

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053010.D
 Acq On : 4 Apr 2022 16:29
 Operator : CG/JU
 Sample : N2207-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-01

Quant Time: Apr 05 01:07:05 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	8.128	152	36989	20.000	ng	#-0.02
21) Naphthalene-d8	10.942	136	140787	20.000	ng	-0.02
39) Acenaphthene-d10	14.748	164	98252	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	231903	20.000	ng	-0.02
76) Chrysene-d12	21.768	240	256686	20.000	ng	-0.03
86) Perylene-d12	25.070	264	260686	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	455m	0.214	ng	0.00
7) Phenol-d6	7.276	99	7732	2.415	ng	-0.01
23) Nitrobenzene-d5	9.285	82	275155	98.092	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	628	0.476	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	578367	86.818	ng	-0.02
79) Terphenyl-d14	20.094	244	1236319	85.678	ng	-0.02

Target Compounds	Qvalue

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

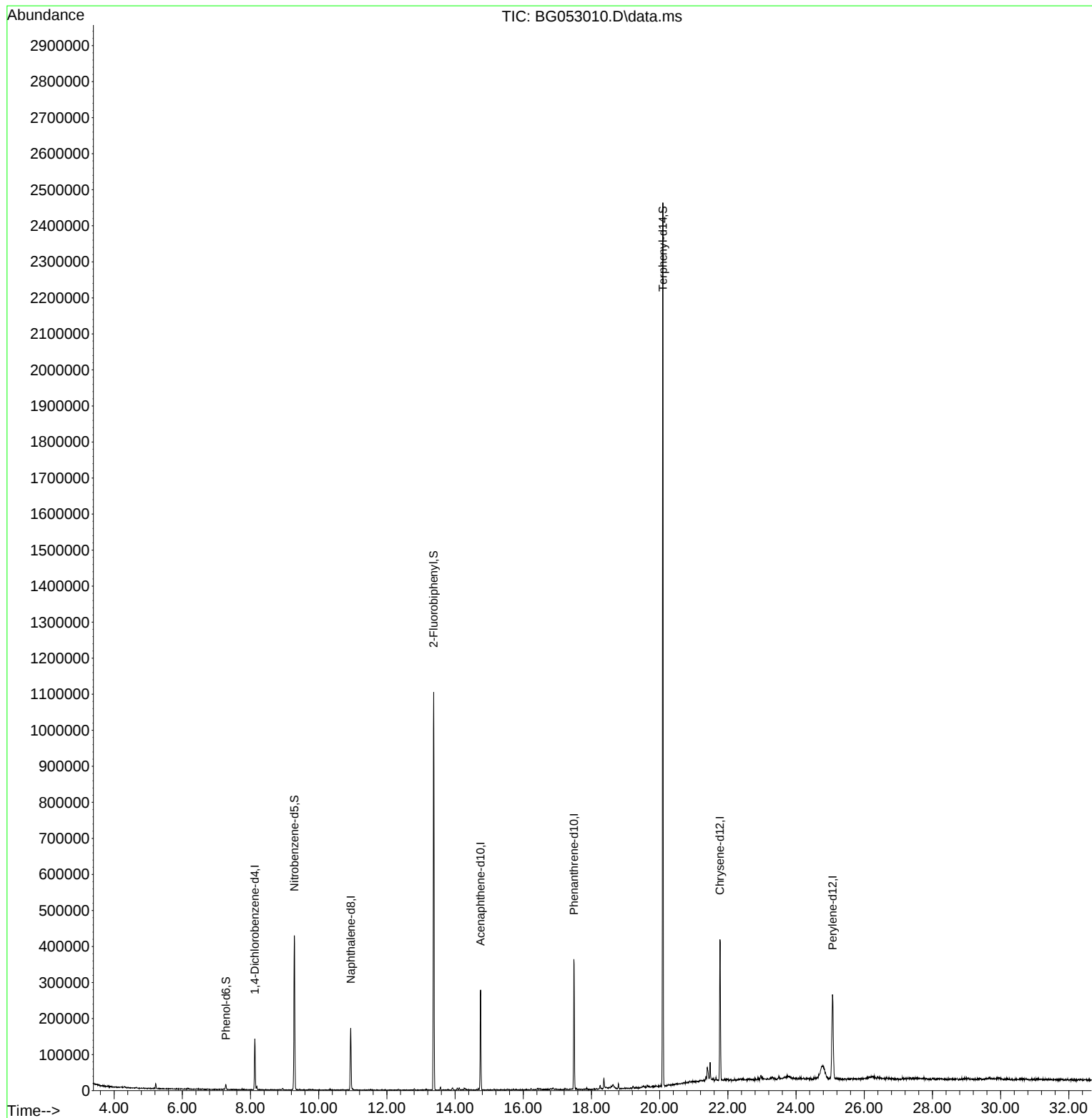
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053010.D
Acq On : 4 Apr 2022 16:29
Operator : CG/JU
Sample : N2207-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

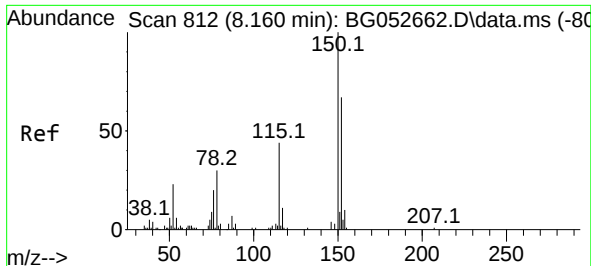
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01

Quant Time: Apr 05 01:07:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
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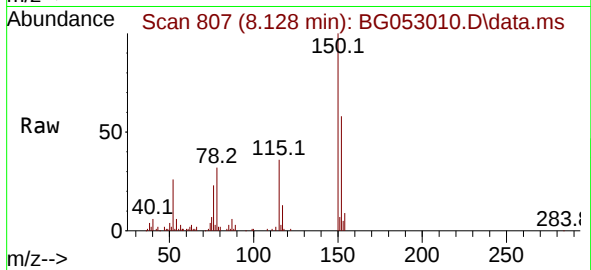
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

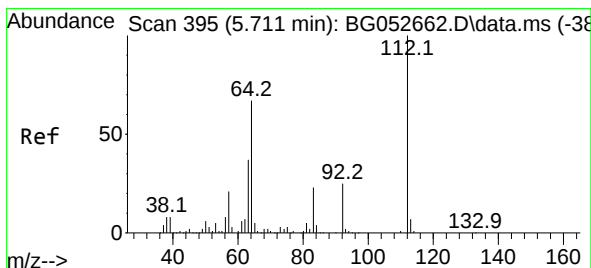
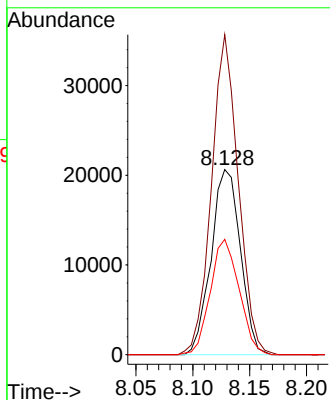
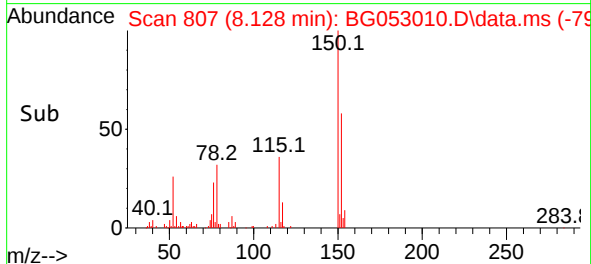
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01



Tgt Ion:152 Resp: 36989
Ion Ratio Lower Upper
152 100
150 172.8 114.6 172.0#
115 62.3 45.9 68.9

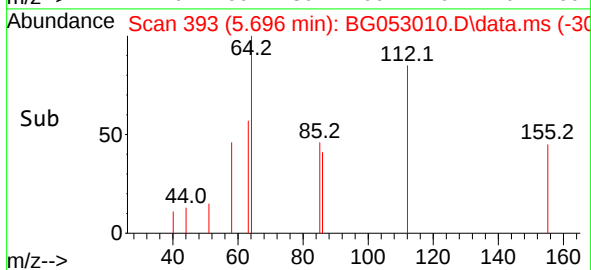
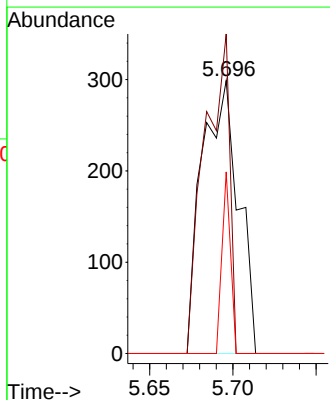
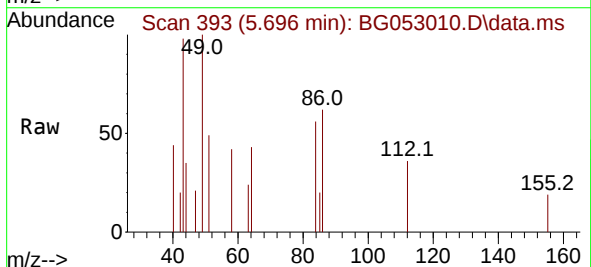
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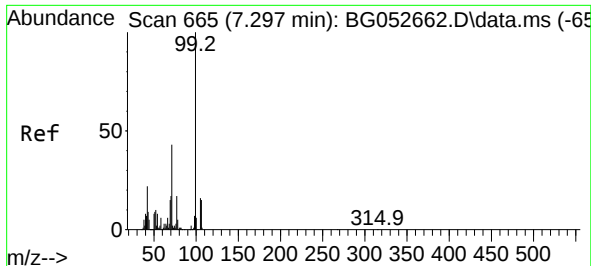
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#5
2-Fluorophenol
Concen: 0.214 ng m
RT: 5.696 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

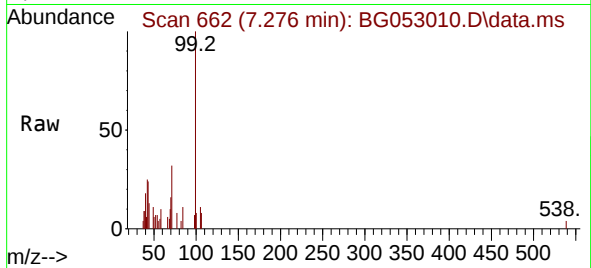
Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
64 117.1 48.0 72.0#
63 66.6 26.5 39.7#





#7
Phenol-d6
Concen: 2.415 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

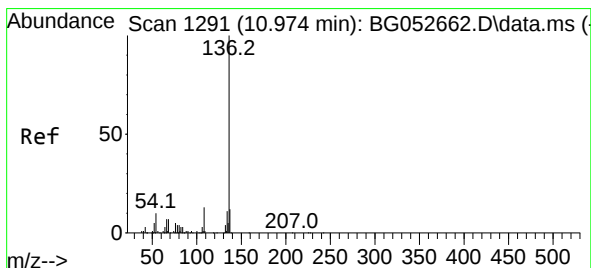
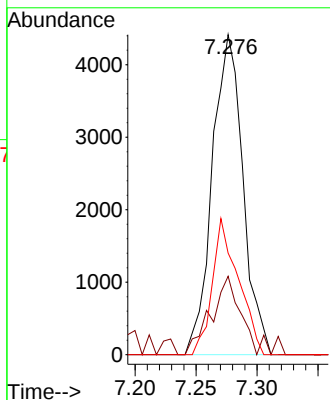
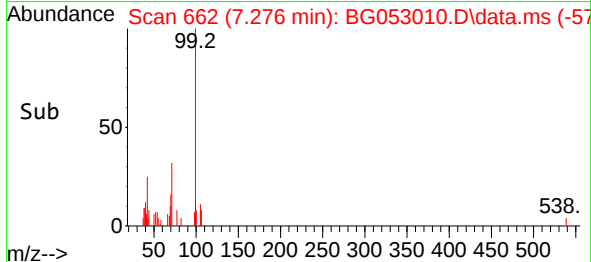
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01



Tgt Ion: 99 Resp: 7732
Ion Ratio Lower Upper
99 100
42 24.5 14.7 22.1
71 31.8 29.2 43.8

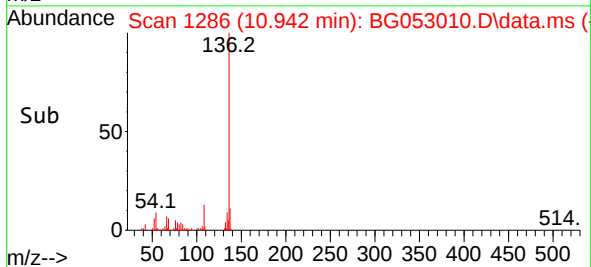
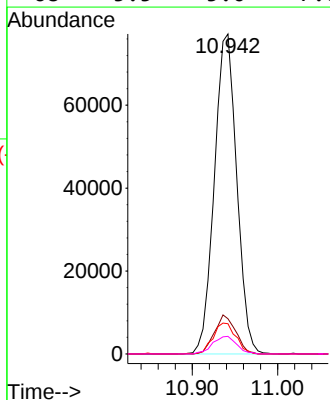
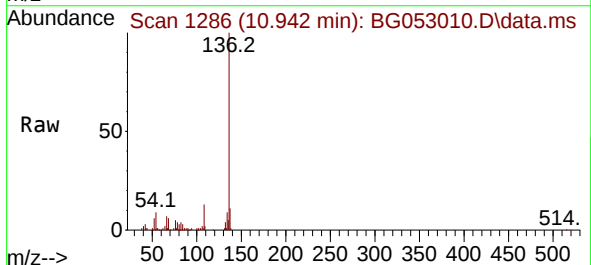
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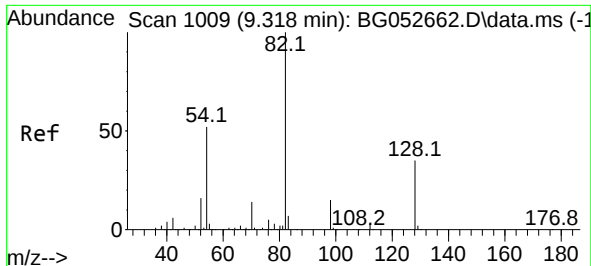
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

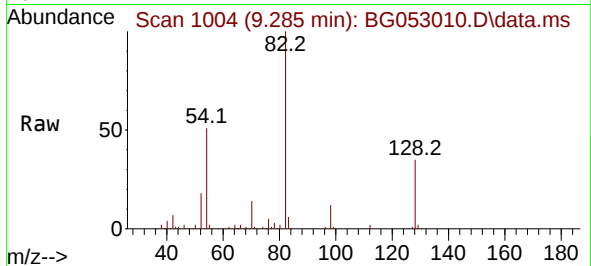
Tgt Ion:136 Resp: 140787
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.5 6.4 9.6
68 5.5 5.0 7.6





#23
Nitrobenzene-d5
Concen: 98.092 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

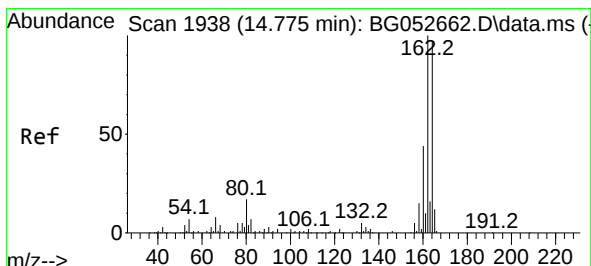
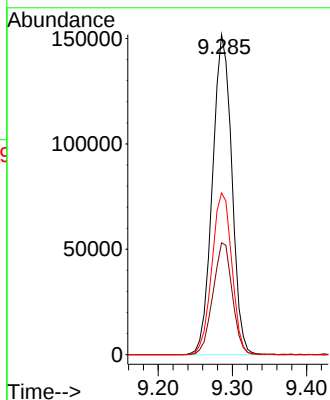
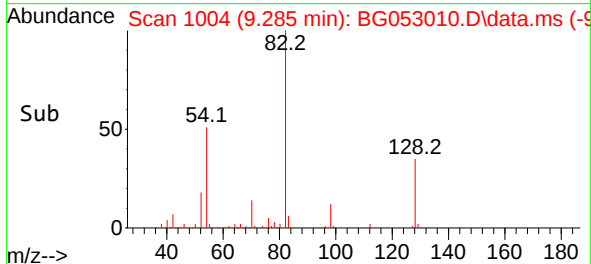
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01



Tgt Ion: 82 Resp: 27515
Ion Ratio Lower Upper
82 100
128 35.0 31.3 46.9
54 50.6 37.8 56.8

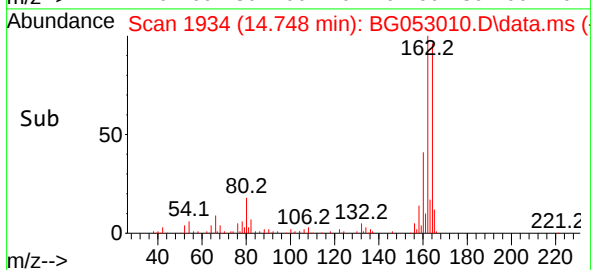
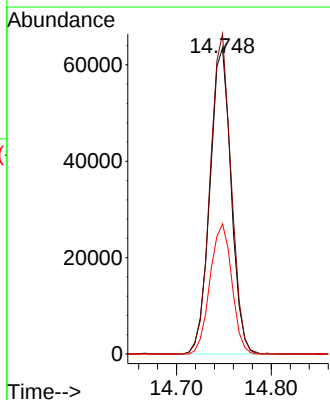
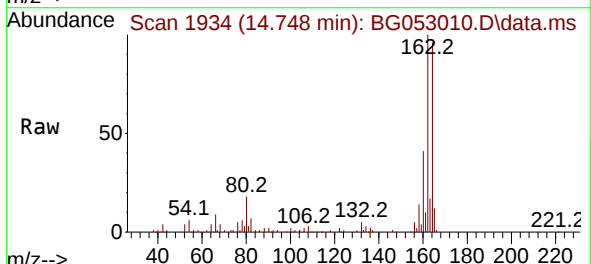
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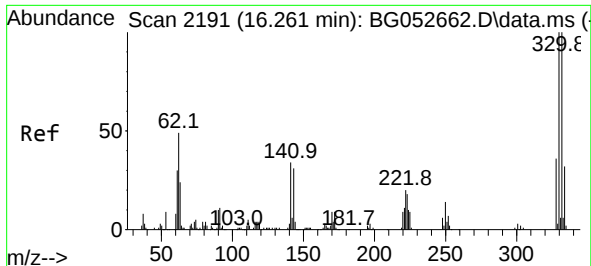
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:164 Resp: 98252
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 42.5 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 0.476 ng

RT: 16.229 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG053010.D

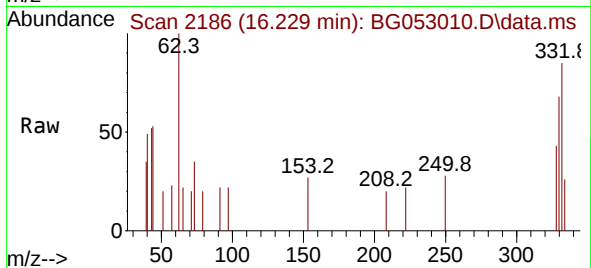
Acq: 4 Apr 2022 16:29

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-01



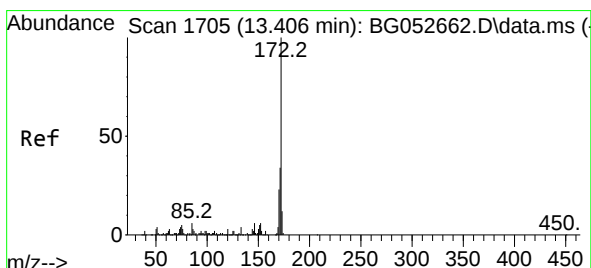
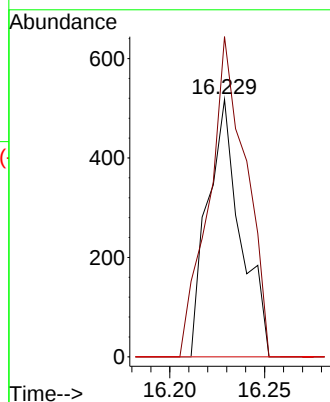
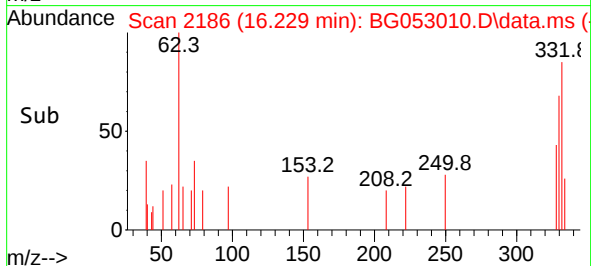
Tgt Ion:	330	Resp:	628
Ion Ratio	Lower	Upper	
330	100		
332	139.6	75.8	113.6
141	0.0	24.6	36.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/05/2022

Supervised By :Jagrut Upadhyay 04/05/2022



#45

2-Fluorobiphenyl

Concen: 86.818 ng

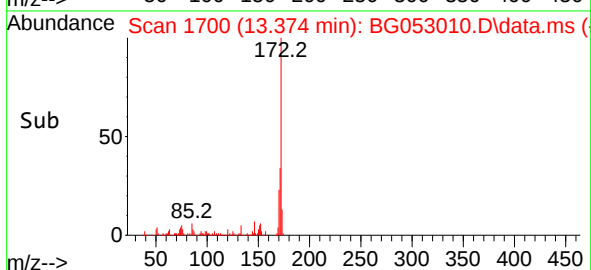
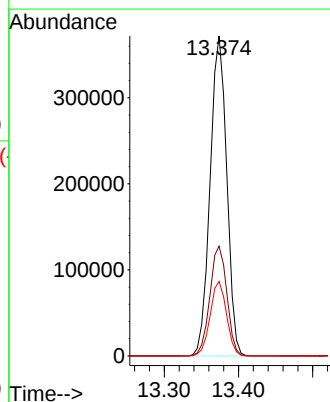
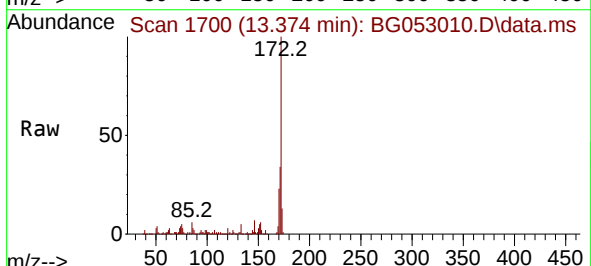
RT: 13.374 min Scan# 1700

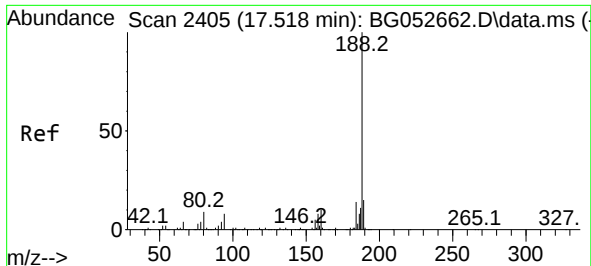
Delta R.T. -0.018 min

Lab File: BG053010.D

Acq: 4 Apr 2022 16:29

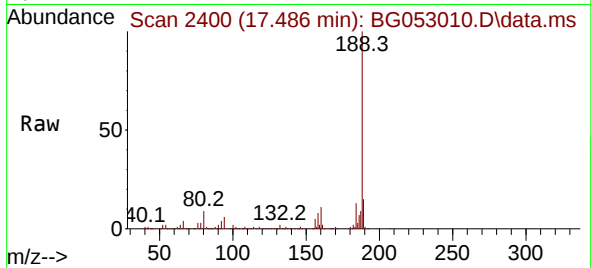
Tgt Ion:	172	Resp:	578367
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.3	42.5
170	23.3	18.0	27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2405
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

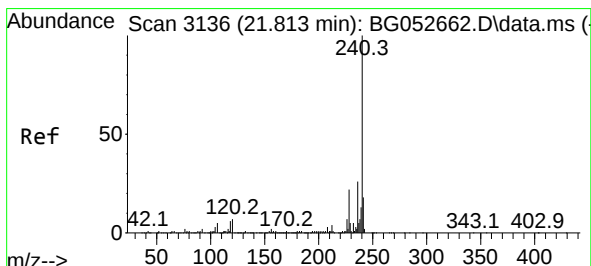
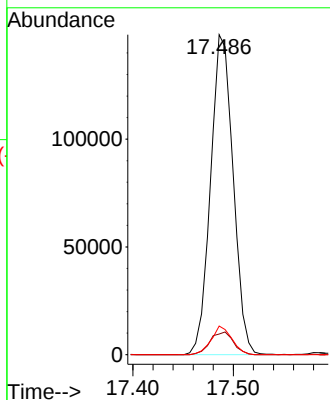
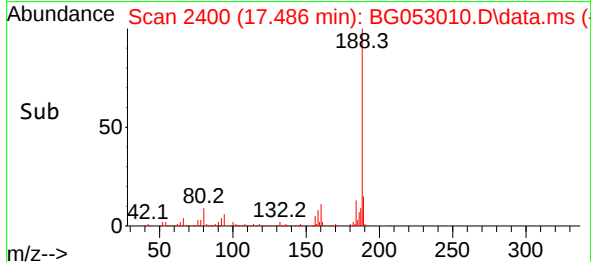
Instrument : BNA_G
ClientSampleId : SPLP-LEACHATE-AMENDED-096-21-01



Tgt Ion:188 Resp: 23190
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 9.0 7.2 10.8

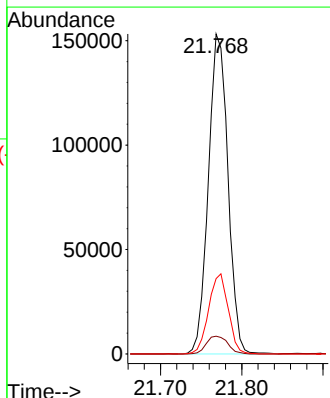
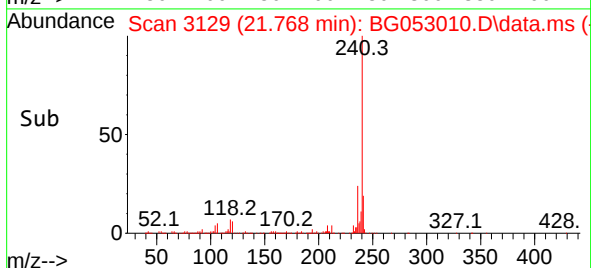
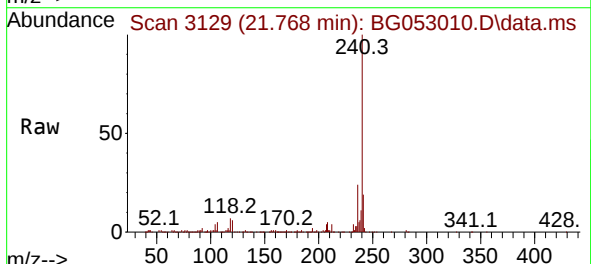
Manual Integrations APPROVED

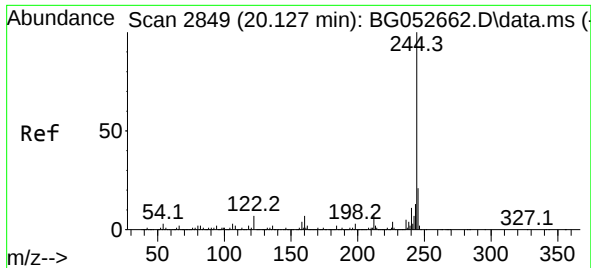
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

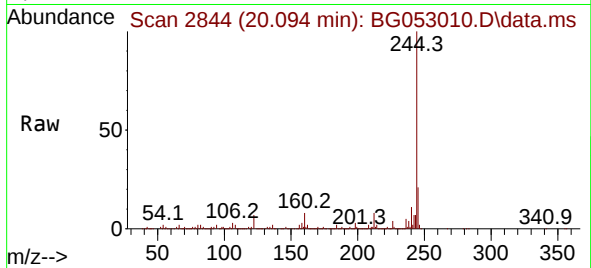
Tgt Ion:240 Resp: 256686
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 23.6 19.8 29.6





#79
 Terphenyl-d14
 Concen: 85.678 ng
 RT: 20.094 min Scan# 2844
 Delta R.T. -0.018 min
 Lab File: BG053010.D
 Acq: 4 Apr 2022 16:29

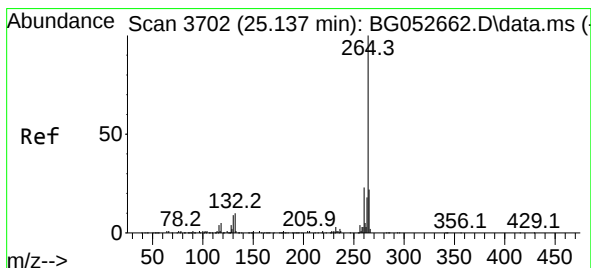
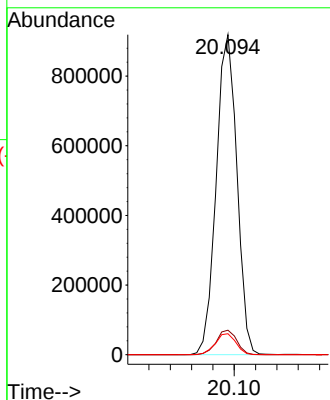
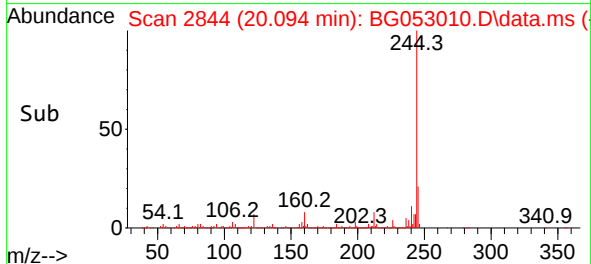
Instrument : BNA_G
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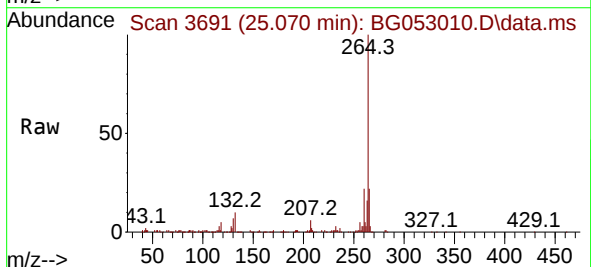
Tgt Ion:244 Resp: 1236319
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.5 5.8 8.6

Manual Integrations
 APPROVED

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.042 min
 Lab File: BG053010.D
 Acq: 4 Apr 2022 16:29



Tgt Ion:264 Resp: 260686
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.6 15.1 22.7

