

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060944.D
 Acq On : 18 Apr 2024 20:38
 Operator : MA/JU
 Sample : P2166-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPI-SS-02

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:48:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	53595	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	198524	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	166359	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	445522	20.000	ng	0.00
76) Chrysene-d12	21.572	240	431092	20.000	ng	0.00
86) Perylene-d12	24.692	264	500507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	296956	96.241	ng	0.00
7) Phenol-d6	7.107	99	415382	93.450	ng	0.00
23) Nitrobenzene-d5	9.092	82	281397	64.349	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	246618	89.735	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	555738	49.022	ng	0.00
79) Terphenyl-d14	19.933	244	1001643	40.551	ng	0.00
Target Compounds						
9) Benzaldehyde	7.077	77	62123	26.024	ng	Qvalue 98
32) Benzoic acid	9.974	122	15752m	6.126	ng	

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

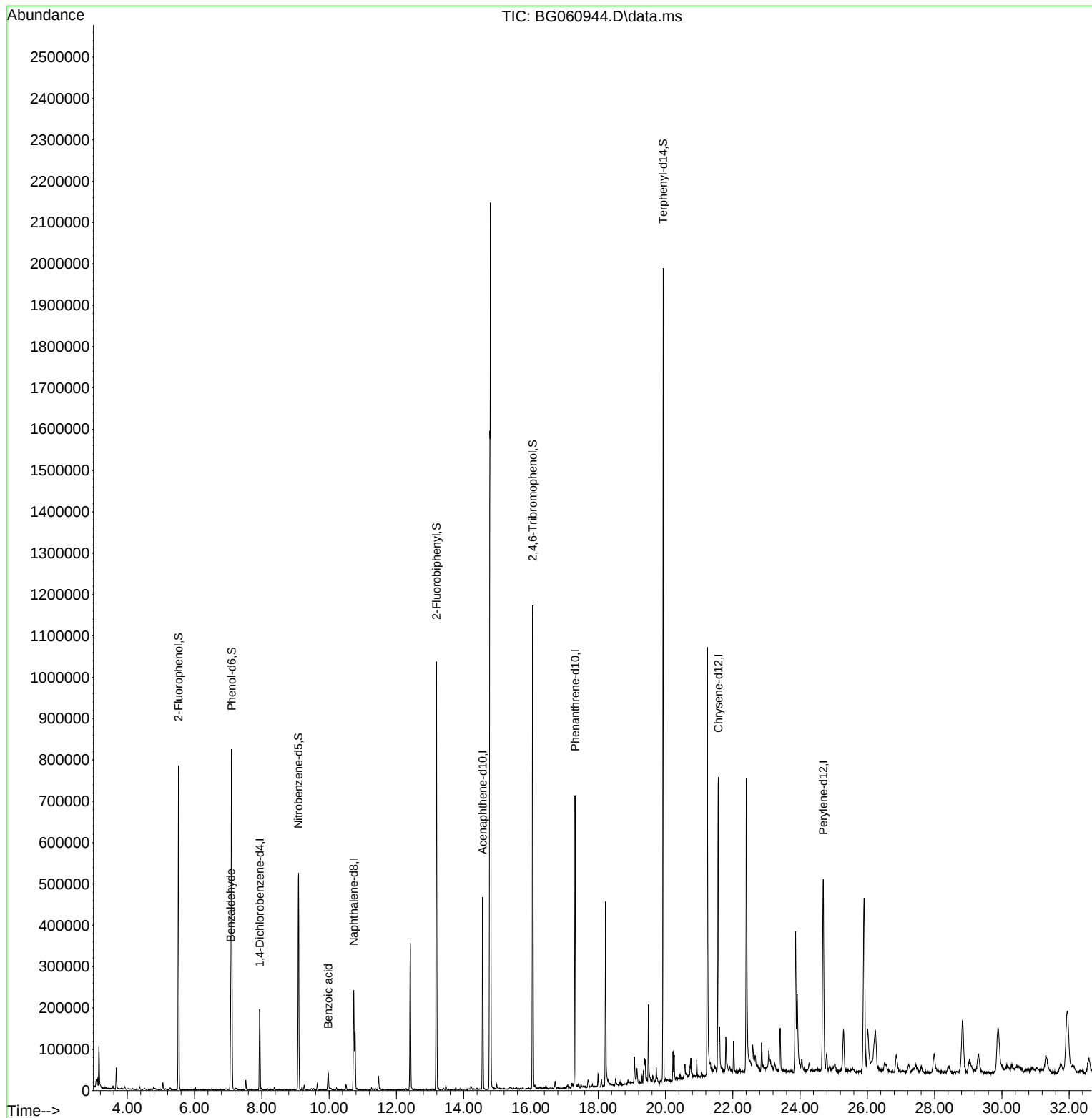
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060944.D
Acq On : 18 Apr 2024 20:38
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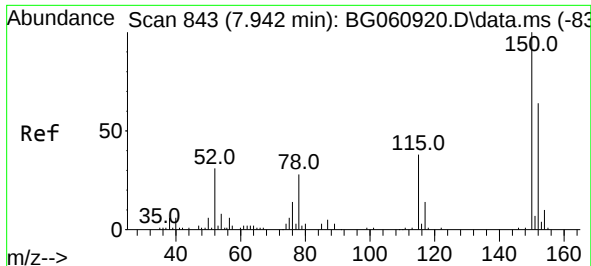
Instrument :
BNA_G
ClientSampleId :
RPI-SS-02

Quant Time: Apr 19 00:48:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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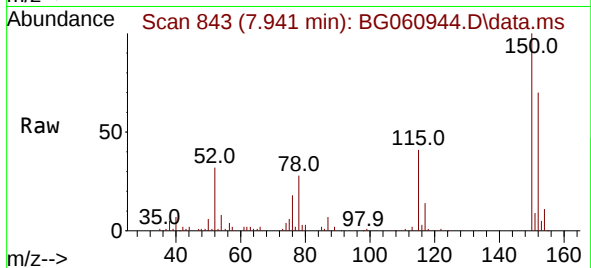
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

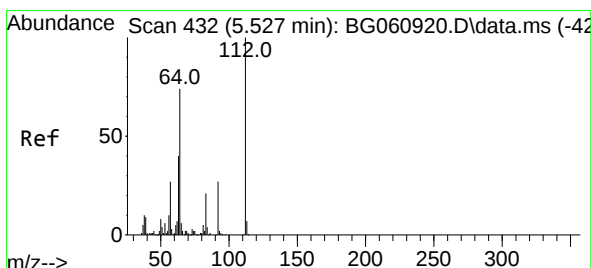
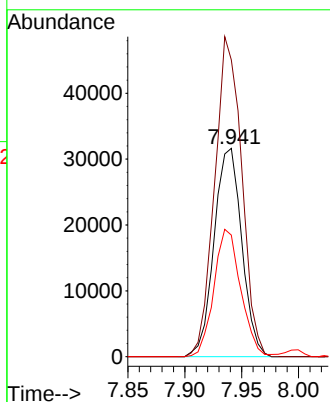
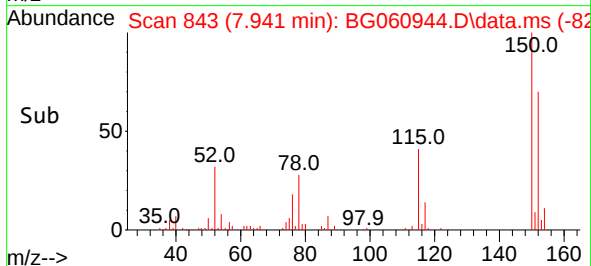
Instrument :
BNA_G
ClientSampleId :
RPI-SS-02



Tgt Ion:152 Resp: 5359
Ion Ratio Lower Upper
152 100
150 142.5 125.6 188.4
115 58.4 47.1 70.7

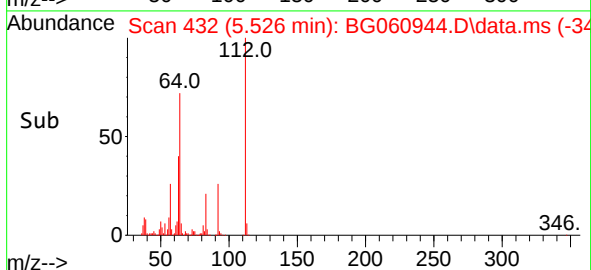
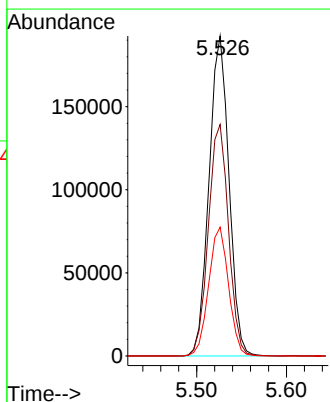
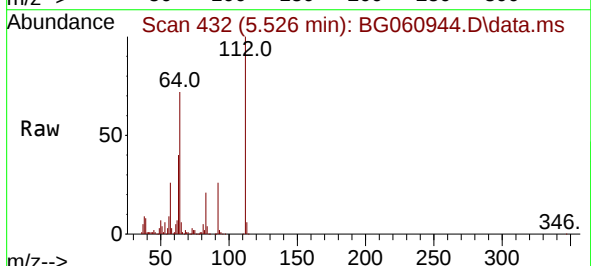
Manual Integrations
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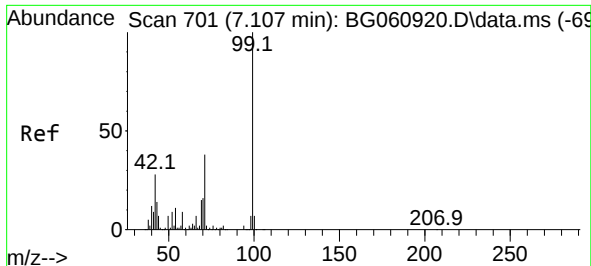
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#5
2-Fluorophenol
Concen: 96.241 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

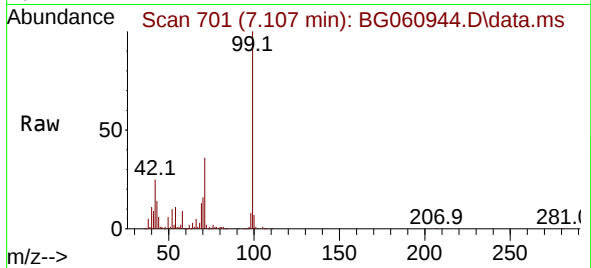
Tgt Ion:112 Resp: 296956
Ion Ratio Lower Upper
112 100
64 72.4 58.9 88.3
63 40.3 32.1 48.1





#7
Phenol-d6
Concen: 93.450 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

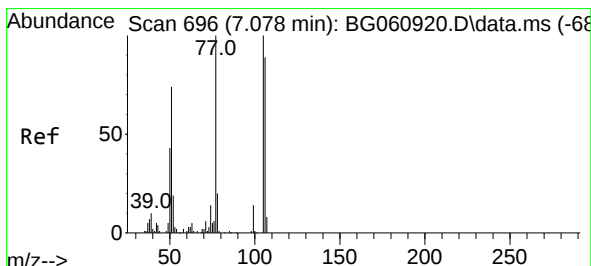
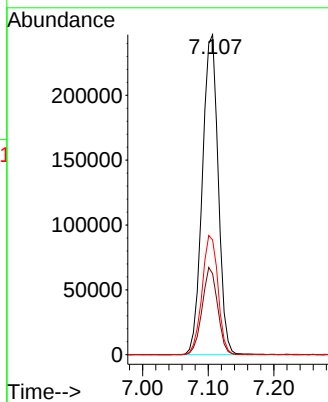
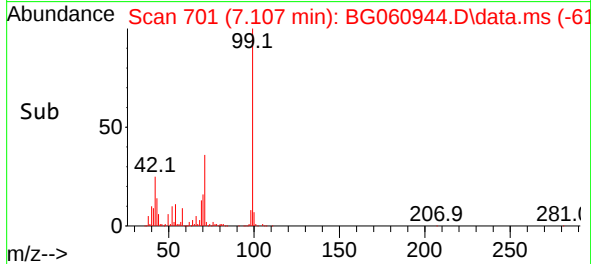
Instrument :
BNA_G
ClientSampleId :
RPI-SS-02



Tgt Ion: 99 Resp: 41538
Ion Ratio Lower Upper
99 100
42 25.3 22.2 33.2
71 35.9 30.5 45.7

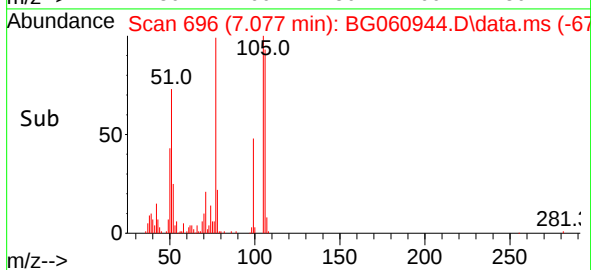
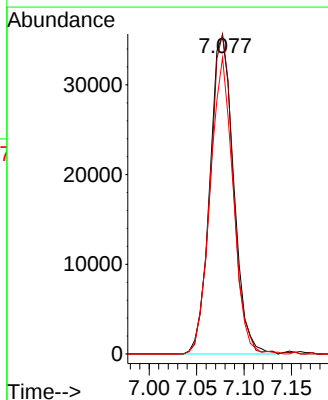
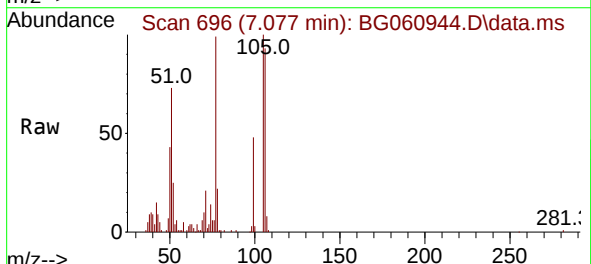
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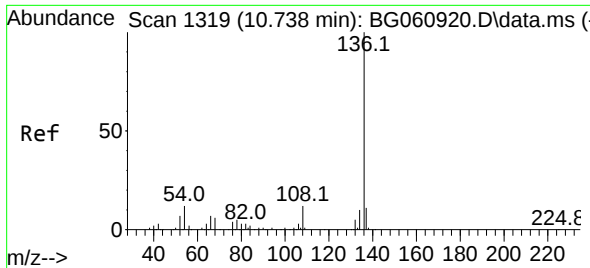
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#9
Benzaldehyde
Concen: 26.024 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Tgt Ion: 77 Resp: 62123
Ion Ratio Lower Upper
77 100
105 100.6 79.9 119.9
106 93.1 69.3 109.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1319
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Instrument :

BNA_G

ClientSampleId :

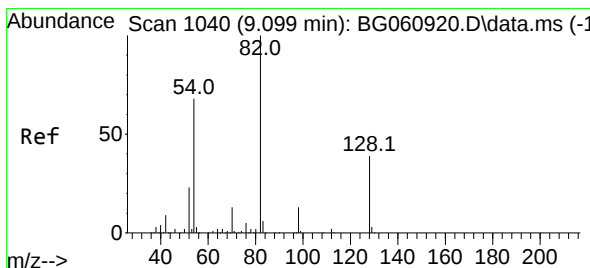
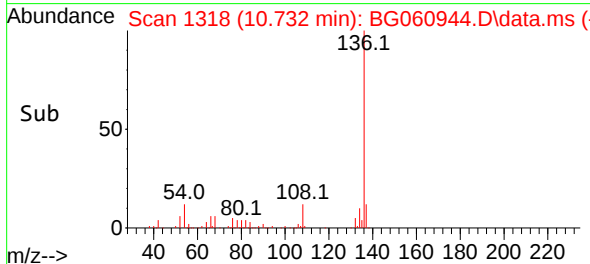
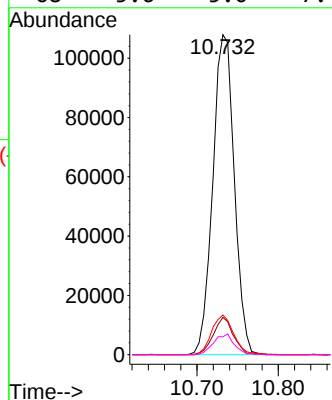
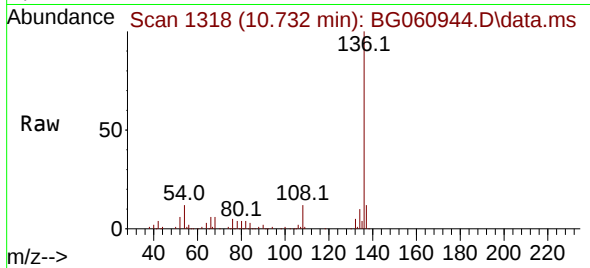
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Tgt Ion:136 Resp: 198524
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 12.4 9.8 14.8
68 5.6 5.0 7.4

Manual Integrations

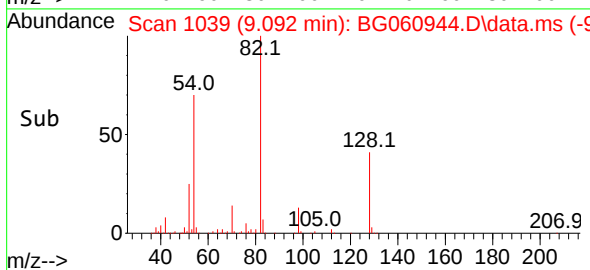
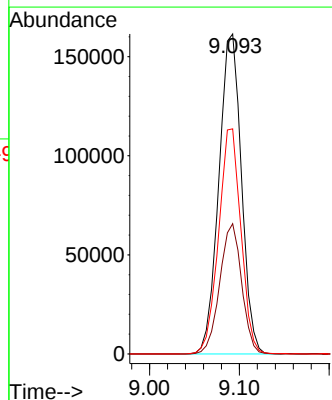
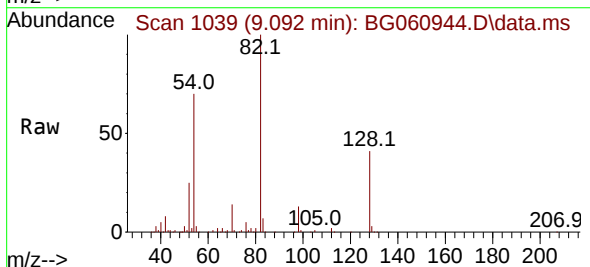
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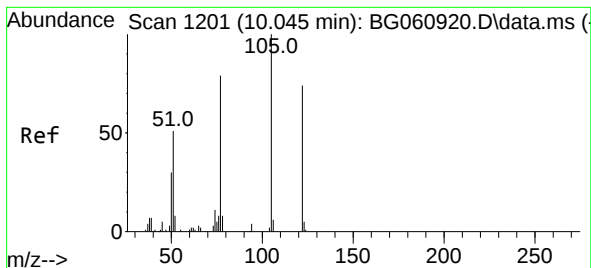
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#23
Nitrobenzene-d5
Concen: 64.349 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

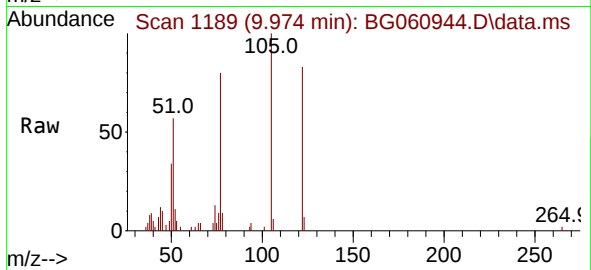
Tgt Ion: 82 Resp: 281397
Ion Ratio Lower Upper
82 100
128 40.7 31.4 47.0
54 70.4 54.2 81.4





#32
Benzoic acid
Concen: 6.126 ng/ml
RT: 9.974 min Scan# 1189
Delta R.T. -0.071 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

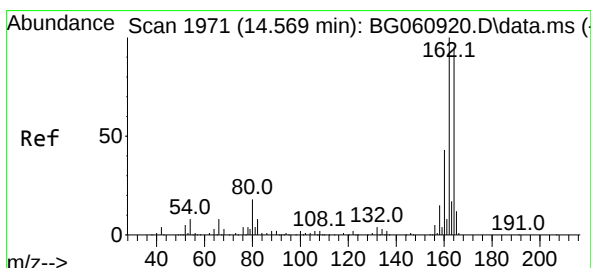
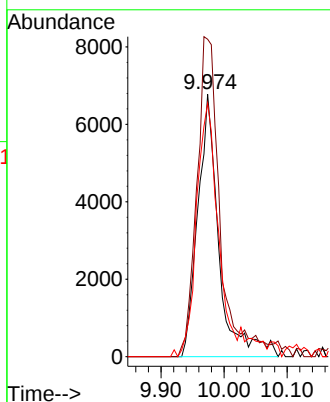
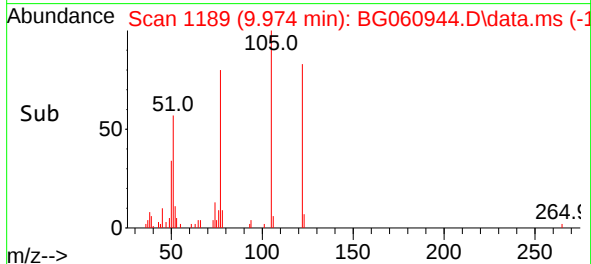
Instrument :
BNA_G
ClientSampleId :
RPI-SS-02



Tgt Ion:122 Resp: 15752
Ion Ratio Lower Upper
122 100
105 121.0 109.8 149.8
77 96.6 84.1 124.1

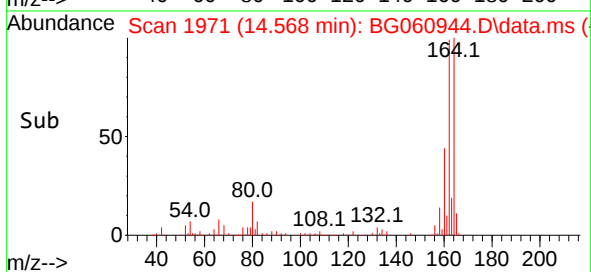
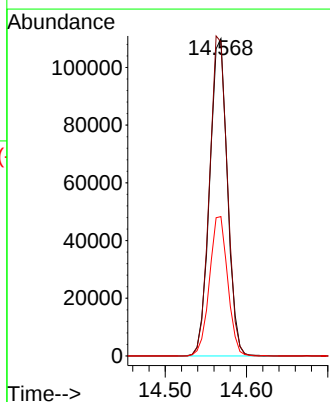
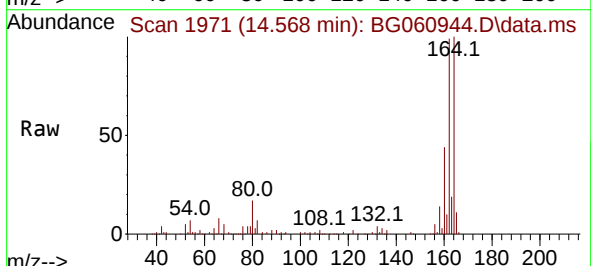
Manual Integrations
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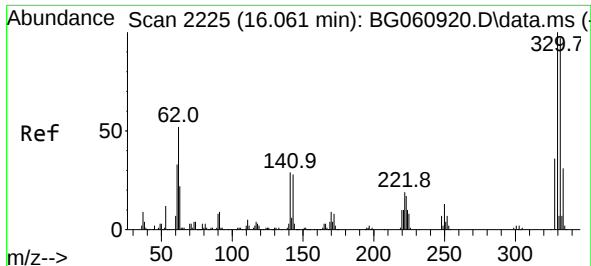
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Tgt Ion:164 Resp: 166359
Ion Ratio Lower Upper
164 100
162 99.0 84.1 126.1
160 43.9 35.9 53.9





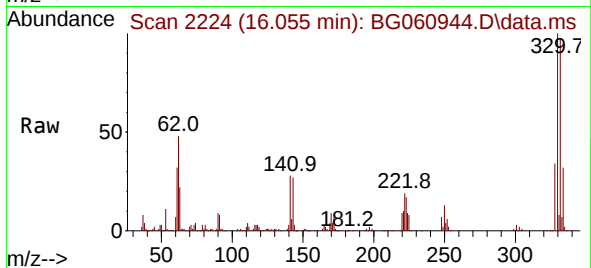
#42
2,4,6-Tribromophenol
Concen: 89.735 ng
RT: 16.055 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Instrument :

BNA_G

ClientSampleId :

RPI-SS-02



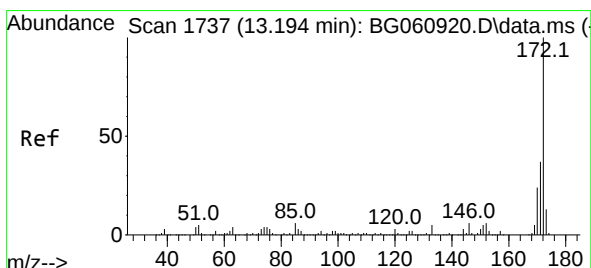
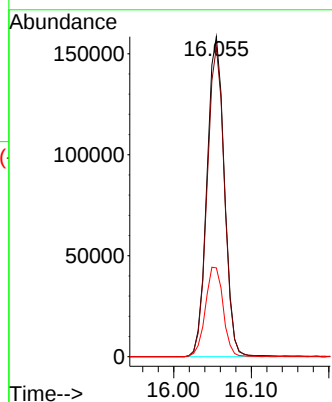
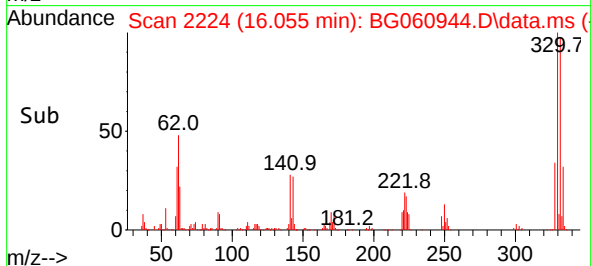
Tgt Ion:330 Resp: 246618
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 28.6 23.7 35.5

Manual Integrations

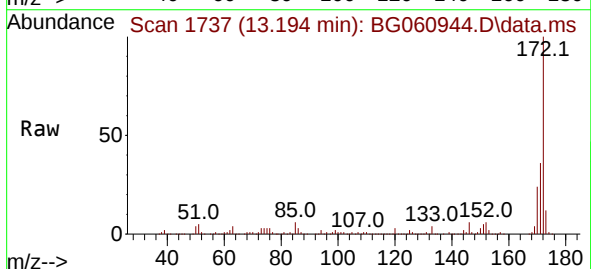
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

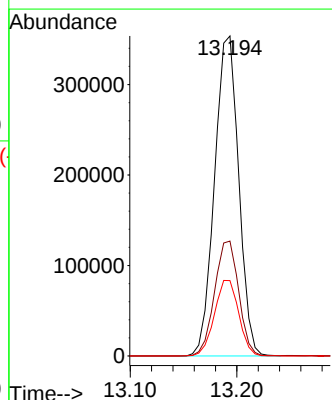
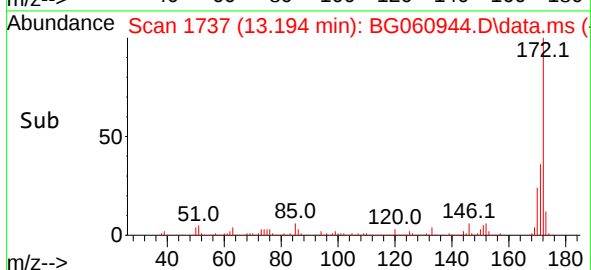
Supervised By :mohammad ahmed 04/22/2024

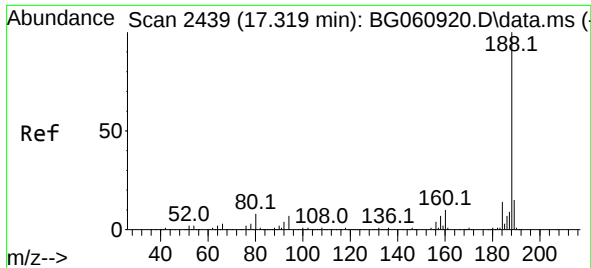


#45
2-Fluorobiphenyl
Concen: 49.022 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38



Tgt Ion:172 Resp: 555738
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.6 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Instrument :

BNA_G

ClientSampleId :

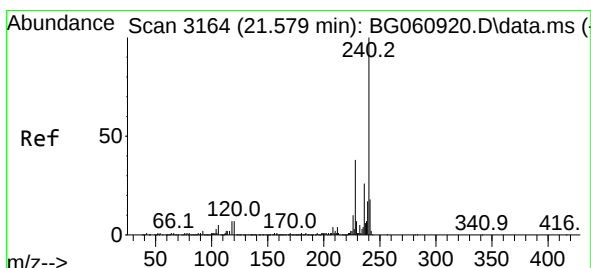
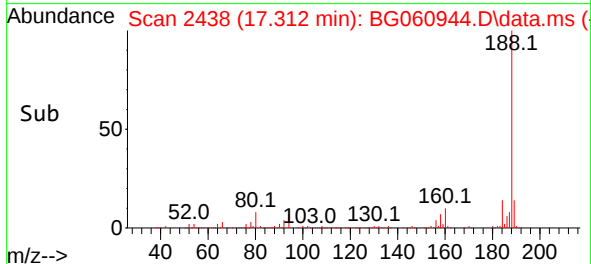
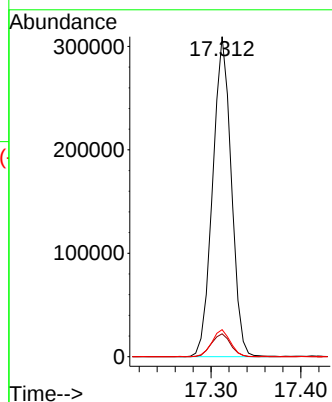
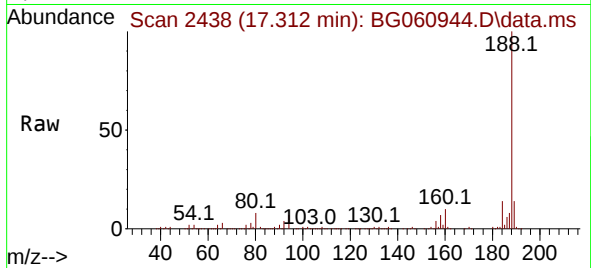
RPI-SS-02

Tgt Ion:188 Resp: 44552
Ion Ratio Lower Upper
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80 8.5 6.6 9.8

Manual Integrations

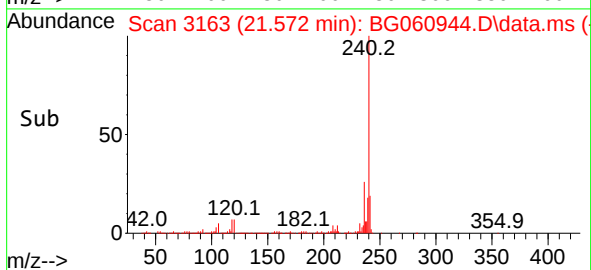
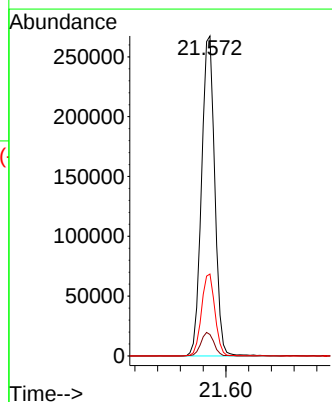
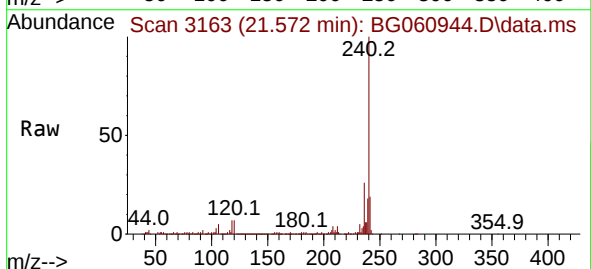
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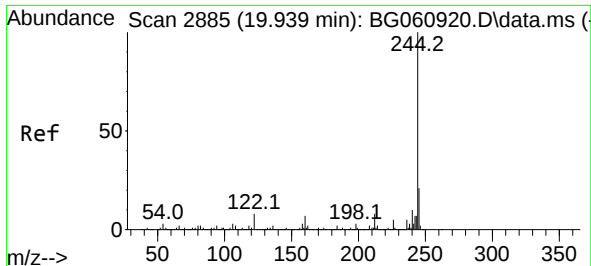
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

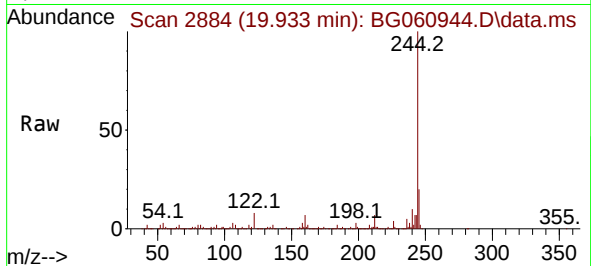
Tgt Ion:240 Resp: 431092
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.6 21.1 31.7





#79
Terphenyl-d14
Concen: 40.551 ng
RT: 19.933 min Scan# 2884
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

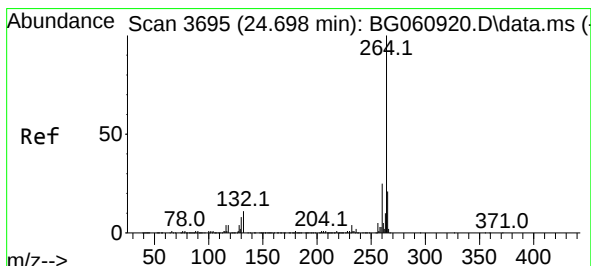
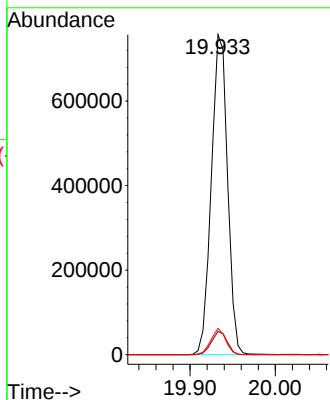
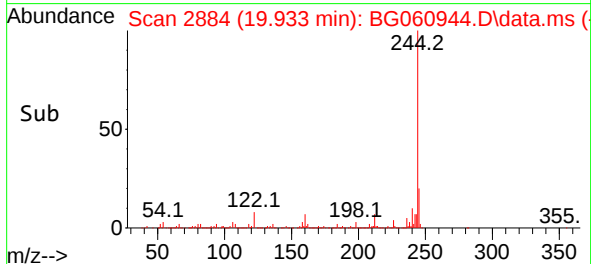
Instrument :
BNA_G
ClientSampleId :
RPI-SS-02



Tgt Ion:244 Resp: 100164
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.2 6.6 9.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.007 min
Lab File: BG060944.D
Acq: 18 Apr 2024 20:38

Tgt Ion:264 Resp: 500507
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.4 16.6 25.0

