

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048954.D
 Acq On : 14 Jun 2021 18:10
 Operator : CG/JU
 Sample : M2644-08RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1824-25RE

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:38:21 PM

Quant Time: Jun 15 01:13:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	44685	20.00	ng	0.00
21) Naphthalene-d8	10.944	136	185225	20.00	ng	# 0.00
39) Acenaphthene-d10	14.763	164	126037	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	262582	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	260620	20.00	ng	-0.02
86) Perylene-d12	25.145	264	267238	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	66178	23.05	ng	0.00
7) Phenol-d6	7.283	99	86835	20.18	ng	0.02
23) Nitrobenzene-d5	9.287	82	167640	39.03	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	42943	23.00	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	352277	39.48	ng	0.00
79) Terphenyl-d14	20.121	244	530125	37.25	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.958	79	47656m	12.54	ng	
10) Phenol	7.313	94	17866	4.02	ng	81
20) 3+4-Methylphenols	8.881	107	152502	38.27	ng	92
27) 2,4-Dimethylphenol	10.103	122	53797	18.08	ng	92
32) Benzoic acid	10.303	122	72851	37.48	ng	# 73
50) Dimethylphthalate	14.210	163	56750	5.78	ng	# 95

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

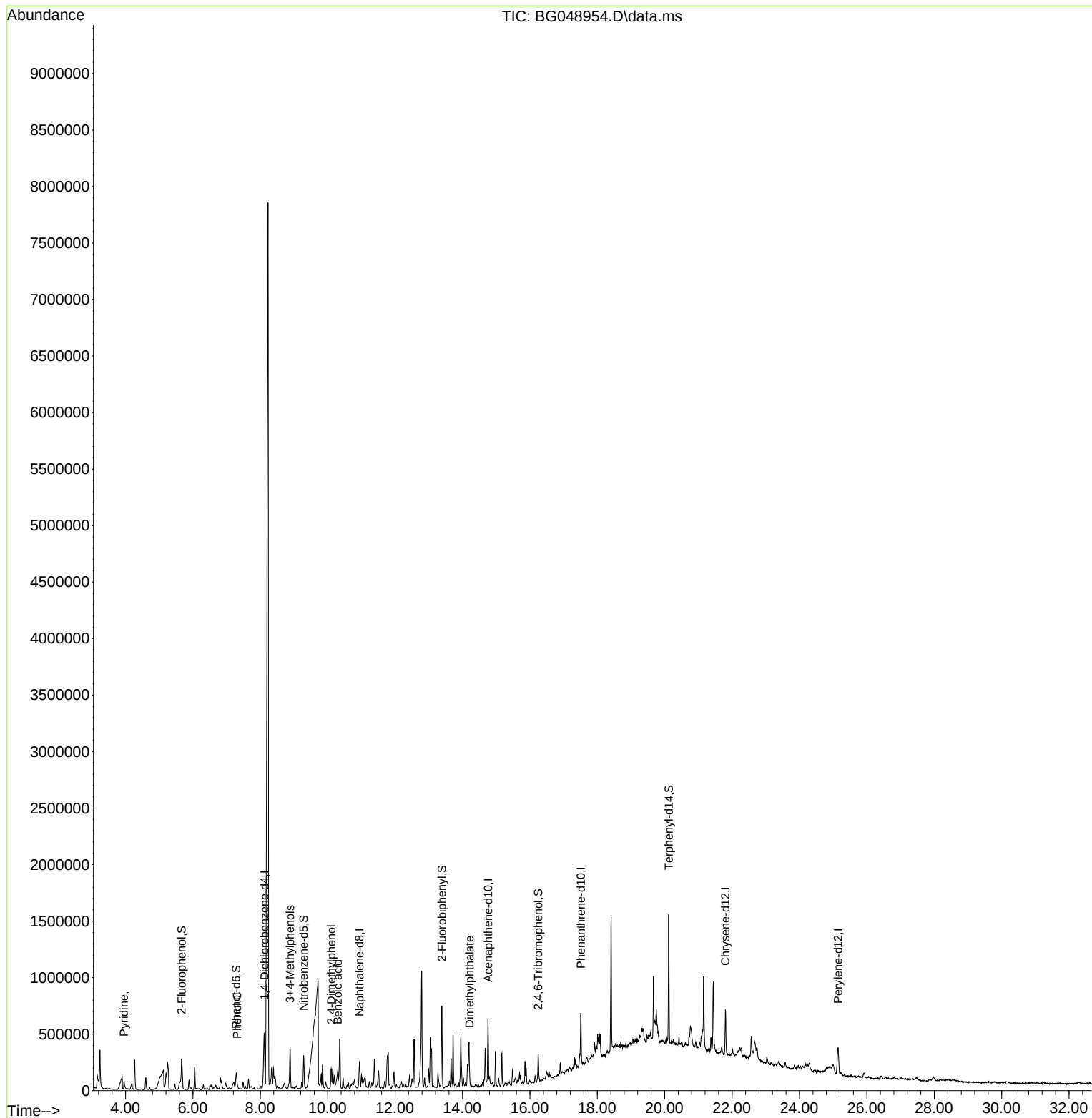
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048954.D
Acq On : 14 Jun 2021 18:10
Operator : CG/JU
Sample : M2644-08RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

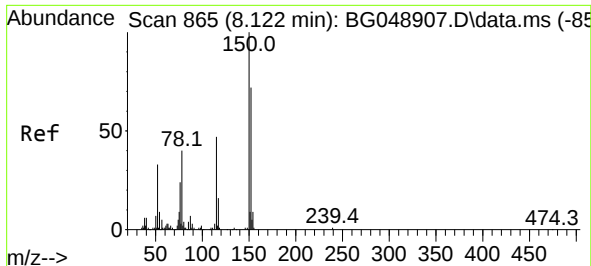
Instrument :
BNA_G
ClientSampleId :
1824-25RE

Manual Integrations
APPROVED

mohammad
6/15/2021 2:38:21 PM

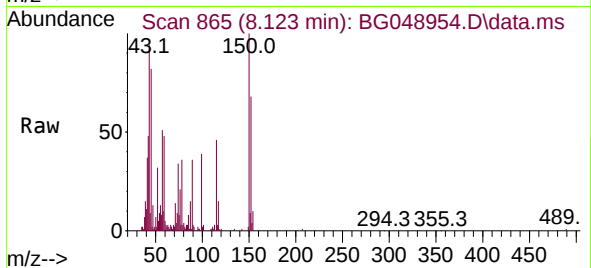
Quant Time: Jun 15 01:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

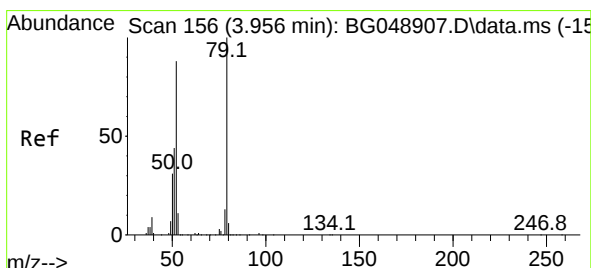
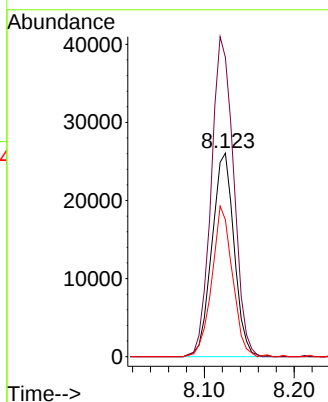
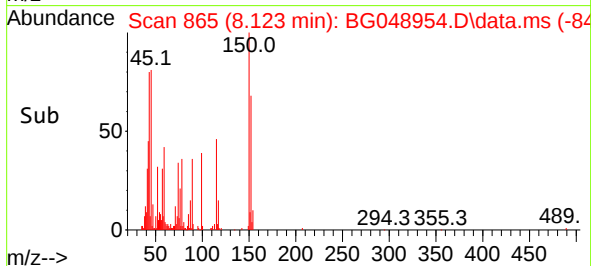
Instrument :
BNA_G
ClientSampled :
1824-25RE



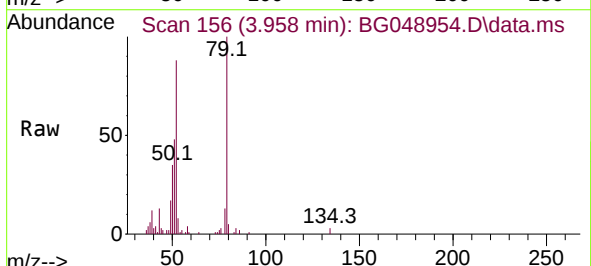
Tgt Ion:152 Resp: 44685
Ion Ratio Lower Upper
152 100
150 147.0 119.4 179.0
115 67.3 60.2 90.4

Manual Integrations
APPROVED

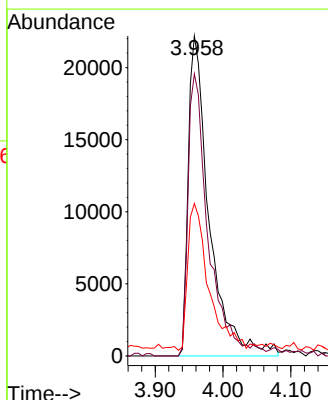
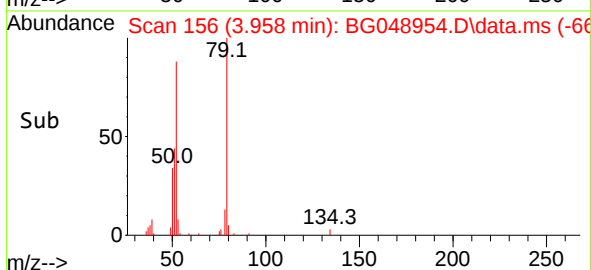
mohammad
6/15/2021 2:38:21 PM

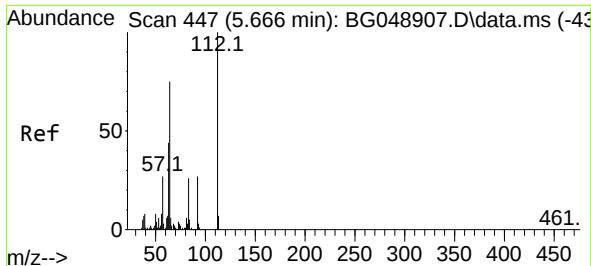


#3
Pyridine
Concen: 12.54 ng m
RT: 3.958 min Scan# 156
Delta R.T. 0.001 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



Tgt Ion: 79 Resp: 47656
Ion Ratio Lower Upper
79 100
52 88.2 58.4 87.6#
51 47.7 37.0 55.6





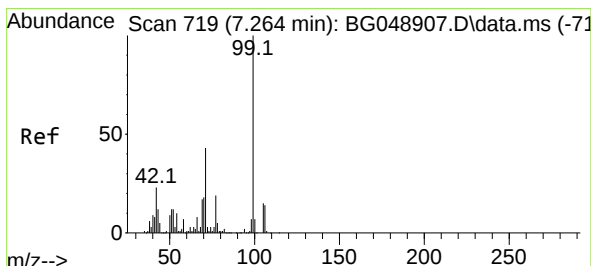
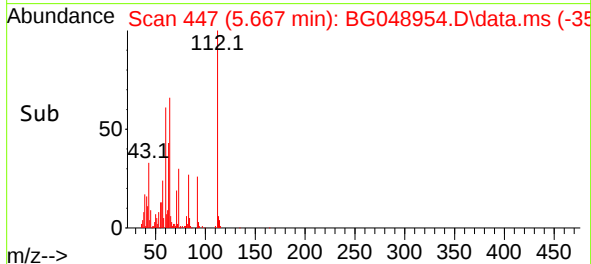
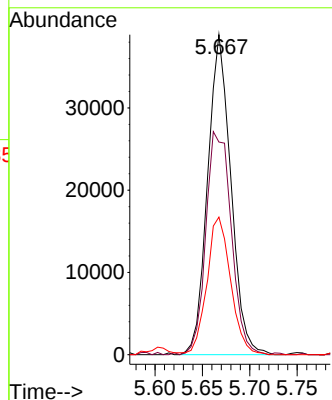
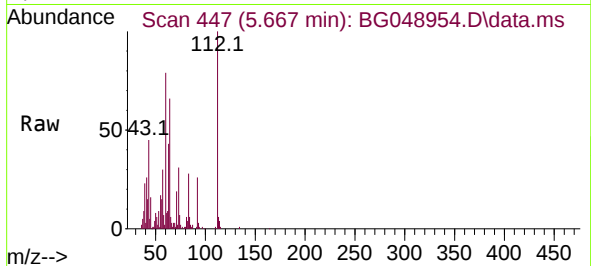
#5
2-Fluorophenol
Concen: 23.05 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

Tgt Ion:	112	Resp:	66178
Ion Ratio	Lower	Upper	
112	100		
64	66.4	46.7	70.1
63	43.0	35.3	52.9

Instrument :
BNA_G
ClientSampleId :
1824-25RE

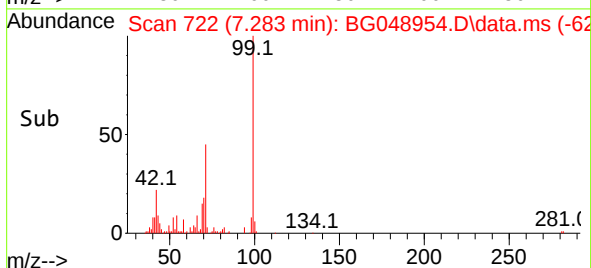
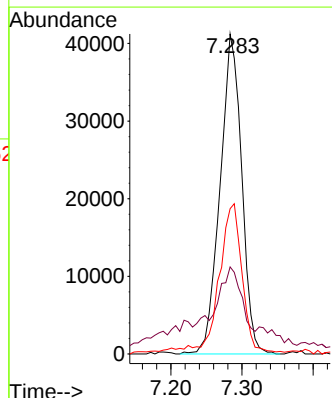
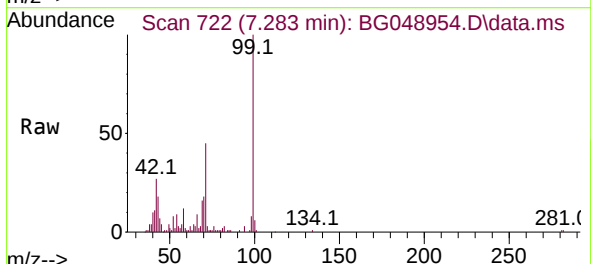
Manual Integrations
APPROVED

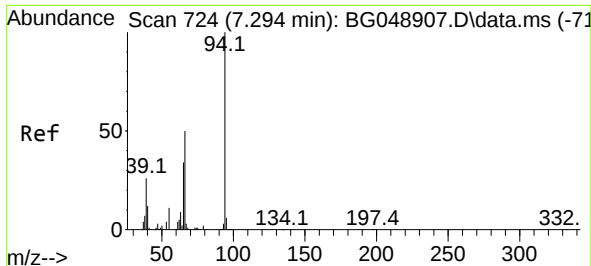
mohammad
6/15/2021 2:38:21 PM



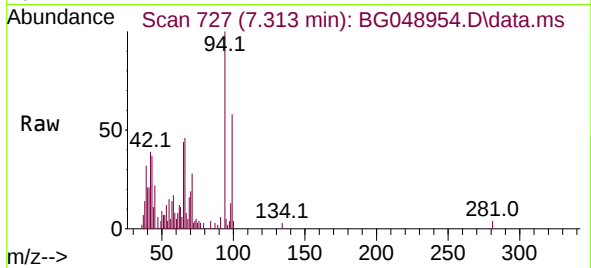
#7
Phenol-d6
Concen: 20.18 ng
RT: 7.283 min Scan# 722
Delta R.T. 0.019 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

Tgt Ion:	99	Resp:	86835
Ion Ratio	Lower	Upper	
99	100		
42	27.2	20.5	30.7
71	45.4	41.5	62.3

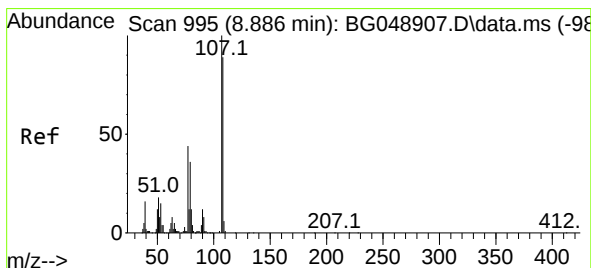
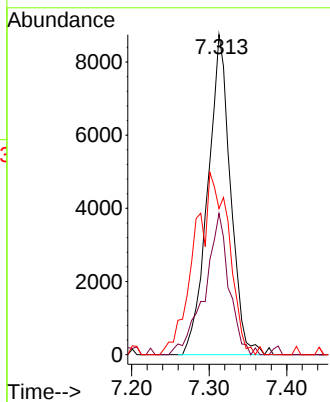
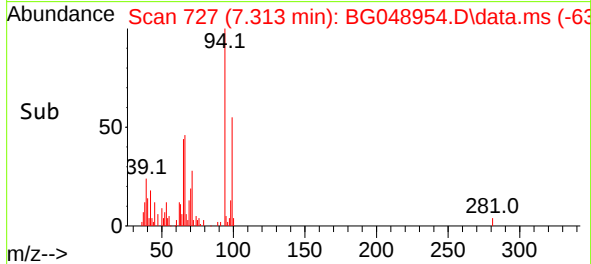




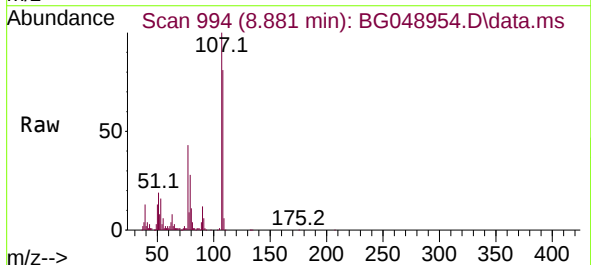
#10
Phenol
Concen: 4.02 ng
RT: 7.313 min Scan# 727
Delta R.T. 0.019 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



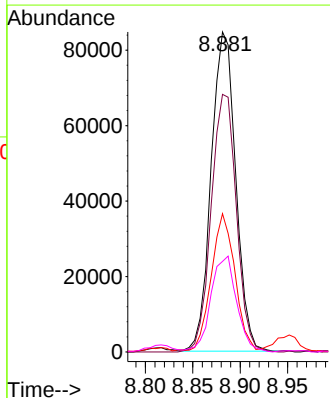
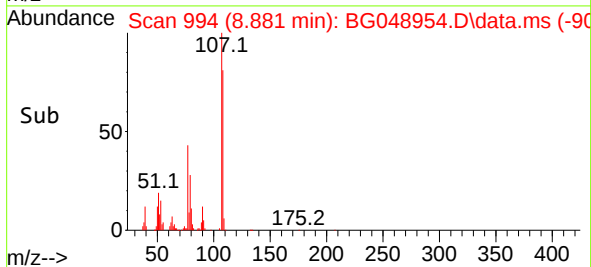
Tgt Ion:	94	Resp:	17866
Ion Ratio	Lower	Upper	
94	100		
65	44.1	12.9	52.9
66	45.7	39.4	79.4



#20
3+4-Methylphenols
Concen: 38.27 ng
RT: 8.881 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



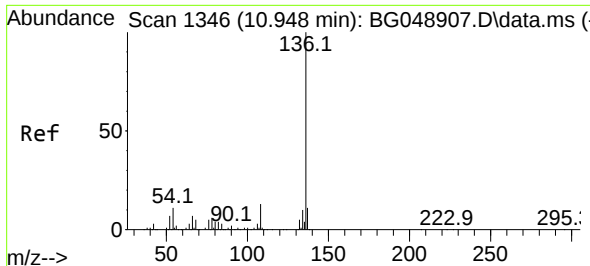
Tgt Ion:	107	Resp:	152502
Ion Ratio	Lower	Upper	
107	100		
108	80.5	69.3	109.3
77	43.2	25.2	65.2
79	28.3	15.1	55.1



Instrument :
BNA_G
ClientSampleId :
1824-25RE

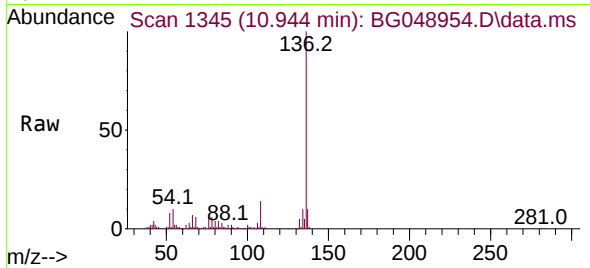
Manual Integrations
APPROVED

mohammad
6/15/2021 2:38:21 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.944 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

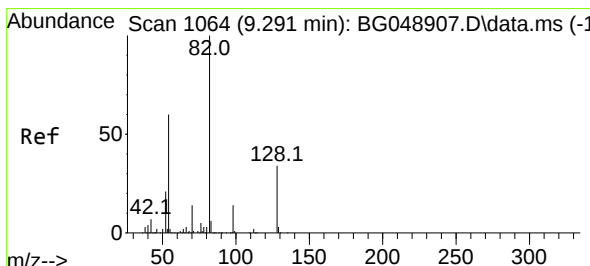
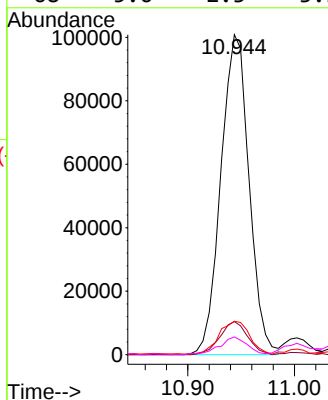
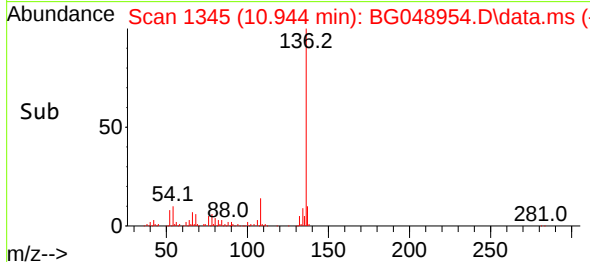
Instrument :
BNA_G
ClientSampleID :
1824-25RE



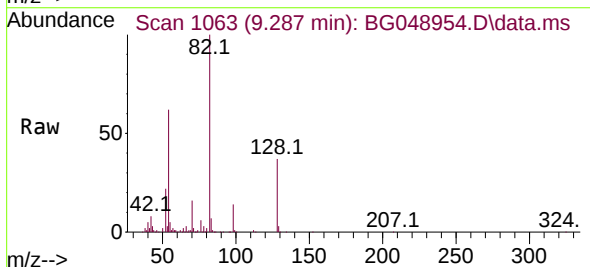
Tgt Ion: 136 Resp: 185225
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 10.4 5.5 8.3#
68 5.6 2.3 3.5#

Manual Integrations
APPROVED

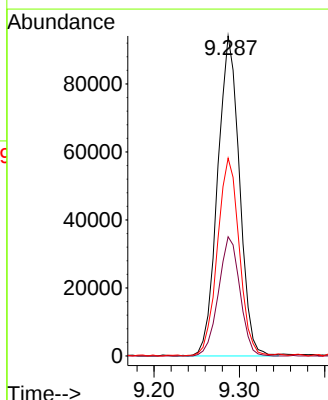
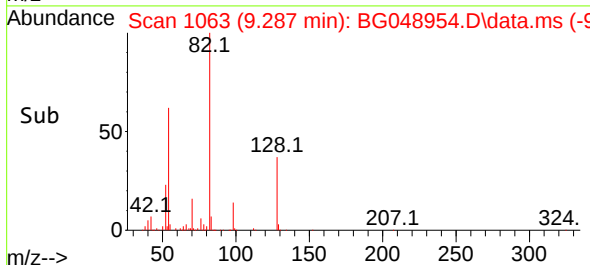
mohammad
6/15/2021 2:38:21 PM

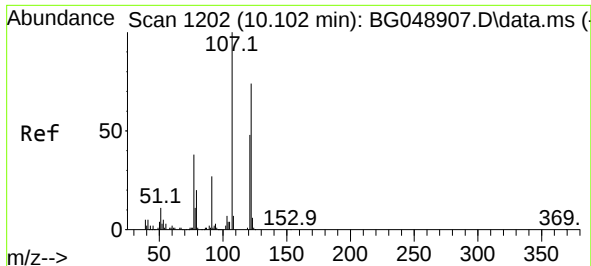


#23
Nitrobenzene-d5
Concen: 39.03 ng
RT: 9.287 min Scan# 1063
Delta R.T. -0.004 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



Tgt Ion: 82 Resp: 167640
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 61.8 45.8 68.8





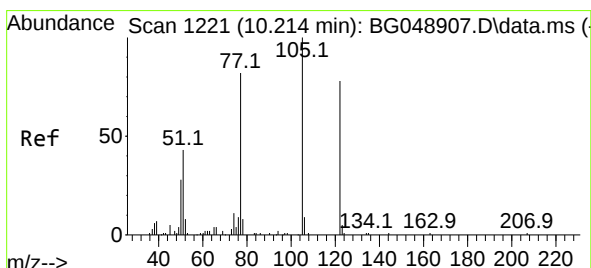
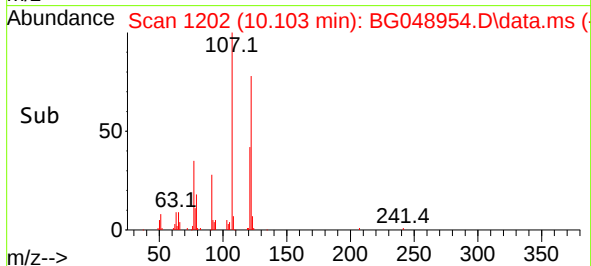
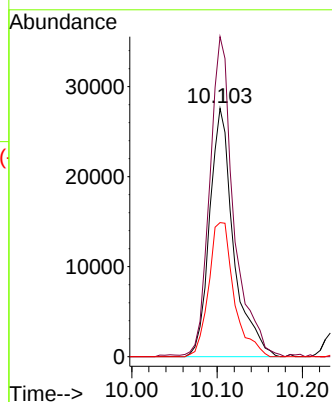
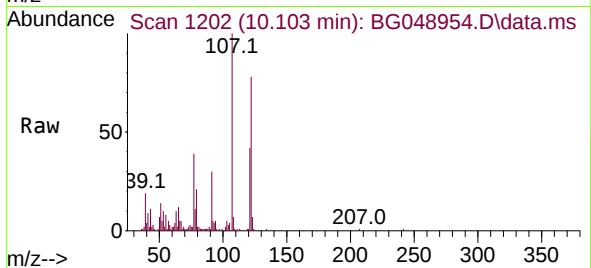
#27
2,4-Dimethylphenol
Concen: 18.08 ng
RT: 10.103 min Scan# 1202
Delta R.T. 0.001 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

Tgt Ion:122 Resp: 53797
Ion Ratio Lower Upper
122 100
107 128.8 110.1 165.1
121 54.0 49.0 73.6

Instrument :
BNA_G
ClientSampleId :
1824-25RE

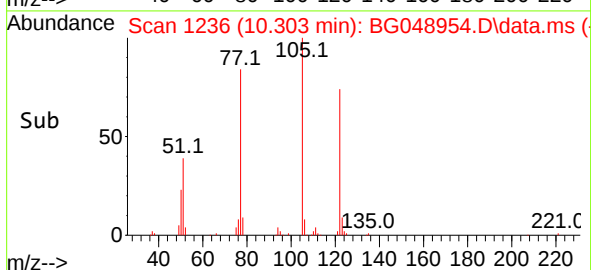
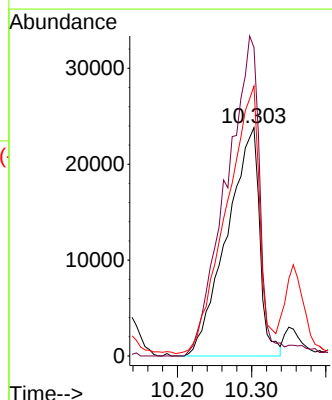
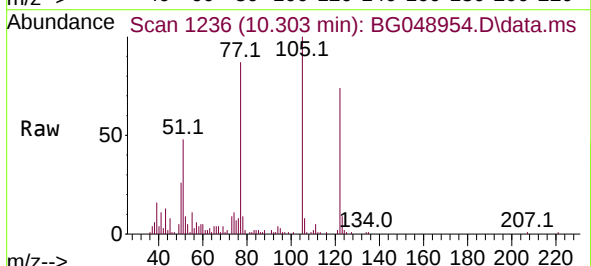
Manual Integrations
APPROVED

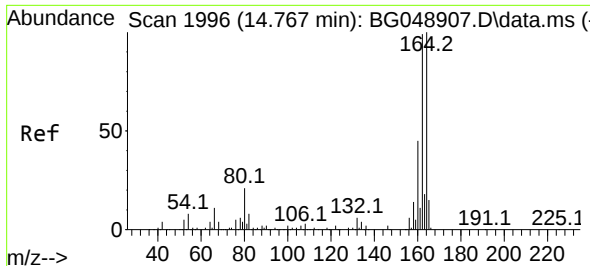
mohammad
6/15/2021 2:38:21 PM



#32
Benzoic acid
Concen: 37.48 ng
RT: 10.303 min Scan# 1236
Delta R.T. 0.089 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

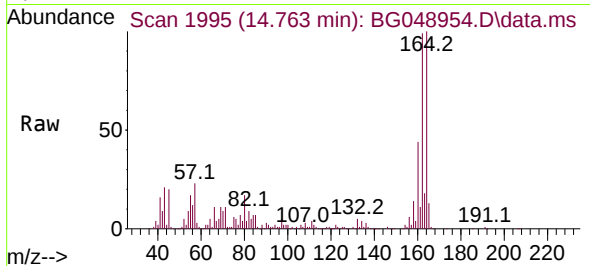
Tgt Ion:122 Resp: 72851
Ion Ratio Lower Upper
122 100
105 135.2 92.3 132.3#
77 118.2 66.5 106.5#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

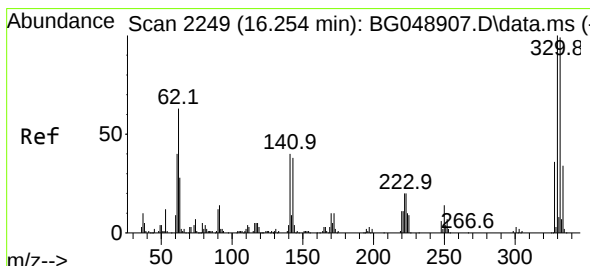
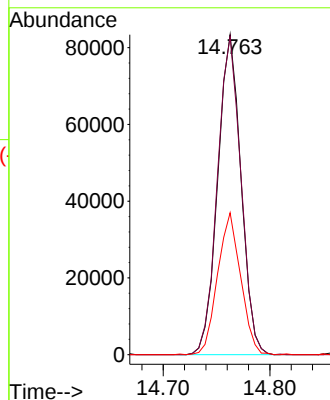
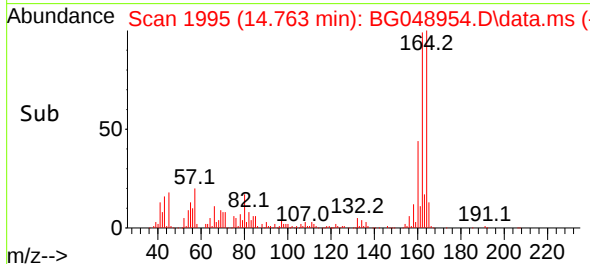
Instrument :
BNA_G
ClientSampleId :
1824-25RE



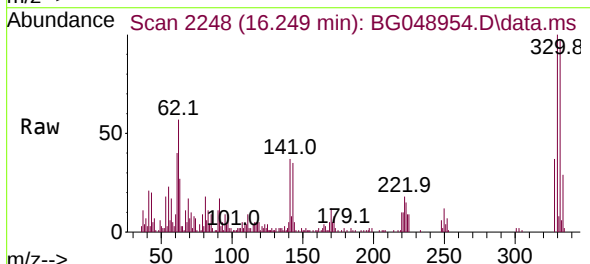
Tgt Ion:164 Resp: 126037
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.4 34.9 52.3

Manual Integrations
APPROVED

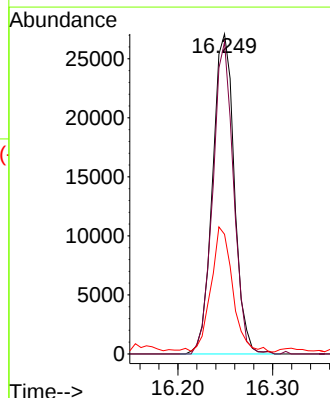
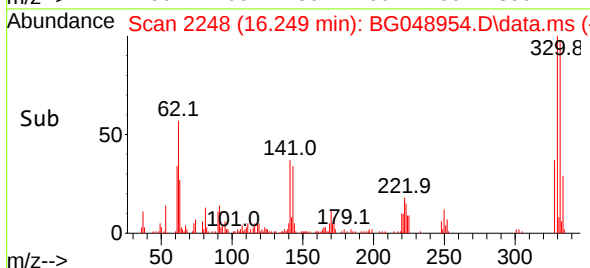
mohammad
6/15/2021 2:38:21 PM

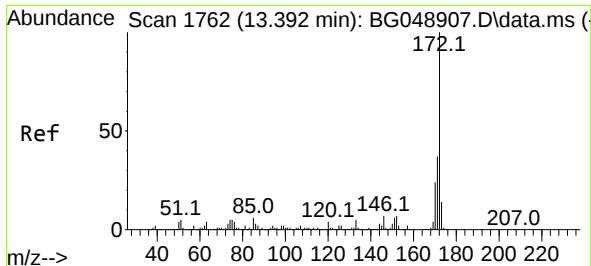


#42
2,4,6-Tribromophenol
Concen: 23.00 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

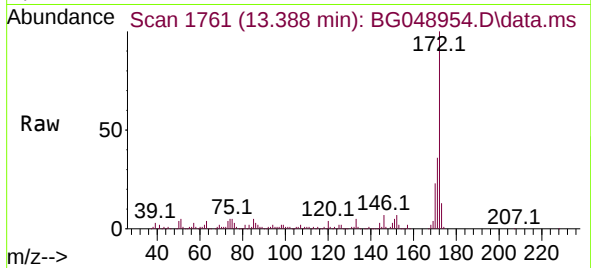


Tgt Ion:330 Resp: 42943
Ion Ratio Lower Upper
330 100
332 93.3 77.3 115.9
141 39.2 35.6 53.4

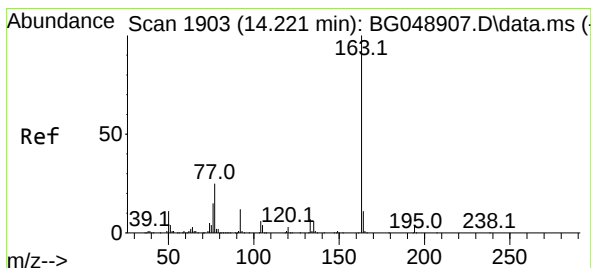
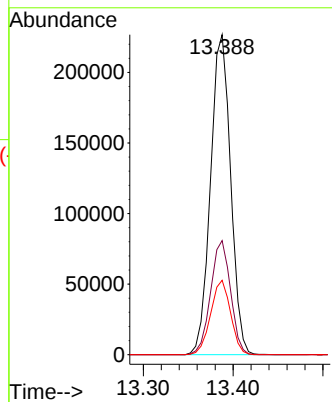
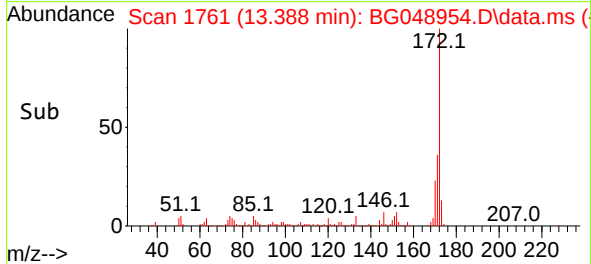




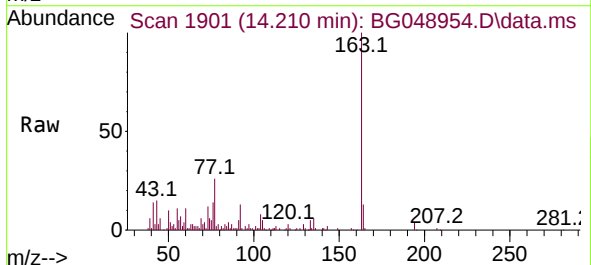
#45
2-Fluorobiphenyl
Concen: 39.48 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



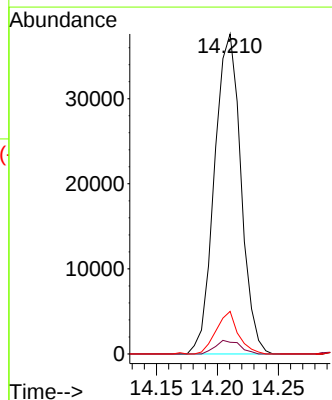
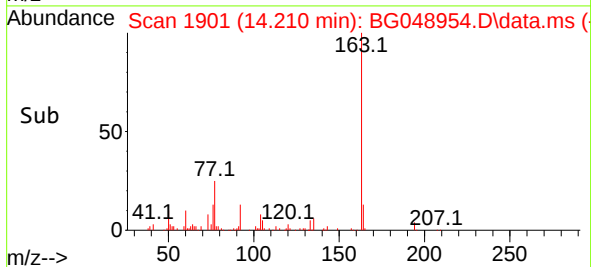
Tgt Ion:172 Resp: 352277
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.3 18.6 27.8



#50
Dimethylphthalate
Concen: 5.78 ng
RT: 14.210 min Scan# 1901
Delta R.T. -0.011 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



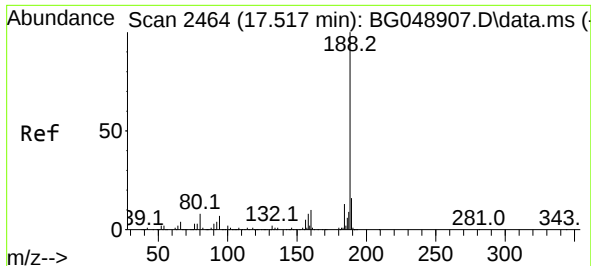
Tgt Ion:163 Resp: 56750
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 13.3 8.6 12.8#



Instrument :
BNA_G
ClientSampled :
1824-25RE

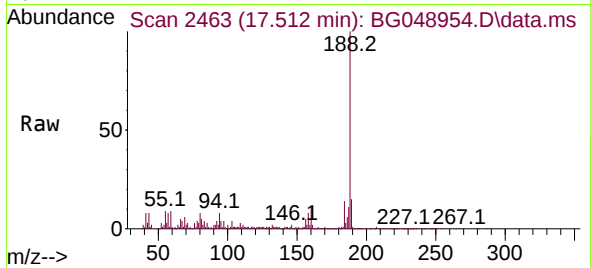
Manual Integrations
APPROVED

mohammad
6/15/2021 2:38:21 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10

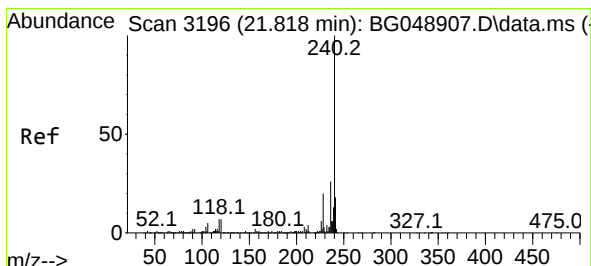
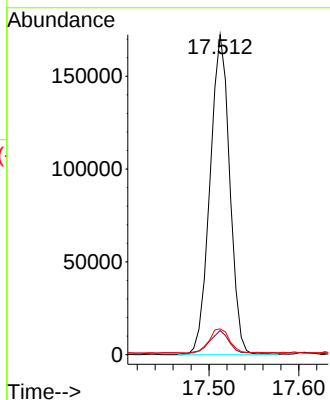
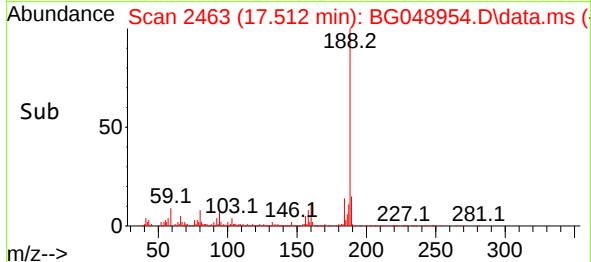
Instrument :
BNA_G
ClientSampleId :
1824-25RE



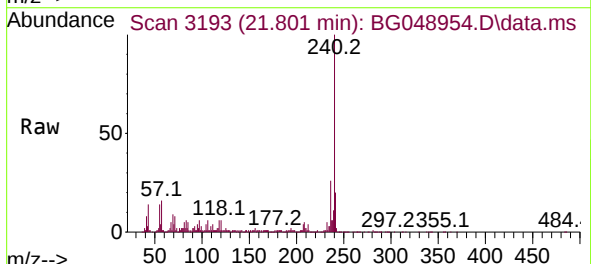
Tgt Ion:188 Resp: 262582
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.0 3.7 5.5#

Manual Integrations
APPROVED

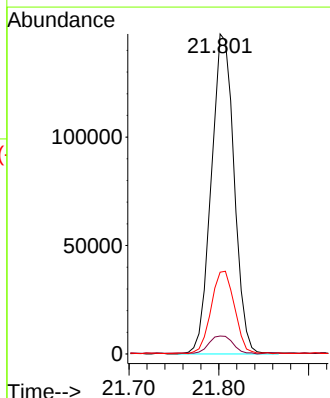
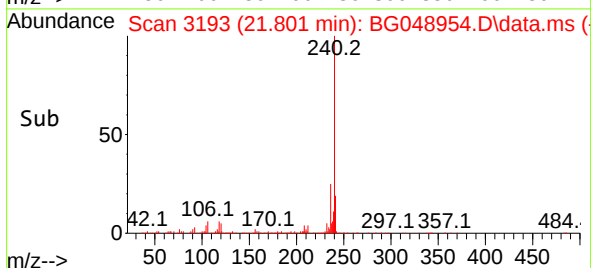
mohammad
6/15/2021 2:38:21 PM

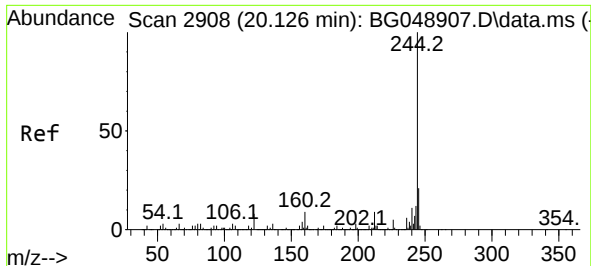


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG048954.D
Acq: 14 Jun 2021 18:10



Tgt Ion:240 Resp: 260620
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.5 21.8 32.6





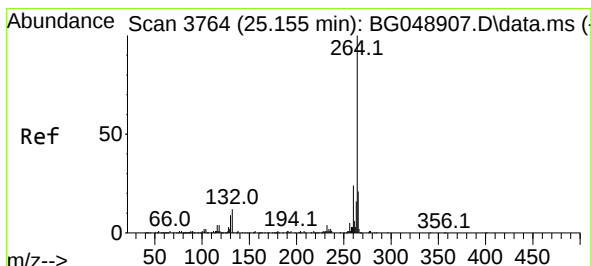
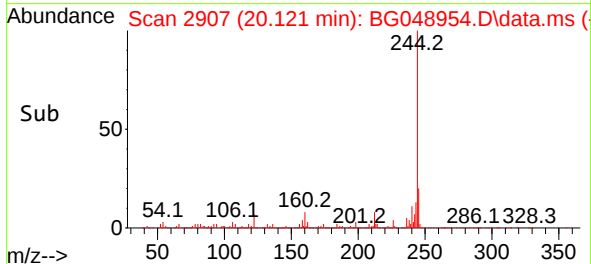
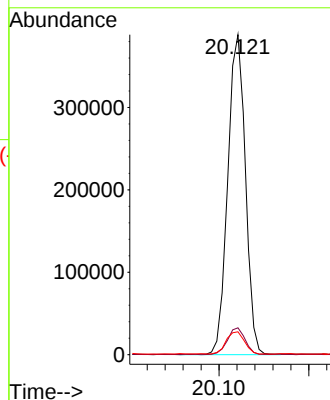
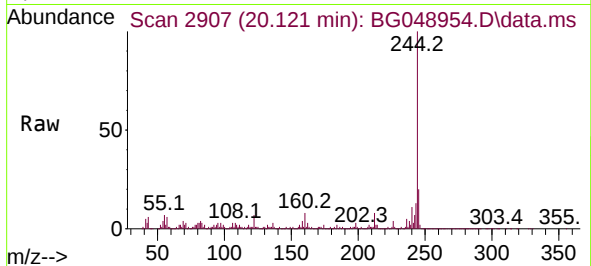
#79
 Terphenyl-d14
 Concen: 37.25 ng
 RT: 20.121 min Scan# 2907
 Delta R.T. -0.005 min
 Lab File: BG048954.D
 Acq: 14 Jun 2021 18:10

Tgt Ion:244 Resp: 530125
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 7.1 5.0 7.6

Instrument :
 BNA_G
 ClientSampleId :
 1824-25RE

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:38:21 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.145 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048954.D
 Acq: 14 Jun 2021 18:10

Tgt Ion:264 Resp: 267238
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.4 29.2
 265 21.4 16.9 25.3

