

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048654.D
 Acq On : 9 Apr 2021 21:04
 Operator : CG/JU
 Sample : M1967-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SED-1A

Manual Integrations
 APPROVED

mohammad
 4/12/2021 2:42:29 PM

Quant Time: Apr 10 00:55:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	37614	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	157999	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	97879	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	166834	20.00	ng	0.00
76) Chrysene-d12	21.787	240	168163	20.00	ng	#-0.02
86) Perylene-d12	25.124	264	168464	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	305925	143.59	ng	0.00
7) Phenol-d6	7.245	99	381690	123.53	ng	0.00
23) Nitrobenzene-d5	9.260	82	272854	83.61	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	123445	95.94	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	555172	84.31	ng	0.00
79) Terphenyl-d14	20.106	244	613319	66.70	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.274	94	6246	2.02	ng	95
50) Dimethylphthalate	14.184	163	20122	2.77	ng	99
71) Phenanthrene	17.533	178	57365	6.62	ng	98
75) Fluoranthene	19.548	202	116816	10.88	ng	99
78) Pyrene	19.907	202	88797m	7.68	ng	
81) Benzo(a)anthracene	21.769	228	49413m	4.40	ng	
83) Chrysene	21.834	228	40135	3.74	ng	93
88) Benzo(b)fluoranthene	24.055	252	63110m	5.77	ng	
90) Benzo(a)pyrene	24.959	252	45065	4.47	ng	98
92) Benzo(g,h,i)perylene	30.124	276	29413	2.98	ng	# 94

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

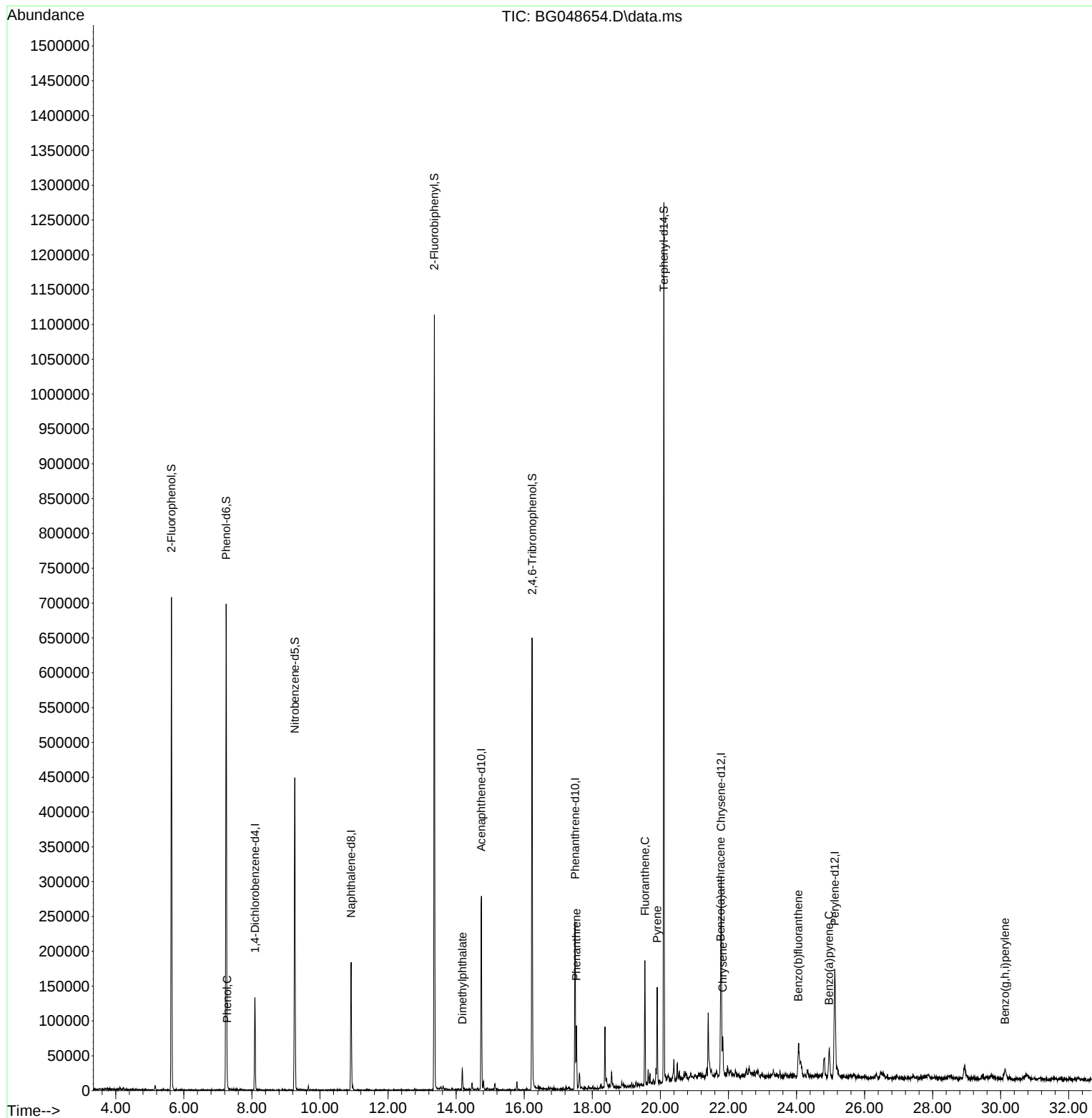
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048654.D
Acq On : 9 Apr 2021 21:04
Operator : CG/JU
Sample : M1967-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

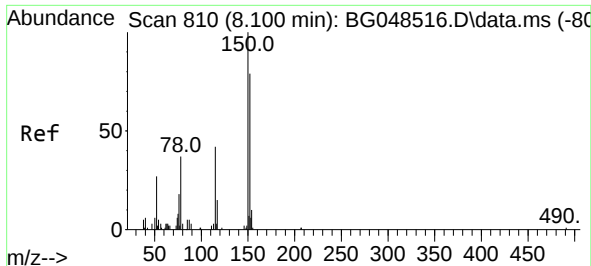
Instrument :
BNA_G
ClientSampleId :
SED-1A

Manual Integrations
APPROVED

mohammad
4/12/2021 2:42:29 PM

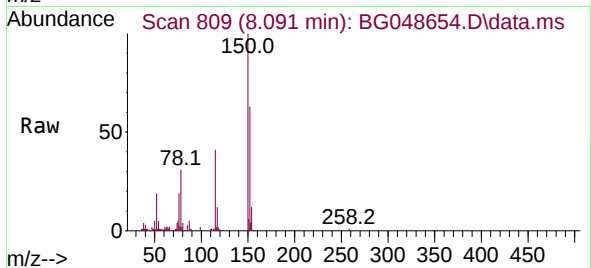
Quant Time: Apr 10 00:55:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

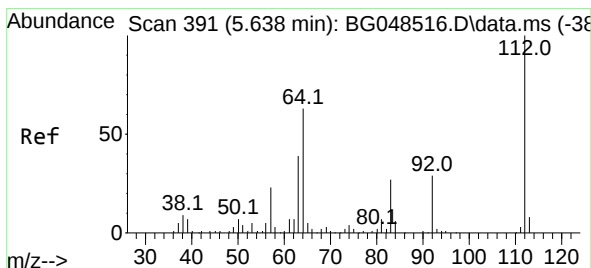
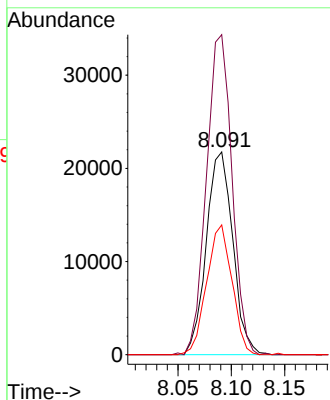
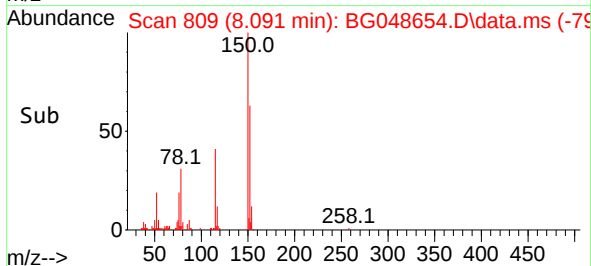
Instrument :
BNA_G
ClientSampled :
SED-1A



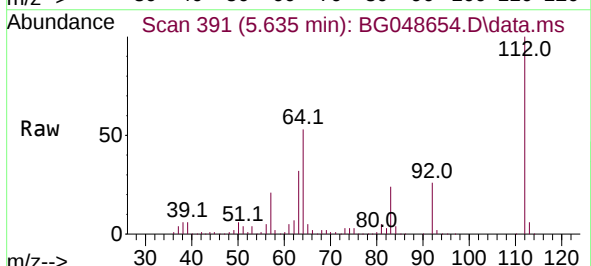
Tgt Ion:152 Resp: 37614
Ion Ratio Lower Upper
152 100
150 157.9 101.3 151.9#
115 64.0 42.3 63.5#

Manual Integrations
APPROVED

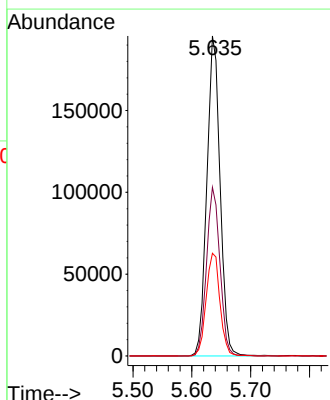
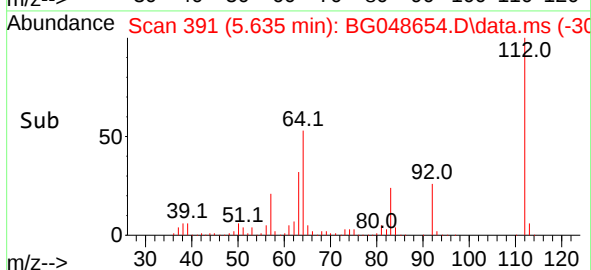
mohammad
4/12/2021 2:42:29 PM

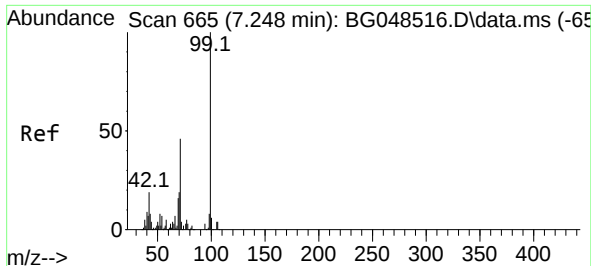


#5
2-Fluorophenol
Concen: 143.59 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



Tgt Ion:112 Resp: 305925
Ion Ratio Lower Upper
112 100
64 52.7 50.4 75.6
63 32.1 31.4 47.2





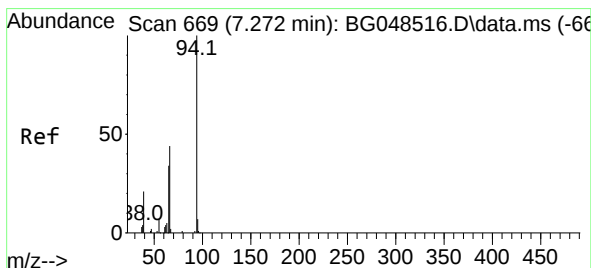
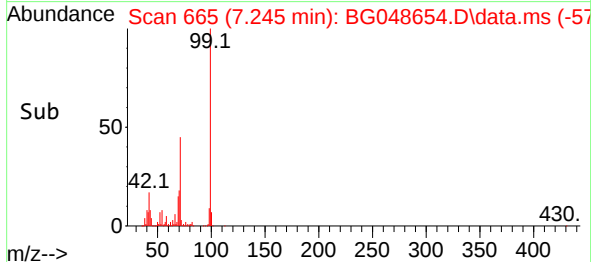
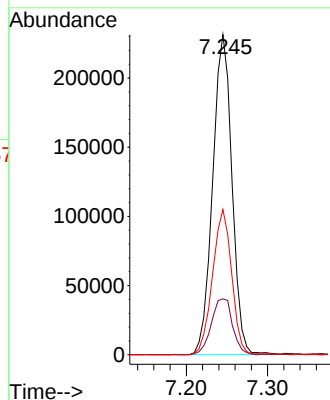
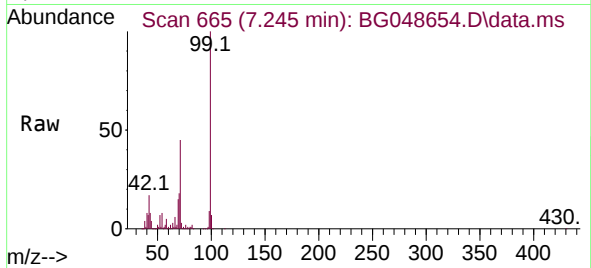
#7
Phenol-d6
Concen: 123.53 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

Tgt Ion:	99	Resp:	381690
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	45.3	36.6	54.8

Instrument :
BNA_G
ClientSampleId :
SED-1A

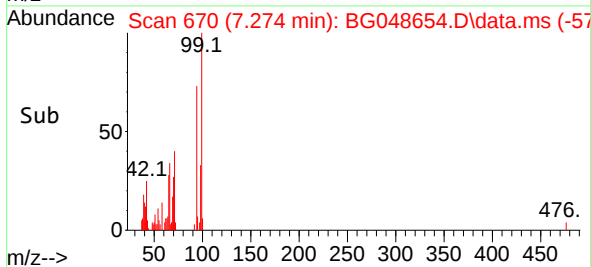
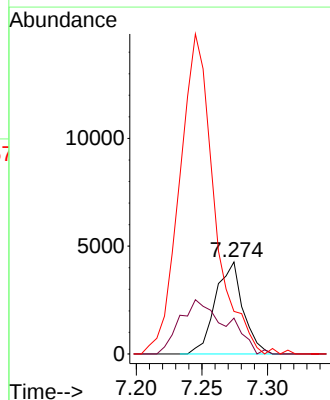
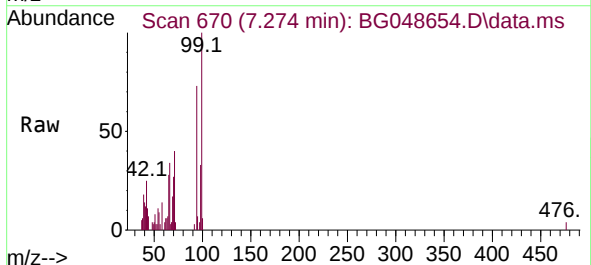
Manual Integrations
APPROVED

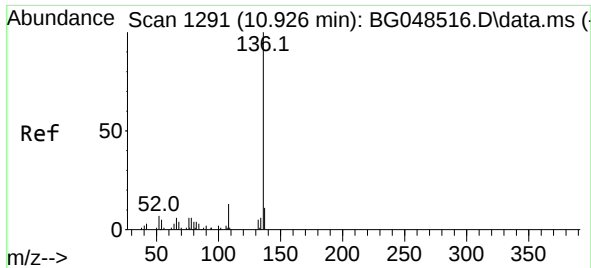
mohammad
4/12/2021 2:42:29 PM



#10
Phenol
Concen: 2.02 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

Tgt Ion:	94	Resp:	6246
Ion	Ratio	Lower	Upper
94	100		
65	39.0	15.1	55.1
66	46.2	28.9	68.9





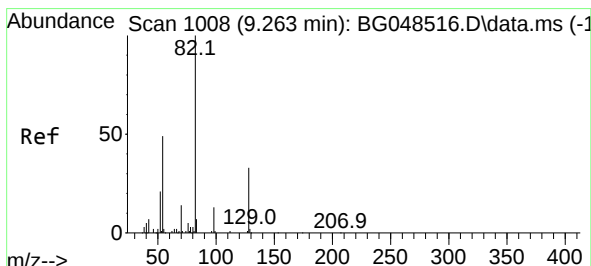
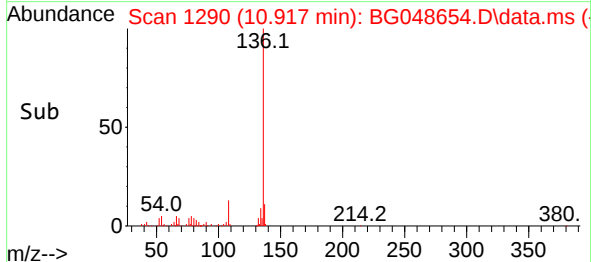
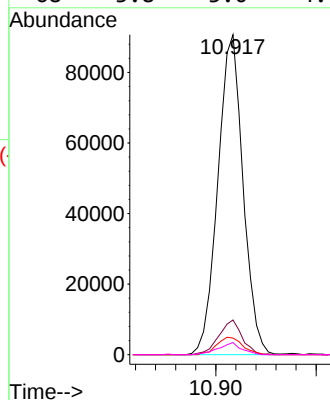
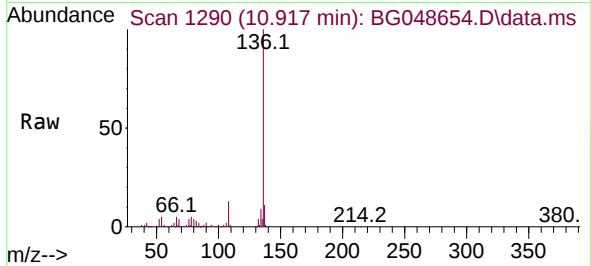
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

Tgt Ion:	136	Resp:	157999
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	5.2	4.2	6.4
68	3.8	3.0	4.4

Instrument :
BNA_G
ClientSampleId :
SED-1A

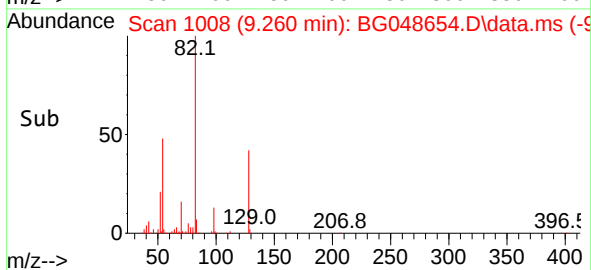
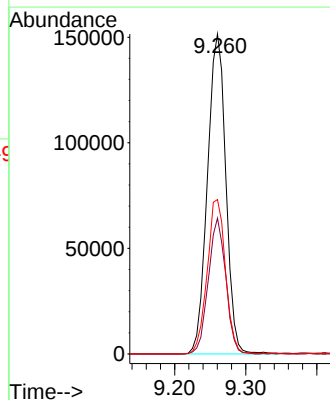
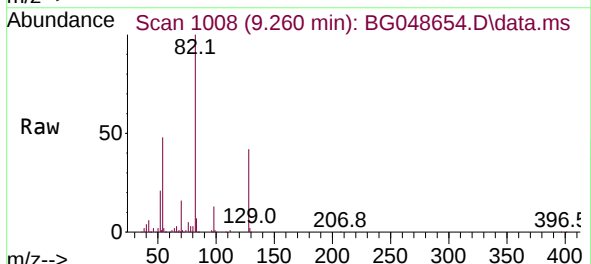
Manual Integrations
APPROVED

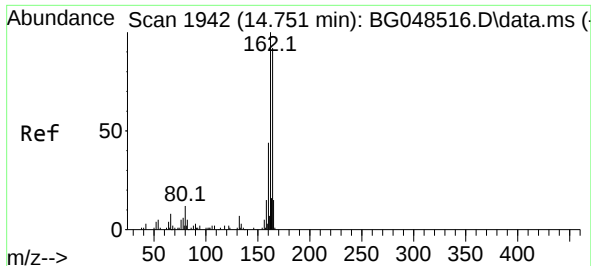
mohammad
4/12/2021 2:42:29 PM



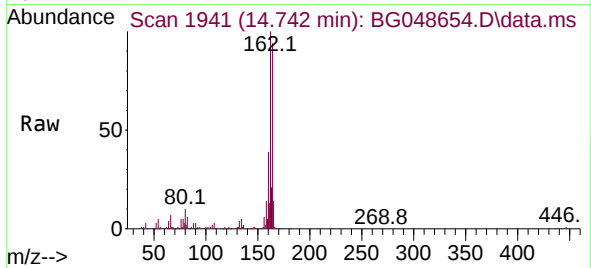
#23
Nitrobenzene-d5
Concen: 83.61 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

Tgt Ion:	82	Resp:	272854
Ion Ratio	Lower	Upper	
82	100		
128	42.5	26.2	39.4
54	48.2	38.9	58.3

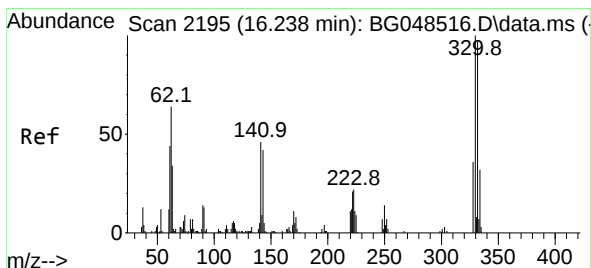
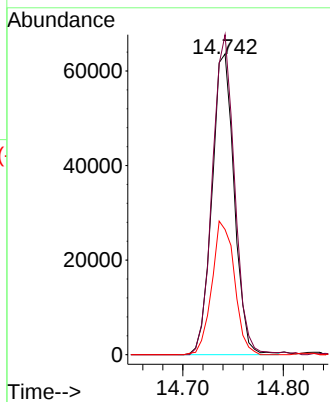
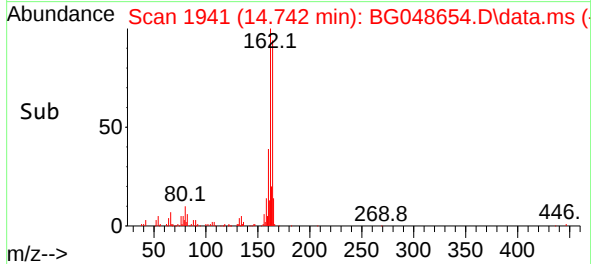




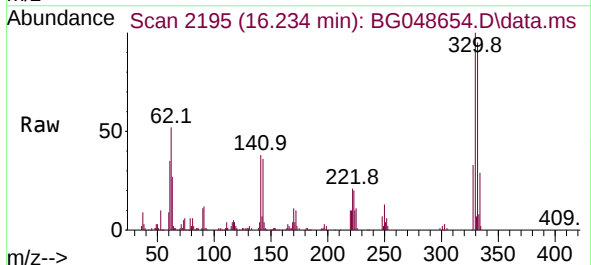
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



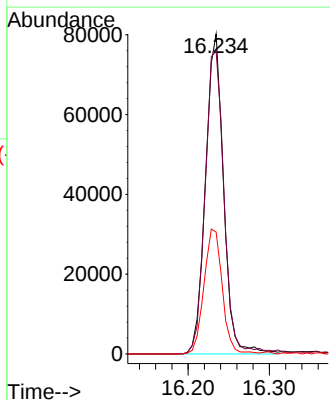
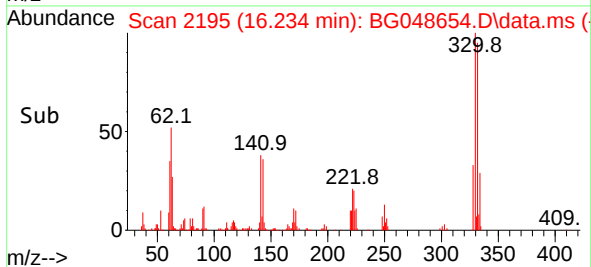
Tgt Ion:164 Resp: 97879
Ion Ratio Lower Upper
164 100
162 106.4 87.0 130.6
160 41.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 95.94 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



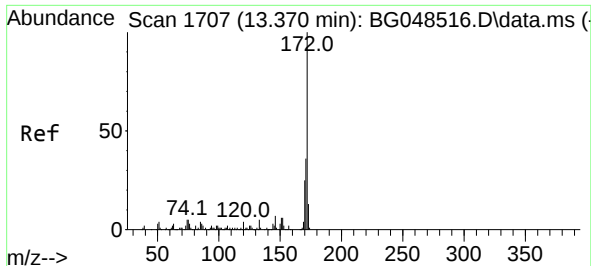
Tgt Ion:330 Resp: 123445
Ion Ratio Lower Upper
330 100
332 99.9 77.6 116.4
141 39.6 34.6 52.0



Instrument :
BNA_G
ClientSampleId :
SED-1A

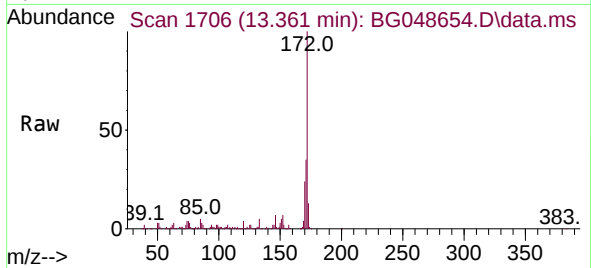
Manual Integrations
APPROVED

mohammad
4/12/2021 2:42:29 PM



#45
2-Fluorobiphenyl
Concen: 84.31 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

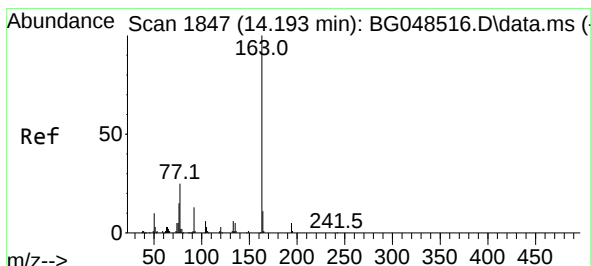
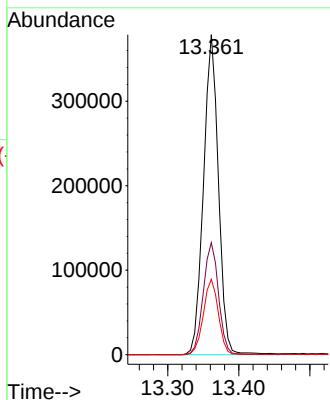
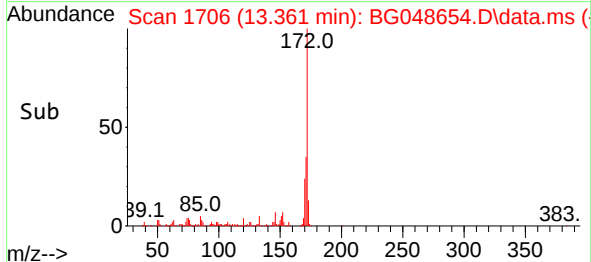
Instrument :
BNA_G
ClientSampleId :
SED-1A



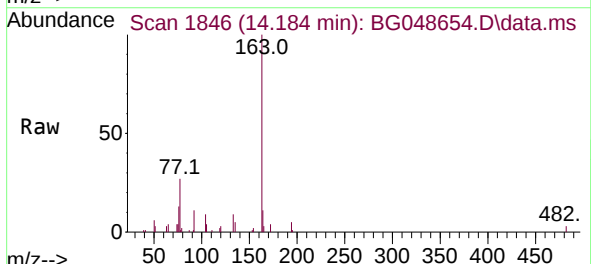
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	19.8	29.6

Manual Integrations
APPROVED

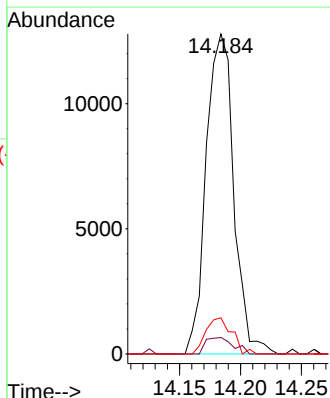
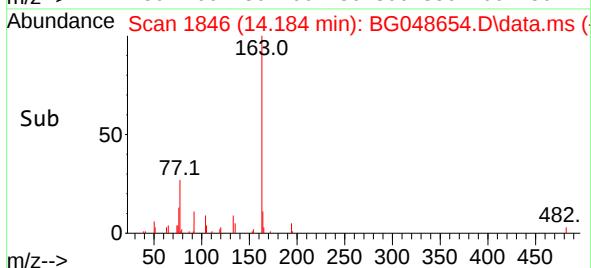
mohammad
4/12/2021 2:42:29 PM

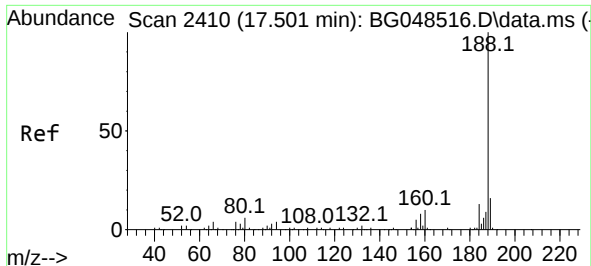


#50
Dimethylphthalate
Concen: 2.77 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.1	6.1
164	11.3	8.6	12.8





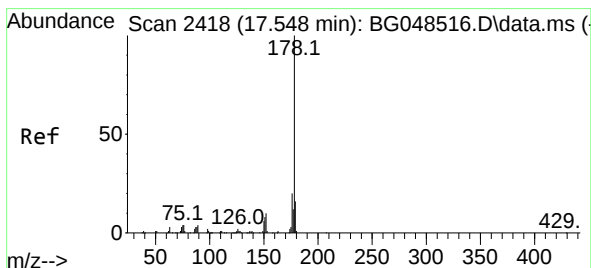
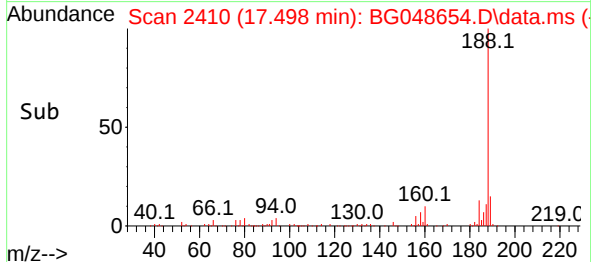
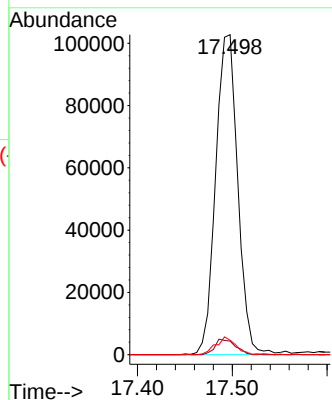
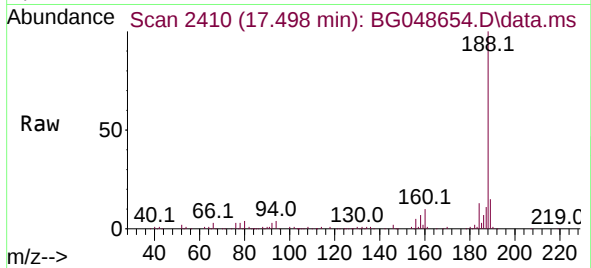
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

Instrument :
BNA_G
ClientSampled :
SED-1A

Tgt Ion:188 Resp: 166834
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.5 4.5 6.7

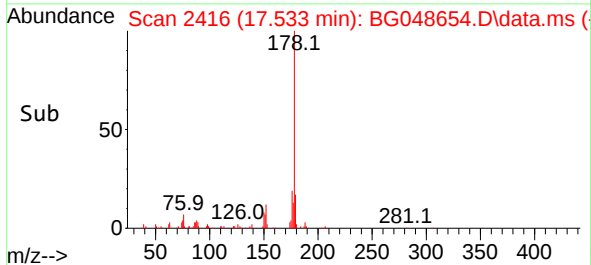
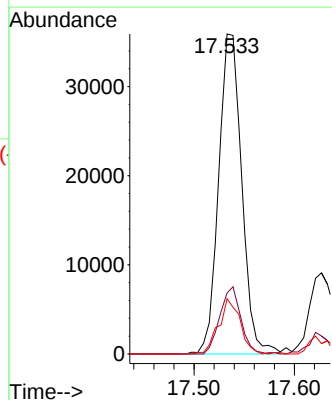
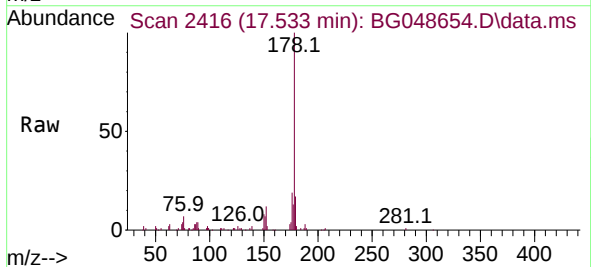
Manual Integrations
APPROVED

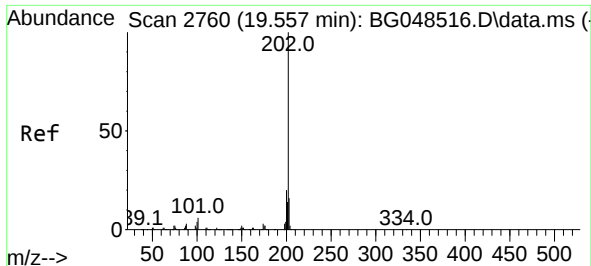
mohammad
4/12/2021 2:42:29 PM



#71
Phenanthrene
Concen: 6.62 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.015 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

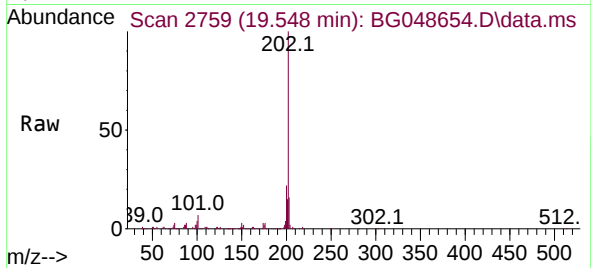
Tgt Ion:178 Resp: 57365
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 17.2 12.9 19.3





#75
Fluoranthene
Concen: 10.88 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

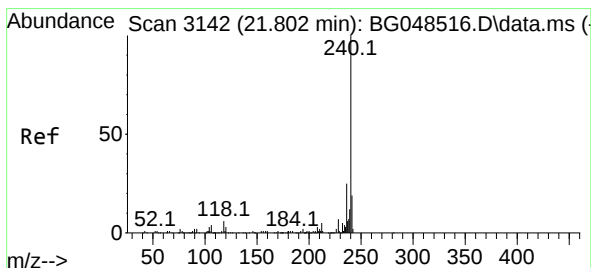
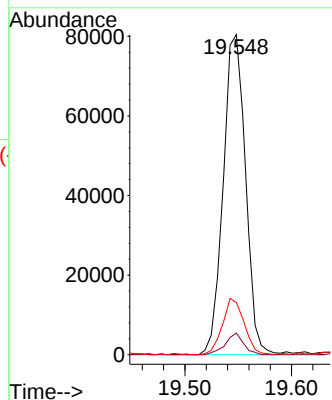
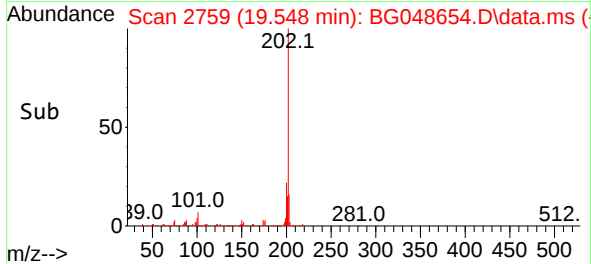
Instrument :
BNA_G
ClientSampleId :
SED-1A



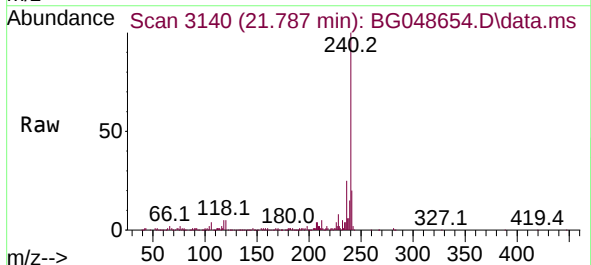
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	25.8
203	16.3	0.0	36.4

Manual Integrations
APPROVED

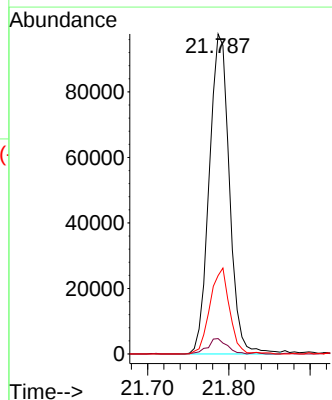
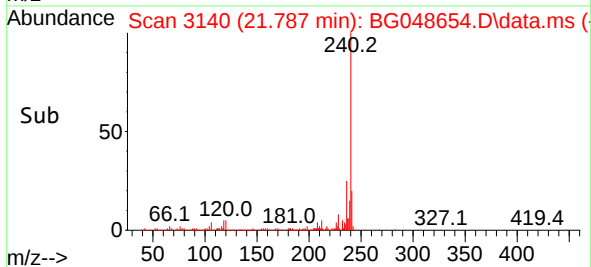
mohammad
4/12/2021 2:42:29 PM

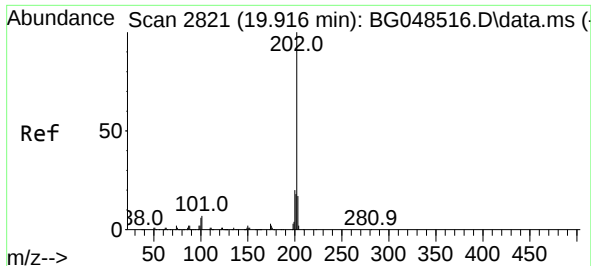


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

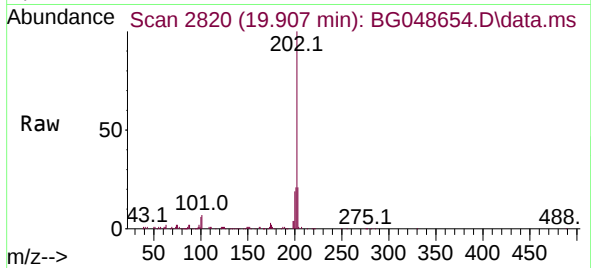


Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.6	3.8#
236	24.5	19.8	29.6

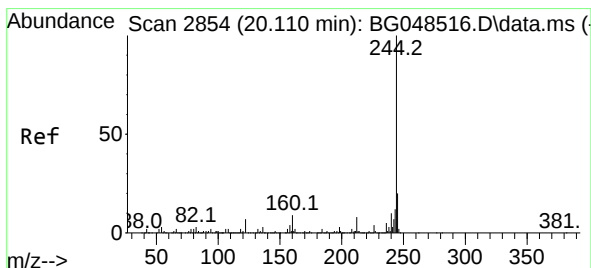
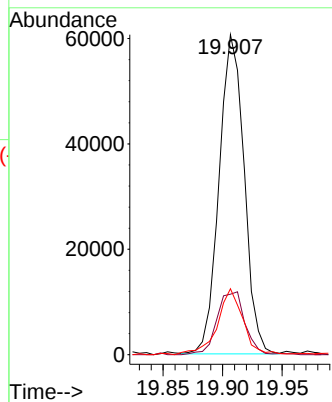
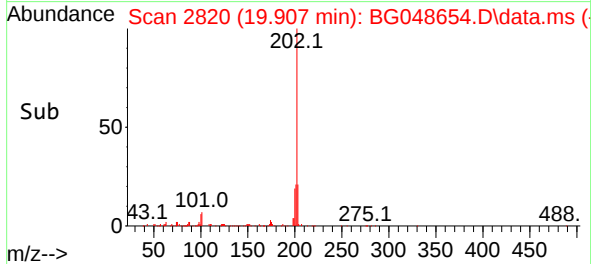




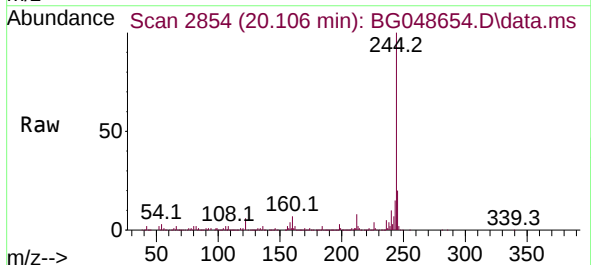
#78
Pyrene
Concen: 7.68 ng m
RT: 19.907 min Scan# 2820
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



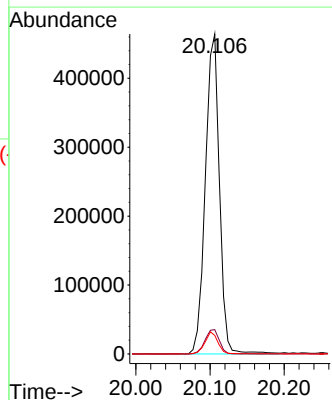
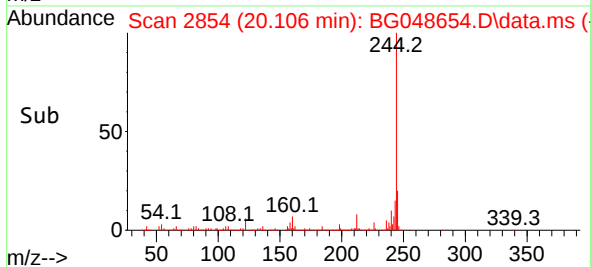
Tgt Ion:202 Resp: 88797
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 20.6 13.6 20.4#



#79
Terphenyl-d14
Concen: 66.70 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



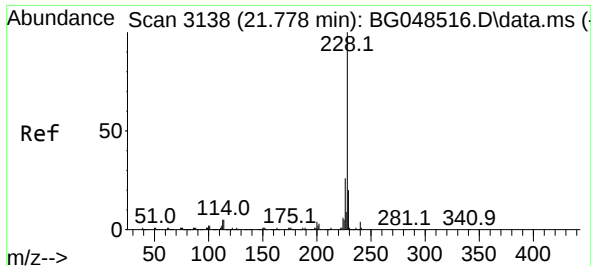
Tgt Ion:244 Resp: 613319
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 5.8 5.8 8.6



Instrument :
BNA_G
ClientSampleId :
SED-1A

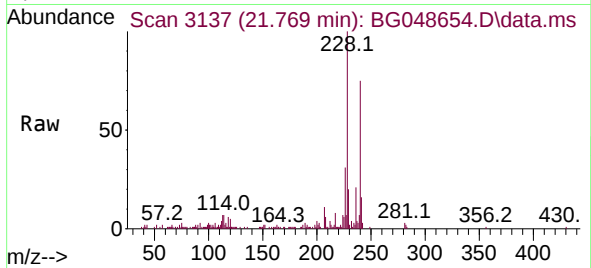
Manual Integrations
APPROVED

mohammad
4/12/2021 2:42:29 PM



#81
Benzo(a)anthracene
Concen: 4.40 ng m
RT: 21.769 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

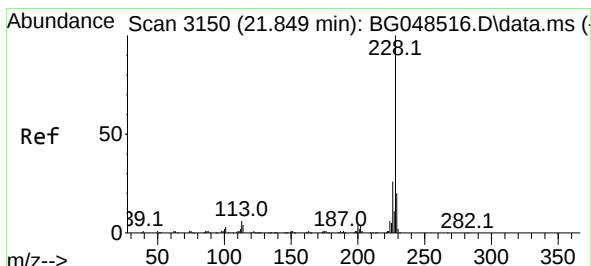
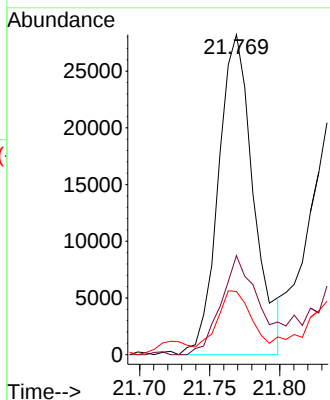
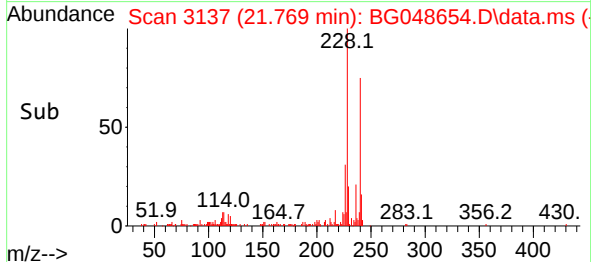
Instrument :
BNA_G
ClientSampled :
SED-1A



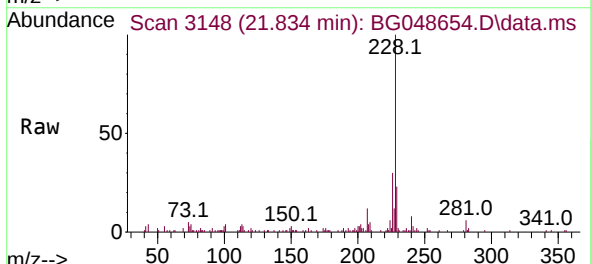
Tgt Ion:228 Resp: 49413
Ion Ratio Lower Upper
228 100
226 31.0 20.6 30.8#
229 19.8 15.8 23.8

Manual Integrations
APPROVED

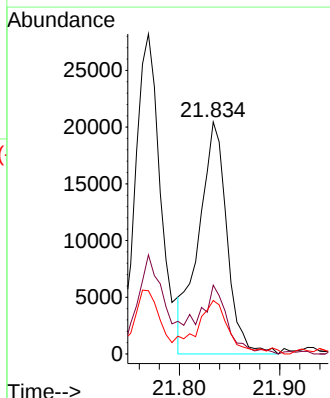
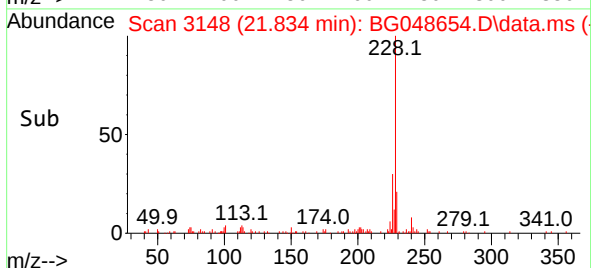
mohammad
4/12/2021 2:42:29 PM

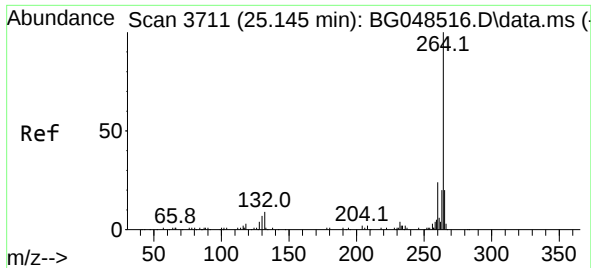


#83
Chrysene
Concen: 3.74 ng
RT: 21.834 min Scan# 3148
Delta R.T. -0.015 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



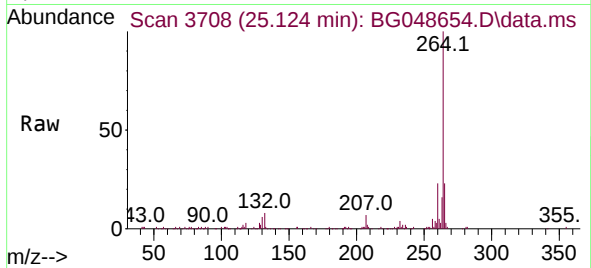
Tgt Ion:228 Resp: 40135
Ion Ratio Lower Upper
228 100
226 29.7 20.6 31.0
229 23.0 16.3 24.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3708
Delta R.T. -0.021 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

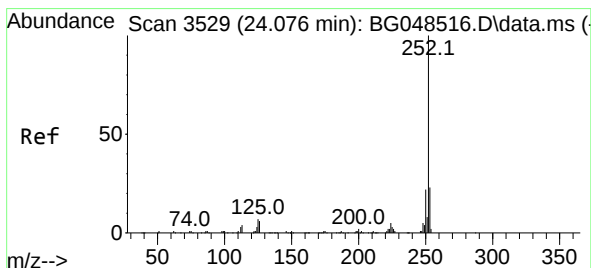
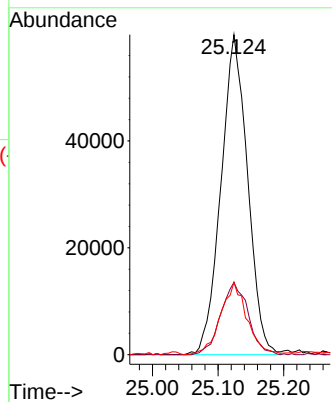
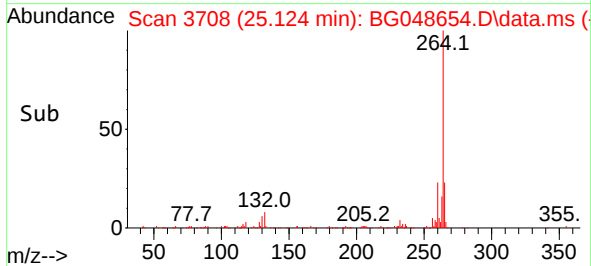
Instrument :
BNA_G
ClientSampled :
SED-1A



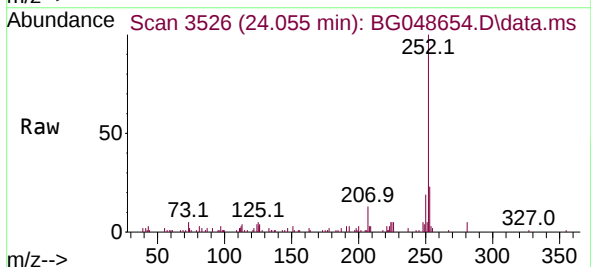
Tgt Ion:264 Resp: 168464
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 22.6 16.1 24.1

Manual Integrations
APPROVED

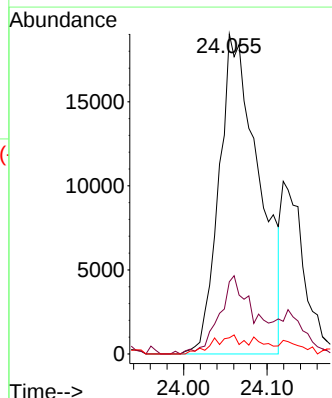
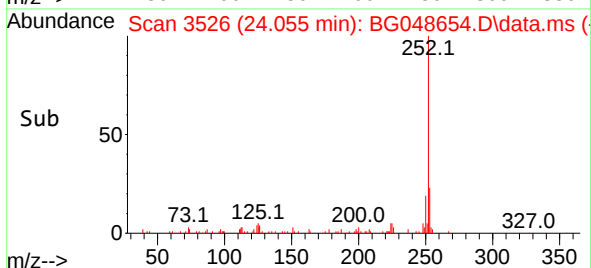
mohammad
4/12/2021 2:42:29 PM

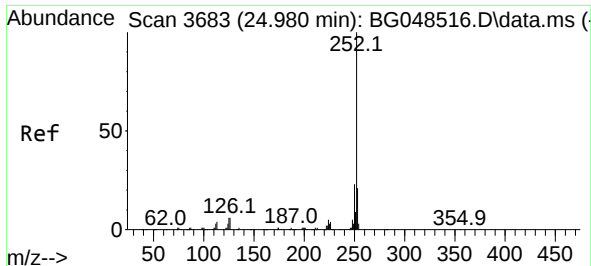


#88
Benzo(b)fluoranthene
Concen: 5.77 ng m
RT: 24.055 min Scan# 3526
Delta R.T. -0.021 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



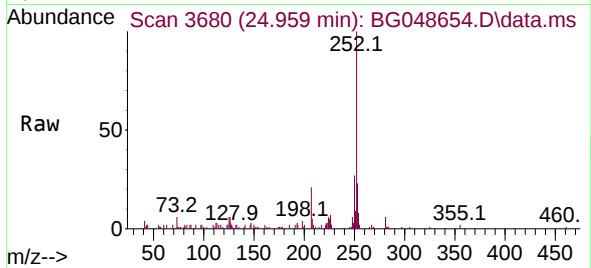
Tgt Ion:252 Resp: 63110
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 5.0 5.3 7.9#





#90
Benzo(a)pyrene
Concen: 4.47 ng
RT: 24.959 min Scan# 3680
Delta R.T. -0.021 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04

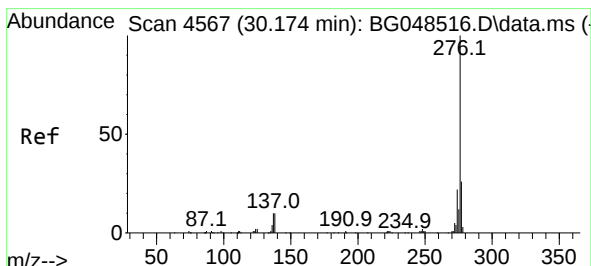
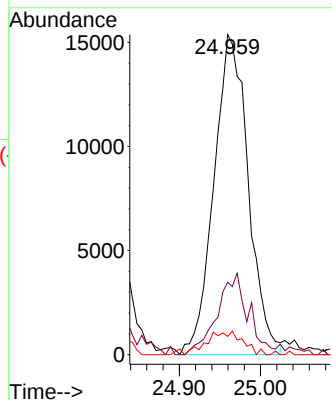
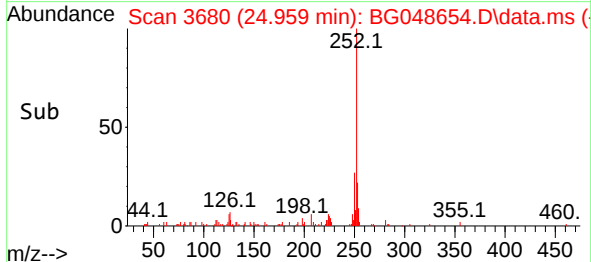
Instrument :
BNA_G
ClientSampled :
SED-1A



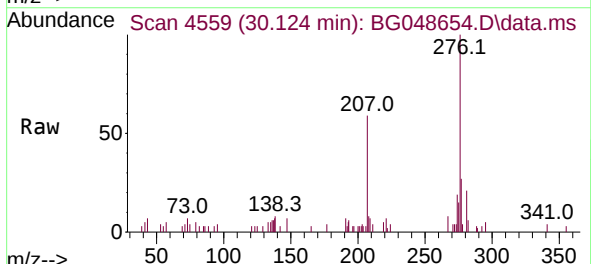
Tgt Ion:252 Resp: 45065
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 5.7 4.4 6.6

Manual Integrations
APPROVED

mohammad
4/12/2021 2:42:29 PM



#92
Benzo(g,h,i)perylene
Concen: 2.98 ng
RT: 30.124 min Scan# 4559
Delta R.T. -0.050 min
Lab File: BG048654.D
Acq: 9 Apr 2021 21:04



Tgt Ion:276 Resp: 29413
Ion Ratio Lower Upper
276 100
277 27.1 20.4 30.6
138 14.9 8.1 12.1#

