

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054838.D
 Acq On : 2 Sep 2022 13:27
 Operator : CG/JU
 Sample : N4376-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-39DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 00:26:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	35514	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	147557	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	105714	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	263701	20.000	ng	0.00
76) Chrysene-d12	21.822	240	264564	20.000	ng	0.00
86) Perylene-d12	25.194	264	278859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	23843	11.691	ng	0.00
7) Phenol-d6	7.298	99	19244	6.900	ng	0.00
23) Nitrobenzene-d5	9.319	82	46062	16.388	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	40438	30.612	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	124705	17.730	ng	0.00
79) Terphenyl-d14	20.124	244	228484	17.112	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.029	128	406926	51.401	ng	100
37) 2-Methylnaphthalene	12.621	142	142016	25.594	ng	100
38) 1-Methylnaphthalene	12.838	142	102942m	19.069	ng	

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

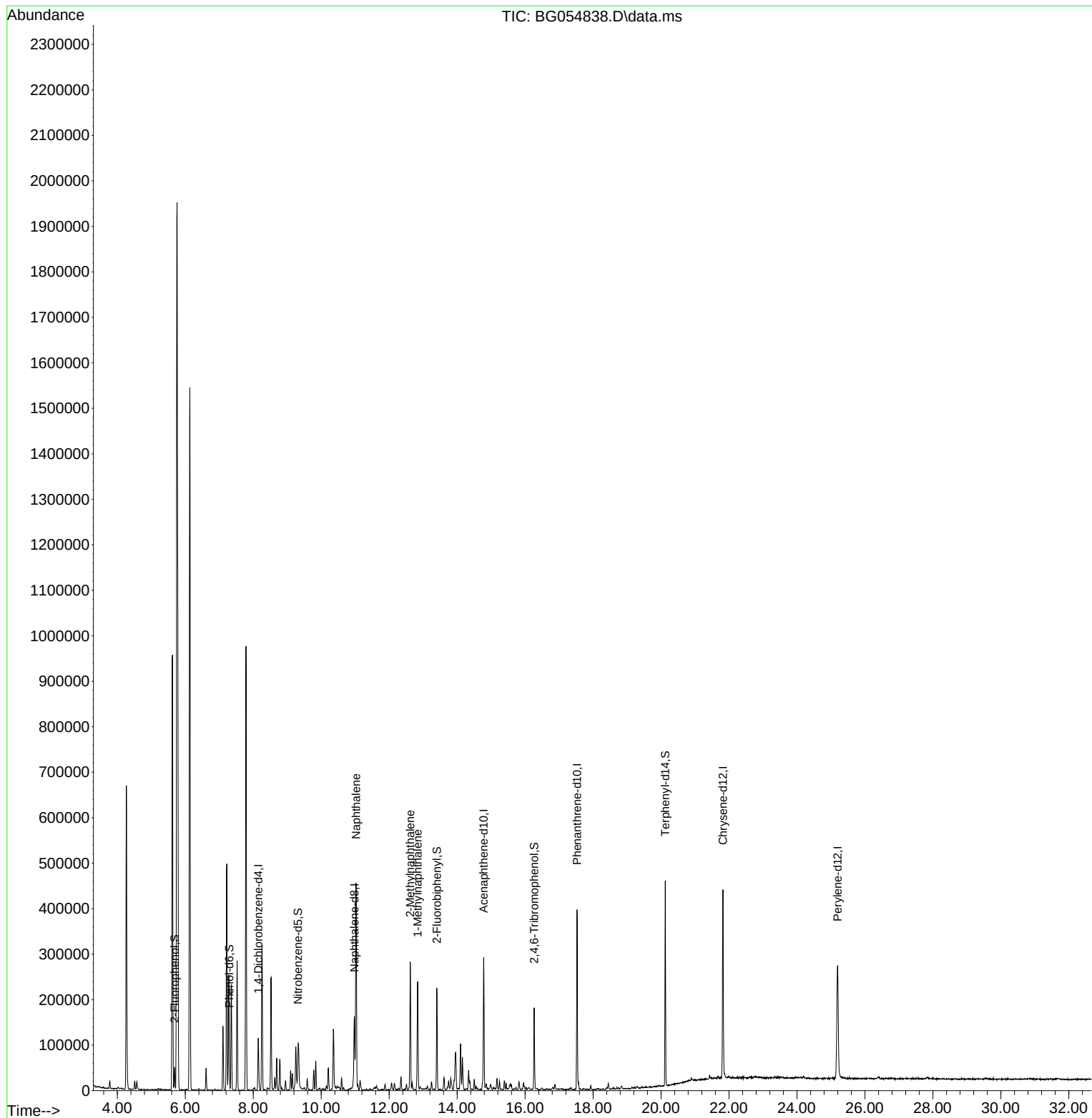
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054838.D
Acq On : 2 Sep 2022 13:27
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

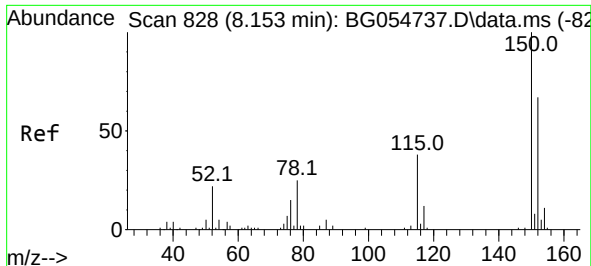
Instrument :
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Quant Time: Sep 03 00:26:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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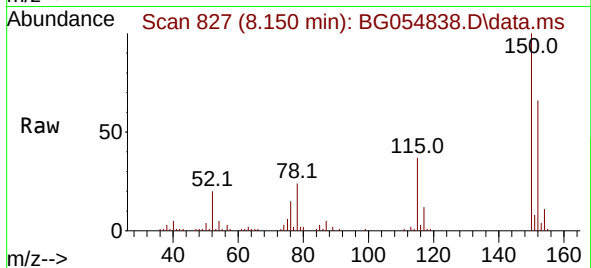
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

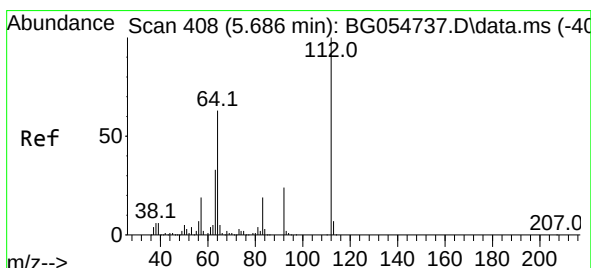
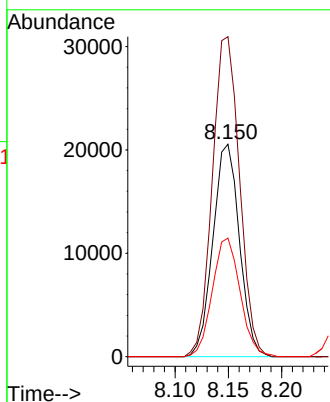
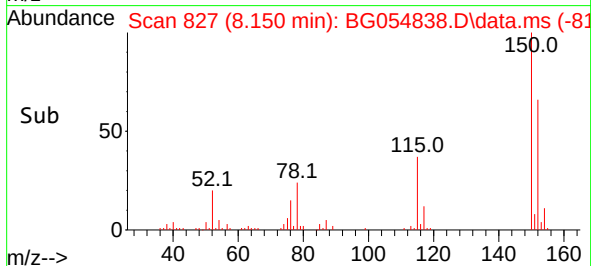
Instrument :
BNA_G
ClientSampleId :
MW-39DL



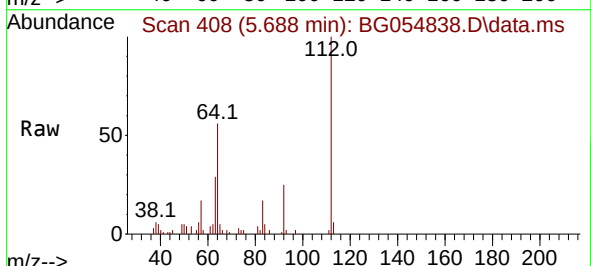
Tgt Ion:152 Resp: 35514
Ion Ratio Lower Upper
152 100
150 150.6 125.2 187.8
115 55.8 47.9 71.9

Manual Integrations
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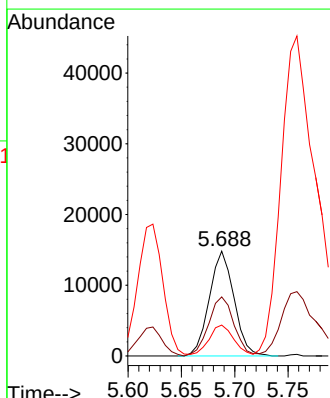
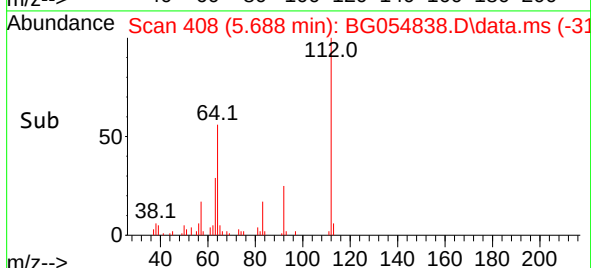
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

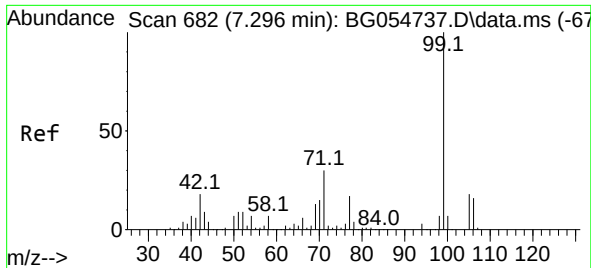


#5
2-Fluorophenol
Concen: 11.691 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27



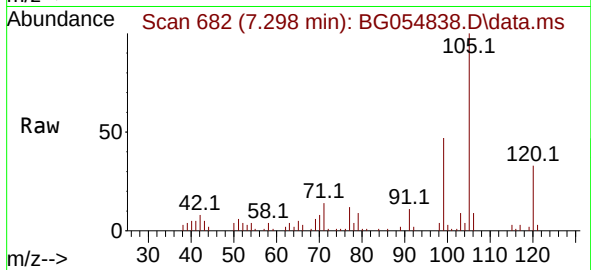
Tgt Ion:112 Resp: 23843
Ion Ratio Lower Upper
112 100
64 56.3 49.3 73.9
63 29.5 26.3 39.5





#7
Phenol-d6
Concen: 6.900 ng
RT: 7.298 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

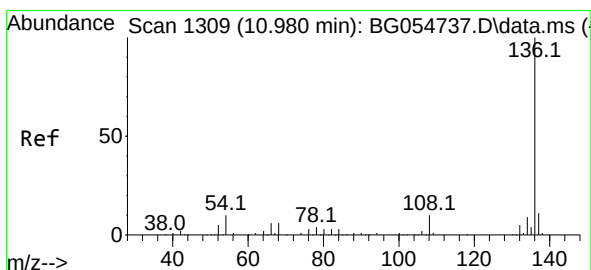
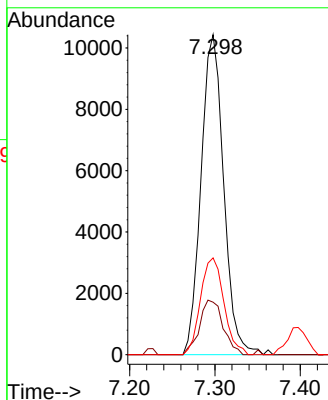
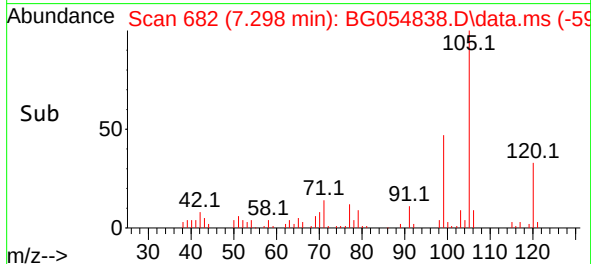
Instrument :
BNA_G
ClientSampleId :
MW-39DL



Tgt Ion: 99 Resp: 19244
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 30.2 24.6 37.0

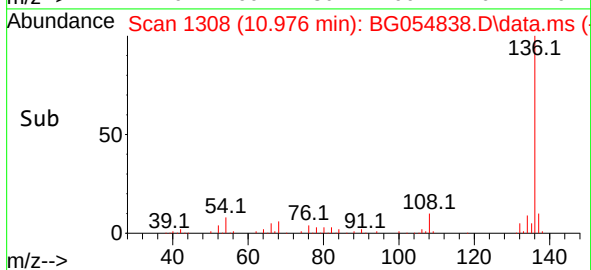
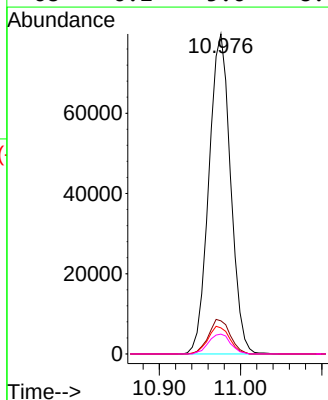
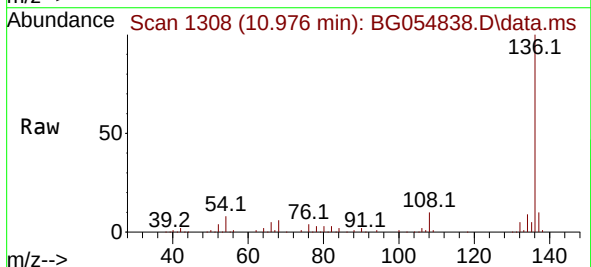
Manual Integrations
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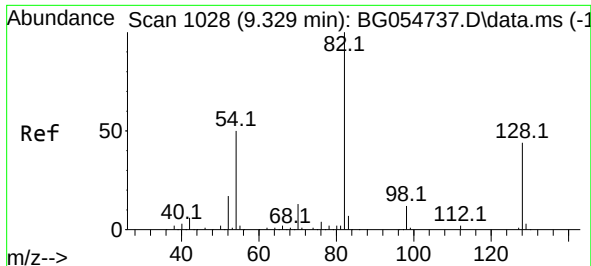
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

Tgt Ion:136 Resp: 147557
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.1 7.7 11.5
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 16.388 ng

RT: 9.319 min Scan# 1026

Delta R.T. -0.010 min

Lab File: BG054838.D

Acq: 2 Sep 2022 13:27

Instrument :

BNA_G

ClientSampleId :

MW-39DL

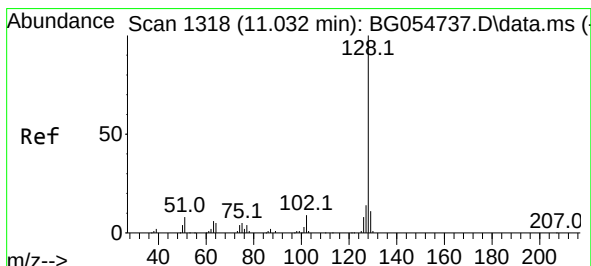
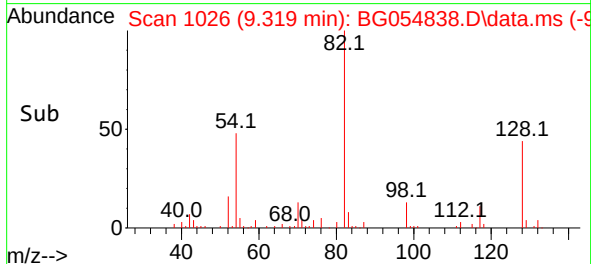
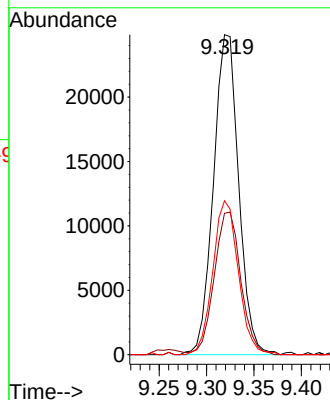
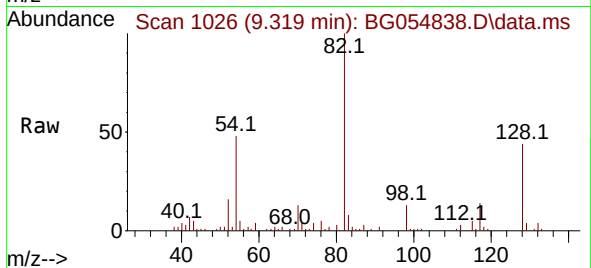
Tgt Ion: 82	Resp: 46062
Ion Ratio	Lower Upper
82	100
128	44.2 32.2 48.2
54	48.1 41.4 62.0

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#31

Naphthalene

Concen: 51.401 ng

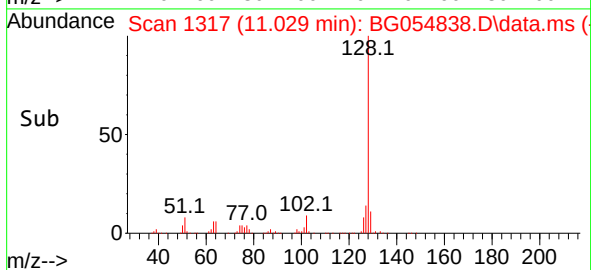
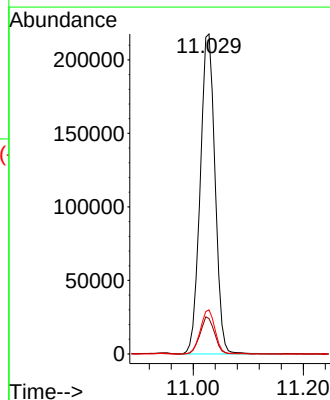
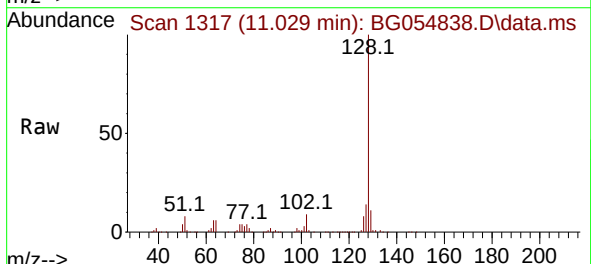
RT: 11.029 min Scan# 1317

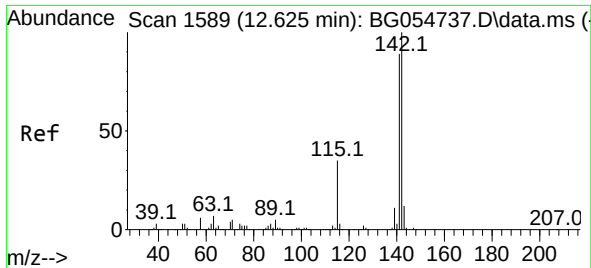
Delta R.T. -0.004 min

Lab File: BG054838.D

Acq: 2 Sep 2022 13:27

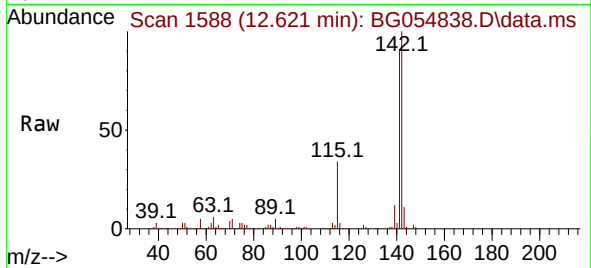
Tgt Ion:128	Resp: 406926
Ion Ratio	Lower Upper
128	100
129	11.0 9.0 13.4
127	13.8 11.1 16.7





#37
2-Methylnaphthalene
Concen: 25.594 ng
RT: 12.621 min Scan# 1589
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

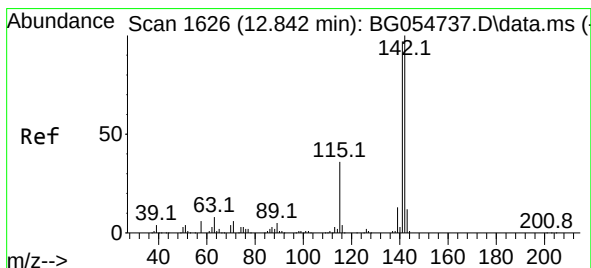
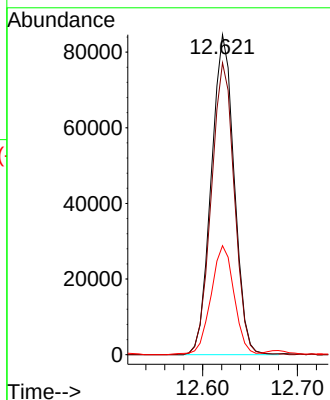
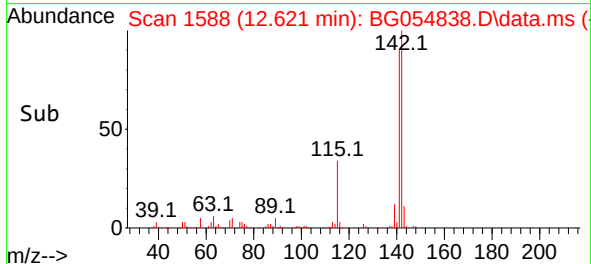
Instrument :
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ClientSampleId :
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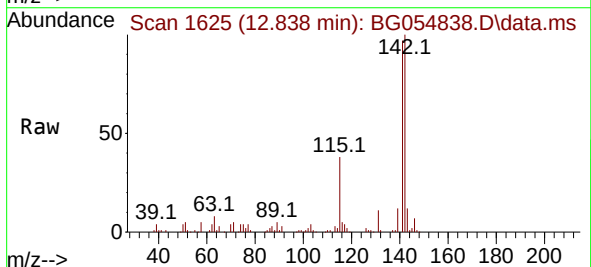
Tgt Ion:142 Resp: 142010
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
115 34.1 27.3 40.9

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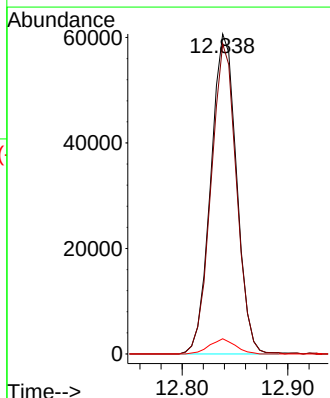
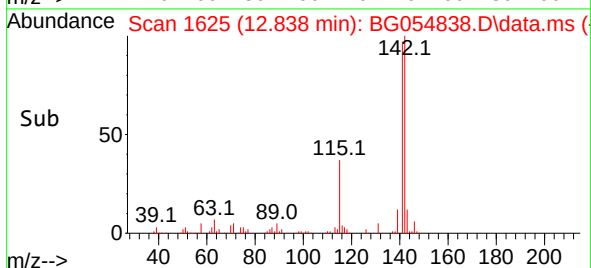
Reviewed By :Christian Giraldo 09/06/2022
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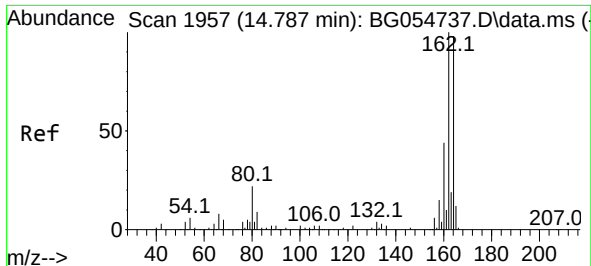


#38
1-Methylnaphthalene
Concen: 19.069 ng m
RT: 12.838 min Scan# 1625
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27



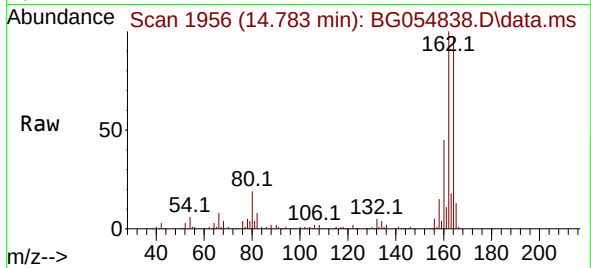
Tgt Ion:142 Resp: 102942
Ion Ratio Lower Upper
142 100
141 96.9 77.4 116.0
116 4.7 3.0 4.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

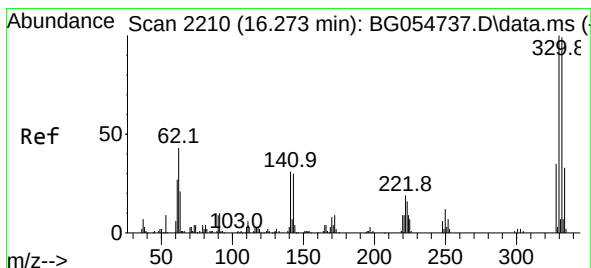
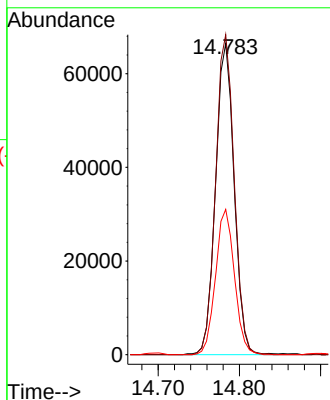
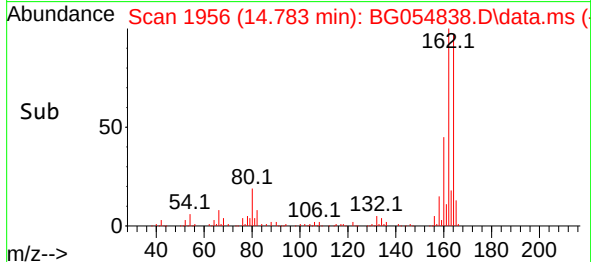
Instrument :
BNA_G
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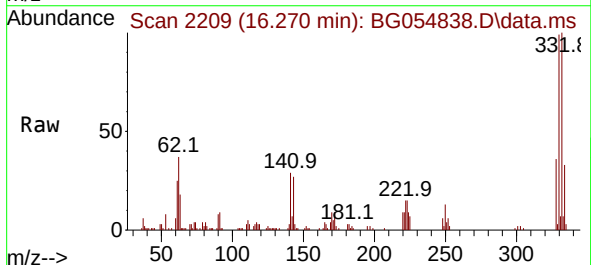
Tgt Ion:164 Resp: 105714
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 46.7 38.0 57.0

Manual Integrations
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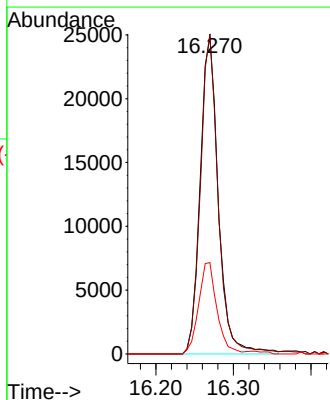
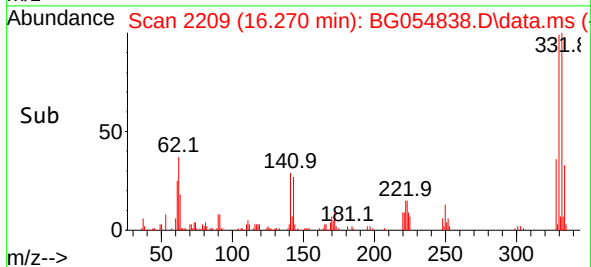
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

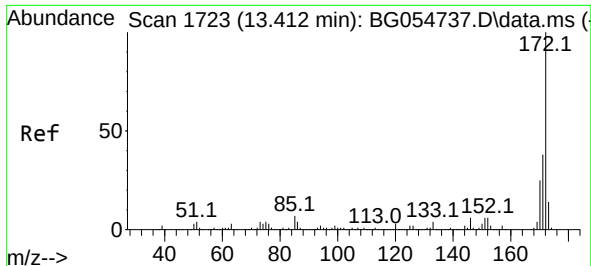


#42
2,4,6-Tribromophenol
Concen: 30.612 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27



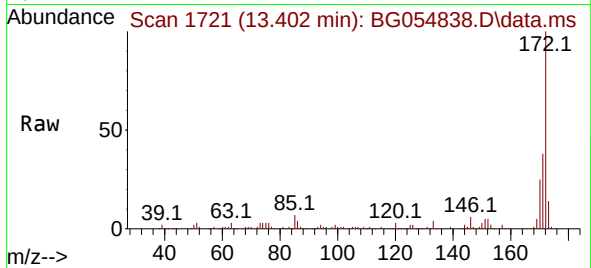
Tgt Ion:330 Resp: 40438
Ion Ratio Lower Upper
330 100
332 99.1 79.8 119.6
141 29.2 26.8 40.2





#45
2-Fluorobiphenyl
Concen: 17.730 ng
RT: 13.402 min Scan# 1721
Delta R.T. -0.010 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

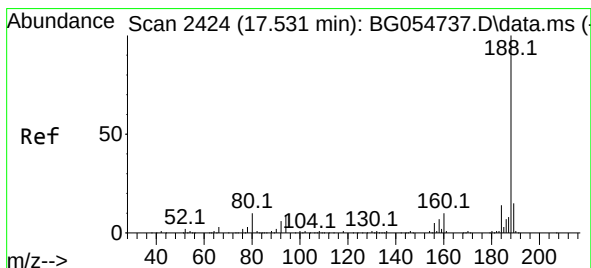
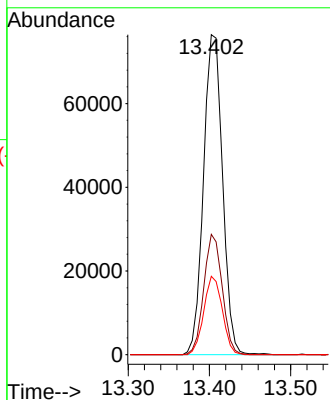
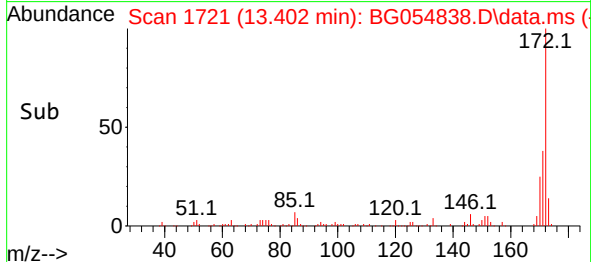
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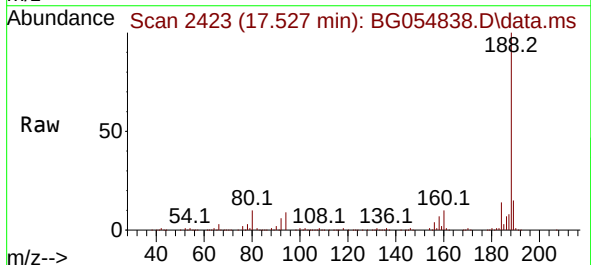
Tgt Ion:172 Resp: 12470
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 24.5 20.6 30.8

Manual Integrations
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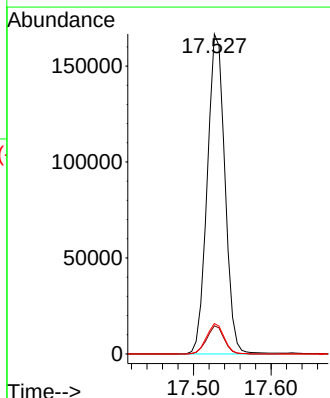
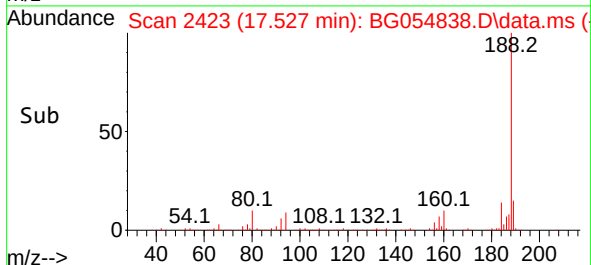
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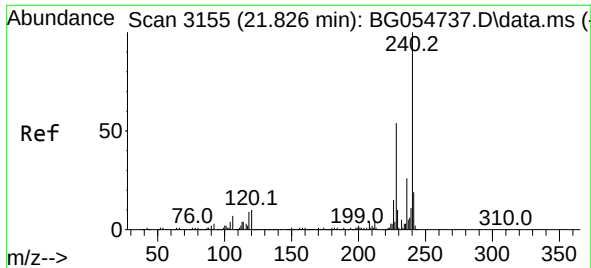


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27



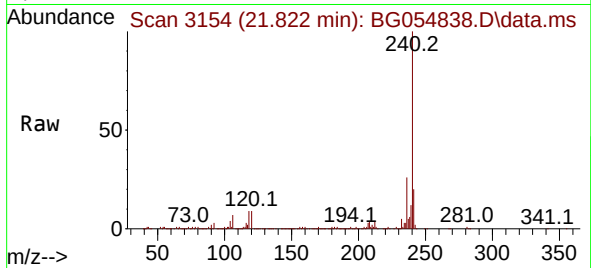
Tgt Ion:188 Resp: 263701
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 7.9 11.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27

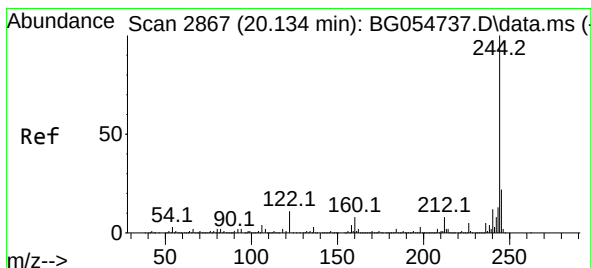
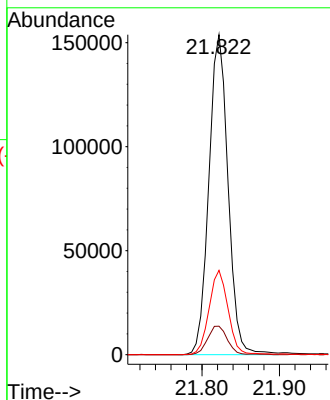
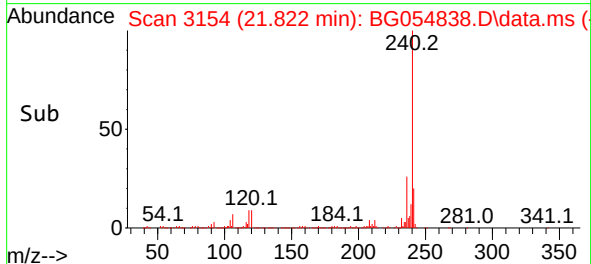
Instrument :
BNA_G
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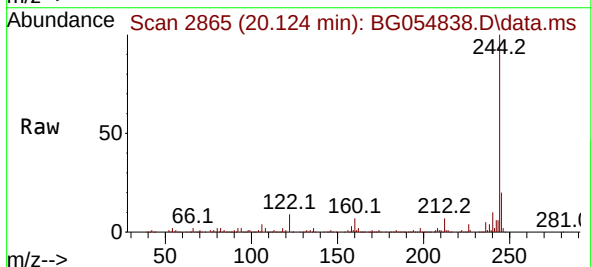
Tgt Ion:240 Resp: 264564
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.3 21.2 31.8

Manual Integrations
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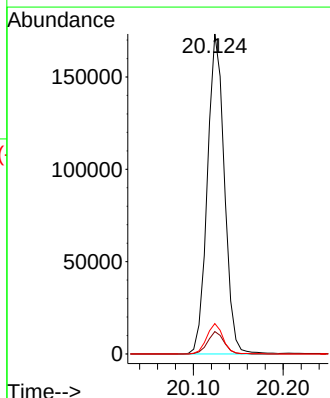
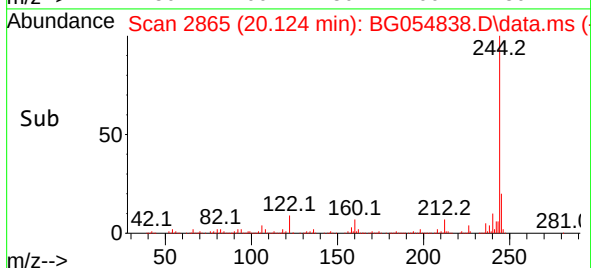
Reviewed By :Christian Giraldo 09/06/2022
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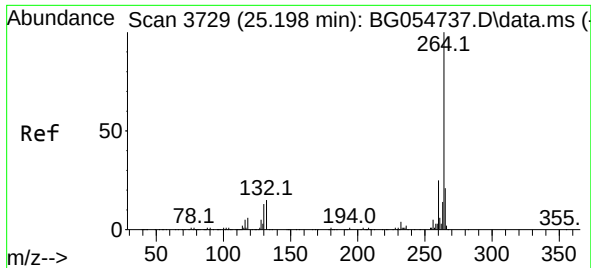


#79
Terphenyl-d14
Concen: 17.112 ng
RT: 20.124 min Scan# 2865
Delta R.T. -0.010 min
Lab File: BG054838.D
Acq: 2 Sep 2022 13:27



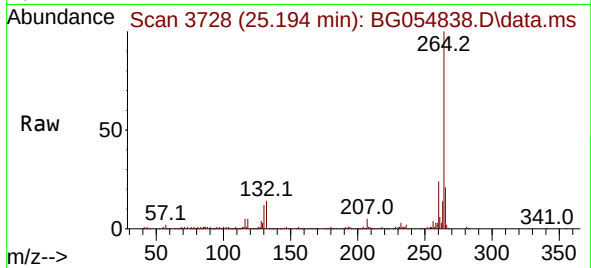
Tgt Ion:244 Resp: 228484
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 9.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.194 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG054838.D
 Acq: 2 Sep 2022 13:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-39DL



Tgt Ion:264 Resp: 278859
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.0 16.9 25.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

