

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039400.D
 Acq On : 11 Apr 2023 19:15
 Operator : CG/JU
 Sample : 02257-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ELI-WATER-0407

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 01:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	257330	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1087038	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	654553	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1351589	20.000	ng	0.00
76) Chrysene-d12	21.474	240	1107565	20.000	ng	0.01
86) Perylene-d12	23.891	264	1212012	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	114391	6.697	ng	0.00
7) Phenol-d6	7.051	99	96613	4.373	ng	0.02
23) Nitrobenzene-d5	9.034	82	186889	8.356	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	103513	12.458	ng	0.02
45) 2-Fluorobiphenyl	13.139	172	505919	10.472	ng	0.00
79) Terphenyl-d14	19.909	244	692452	11.551	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	10.010	122	36296	2.725	ng	98
60) Diethylphthalate	15.345	149	156917	3.091	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	311750m	5.844	ng	

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

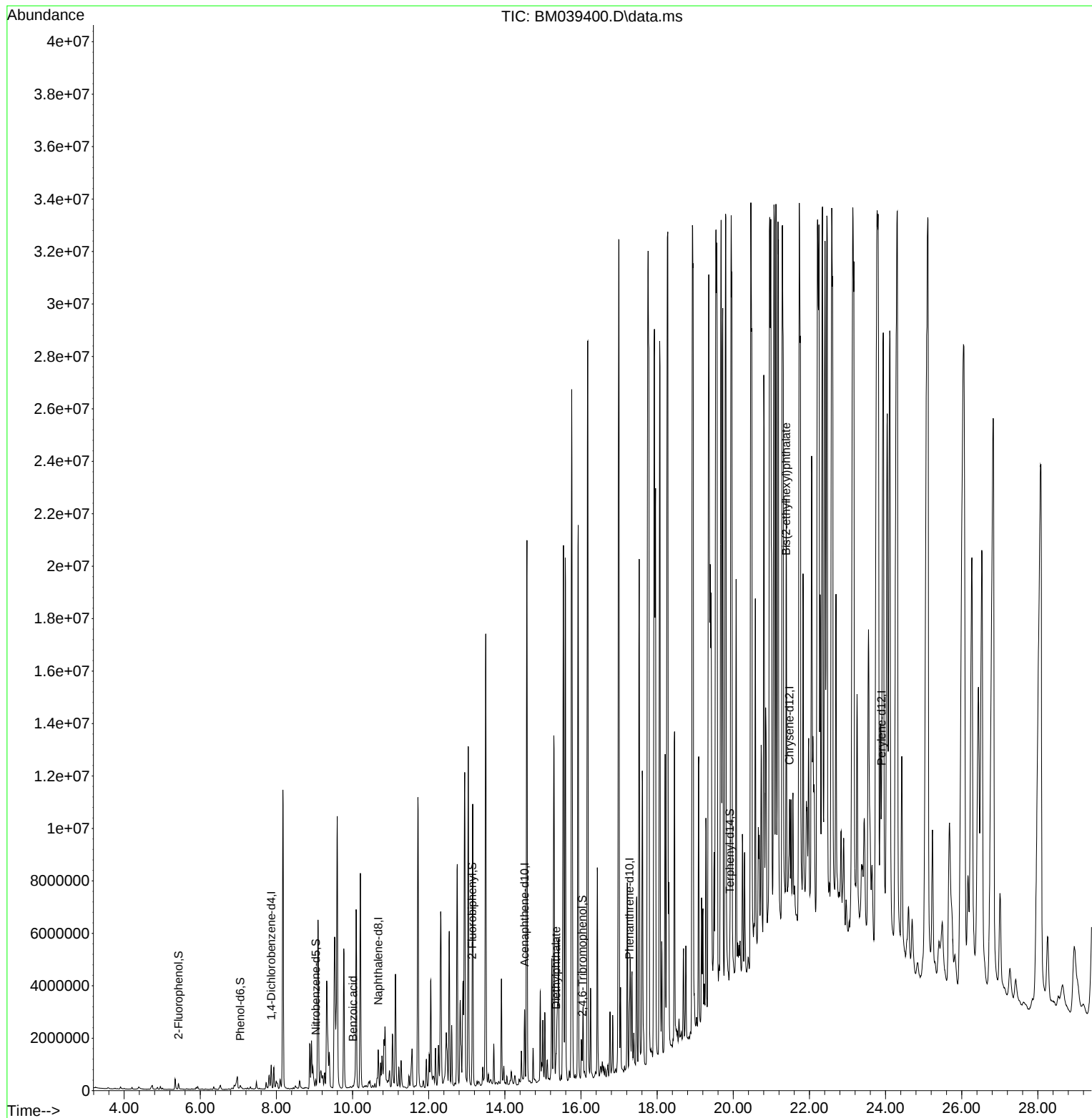
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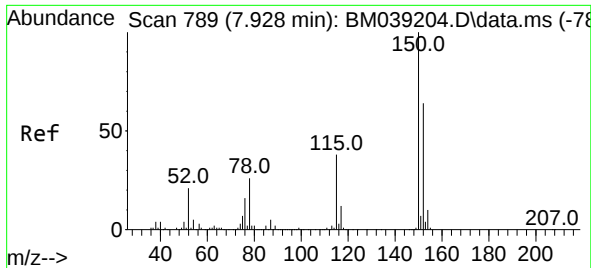
Instrument :
BNA_M
ClientSampleId :
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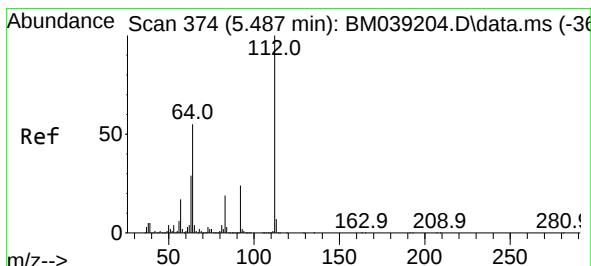
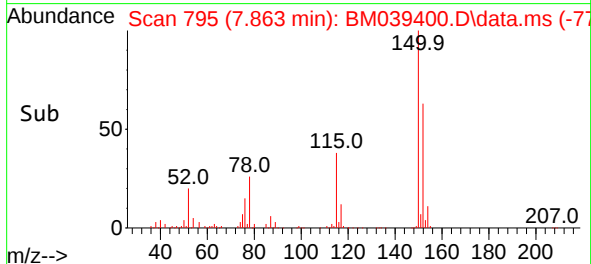
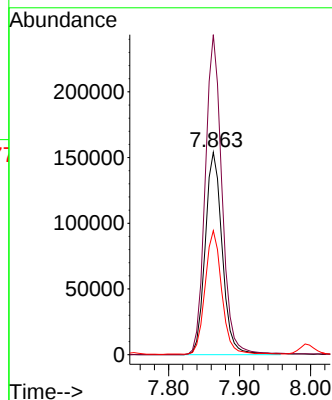
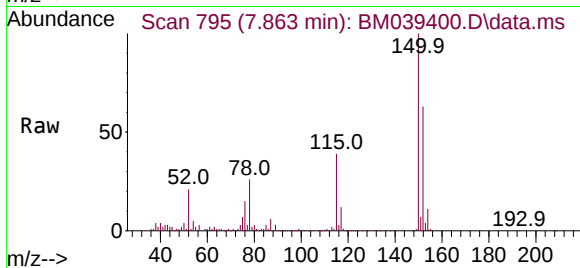
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

Tgt Ion:152 Resp: 257330
Ion Ratio Lower Upper
152 100
150 158.1 125.5 188.3
115 61.3 48.1 72.1

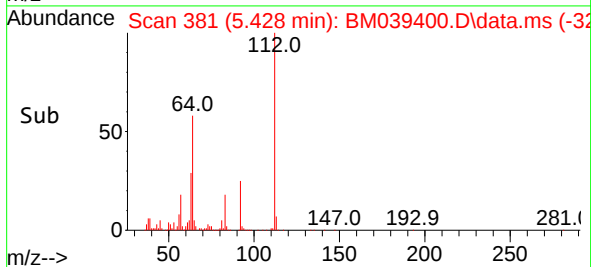
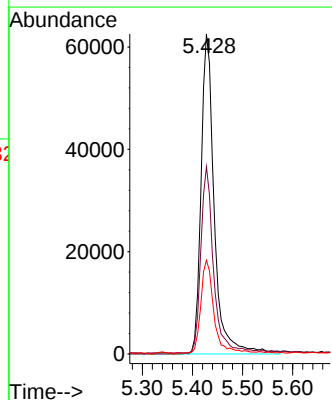
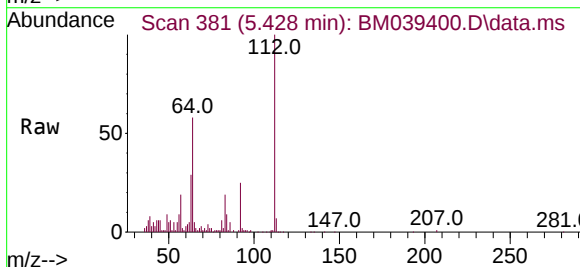
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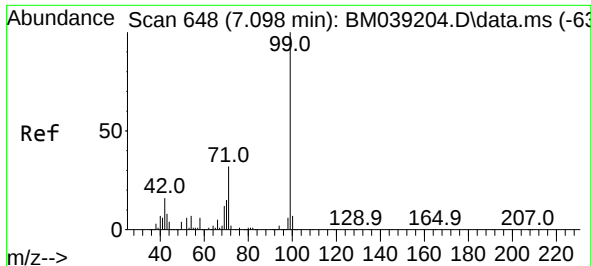
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#5
2-Fluorophenol
Concen: 6.697 ng
RT: 5.428 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:112 Resp: 114391
Ion Ratio Lower Upper
112 100
64 58.5 44.3 66.5
63 29.3 23.0 34.6





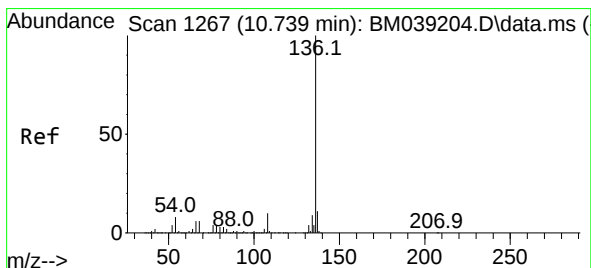
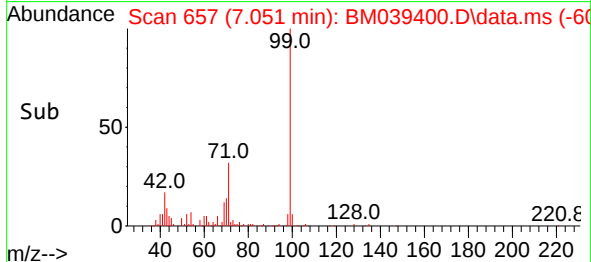
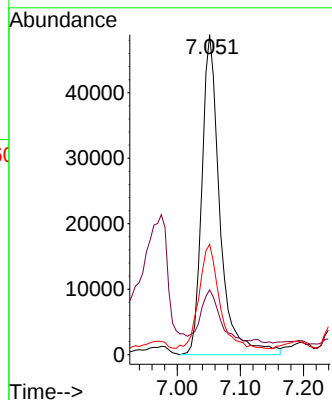
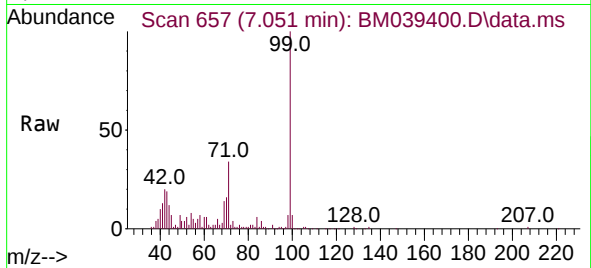
#7
Phenol-d6
Concen: 4.373 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

Tgt Ion: 99 Resp: 9661
Ion Ratio Lower Upper
99 100
42 20.3 13.0 19.6
71 34.5 25.5 38.3

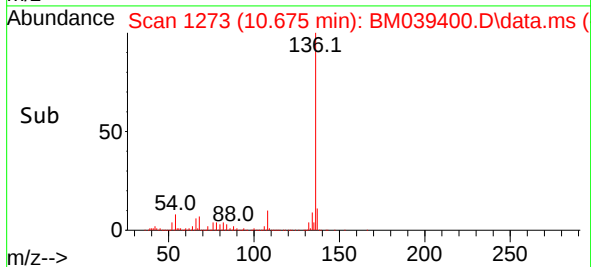
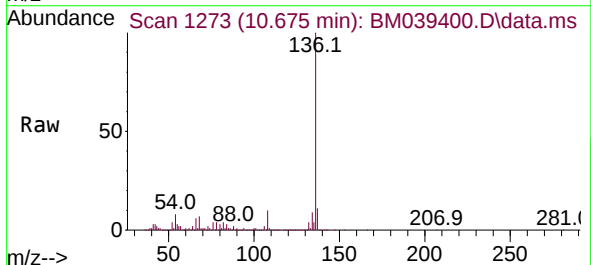
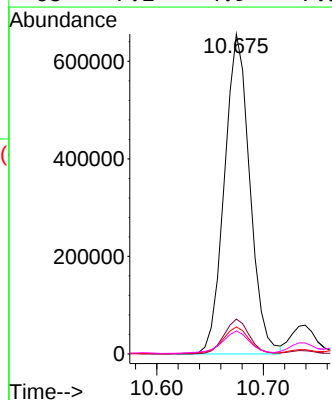
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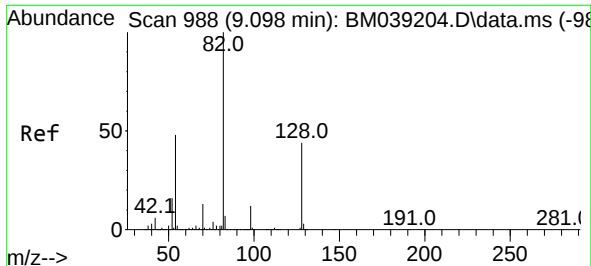
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:136 Resp: 1087038
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.2 9.4
68 7.2 4.9 7.3





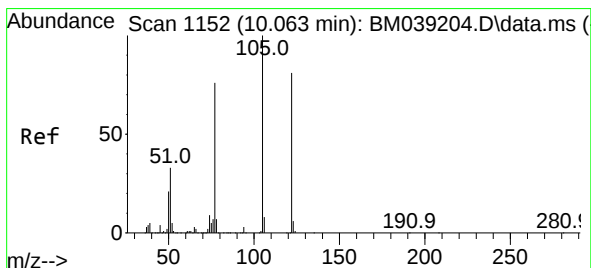
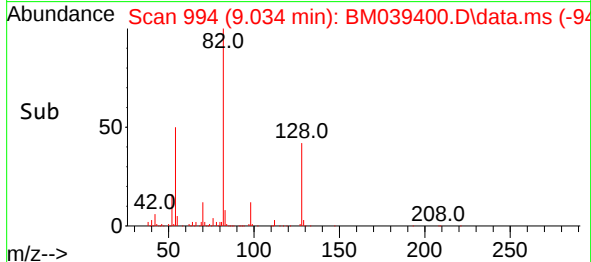
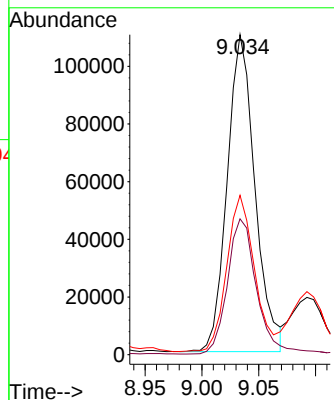
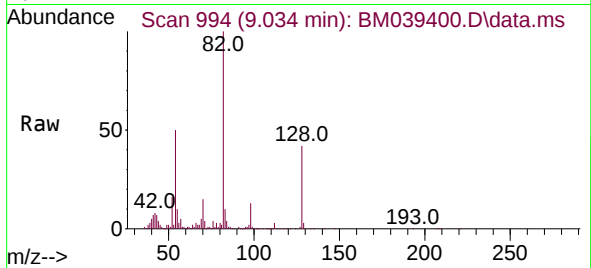
#23
Nitrobenzene-d5
Concen: 8.356 ng
RT: 9.034 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Instrument :
BNA_M
ClientSampleId :
ELI-WATER-0407

Tgt Ion: 82 Resp: 186889
Ion Ratio Lower Upper
82 100
128 42.4 35.1 52.7
54 49.8 38.5 57.7

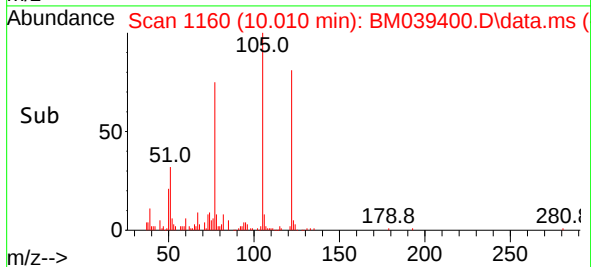
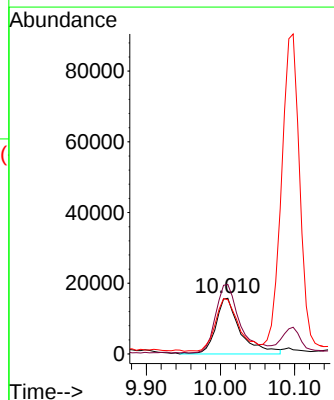
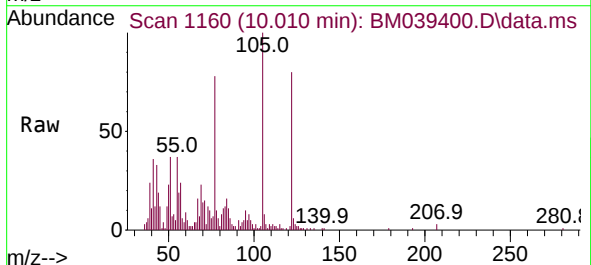
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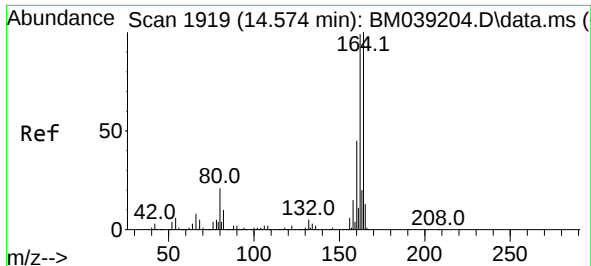
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#32
Benzoic acid
Concen: 2.725 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

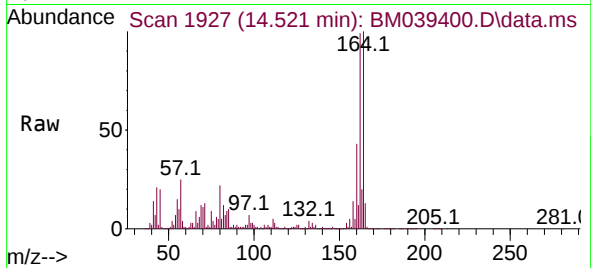
Tgt Ion:122 Resp: 36296
Ion Ratio Lower Upper
122 100
105 124.6 103.1 143.1
77 97.2 74.6 114.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

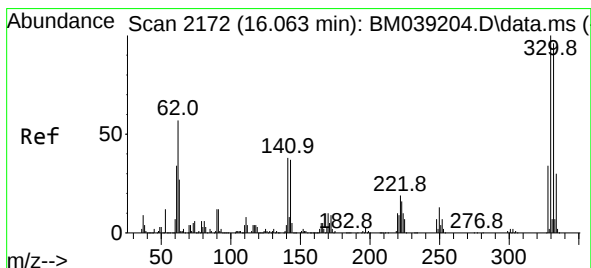
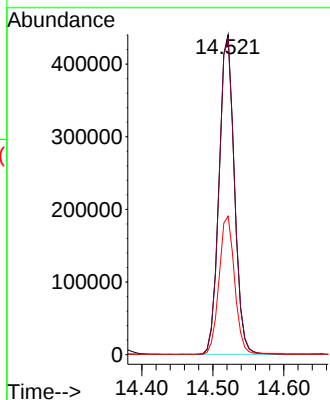
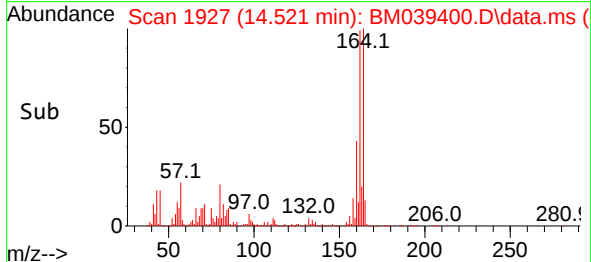
Instrument :
BNA_M
ClientSampleId :
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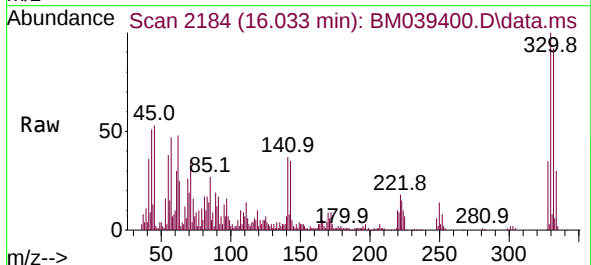
Tgt Ion:164 Resp: 65455
Ion Ratio Lower Upper
164 100
162 98.7 79.1 118.7
160 43.3 35.8 53.8

Manual Integrations
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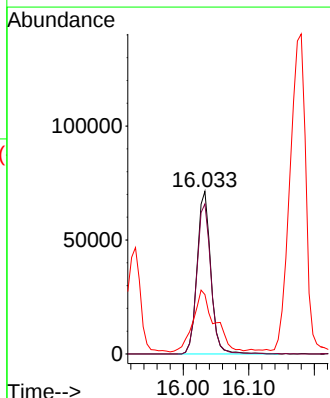
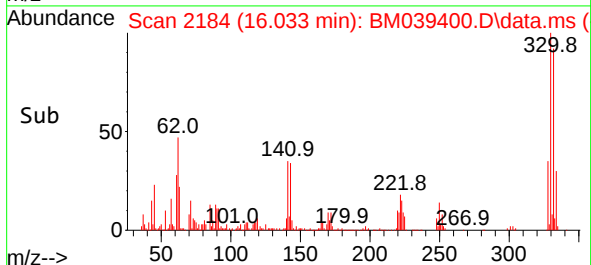
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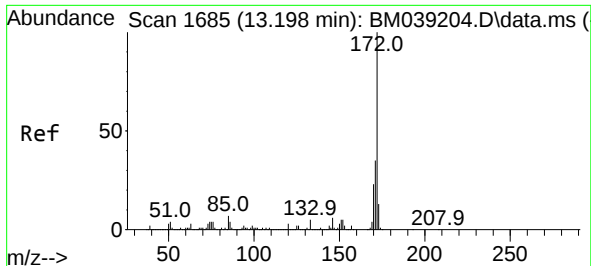


#42
2,4,6-Tribromophenol
Concen: 12.458 ng
RT: 16.033 min Scan# 2184
Delta R.T. 0.018 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15



Tgt Ion:330 Resp: 103513
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 59.5 29.8 44.6#





#45
2-Fluorobiphenyl
Concen: 10.472 ng
RT: 13.139 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Instrument :

BNA_M

ClientSampleId :

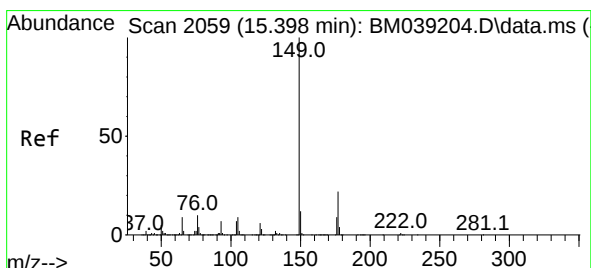
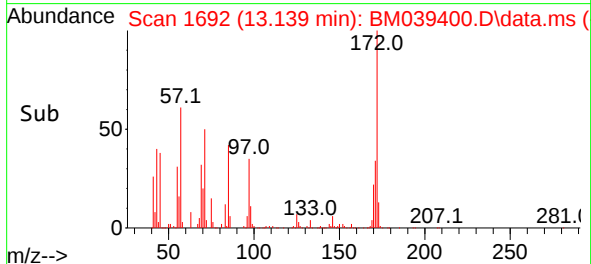
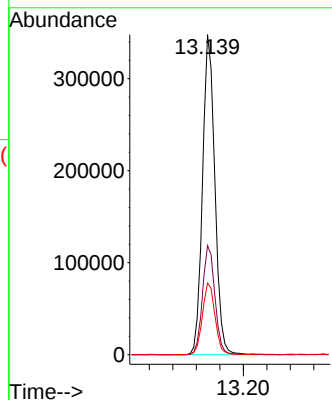
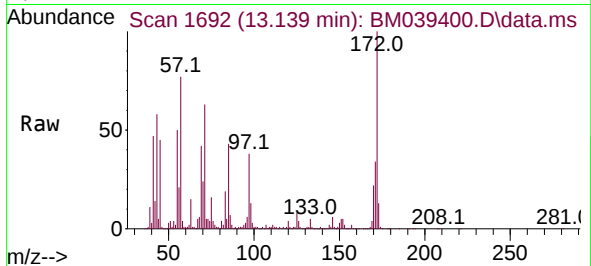
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Tgt Ion:172 Resp: 505919
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.4 18.7 28.1

Manual Integrations

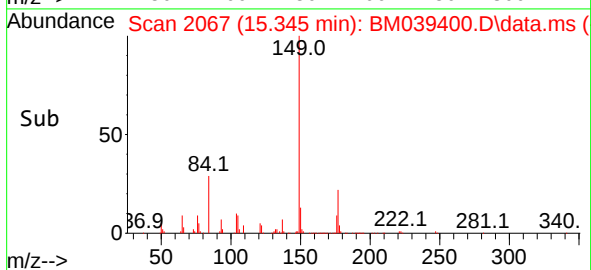
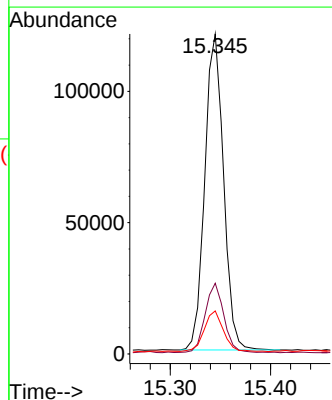
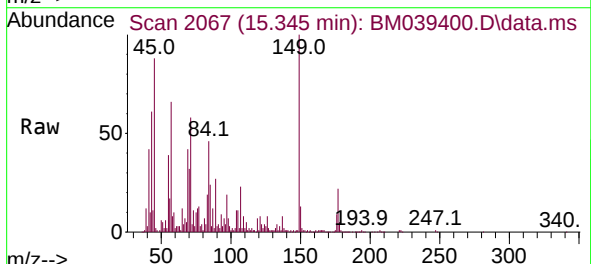
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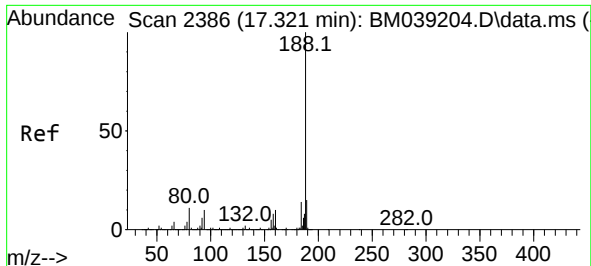
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#60
Diethylphthalate
Concen: 3.091 ng
RT: 15.345 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

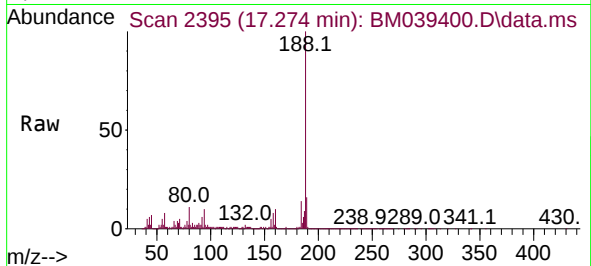
Tgt Ion:149 Resp: 156917
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 13.4 9.8 14.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

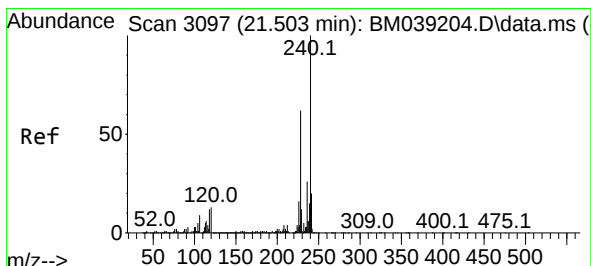
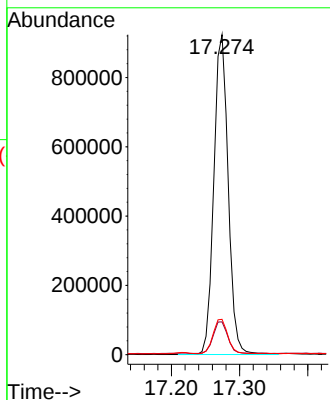
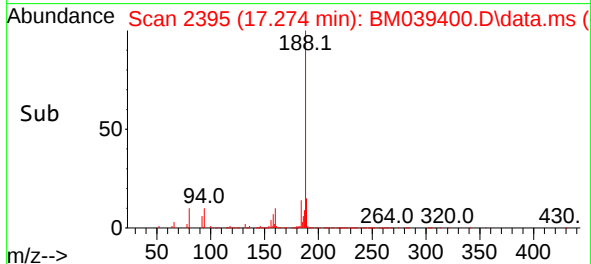
Instrument :
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Tgt Ion:188 Resp: 1351589
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.0 8.9 13.3

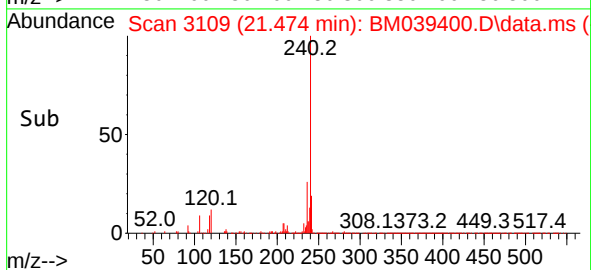
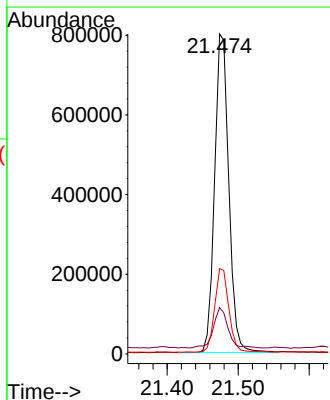
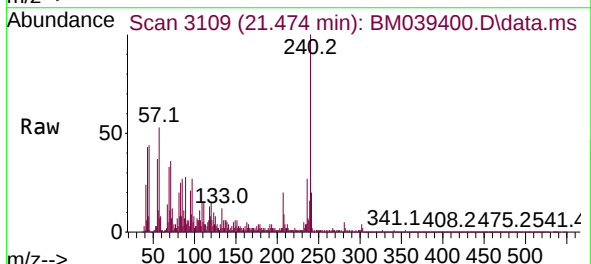
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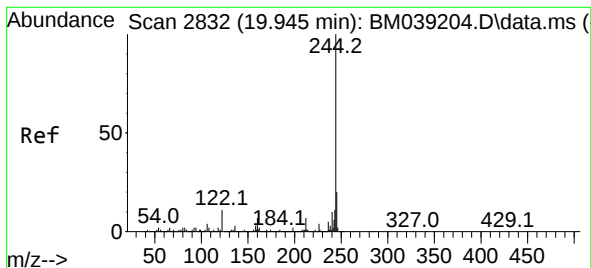
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3109
Delta R.T. 0.012 min
Lab File: BM039400.D
Acq: 11 Apr 2023 19:15

Tgt Ion:240 Resp: 1107565
Ion Ratio Lower Upper
240 100
120 14.5 10.2 15.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 11.551 ng

RT: 19.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM039400.D

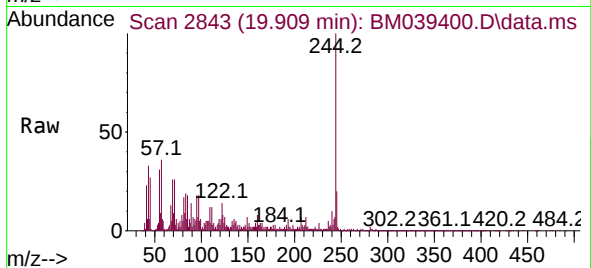
Acq: 11 Apr 2023 19:15

Instrument :

BNA_M

ClientSampleId :

ELI-WATER-0407



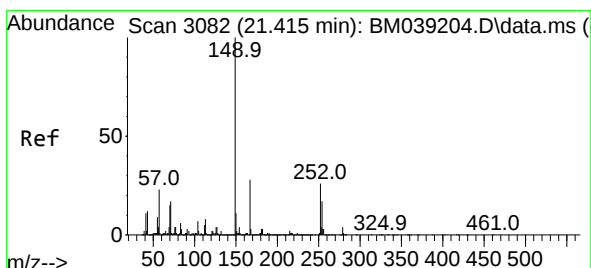
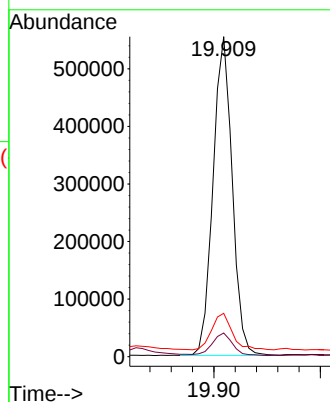
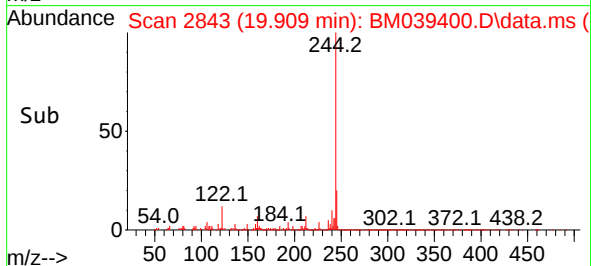
Tgt Ion:244 Resp: 692452

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	13.6	9.1	13.7

Manual Integrations

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.844 ng m

RT: 21.386 min Scan# 3094

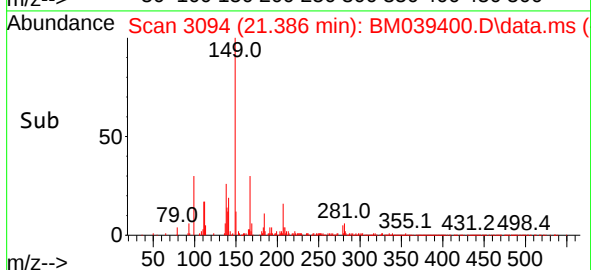
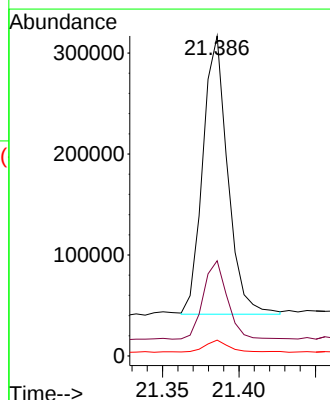
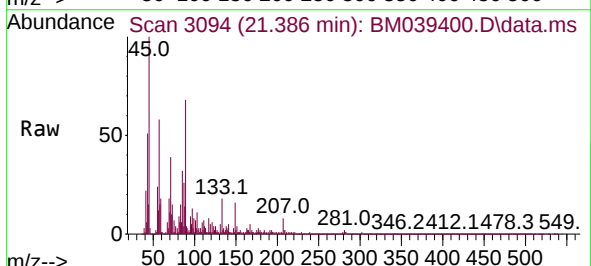
Delta R.T. 0.012 min

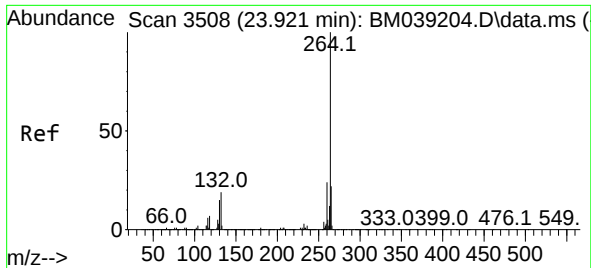
Lab File: BM039400.D

Acq: 11 Apr 2023 19:15

Tgt Ion:149 Resp: 311750

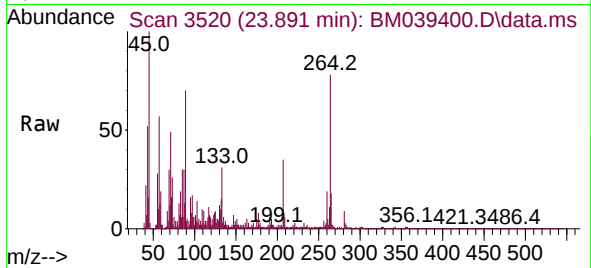
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.3	33.5
279	4.9	3.4	5.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 31
 Delta R.T. 0.041 min
 Lab File: BM039400.D
 Acq: 11 Apr 2023 19:15

Instrument :
 BNA_M
 ClientSampleId :
 ELI-WATER-0407



Tgt Ion:264 Resp: 121201
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 23.0 18.1 27.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

