

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053015.D
 Acq On : 4 Apr 2022 19:42
 Operator : CG/JU
 Sample : N2207-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-098-21-01

Quant Time: Apr 05 01:07:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/05/2022
 Supervised By : Jagrut Upadhyay 04/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	36163	20.000	ng	-0.02
21) Naphthalene-d8	10.939	136	137762	20.000	ng	-0.02
39) Acenaphthene-d10	14.746	164	98216	20.000	ng	-0.02
64) Phenanthrene-d10	17.489	188	215960	20.000	ng	-0.01
76) Chrysene-d12	21.772	240	236809	20.000	ng	-0.03
86) Perylene-d12	25.073	264	247675	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	140773	67.792	ng	0.00
7) Phenol-d6	7.274	99	123152	39.338	ng	-0.01
23) Nitrobenzene-d5	9.289	82	320942	116.927	ng	-0.01
42) 2,4,6-Tribromophenol	16.232	330	209523	158.758	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	653970	98.203	ng	-0.02
79) Terphenyl-d14	20.092	244	1236180	92.859	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.164	122	11641m	12.758	ng	

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

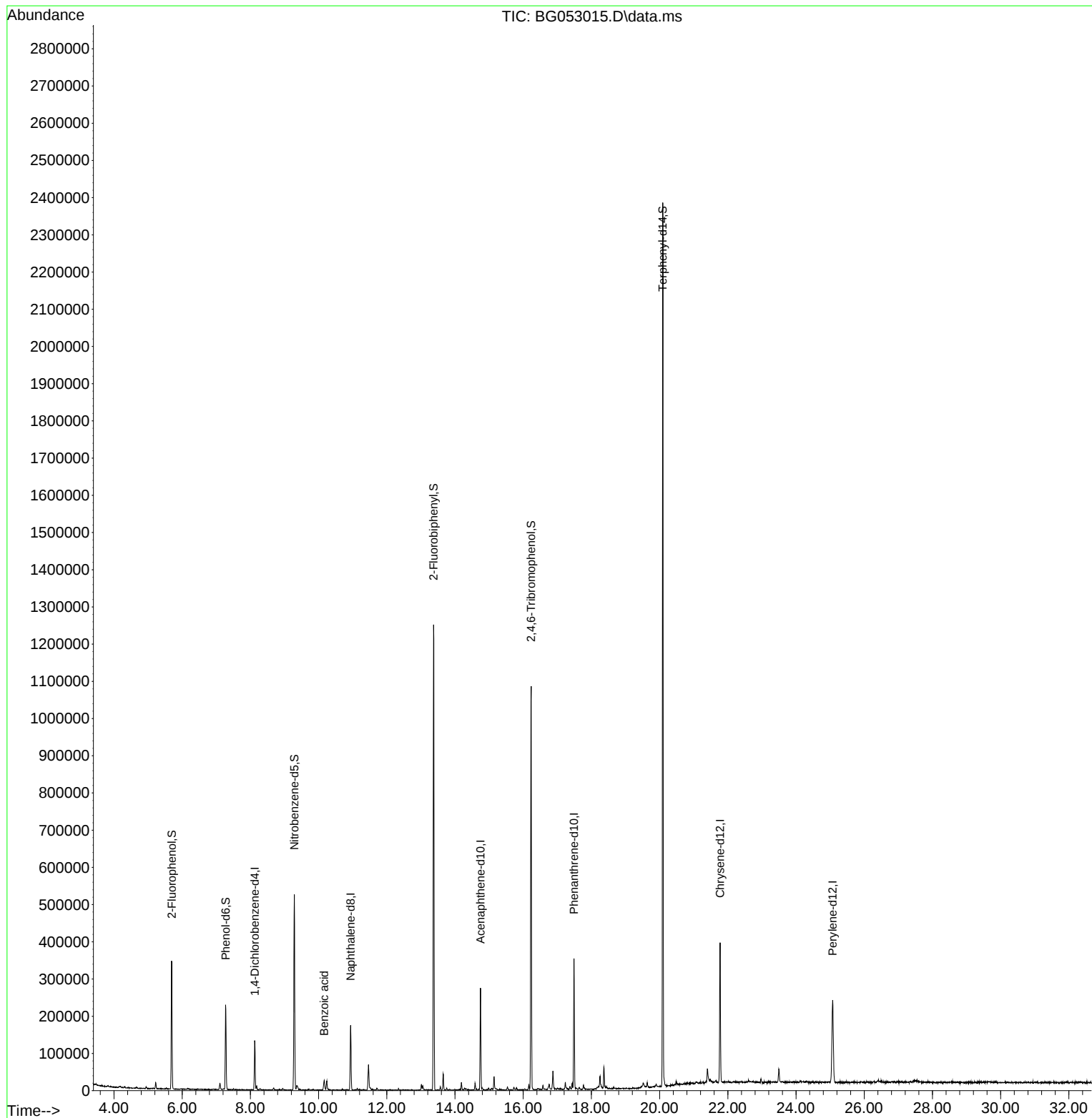
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Data File : BG053015.D
Acq On : 4 Apr 2022 19:42
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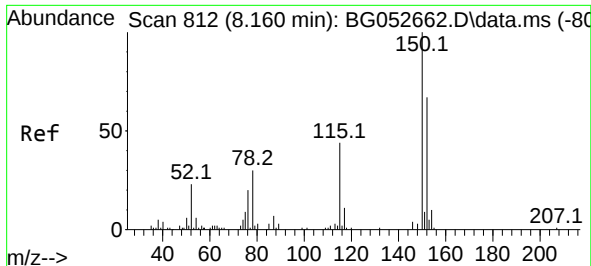
Instrument :
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ClientSampleId :
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Quant Time: Apr 05 01:07:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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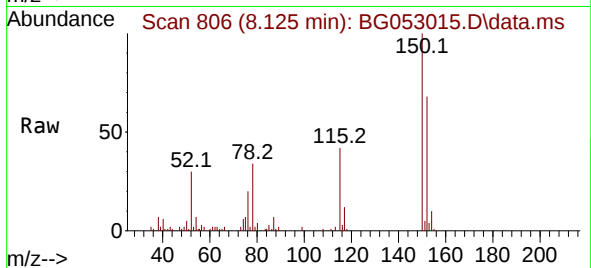
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

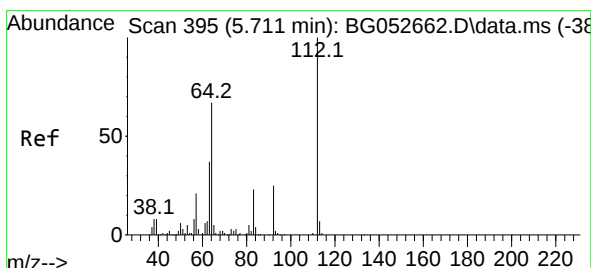
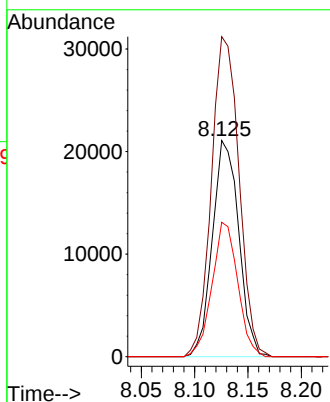
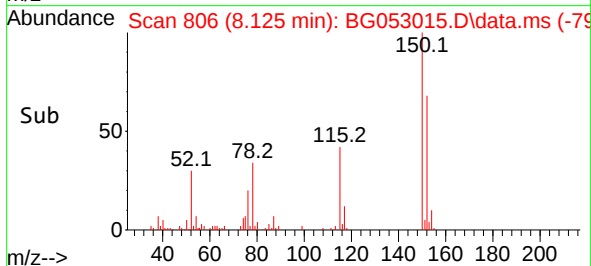
Instrument : BNA_G
ClientSampleId : SPLP-LEACHATE-AMENDED-098-21-01



Tgt Ion:152 Resp: 3616
Ion Ratio Lower Upper
152 100
150 148.0 114.6 172.0
115 62.2 45.9 68.9

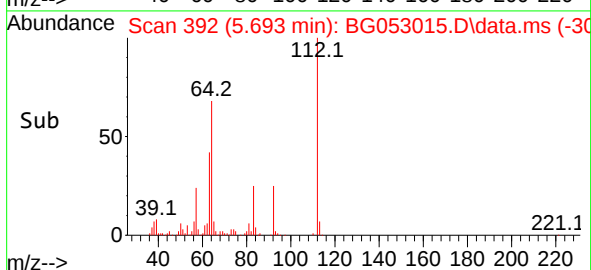
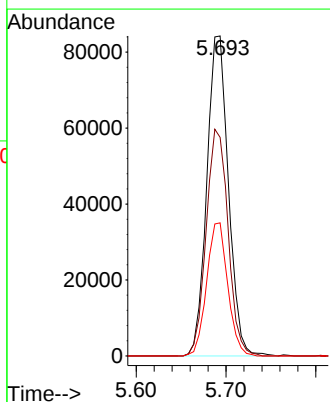
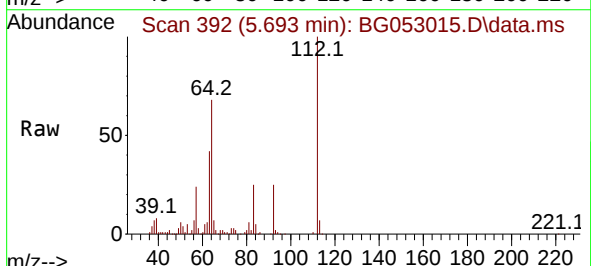
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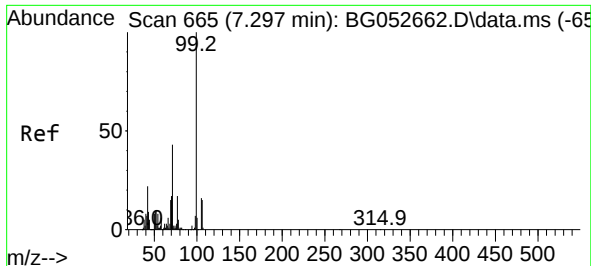
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#5
2-Fluorophenol
Concen: 67.792 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.003 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

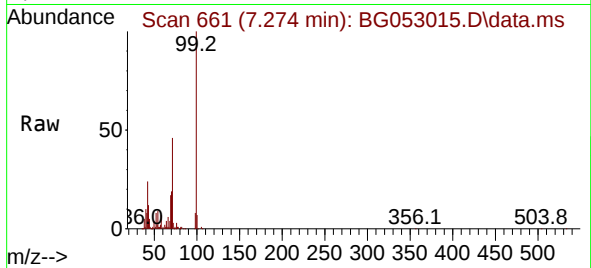
Tgt Ion:112 Resp: 140773
Ion Ratio Lower Upper
112 100
64 68.3 48.0 72.0
63 41.6 26.5 39.7





#7
Phenol-d6
Concen: 39.338 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

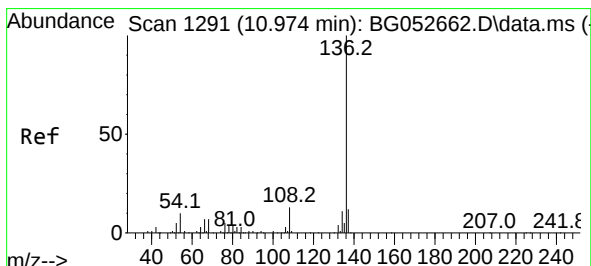
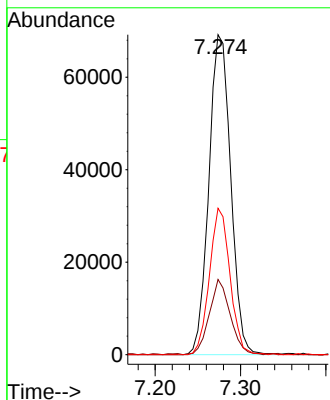
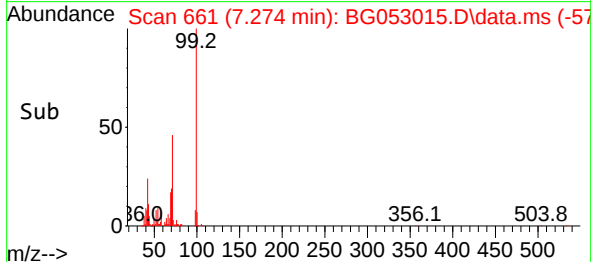
Instrument :
BNA_G
ClientSampleId :
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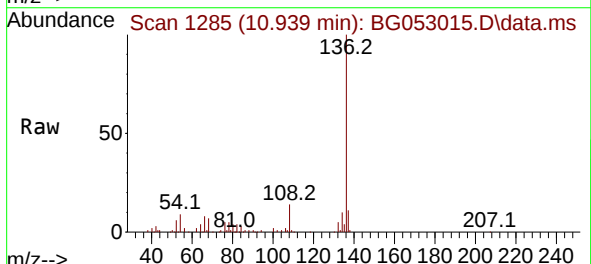
Tgt Ion: 99 Resp: 123152
Ion Ratio Lower Upper
99 100
42 23.5 14.7 22.1
71 45.7 29.2 43.8

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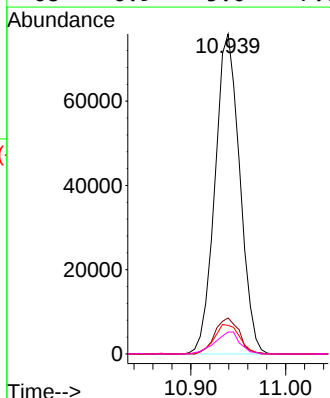
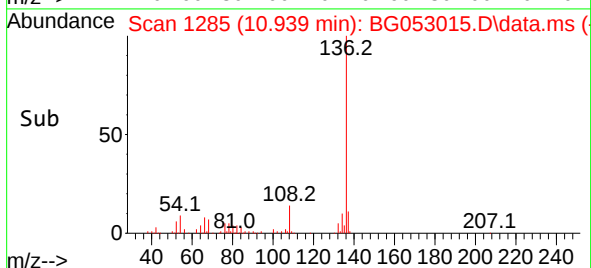
Reviewed By :Christian Giraldo 04/05/2022
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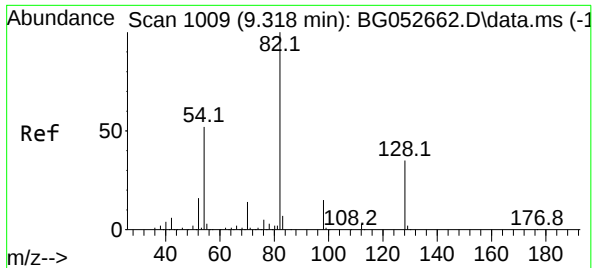


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1285
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42



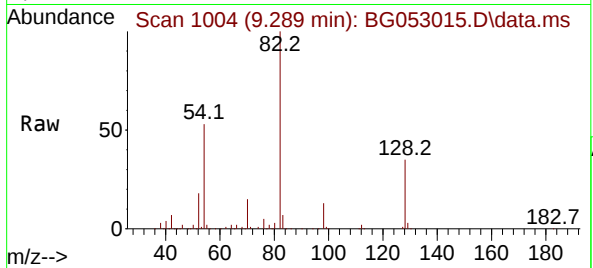
Tgt Ion:136 Resp: 137762
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 8.9 6.4 9.6
68 6.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 116.927 ng
RT: 9.289 min Scan# 1004
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

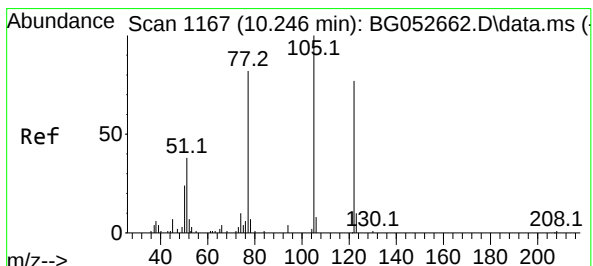
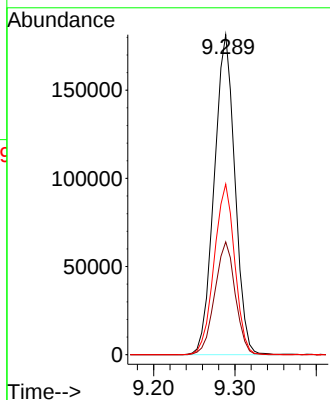
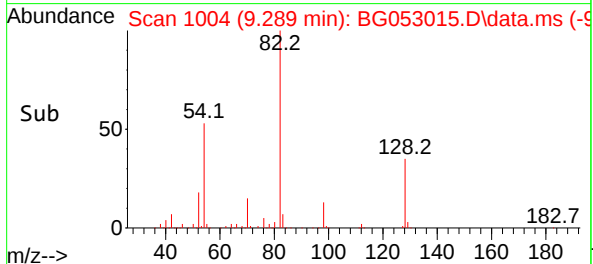
Instrument : BNA_G
ClientSampleId : SPLP-LEACHATE-AMENDED-098-21-01



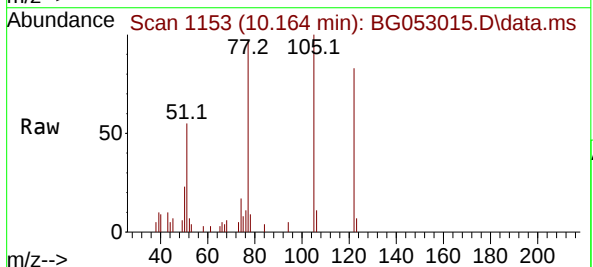
Tgt Ion: 82 Resp: 32094
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 53.3 37.8 56.8

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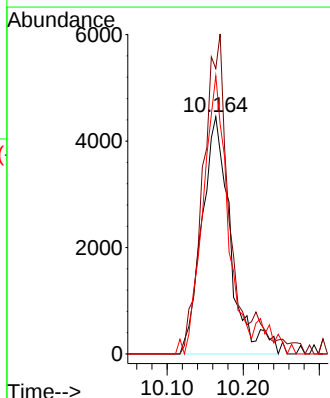
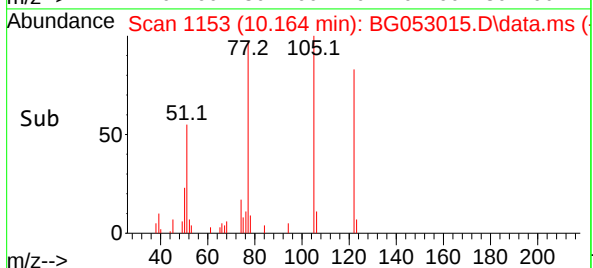
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

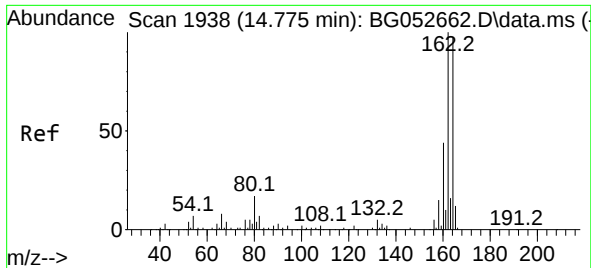


#32
Benzoic acid
Concen: 12.758 ng m
RT: 10.164 min Scan# 1153
Delta R.T. -0.074 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42



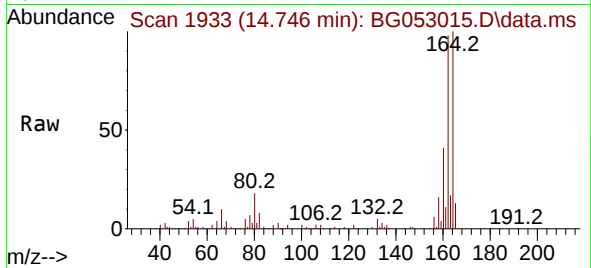
Tgt Ion:122 Resp: 11641
Ion Ratio Lower Upper
122 100
105 120.3 112.8 152.8
77 117.2 78.4 118.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1933
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

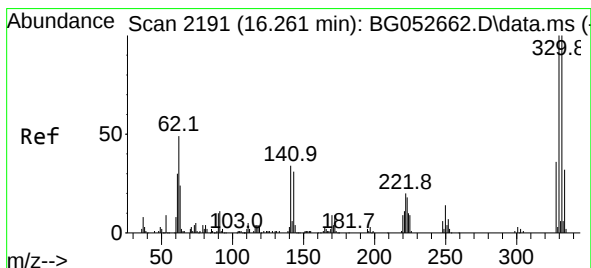
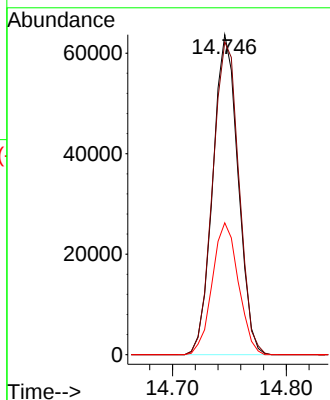
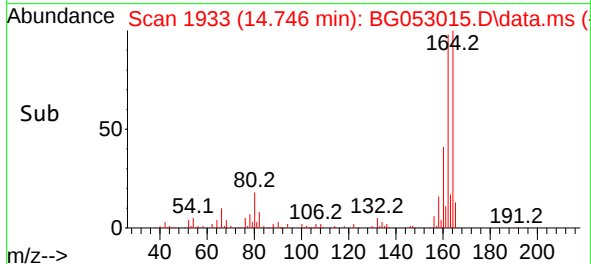
Instrument :
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ClientSampleId :
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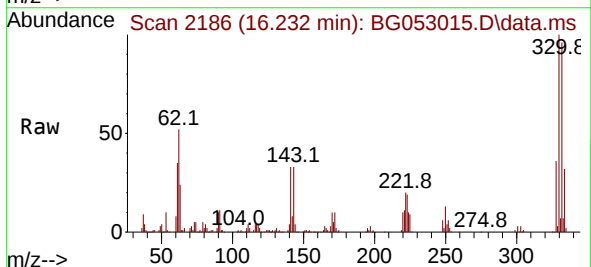
Tgt Ion:164 Resp: 98210
Ion Ratio Lower Upper
164 100
162 97.7 80.0 120.0
160 41.2 38.8 58.2

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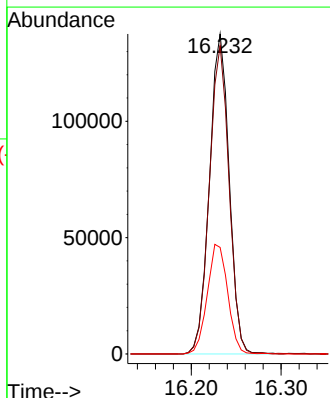
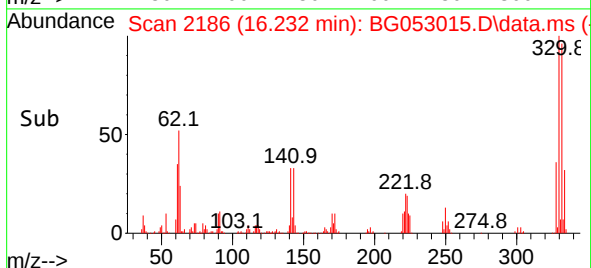
Reviewed By :Christian Giraldo 04/05/2022
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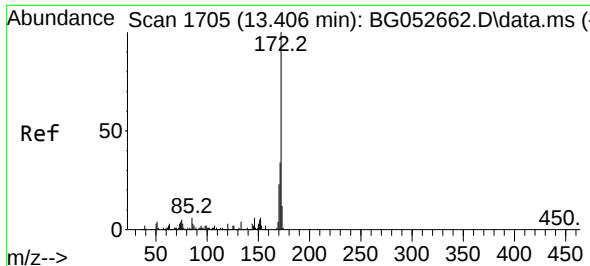


#42
2,4,6-Tribromophenol
Concen: 158.758 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42



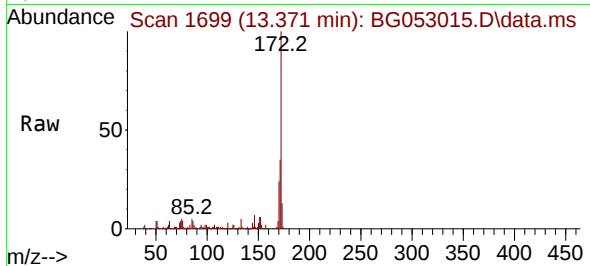
Tgt Ion:330 Resp: 209523
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 35.6 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 98.203 ng
RT: 13.371 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

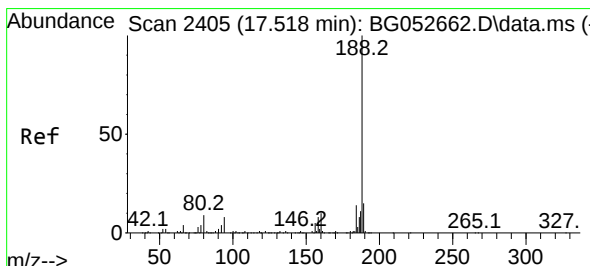
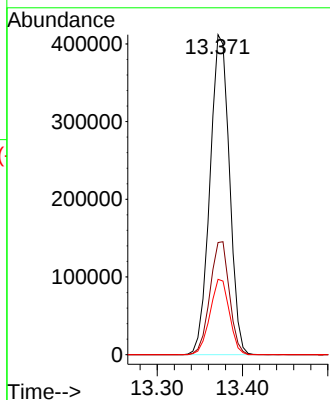
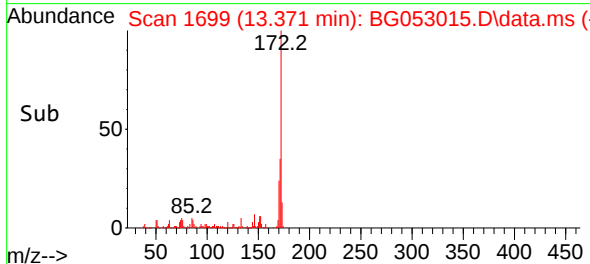
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SPLP-LEACHATE-AMENDED-098-21-01



Tgt Ion:172 Resp: 653970
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 18.0 27.0

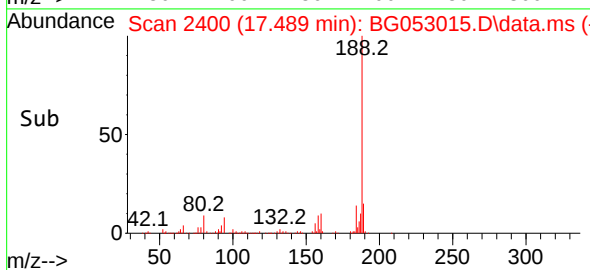
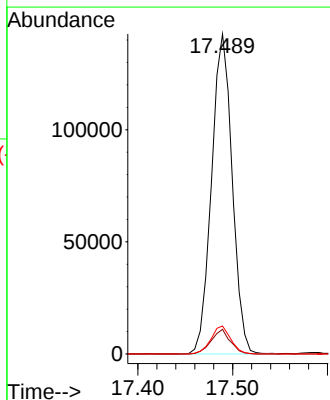
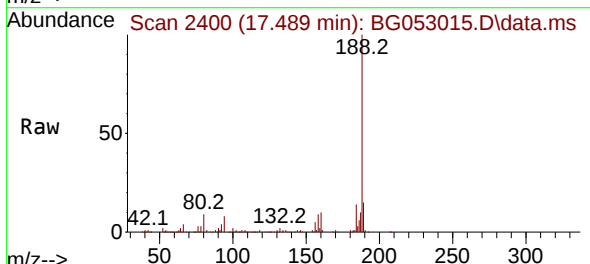
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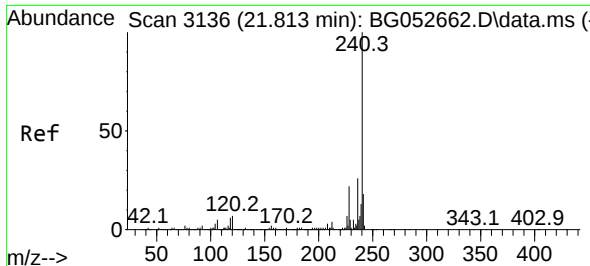
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

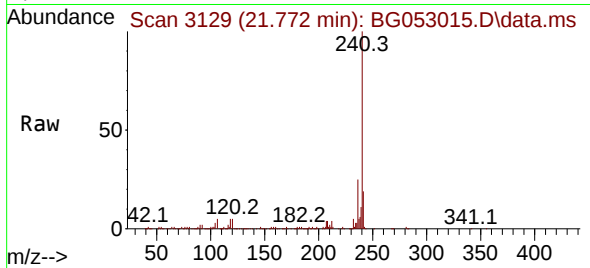
Tgt Ion:188 Resp: 215960
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.8 7.2 10.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.772 min Scan# 3136
Delta R.T. -0.027 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

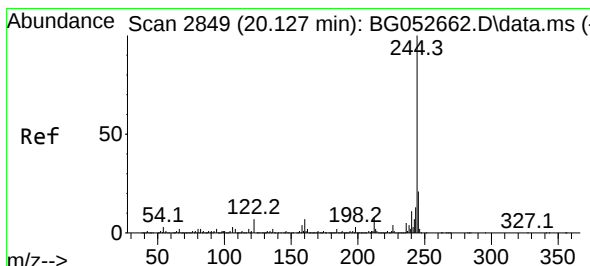
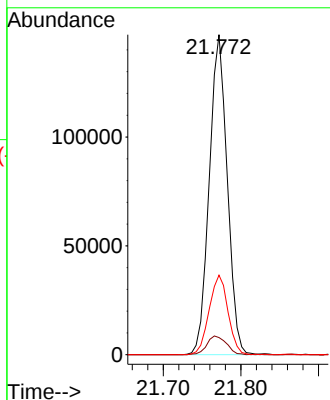
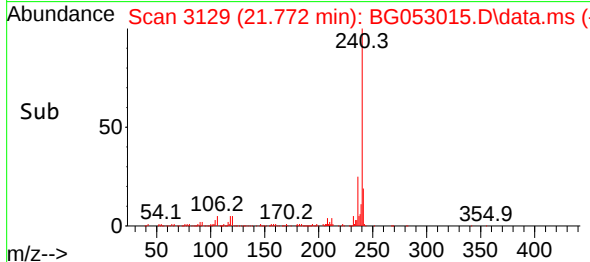
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Tgt Ion:240 Resp: 236809
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.9 19.8 29.6

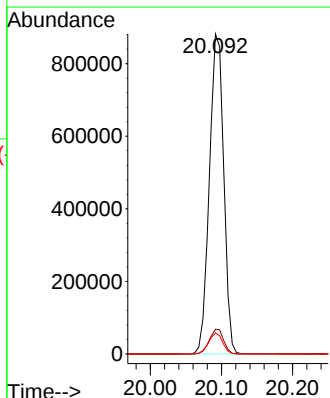
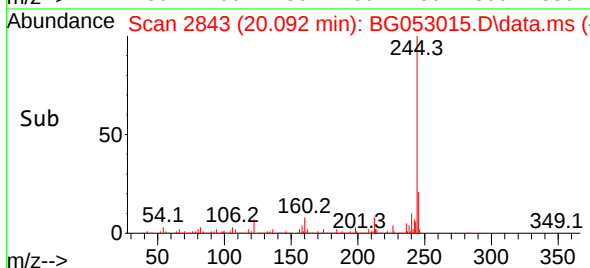
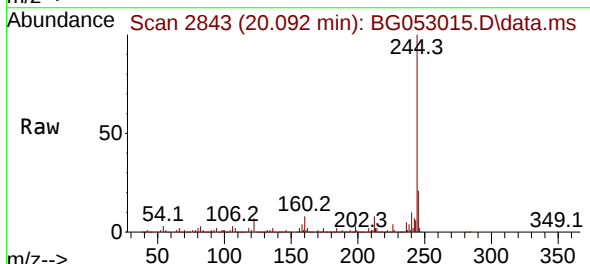
Manual Integrations
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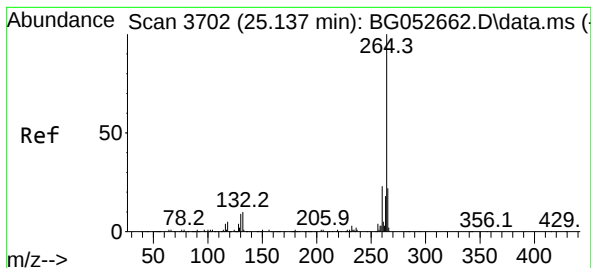
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#79
Terphenyl-d14
Concen: 92.859 ng
RT: 20.092 min Scan# 2843
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

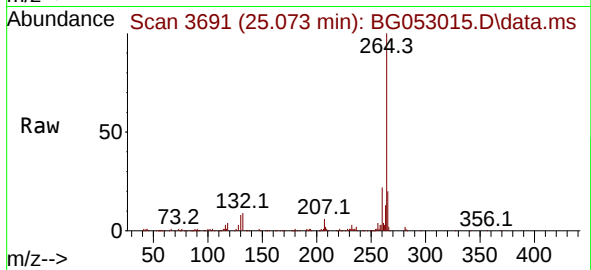
Tgt Ion:244 Resp: 1236180
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.6 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.073 min Scan# 30
 Delta R.T. -0.038 min
 Lab File: BG053015.D
 Acq: 4 Apr 2022 19:42

Instrument :
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 SPLP-LEACHATE-AMENDED-098-21-01



Tgt Ion:264 Resp: 247679
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 20.3 15.1 22.7

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