

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038657.D
 Acq On : 02 Feb 2023 00:34
 Operator : CG/JU
 Sample : 01228-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Quant Time: Feb 02 03:56:50 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	83172	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	290112	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	181917	20.000	ng	0.02
64) Phenanthrene-d10	17.321	188	371818	20.000	ng	0.00
76) Chrysene-d12	21.498	240	314037	20.000	ng	0.00
86) Perylene-d12	23.897	264	362450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	25291	5.957	ng	0.02
7) Phenol-d6	7.275	99	15766m	3.256	ng	0.16
23) Nitrobenzene-d5	9.122	82	84529	16.550	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	36531	14.774	ng	0.01
45) 2-Fluorobiphenyl	13.210	172	213405	14.935	ng	0.00
79) Terphenyl-d14	19.933	244	248688	13.975	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	293530	156.818	ng	Qvalue 93

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

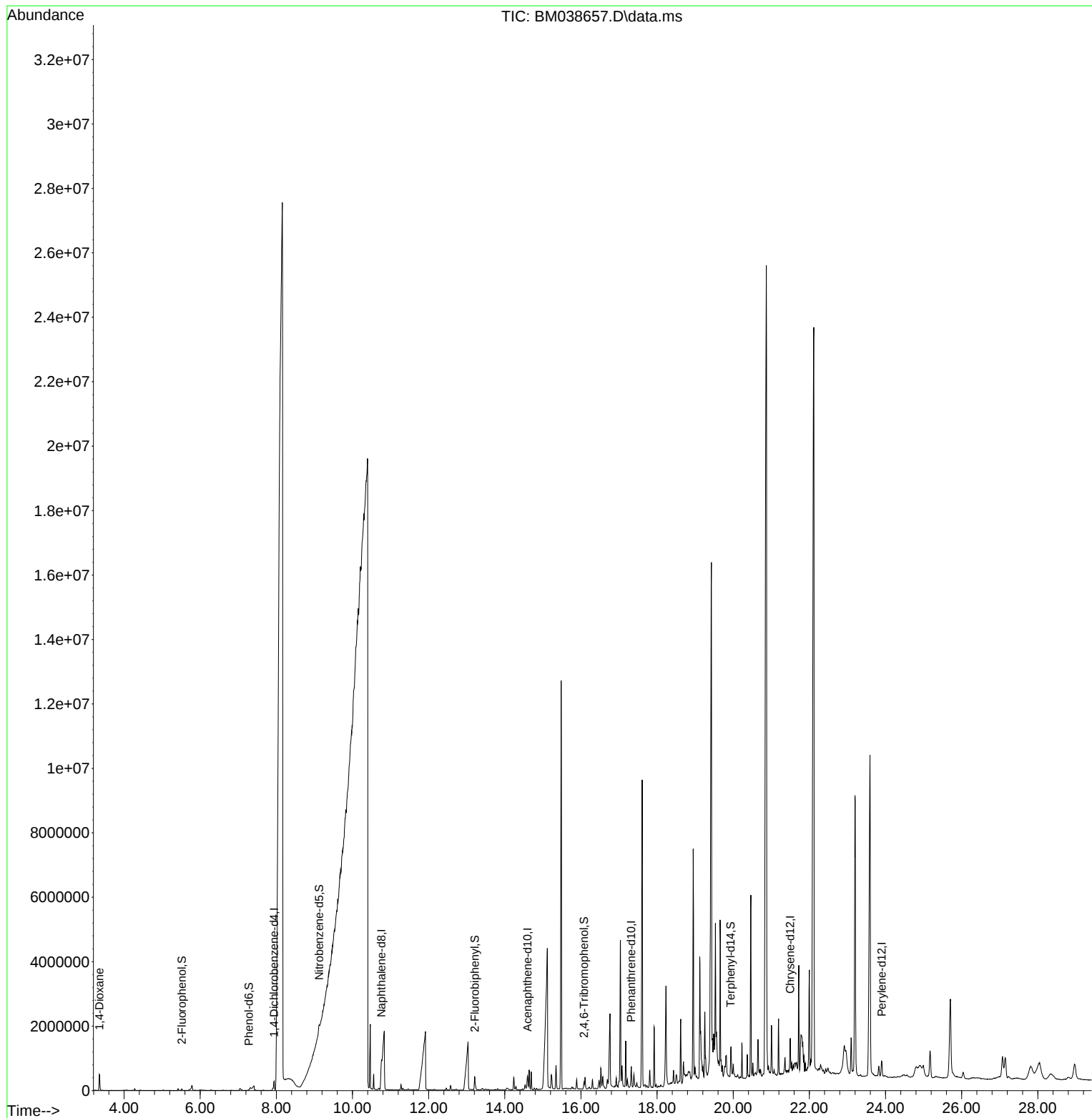
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038657.D
Acq On : 02 Feb 2023 00:34
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ALS Vial : 17 Sample Multiplier: 1

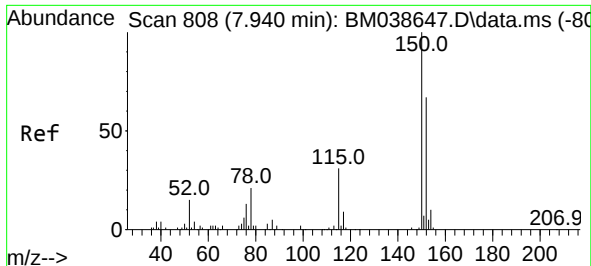
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

Quant Time: Feb 02 03:56:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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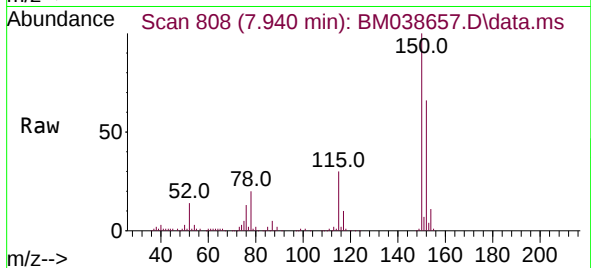
Reviewed By : Christian Giraldo 02/02/2023
Supervised By : Jagrut Upadhyay 02/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

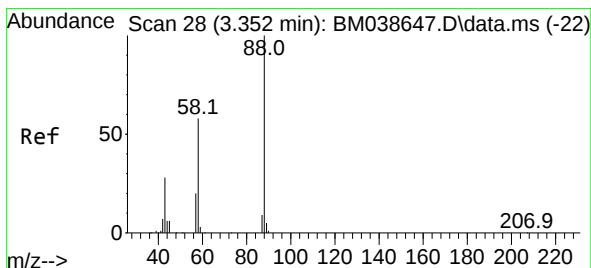
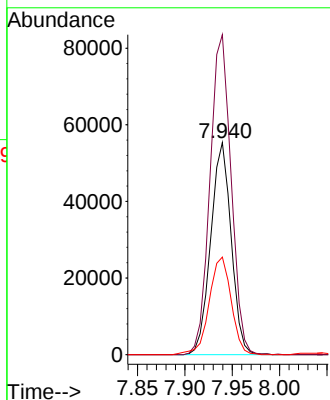
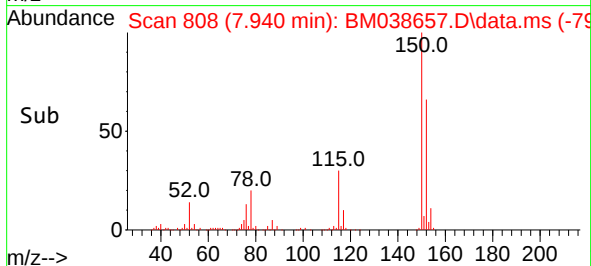
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL



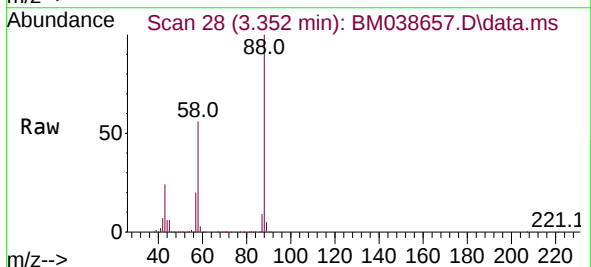
Tgt Ion:152 Resp: 83172
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 46.0 37.6 56.4

Manual Integrations
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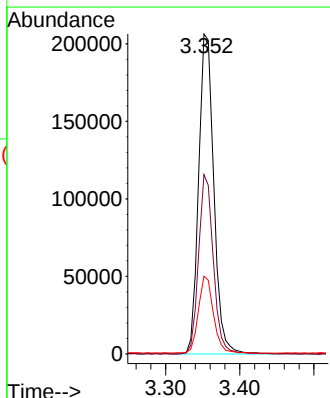
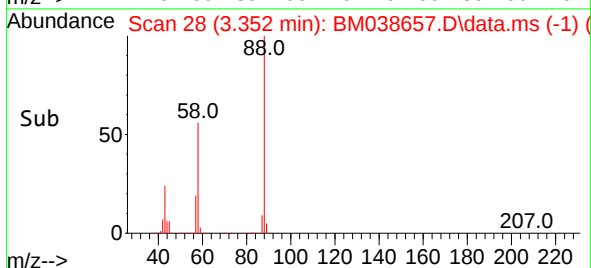
Reviewed By :Christian Giraldo 02/02/2023
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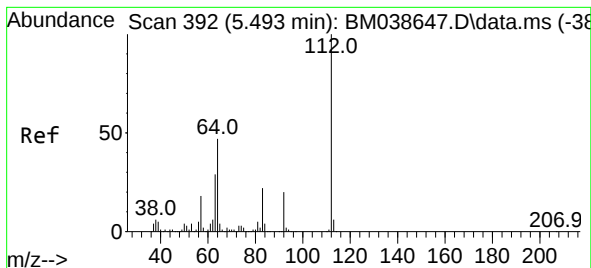


#2
1,4-Dioxane
Concen: 156.818 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34



Tgt Ion: 88 Resp: 293530
Ion Ratio Lower Upper
88 100
58 54.5 47.0 70.4
43 23.8 22.6 33.8





#5

2-Fluorophenol

Concen: 5.957 ng

RT: 5.516 min Scan# 392

Delta R.T. 0.024 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

Instrument :

BNA_M

ClientSampleId :

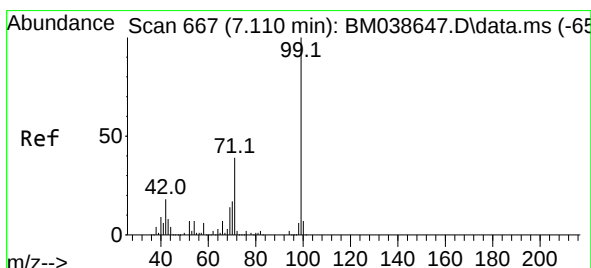
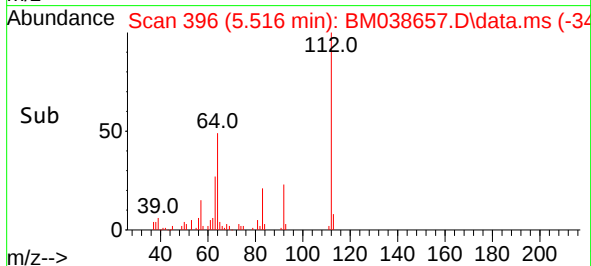
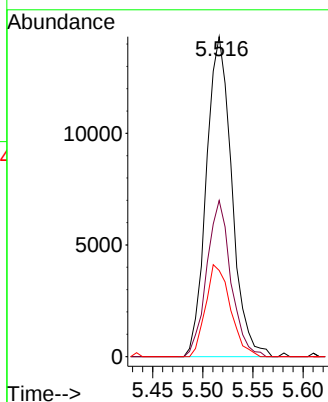
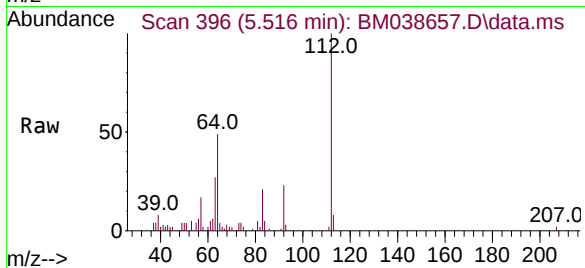
EFF-WWDL

Tgt Ion:	112	Resp:	2529
Ion Ratio	Lower	Upper	
112	100		
64	48.8	37.9	56.9
63	26.9	23.3	34.9

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#7

Phenol-d6

Concen: 3.256 ng m

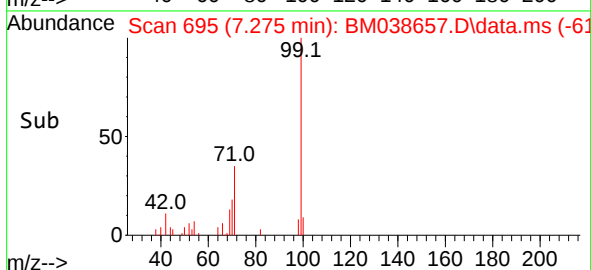
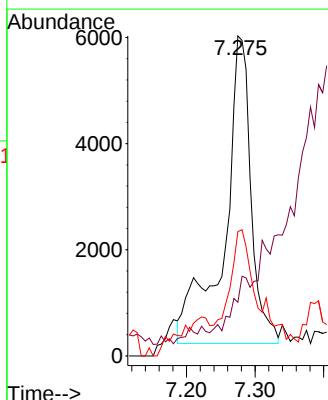
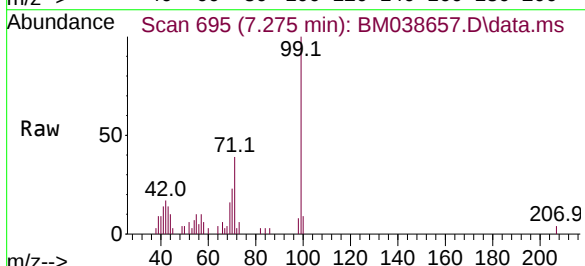
RT: 7.275 min Scan# 695

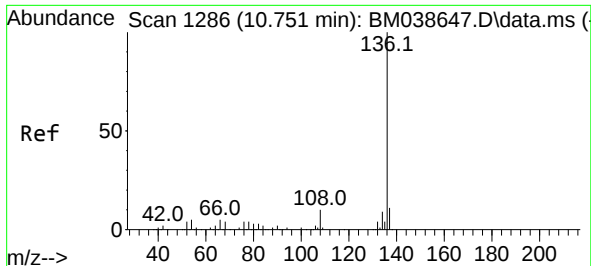
Delta R.T. 0.165 min

Lab File: BM038657.D

Acq: 02 Feb 2023 00:34

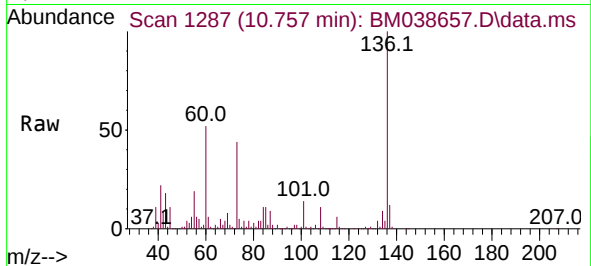
Tgt Ion:	99	Resp:	15766
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.6	22.0
71	38.8	31.0	46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

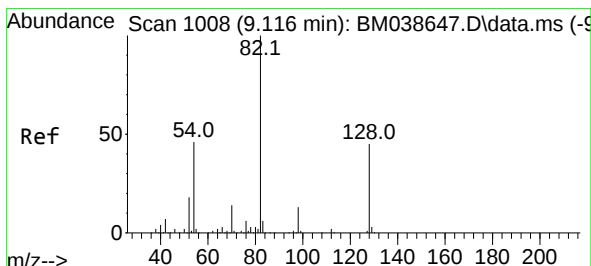
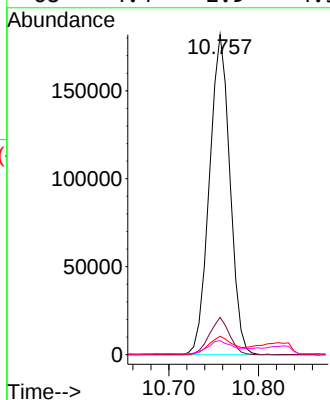
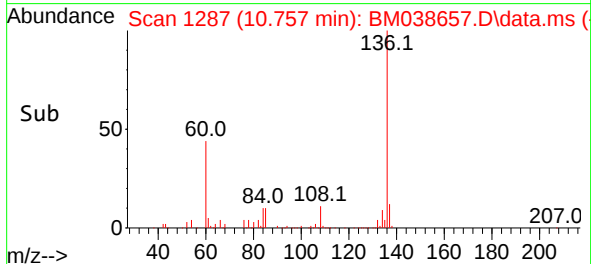
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL



Tgt Ion:136 Resp: 290112
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.7 4.2 6.4
68 4.4 2.9 4.3#

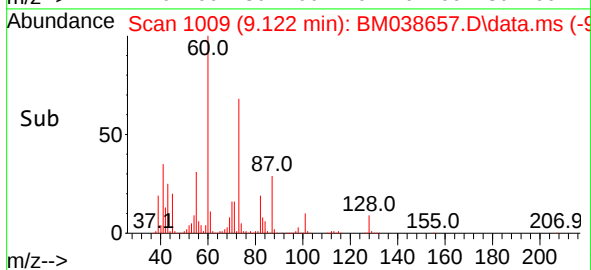
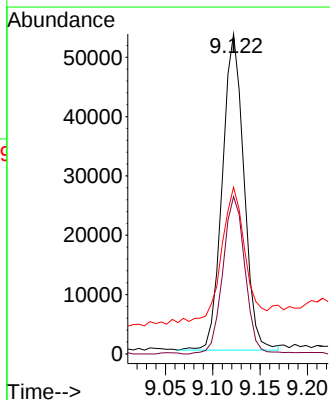
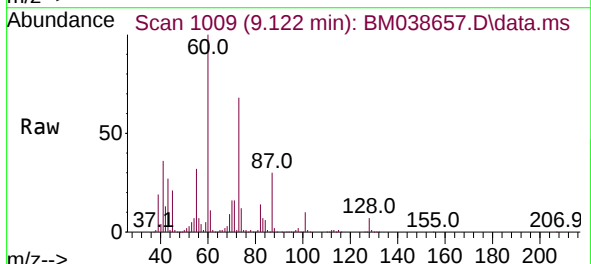
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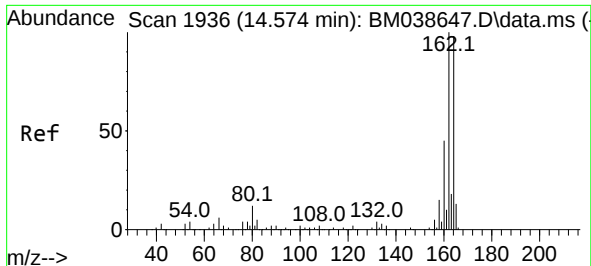
Reviewed By :Christian Giraldo 02/02/2023
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#23
Nitrobenzene-d5
Concen: 16.550 ng
RT: 9.122 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

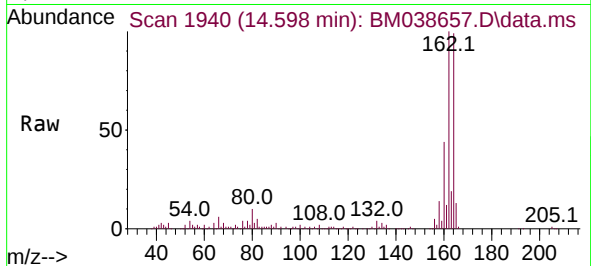
Tgt Ion: 82 Resp: 84529
Ion Ratio Lower Upper
82 100
128 49.1 36.0 54.0
54 52.1 36.8 55.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1936
Delta R.T. 0.024 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

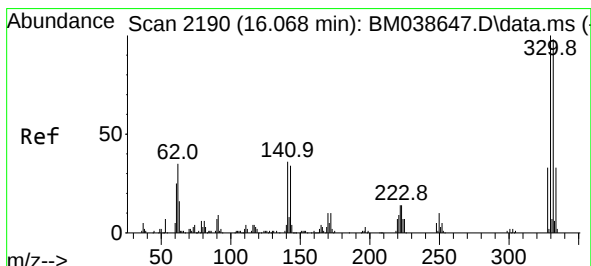
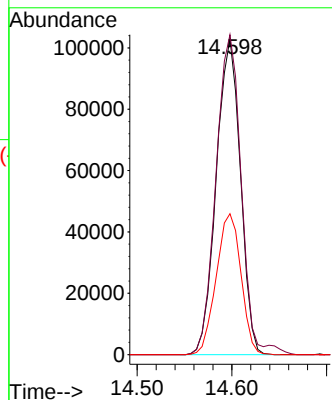
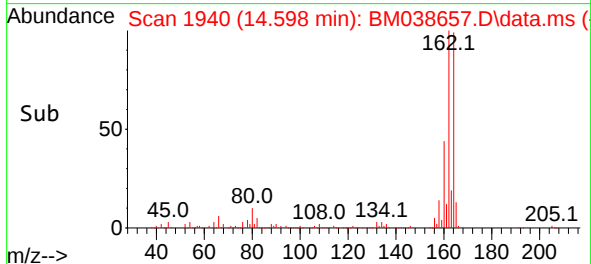
Instrument :
BNA_M
ClientSampleId :
EFF-WWDL



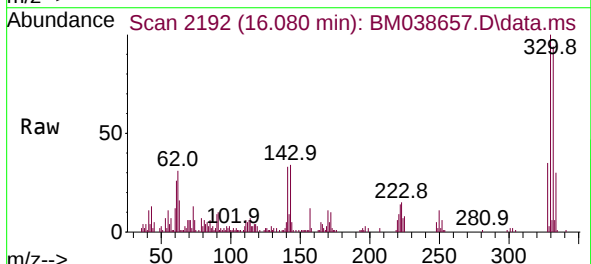
Tgt Ion:164 Resp: 18191
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.6 36.5 54.7

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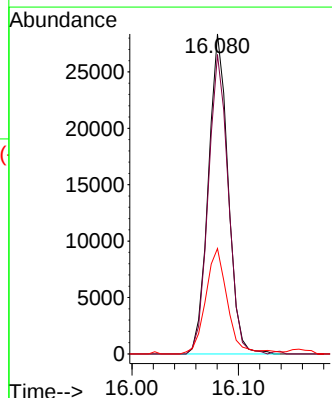
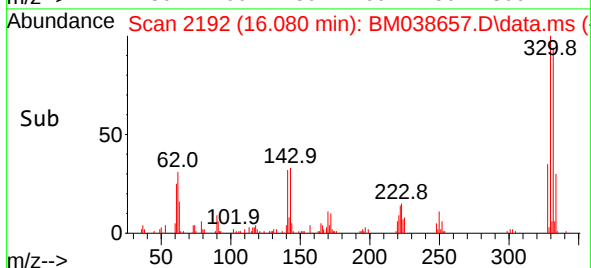
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023

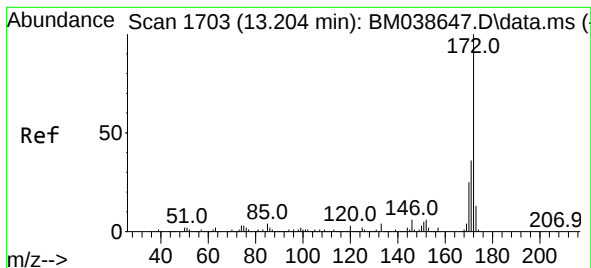


#42
2,4,6-Tribromophenol
Concen: 14.774 ng
RT: 16.080 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34



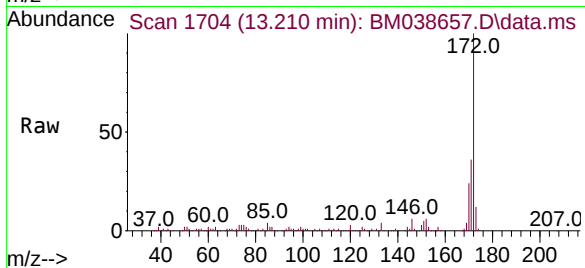
Tgt Ion:330 Resp: 36531
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.6
141 36.5 31.0 46.6





#45
2-Fluorobiphenyl
Concen: 14.935 ng
RT: 13.210 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

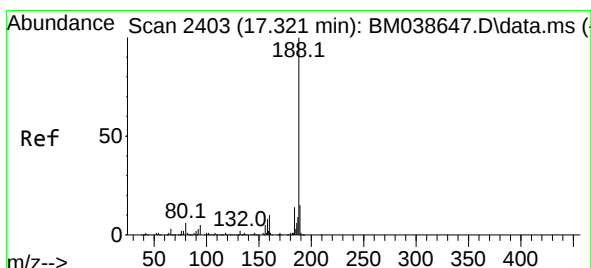
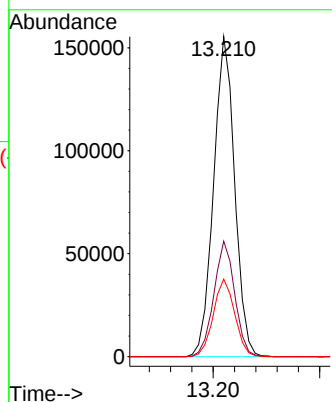
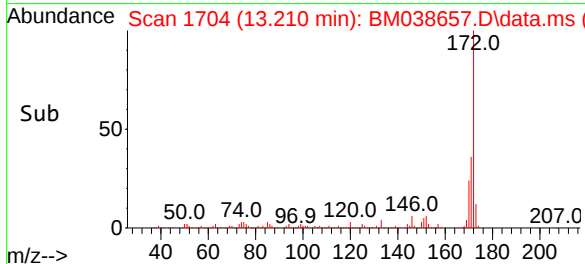
Instrument :
BNA_M
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EFF-WWDL



Tgt Ion:172 Resp: 213405
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.2 20.0 30.0

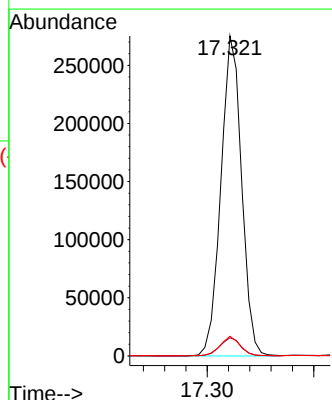
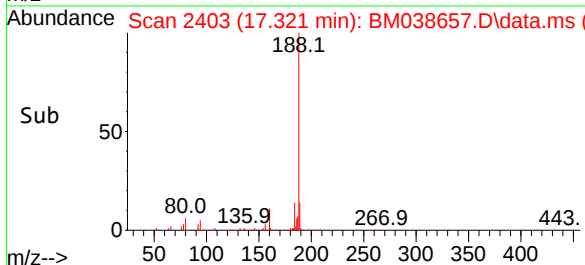
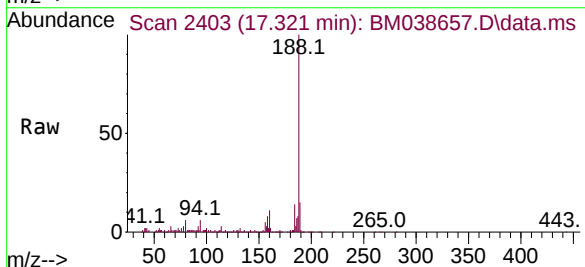
Manual Integrations
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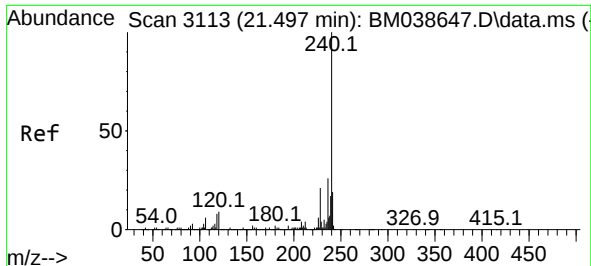
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

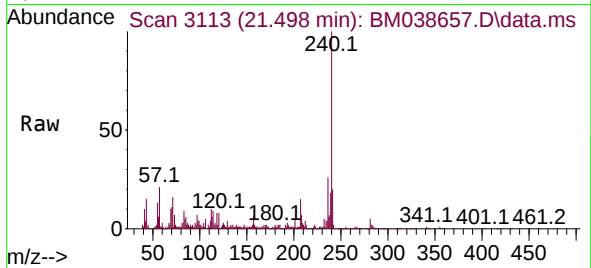
Tgt Ion:188 Resp: 371818
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.4
80 6.1 4.6 7.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

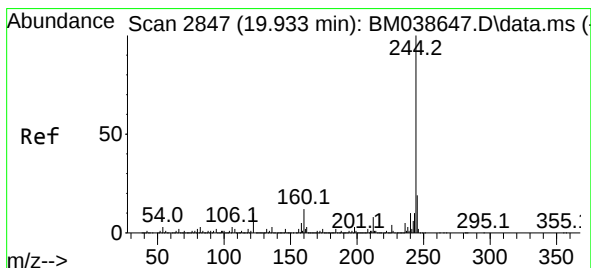
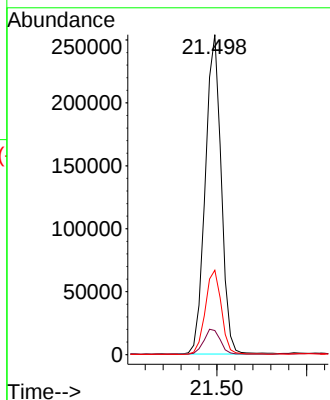
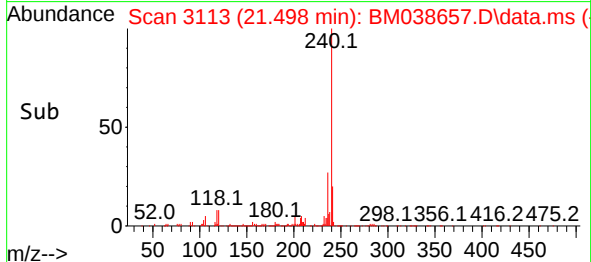
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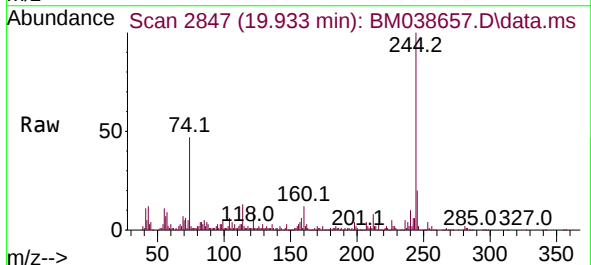
Tgt Ion:240 Resp: 314037
Ion Ratio Lower Upper
240 100
120 7.5 7.0 10.4
236 26.4 20.9 31.3

Manual Integrations
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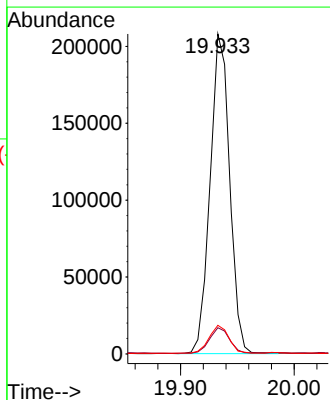
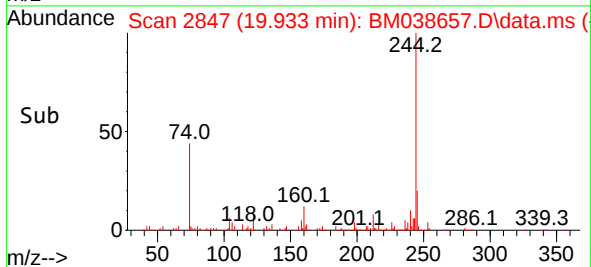
Reviewed By :Christian Giraldo 02/02/2023
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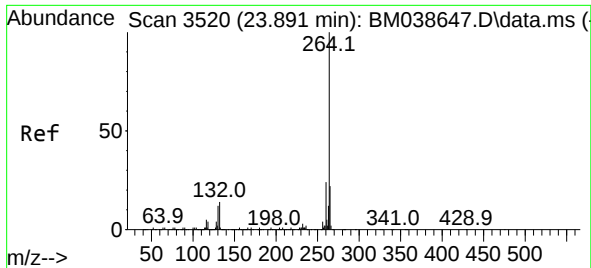


#79
Terphenyl-d14
Concen: 13.975 ng
RT: 19.933 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34



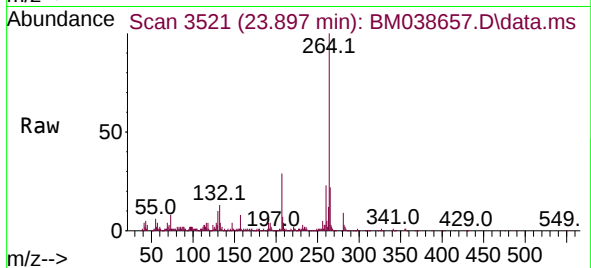
Tgt Ion:244 Resp: 248688
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 9.0 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM038657.D
Acq: 02 Feb 2023 00:34

Instrument :
BNA_M
ClientSampleId :
EFF-WWDL



Tgt Ion:264 Resp: 362450
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 22.1 17.9 26.9

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