

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051084.D
 Acq On : 17 Nov 2021 2:43
 Operator : CG/JU
 Sample : M4619-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-111021

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 03:34:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	43911	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	166805	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	110256	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	232660	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	199594	20.000	ng	# 0.01
86) Perylene-d12	25.338	264	158954	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	117118	39.898	ng	0.00
7) Phenol-d6	7.377	99	155681	37.575	ng	0.00
23) Nitrobenzene-d5	9.404	82	110968	29.449	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	44476	40.310	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	198144	28.395	ng	0.00
79) Terphenyl-d14	20.192	244	290469	26.629	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.700	142	38265	6.287	ng	94
38) 1-Methylnaphthalene	12.924	142	28525m	4.796	ng	

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

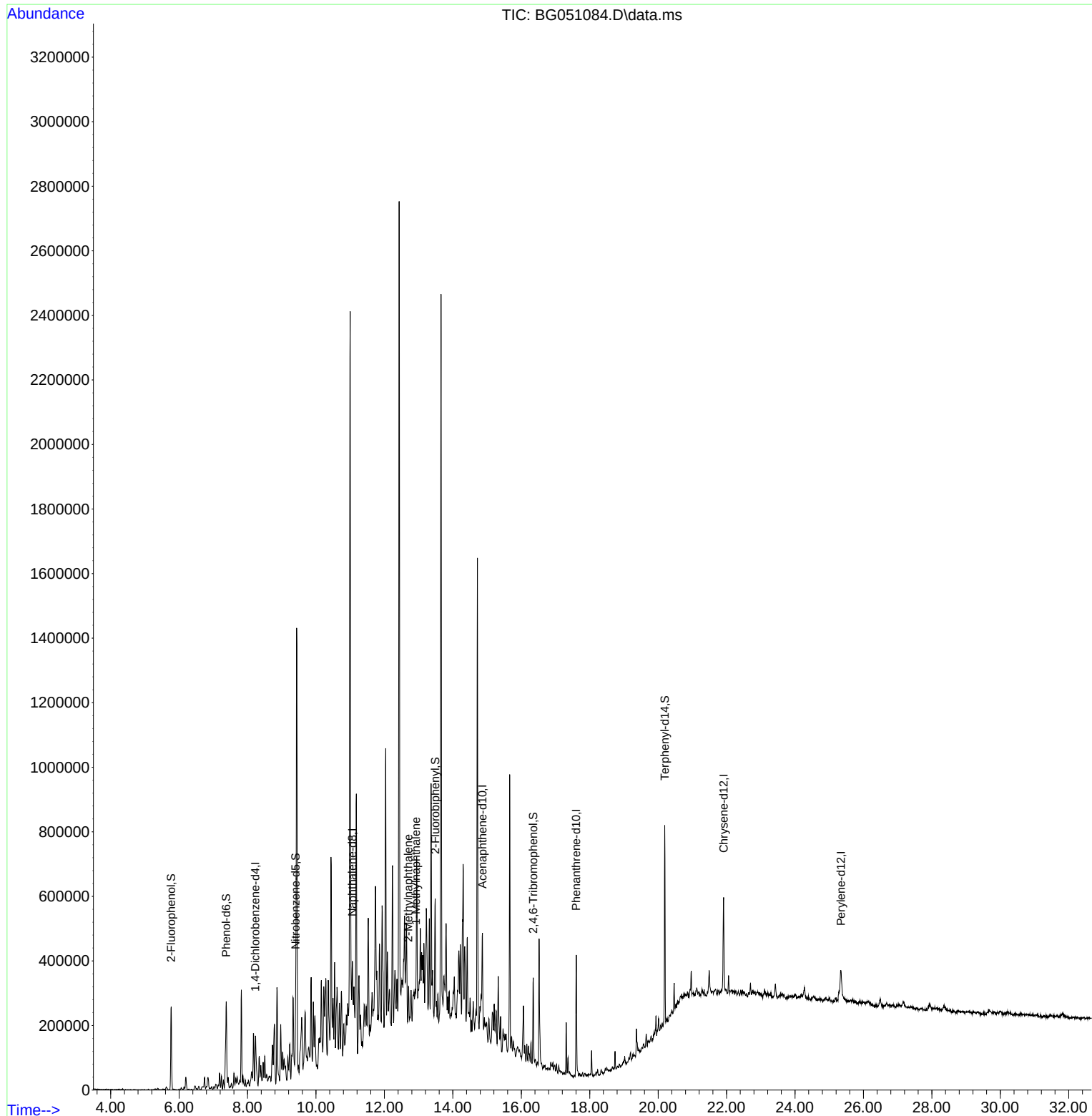
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051084.D
Acq On : 17 Nov 2021 2:43
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

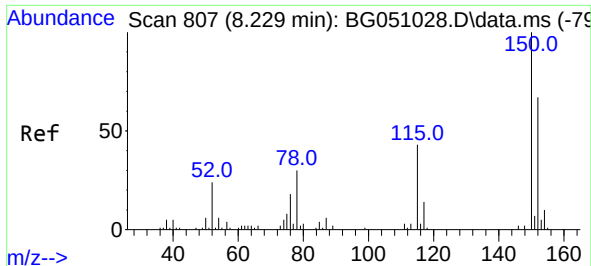
Instrument :
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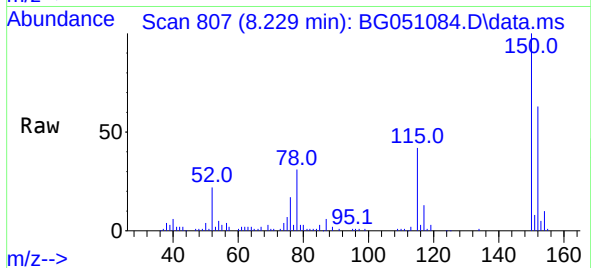
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

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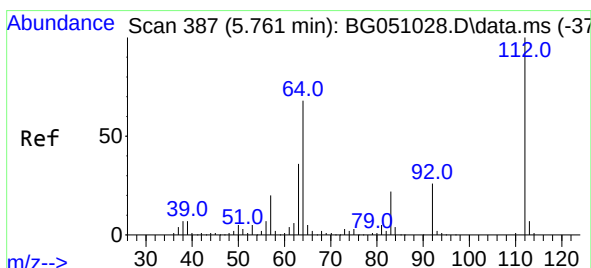
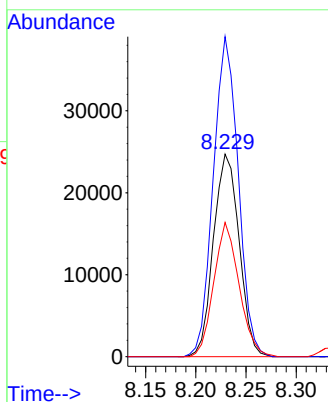
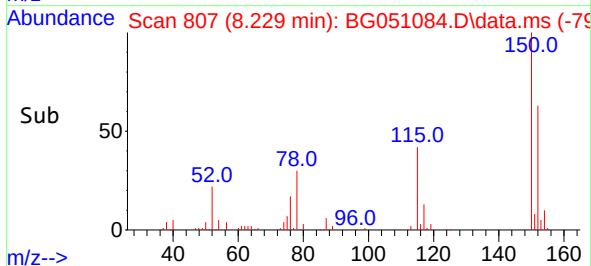


Tgt Ion:152 Resp: 4391
Ion Ratio Lower Upper
152 100
150 157.9 119.4 179.0
115 66.3 60.2 90.4

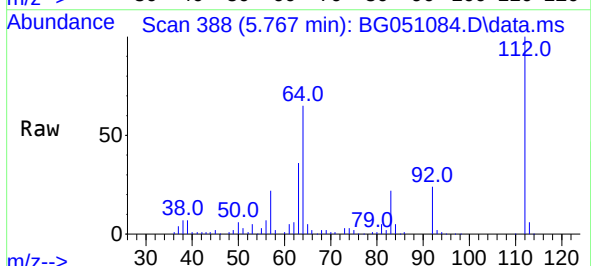
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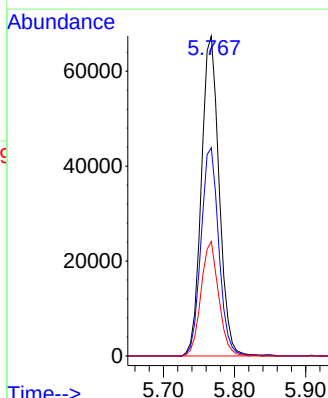
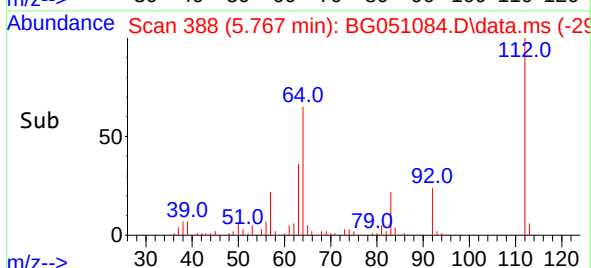
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

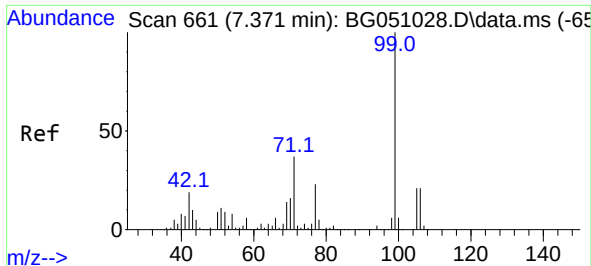


#5
2-Fluorophenol
Concen: 39.898 ng
RT: 5.767 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43



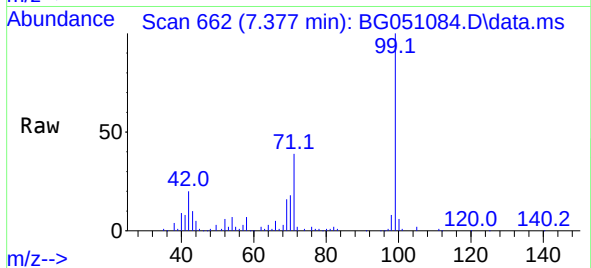
Tgt Ion:112 Resp: 117118
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.8 35.3 52.9





#7
Phenol-d6
Concen: 37.575 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

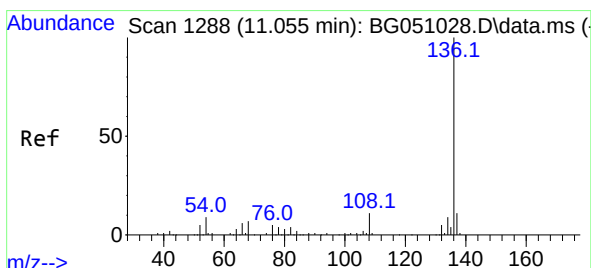
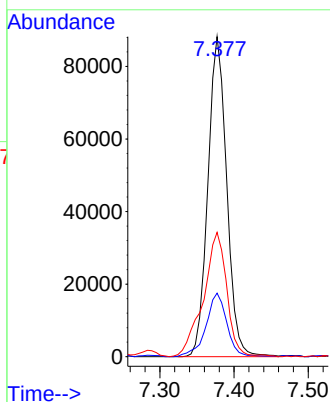
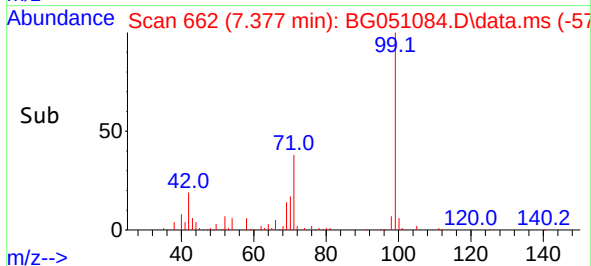
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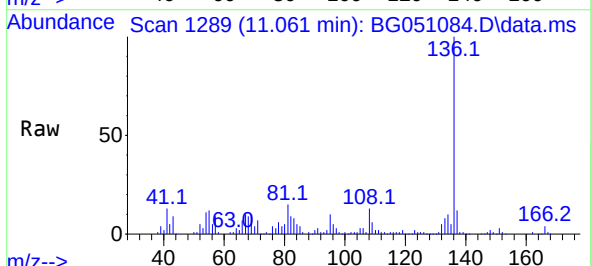
Tgt Ion: 99 Resp: 15568
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7
71 38.9 41.5 62.3

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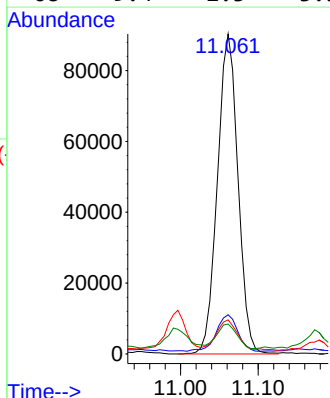
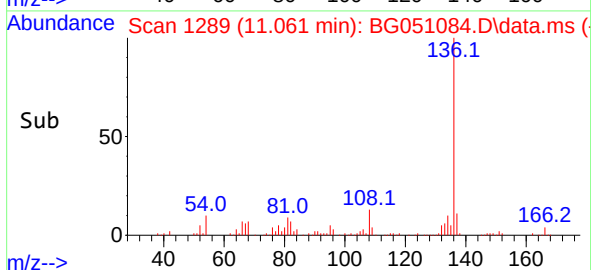
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

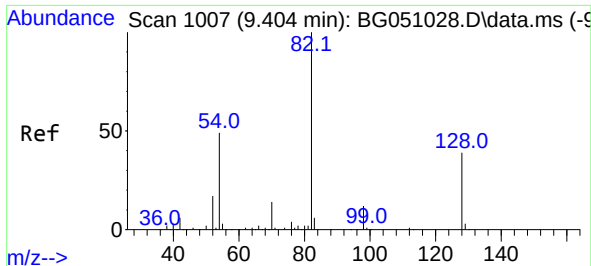


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43



Tgt Ion:136 Resp: 166805
Ion Ratio Lower Upper
136 100
137 12.2 8.2 12.2
54 10.7 5.5 8.3#
68 9.4 2.3 3.5#





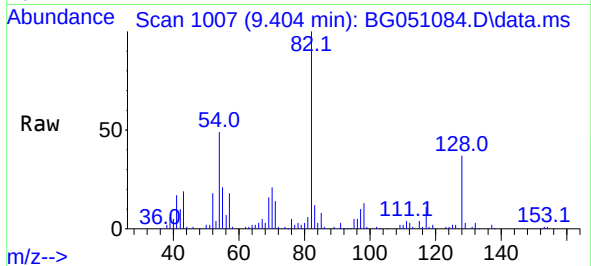
#23
Nitrobenzene-d5
Concen: 29.449 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Instrument :

BNA_G

ClientSampleId :

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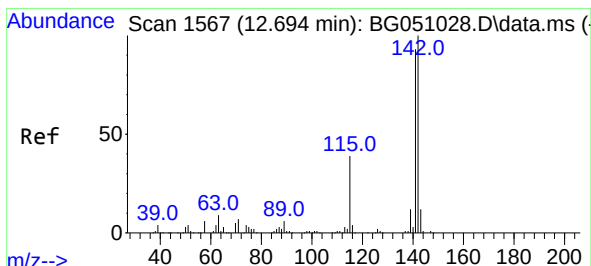
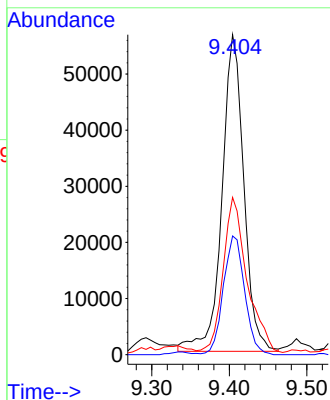
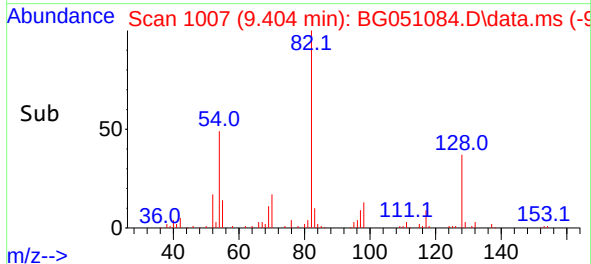


Tgt Ion: 82 Resp: 110968
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 49.2 45.8 68.8

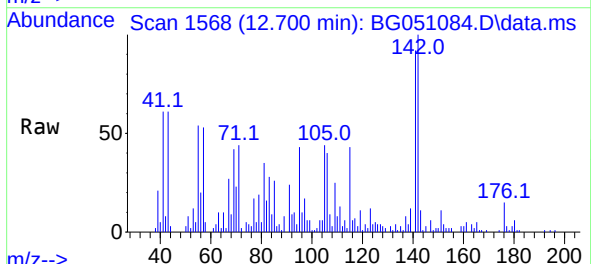
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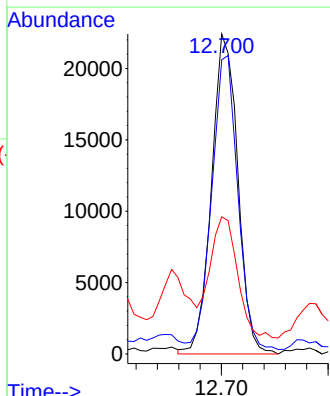
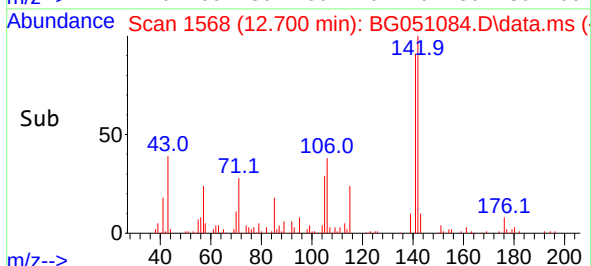
Reviewed By :Jagrut Upadhyay 11/17/2021
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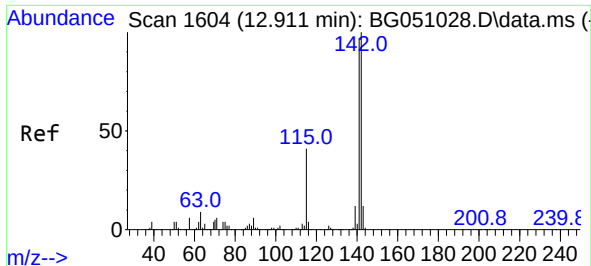


#37
2-Methylnaphthalene
Concen: 6.287 ng
RT: 12.700 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43



Tgt Ion:142 Resp: 38265
Ion Ratio Lower Upper
142 100
141 91.9 68.8 103.2
115 42.8 36.4 54.6





#38
1-Methylnaphthalene
Concen: 4.796 ng m
RT: 12.924 min Scan# 1
Delta R.T. 0.012 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Instrument :

BNA_G

ClientSampleId :

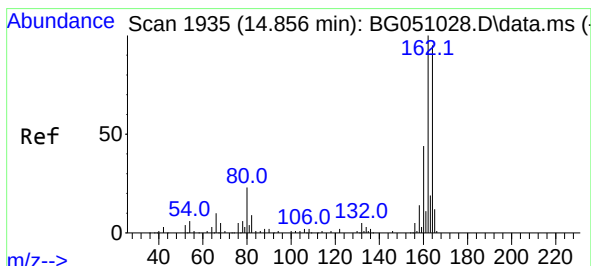
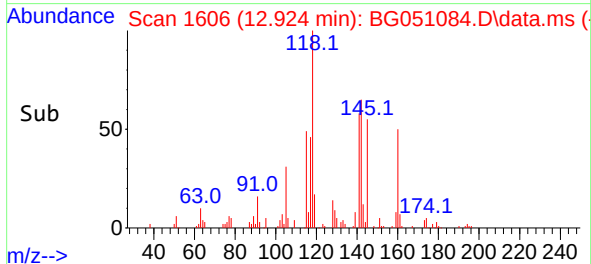
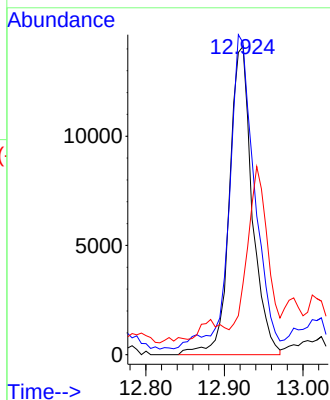
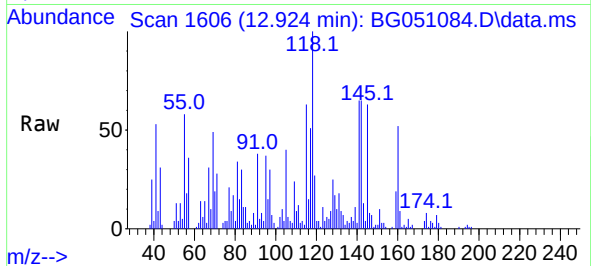
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Tgt Ion:142 Resp: 2852
Ion Ratio Lower Upper
142 100
141 101.2 70.6 106.0
116 23.1 4.0 6.0

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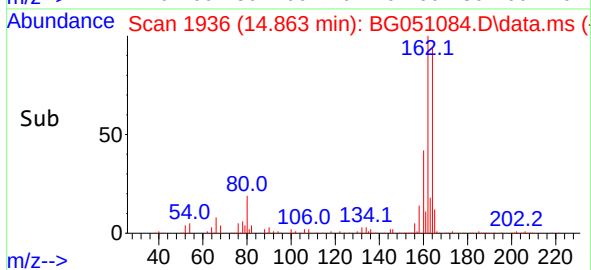
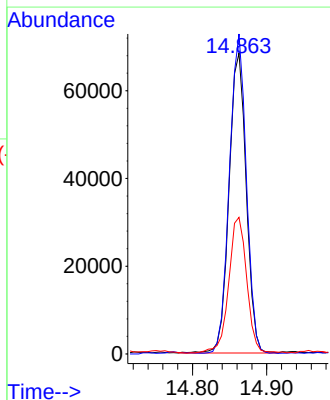
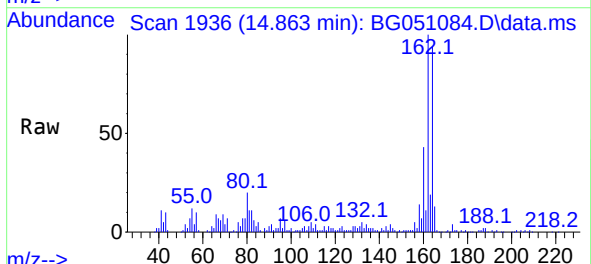
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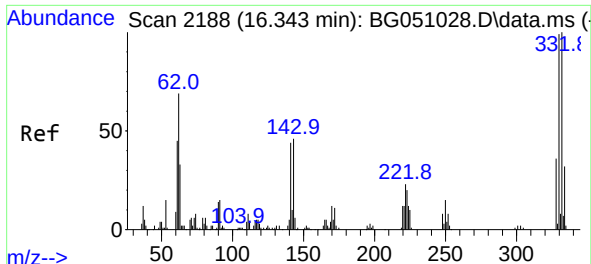
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:164 Resp: 110256
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 45.4 34.9 52.3





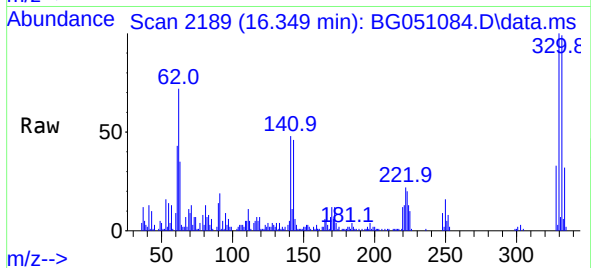
#42
2,4,6-Tribromophenol
Concen: 40.310 ng
RT: 16.349 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Instrument :

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HR-01-111021

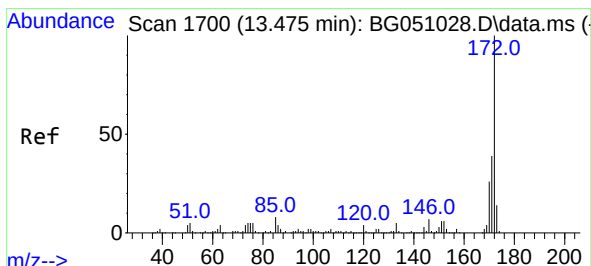
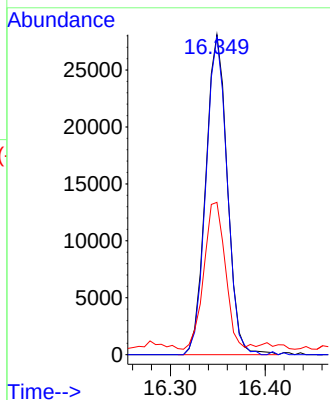
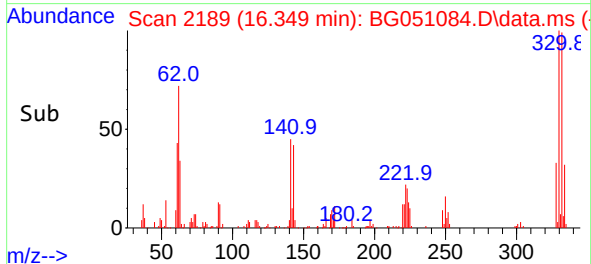


Tgt Ion:330 Resp: 44470
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 45.8 35.6 53.4

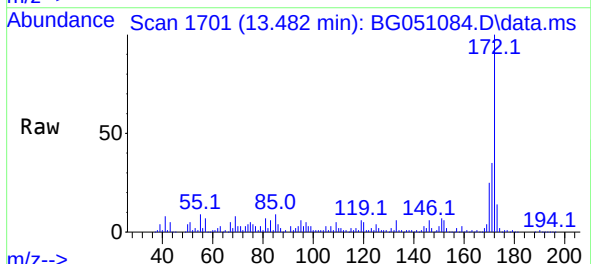
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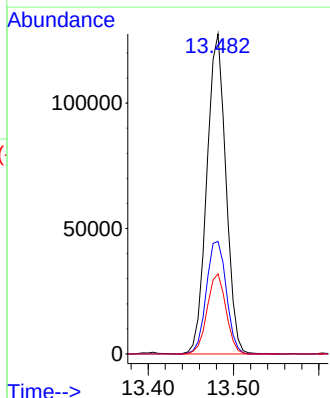
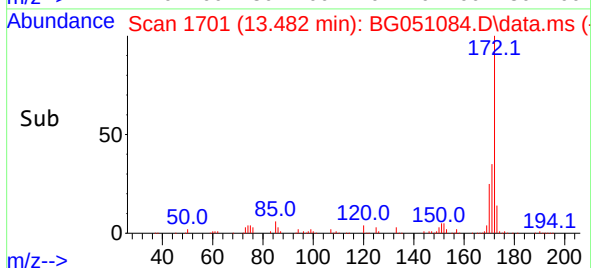
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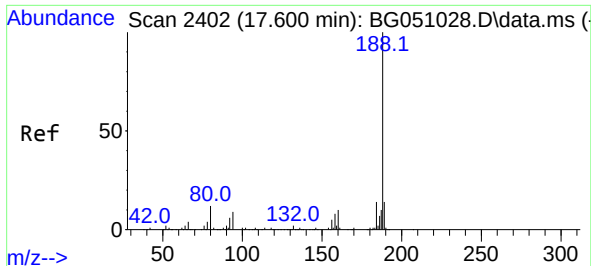


#45
2-Fluorobiphenyl
Concen: 28.395 ng
RT: 13.482 min Scan# 1701
Delta R.T. 0.007 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43



Tgt Ion:172 Resp: 198144
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 25.1 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Instrument :

BNA_G

ClientSampleId :

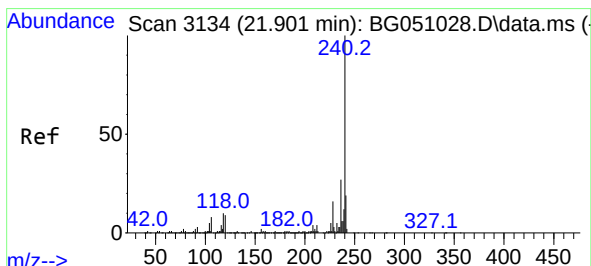
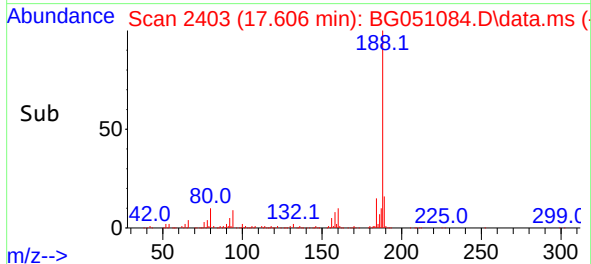
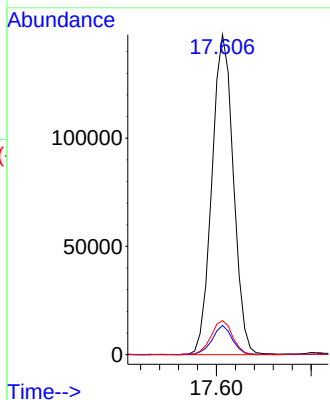
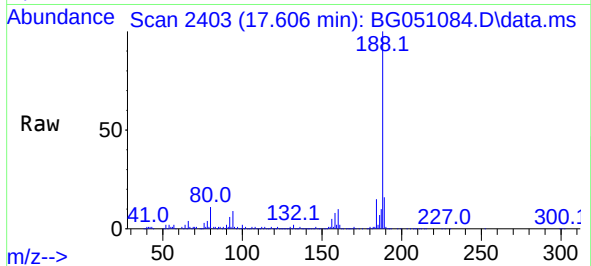
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Tgt Ion:188 Resp: 232660
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0
80 10.7 3.7 5.5

Manual Integrations

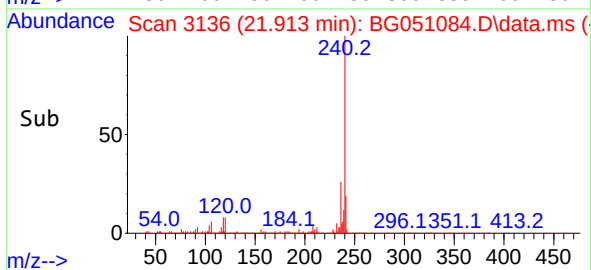
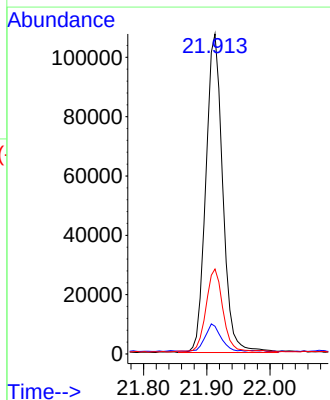
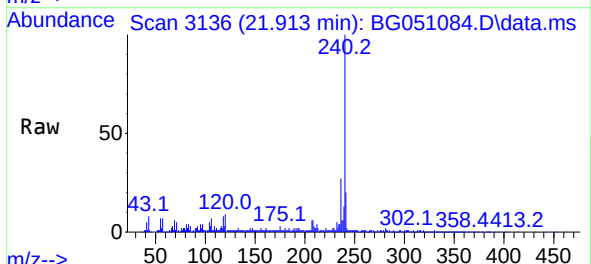
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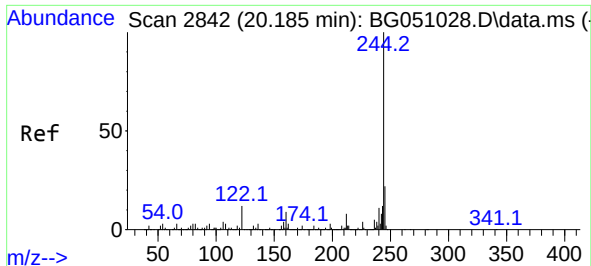
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Supervised By :mohammad ahmed 11/17/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:240 Resp: 199594
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2
236 26.6 21.8 32.6





#79
Terphenyl-d14
Concen: 26.629 ng
RT: 20.192 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

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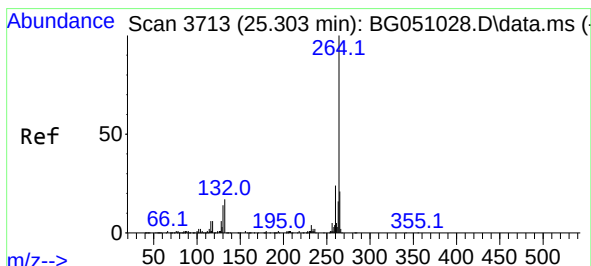
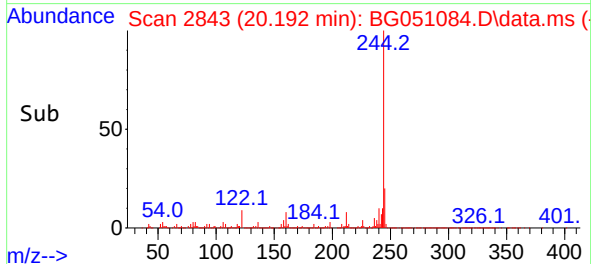
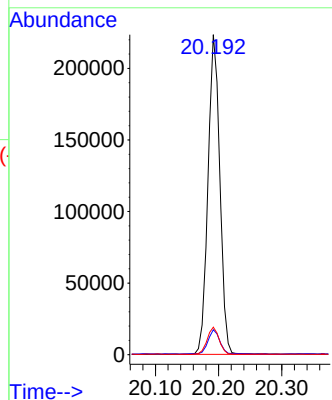
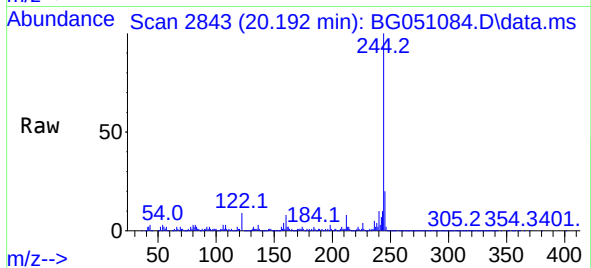
HR-01-111021

Tgt Ion:244 Resp: 290469
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 8.6 5.0 7.6

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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3719
Delta R.T. 0.036 min
Lab File: BG051084.D
Acq: 17 Nov 2021 2:43

Tgt Ion:264 Resp: 158954
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 23.6 16.9 25.3

