

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055971.D
 Acq On : 14 Dec 2022 22:52
 Operator : CG/JU
 Sample : N6025-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-121222

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 00:53:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	8118	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	29618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	22470	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	54608	20.000	ng	0.00
76) Chrysene-d12	22.025	240	58276	20.000	ng	0.00
86) Perylene-d12	25.521	264	62484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	50675	146.393	ng	0.00
7) Phenol-d6	7.501	99	62759	140.966	ng	0.00
23) Nitrobenzene-d5	9.546	82	42156	99.465	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	80646	148.843	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	151629	94.641	ng	0.00
79) Terphenyl-d14	20.298	244	277364	84.119	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.760	178	11553	4.037	ng	98
75) Fluoranthene	19.746	202	31435	7.844	ng	99
78) Pyrene	20.110	202	30200	8.564	ng	99
81) Benzo(a)anthracene	22.002	228	23475	5.725	ng	# 94
83) Chrysene	22.072	228	20819	5.417	ng	# 94
88) Benzo(b)fluoranthene	24.411	252	31162	7.706	ng	# 94
89) Benzo(k)fluoranthene	24.475	252	12427m	3.080	ng	
90) Benzo(a)pyrene	25.357	252	18709	5.473	ng	# 82

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

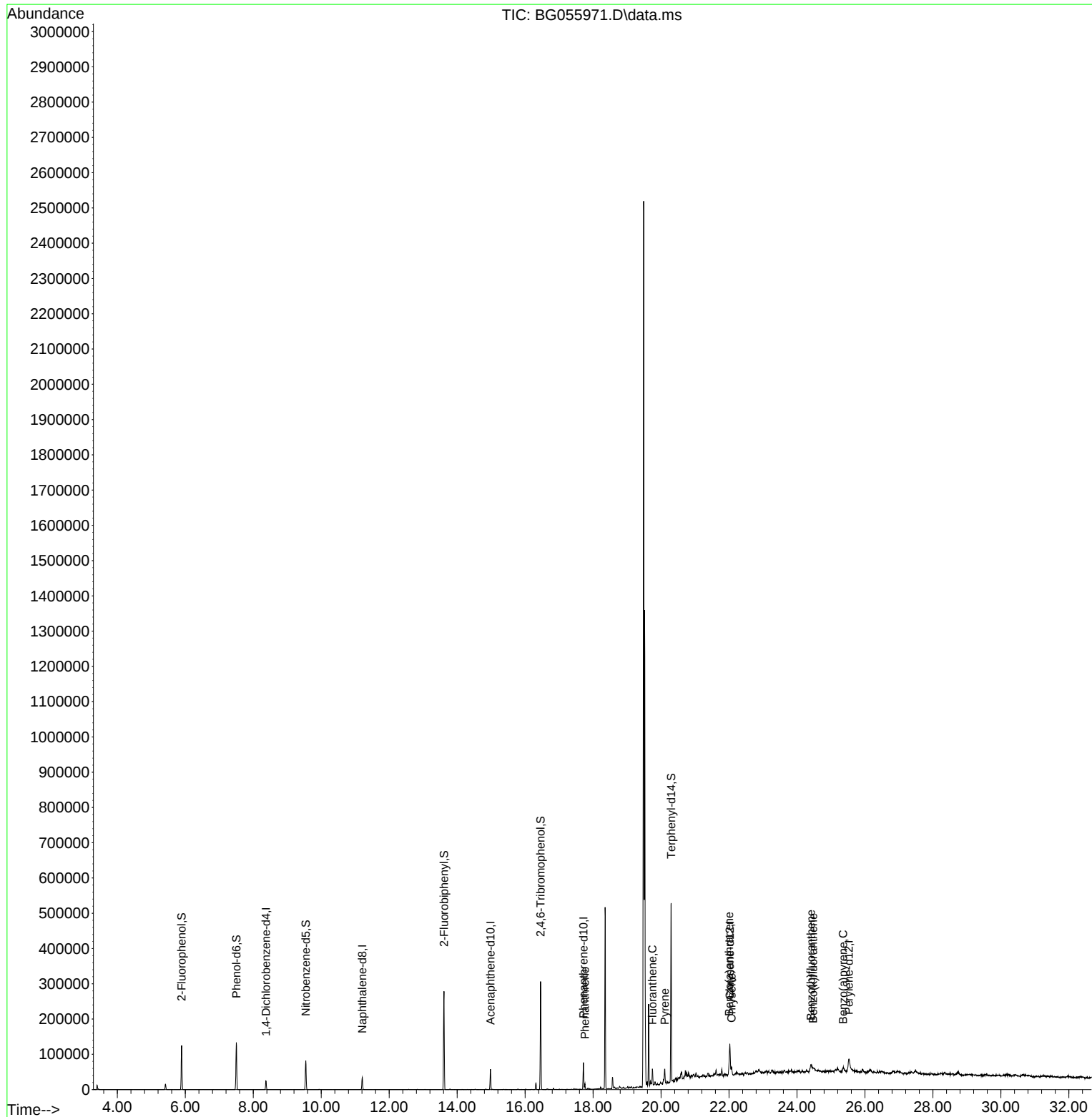
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055971.D
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Sample : N6025-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

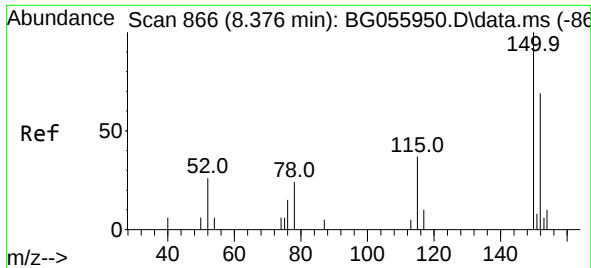
Instrument :
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NB-07-121222

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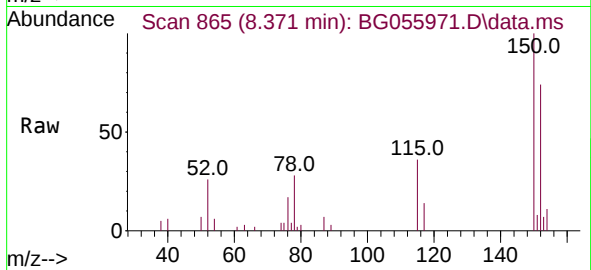
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

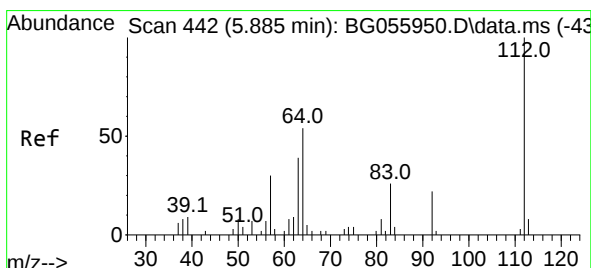
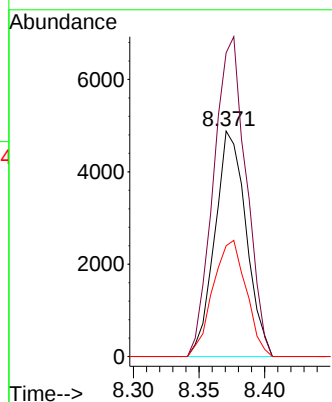
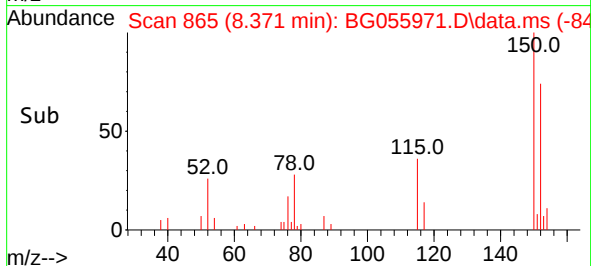
Instrument :
BNA_G
ClientSampleId :
NB-07-121222



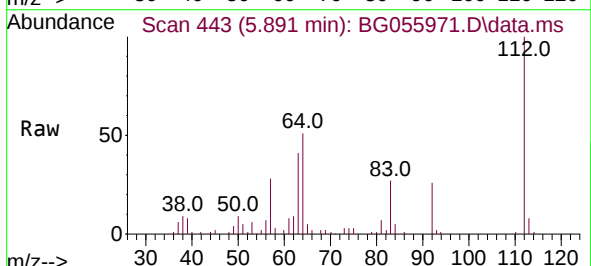
Tgt Ion:152 Resp: 8118
Ion Ratio Lower Upper
152 100
150 134.7 115.7 173.5
115 49.1 43.0 64.4

Manual Integrations
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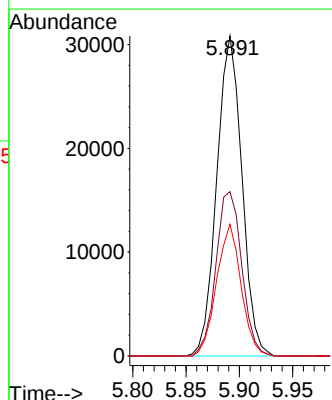
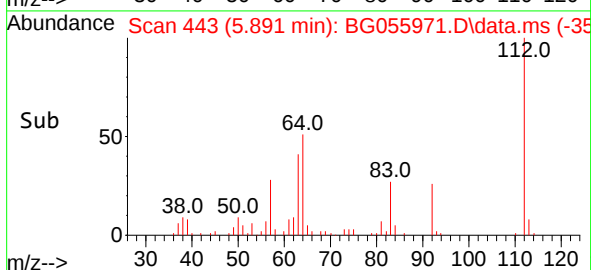
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

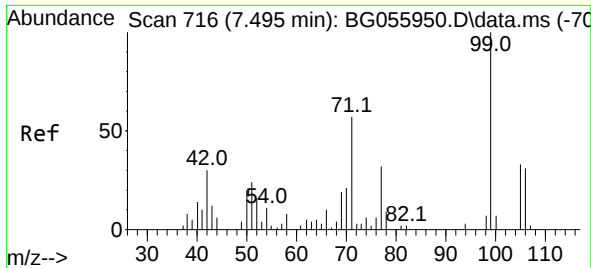


#5
2-Fluorophenol
Concen: 146.393 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52



Tgt Ion:112 Resp: 50675
Ion Ratio Lower Upper
112 100
64 51.3 43.0 64.4
63 41.1 31.4 47.2





#7

Phenol-d6

Concen: 140.966 ng

RT: 7.501 min Scan# 71

Delta R.T. 0.006 min

Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

NB-07-121222

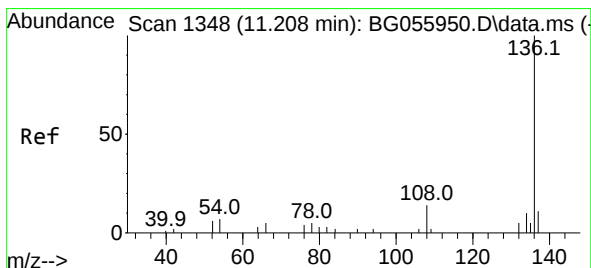
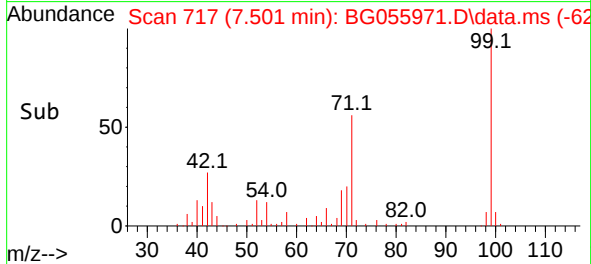
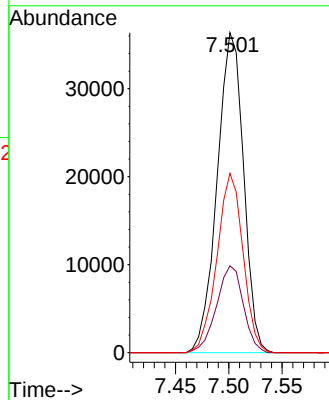
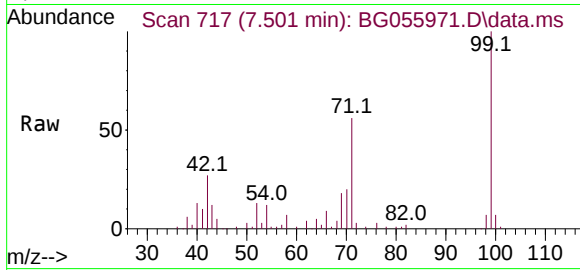
Tgt Ion: 99 Resp: 62759

Ion	Ratio	Lower	Upper
99	100		
42	27.1	24.3	36.5
71	56.0	45.6	68.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.208 min Scan# 1348

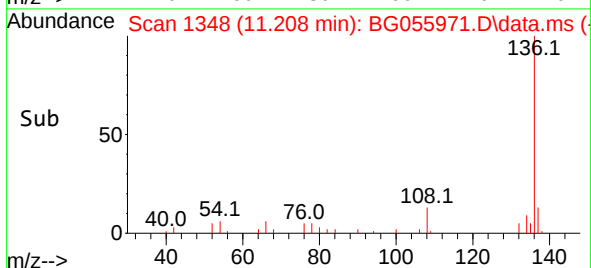
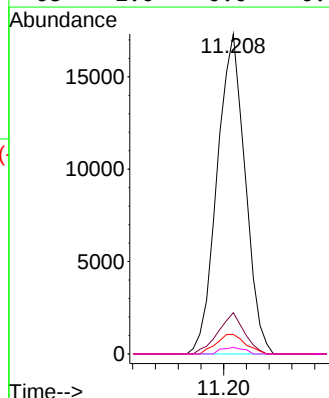
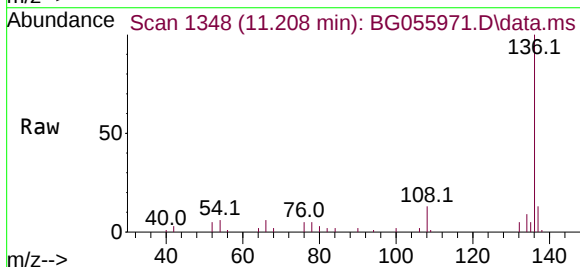
Delta R.T. 0.000 min

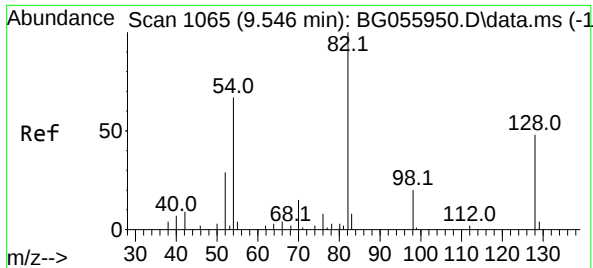
Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

Tgt Ion:136 Resp: 29618

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	6.1	5.6	8.4
68	2.0	0.0	0.0





#23

Nitrobenzene-d5

Concen: 99.465 ng

RT: 9.546 min Scan# 1065

Delta R.T. 0.000 min

Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

NB-07-121222

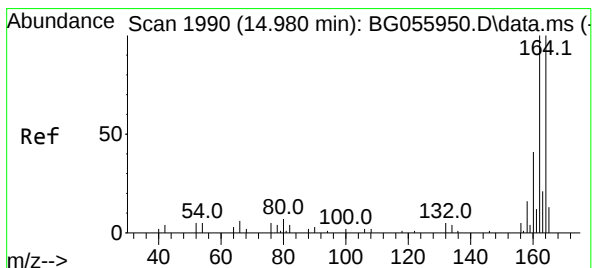
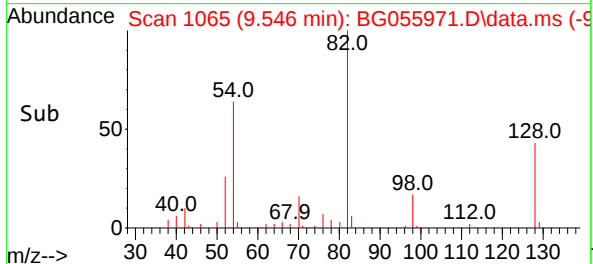
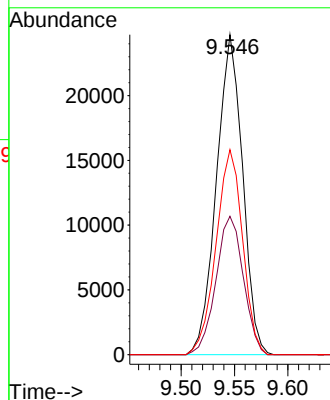
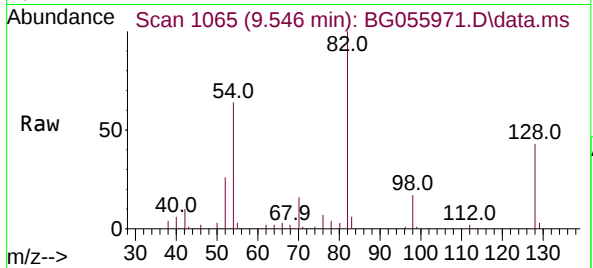
Tgt Ion: 82 Resp: 42156

Ion	Ratio	Lower	Upper
82	100		
128	43.2	38.4	57.6
54	64.0	53.3	79.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.980 min Scan# 1990

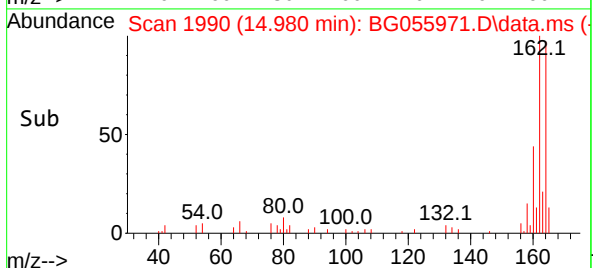
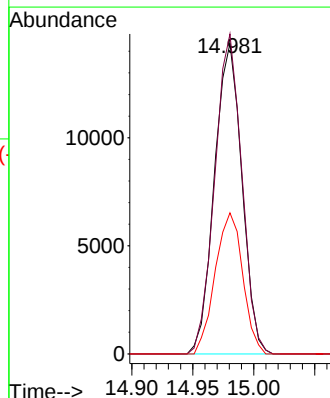
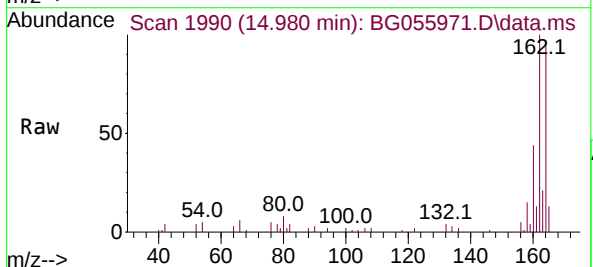
Delta R.T. 0.000 min

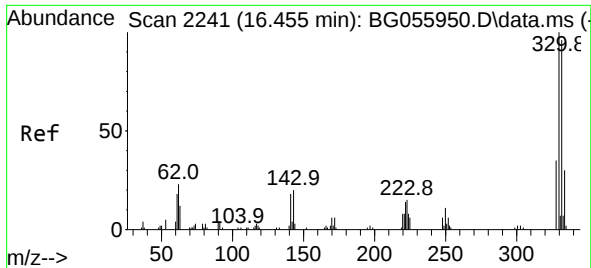
Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

Tgt Ion:164 Resp: 22470

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.8	119.8
160	45.5	33.0	49.4





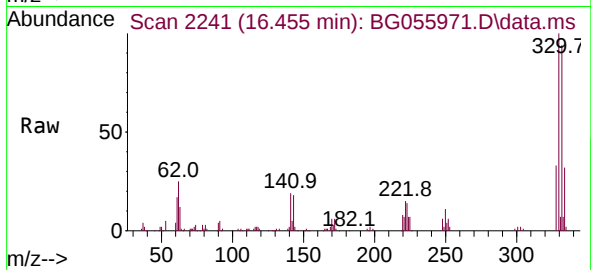
#42
2,4,6-Tribromophenol
Concen: 148.843 ng
RT: 16.455 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :

BNA_G

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NB-07-121222

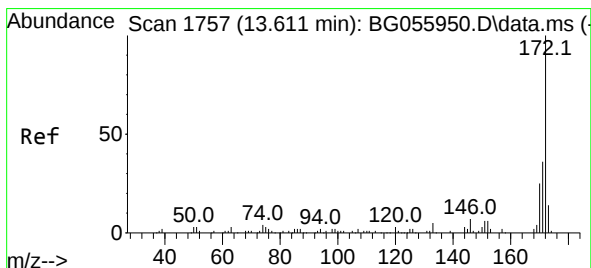
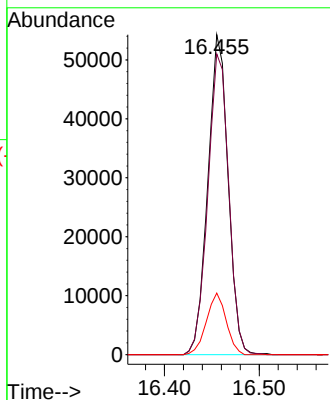
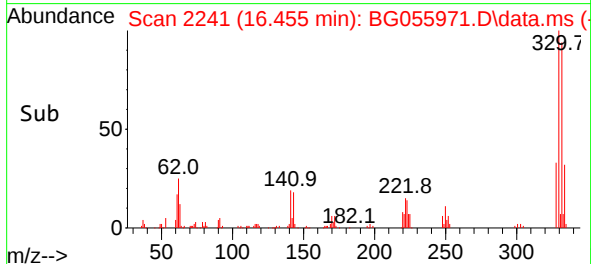


Tgt Ion:330 Resp: 80646
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 18.7 15.0 22.4

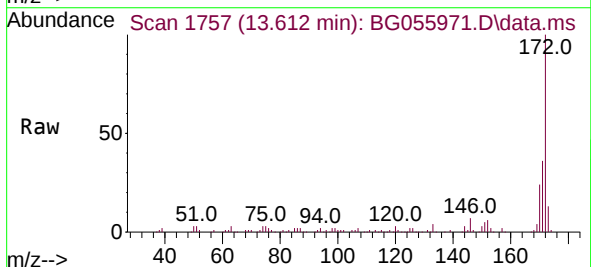
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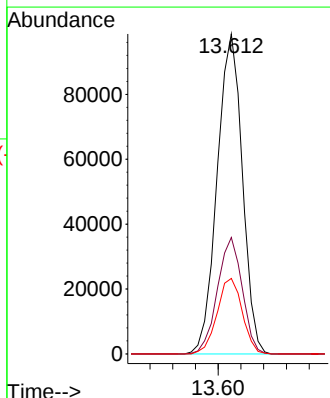
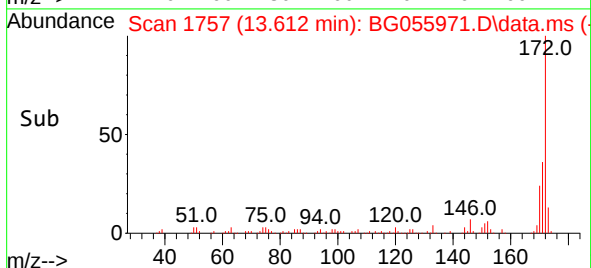
Reviewed By :Jagrut Upadhyay 12/15/2022
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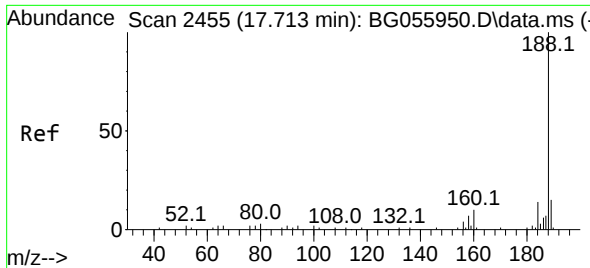


#45
2-Fluorobiphenyl
Concen: 94.641 ng
RT: 13.612 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52



Tgt Ion:172 Resp: 151629
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 23.6 19.9 29.9





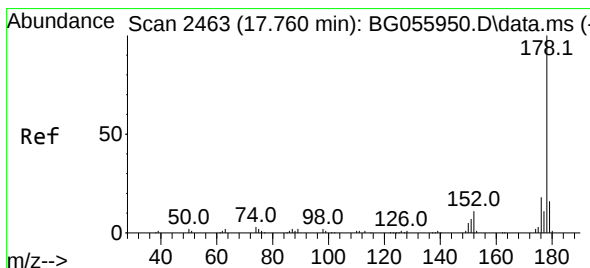
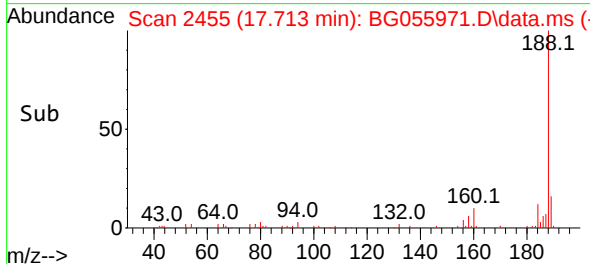
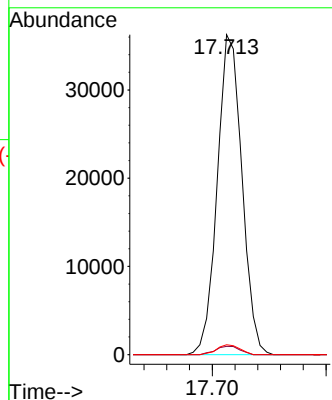
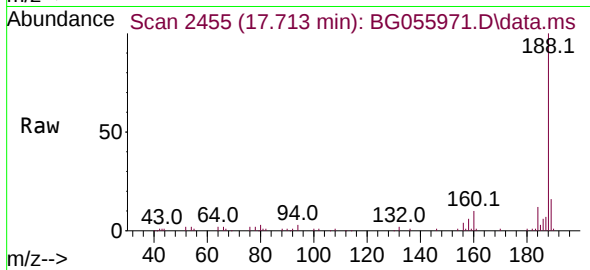
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:188 Resp: 54608
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.8
80 3.1 2.4 3.6

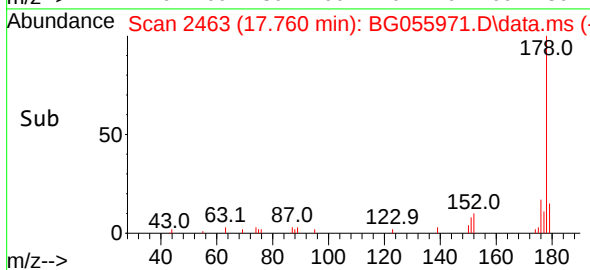
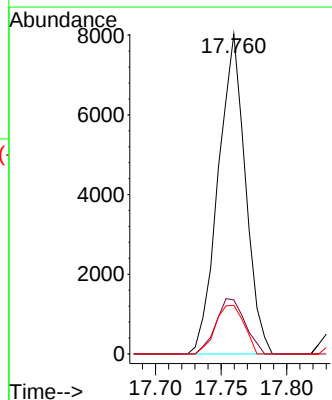
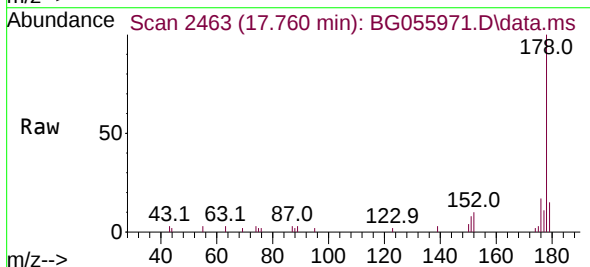
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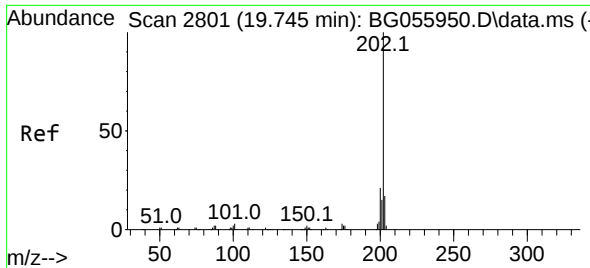
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#71
Phenanthrene
Concen: 4.037 ng
RT: 17.760 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

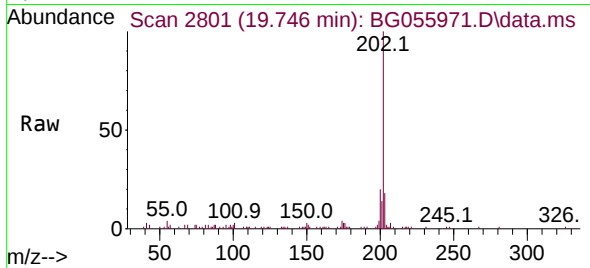
Tgt Ion:178 Resp: 11553
Ion Ratio Lower Upper
178 100
176 16.9 14.4 21.6
179 15.2 12.7 19.1





#75
Fluoranthene
Concen: 7.844 ng
RT: 19.746 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

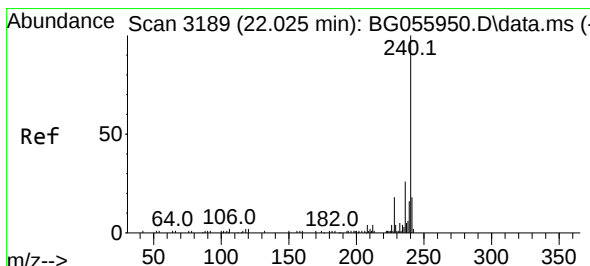
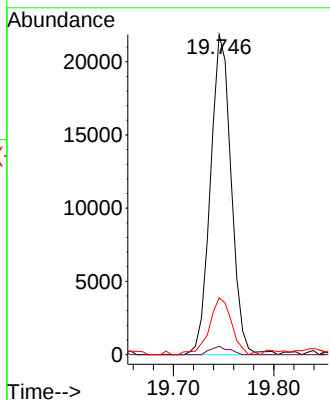
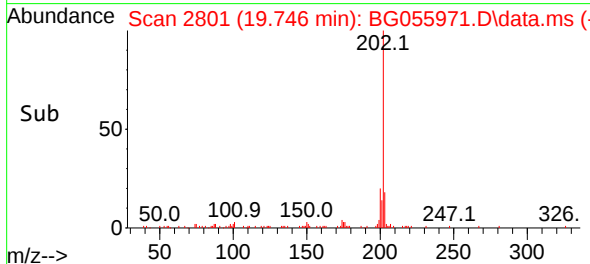
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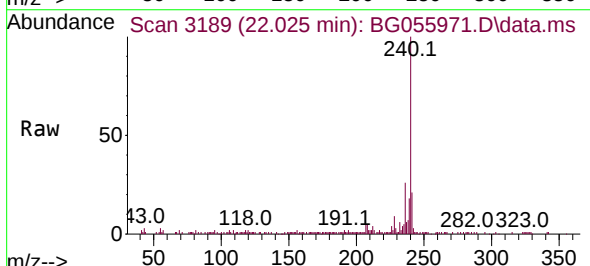
Tgt Ion:202 Resp: 31435
Ion Ratio Lower Upper
202 100
101 2.6 0.0 22.6
203 17.8 0.0 37.1

Manual Integrations
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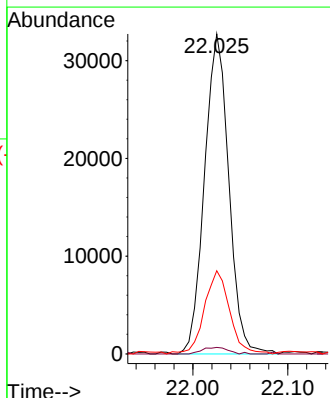
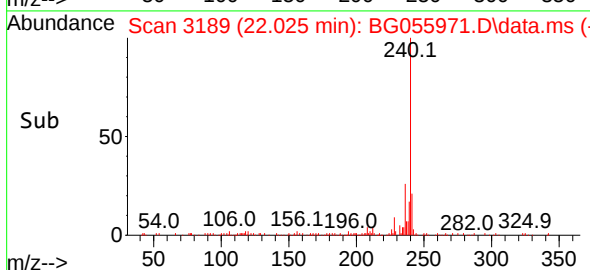
Reviewed By :Jagrut Upadhyay 12/15/2022
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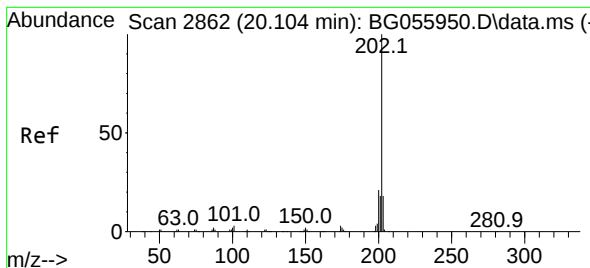


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52



Tgt Ion:240 Resp: 58276
Ion Ratio Lower Upper
240 100
120 2.0 1.7 2.5
236 26.0 21.1 31.7





#78

Pyrene

Concen: 8.564 ng

RT: 20.110 min Scan# 2863

Delta R.T. 0.006 min

Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

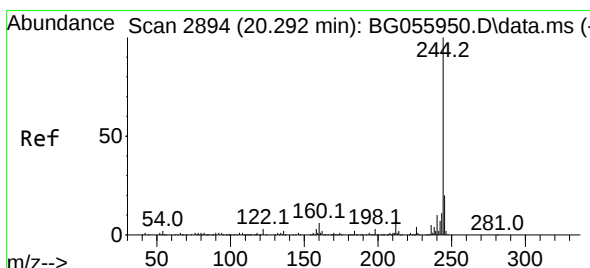
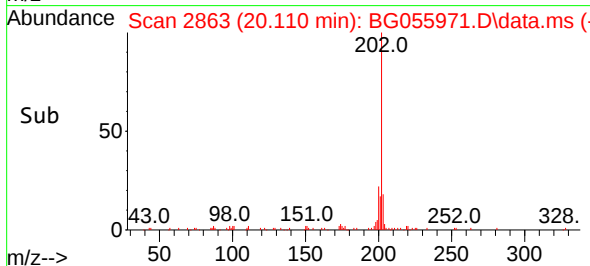
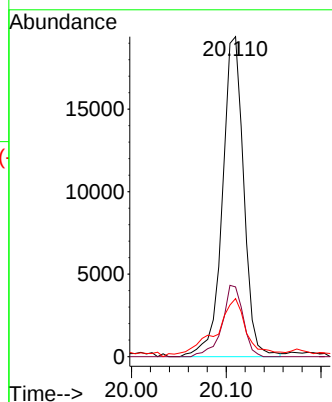
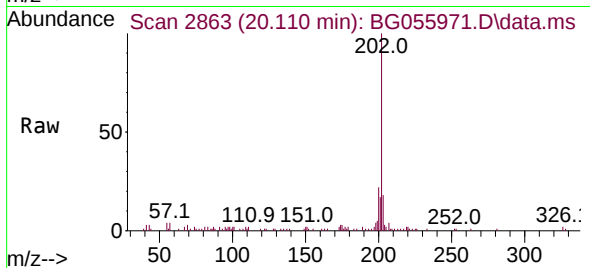
NB-07-121222

Tgt Ion:	202	Resp:	30200
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.7	25.1
203	18.1	14.6	21.8

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#79

Terphenyl-d14

Concen: 84.119 ng

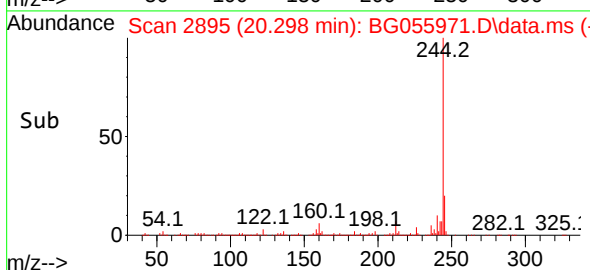
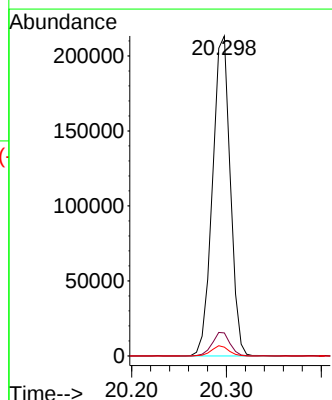
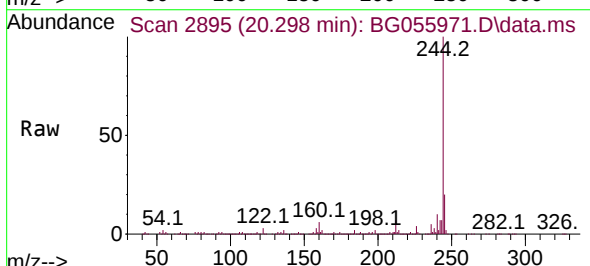
RT: 20.298 min Scan# 2895

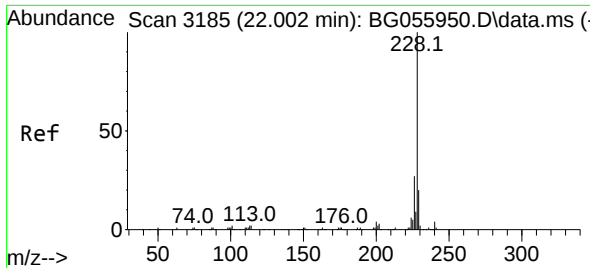
Delta R.T. 0.006 min

Lab File: BG055971.D

Acq: 14 Dec 2022 22:52

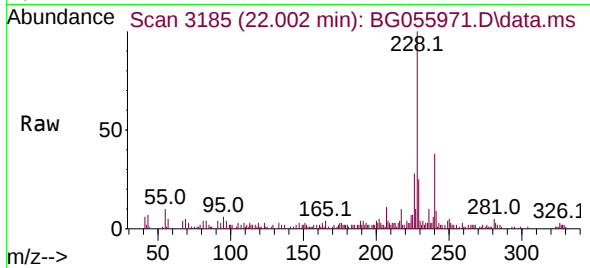
Tgt Ion:	244	Resp:	277364
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	2.7	2.5	3.7





#81
Benzo(a)anthracene
Concen: 5.725 ng
RT: 22.002 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

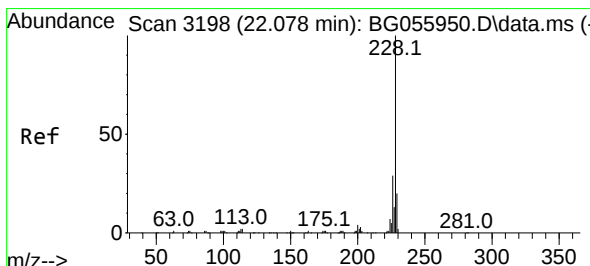
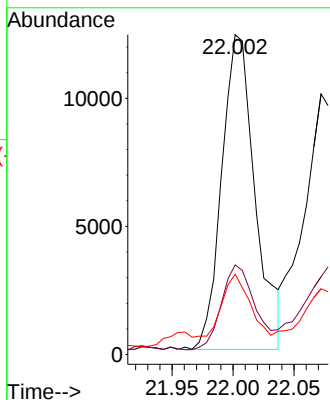
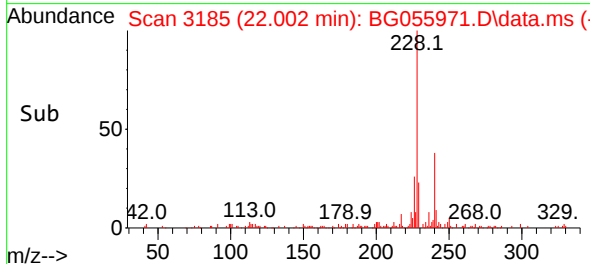
Instrument :
BNA_G
ClientSampleId :
NB-07-121222



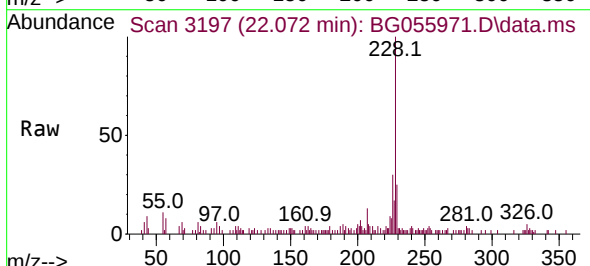
Tgt Ion:228 Resp: 23475
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 25.1 15.9 23.9

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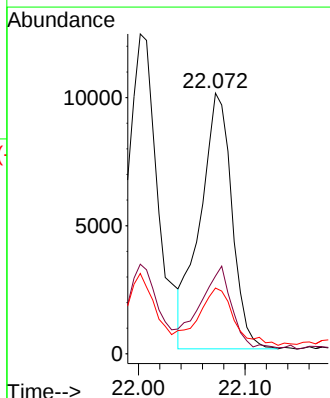
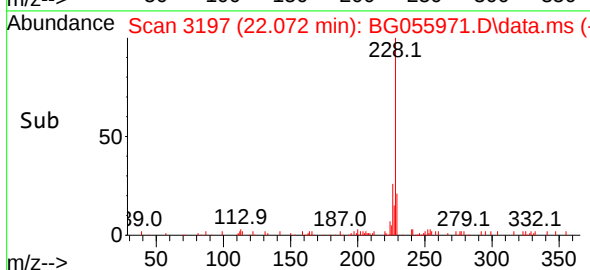
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

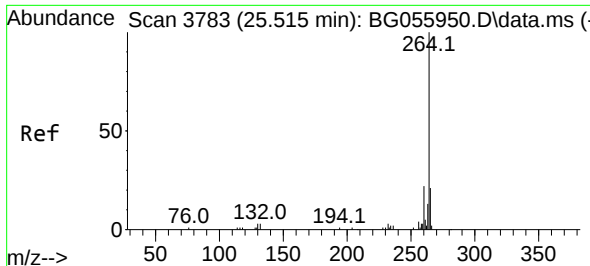


#83
Chrysene
Concen: 5.417 ng
RT: 22.072 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52



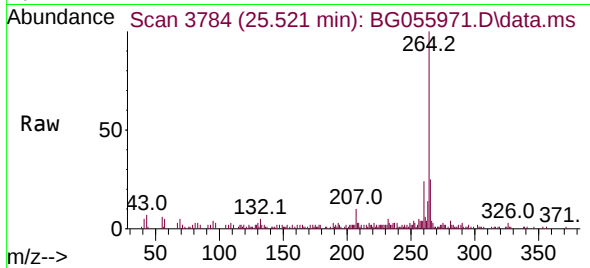
Tgt Ion:228 Resp: 20819
Ion Ratio Lower Upper
228 100
226 29.9 23.1 34.7
229 25.2 15.7 23.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.521 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG055971.D
 Acq: 14 Dec 2022 22:52

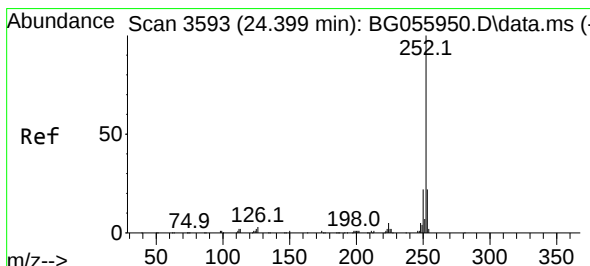
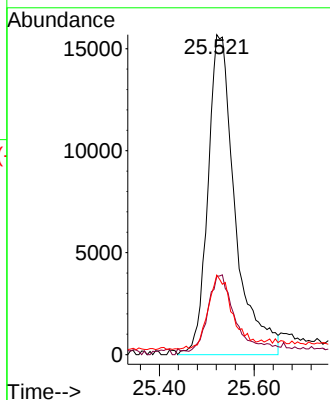
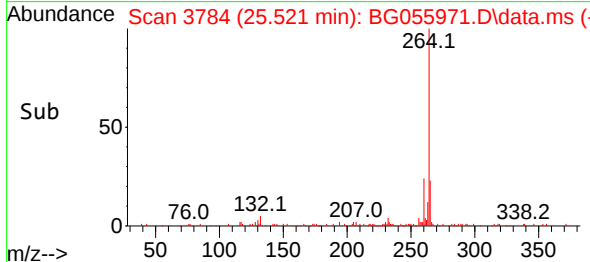
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-121222



Tgt Ion:264 Resp: 62484
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.8 26.8
 265 24.9 16.6 25.0

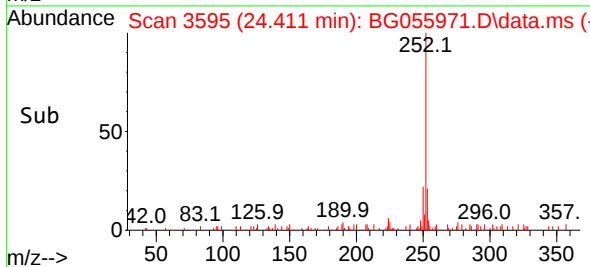
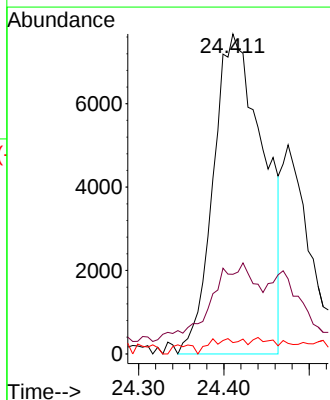
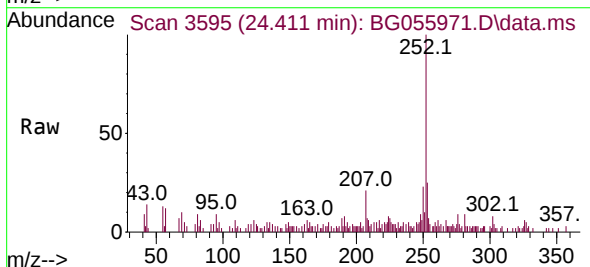
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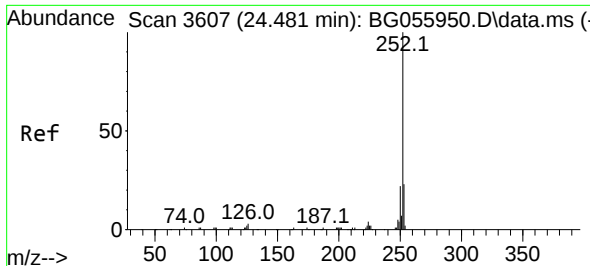
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022



#88
 Benzo(b)fluoranthene
 Concen: 7.706 ng
 RT: 24.411 min Scan# 3595
 Delta R.T. 0.012 min
 Lab File: BG055971.D
 Acq: 14 Dec 2022 22:52

Tgt Ion:252 Resp: 31162
 Ion Ratio Lower Upper
 252 100
 253 24.9 17.4 26.0
 125 3.5 1.8 2.8#





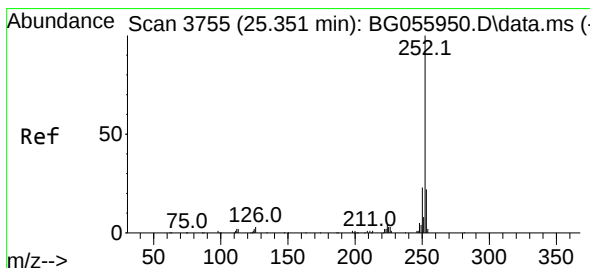
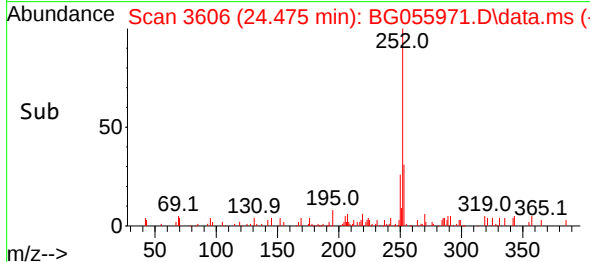
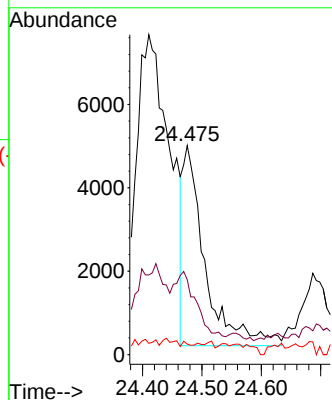
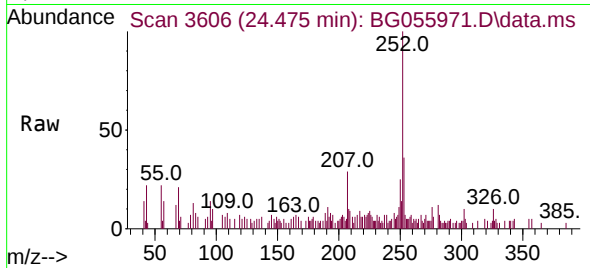
#89
Benzo(k)fluoranthene
Concen: 3.080 ng m
RT: 24.475 min Scan# 3606
Delta R.T. -0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
NB-07-121222

Tgt Ion:252 Resp: 1242
Ion Ratio Lower Upper
252 100
253 35.9 18.2 27.2#
125 5.0 2.0 3.0#

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#90
Benzo(a)pyrene
Concen: 5.473 ng
RT: 25.357 min Scan# 3756
Delta R.T. 0.006 min
Lab File: BG055971.D
Acq: 14 Dec 2022 22:52

Tgt Ion:252 Resp: 18709
Ion Ratio Lower Upper
252 100
253 30.9 17.7 26.5#
125 6.8 1.9 2.9#

