

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039252.D
 Acq On : 31 Mar 2023 14:21
 Operator : CG/JU
 Sample : 02084-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-6A

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Apr 03 03:38:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	328586	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1418879	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	842801	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1744841	20.000	ng	0.00
76) Chrysene-d12	21.492	240	1371502	20.000	ng	0.00
86) Perylene-d12	23.909	264	1191981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1251134	57.366	ng	0.02
7) Phenol-d6	7.087	99	1038764	36.824	ng	0.00
23) Nitrobenzene-d5	9.092	82	2690969	92.177	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1588092	148.440	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5715642	91.886	ng	0.00
79) Terphenyl-d14	19.939	244	7042334	94.868	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.116	94	101405	3.587	ng	# 74
15) Benzyl Alcohol	8.169	79	195264	10.064	ng	99
17) 2-Methylphenol	8.375	107	2486348	125.710	ng	99
20) 3+4-Methylphenols	8.698	107	651344	24.508	ng	98
27) 2,4-Dimethylphenol	9.939	122	705176	31.619	ng	# 93
31) Naphthalene	10.786	128	8260080	108.039	ng	98
37) 2-Methylnaphthalene	12.392	142	1661463	31.217	ng	99
38) 1-Methylnaphthalene	12.610	142	935487m	18.771	ng	

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

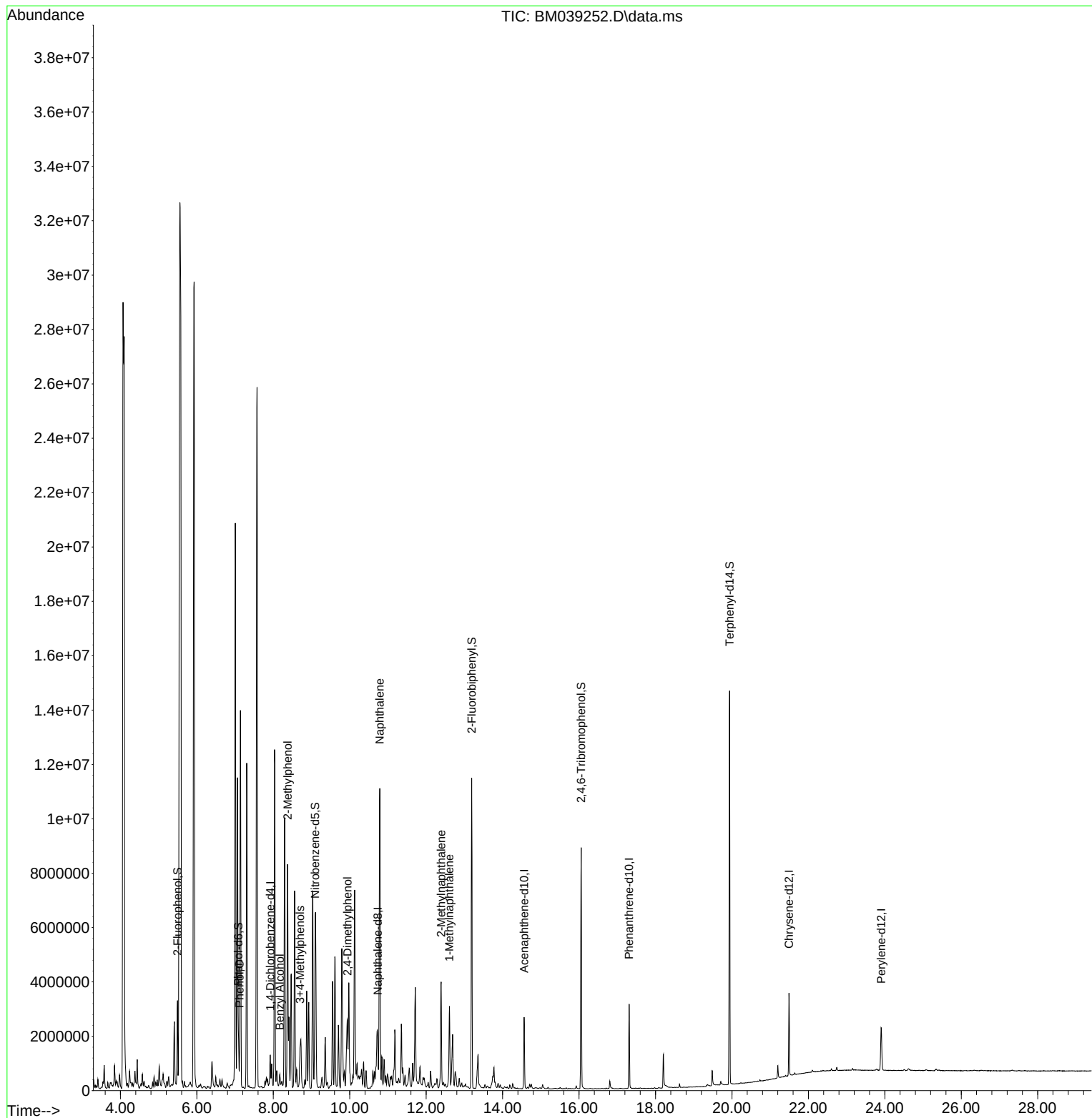
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039252.D
Acq On : 31 Mar 2023 14:21
Operator : CG/JU
Sample : 02084-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

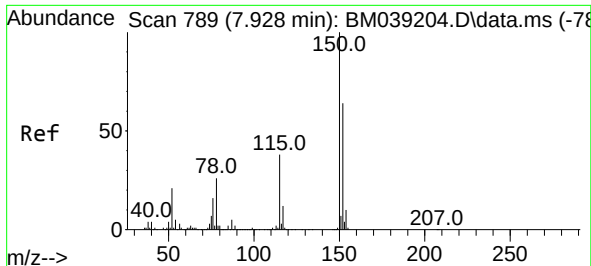
Instrument :
BNA_M
ClientSampleId :
MW-6A

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/03/2023
Supervised By : Jagrut Upadhyay 04/03/2023

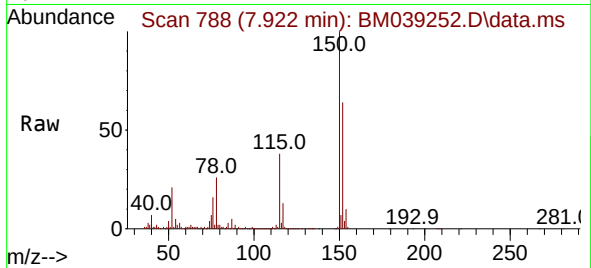
Quant Time: Apr 03 03:38:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 7
Delta R.T. 0.006 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

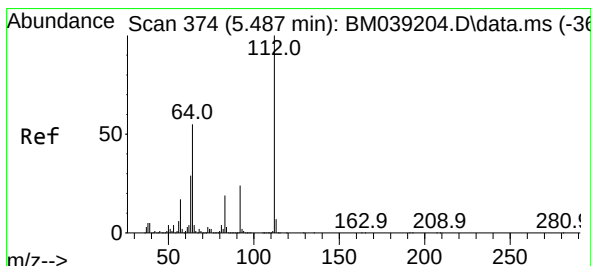
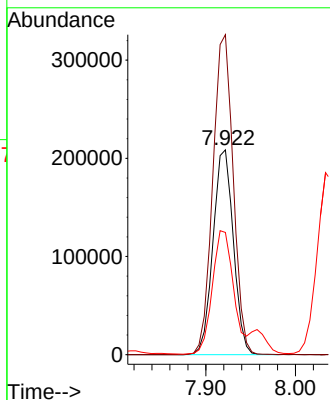
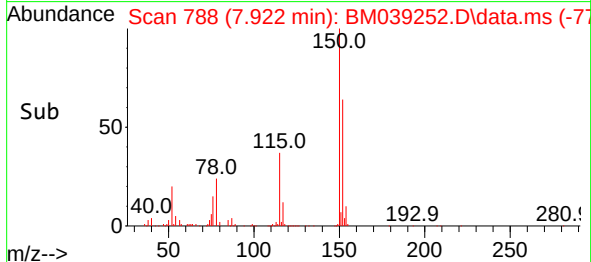
Instrument :
BNA_M
ClientSampleId :
MW-6A



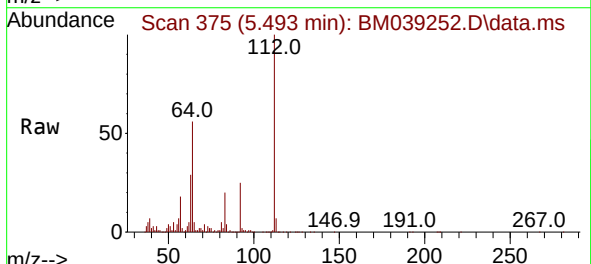
Tgt Ion:152 Resp: 328580
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 59.7 48.1 72.1

Manual Integrations
APPROVED

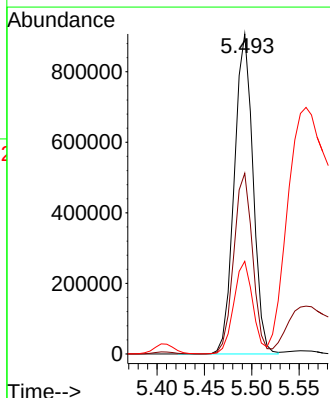
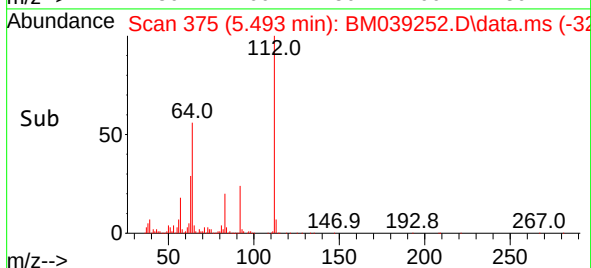
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

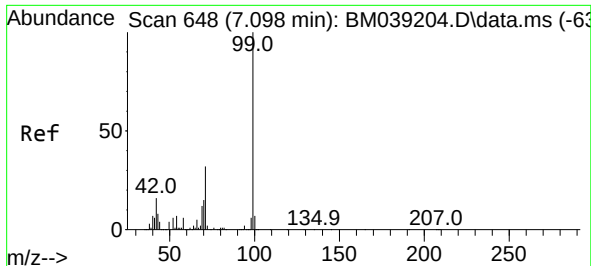


#5
2-Fluorophenol
Concen: 57.366 ng
RT: 5.493 min Scan# 375
Delta R.T. 0.017 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21



Tgt Ion:112 Resp: 1251134
Ion Ratio Lower Upper
112 100
64 56.4 44.3 66.5
63 28.9 23.0 34.6





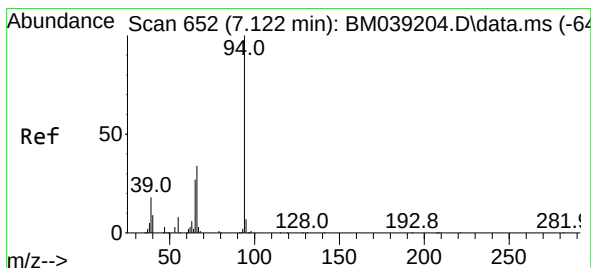
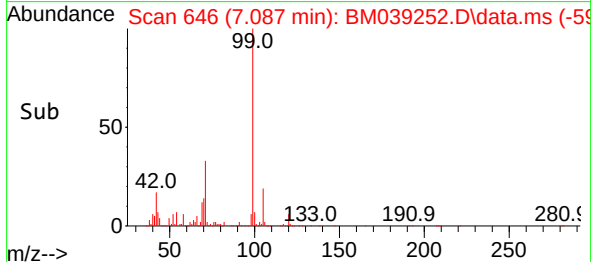
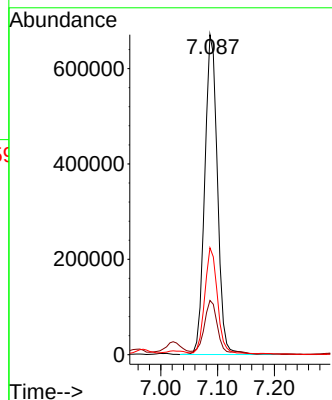
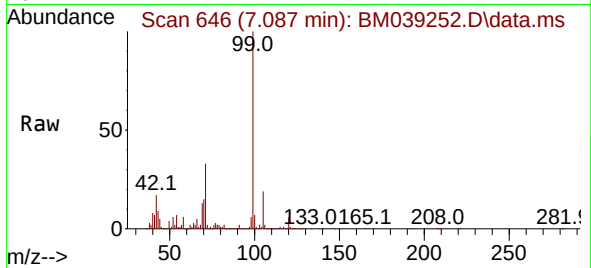
#7
Phenol-d6
Concen: 36.824 ng
RT: 7.087 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Instrument :
BNA_M
ClientSampleId :
MW-6A

Tgt Ion: 99 Resp: 1038764
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 33.4 25.5 38.3

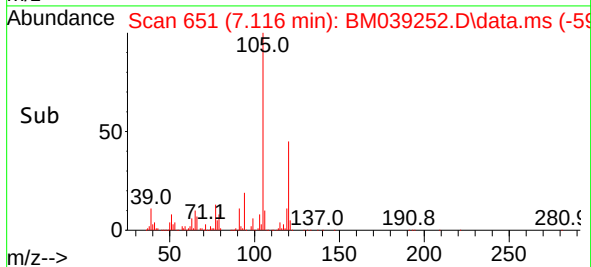
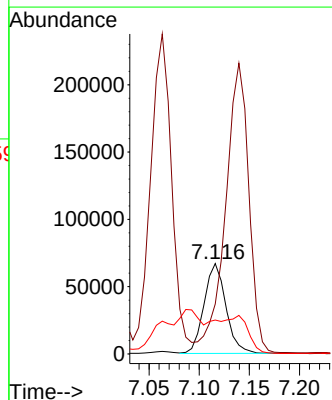
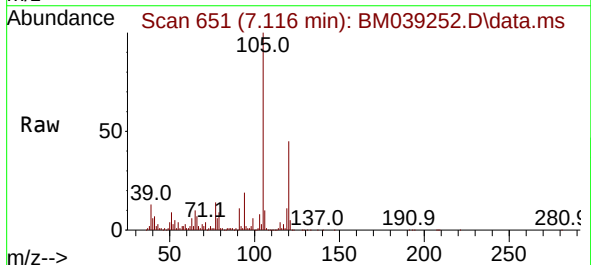
Manual Integrations
APPROVED

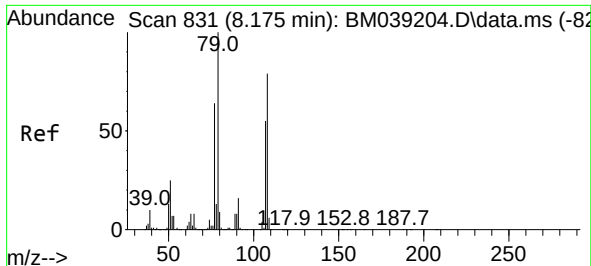
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Phenol
Concen: 3.587 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Tgt Ion: 94 Resp: 101405
Ion Ratio Lower Upper
94 100
65 55.2 7.2 47.2#
66 37.6 15.2 55.2





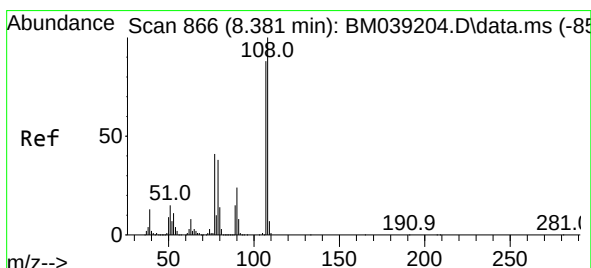
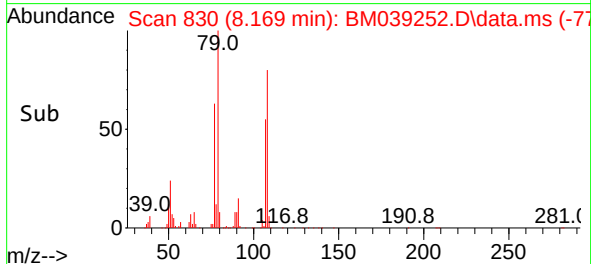
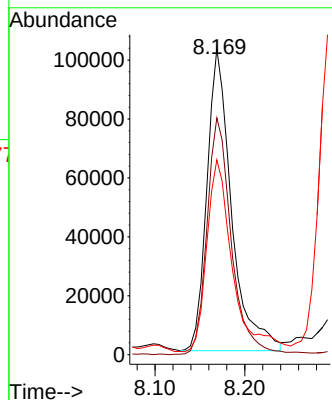
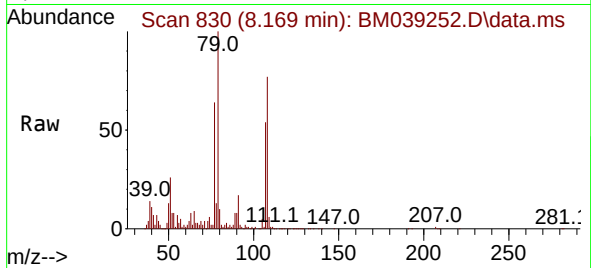
#15
Benzyl Alcohol
Concen: 10.064 ng
RT: 8.169 min Scan# 81
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Instrument :
BNA_M
ClientSampleId :
MW-6A

Tgt Ion: 79 Resp: 195264
Ion Ratio Lower Upper
79 100
108 77.4 63.4 95.0
77 63.7 51.5 77.3

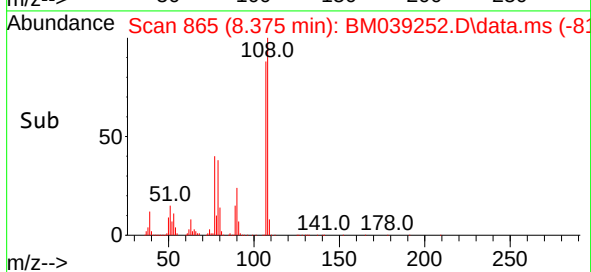
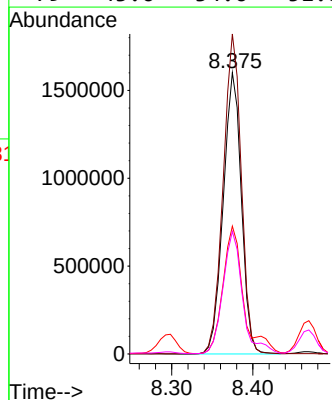
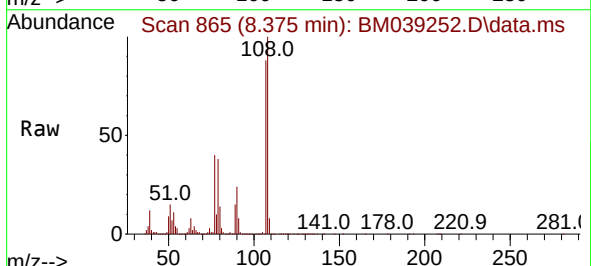
Manual Integrations
APPROVED

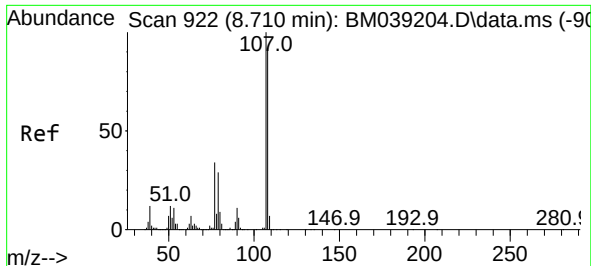
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#17
2-Methylphenol
Concen: 125.710 ng
RT: 8.375 min Scan# 865
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

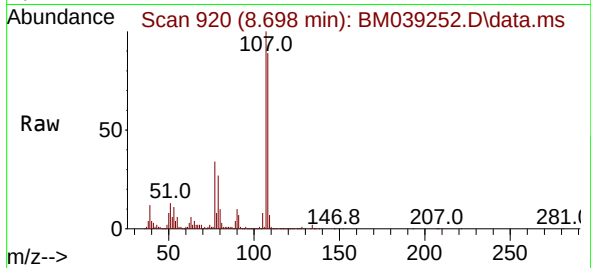
Tgt Ion:107 Resp: 2486348
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 45.5 37.0 55.4
79 43.6 34.6 51.8





#20
3+4-Methylphenols
Concen: 24.508 ng
RT: 8.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

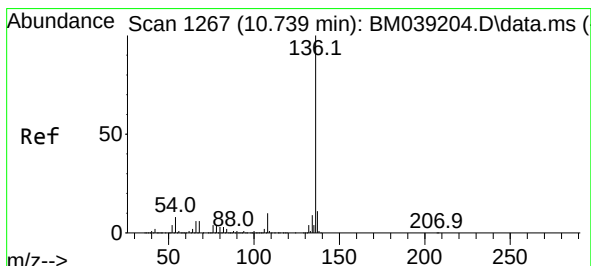
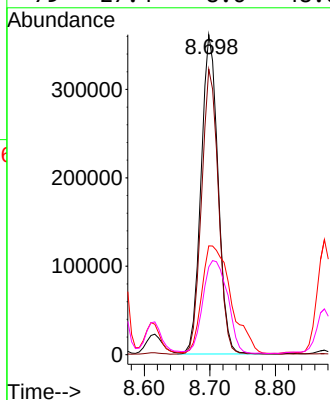
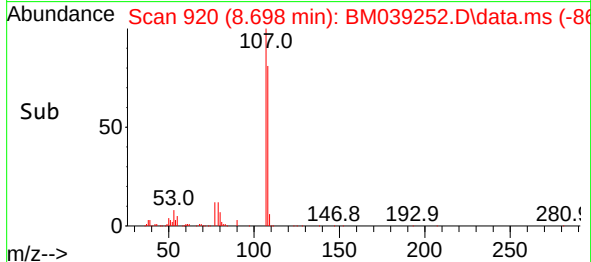
Instrument :
BNA_M
ClientSampleId :
MW-6A



Tgt Ion:	107	Resp:	651344
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.1	112.1
77	34.0	13.7	53.7
79	27.4	8.6	48.6

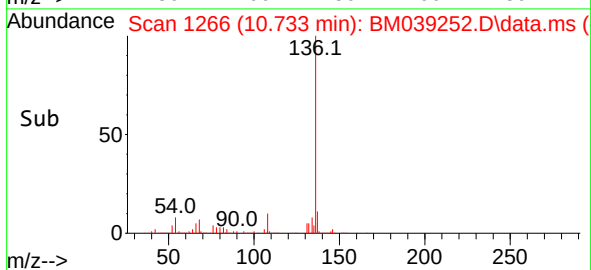
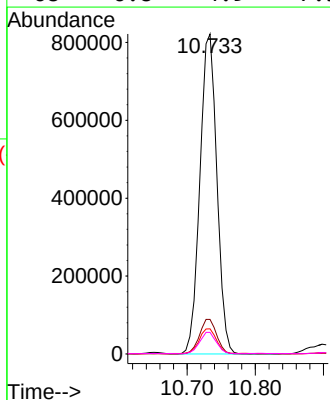
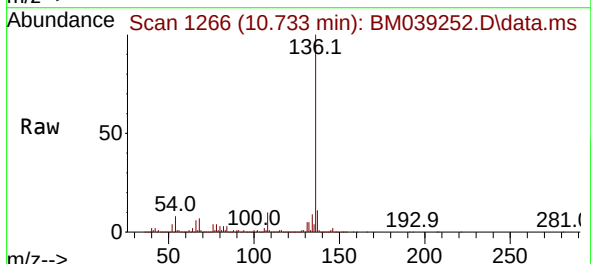
Manual Integrations
APPROVED

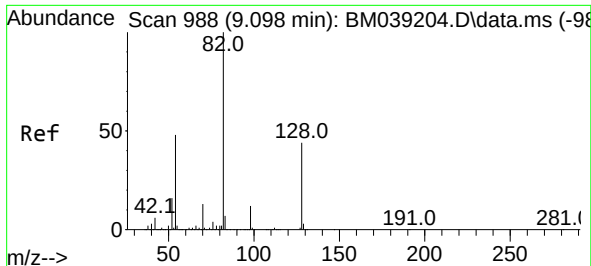
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

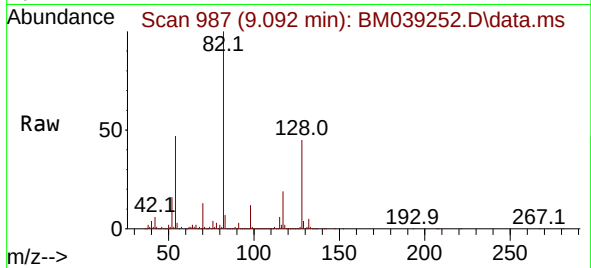
Tgt Ion:	136	Resp:	1418879
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.2	9.4
68	6.8	4.9	7.3





#23
Nitrobenzene-d5
Concen: 92.177 ng
RT: 9.092 min Scan# 90
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

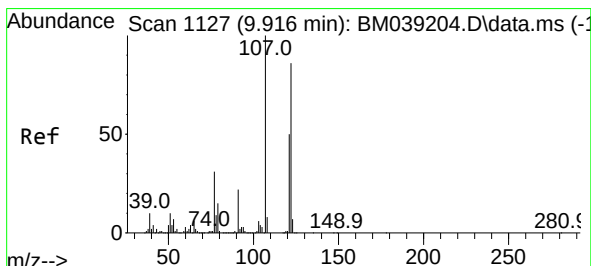
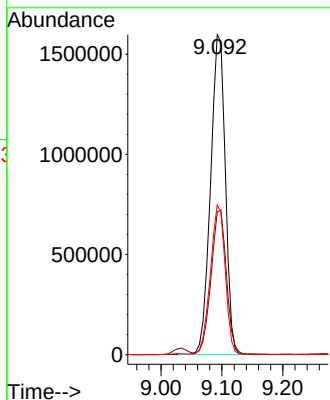
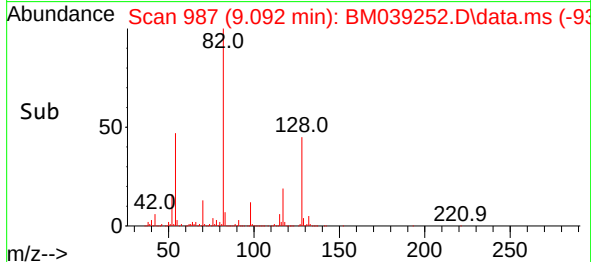
Instrument :
BNA_M
ClientSampleId :
MW-6A



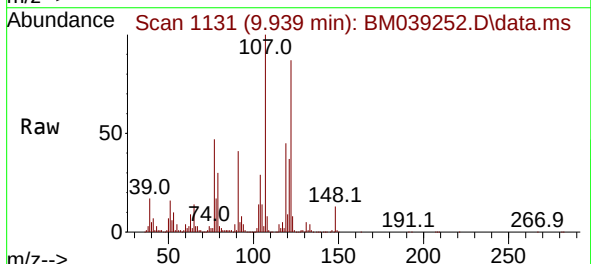
Tgt Ion: 82 Resp: 269096
Ion Ratio Lower Upper
82 100
128 44.6 35.1 52.7
54 46.8 38.5 57.7

Manual Integrations
APPROVED

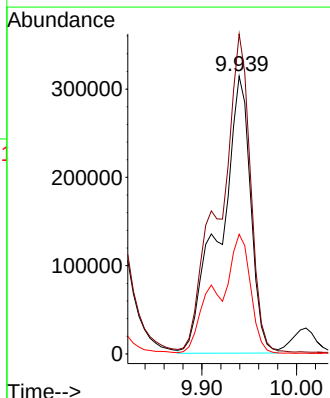
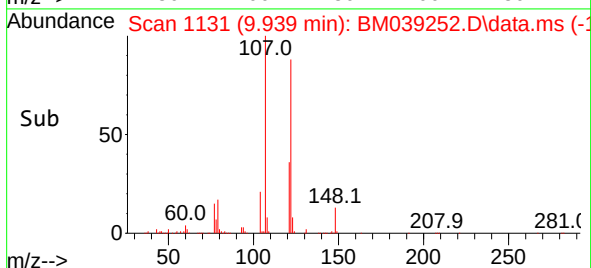
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

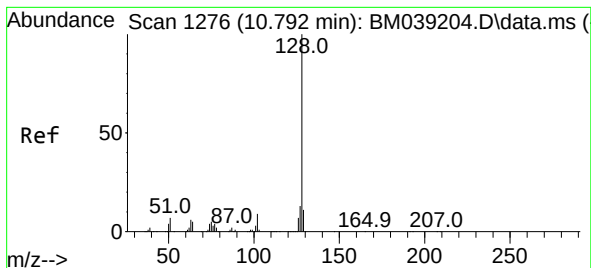


#27
2,4-Dimethylphenol
Concen: 31.619 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.035 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21



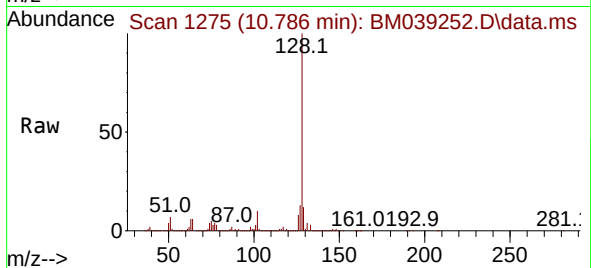
Tgt Ion:122 Resp: 705176
Ion Ratio Lower Upper
122 100
107 115.2 92.3 138.5
121 43.1 46.3 69.5#





#31
Naphthalene
Concen: 108.039 ng
RT: 10.786 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

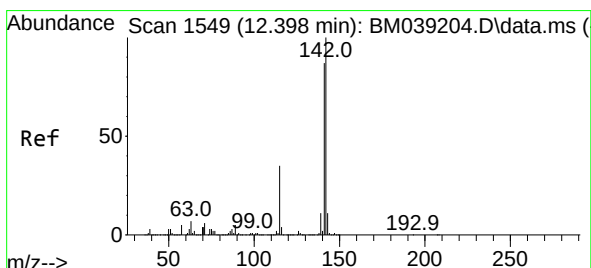
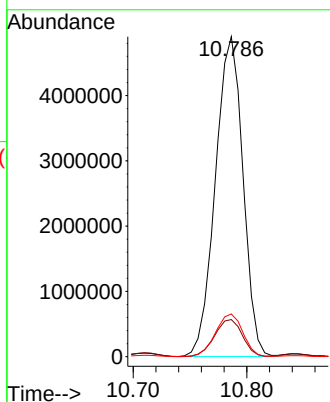
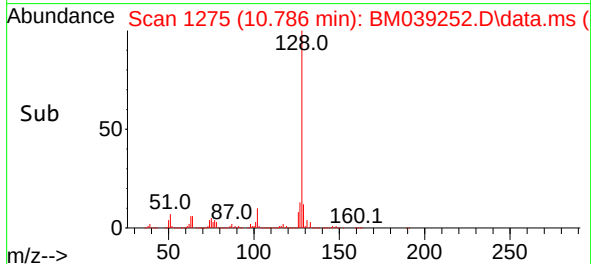
Instrument :
BNA_M
ClientSampleId :
MW-6A



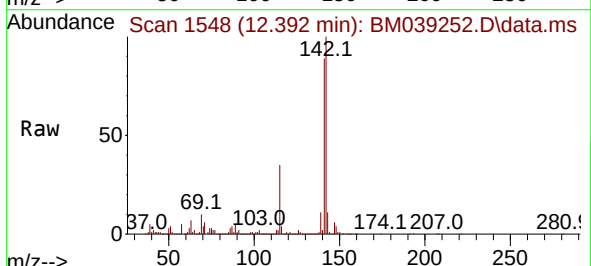
Tgt Ion:128 Resp: 8260080
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.3 10.3 15.5

Manual Integrations
APPROVED

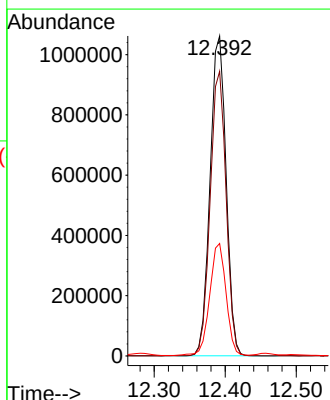
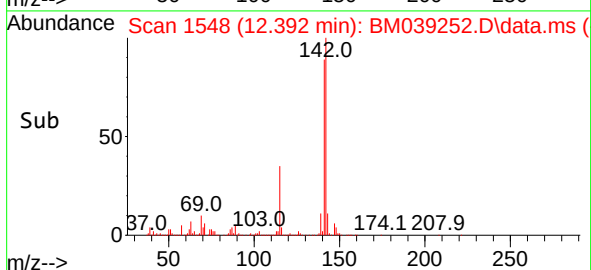
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

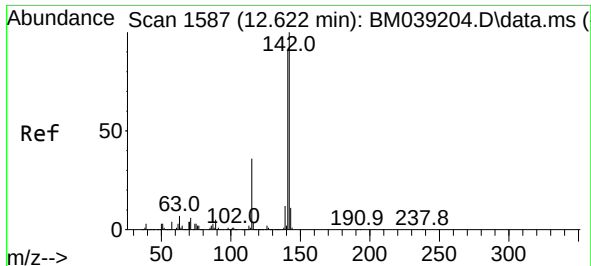


#37
2-Methylnaphthalene
Concen: 31.217 ng
RT: 12.392 min Scan# 1548
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21



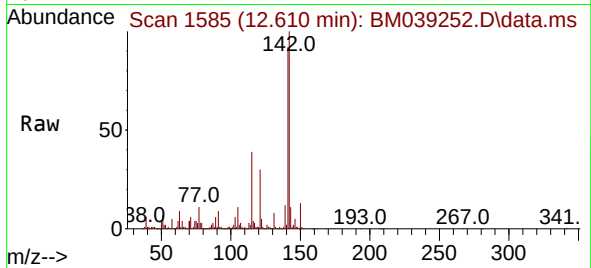
Tgt Ion:142 Resp: 1661463
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.8
115 35.1 27.8 41.8





#38
1-Methylnaphthalene
Concen: 18.771 ng m
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

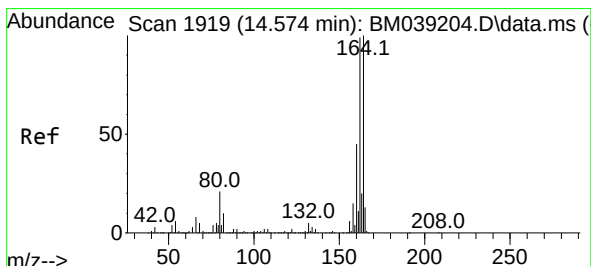
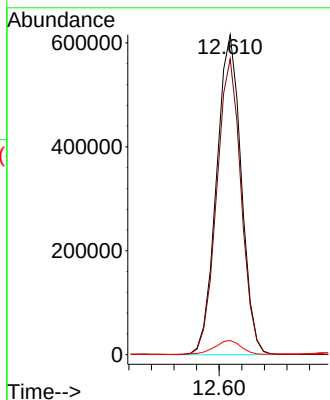
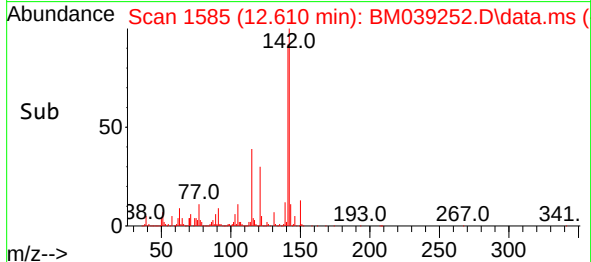
Instrument :
BNA_M
ClientSampleId :
MW-6A



Tgt Ion:142 Resp: 93548
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8
116 4.5 3.0 4.4

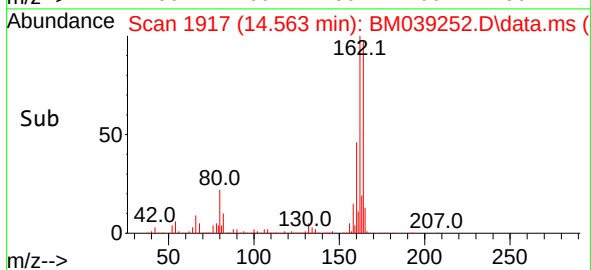
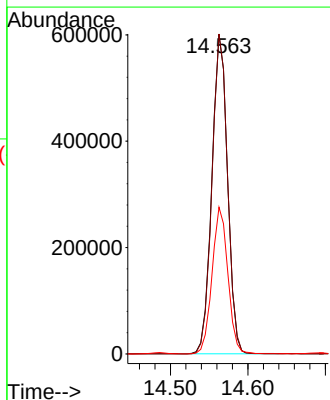
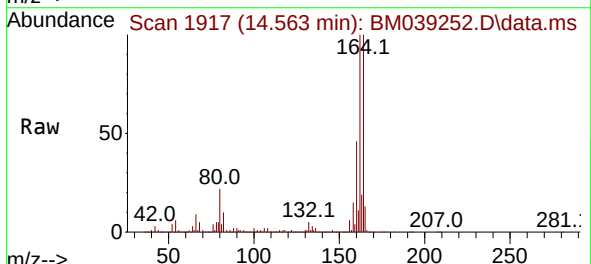
Manual Integrations
APPROVED

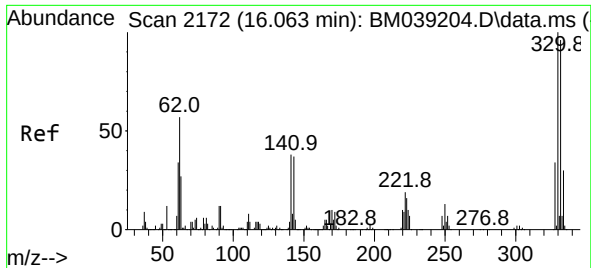
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Tgt Ion:164 Resp: 842801
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 45.9 35.8 53.8





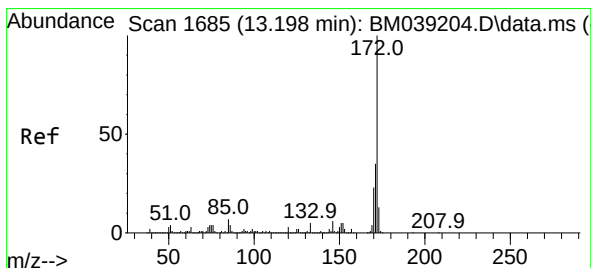
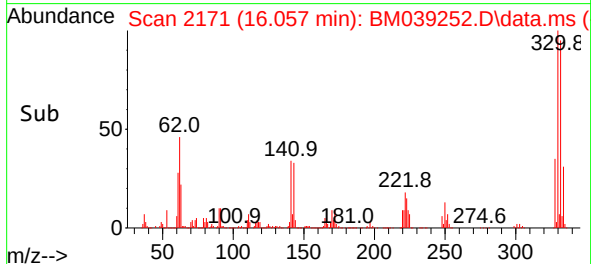
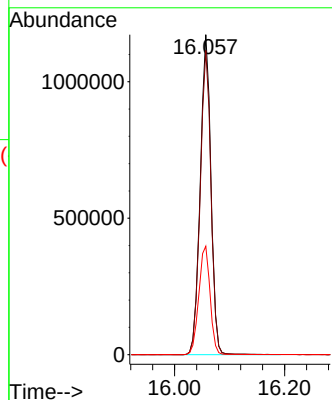
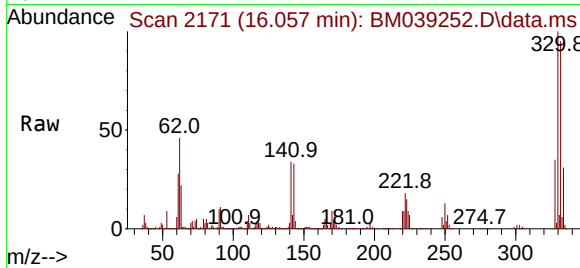
#42
2,4,6-Tribromophenol
Concen: 148.440 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Instrument :
BNA_M
ClientSampleId :
MW-6A

Tgt Ion:330 Resp: 1588092
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 35.8 29.8 44.6

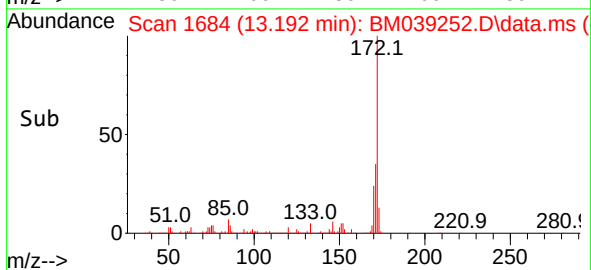
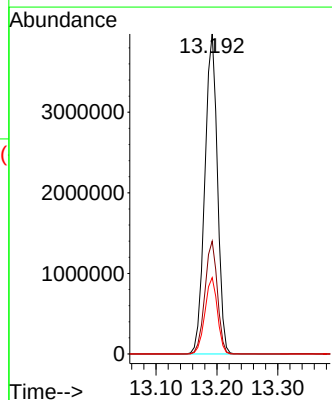
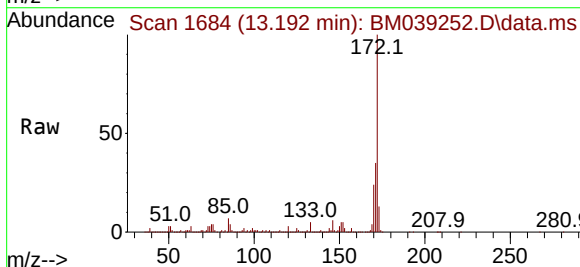
Manual Integrations
APPROVED

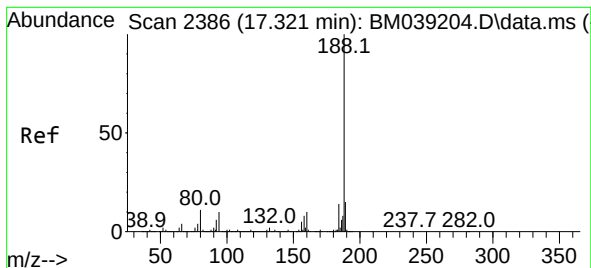
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#45
2-Fluorobiphenyl
Concen: 91.886 ng
RT: 13.192 min Scan# 1684
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Tgt Ion:172 Resp: 5715642
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039252.D

Acq: 31 Mar 2023 14:21

Instrument :

BNA_M

ClientSampleId :

MW-6A

Tgt Ion:188 Resp: 174484

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

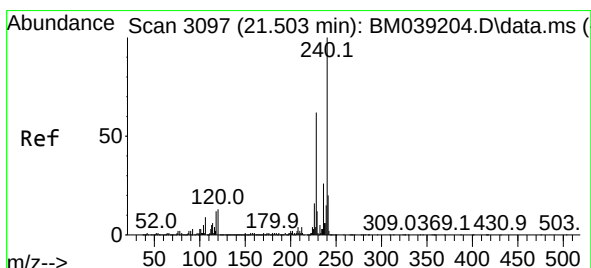
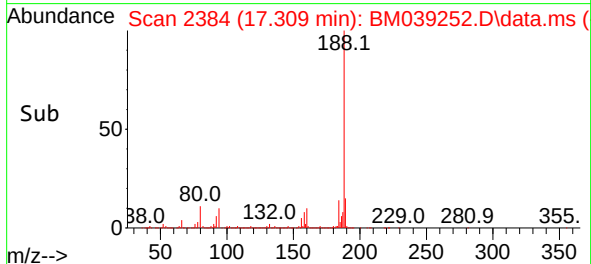
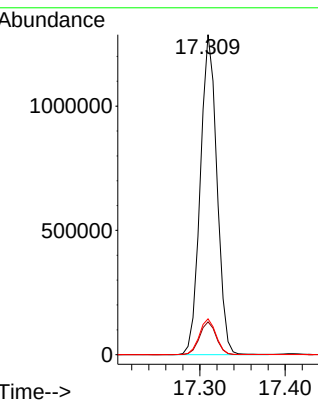
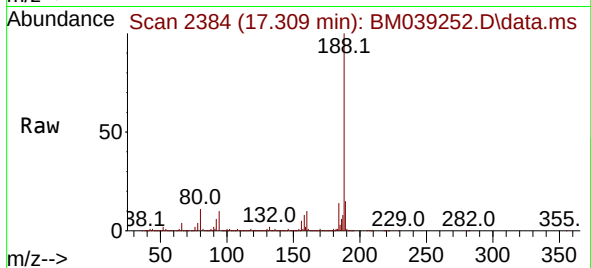
80 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039252.D

Acq: 31 Mar 2023 14:21

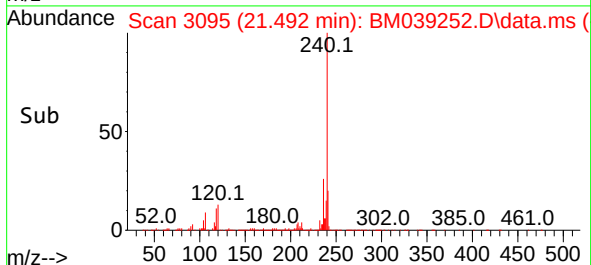
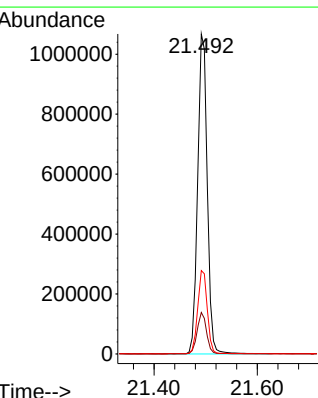
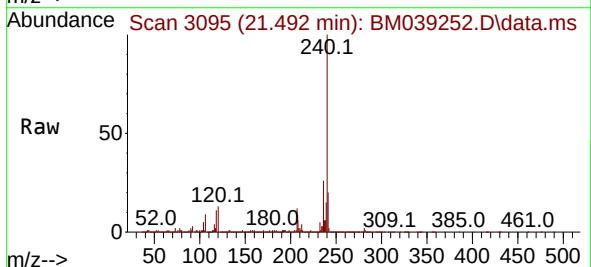
Tgt Ion:240 Resp: 1371502

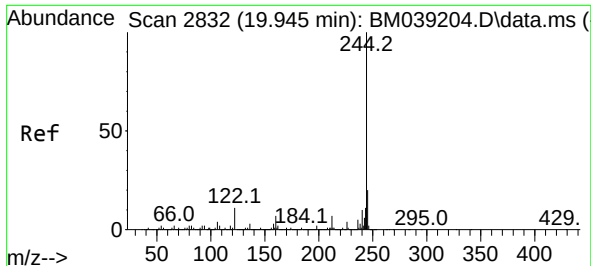
Ion Ratio Lower Upper

240 100

120 13.0 10.2 15.2

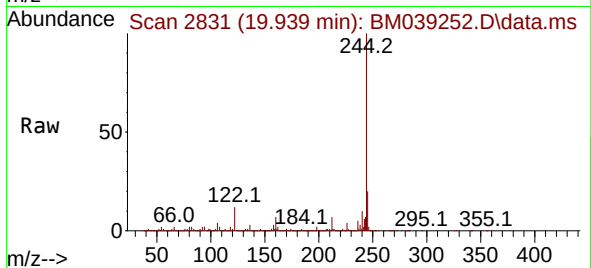
236 26.1 20.9 31.3





#79
Terphenyl-d14
Concen: 94.868 ng
RT: 19.939 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

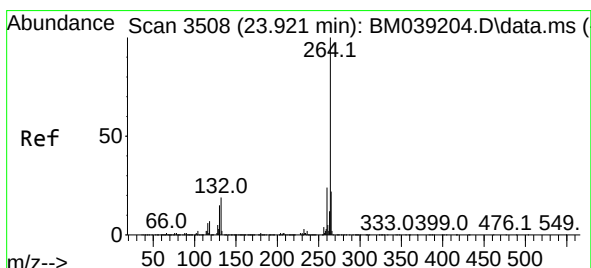
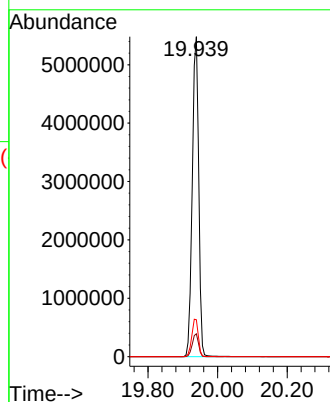
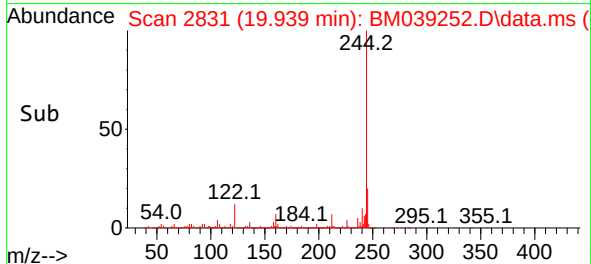
Instrument :
BNA_M
ClientSampleId :
MW-6A



Tgt Ion:244 Resp: 7042334
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.5 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.909 min Scan# 3506
Delta R.T. 0.005 min
Lab File: BM039252.D
Acq: 31 Mar 2023 14:21

Tgt Ion:264 Resp: 1191981
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.3 18.1 27.1

