

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060992.D
 Acq On : 22 Apr 2024 15:20
 Operator : MA/JU
 Sample : P2127-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SILICA

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 02:17:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	26099	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	97910	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	82846	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	201415	20.000	ng	0.00
76) Chrysene-d12	21.571	240	195755	20.000	ng	0.00
86) Perylene-d12	24.697	264	237354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	152959	118.548	ng	0.00
7) Phenol-d6	7.159	99	204942m	107.052	ng	0.05
23) Nitrobenzene-d5	9.098	82	161128	73.939	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	204229	112.261	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	469828	78.489	ng	0.00
79) Terphenyl-d14	19.938	244	1034643	82.042	ng	0.00

Target Compounds	Qvalue

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

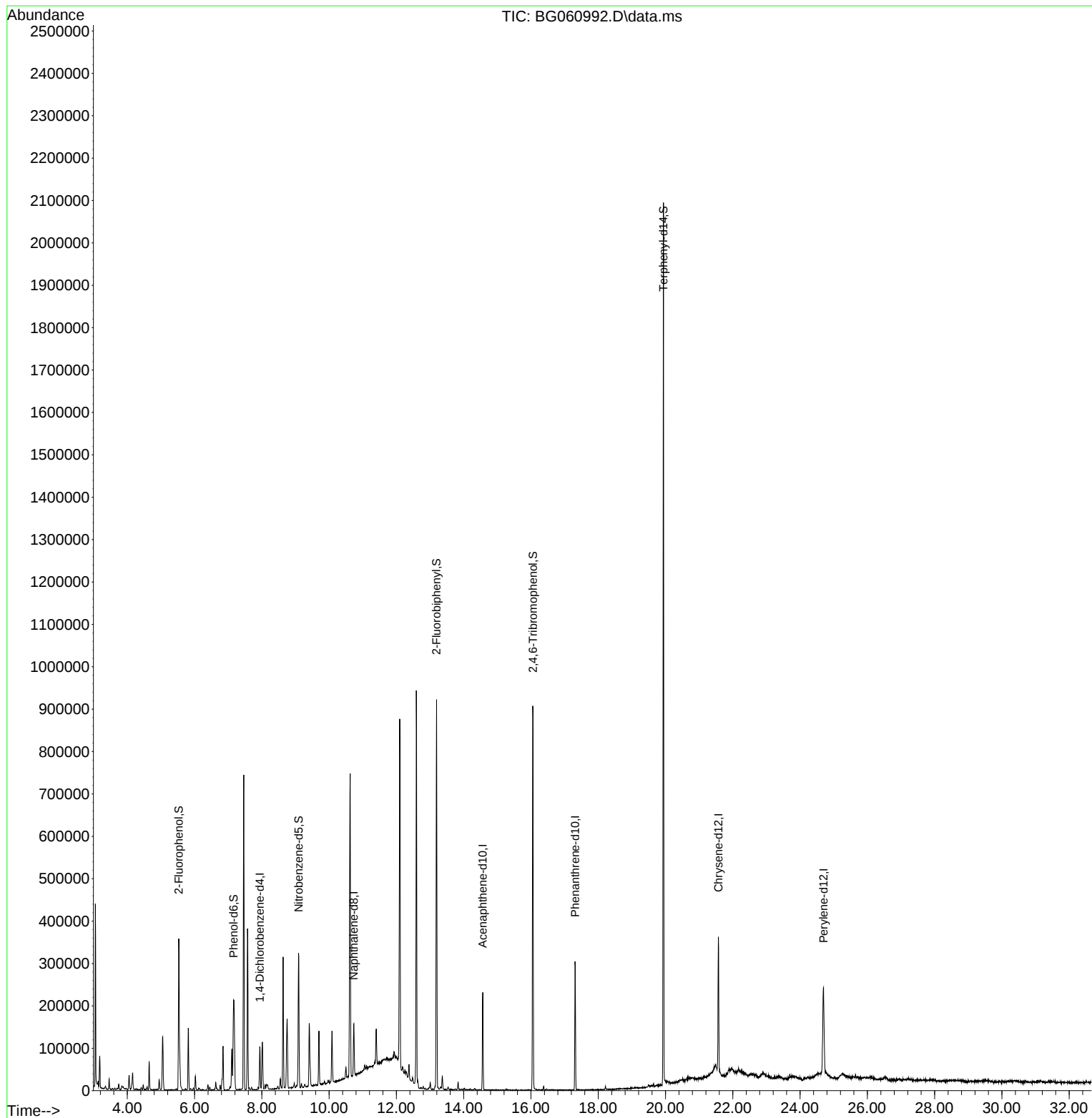
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

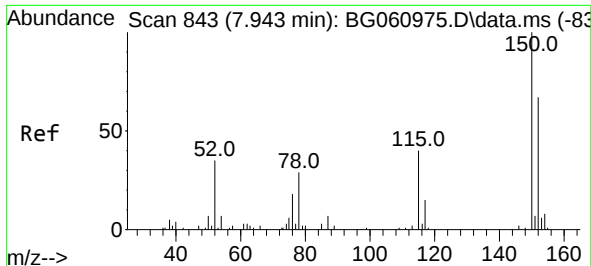
Instrument :
BNA_G
ClientSampleId :
SILICA

Quant Time: Apr 23 02:17:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024





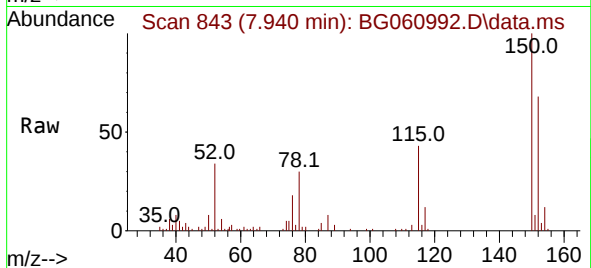
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Instrument :

BNA_G

ClientSampleId :

SILICA



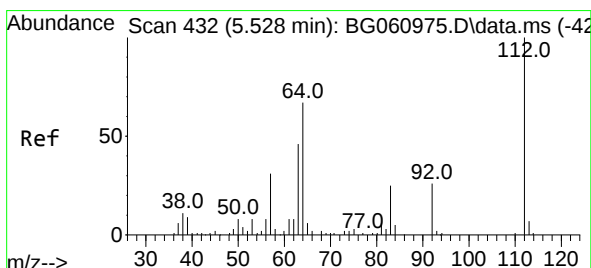
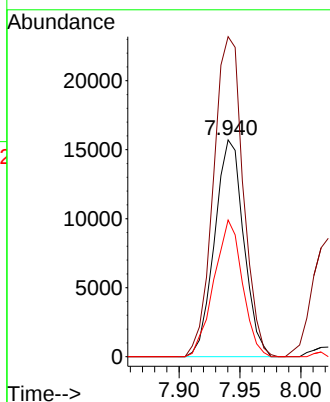
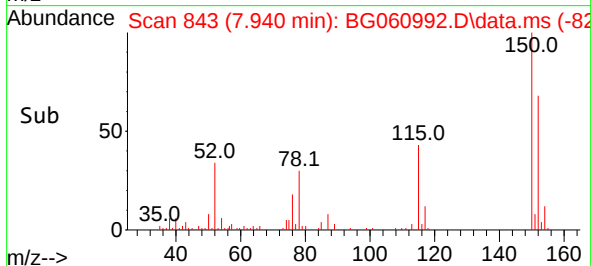
Tgt Ion:152 Resp: 26099
Ion Ratio Lower Upper
152 100
150 147.6 118.6 178.0
115 63.0 47.4 71.0

Manual Integrations

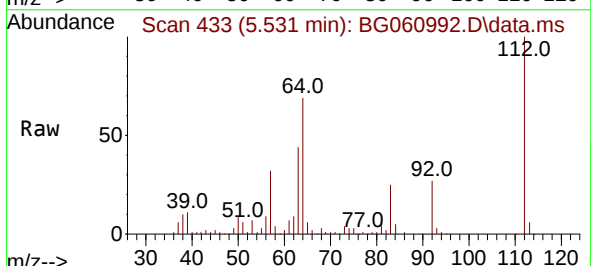
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

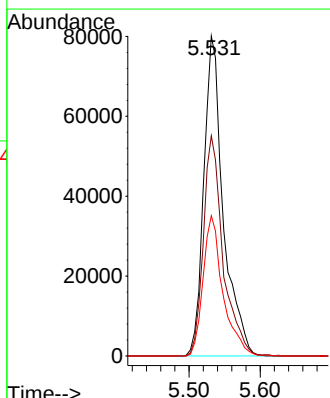
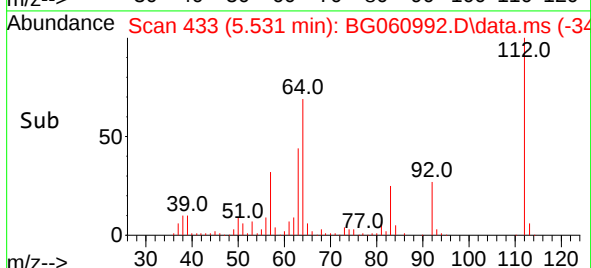
Supervised By :mohammad ahmed 04/24/2024

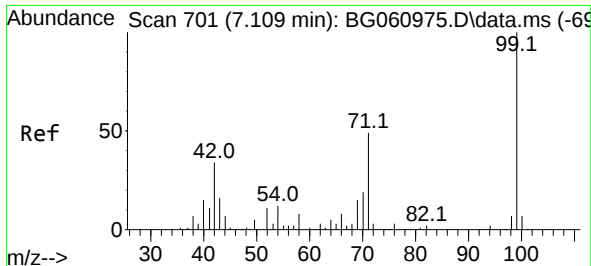


#5
2-Fluorophenol
Concen: 118.548 ng
RT: 5.531 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20



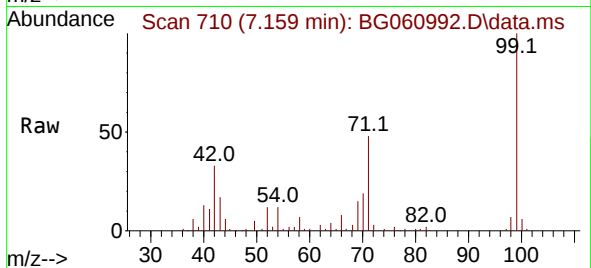
Tgt Ion:112 Resp: 152959
Ion Ratio Lower Upper
112 100
64 68.8 53.7 80.5
63 43.8 37.0 55.6





#7
Phenol-d6
Concen: 107.052 ng m
RT: 7.159 min Scan# 71
Delta R.T. 0.050 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

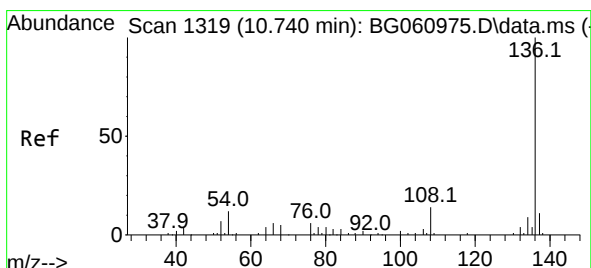
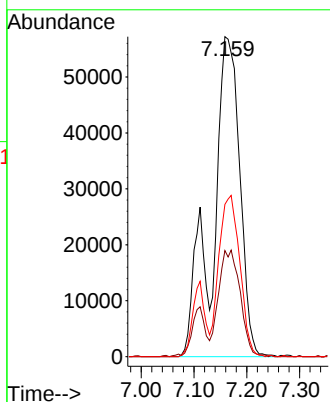
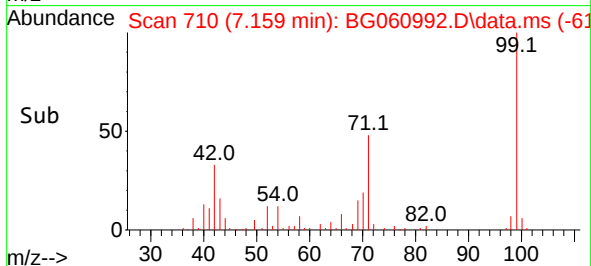
Instrument :
BNA_G
ClientSampleId :
SILICA



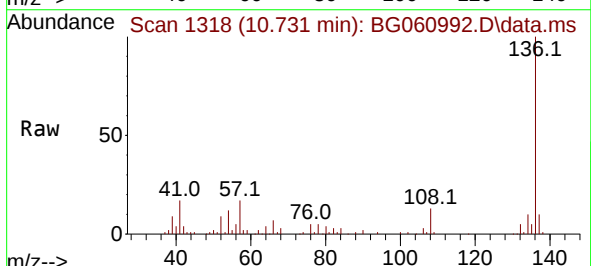
Tgt Ion: 99 Resp: 20494
Ion Ratio Lower Upper
99 100
42 33.1 27.2 40.8
71 47.6 38.8 58.2

Manual Integrations
APPROVED

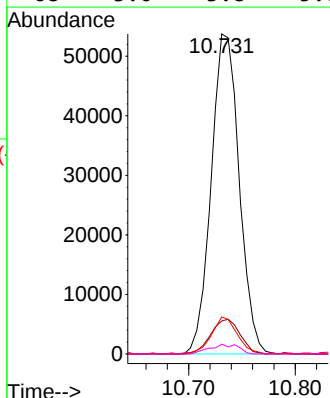
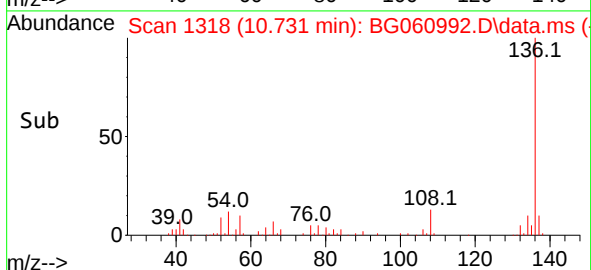
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

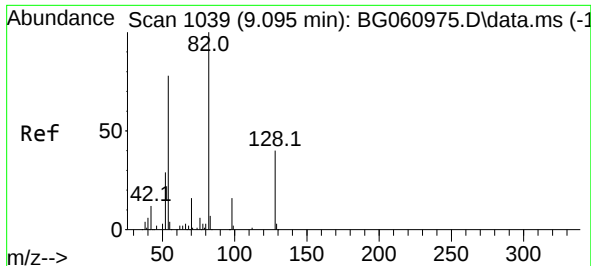


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.009 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20



Tgt Ion:136 Resp: 97910
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 11.5 9.4 14.0
68 3.0 3.8 5.6#





#23
Nitrobenzene-d5
Concen: 73.939 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Instrument :

BNA_G

ClientSampleId :

SILICA

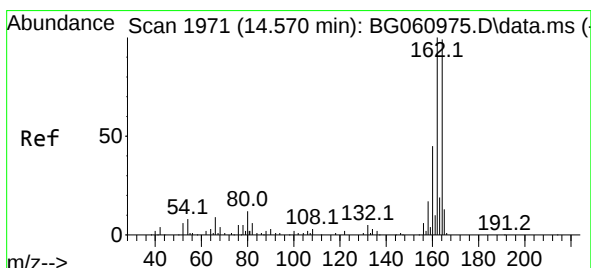
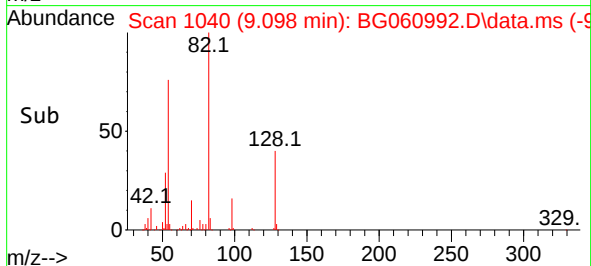
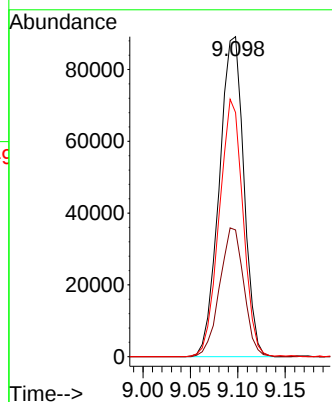
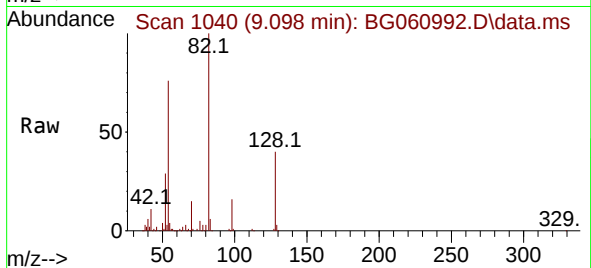
Tgt Ion: 82 Resp: 161128
Ion Ratio Lower Upper
82 100
128 39.6 32.1 48.1
54 76.3 62.3 93.5

Manual Integrations

APPROVED

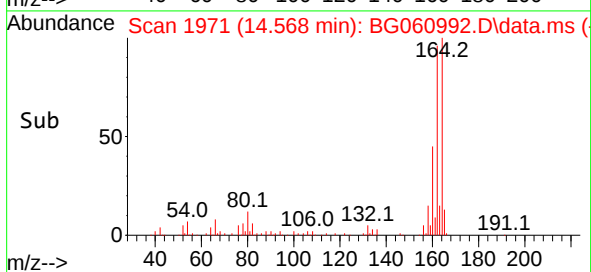
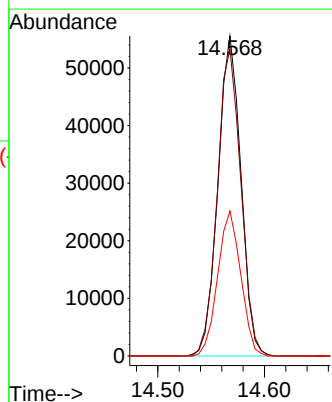
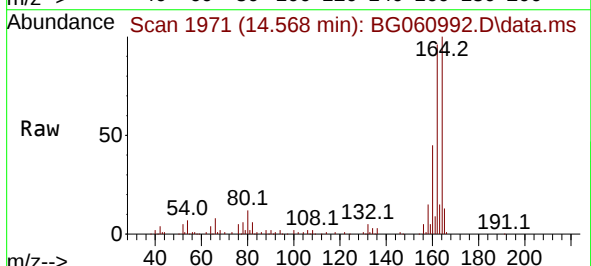
Reviewed By :Yogesh Patel 04/24/2024

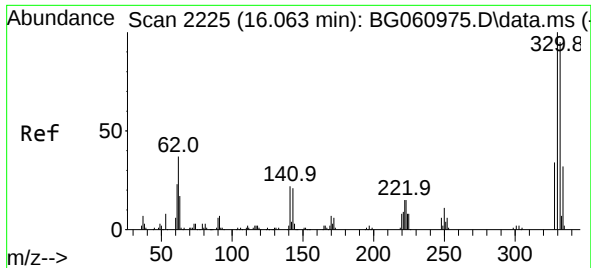
Supervised By :mohammad ahmed 04/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Tgt Ion:164 Resp: 82846
Ion Ratio Lower Upper
164 100
162 96.0 81.2 121.8
160 45.3 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 112.261 ng
RT: 16.060 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Instrument :

BNA_G

ClientSampleId :

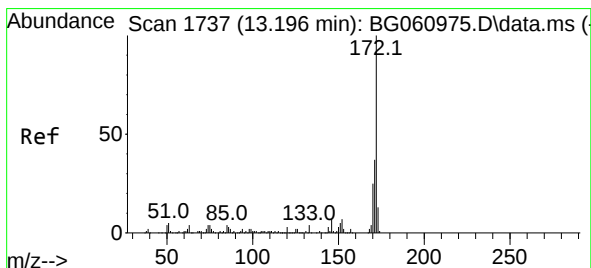
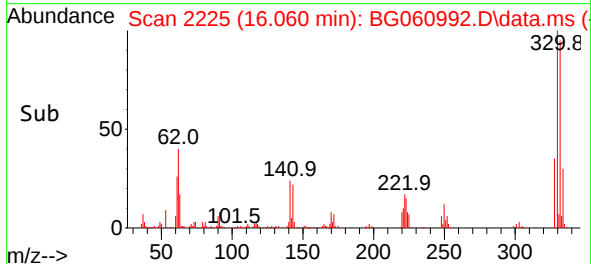
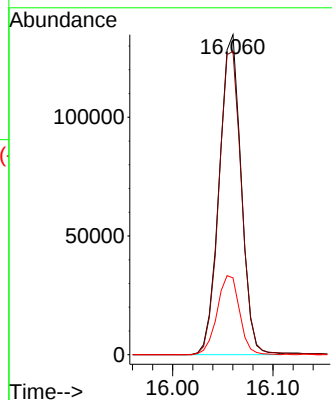
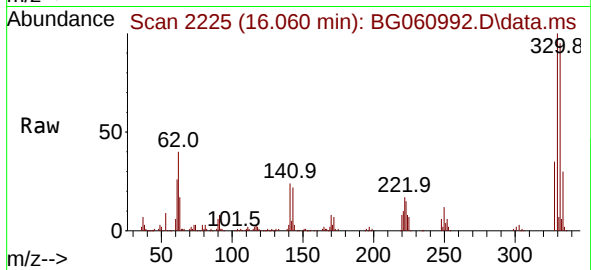
SILICA

Tgt Ion:330 Resp: 204229
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 25.3 20.6 31.0

Manual Integrations

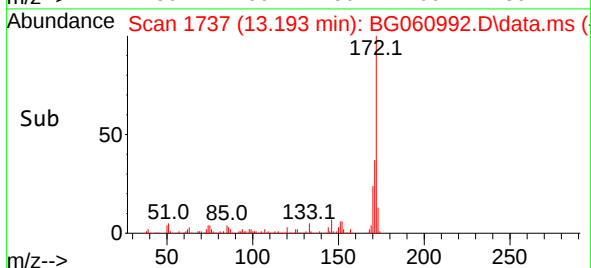
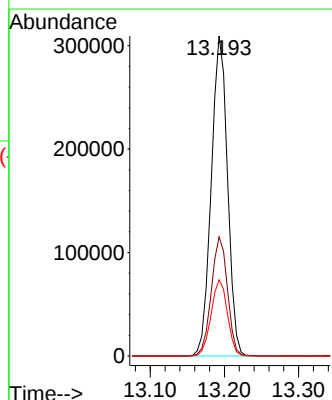
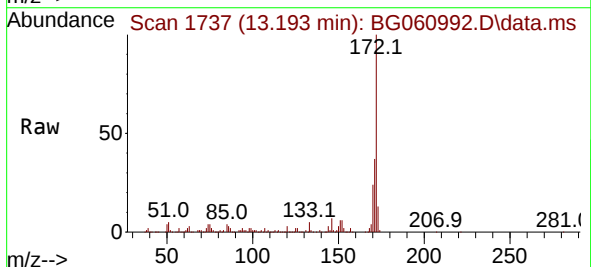
APPROVED

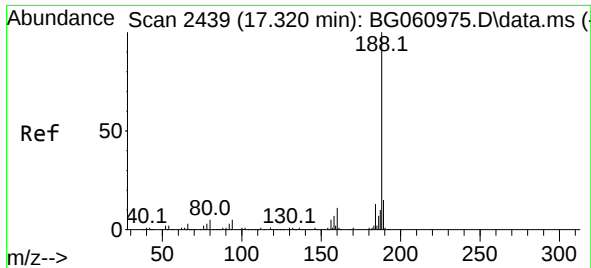
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#45
2-Fluorobiphenyl
Concen: 78.489 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Tgt Ion:172 Resp: 469828
Ion Ratio Lower Upper
172 100
171 37.2 29.3 43.9
170 23.8 20.1 30.1





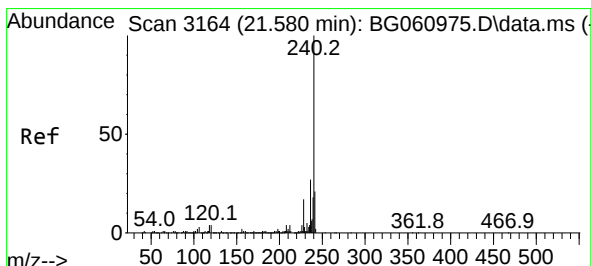
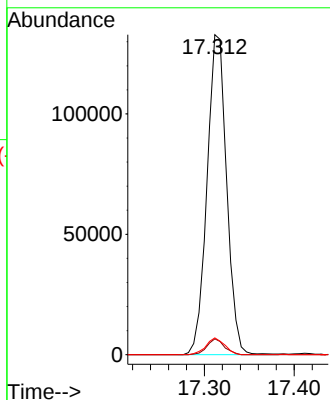
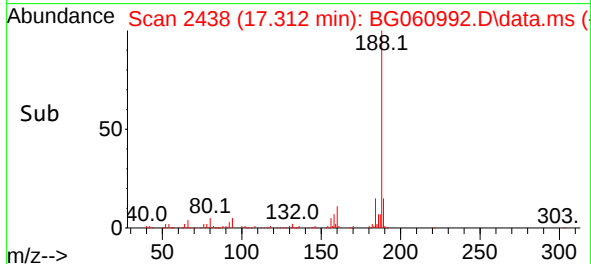
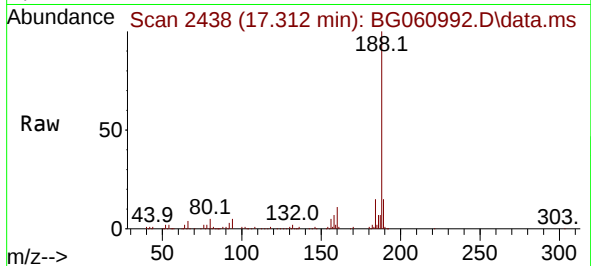
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

Instrument :
BNA_G
ClientSampleId :
SILICA

Tgt Ion:188 Resp: 201415
Ion Ratio Lower Upper
188 100
94 4.9 4.1 6.1
80 5.2 4.0 6.0

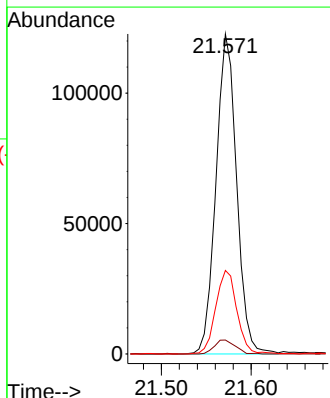
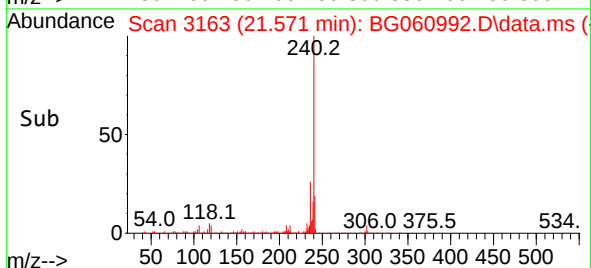
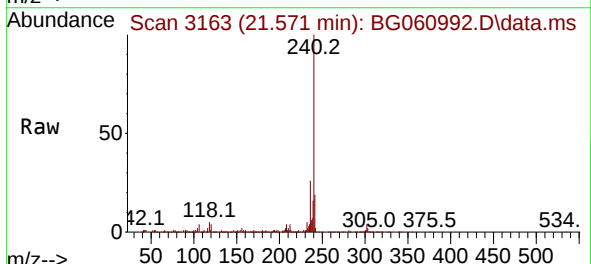
Manual Integrations
APPROVED

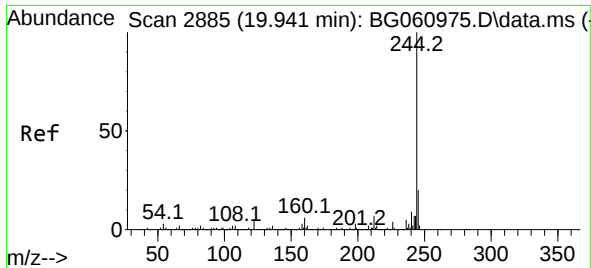
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.009 min
Lab File: BG060992.D
Acq: 22 Apr 2024 15:20

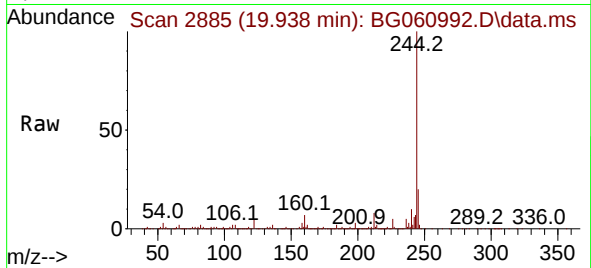
Tgt Ion:240 Resp: 195755
Ion Ratio Lower Upper
240 100
120 4.4 3.0 4.6
236 26.1 21.8 32.6





#79
 Terphenyl-d14
 Concen: 82.042 ng
 RT: 19.938 min Scan# 2885
 Delta R.T. -0.003 min
 Lab File: BG060992.D
 Acq: 22 Apr 2024 15:20

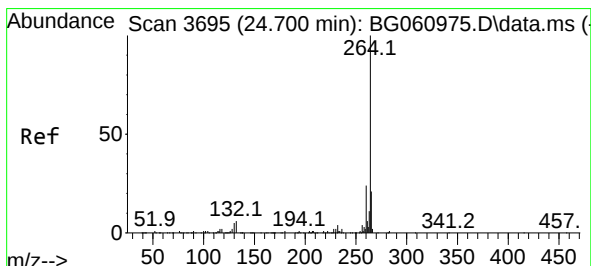
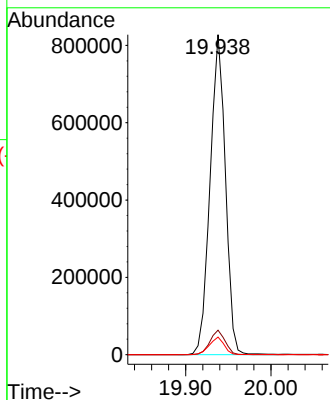
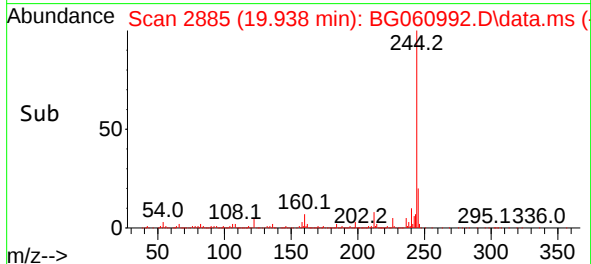
Instrument :
 BNA_G
 ClientSampleId :
 SILICA



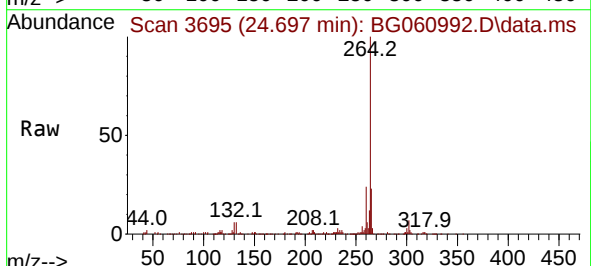
Tgt Ion:244 Resp: 103464
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 5.5 4.2 6.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: BG060992.D
 Acq: 22 Apr 2024 15:20



Tgt Ion:264 Resp: 237354
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 23.1 17.0 25.4

