

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038656.D
 Acq On : 01 Feb 2023 23:57
 Operator : CG/JU
 Sample : 01228-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 03:56:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	79191	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	282388	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	279994	20.000	ng	0.15
64) Phenanthrene-d10	17.345	188	462098	20.000	ng	0.02
76) Chrysene-d12	21.509	240	326307	20.000	ng	0.01
86) Perylene-d12	23.921	264	320748	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	90844	22.472	ng	0.01
7) Phenol-d6	7.198	99	18056m	3.916	ng	0.09
23) Nitrobenzene-d5	9.139	82	656474	132.045	ng	0.02
42) 2,4,6-Tribromophenol	16.133	330	288053	75.689	ng	0.07
45) 2-Fluorobiphenyl	13.404	172	1987717m	90.379	ng	0.20
79) Terphenyl-d14	19.950	244	1614289	87.301	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	1406202	789.028	ng	93

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

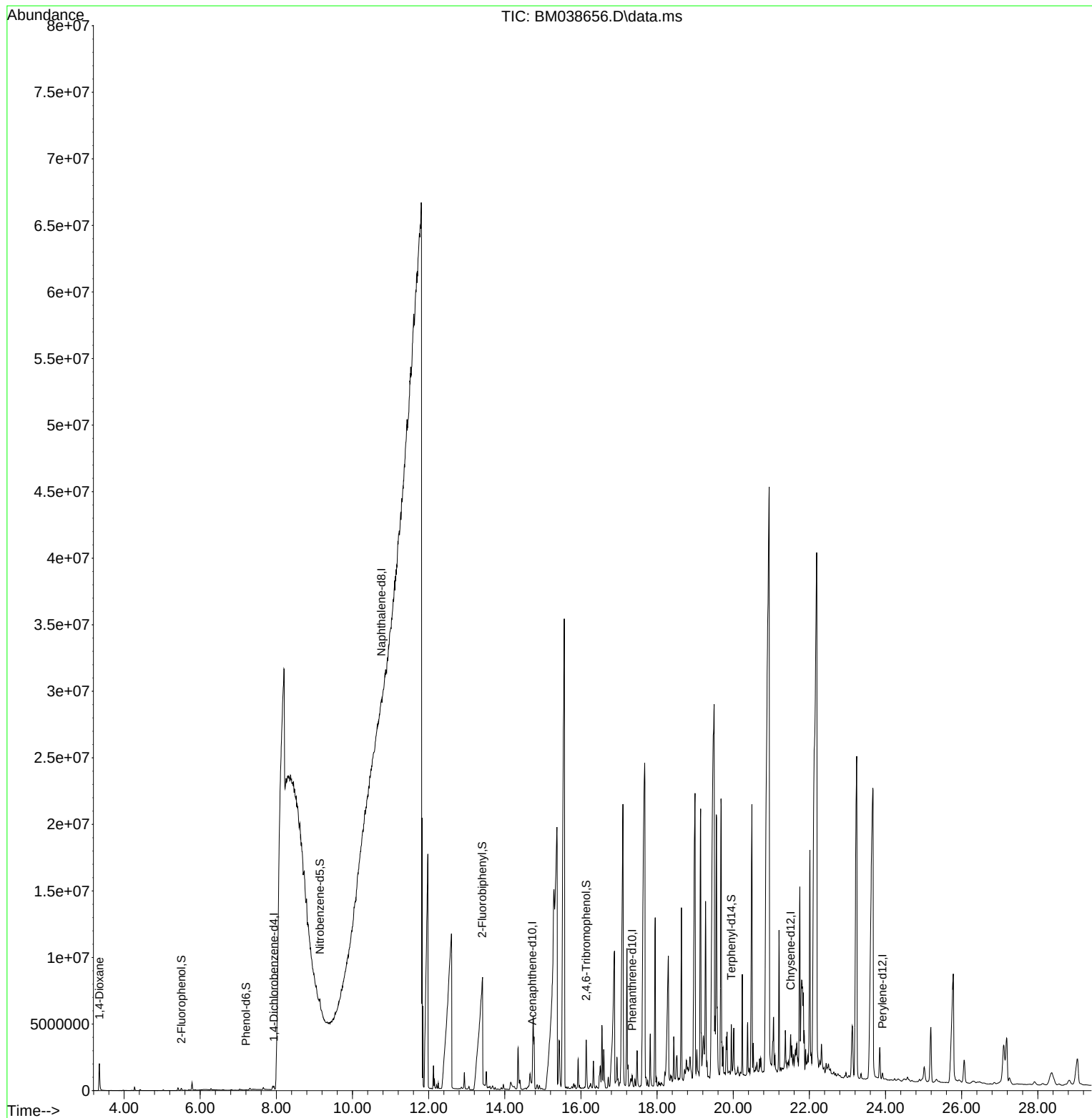
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038656.D
Acq On : 01 Feb 2023 23:57
Operator : CG/JU
Sample : 01228-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

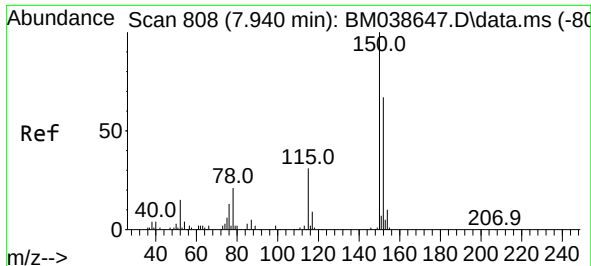
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Feb 02 03:56:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 03:31:45 2023
Response via : Initial Calibration

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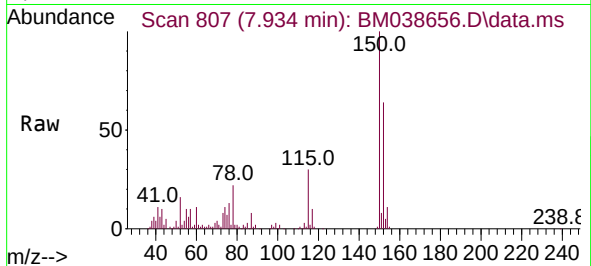
Reviewed By : Christian Giraldo 02/02/2023
Supervised By : Jagrut Upadhyay 02/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

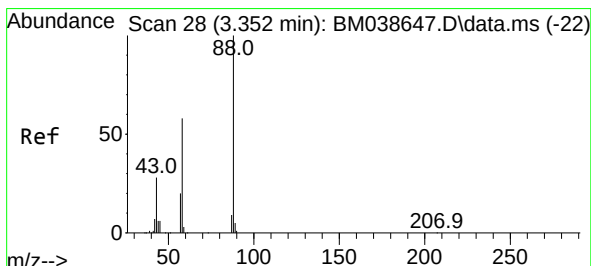
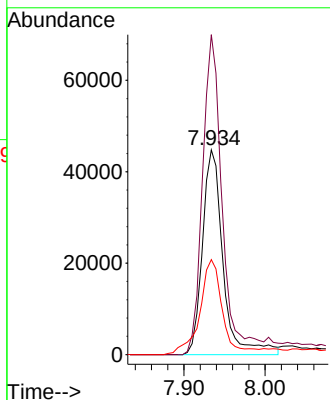
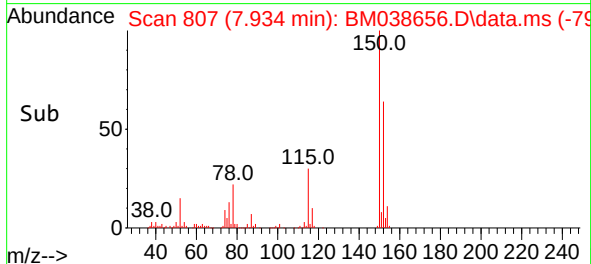
Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion: 152 Resp: 79191
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 46.4 37.6 56.4

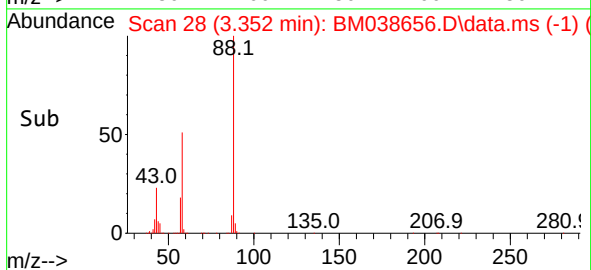
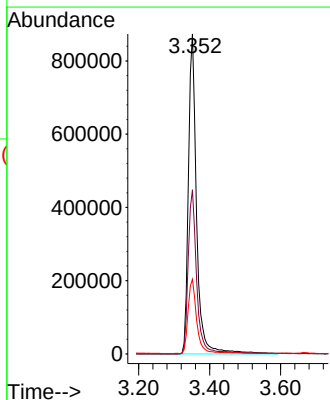
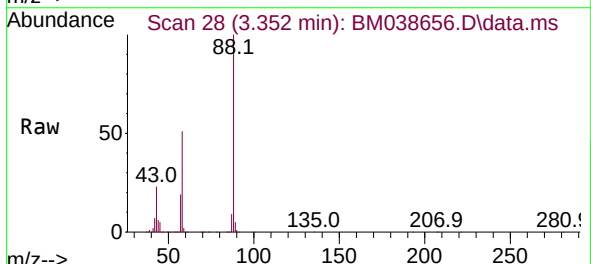
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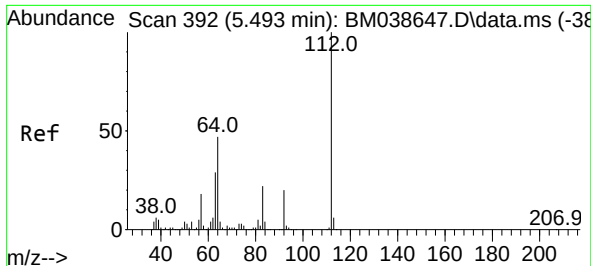
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#2
1,4-Dioxane
Concen: 789.028 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Tgt Ion: 88 Resp: 1406202
Ion Ratio Lower Upper
88 100
58 53.8 47.0 70.4
43 24.5 22.6 33.8





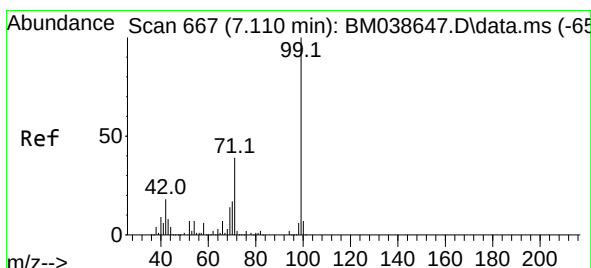
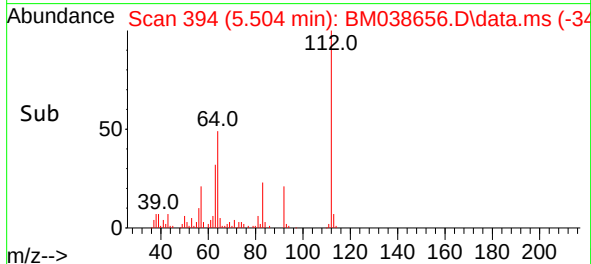
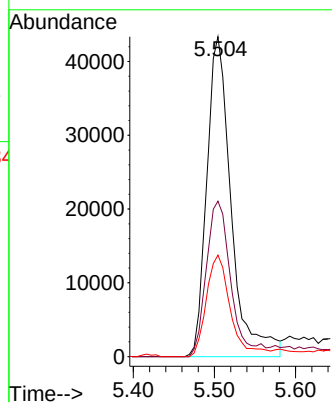
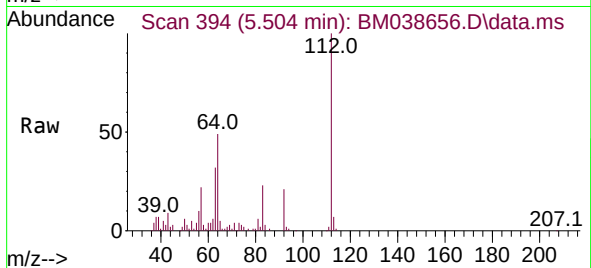
#5
2-Fluorophenol
Concen: 22.472 ng
RT: 5.504 min Scan# 392
Delta R.T. 0.012 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion: 112 Resp: 90844
Ion Ratio Lower Upper
112 100
64 48.6 37.9 56.9
63 31.7 23.3 34.9

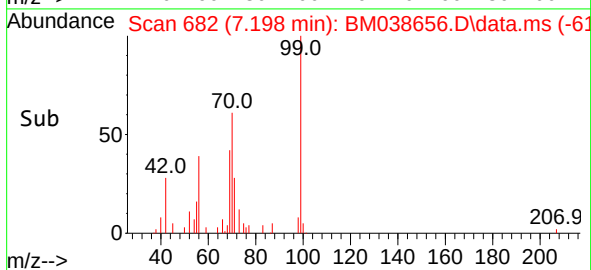
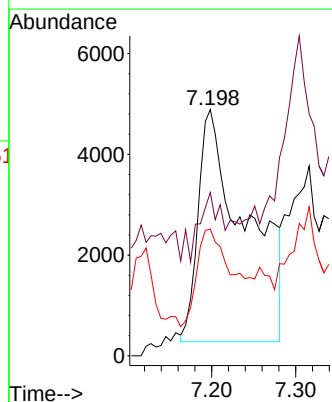
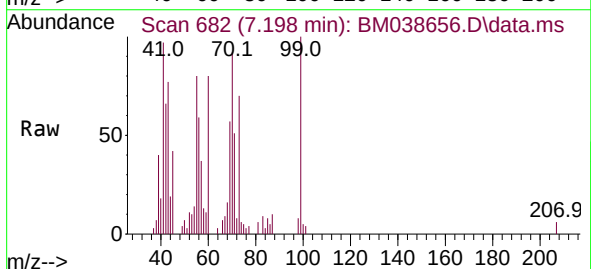
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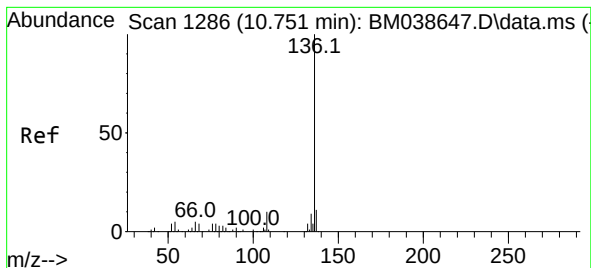
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#7
Phenol-d6
Concen: 3.916 ng m
RT: 7.198 min Scan# 682
Delta R.T. 0.088 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

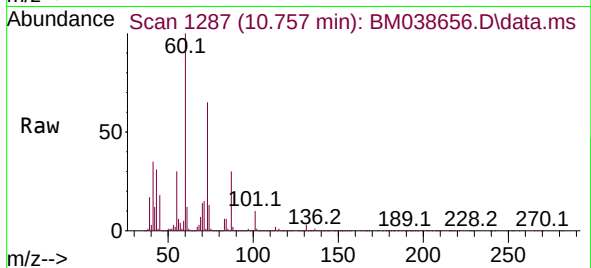
Tgt Ion: 99 Resp: 18056
Ion Ratio Lower Upper
99 100
42 66.3 14.6 22.0#
71 51.5 31.0 46.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

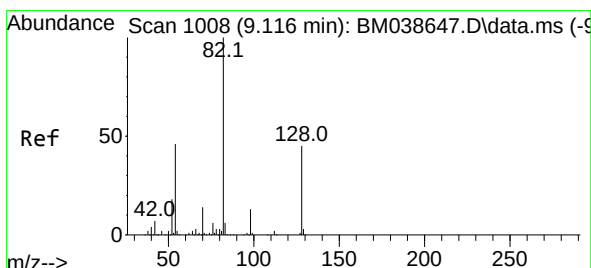
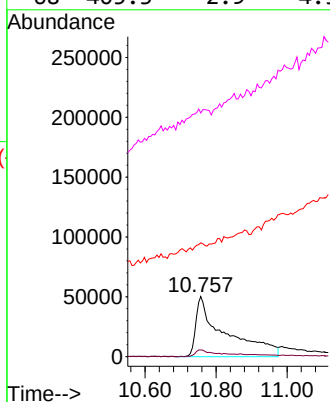
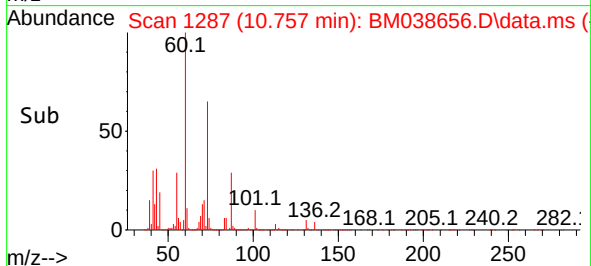
Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion:136 Resp: 282388
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 189.3 4.2 6.4
68 405.3 2.9 4.3

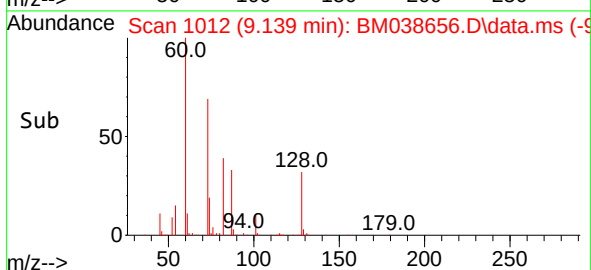
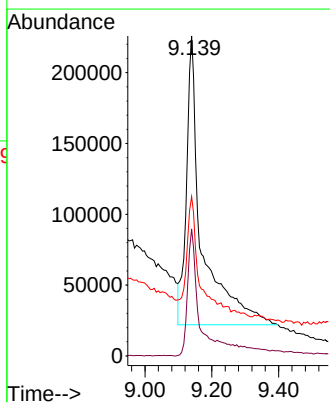
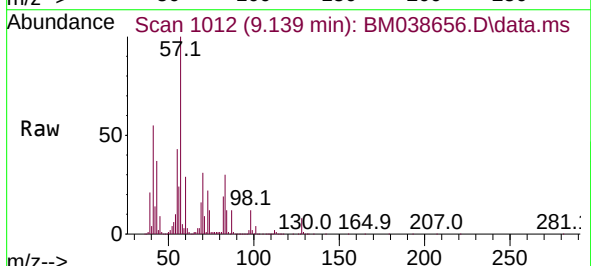
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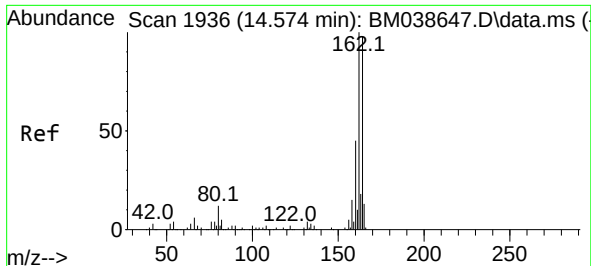
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#23
Nitrobenzene-d5
Concen: 132.045 ng
RT: 9.139 min Scan# 1012
Delta R.T. 0.024 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

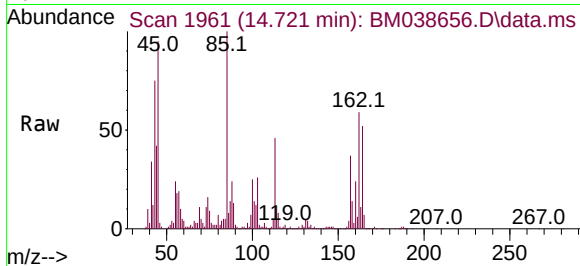
Tgt Ion: 82 Resp: 656474
Ion Ratio Lower Upper
82 100
128 39.7 36.0 54.0
54 49.8 36.8 55.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1936
Delta R.T. 0.147 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

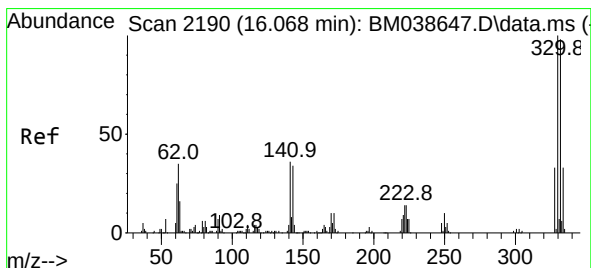
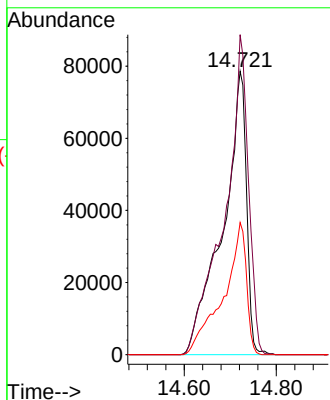
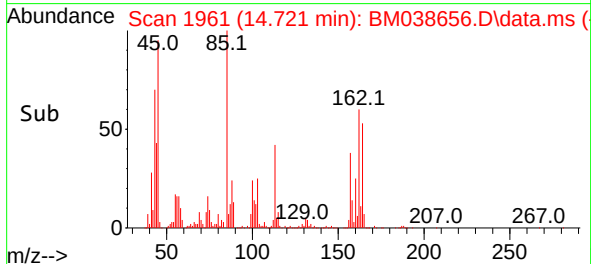
Instrument :
BNA_M
ClientSampleId :
EFF-WW



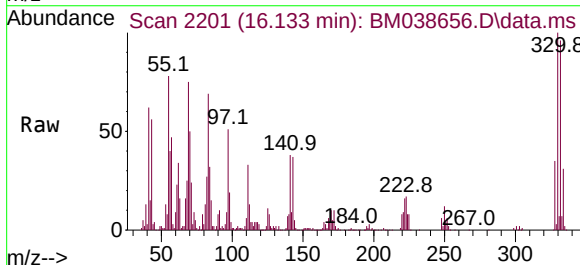
Tgt Ion:164 Resp: 279994
Ion Ratio Lower Upper
164 100
162 113.0 81.4 122.0
160 46.6 36.5 54.7

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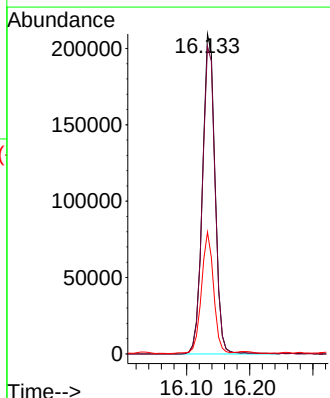
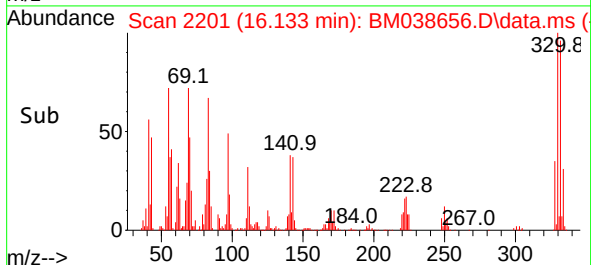
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023

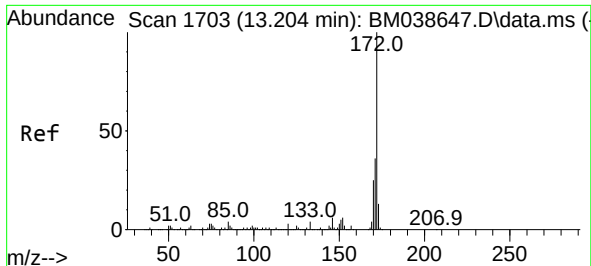


#42
2,4,6-Tribromophenol
Concen: 75.689 ng
RT: 16.133 min Scan# 2201
Delta R.T. 0.065 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57



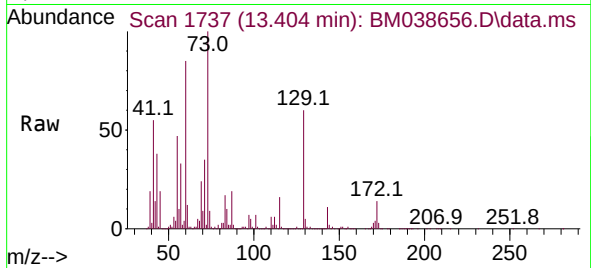
Tgt Ion:330 Resp: 288053
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 36.7 31.0 46.6





#45
2-Fluorobiphenyl
Concen: 90.379 ng m
RT: 13.404 min Scan# 1703
Delta R.T. 0.200 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

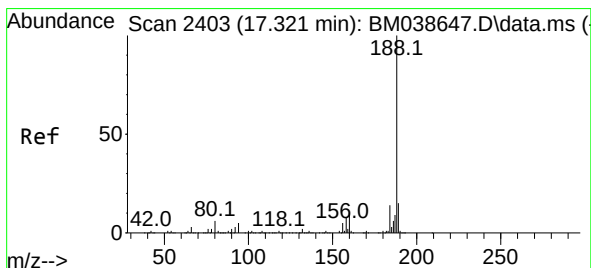
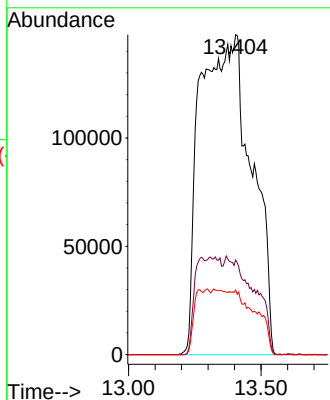
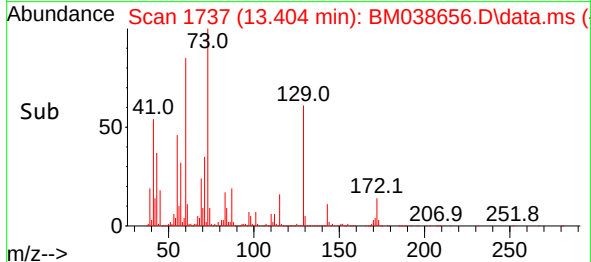
Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion:172 Resp: 198771
Ion Ratio Lower Upper
172 100
171 29.6 28.7 43.1
170 20.2 20.0 30.0

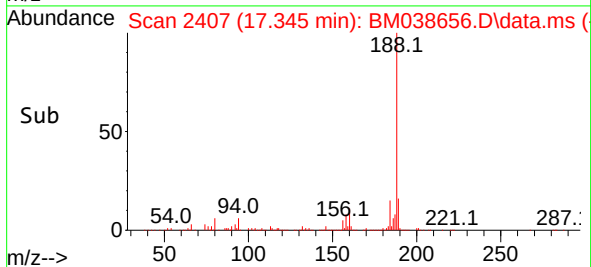
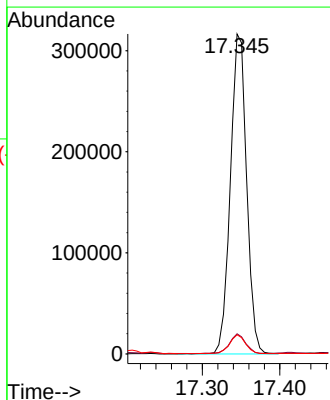
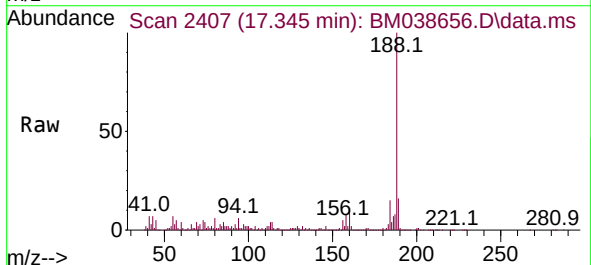
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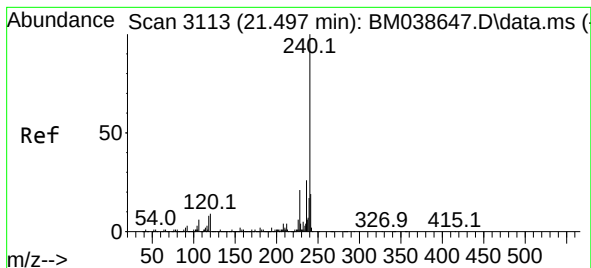
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. 0.024 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Tgt Ion:188 Resp: 462098
Ion Ratio Lower Upper
188 100
94 6.3 4.2 6.4
80 6.0 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

Instrument :

BNA_M

ClientSampleId :

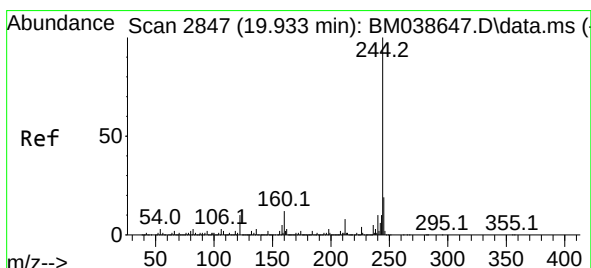
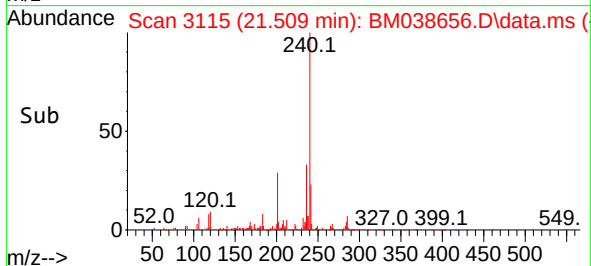
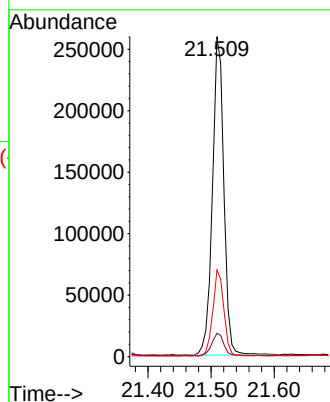
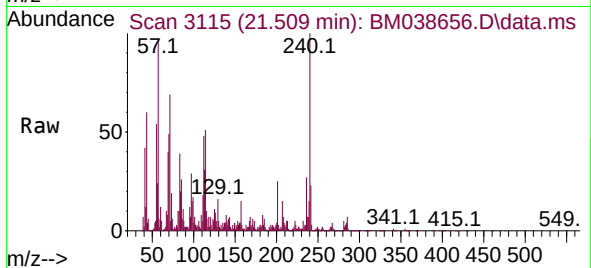
EFF-WW

Tgt Ion:240	Resp: 326307
Ion Ratio	Lower Upper
240 100	
120 7.3	7.0 10.4
236 27.1	20.9 31.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#79

Terphenyl-d14

Concen: 87.301 ng

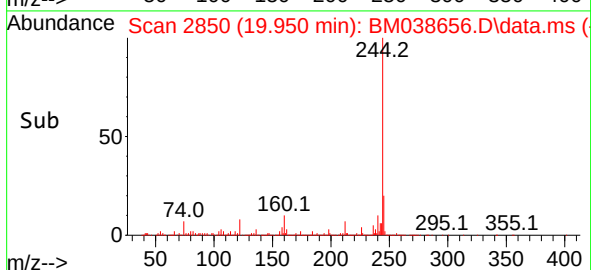
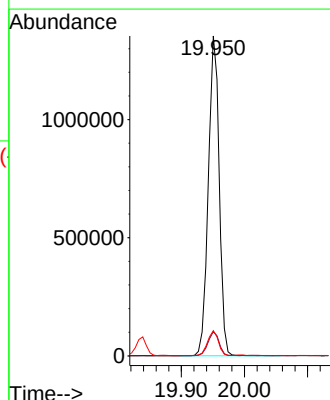
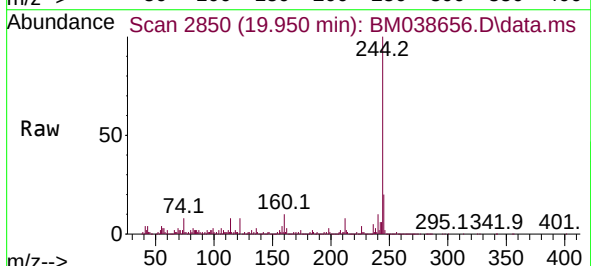
RT: 19.950 min Scan# 2850

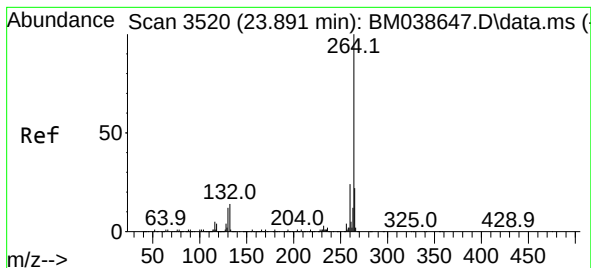
Delta R.T. 0.018 min

Lab File: BM038656.D

Acq: 01 Feb 2023 23:57

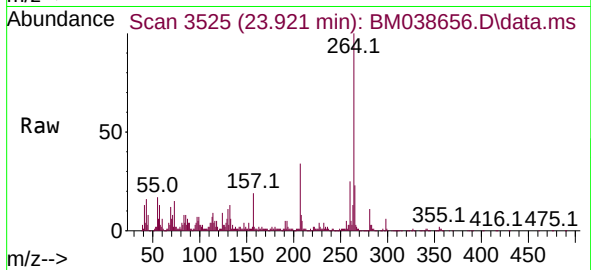
Tgt Ion:244	Resp: 1614289
Ion Ratio	Lower Upper
244 100	
212 7.6	6.6 9.8
122 7.9	7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3525
Delta R.T. 0.029 min
Lab File: BM038656.D
Acq: 01 Feb 2023 23:57

Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion:264 Resp: 320748
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 23.1 17.9 26.9

Manual Integrations
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