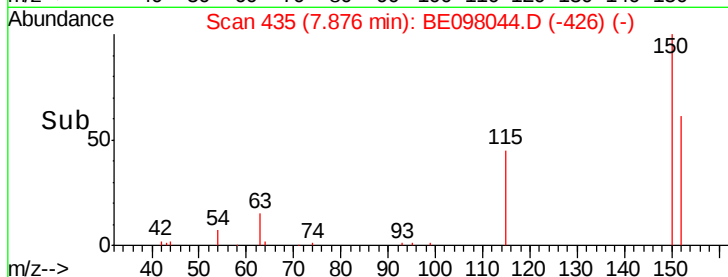
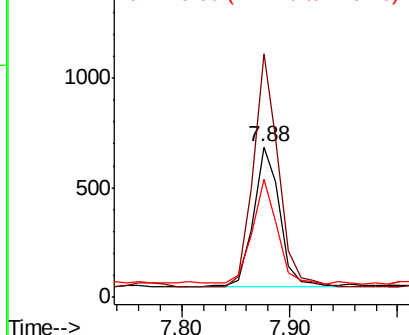


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

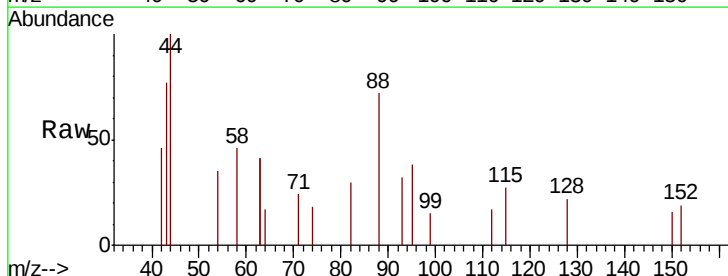
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.119 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	73.2	109.8
43	74.1	36.9	55.3

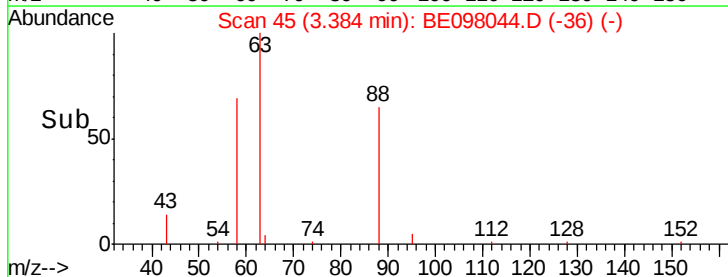
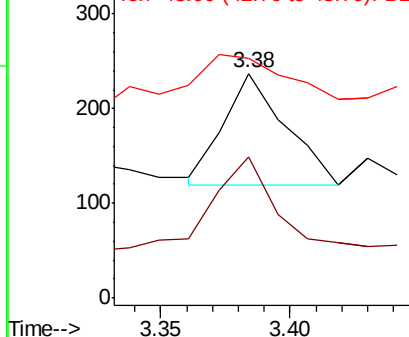


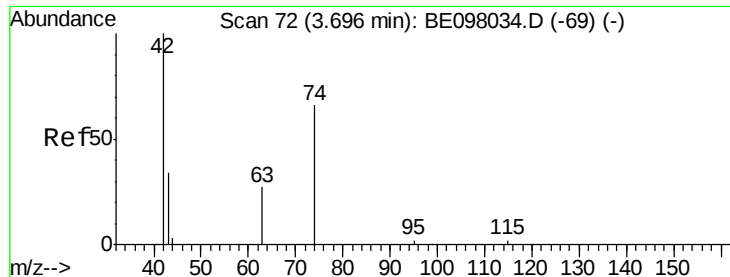
Abundance

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

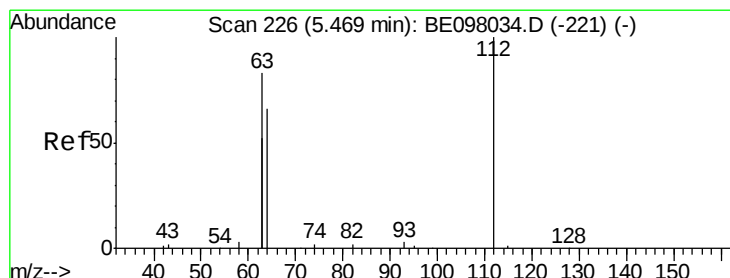
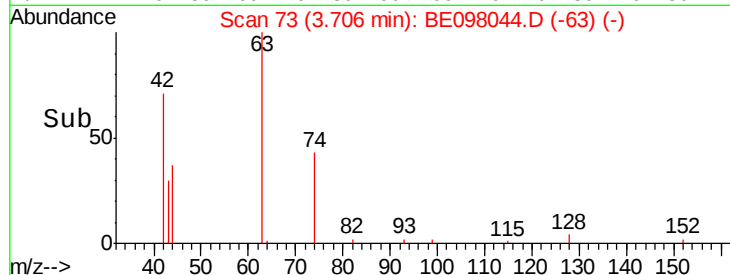
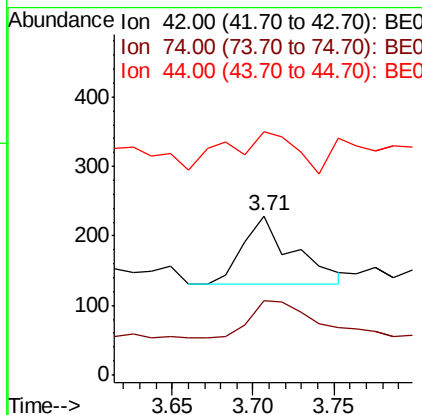
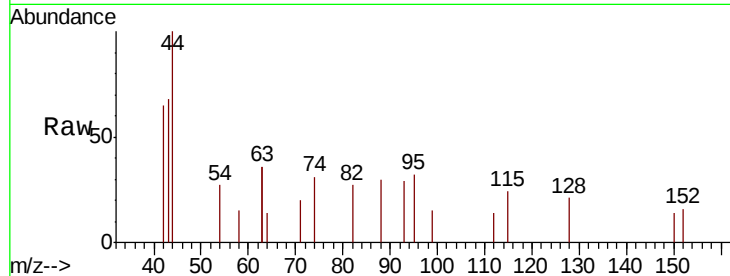
n-Nitrosodimethylamine
 Concen: 0.097 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098044.D
 Acq: 24 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
42	100		
74	62.0	77.6	116.4#
44	82.4	7.6	11.4#

Manual Integrations
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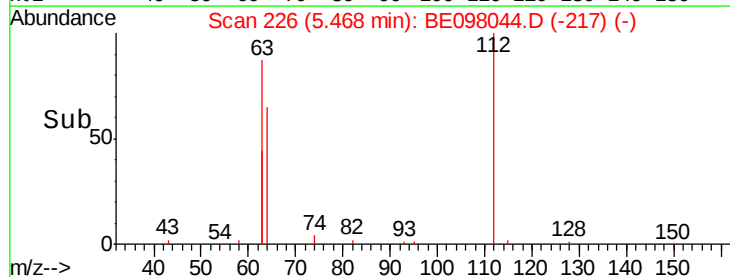
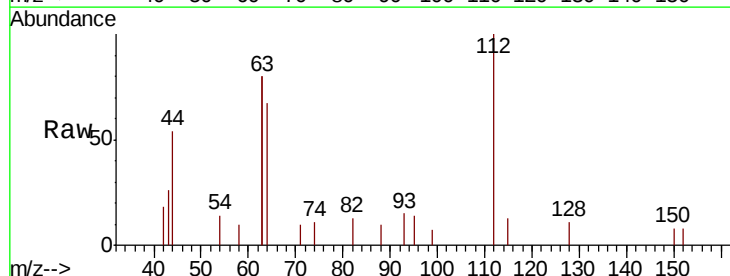
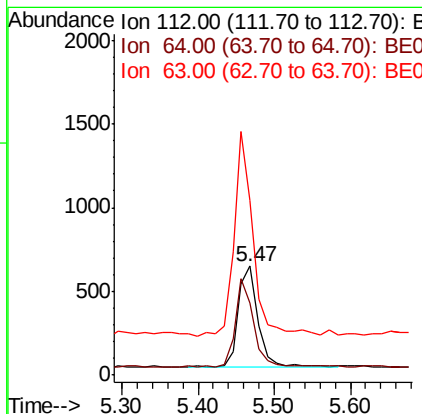
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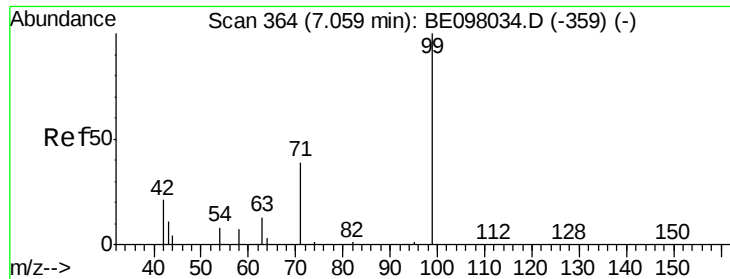


#4

2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE098044.D
 Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.0	58.9	88.3
63	191.1	120.3	180.5#





#5

Phenol-d6

Concen: 0.323 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

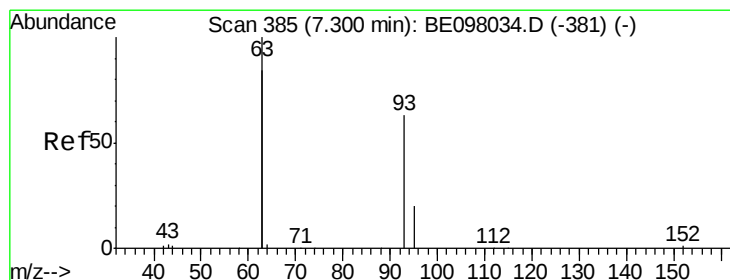
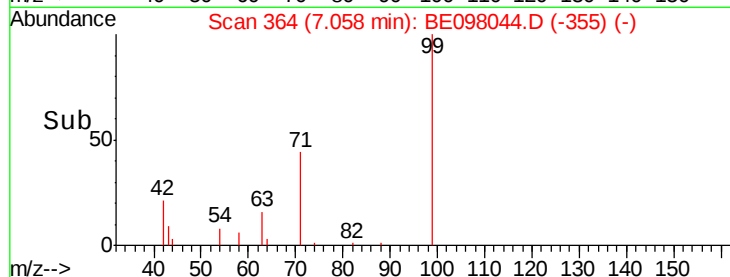
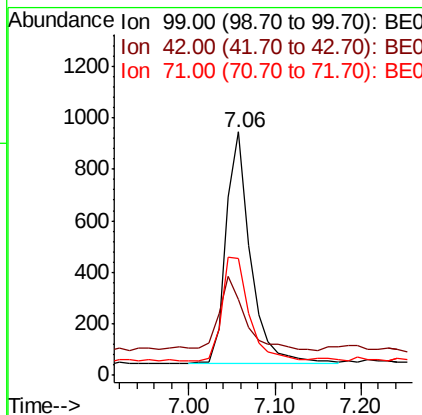
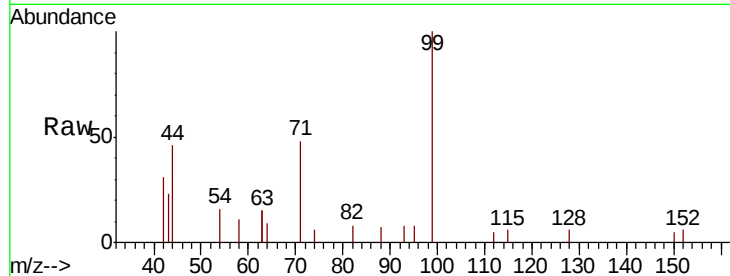
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	99	Resp:	1759
Ion	Ratio	Lower	Upper
99	100		
42	34.1	19.9	29.9#
71	49.9	27.8	41.8#

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#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

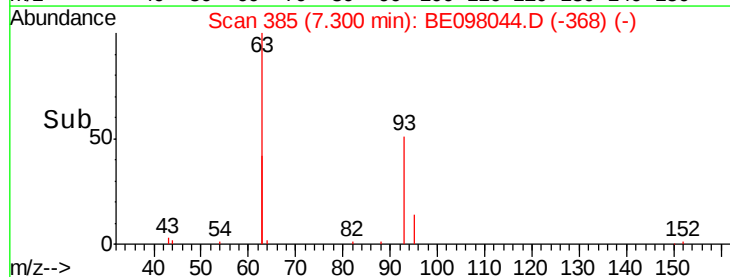
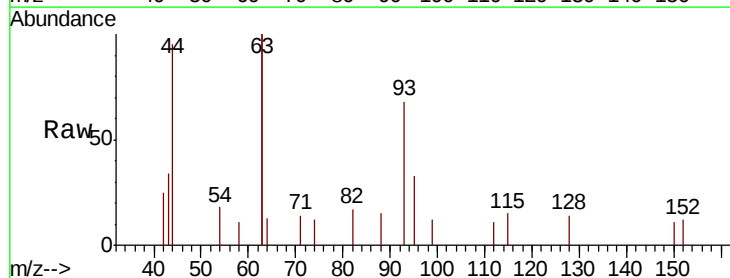
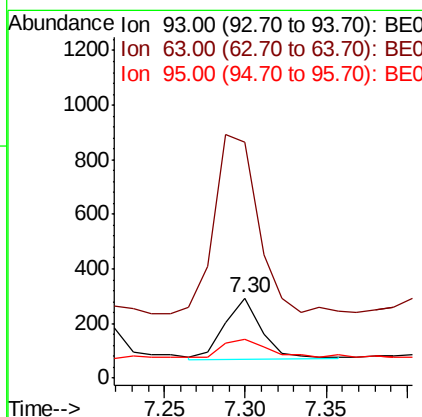
RT: 7.30 min Scan# 385

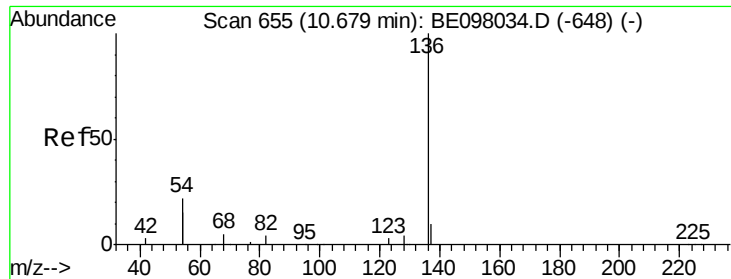
Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Tgt Ion:	93	Resp:	357
Ion	Ratio	Lower	Upper
93	100		
63	346.8	259.0	388.4
95	40.3	27.8	41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

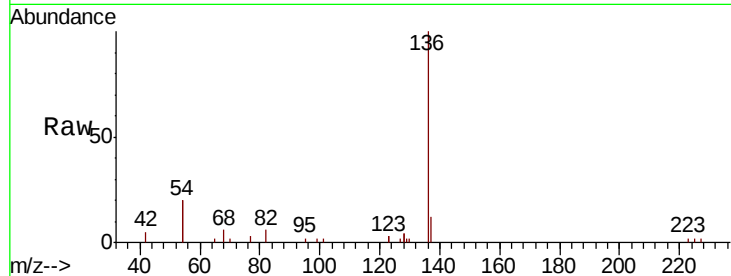
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

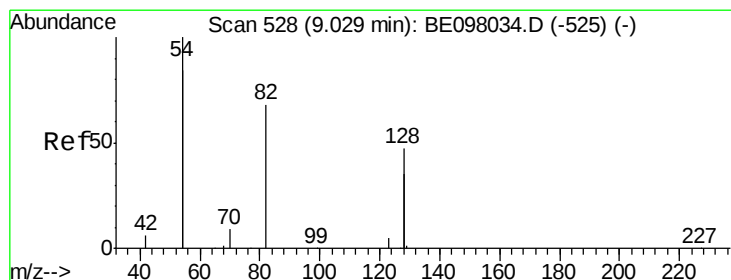
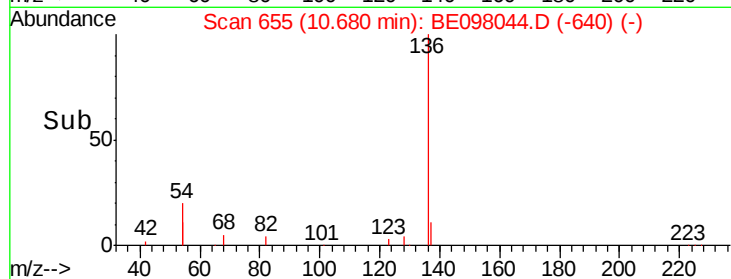
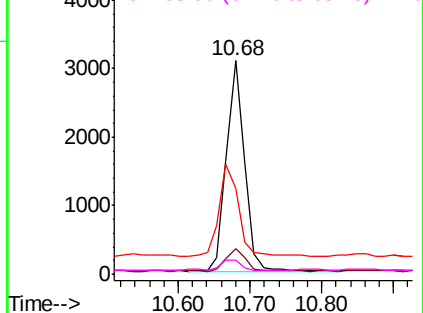
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	40.0	27.7	41.5
68	6.5	5.3	7.9

Manual Integrations
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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): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.351 ng

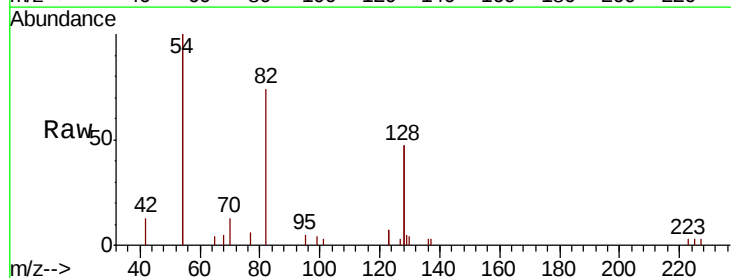
RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

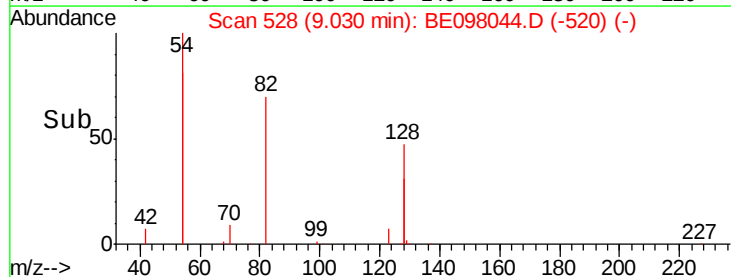
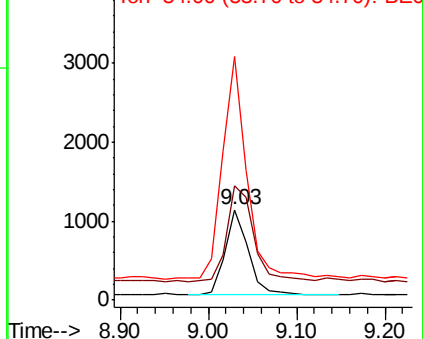
Lab File: BE098044.D

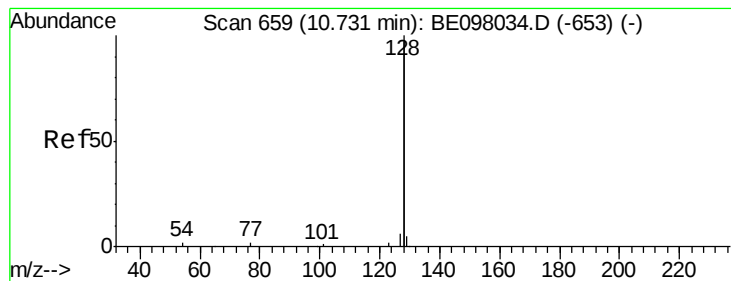
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
82	100		
128	126.9	129.9	194.9#
54	269.6	174.0	261.0#



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: 0.093 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

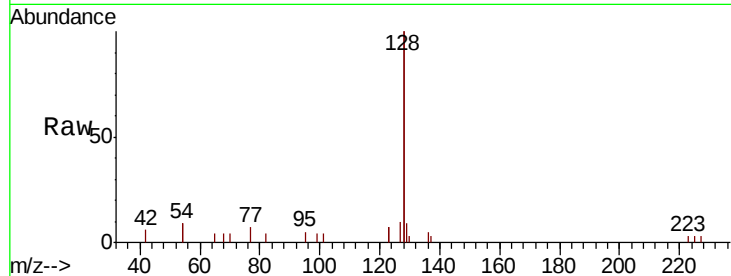
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

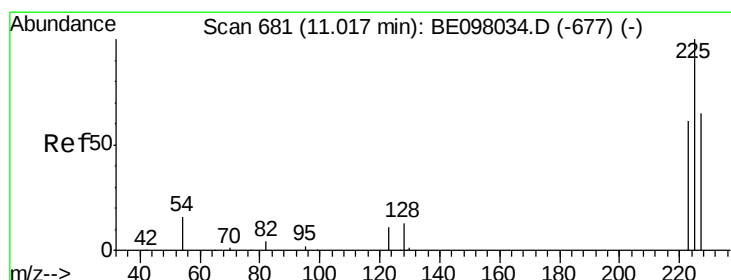
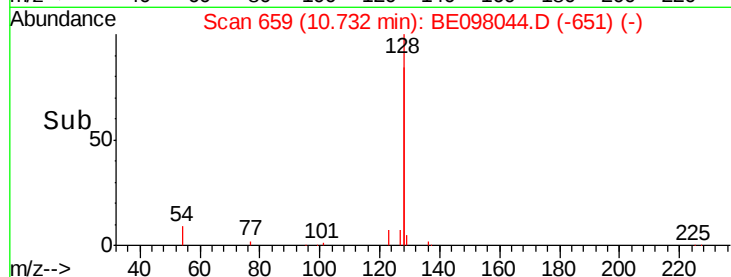
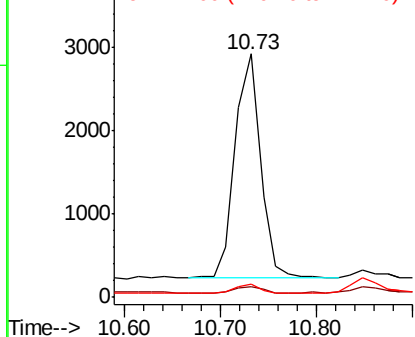
Tot Ion:128	Resp:	4906
Ion Ratio	Lower	Upper
128 100		
129 4.5	2.5	3.7#
127 5.2	2.8	4.2#

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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: 0.094 ng

RT: 11.02 min Scan# 681

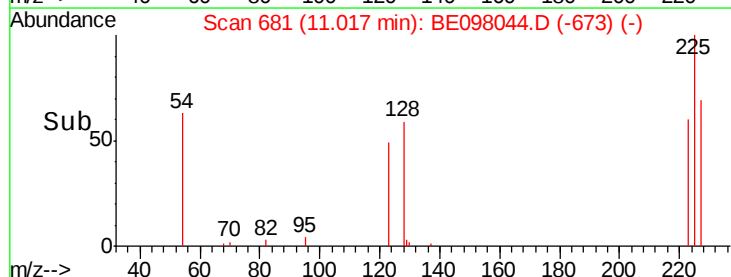
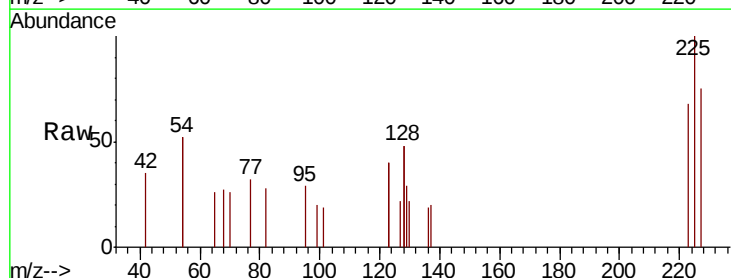
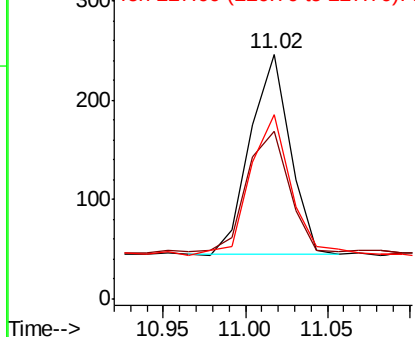
Delta R.T. 0.00 min

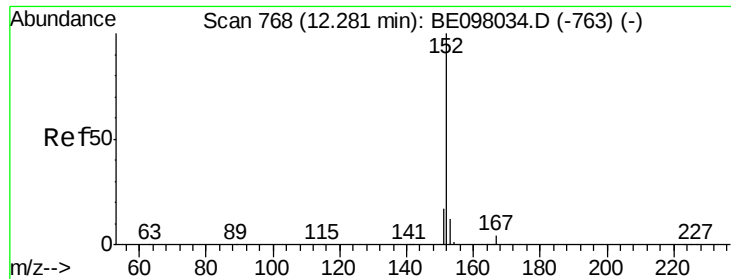
Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Tgt Ion:225	Resp:	337
Ion Ratio	Lower	Upper
225 100		
223 66.2	51.8	77.8
227 70.6	53.0	79.6

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





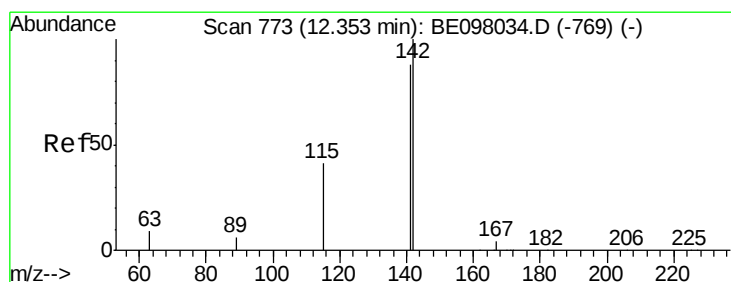
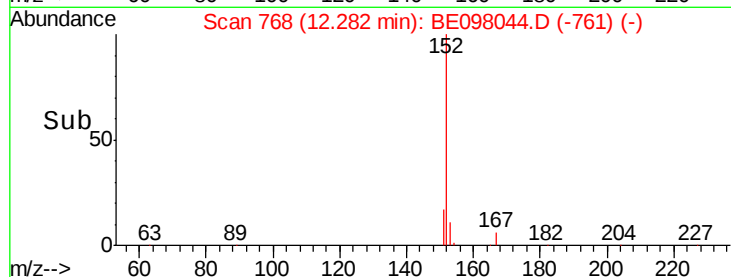
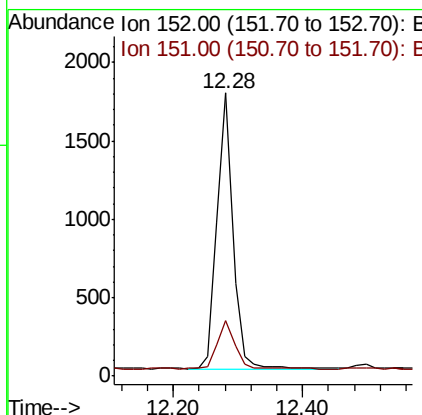
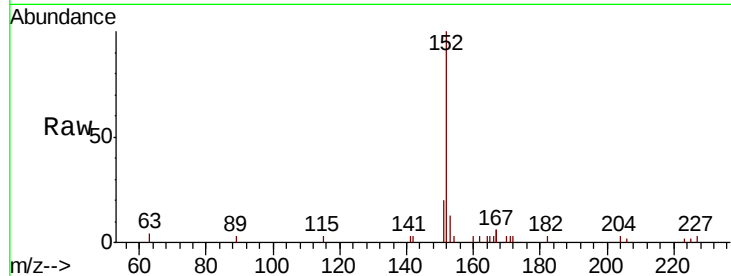
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4

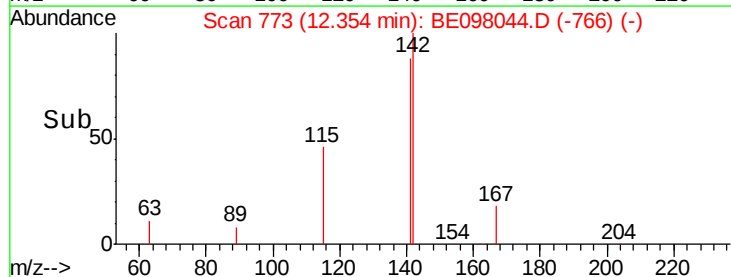
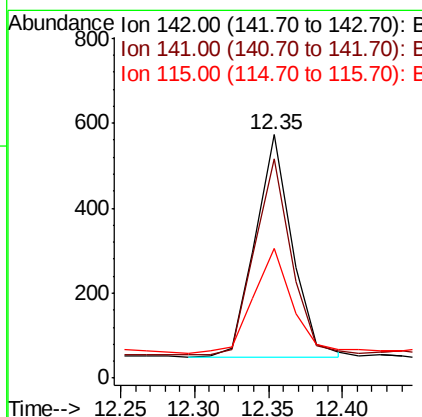
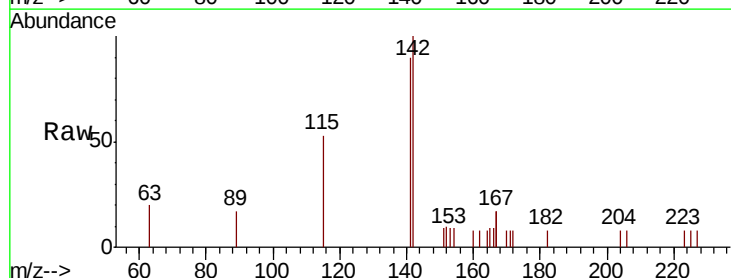
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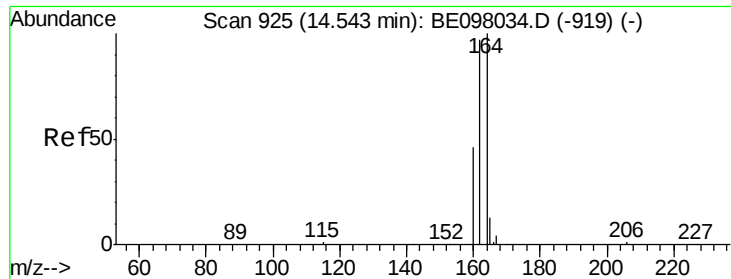
Sohil
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#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.8	104.6
115	53.1	30.5	45.7#





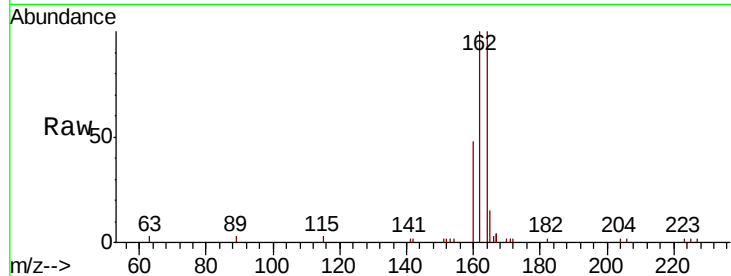
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	77.4	116.2
160	47.9	36.5	54.7

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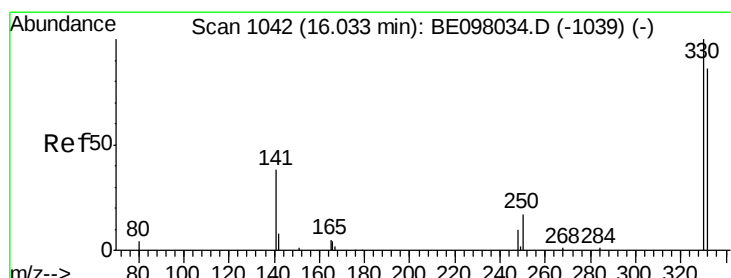
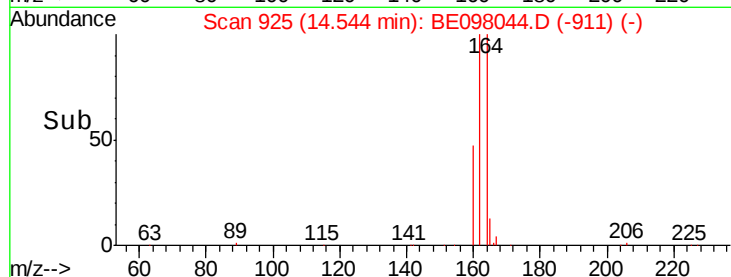
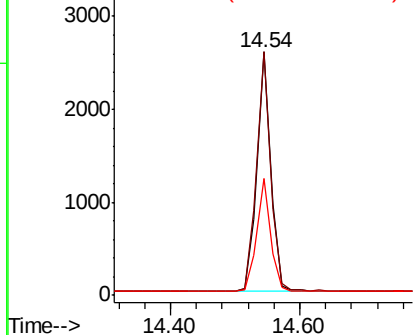


Abundance

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: 0.296 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

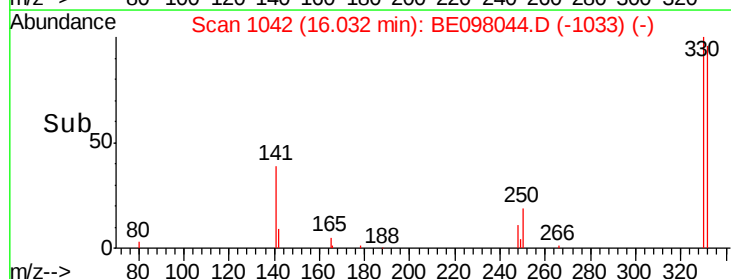
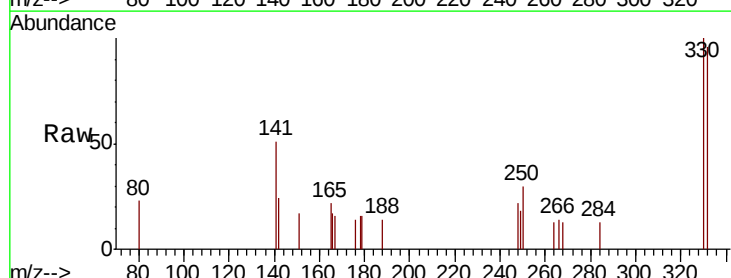
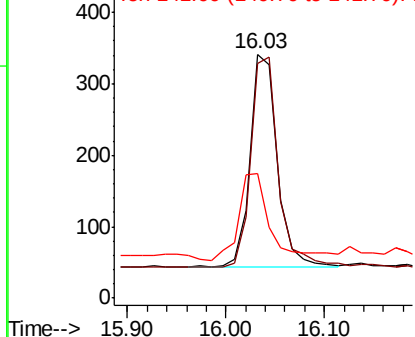
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	76.5	114.7
141	46.5	31.8	47.6

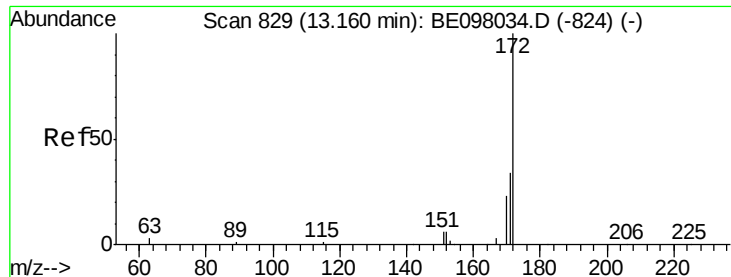
Abundance

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





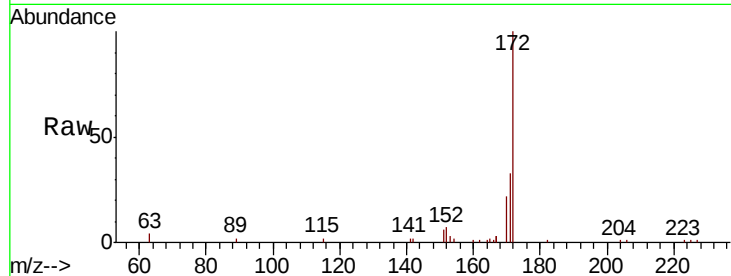
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.0	39.0
170	22.3	18.0	27.0

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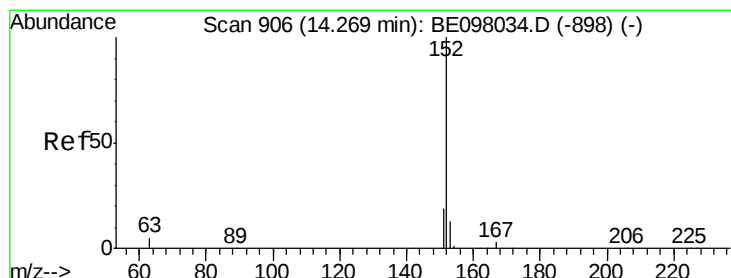
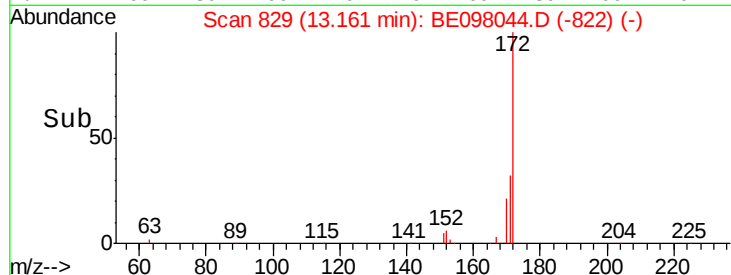
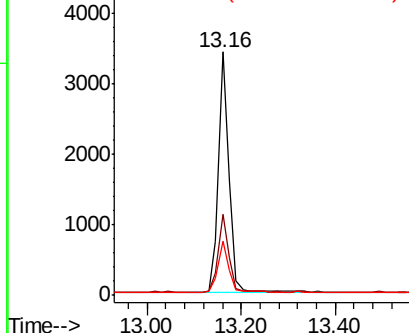


Abundance

Ion 172.00 (171.70 to 172.70): E

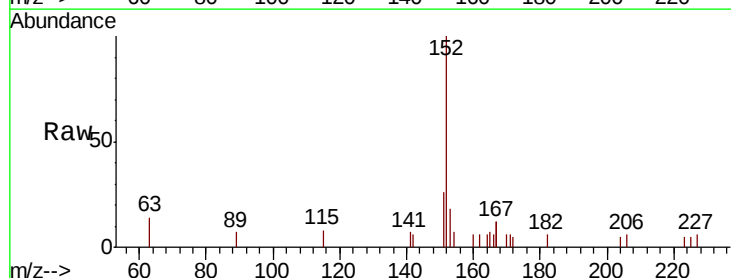
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	14.3	10.9	16.3

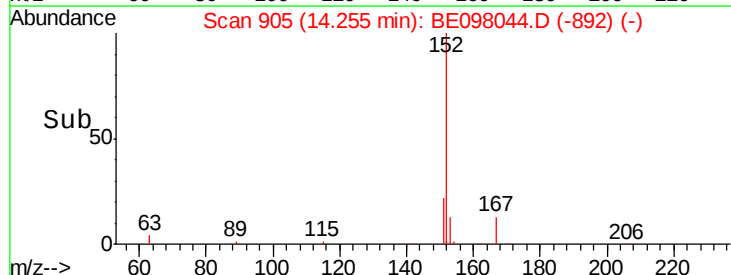
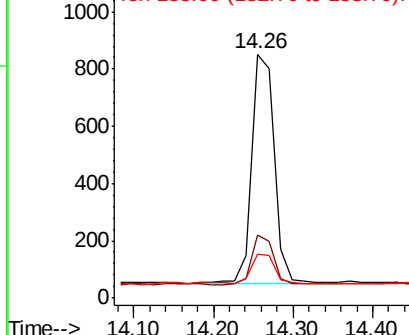


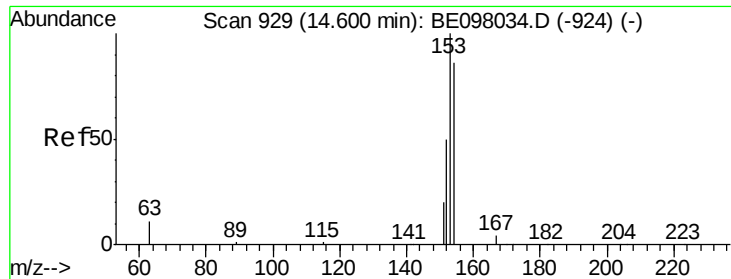
Abundance

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





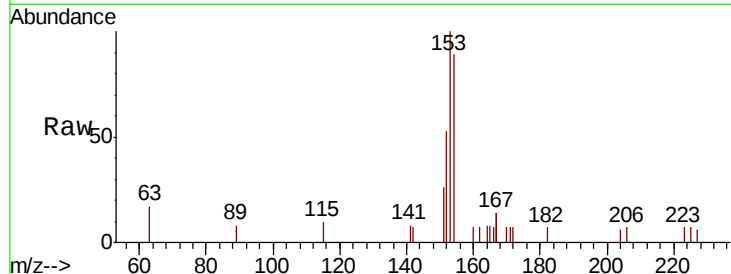
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.6	139.0
152	55.0	45.5	68.3

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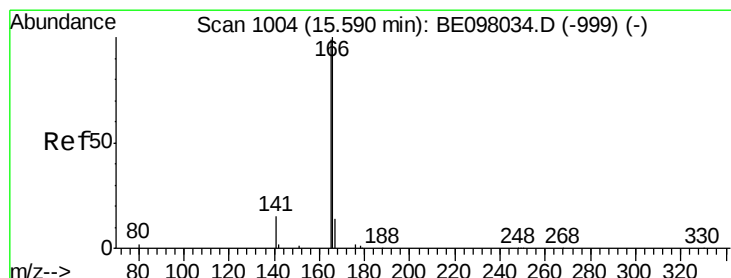
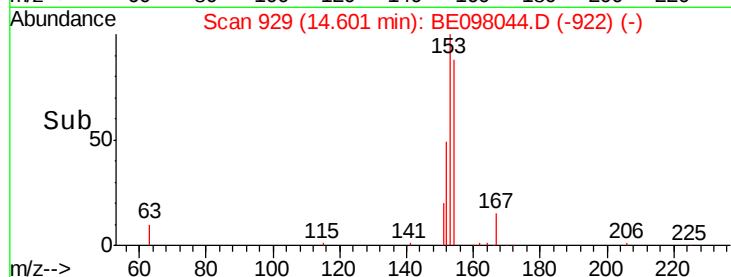
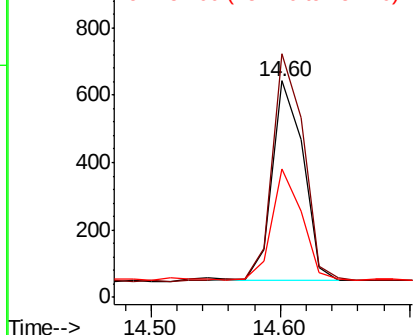


Abundance

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: 0.092 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

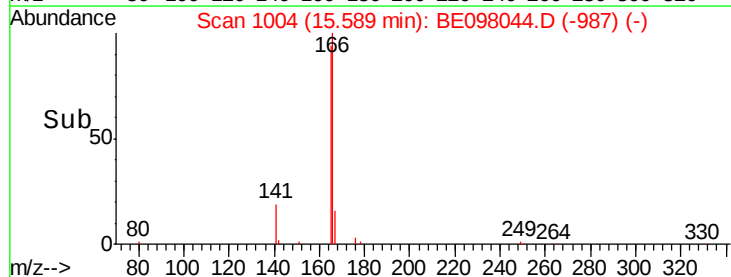
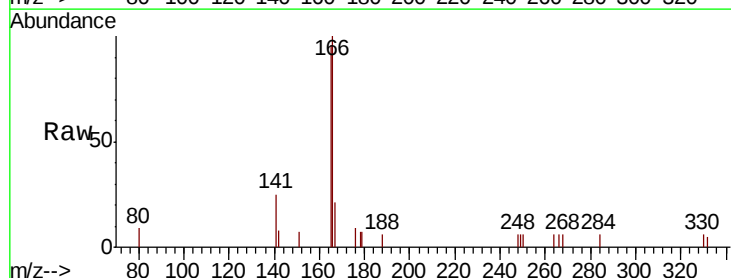
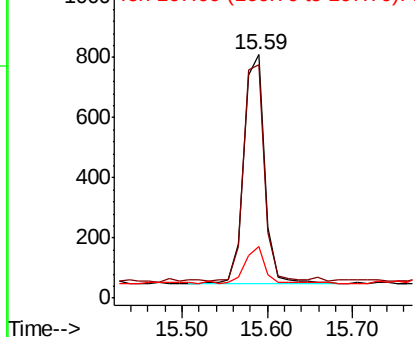
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	78.2	117.4
167	16.1	11.0	16.6

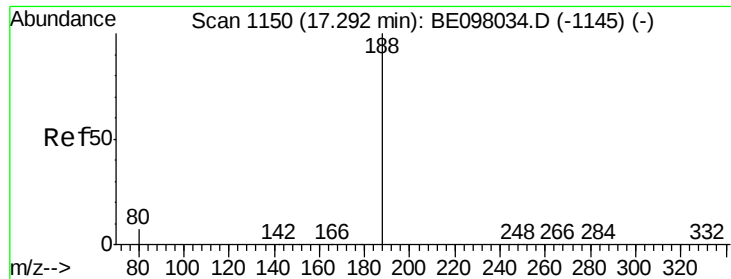
Abundance

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: 17.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

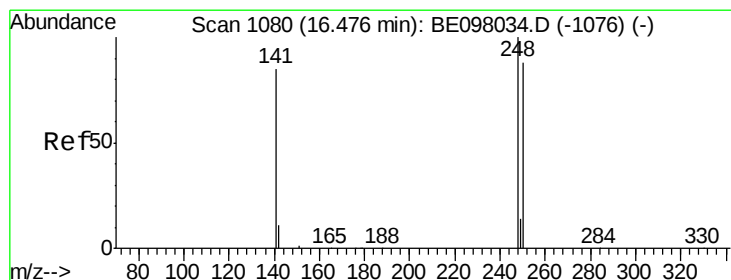
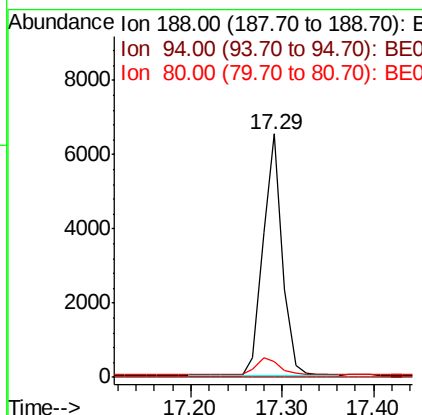
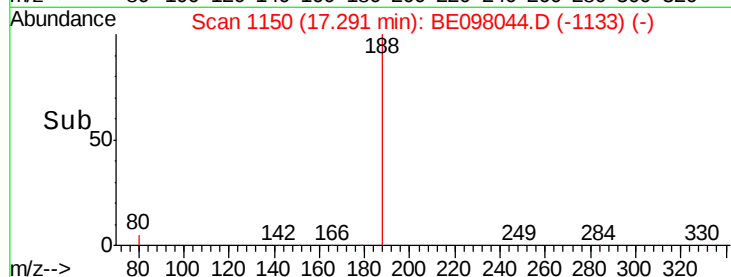
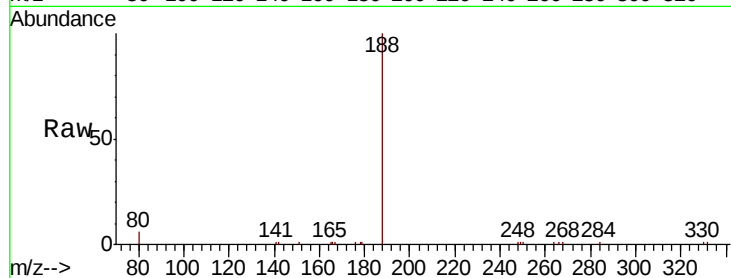
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	188	Resp:	9500
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.086 ng

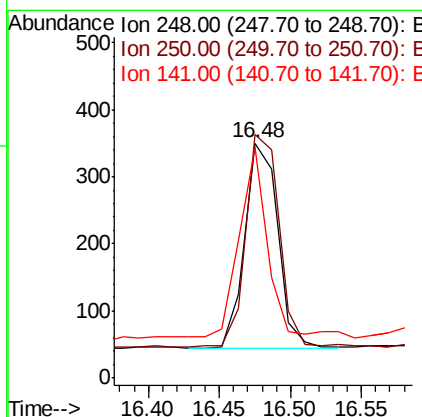
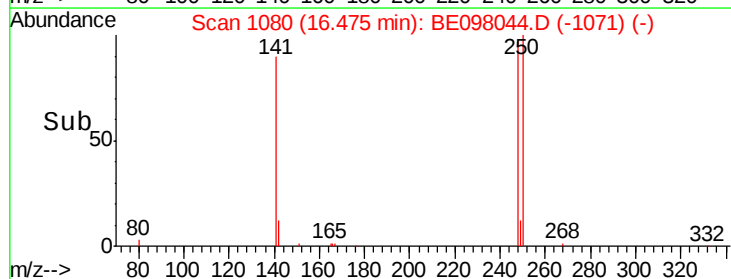
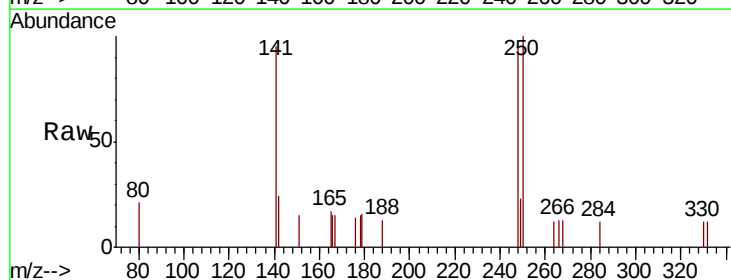
RT: 16.48 min Scan# 1080

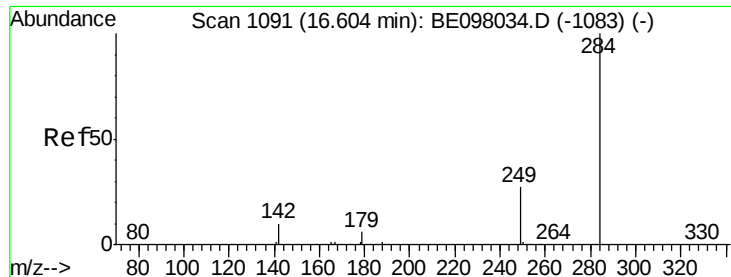
Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Tgt Ion:	248	Resp:	496
Ion Ratio	Lower	Upper	
248	100		
250	103.7	75.1	112.7
141	98.3	51.8	77.8#





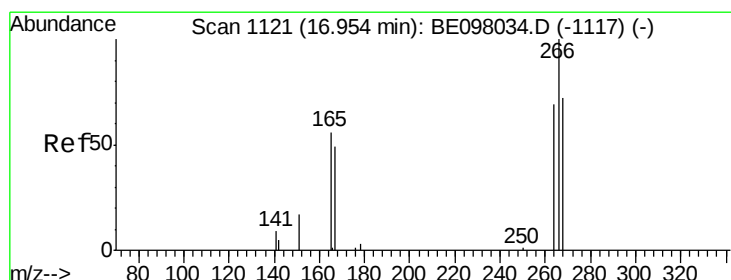
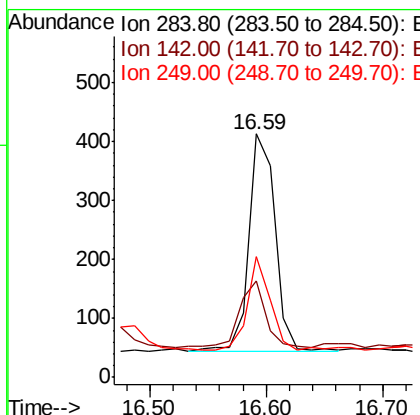
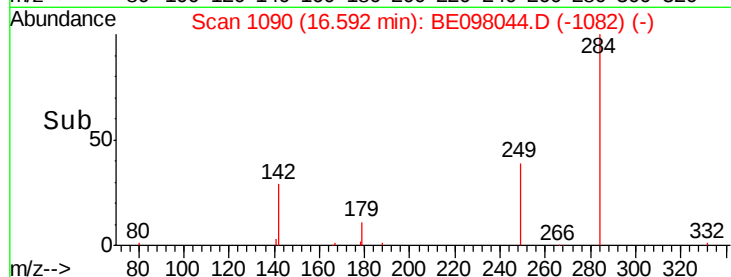
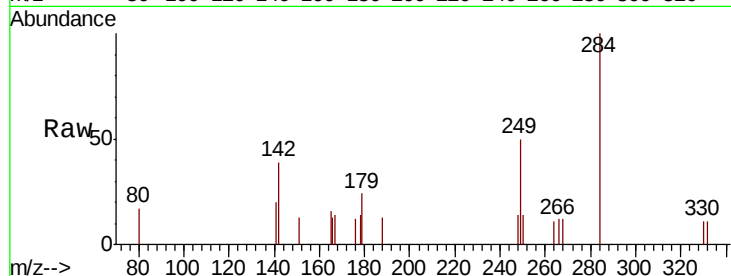
#21
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.9	38.9
249	37.8	26.6	40.0

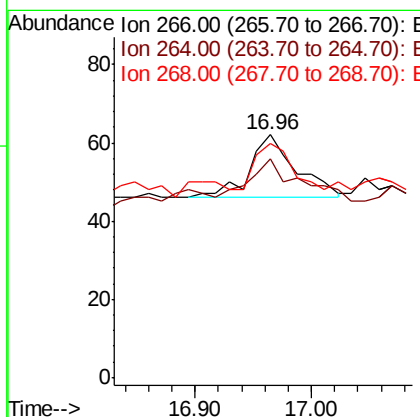
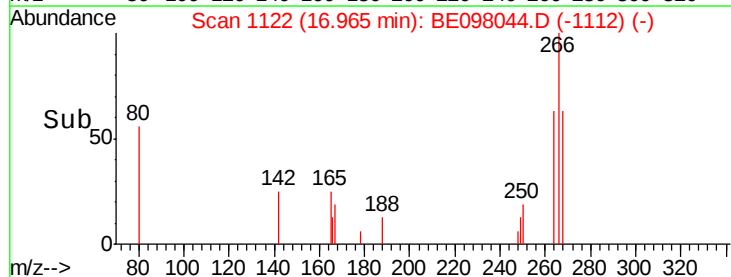
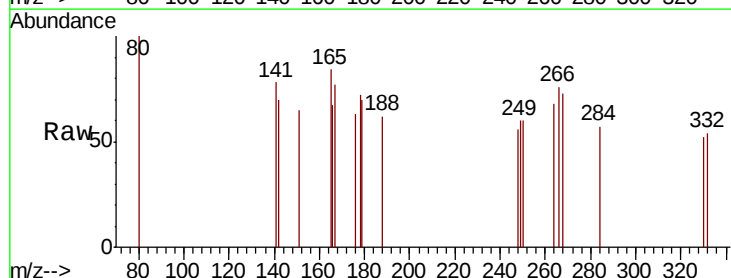
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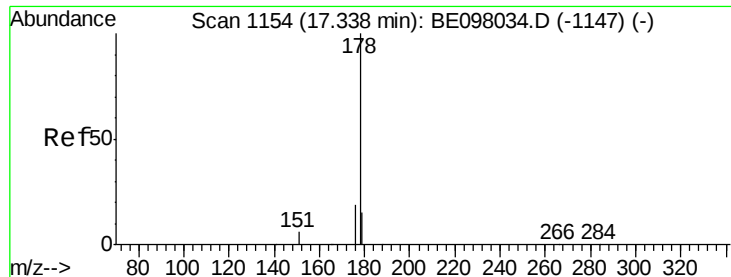
Sohil
10/25/2018 12:40:02 PM



#22
Pentachlorophenol
Concen: 0.090 ng
RT: 16.96 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	90.3	51.3	76.9#
268	96.8	50.1	75.1#





#23

Phenanthrene

Concen: 0.090 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

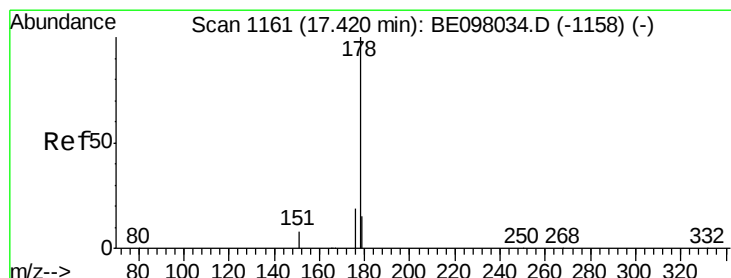
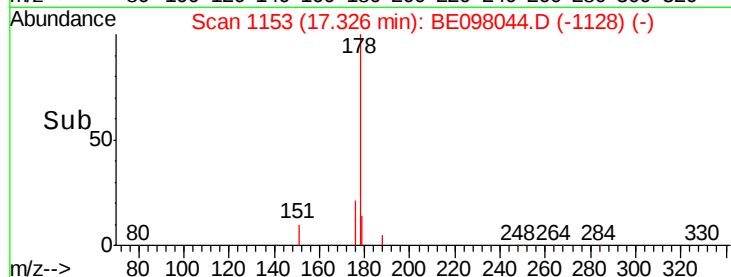
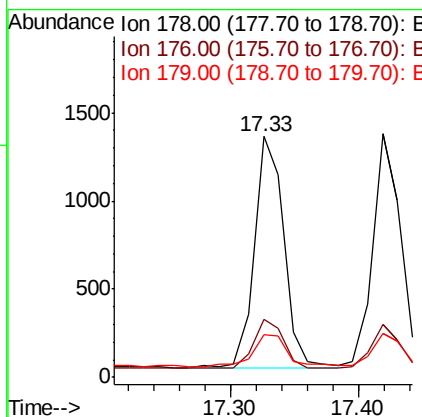
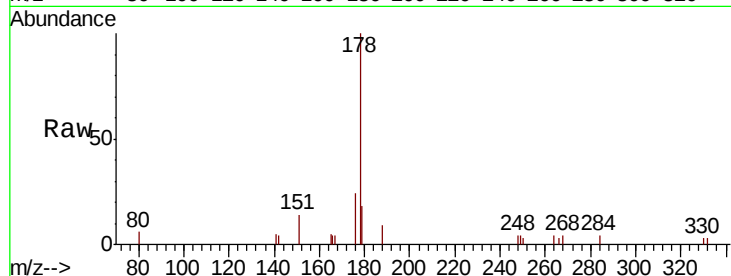
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:178	Resp:	2108
Ion Ratio	Lower	Upper
178	100	
176	21.3	15.5 23.3
179	16.7	12.2 18.4

Manual Integrations
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#24

Anthracene

Concen: 0.087 ng

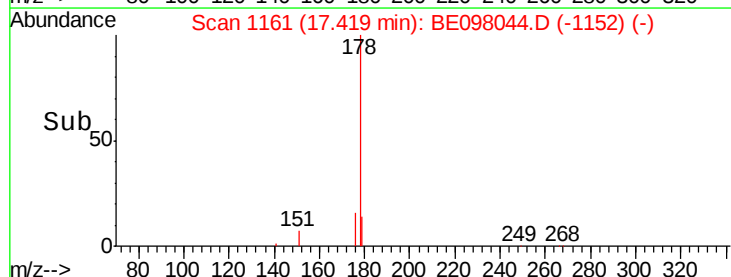
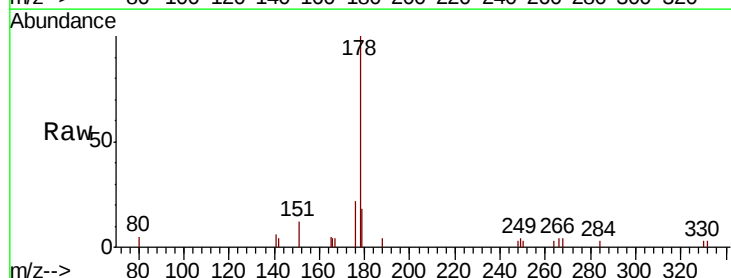
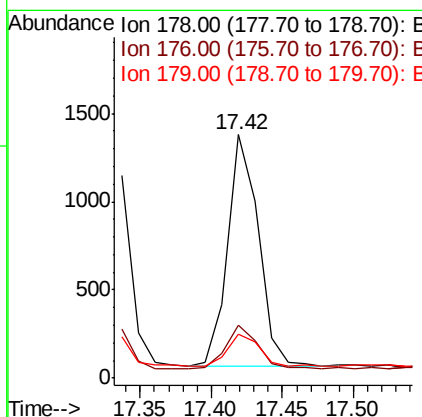
RT: 17.42 min Scan# 1161

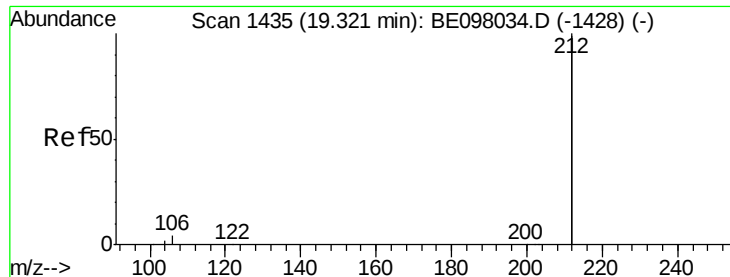
Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Tgt Ion:178	Resp:	1990
Ion Ratio	Lower	Upper
178	100	
176	20.3	14.9 22.3
179	15.1	11.9 17.9





#25

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

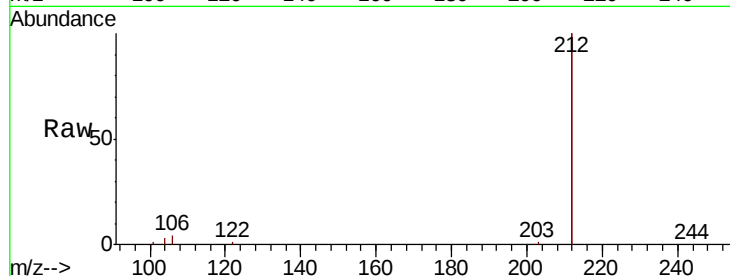
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

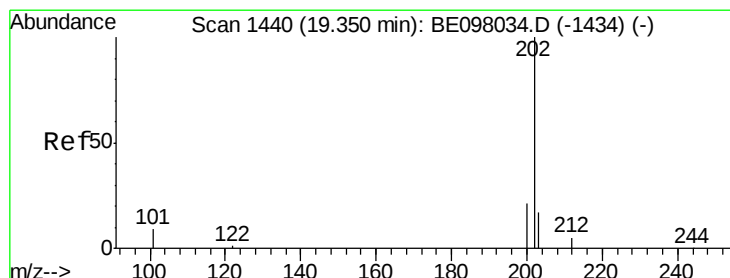
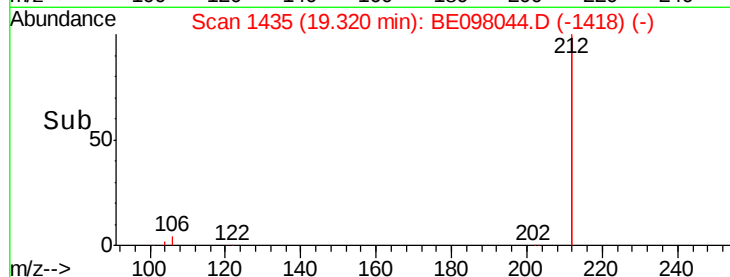
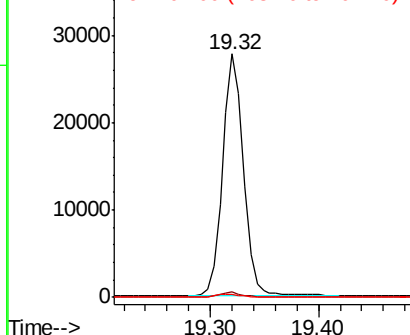
Tot Ion:	212	Resp:	36812
Ion Ratio	Lower	Upper	
212	100		
106	2.0	2.3	3.5#
104	1.2	1.3	1.9#

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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: 0.090 ng

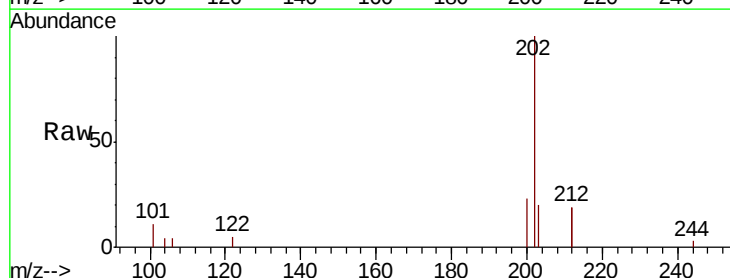
RT: 19.35 min Scan# 1440

Delta R.T. -0.00 min

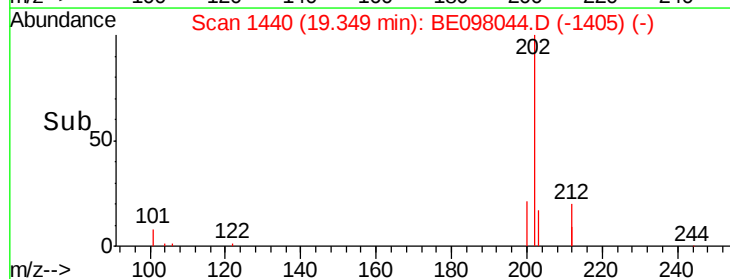
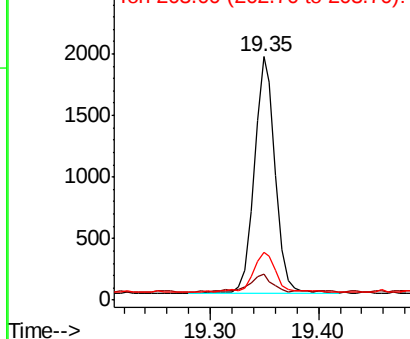
Lab File: BE098044.D

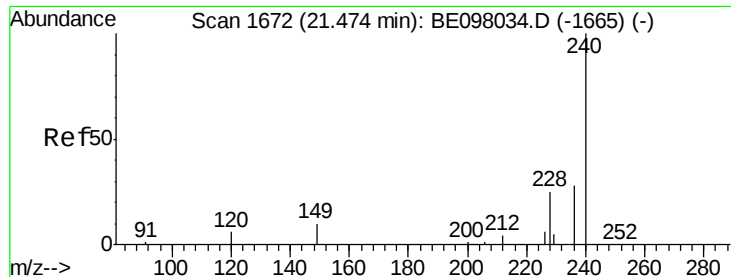
Acq: 24 Oct 2018 18:36

Tgt Ion:	202	Resp:	2613
Ion Ratio	Lower	Upper	
202	100		
101	8.5	8.2	12.2
203	18.5	15.0	22.4



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





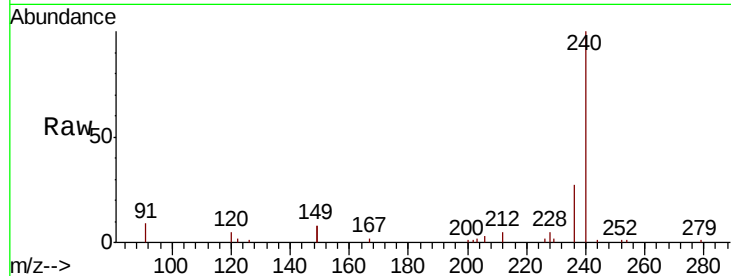
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.1	10.7#
236	27.0	21.3	31.9

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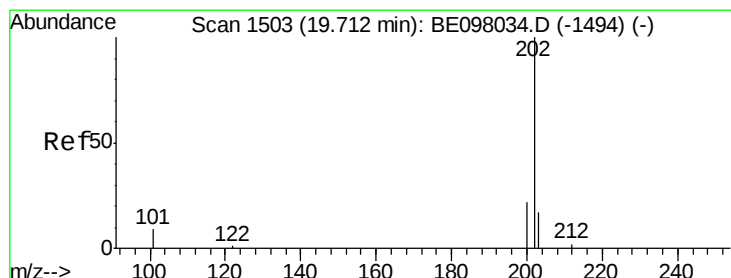
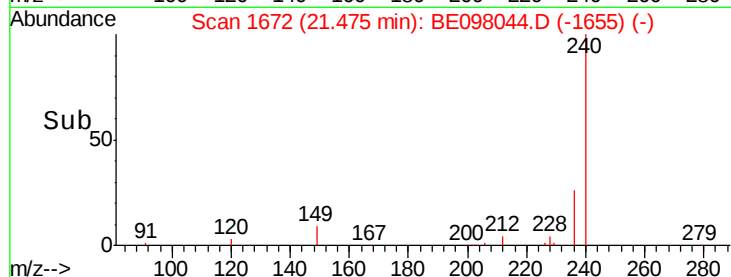
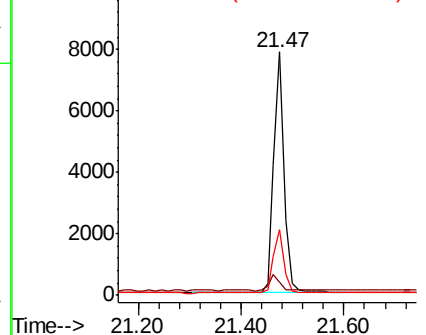


Abundance

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: 0.090 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

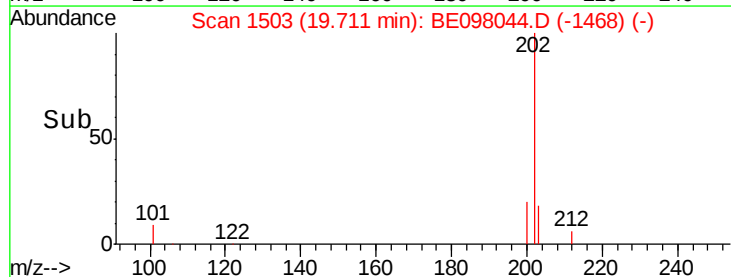
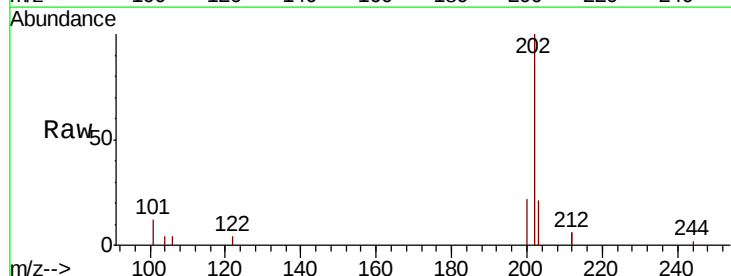
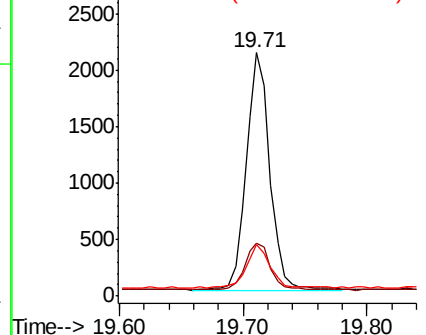
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.6	14.2	21.4

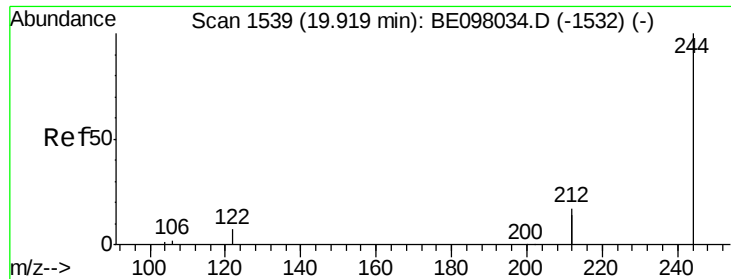
Abundance

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





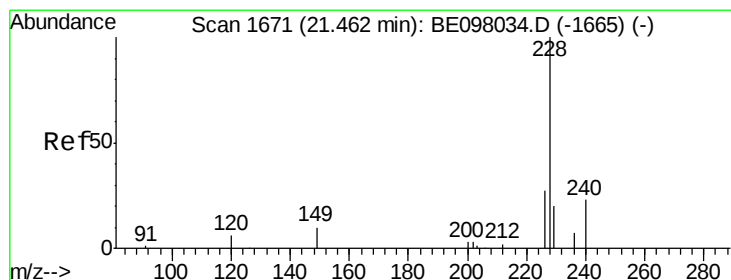
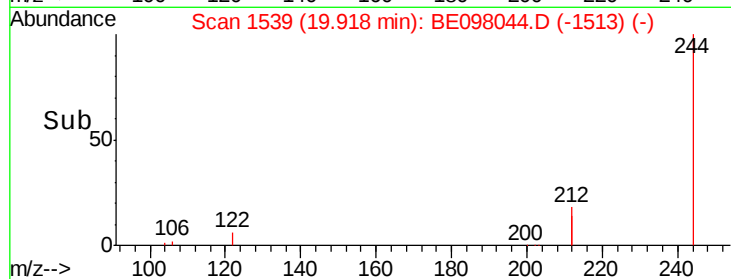
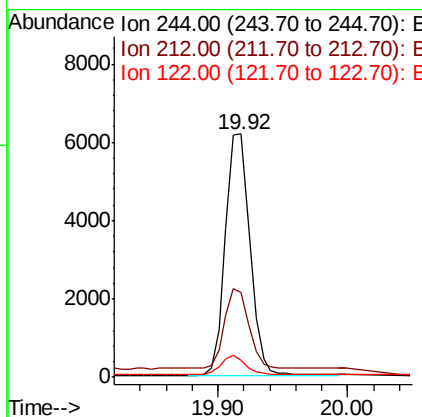
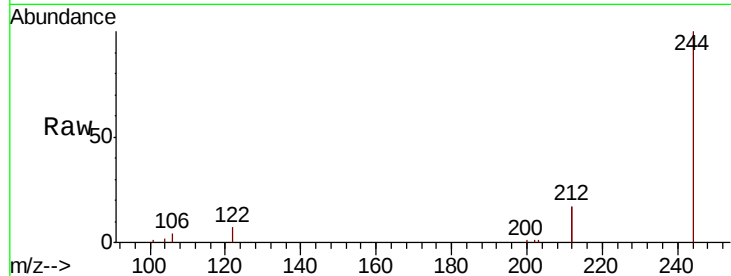
#29
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 19.92 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BE098044.D
 Acq: 24 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.0	26.2	39.2
122	7.2	7.7	11.5

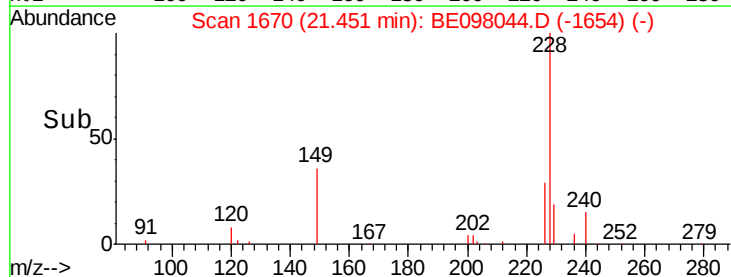
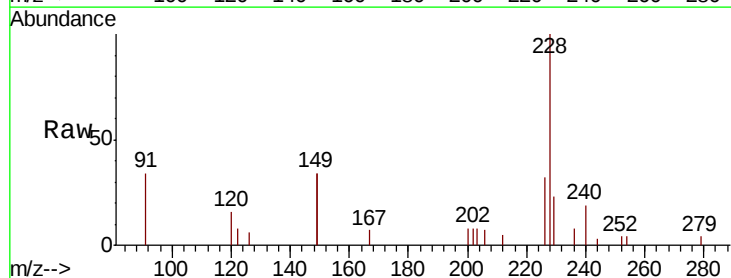
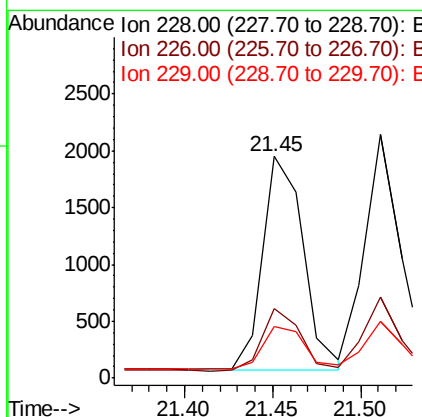
Manual Integrations
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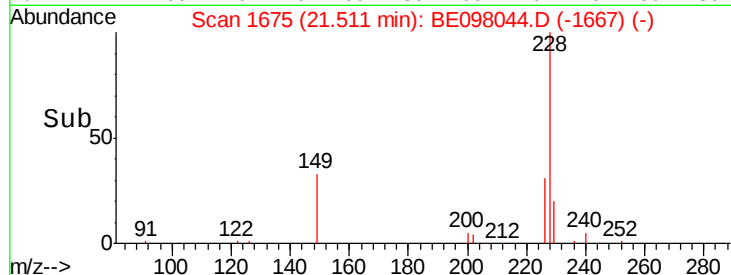
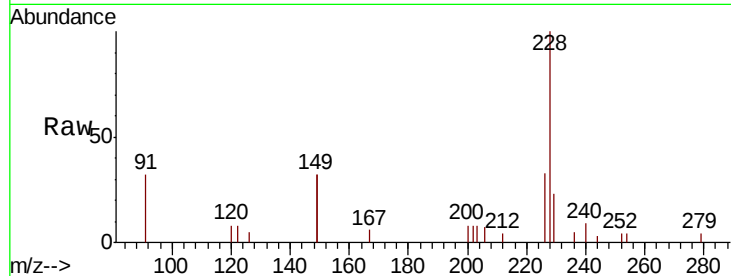
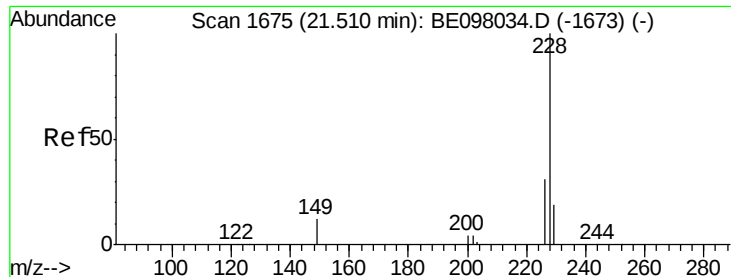
Sohil
 10/25/2018 12:40:02 PM



#30
 Benzo(a)anthracene
 Concen: 0.090 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098044.D
 Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	23.1	16.9	25.3





#31

Chrysene

Concen: 0.087 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

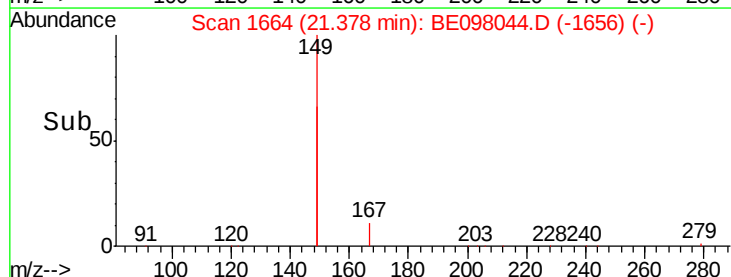
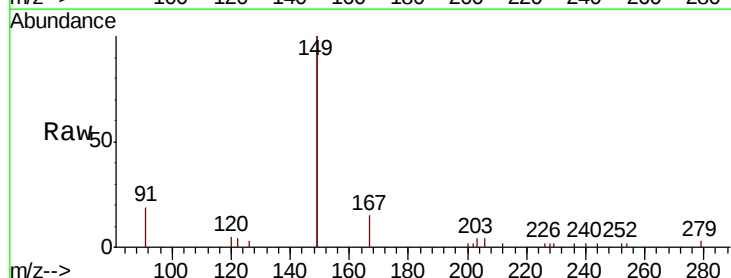
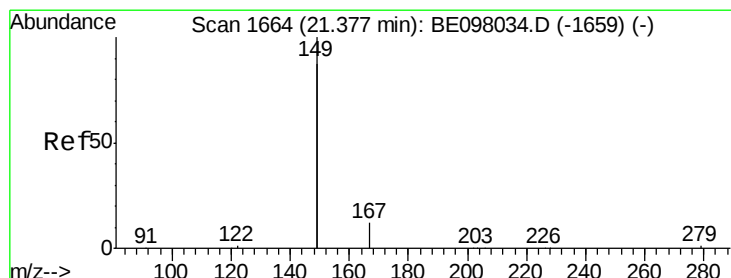
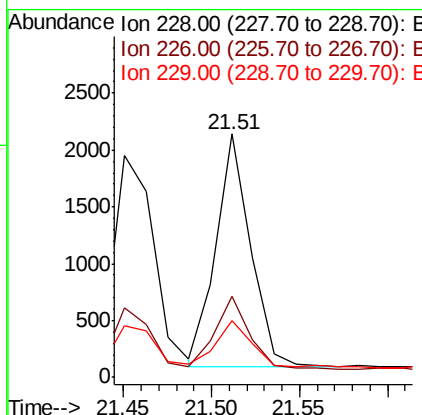
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	228	Resp:	2800
Ion Ratio	Lower	Upper	
228	100		
226	33.1	24.3	36.5
229	23.3	17.3	25.9

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

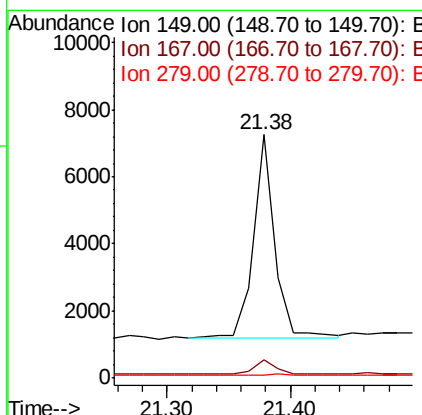
RT: 21.38 min Scan# 1664

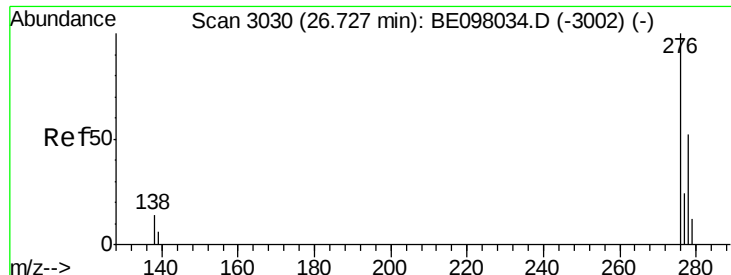
Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Tgt Ion:	149	Resp:	7260
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.6	8.4
279	1.1	0.9	1.3





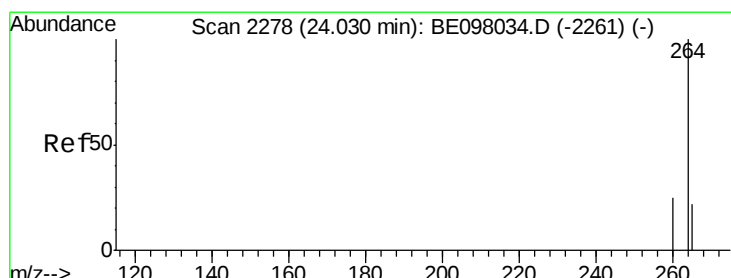
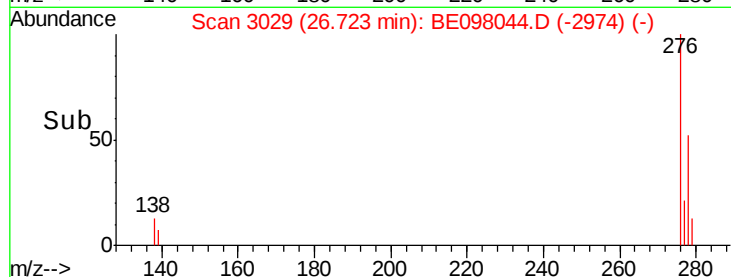
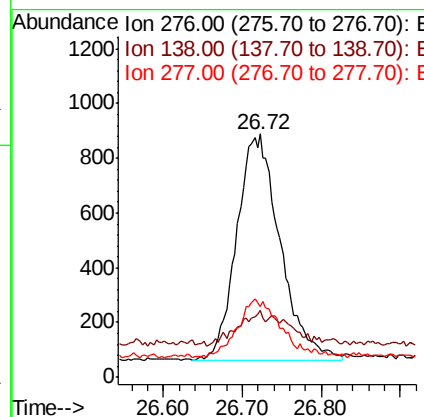
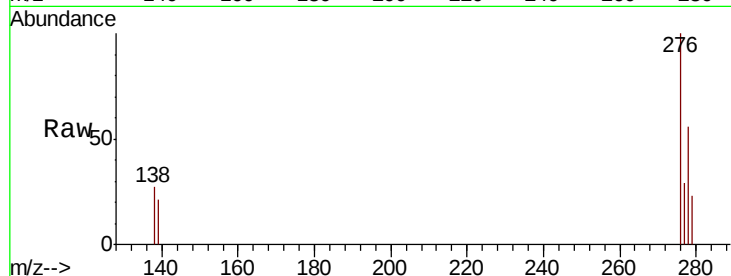
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.8	17.0	25.6#
277	24.4	20.5	30.7

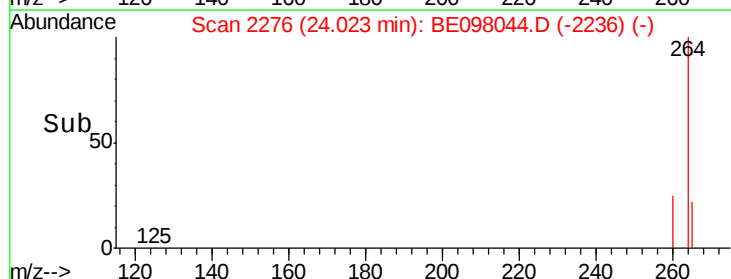
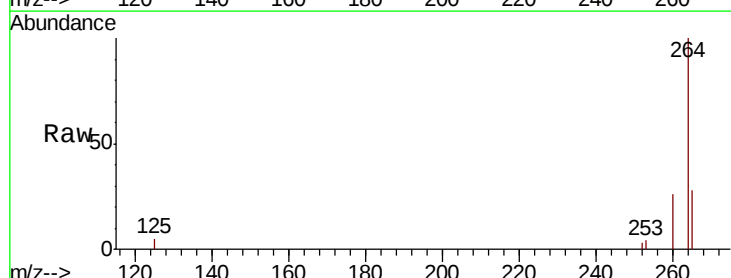
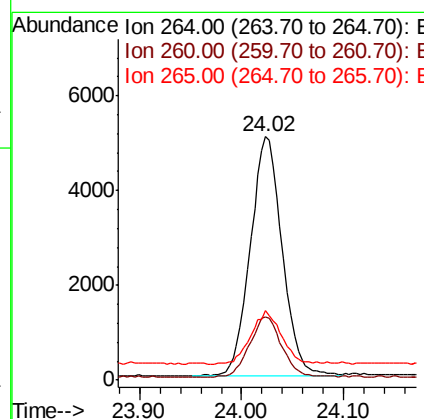
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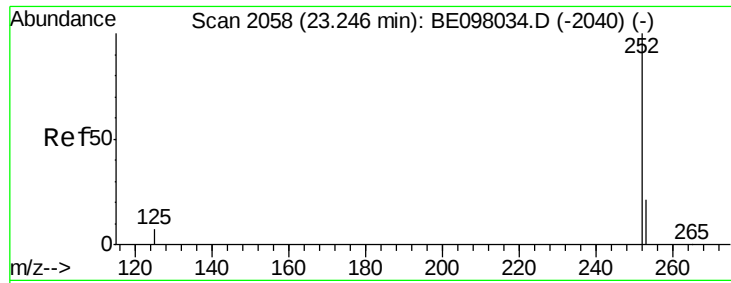
Sohil
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.1	31.7
265	28.3	29.2	43.8#





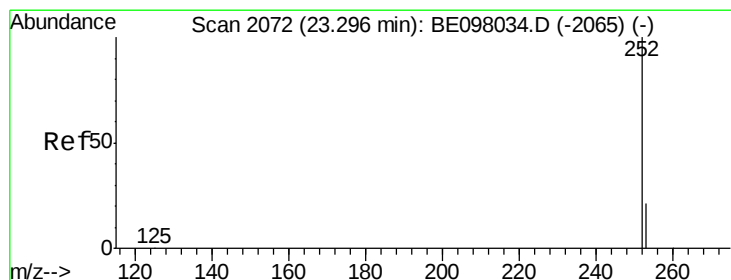
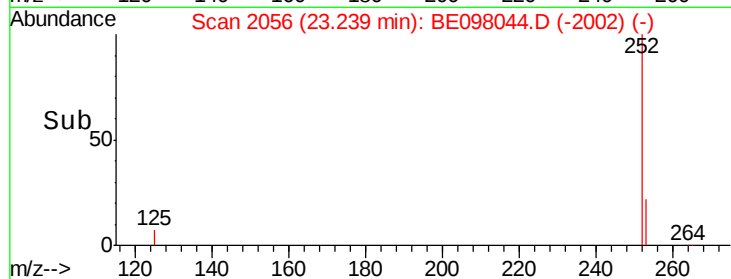
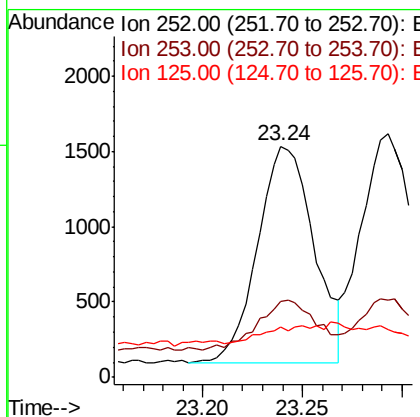
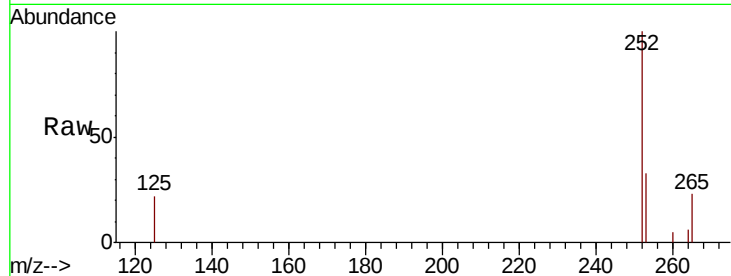
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.24 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	20.6	31.0#
125	21.6	14.3	21.5#

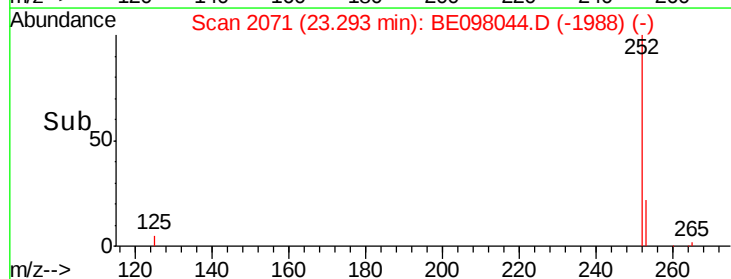
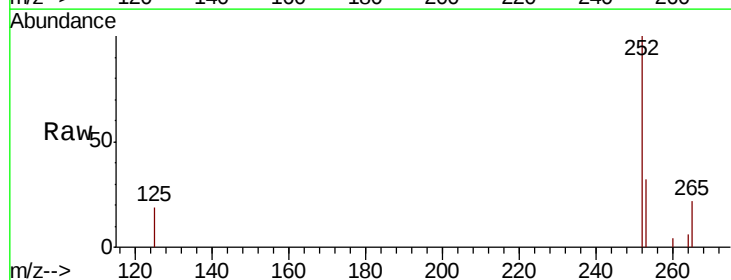
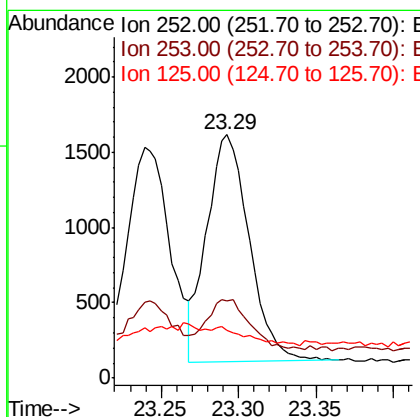
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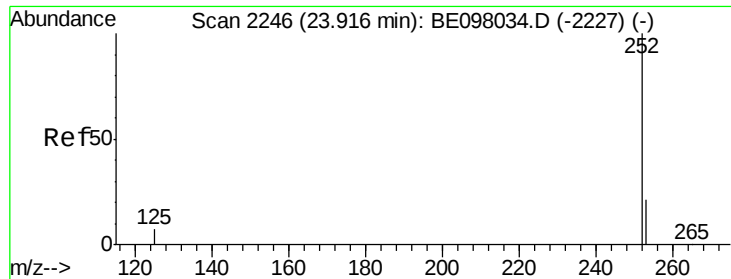
Sohil
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#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	20.4	30.6#
125	19.4	14.6	21.8





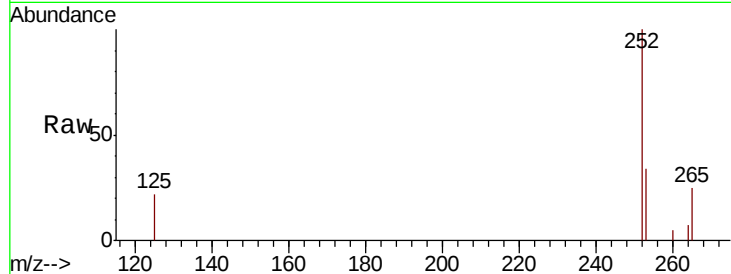
#37
Benzo(a)pyrene
Concen: 0.089 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.4	20.6	31.0#
125	22.0	15.6	23.4

Manual Integrations
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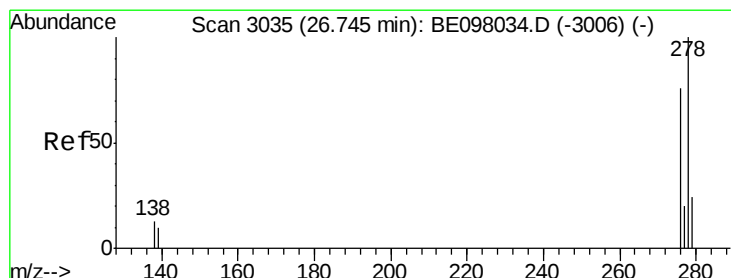
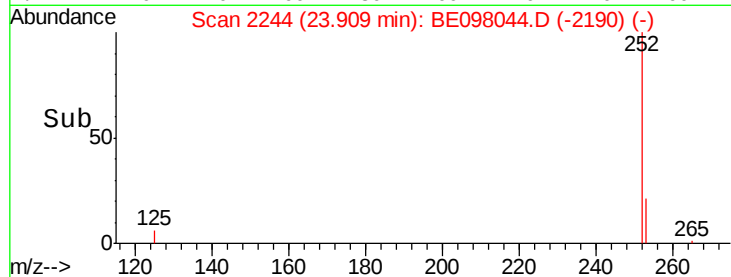
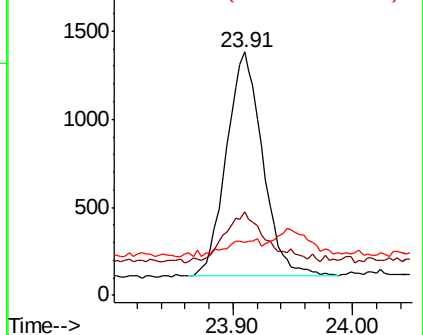


Abundance

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: 0.089 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

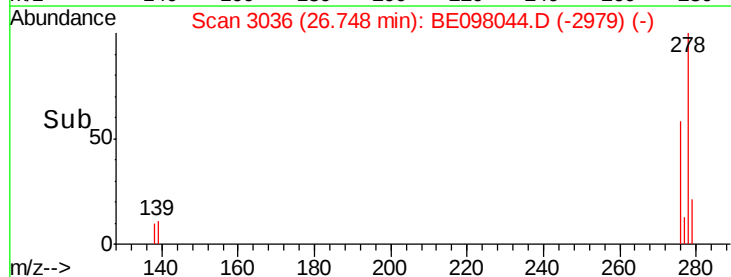
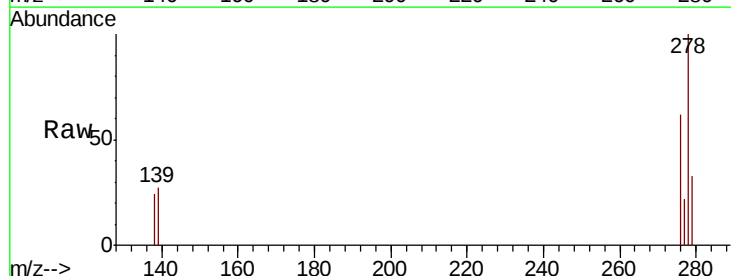
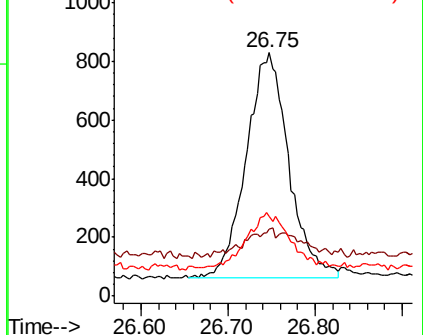
Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.3	16.3	24.5#
279	32.7	21.4	32.2#

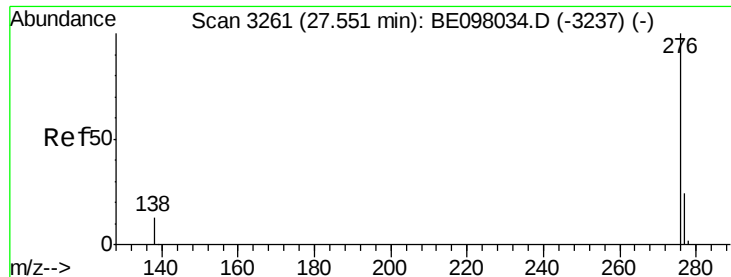
Abundance

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: 0.092 ng/ml

RT: 27.55 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BE098044.D

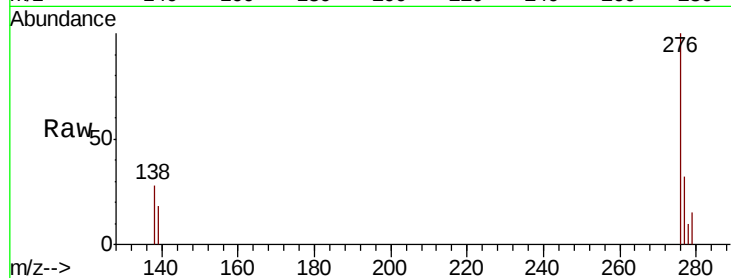
Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018



Tot Ion:	276	Resp:	2677
Ion Ratio	Lower	Upper	
276	100		
277	32.0	22.1	33.1
138	28.2	19.3	28.9

Manual Integrations
APPROVED

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10/25/2018 12:40:02 PM

