

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054400.D
 Acq On : 26 Jul 2022 16:13
 Operator : CG/JU
 Sample : N3839-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-DUPLICATE-01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 04:33:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	17198	20.000	ng	-0.01
21) Naphthalene-d8	10.796	136	65984	20.000	ng	#-0.01
39) Acenaphthene-d10	14.621	164	52089	20.000	ng	-0.01
64) Phenanthrene-d10	17.371	188	127458	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	144467	20.000	ng	#-0.01
86) Perylene-d12	24.827	264	155758	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	81868	99.390	ng	0.00
7) Phenol-d6	7.171	99	111711	98.975	ng	0.00
23) Nitrobenzene-d5	9.151	82	72294	59.665	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	103381	94.526	ng	-0.01
45) 2-Fluorobiphenyl	13.246	172	227829	61.702	ng	-0.01
79) Terphenyl-d14	19.980	244	474925	65.216	ng	0.00
Target Compounds						
75) Fluoranthene	19.421	202	21319	2.464	ng	Qvalue 94
78) Pyrene	19.786	202	20771m	2.506	ng	

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

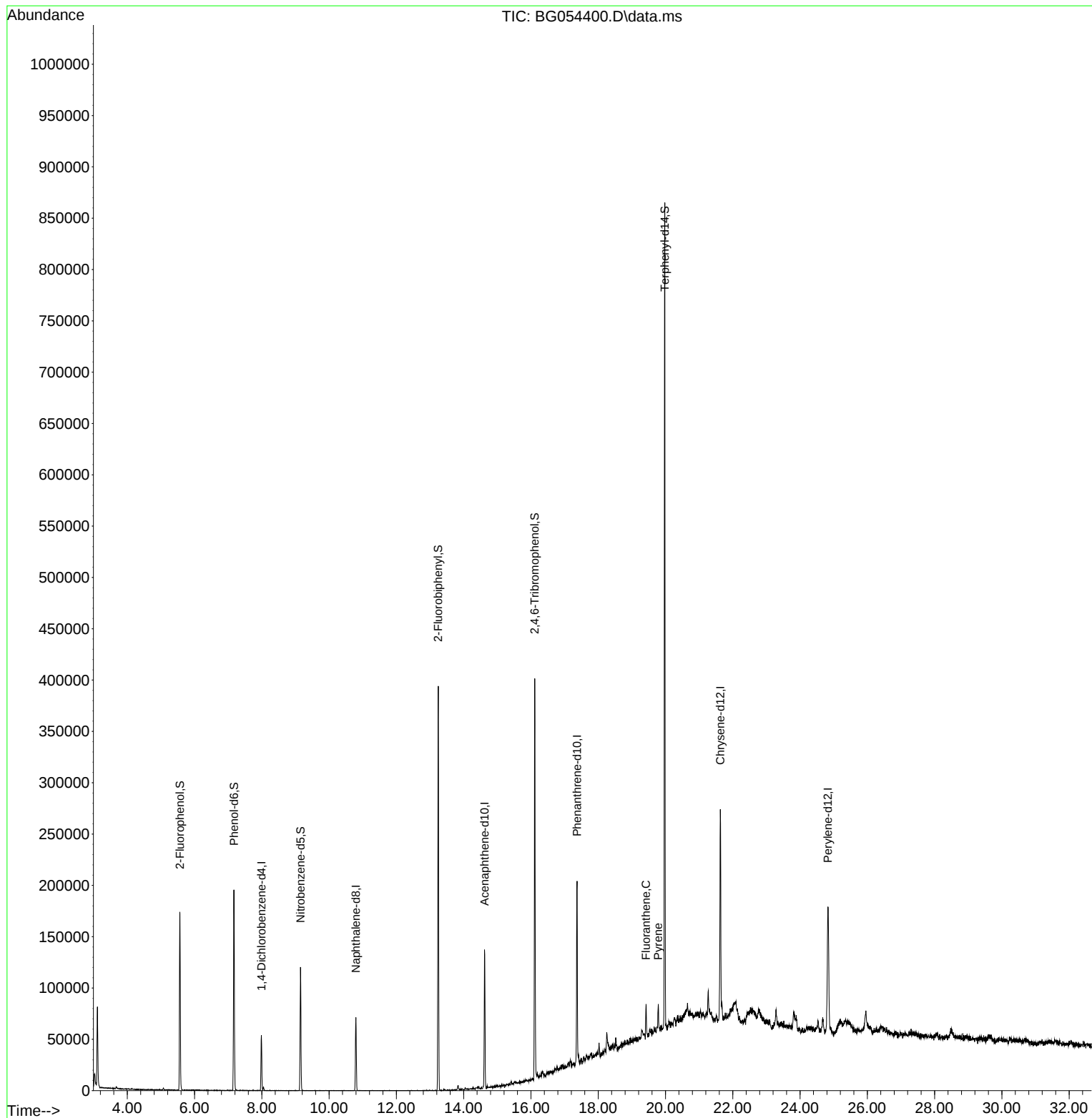
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054400.D
Acq On : 26 Jul 2022 16:13
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ALS Vial : 10 Sample Multiplier: 1

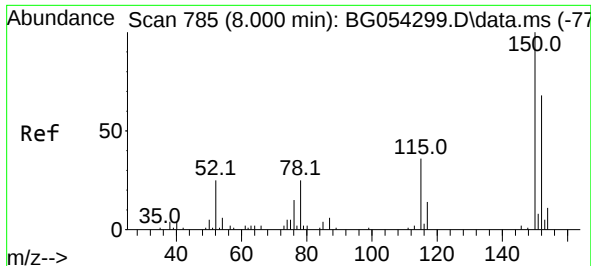
Instrument :
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Quant Time: Jul 27 04:33:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
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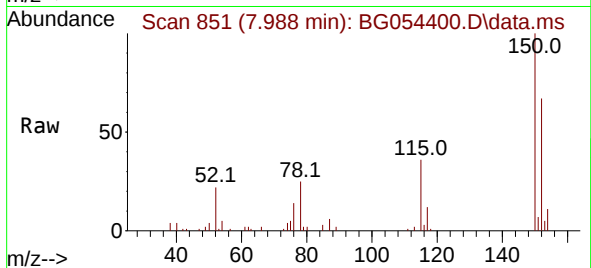
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

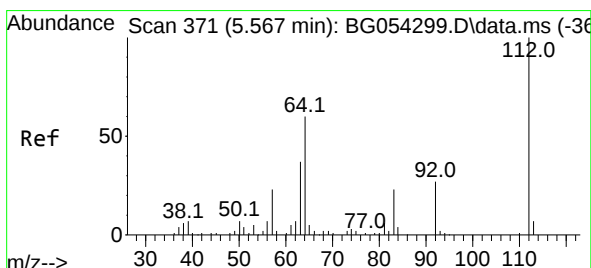
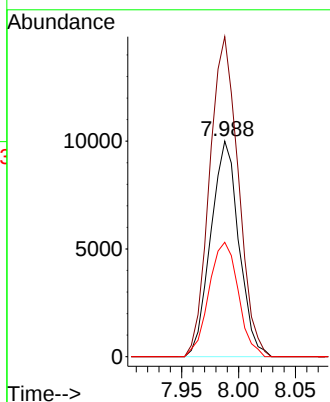
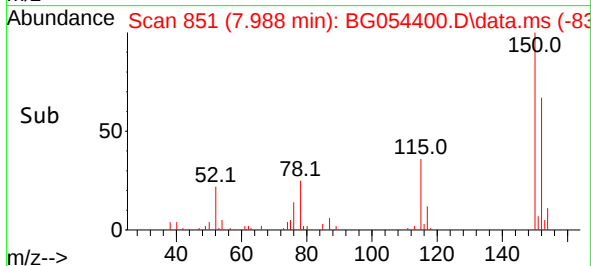
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01



Tgt Ion:152 Resp: 17198
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 53.1 50.9 76.3

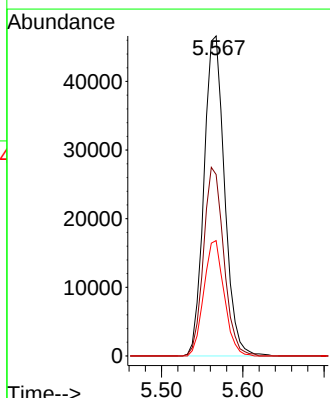
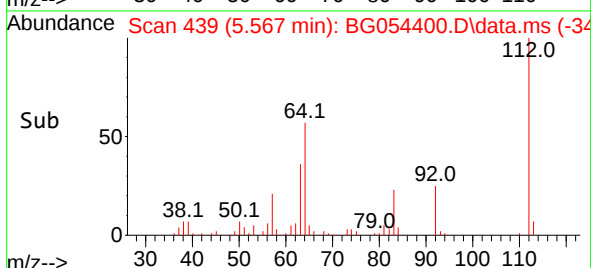
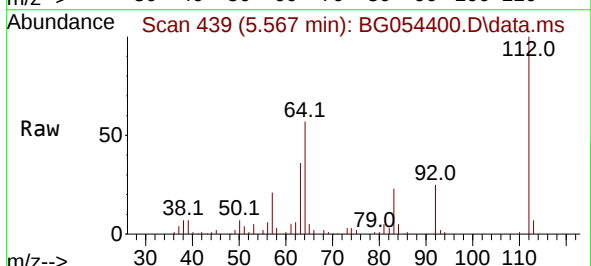
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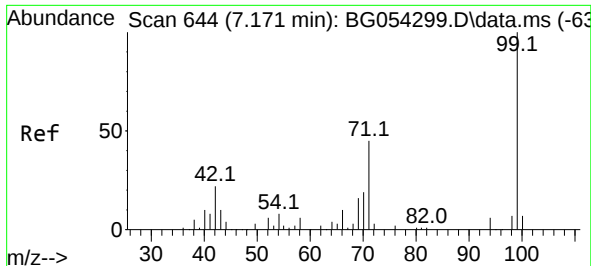
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#5
2-Fluorophenol
Concen: 99.390 ng
RT: 5.567 min Scan# 439
Delta R.T. -0.000 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

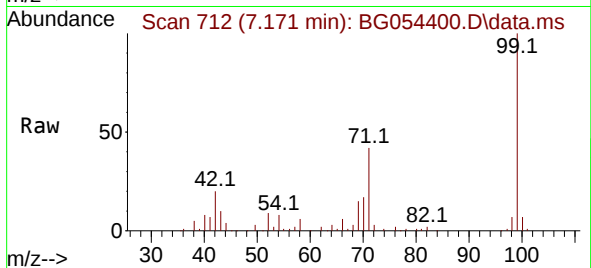
Tgt Ion:112 Resp: 81868
Ion Ratio Lower Upper
112 100
64 56.7 55.1 82.7
63 36.0 30.4 45.6





#7
Phenol-d6
Concen: 98.975 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

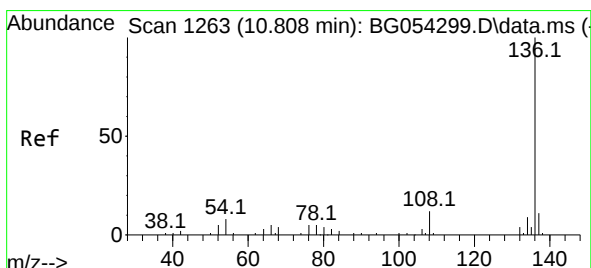
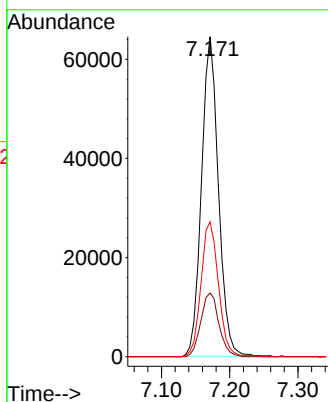
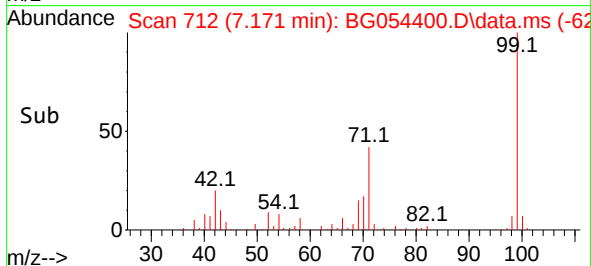
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01



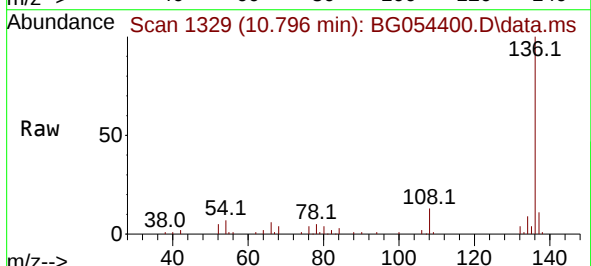
Tgt Ion: 99 Resp: 11171
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 42.1 33.8 50.8

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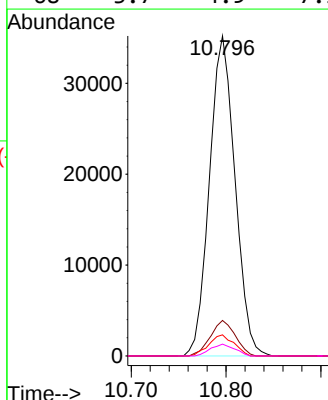
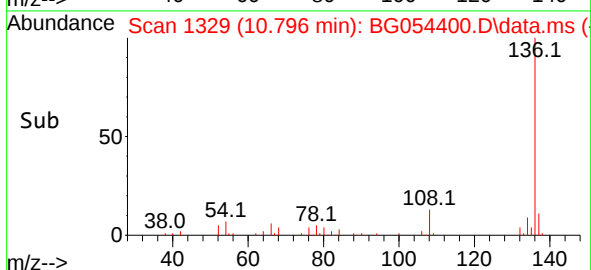
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

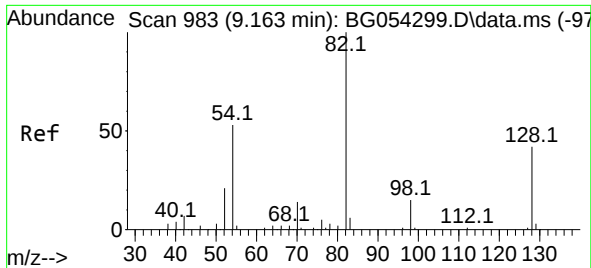


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13



Tgt Ion:136 Resp: 65984
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.6 7.4 11.2#
68 3.7 4.9 7.3#





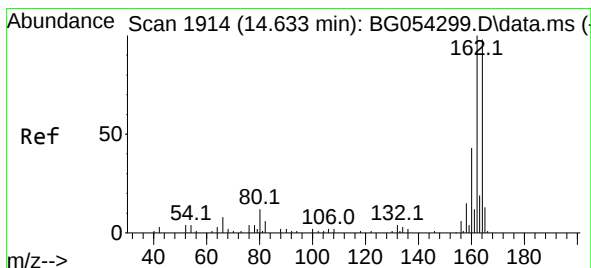
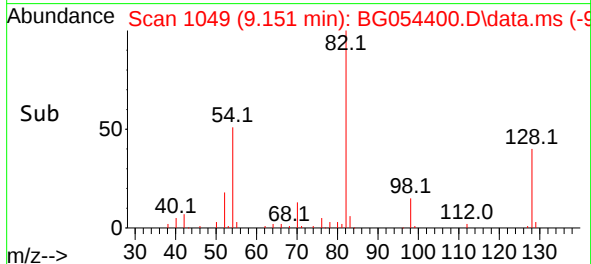
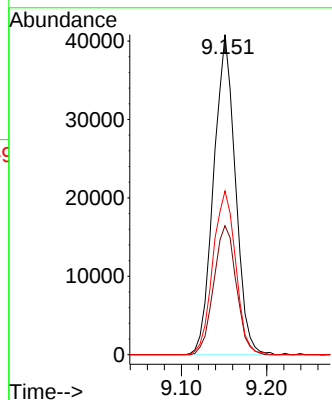
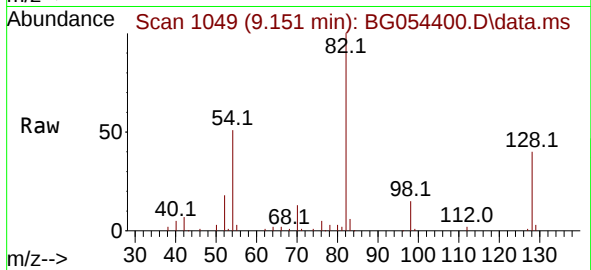
#23
Nitrobenzene-d5
Concen: 59.665 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

Tgt Ion: 82 Resp: 72294
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 51.2 41.2 61.8

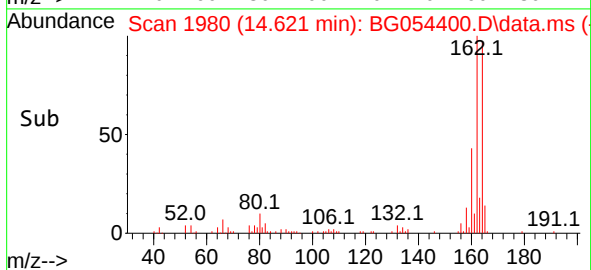
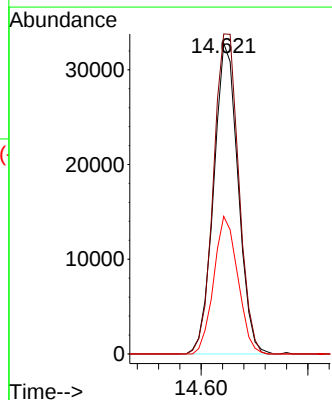
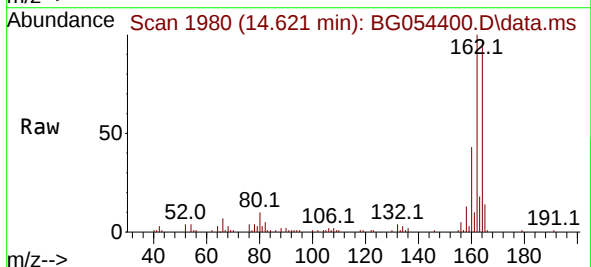
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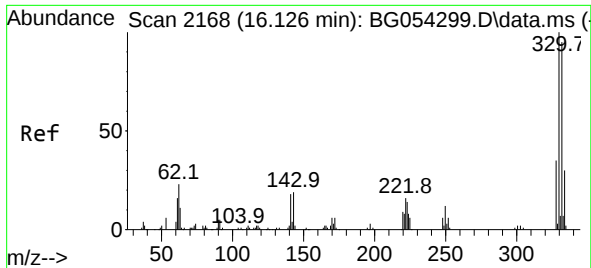
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

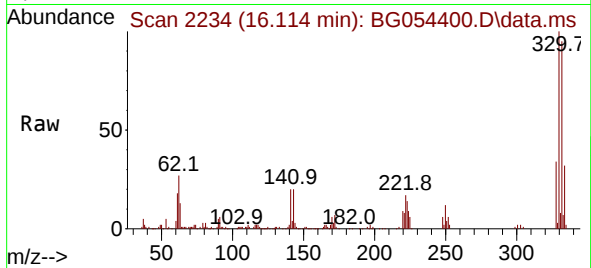
Tgt Ion:164 Resp: 52089
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 44.3 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 94.526 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

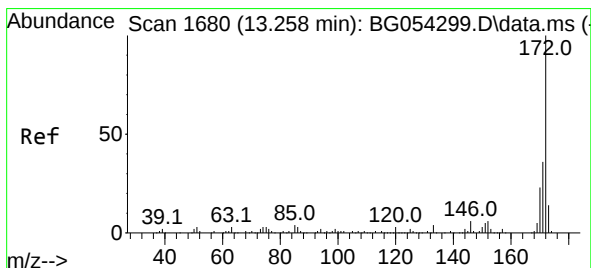
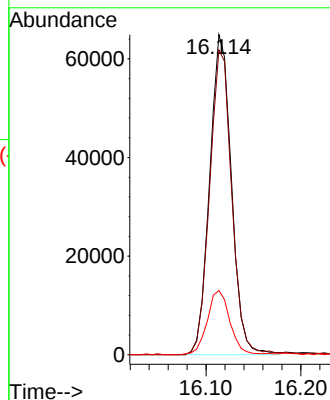
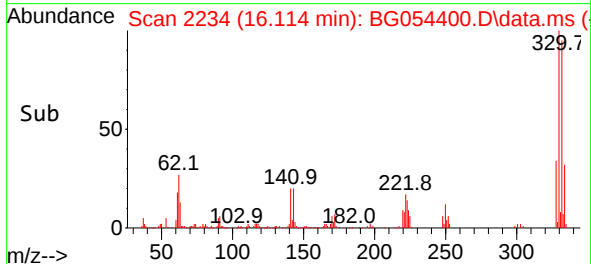
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BNA_G
ClientSampleId :
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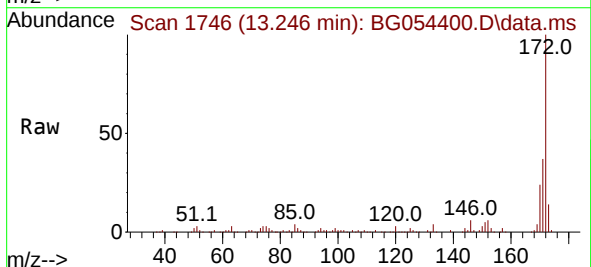
Tgt Ion:330 Resp: 10338
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.8 27.1 40.7

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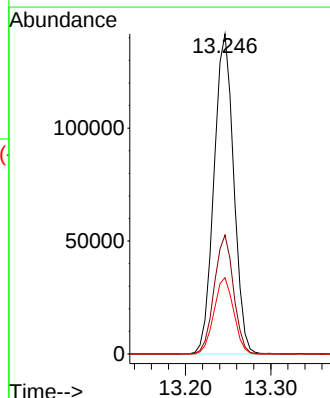
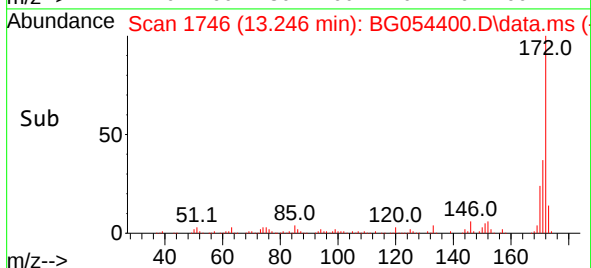
Reviewed By :Christian Giraldo 07/27/2022
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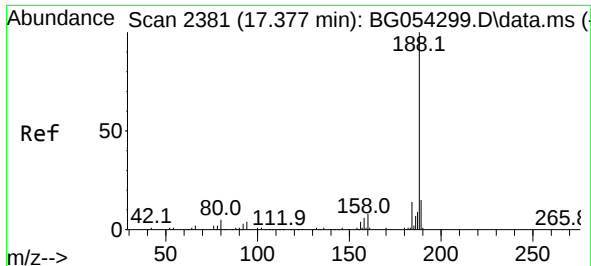


#45
2-Fluorobiphenyl
Concen: 61.702 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13



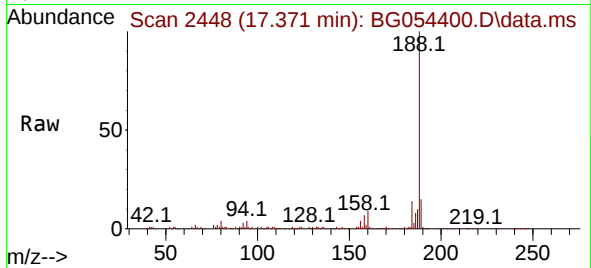
Tgt Ion:172 Resp: 227829
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 23.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

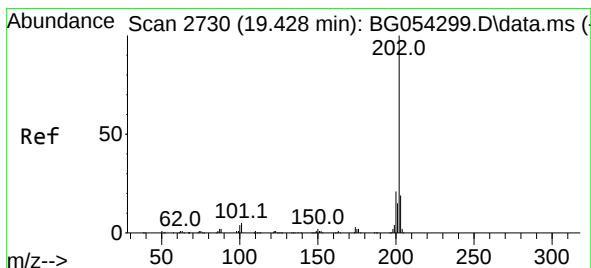
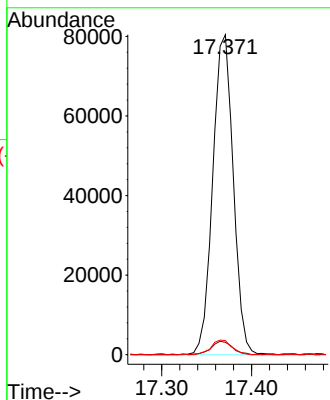
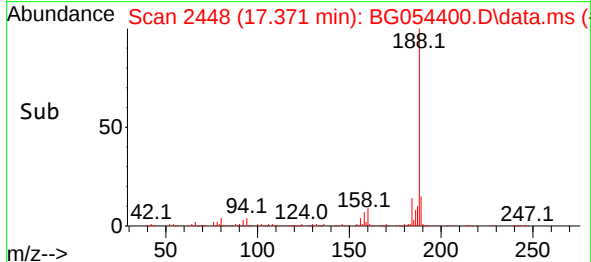
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01



Tgt Ion:188 Resp: 127458
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0
80 4.4 6.8 10.2

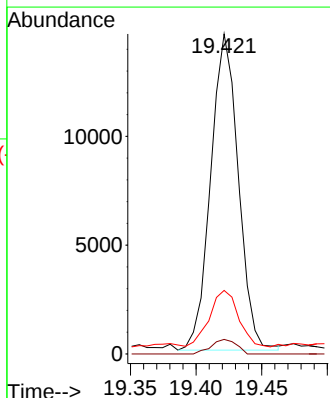
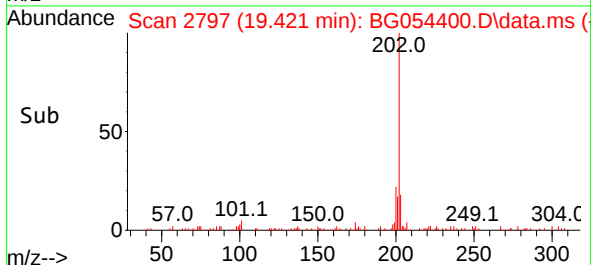
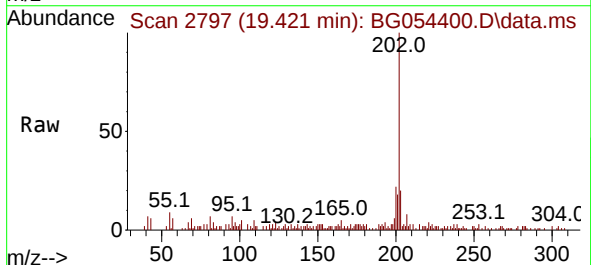
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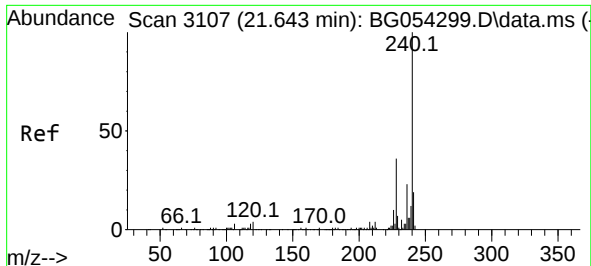
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#75
Fluoranthene
Concen: 2.464 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

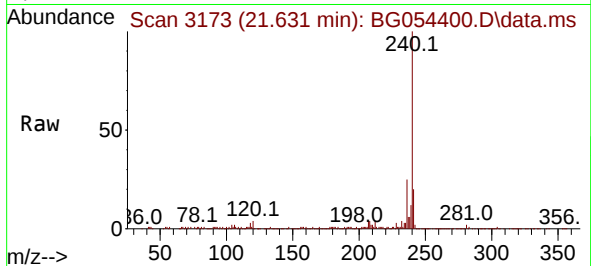
Tgt Ion:202 Resp: 21319
Ion Ratio Lower Upper
202 100
101 4.6 0.0 26.9
203 19.8 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

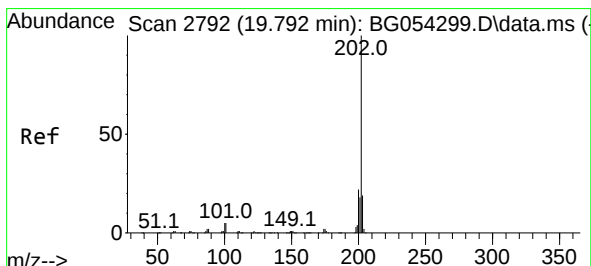
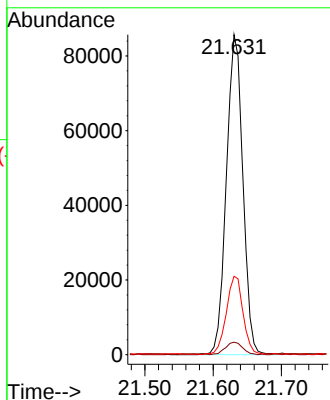
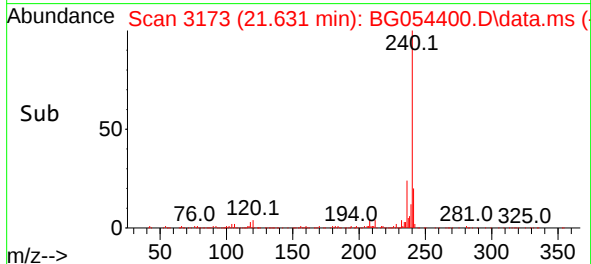
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01



Tgt Ion:240 Resp: 14446
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0
236 24.5 20.2 30.4

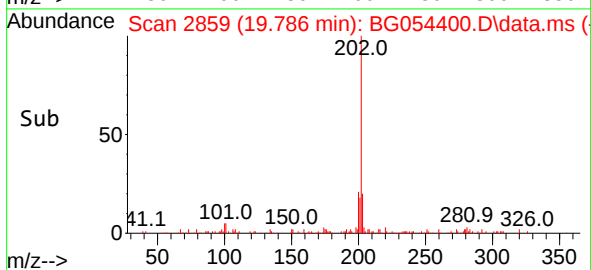
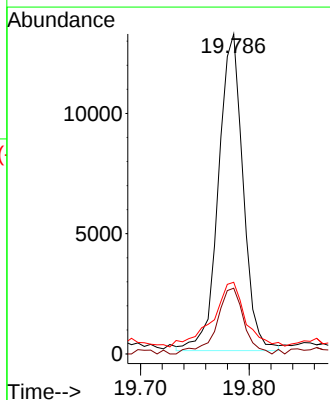
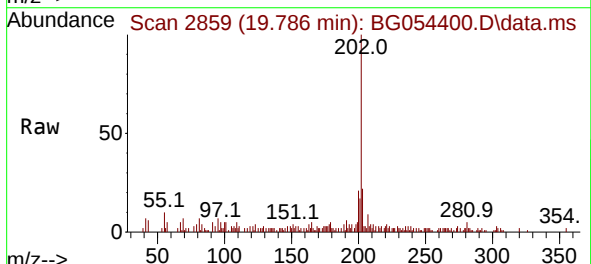
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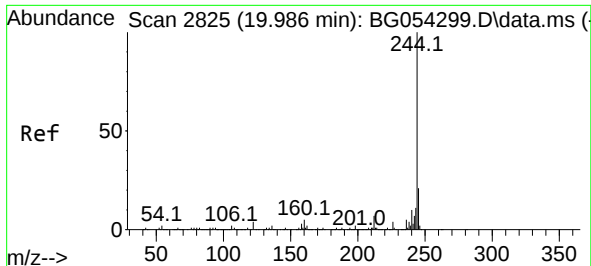
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#78
Pyrene
Concen: 2.506 ng m
RT: 19.786 min Scan# 2859
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

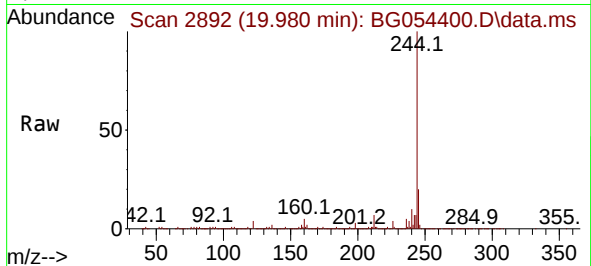
Tgt Ion:202 Resp: 20771
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 22.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 65.216 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054400.D
 Acq: 26 Jul 2022 16:13

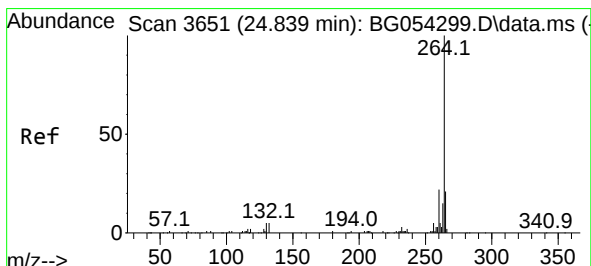
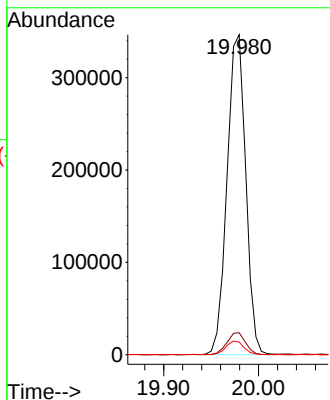
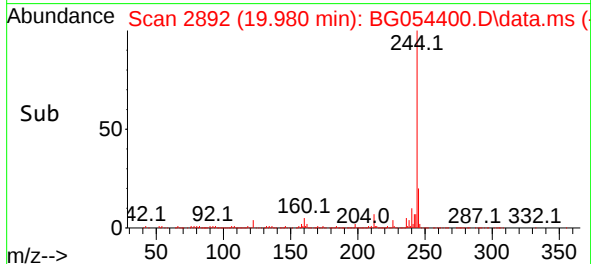
Instrument :
 BNA_G
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Tgt Ion:244 Resp: 474925
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.0 5.0 7.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.012 min
 Lab File: BG054400.D
 Acq: 26 Jul 2022 16:13

Tgt Ion:264 Resp: 155758
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 22.2 17.4 26.2

