

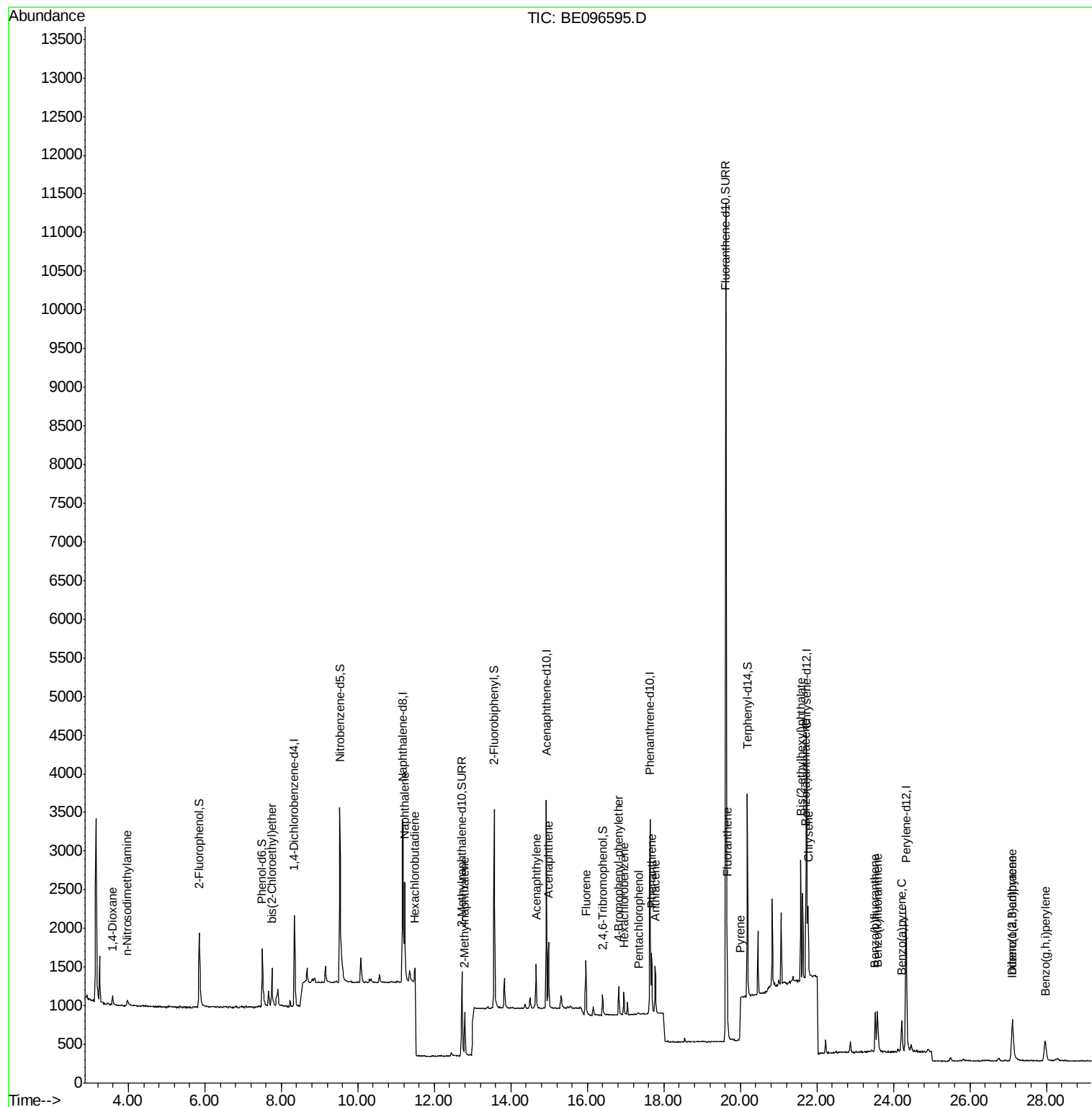
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
Data File : BE096595.D
Acq On : 16 May 2018 16:07
Operator : SJ/JU
Sample : J2133-07
Misc : LOD 0.1
ALS Vial : 10 Sample Multiplier: 1

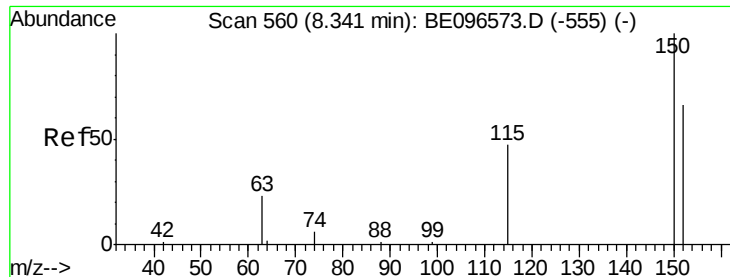
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Manual Integrations
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Sohil
5/17/2018 5:05:55 PM

Quant Time: May 17 04:10:09 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration





#1

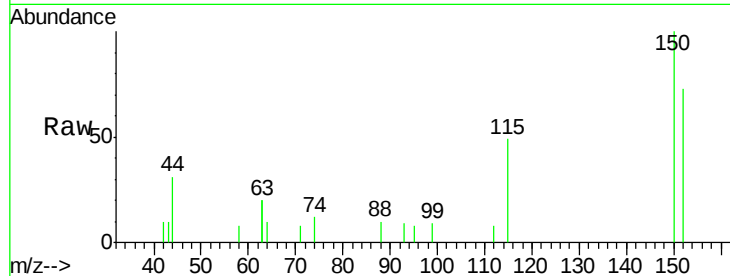
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

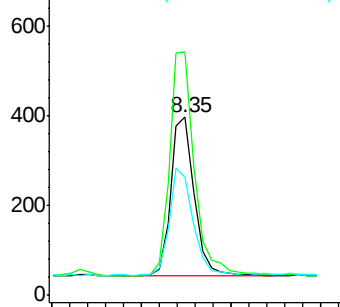
Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.5	117.2	175.8
115	66.2	57.0	85.6

Manual Integrations
APPROVED

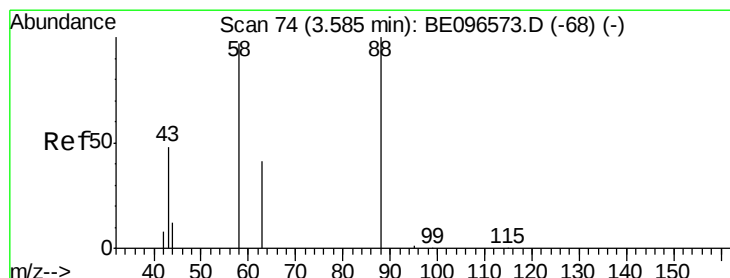
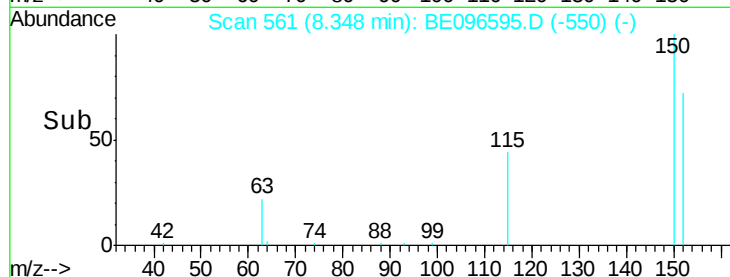
Sohil
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



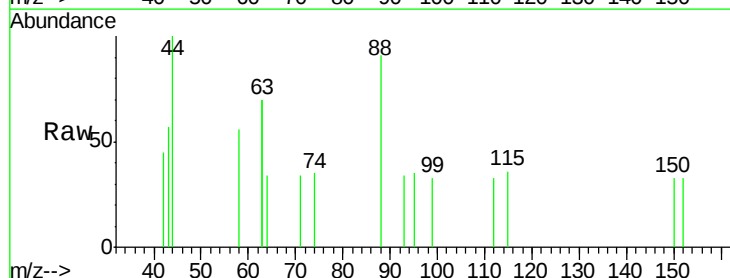
Time-->



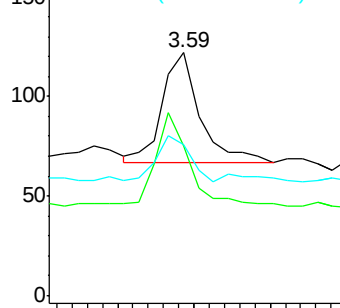
#2

1,4-Dioxane
Concen: 0.096 ng
RT: 3.59 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

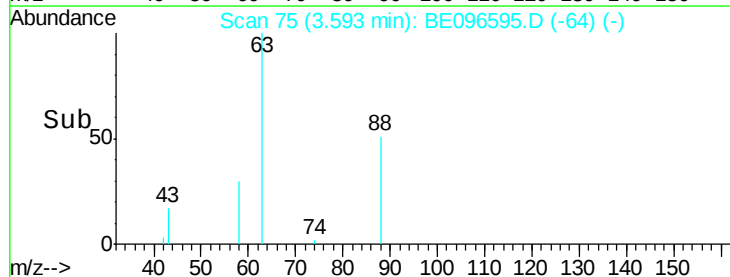
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.2	94.8
43	40.0	41.2	61.8#

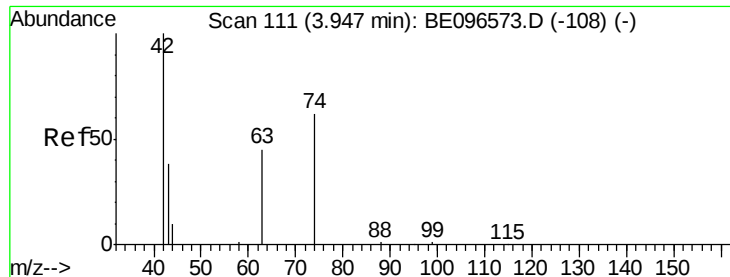


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

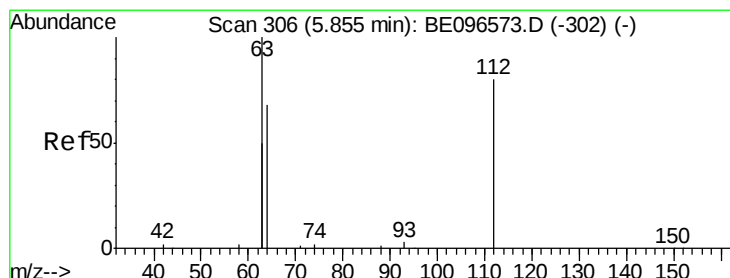
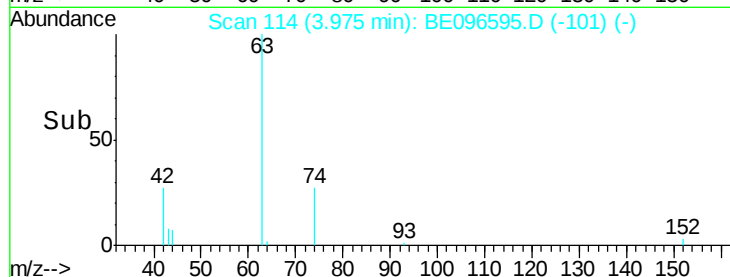
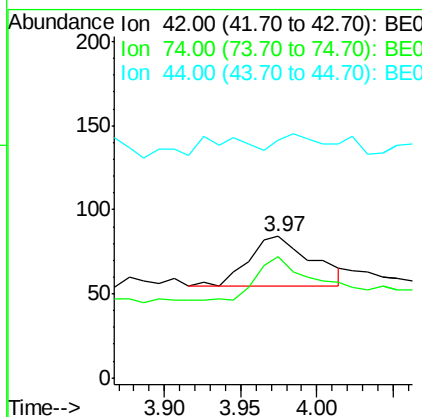
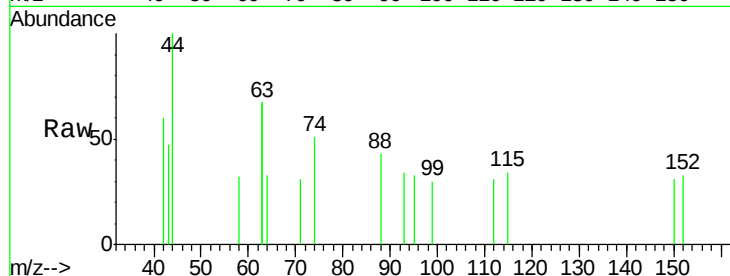
n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.97 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tgt Ion:	42	Resp:	83
Ion Ratio	Lower	Upper	
42	100		
74	78.3	96.0	144.0#
44	19.3	12.0	18.0#

Manual Integrations
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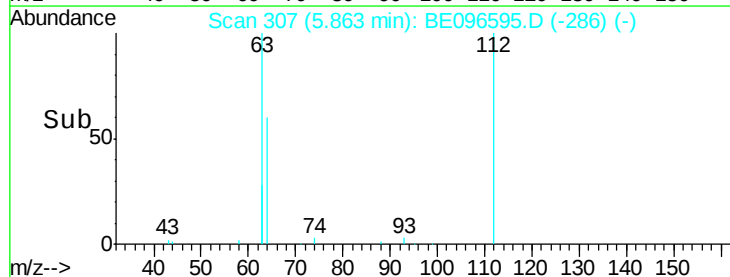
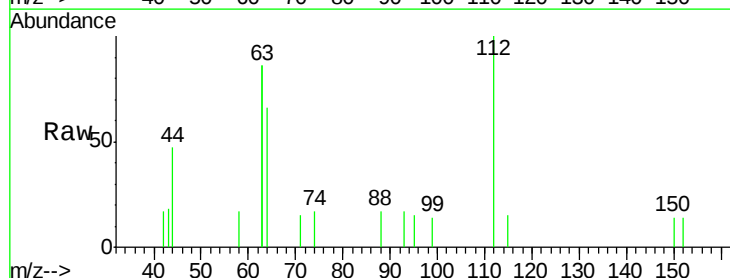
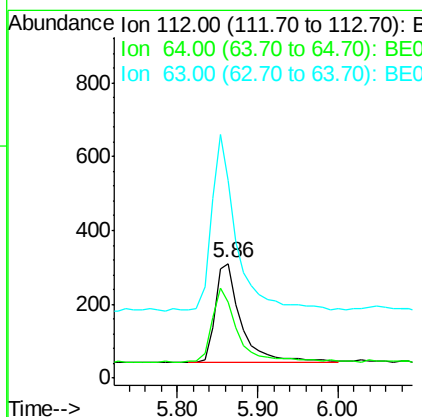
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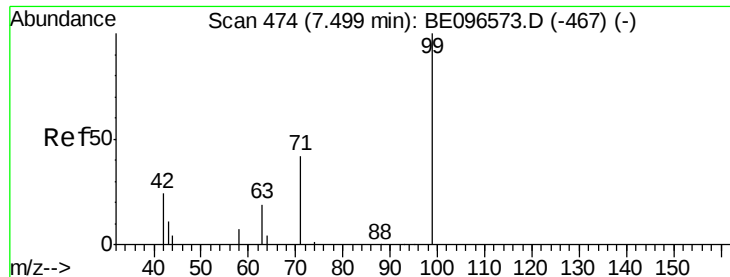


#4

2-Fluorophenol
 Concen: 0.333 ng
 RT: 5.86 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Tgt Ion:	112	Resp:	605
Ion Ratio	Lower	Upper	
112	100		
64	74.9	60.1	90.1
63	173.2	116.8	175.2





#5

Phenol-d6

Concen: 0.309 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

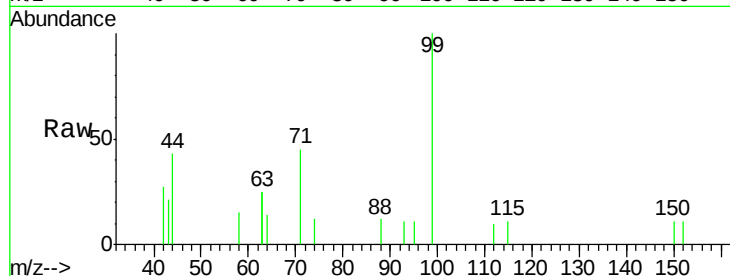
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

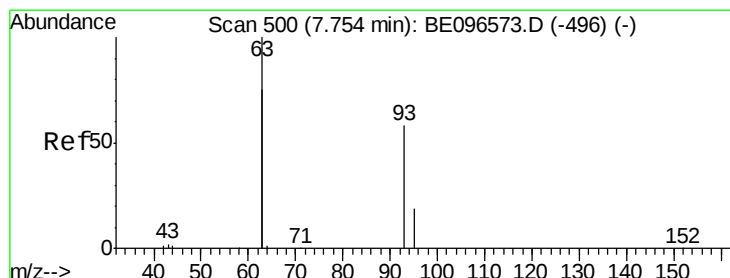
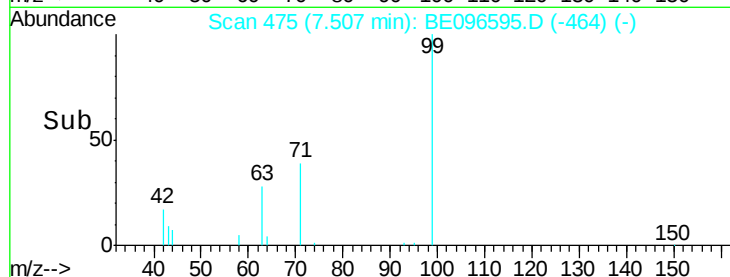
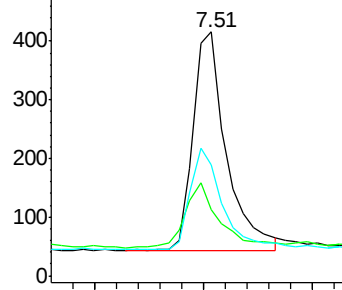
Tgt Ion:	99	Resp:	793
Ion	Ratio	Lower	Upper
99	100		
42	30.1	20.2	30.2
71	45.3	28.4	42.6

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.090 ng

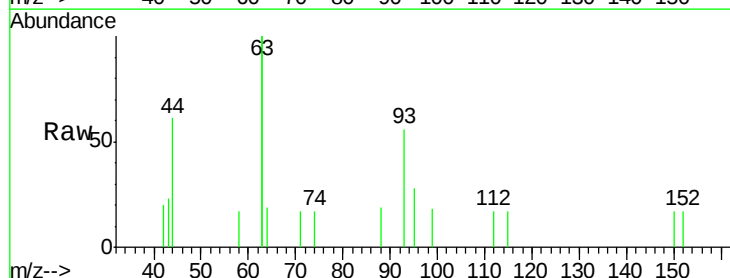
RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

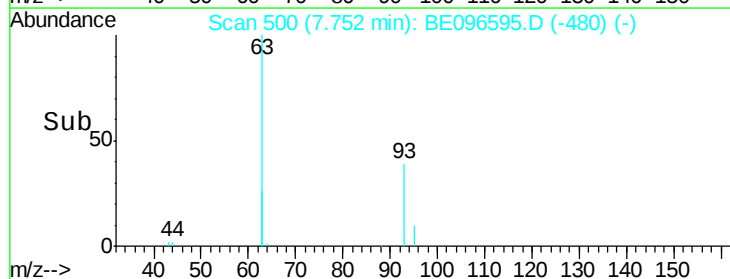
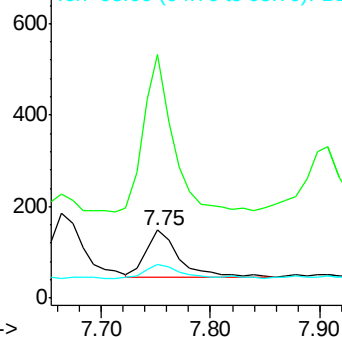
Lab File: BE096595.D

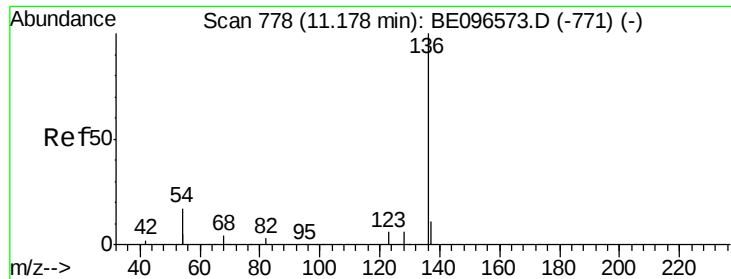
Acq: 16 May 2018 16:07

Tgt Ion:	93	Resp:	216
Ion	Ratio	Lower	Upper
93	100		
63	293.5	275.3	412.9
95	30.6	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096595.D

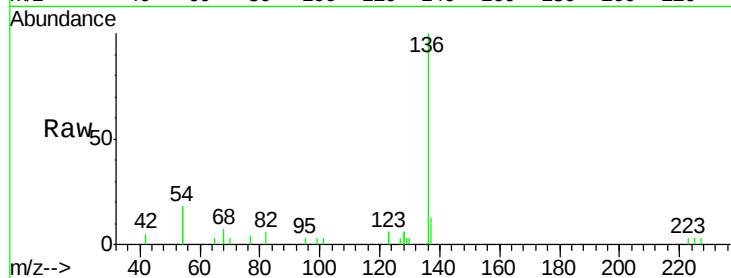
Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

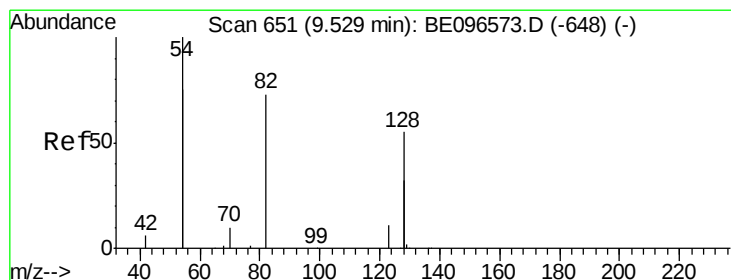
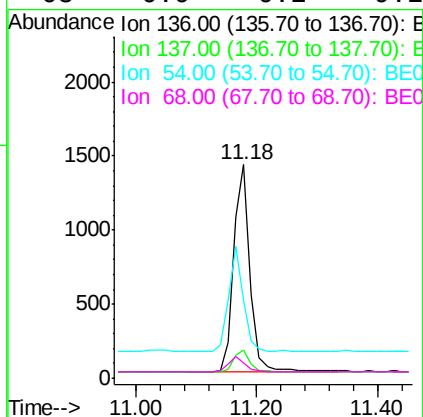
LOD-MDL-WATER-01-QT2-2018



Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	36.3	29.1	43.7
68	6.9	6.2	9.2

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.344 ng

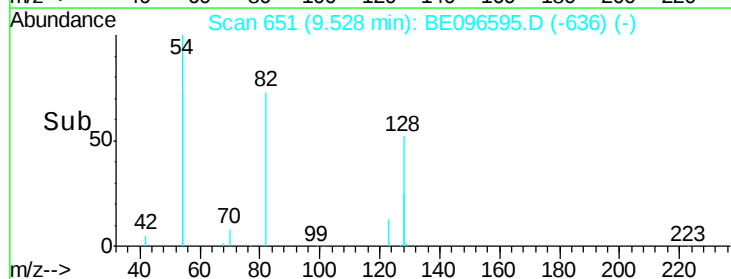
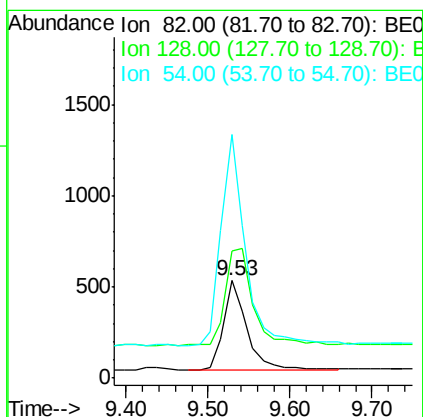
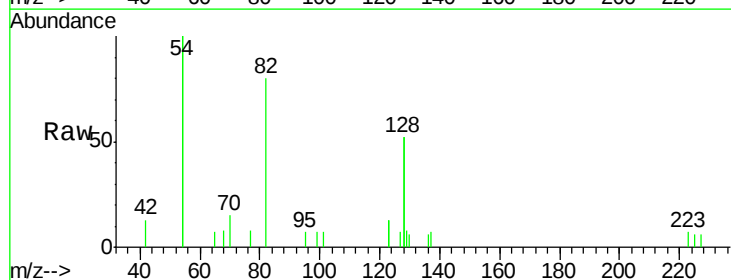
RT: 9.53 min Scan# 651

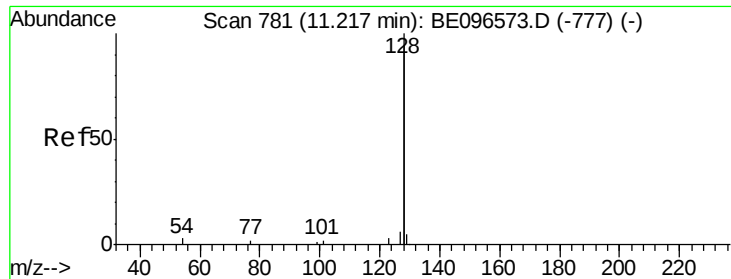
Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	130.3	150.0	225.0#
54	250.2	154.2	231.4#





#9

Naphthalene

Concen: 0.092 ng

RT: 11.23 min Scan# 782

Delta R.T. 0.01 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

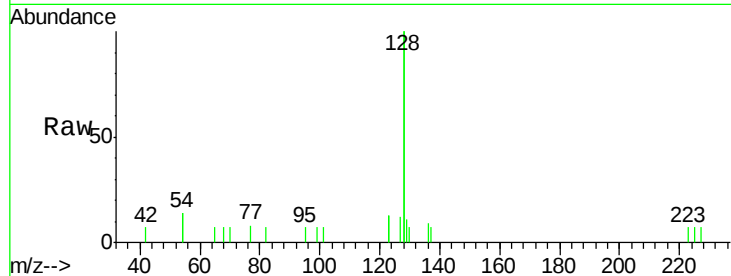
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tgt Ion:	128	Resp:	2568
Ion Ratio	Lower	Upper	
128	100		
129	5.4	2.6	3.8#
127	5.9	2.8	4.2#

Manual Integrations
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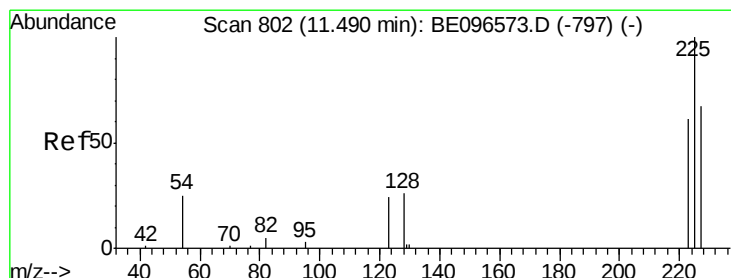
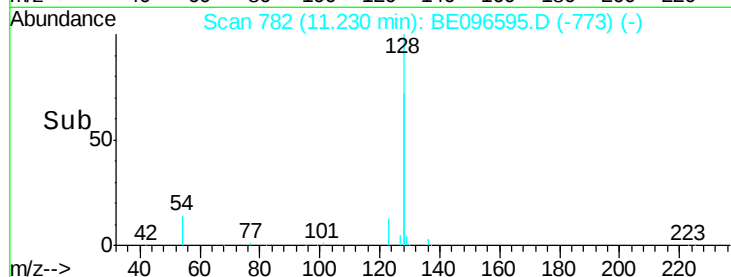
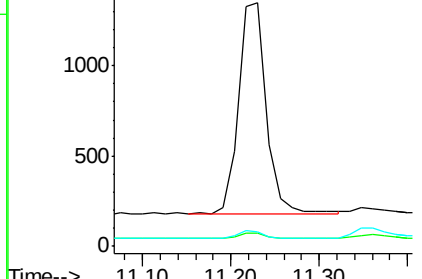
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Abundance Ion 128.00 (127.70 to 128.70): E

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: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096595.D

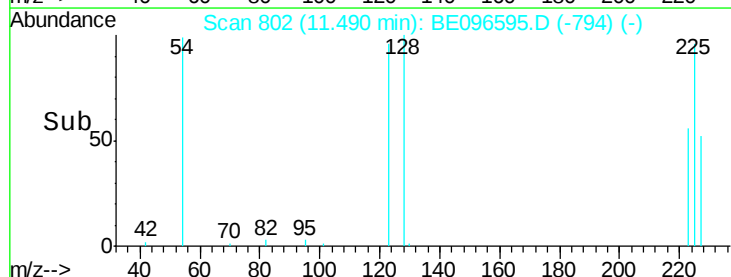
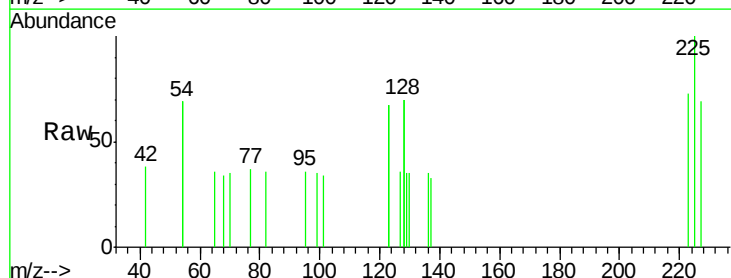
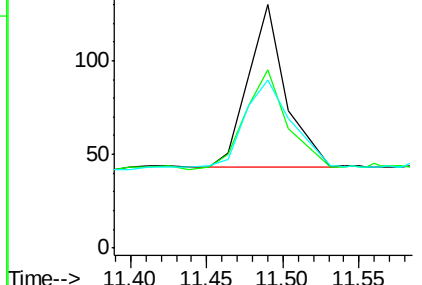
Acq: 16 May 2018 16:07

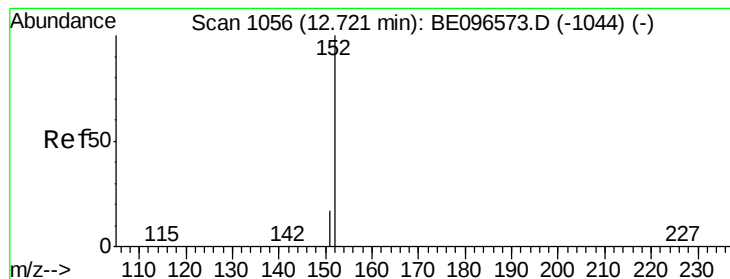
Tgt Ion:	225	Resp:	147
Ion Ratio	Lower	Upper	
225	100		
223	68.7	53.0	79.6
227	50.3	51.4	77.2#

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





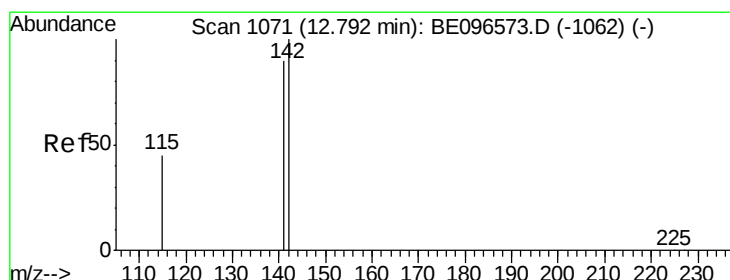
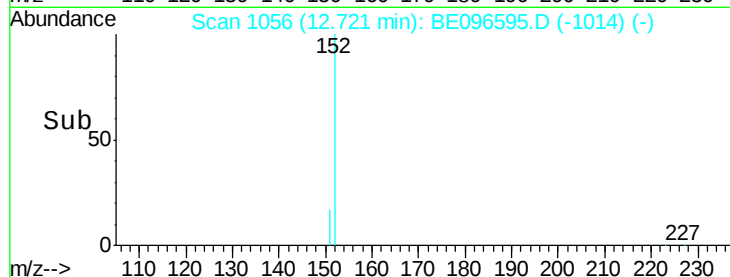
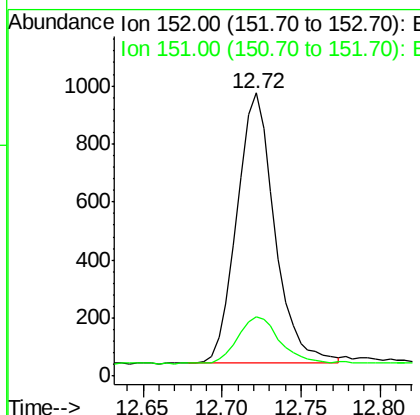
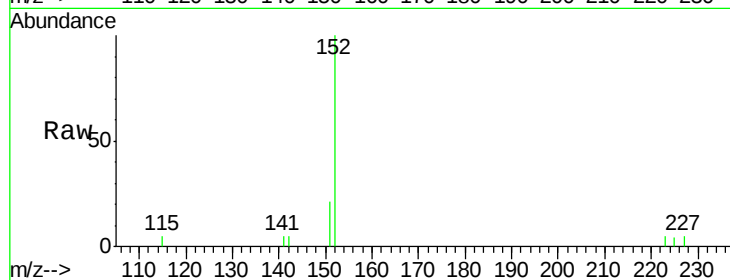
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

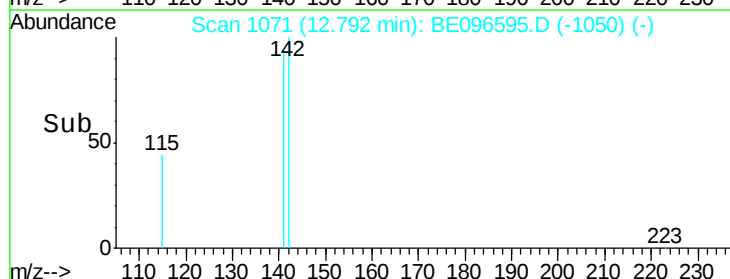
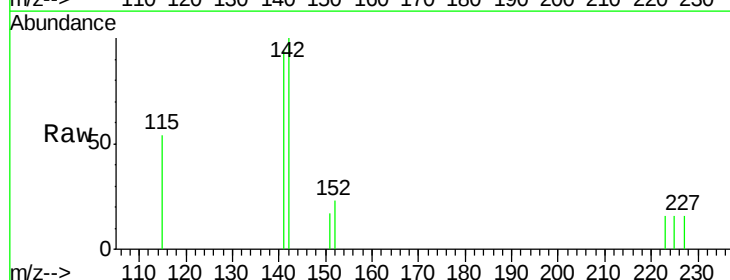
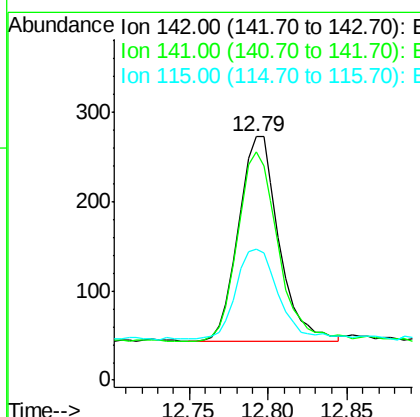
Manual Integrations
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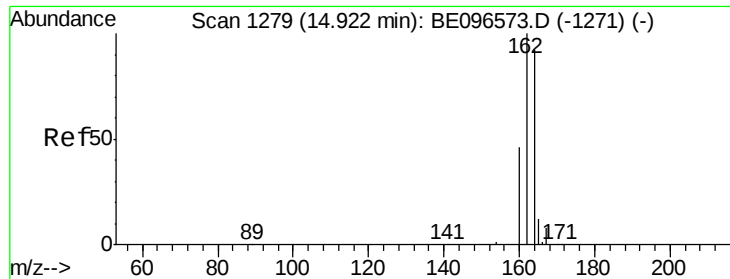
Sohil
5/17/2018 5:05:55 PM



#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.4	105.6
115	53.8	31.7	47.5





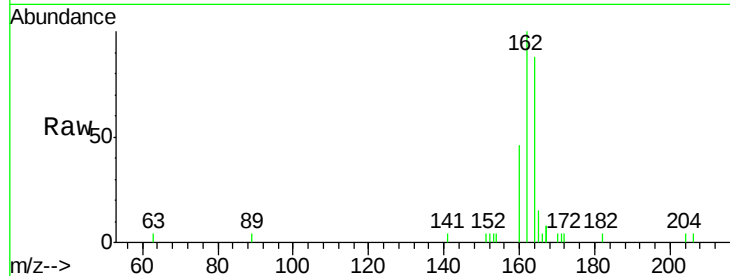
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	113.1	83.1	124.7	
160	51.9	37.1	55.7	

Manual Integrations
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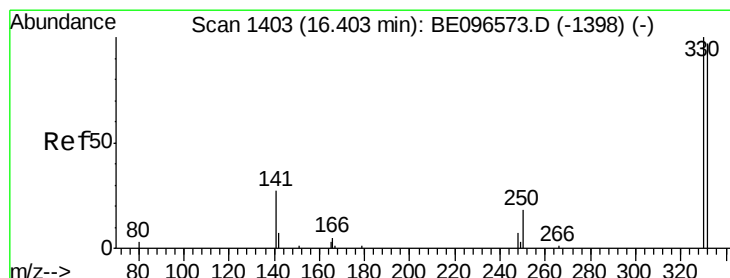
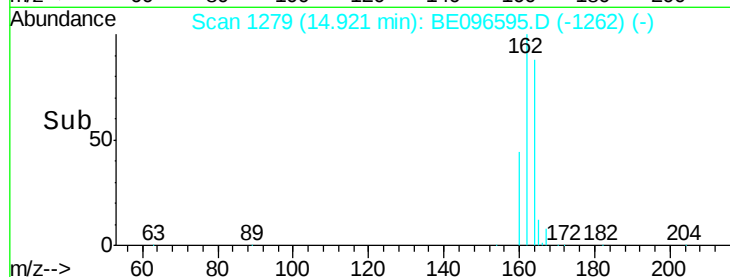
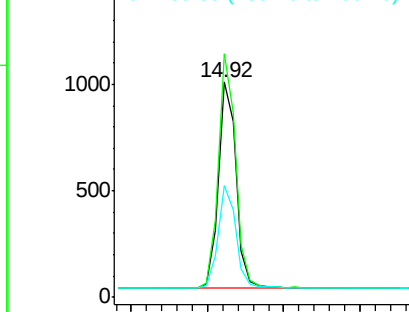


Abundance

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: 0.252 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

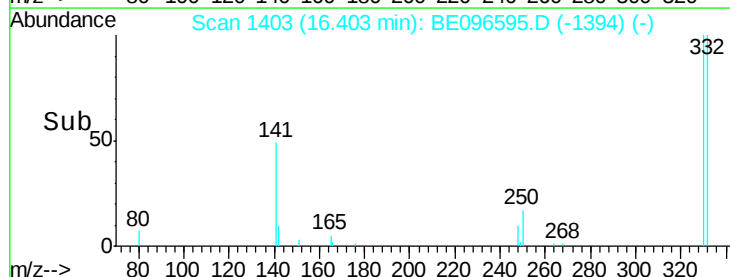
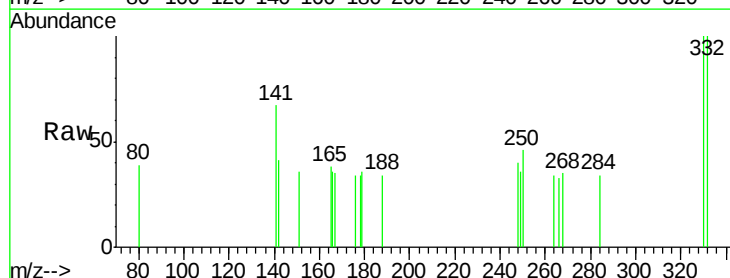
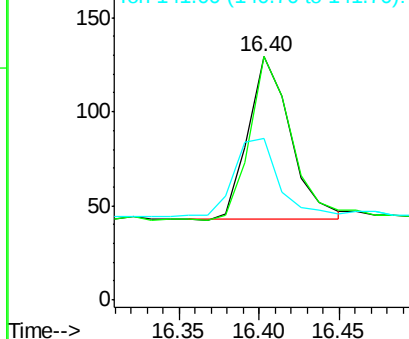
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	152.7	229.1#	
141	52.5	33.7	50.5#	

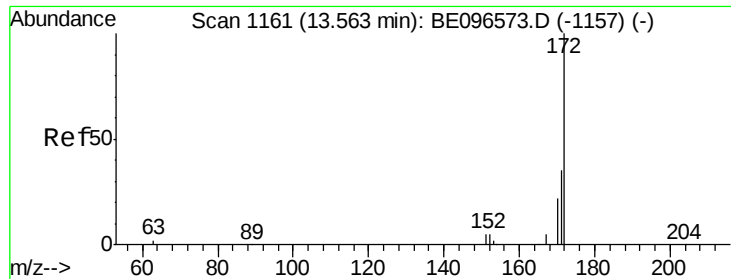
Abundance

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





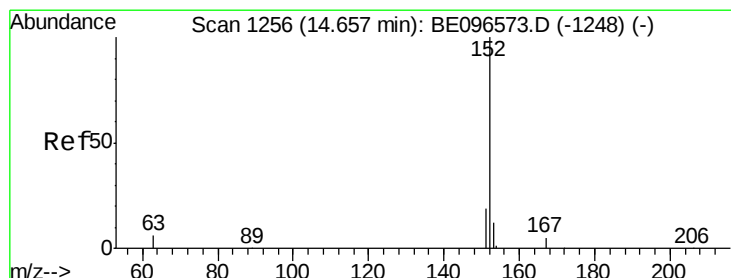
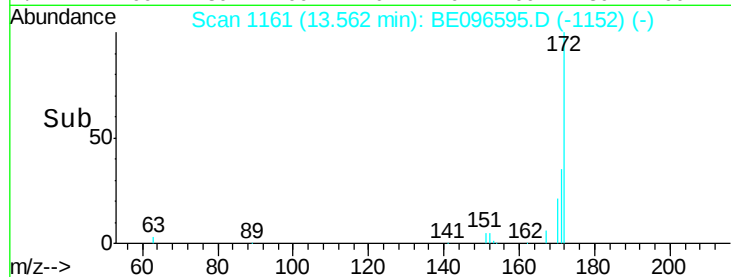
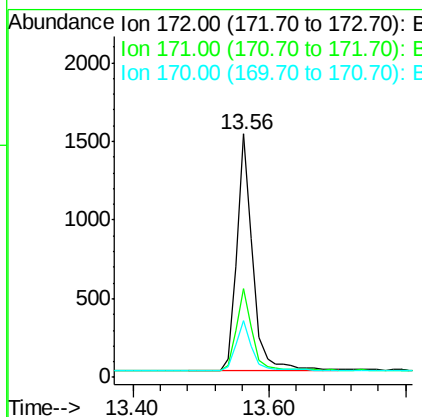
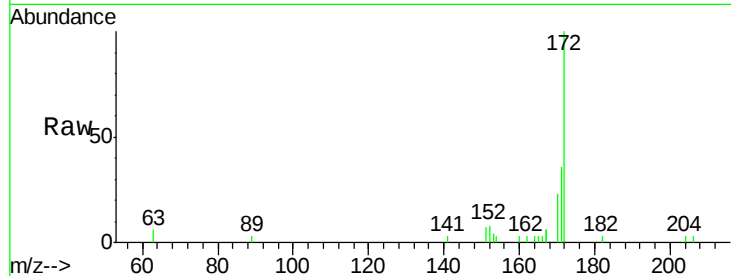
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.3	21.8	32.8

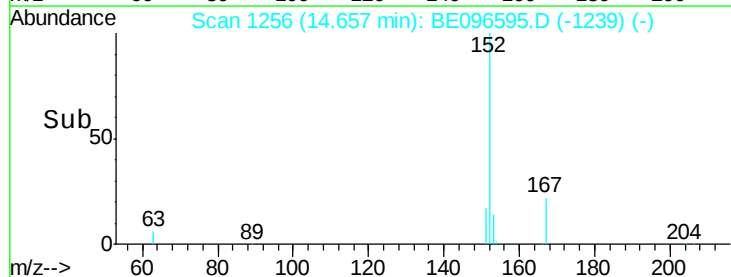
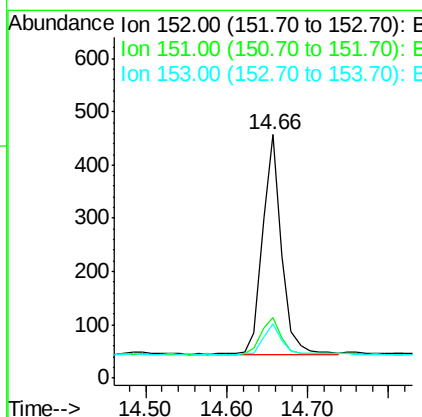
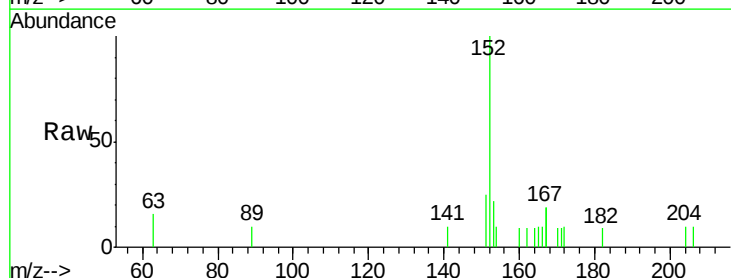
Manual Integrations
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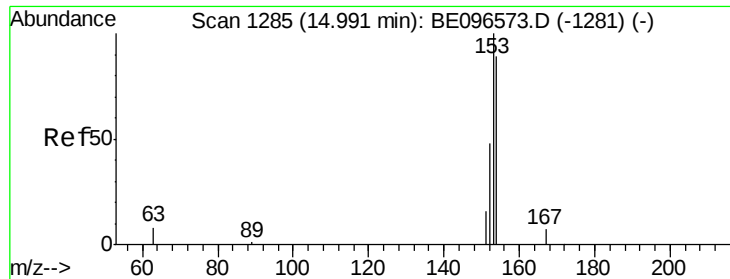
Sohil
5/17/2018 5:05:55 PM



#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.3	15.7	23.5
153	13.4	10.5	15.7





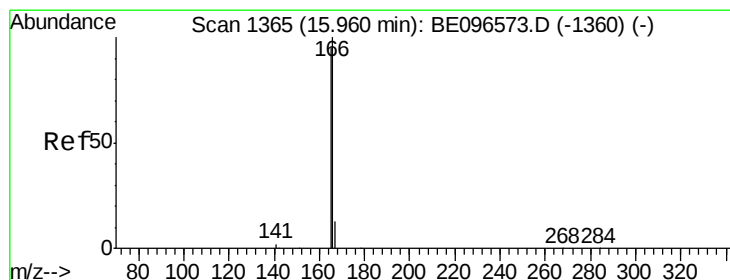
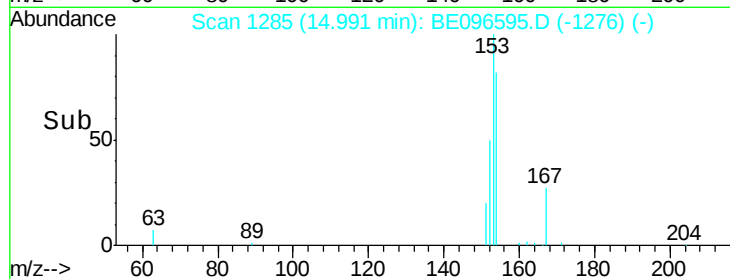
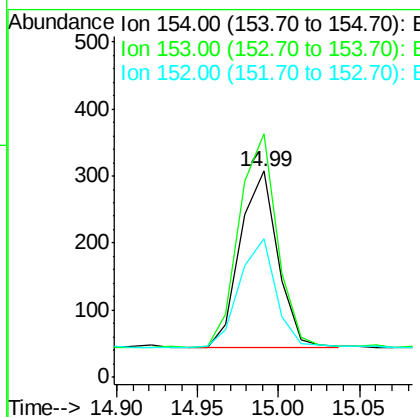
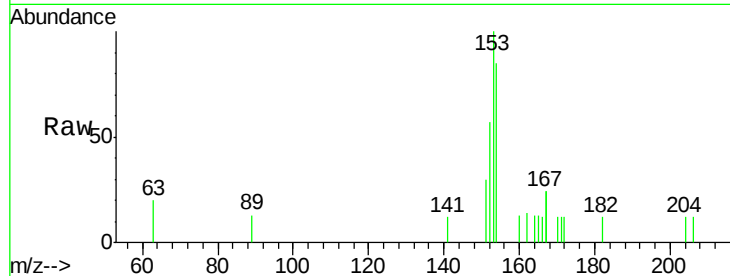
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.8	89.2	133.8
152	61.7	42.0	63.0

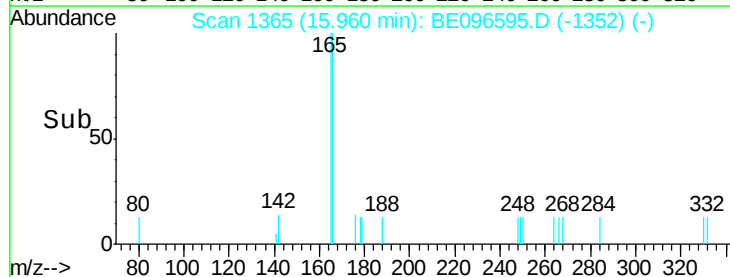
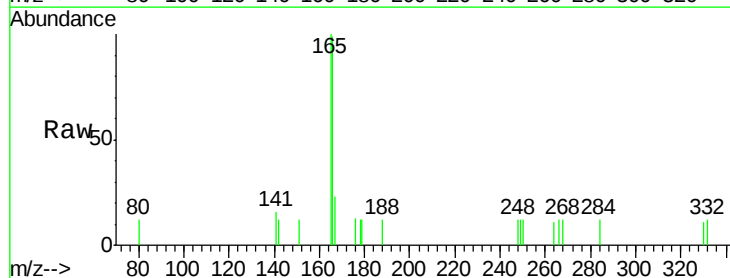
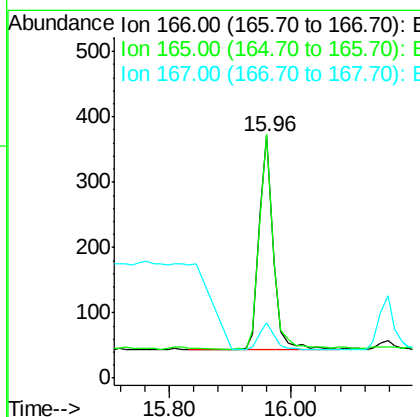
Manual Integrations
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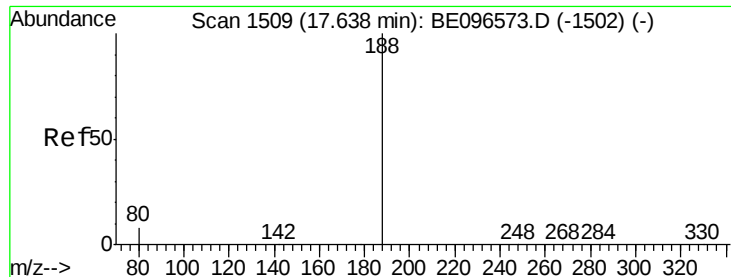
Sohil
5/17/2018 5:05:55 PM



#18
Fluorene
Concen: 0.105 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	80.4	77.8	116.6
167	11.5	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

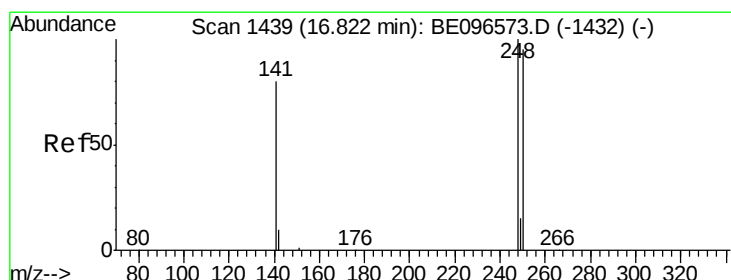
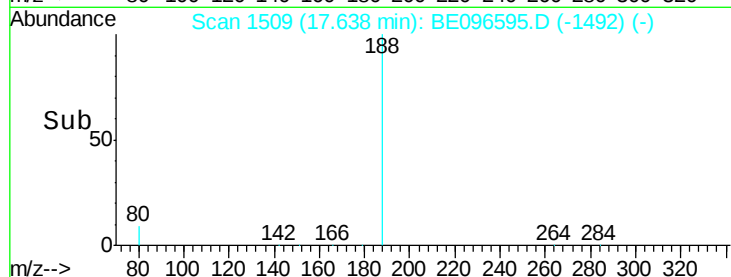
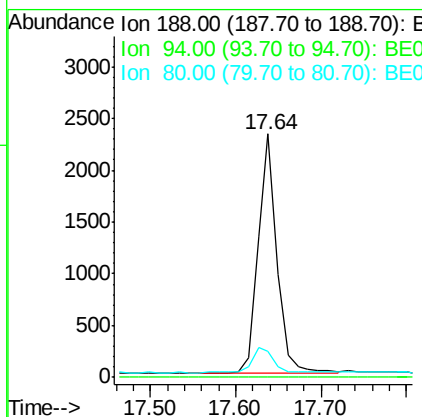
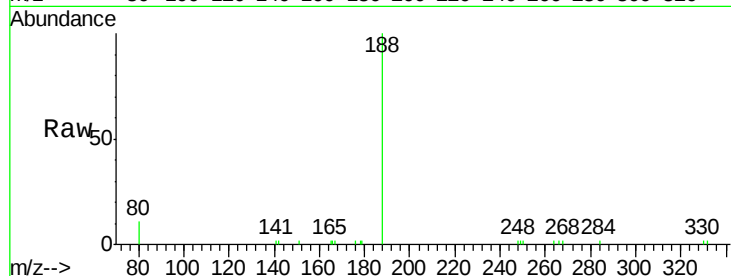
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tgt Ion:	188	Resp:	3544
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.7	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.079 ng

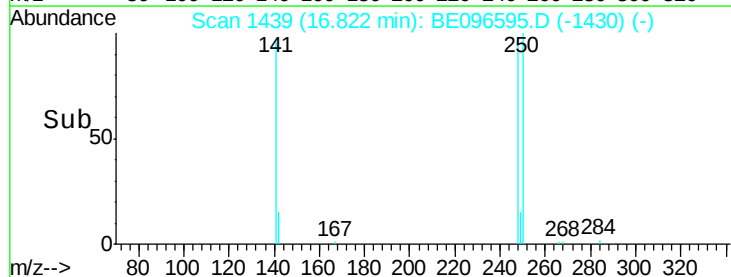
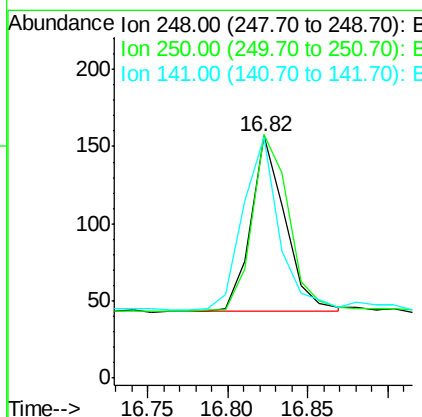
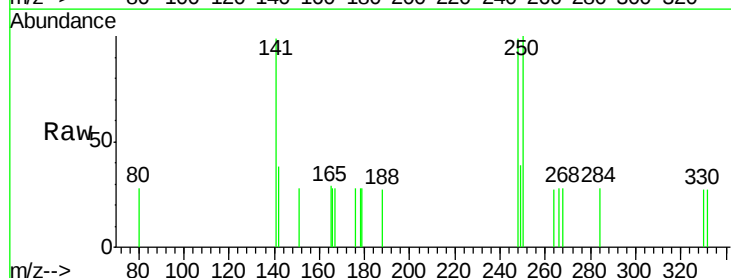
RT: 16.82 min Scan# 1439

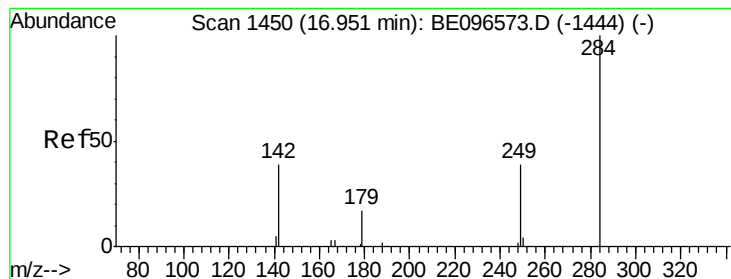
Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Tgt Ion:	248	Resp:	170
Ion Ratio	Lower	Upper	
248	100		
250	100.6	62.7	94.1#
141	99.4	48.2	72.2#





#21

Hexachlorobenzene

Concen: 0.088 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096595.D

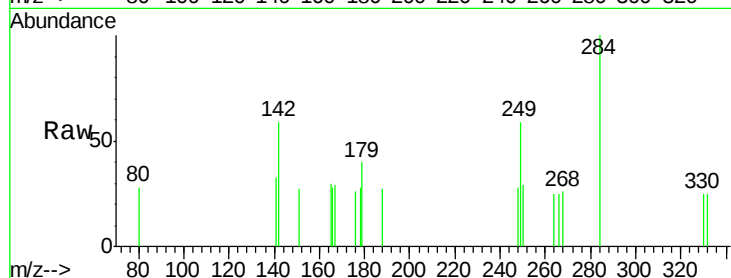
Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018



Tgt Ion: 284 Resp: 197

Ion Ratio Lower Upper

284 100

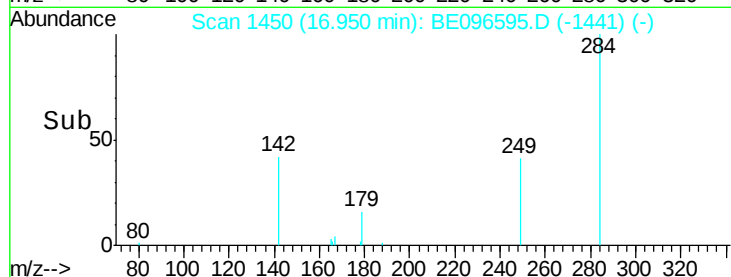
142 43.7 22.1 33.1#

249 40.6 34.8 52.2

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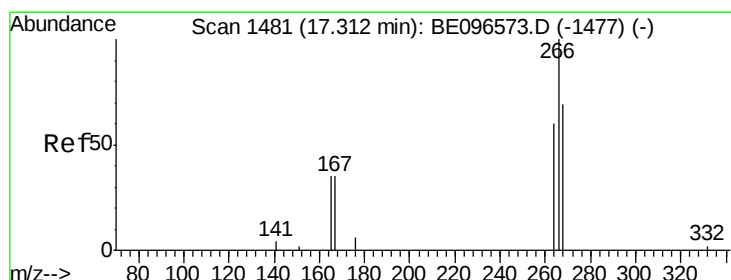
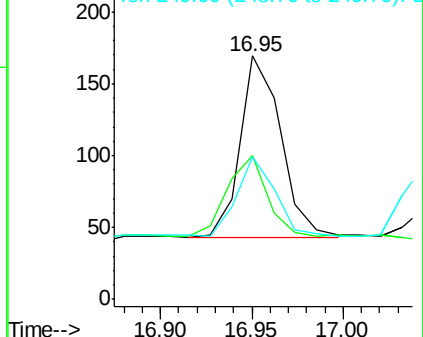
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.202 ng

RT: 17.34 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

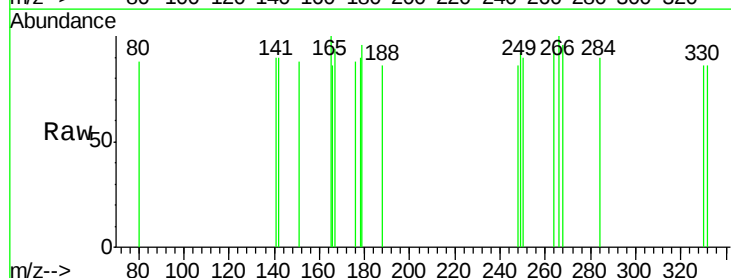
Tgt Ion: 266 Resp: 14

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

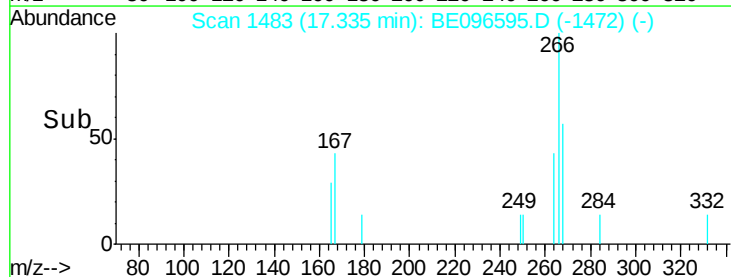
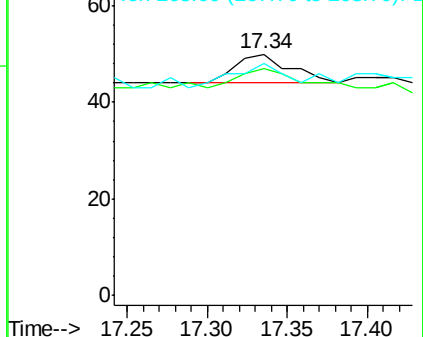
268 96.0 73.8 110.6

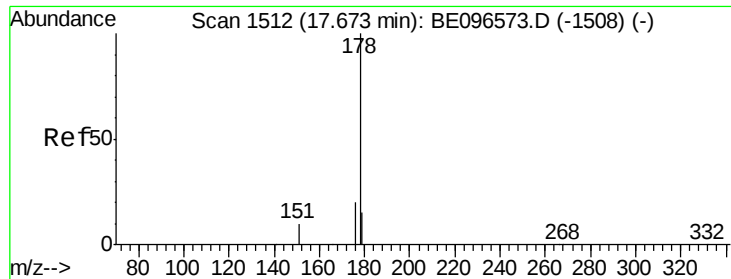


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





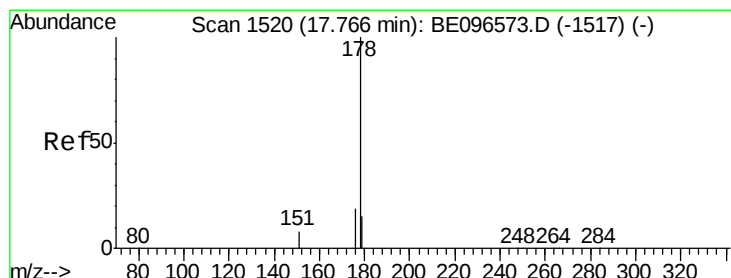
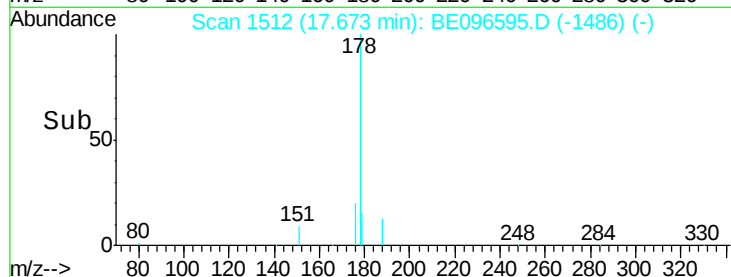
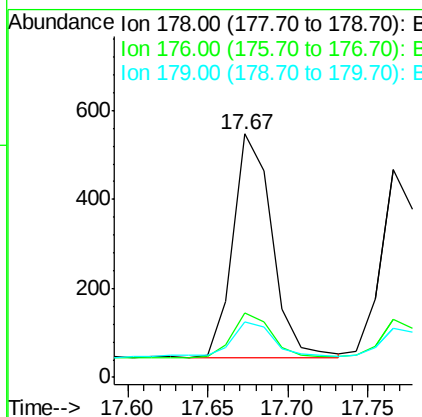
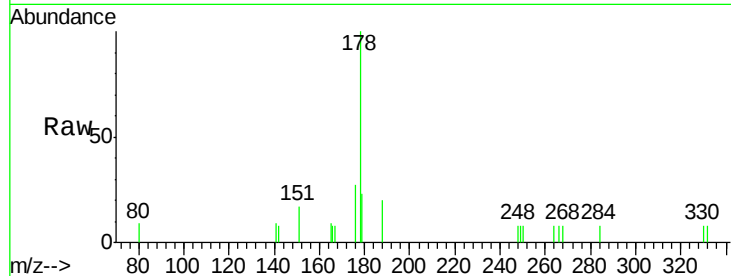
#23
Phenanthrene
Concen: 0.085 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	15.5	11.8	17.6

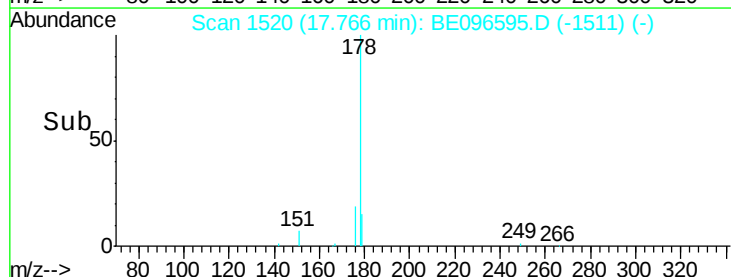
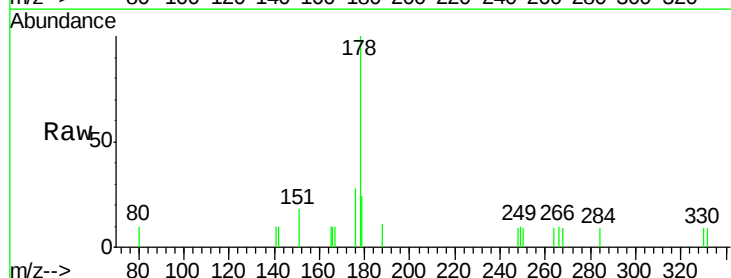
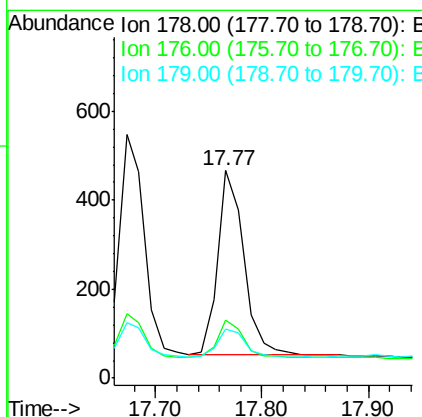
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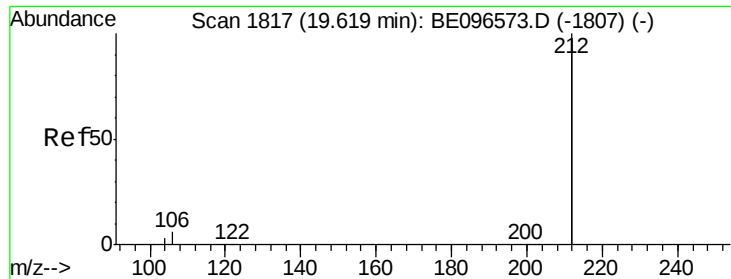
Sohil
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#24
Anthracene
Concen: 0.077 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	12.8	19.2#
179	16.9	13.0	19.6





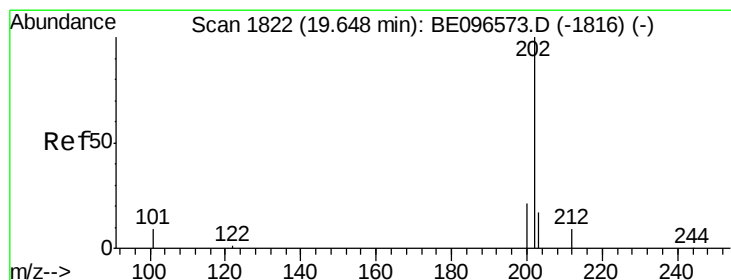
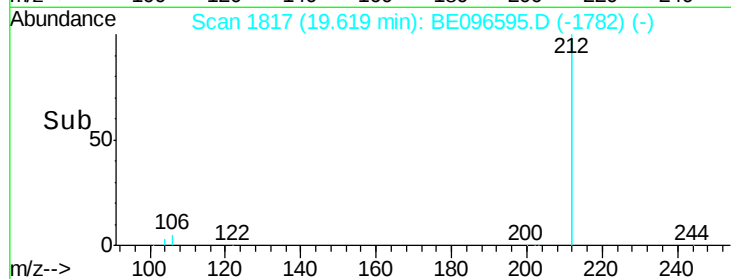
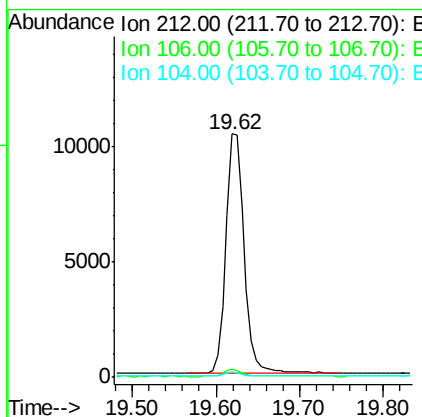
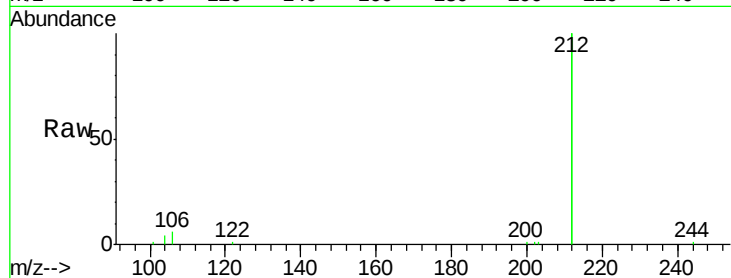
#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	15722		
106	2.7		2.8	4.2#
104	1.7		1.6	2.4

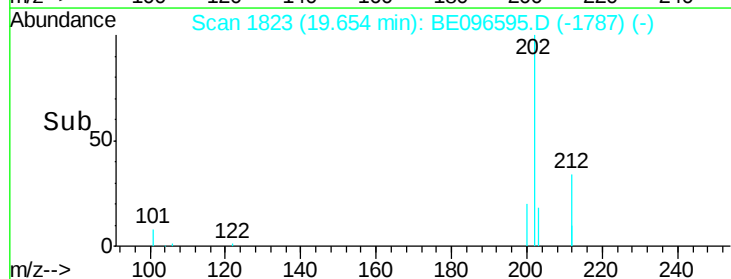
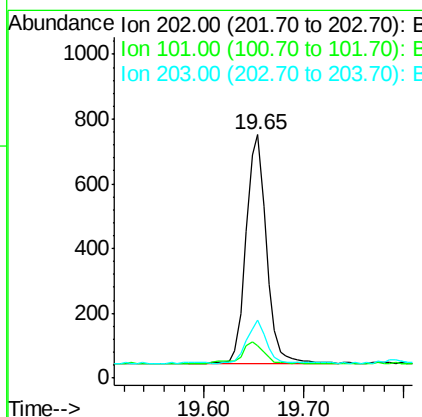
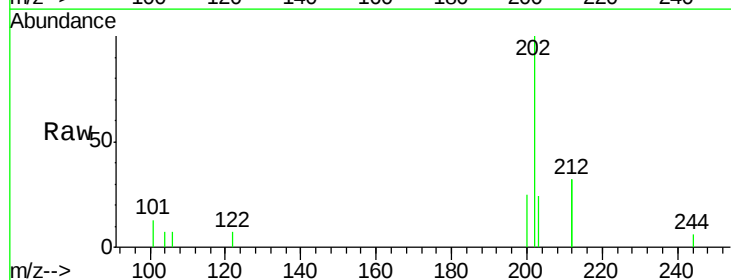
Manual Integrations
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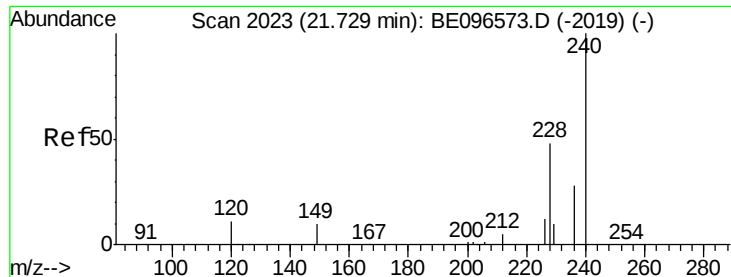
Sohil
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#26
 Fluoranthene
 Concen: 0.085 ng
 RT: 19.65 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1012		
101	10.9		9.8	14.8
203	17.7		13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096595.D

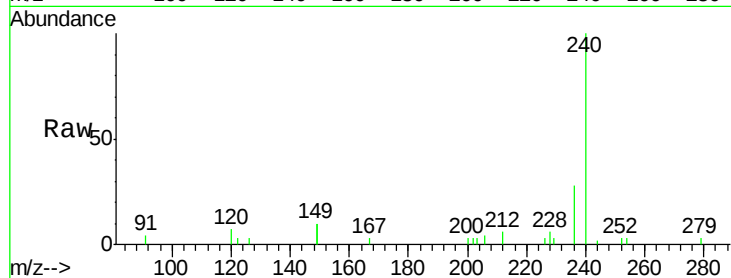
Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

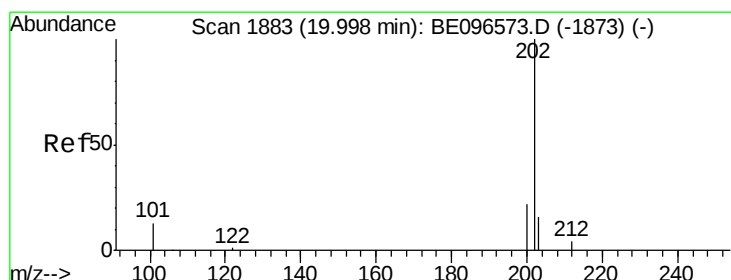
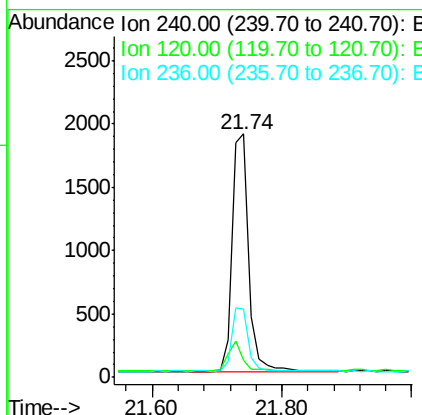
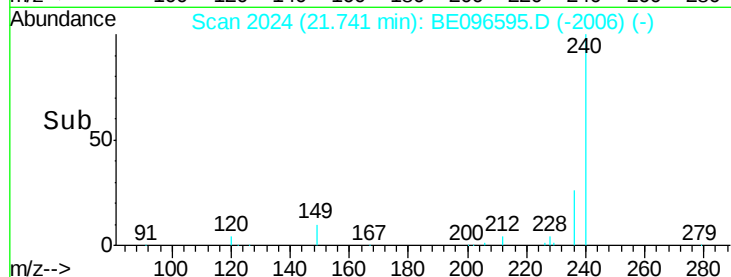
LOD-MDL-WATER-01-QT2-2018



Tgt Ion:	240	Resp:	3387
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.5	8.3
236	27.9	20.7	31.1

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#28

Pyrene

Concen: 0.063 ng

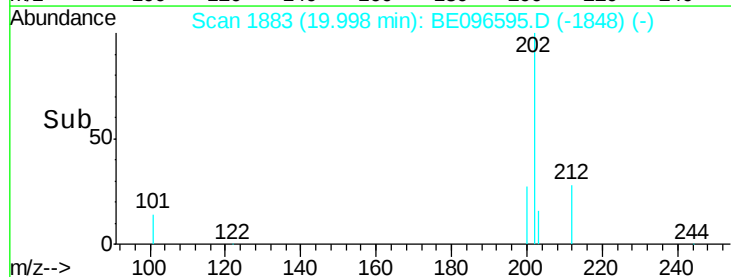
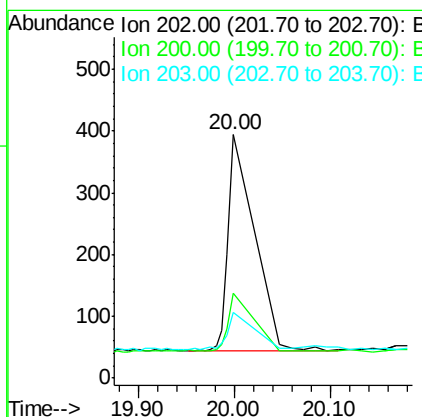
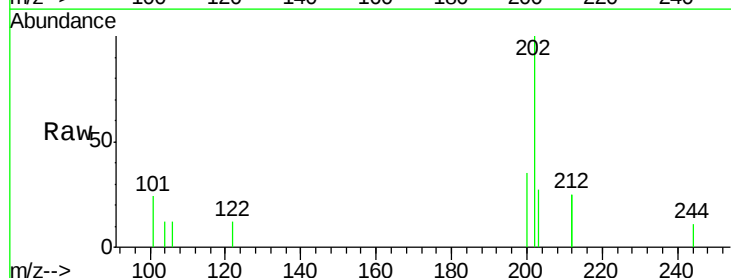
RT: 20.00 min Scan# 1883

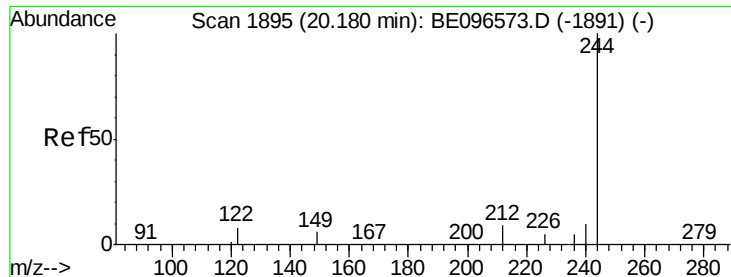
Delta R.T. -0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Tgt Ion:	202	Resp:	388
Ion Ratio	Lower	Upper	
202	100		
200	28.6	16.6	25.0#
203	18.6	13.8	20.8





#29

Terphenyl-d14

Concen: 0.319 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Instrument :

BNA_E

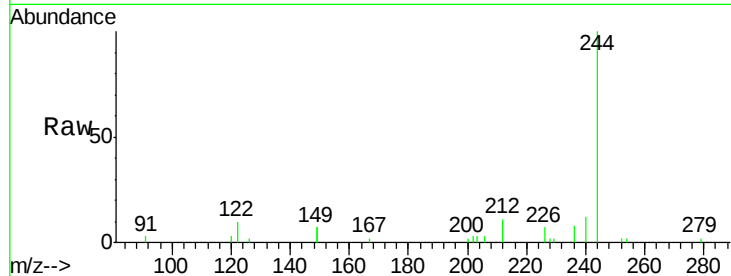
ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

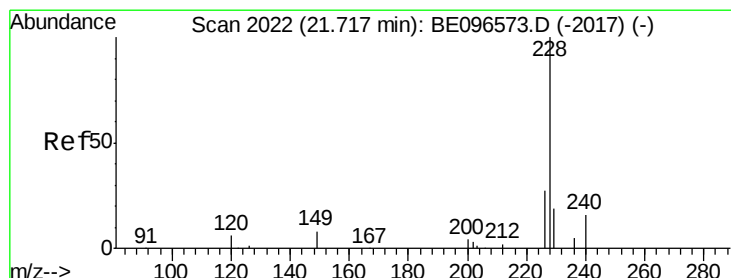
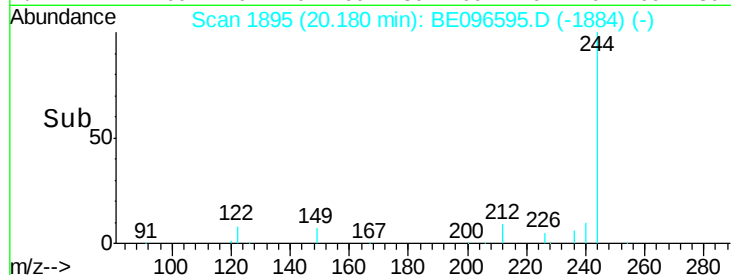
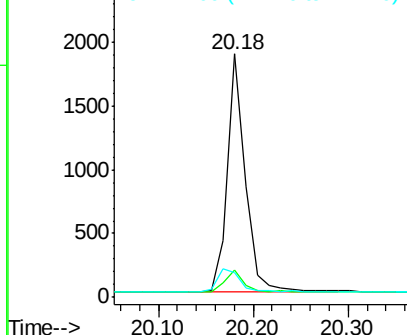
Tgt Ion:	244	Resp:	2444
Ion Ratio	Lower	Upper	
244	100		
212	11.4	25.4	38.0#
122	10.3	8.1	12.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.082 ng

RT: 21.72 min Scan# 222

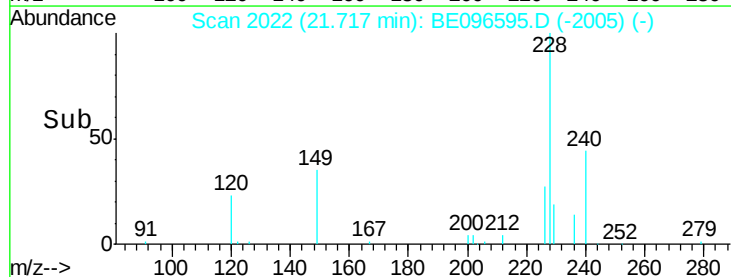
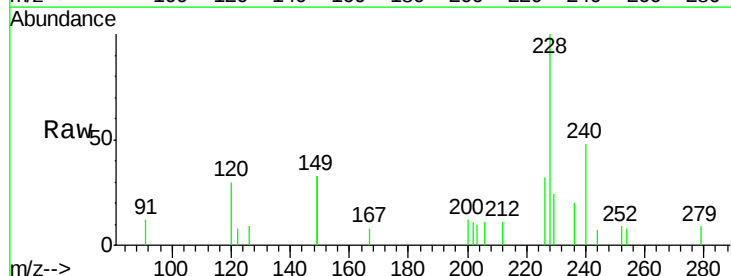
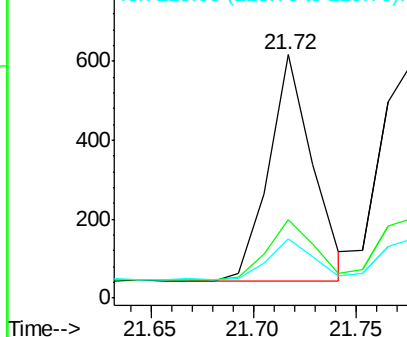
Delta R.T. 0.00 min

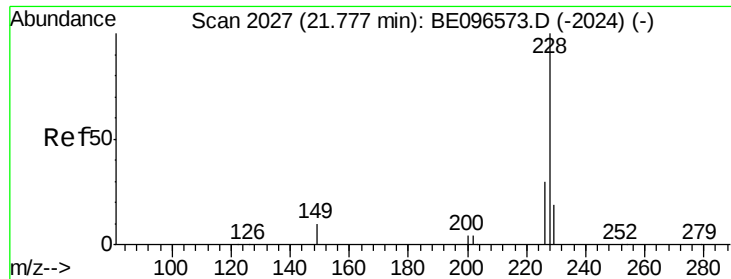
Lab File: BE096595.D

Acq: 16 May 2018 16:07

Tgt Ion:	228	Resp:	856
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	24.5	16.0	24.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.089 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096595.D

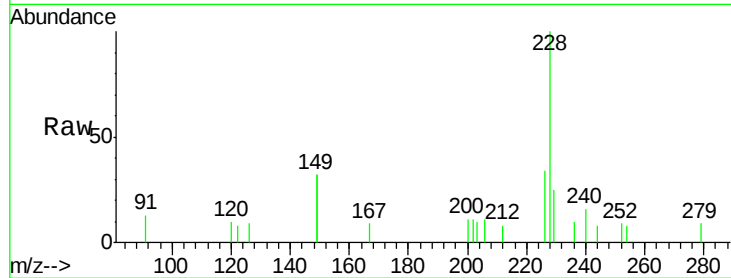
Acq: 16 May 2018 16:07

Instrument :

BNA_E

ClientSampleId :

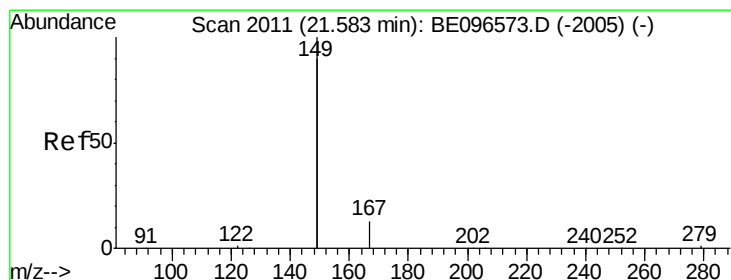
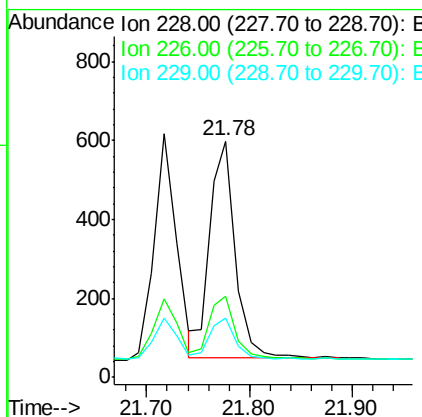
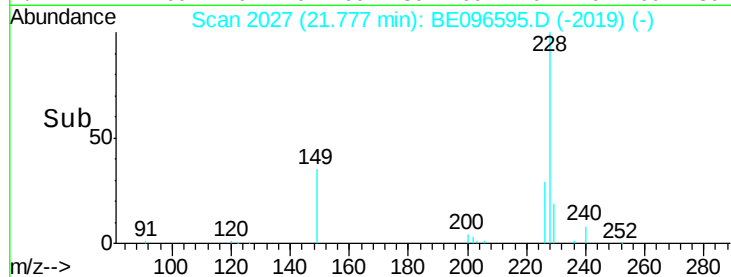
LOD-MDL-WATER-01-QT2-2018



Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.0	36.0
229	25.0	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

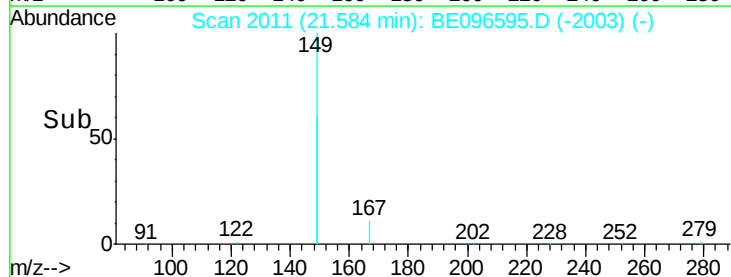
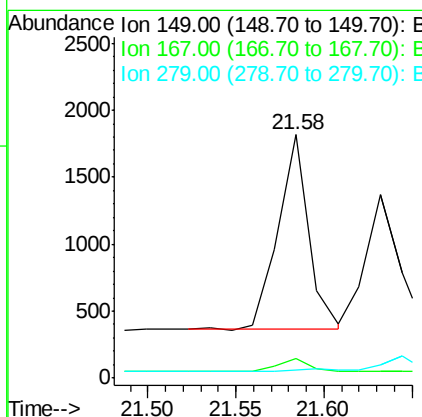
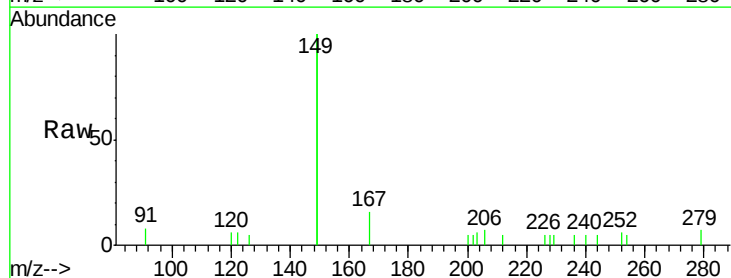
RT: 21.58 min Scan# 2011

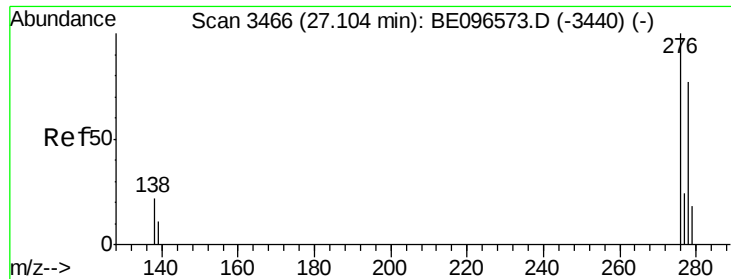
Delta R.T. 0.00 min

Lab File: BE096595.D

Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	0.0	0.7	1.1





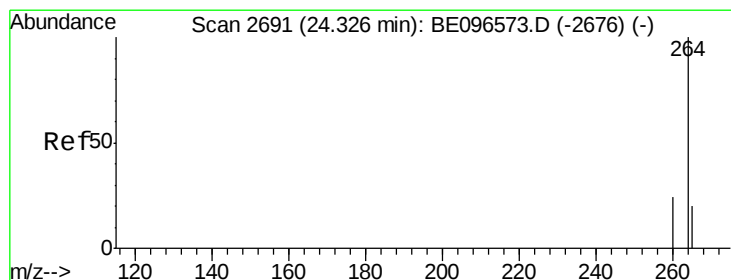
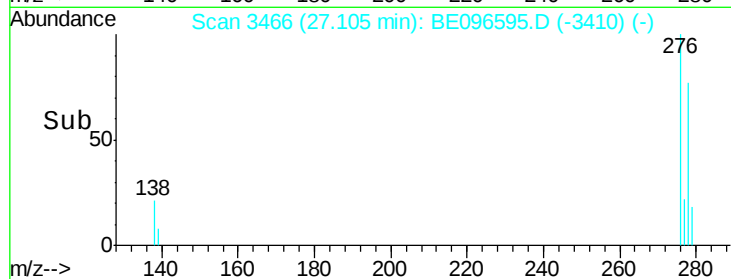
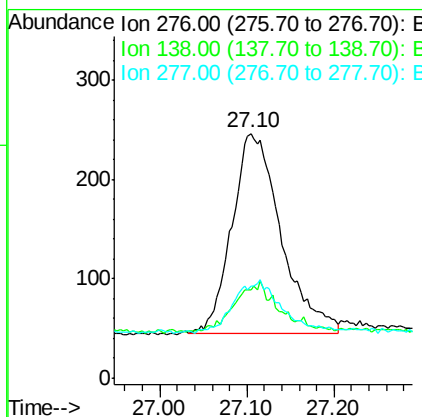
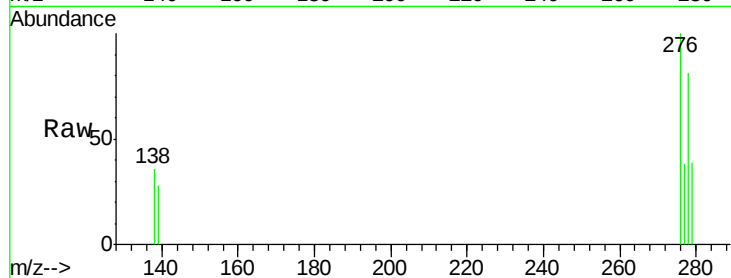
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 27.10 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	25.5	19.9	29.9

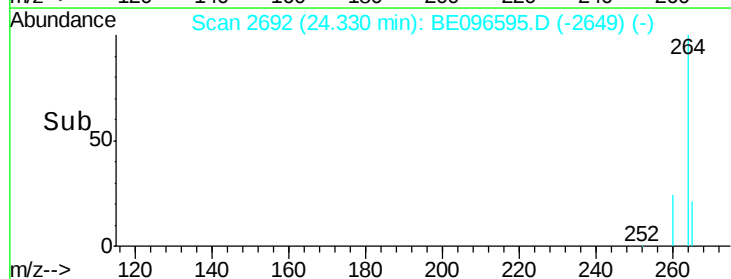
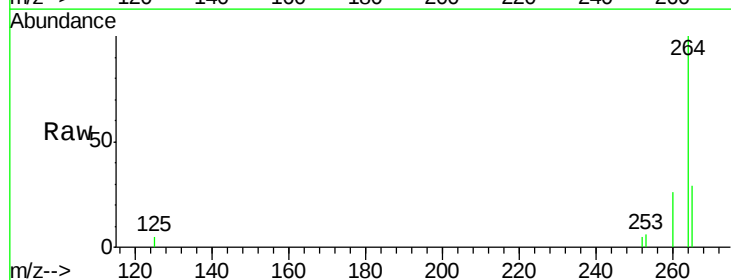
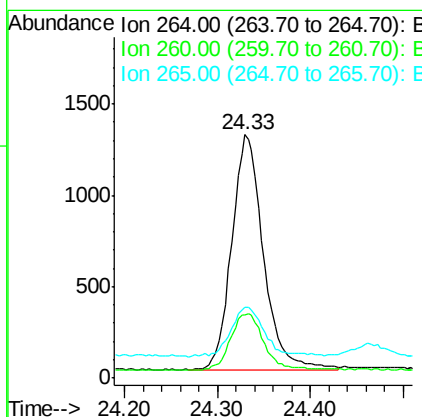
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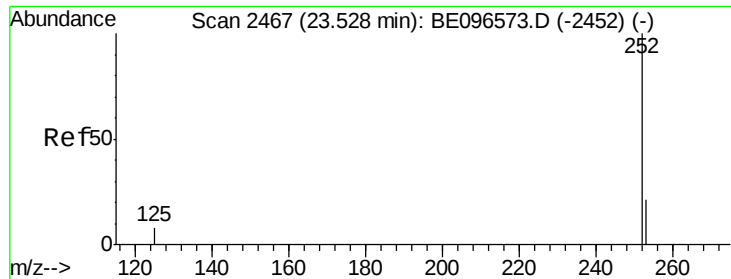
Sohil
 5/17/2018 5:05:55 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.33 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.3	22.8	34.2





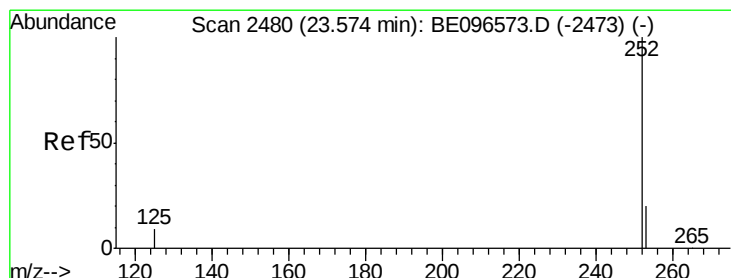
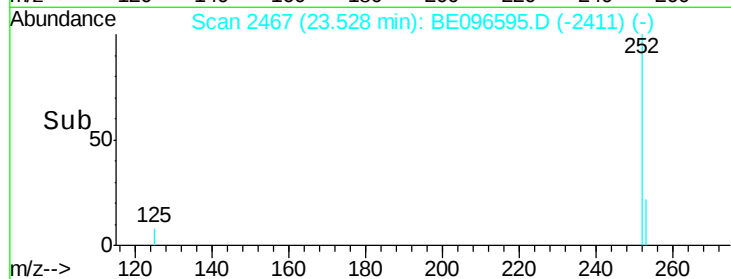
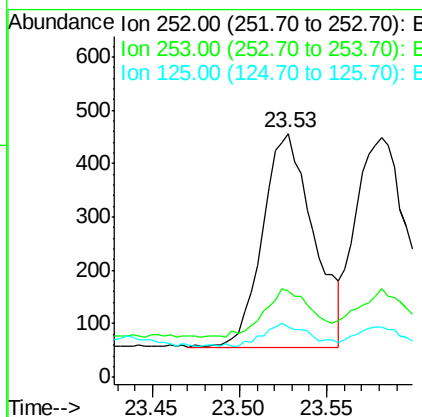
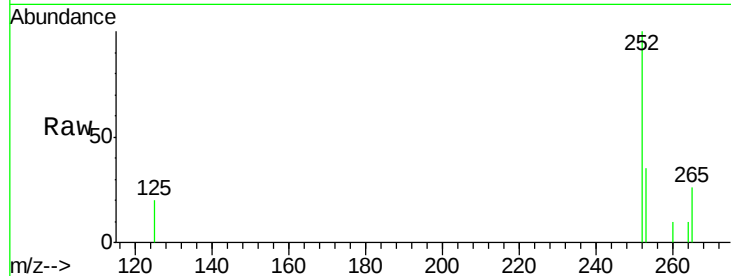
#35
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	20.0	30.0#
125	20.4	16.0	24.0

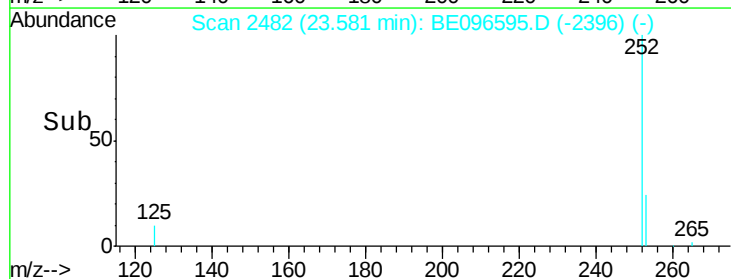
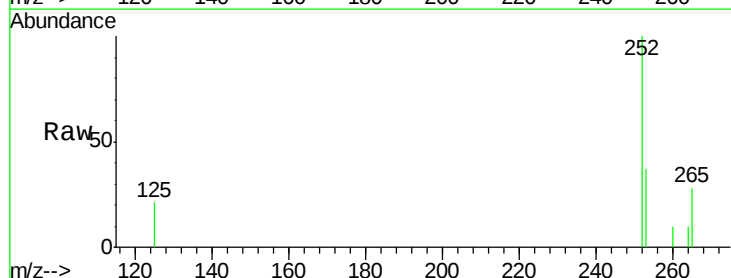
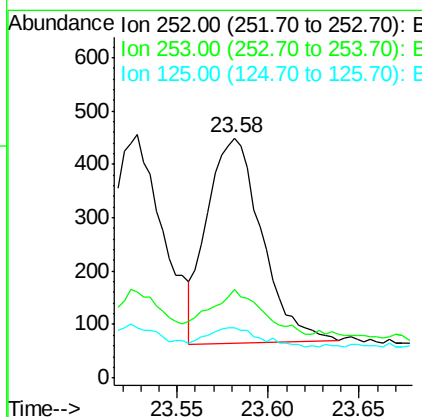
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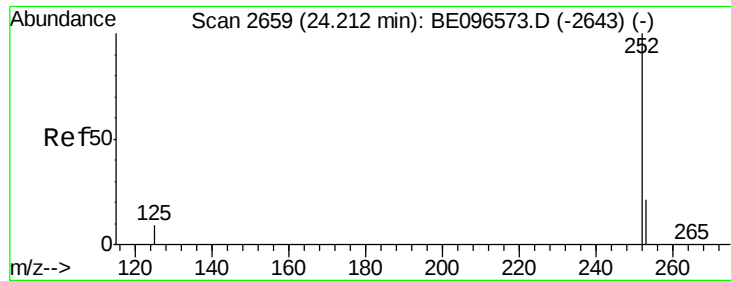
Sohil
5/17/2018 5:05:55 PM



#36
Benzo(k)fluoranthene
Concen: 0.080 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.7	16.0	24.0#
125	21.2	8.0	12.0#





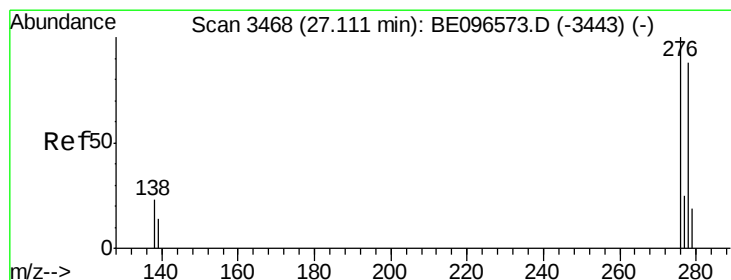
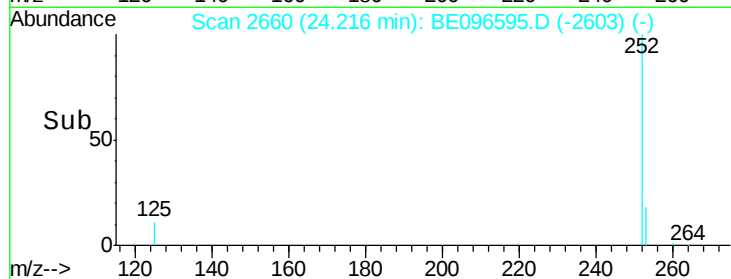
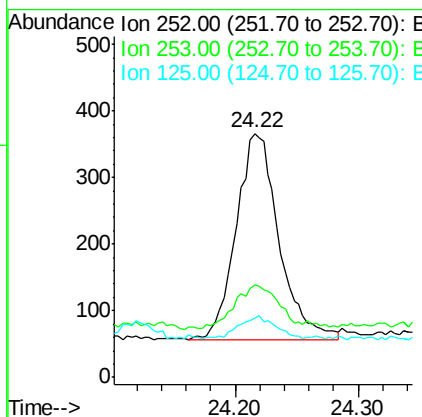
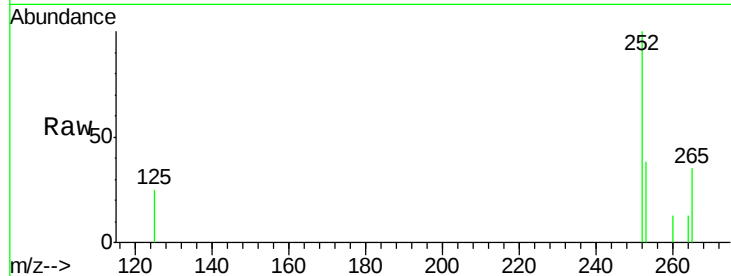
#37
Benzo(a)pyrene
Concen: 0.083 ng
RT: 24.22 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	16.0	24.0#
125	24.6	12.0	18.0#

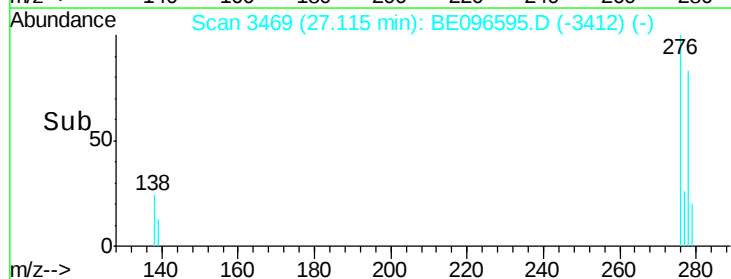
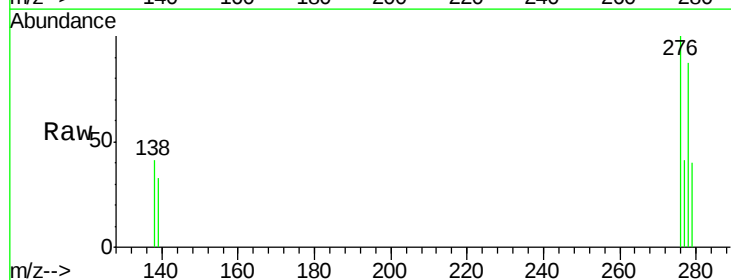
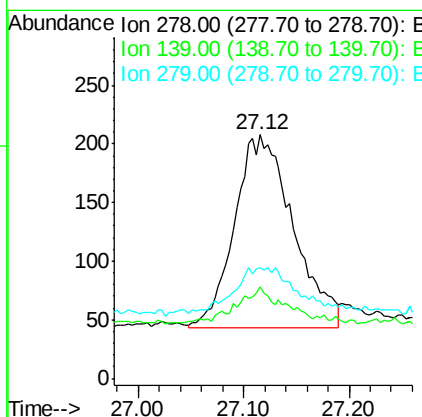
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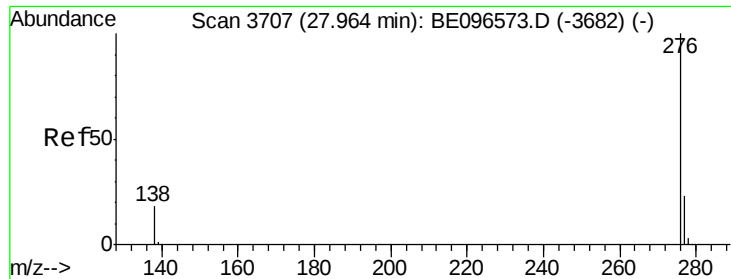
Sohil
5/17/2018 5:05:55 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.078 ng m
RT: 27.12 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BE096595.D
Acq: 16 May 2018 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.5	16.0	24.0#
279	45.7	20.0	30.0#





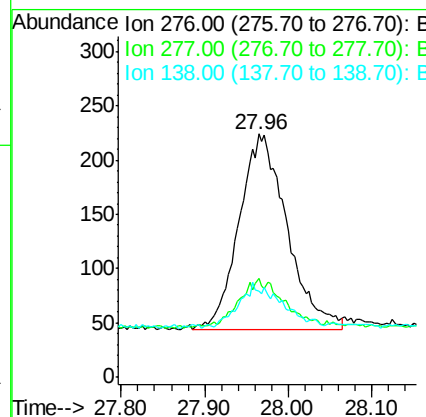
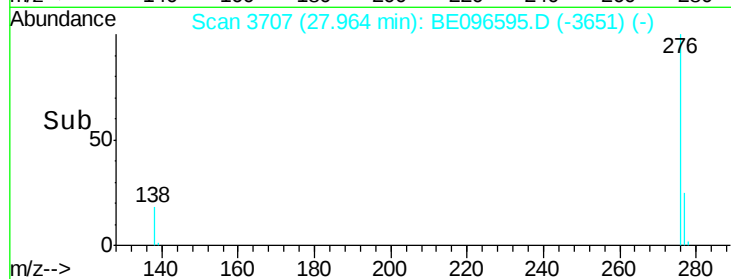
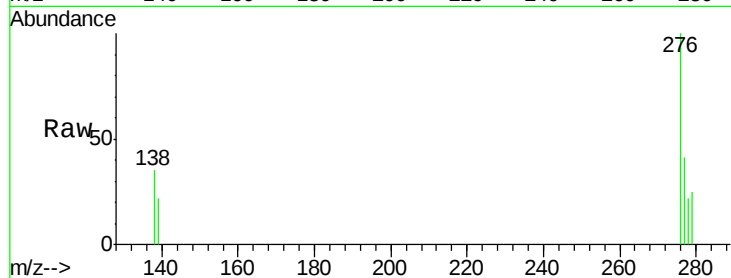
#39
 Benzo(g,h,i)perylene
 Concen: 0.083 ng
 RT: 27.96 min Scan# 3707
 Delta R.T. 0.00 min
 Lab File: BE096595.D
 Acq: 16 May 2018 16:07

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.6	16.0	24.0#
138	35.3	20.0	30.0#

Manual Integrations
 APPROVED

Sohil
 5/17/2018 5:05:55 PM



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
 Data File : BE096595.D
 Acq On : 16 May 2018 16:07
 Operator : SJ/JU
 Sample : J2133-07
 Misc : LOD 0.1
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/17/2018 5:05:55 PM

Quant Time: May 17 04:10:09 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	658	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2661	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1589	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3544	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3387	0.40	ng	0.01
34) Perylene-d12	24.33	264	3050	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.86	112	605	0.33	ng	0.00
5) Phenol-d6	7.51	99	793	0.31	ng	0.00
8) Nitrobenzene-d5	9.53	82	974	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1554	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	158	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2460	0.36	ng	0.00
25) Fluoranthene-d10	19.62	212	15722	0.36	ng	0.00
29) Terphenyl-d14	20.18	244	2444	0.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	95	0.096	ng	# 92
3) n-Nitrosodimethylamine	3.97	42	83	0.067	ng	# 66
6) bis(2-Chloroethyl)ether	7.75	93	216	0.090	ng	# 78
9) Naphthalene	11.23	128	2568	0.092	ng	# 93
10) Hexachlorobutadiene	11.49	225	147	0.094	ng	# 90
12) 2-Methylnaphthalene	12.79	142	412	0.086	ng	# 89
16) Acenaphthylene	14.66	152	681	0.082	ng	# 97
17) Acenaphthene	14.99	154	426	0.084	ng	# 89
18) Fluorene	15.96	166	663	0.105	ng	# 68
20) 4-Bromophenyl-phenylether	16.82	248	170	0.079	ng	# 63
21) Hexachlorobenzene	16.95	284	197	0.088	ng	# 85
22) Pentachlorophenol	17.34	266	14	0.202	ng	# 96
23) Phenanthrene	17.67	178	844	0.085	ng	# 97
24) Anthracene	17.77	178	712	0.077	ng	# 95
26) Fluoranthene	19.65	202	1012	0.085	ng	# 98
28) Pyrene	20.00	202	388	0.063	ng	# 90
30) Benzo(a)anthracene	21.72	228	856	0.082	ng	# 94
31) Chrysene	21.78	228	960	0.089	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.58	149	1749	0.078	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.10	276	787	0.076	ng	# 92
35) Benzo(b)fluoranthene	23.53	252	811	0.086	ng	# 88
36) Benzo(k)fluoranthene	23.58	252	799	0.080	ng	# 66
37) Benzo(a)pyrene	24.22	252	746	0.083	ng	# 68
38) Dibenzo(a,h)anthracene	27.12	278	639m	0.078	ng	# 68
39) Benzo(g,h,i)perylene	27.96	276	718	0.083	ng	# 69

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