

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049048.D
 Acq On : 22 Jun 2021 16:33
 Operator : CG/JU
 Sample : M2777-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X-2

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:42:21 PM

Quant Time: Jun 22 17:12:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	39530	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	144040	20.000	ng	# 0.00
39) Acenaphthene-d10	14.767	164	106010	20.000	ng	0.00
64) Phenanthrene-d10	17.517	188	204520	20.000	ng	# 0.00
76) Chrysene-d12	21.794	240	221467	20.000	ng	0.00
86) Perylene-d12	25.120	264	243674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	240145	94.568	ng	0.00
7) Phenol-d6	7.264	99	316823	83.242	ng	0.00
23) Nitrobenzene-d5	9.279	82	240980	72.140	ng	0.00
42) 2,4,6-Tribromophenol	16.259	330	159179	101.349	ng	0.01
45) 2-Fluorobiphenyl	13.386	172	448836	59.811	ng	0.00
79) Terphenyl-d14	20.114	244	726692	60.094	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.593	142	85887	13.251	ng	# 79
38) 1-Methylnaphthalene	12.816	142	97798	16.072	ng	# 92
46) 1,1'-Biphenyl	13.598	154	59532	7.617	ng	89
52) Acenaphthene	14.832	154	23371m	3.486	ng	
55) Dibenzofuran	15.161	168	24527m	2.354	ng	
58) Fluorene	15.813	166	69724m	8.183	ng	
71) Phenanthrene	17.558	178	37645	3.271	ng	# 76
78) Pyrene	19.926	202	62600	3.894	ng	# 92

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

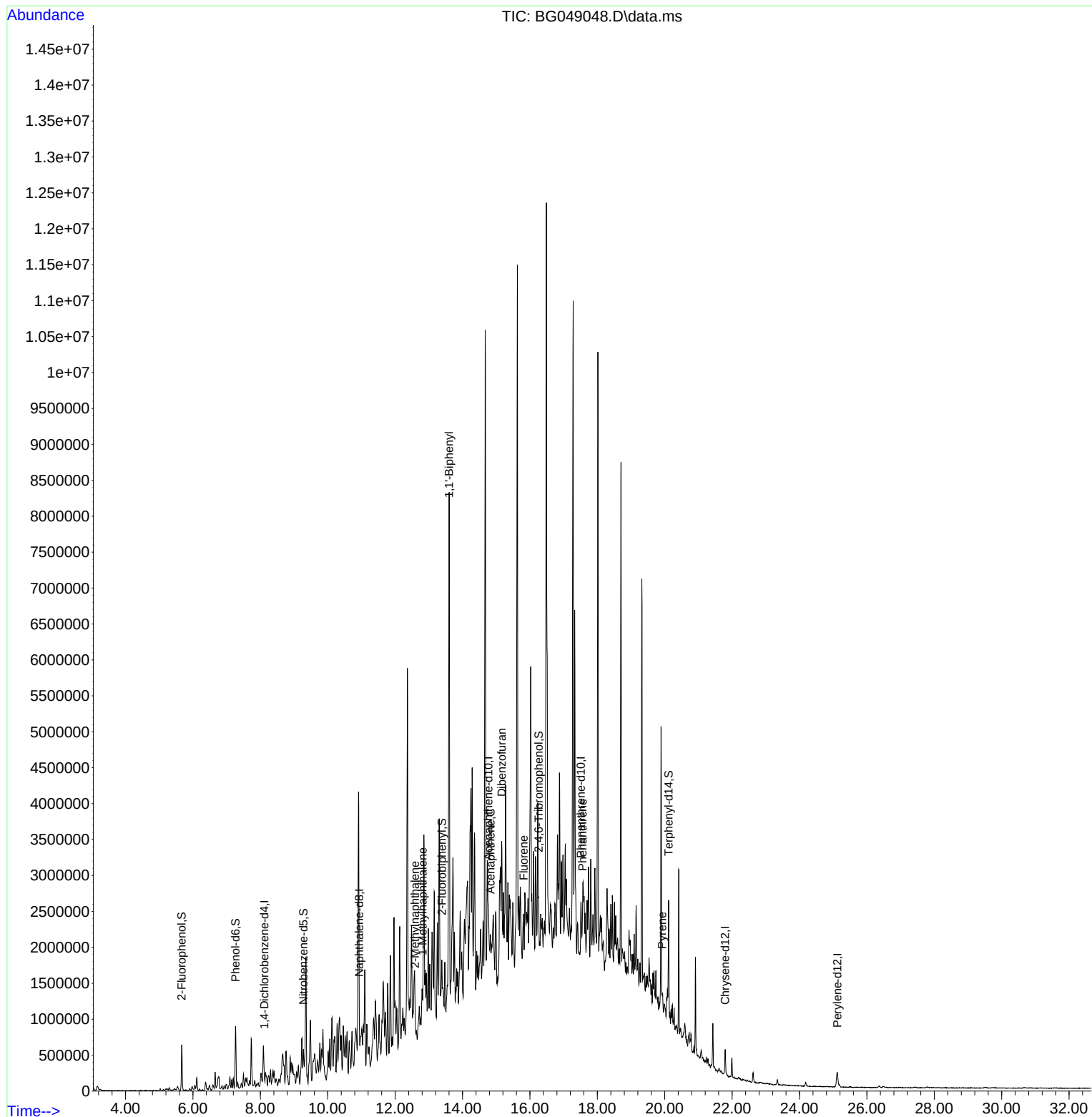
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049048.D
Acq On : 22 Jun 2021 16:33
Operator : CG/JU
Sample : M2777-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

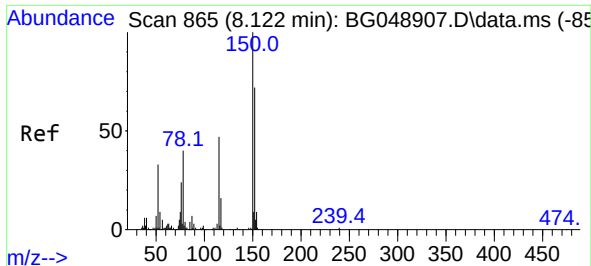
Instrument :
BNA_G
ClientSampleId :
X-2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:42:21 PM

Quant Time: Jun 22 17:12:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration





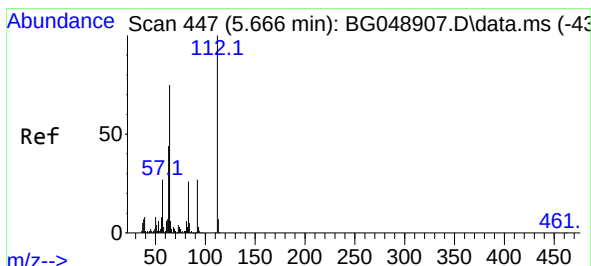
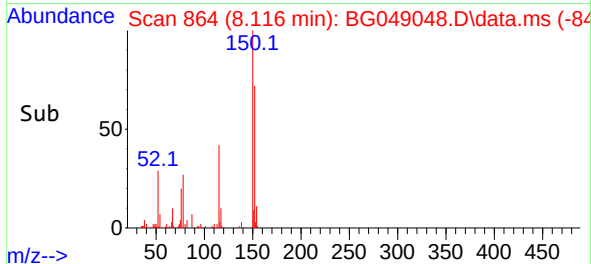
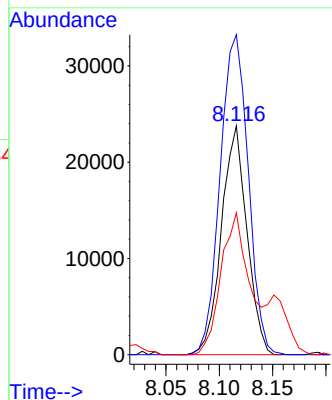
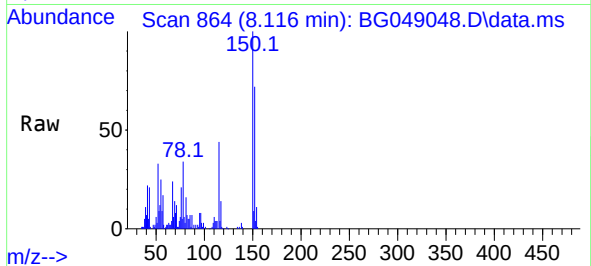
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 864
Delta R.T. 0.002 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion:152 Resp: 39530
Ion Ratio Lower Upper
152 100
150 139.8 119.4 179.0
115 62.0 60.2 90.4

Instrument :
BNA_G
ClientSampled :
X-2

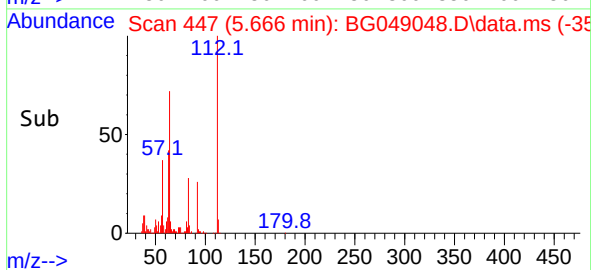
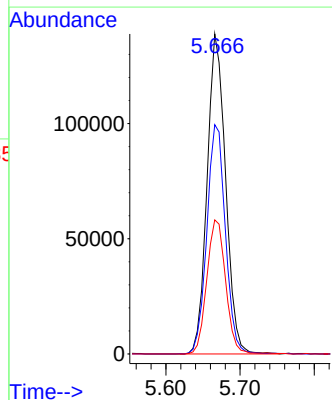
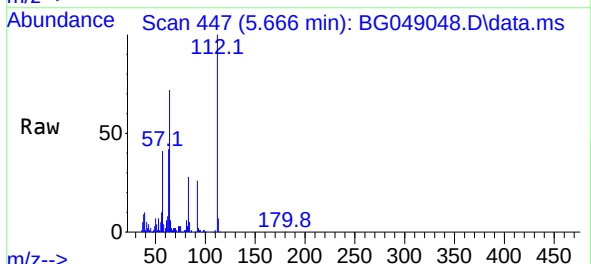
Manual Integrations
APPROVED

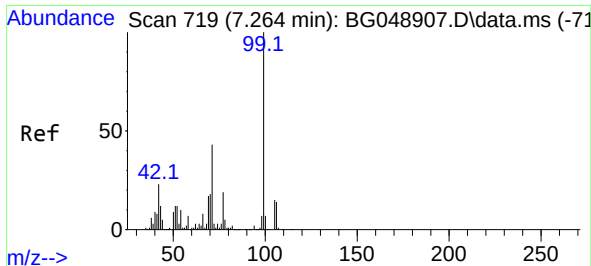
mohammad
6/23/2021 4:42:21 PM



#5
2-Fluorophenol
Concen: 94.568 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion:112 Resp: 240145
Ion Ratio Lower Upper
112 100
64 71.7 46.7 70.1#
63 41.9 35.3 52.9





#7
Phenol-d6
Concen: 83.242 ng
RT: 7.264 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

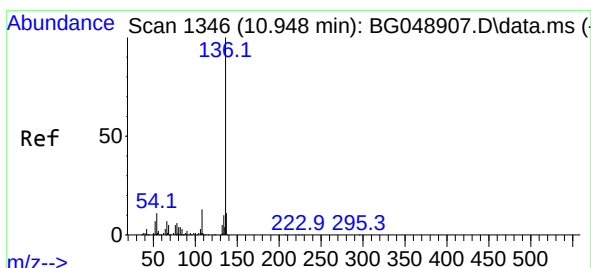
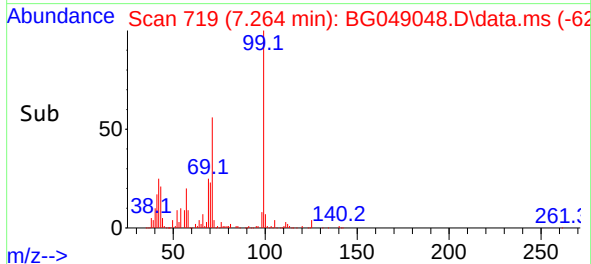
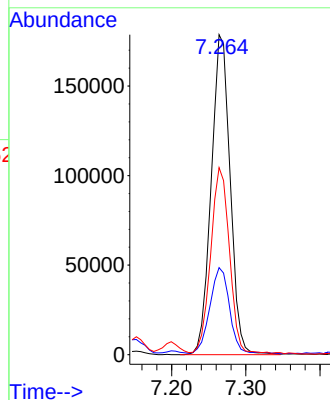
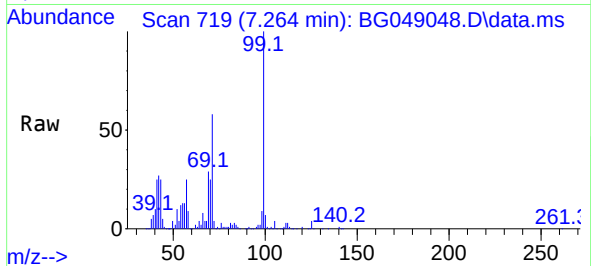
Tgt Ion: 99 Resp: 316823

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.5	30.7
71	58.5	41.5	62.3

Instrument :
BNA_G
ClientSampled :
X-2

Manual Integrations
APPROVED

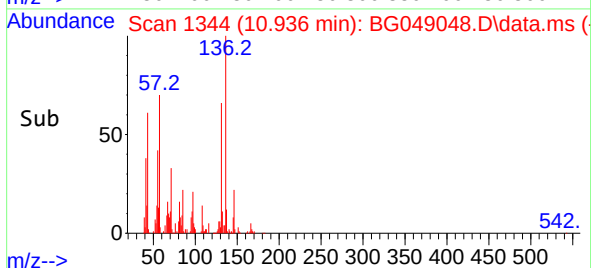
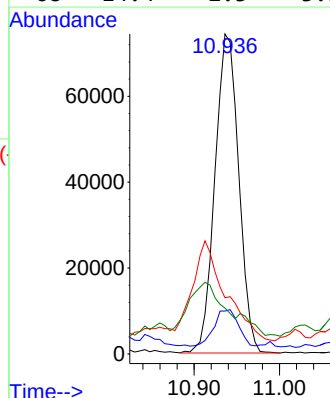
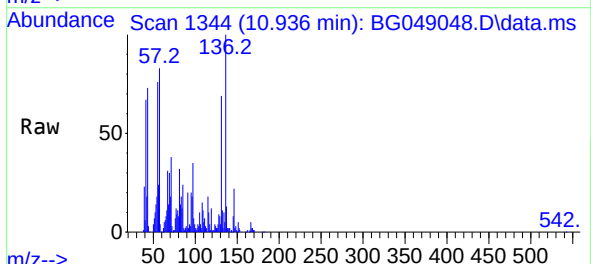
mohammad
6/23/2021 4:42:21 PM

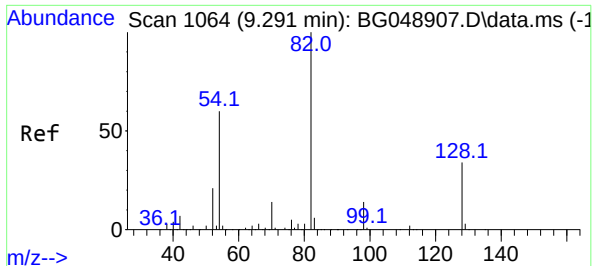


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion: 136 Resp: 144040

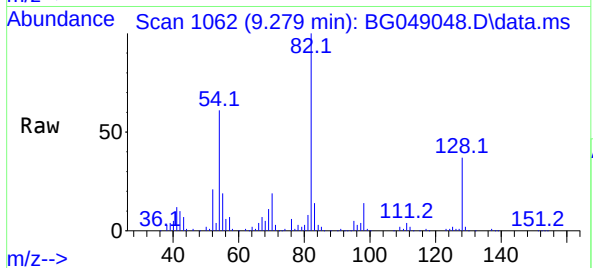
Ion	Ratio	Lower	Upper
136	100		
137	13.4	8.2	12.2#
54	17.5	5.5	8.3#
68	14.4	2.3	3.5#





#23
Nitrobenzene-d5
Concen: 72.140 ng
RT: 9.279 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

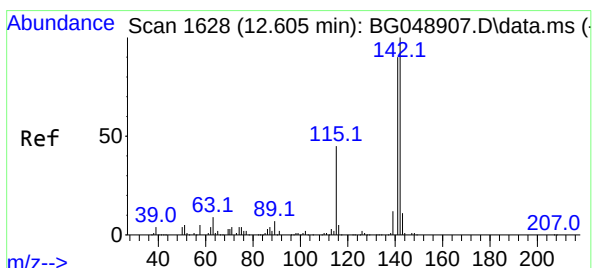
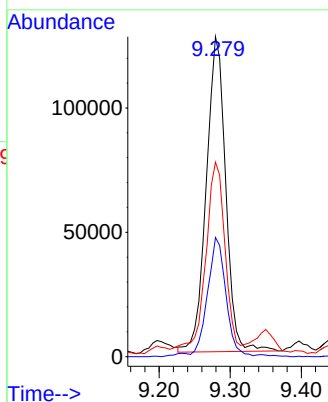
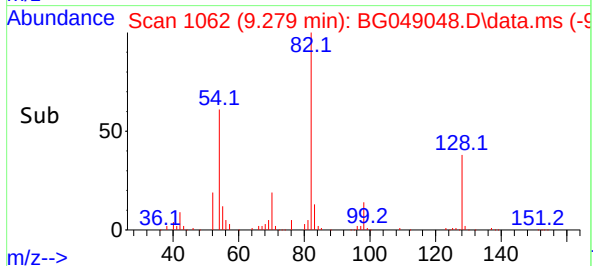
Instrument :
BNA_G
ClientSampled :
X-2



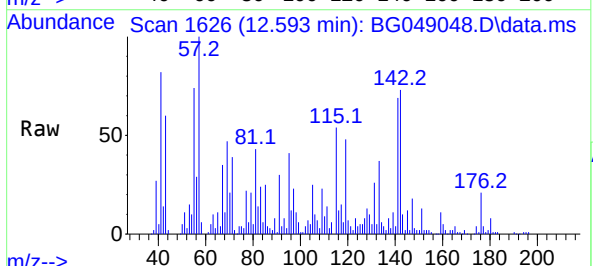
Tgt Ion: 82 Resp: 240980
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 60.8 45.8 68.8

Manual Integrations
APPROVED

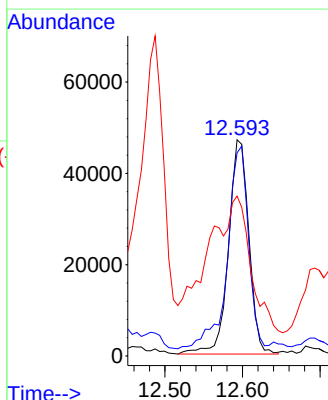
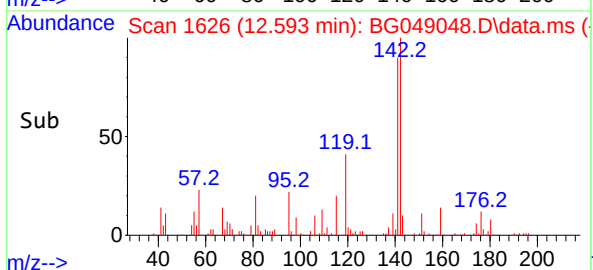
mohammad
6/23/2021 4:42:21 PM

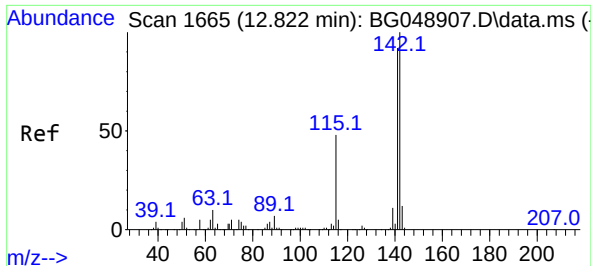


#37
2-Methylnaphthalene
Concen: 13.251 ng
RT: 12.593 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



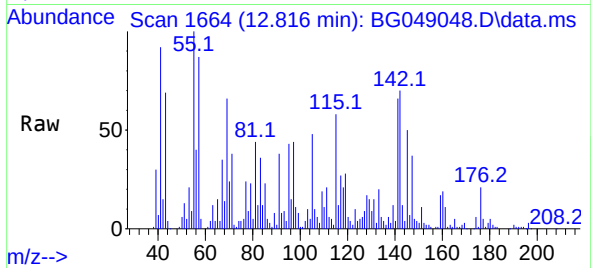
Tgt Ion:142 Resp: 85887
Ion Ratio Lower Upper
142 100
141 93.9 68.8 103.2
115 73.9 36.4 54.6#





#38
1-Methylnaphthalene
Concen: 16.072 ng
RT: 12.816 min Scan# 1664
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

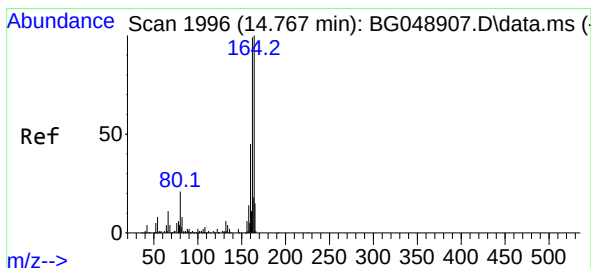
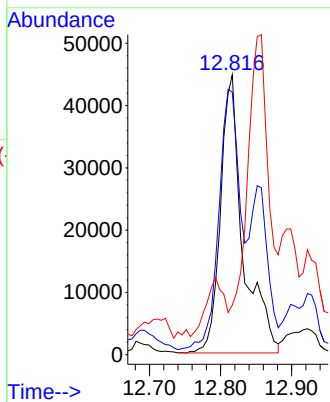
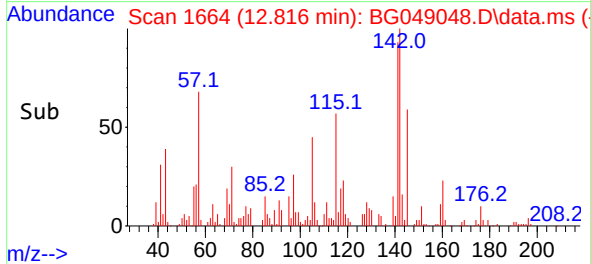
Instrument :
BNA_G
ClientSampled :
X-2



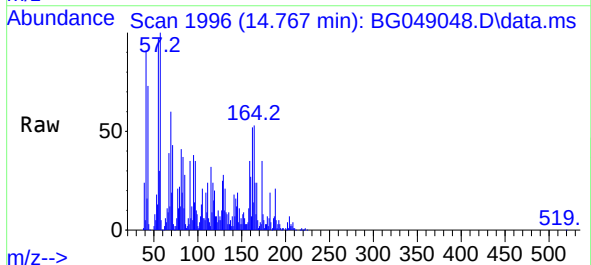
Tgt Ion:142 Resp: 97798
Ion Ratio Lower Upper
142 100
141 93.8 70.6 106.0
116 17.7 4.0 6.0#

Manual Integrations
APPROVED

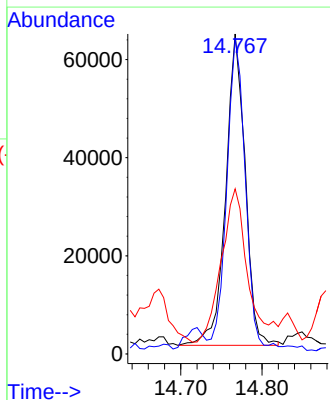
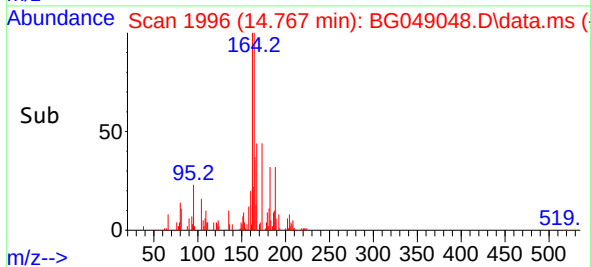
mohammad
6/23/2021 4:42:21 PM

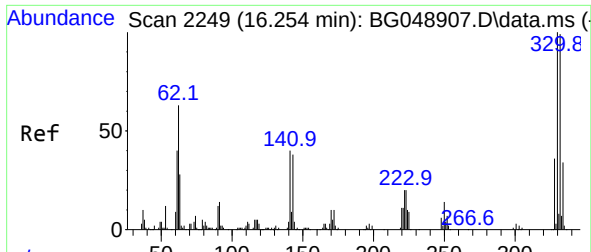


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1996
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

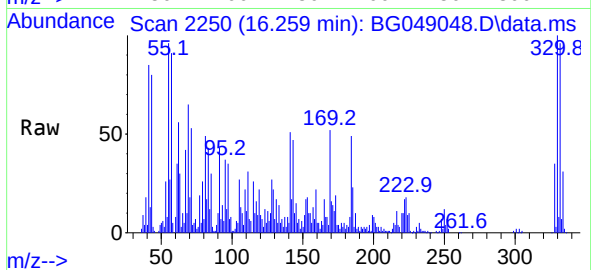


Tgt Ion:164 Resp: 106010
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 51.6 34.9 52.3

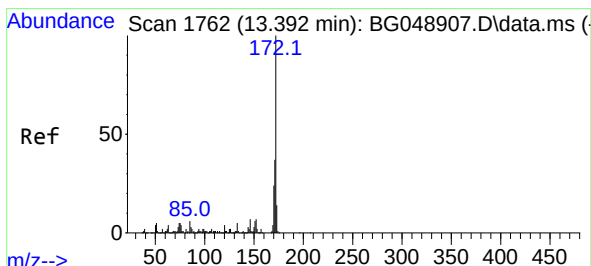
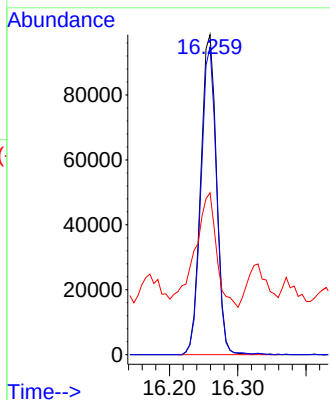
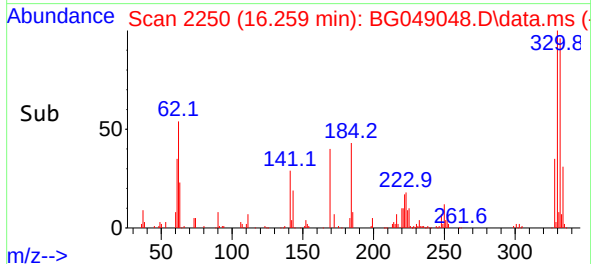




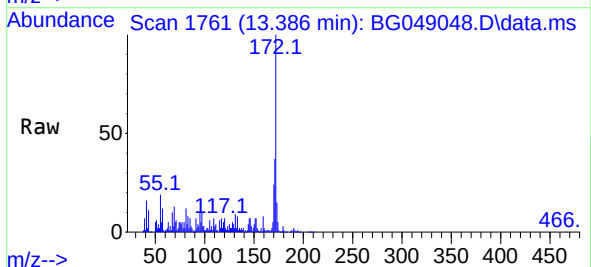
#42
2,4,6-Tribromophenol
Concen: 101.349 ng
RT: 16.259 min Scan# 2250
Delta R.T. 0.014 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



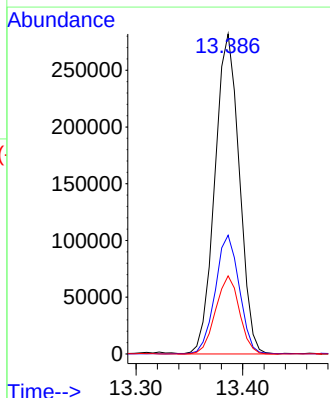
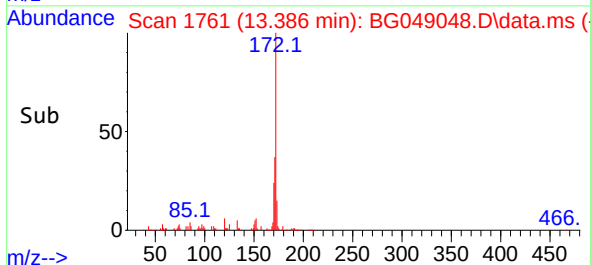
Tgt Ion:330 Resp: 159179
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 48.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 59.811 ng
RT: 13.386 min Scan# 1761
Delta R.T. 0.002 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



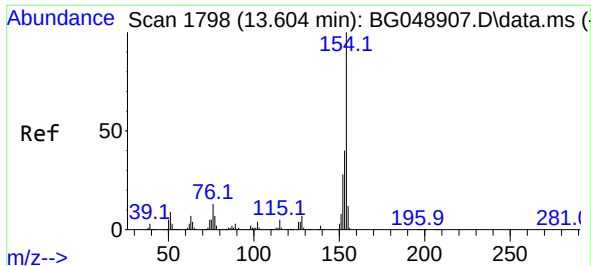
Tgt Ion:172 Resp: 448836
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.4 18.6 27.8



Instrument :
BNA_G
ClientSampled :
X-2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:42:21 PM



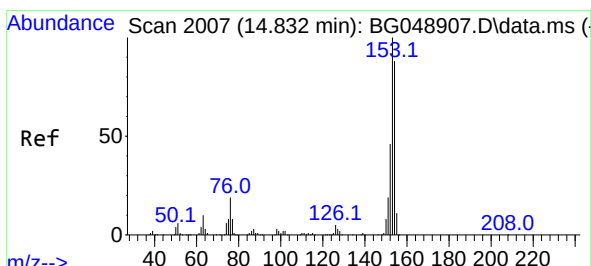
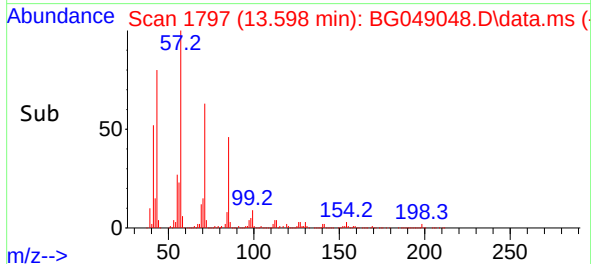
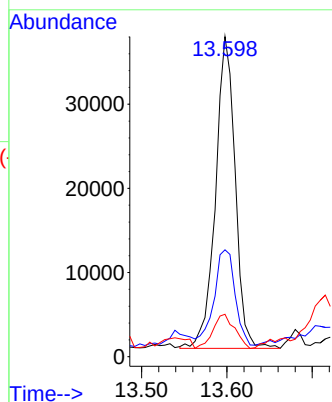
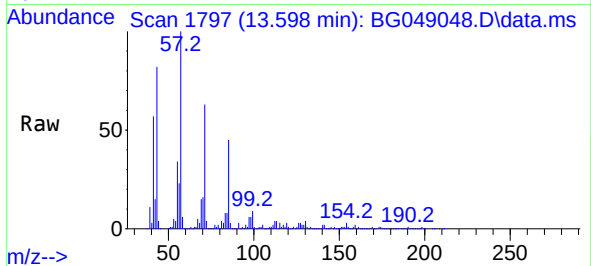
#46
1,1'-Biphenyl
Concen: 7.617 ng
RT: 13.598 min Scan# 1797
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion:	154	Resp:	59532
Ion Ratio	Lower	Upper	
154	100		
153	33.4	20.5	60.5
76	13.2	0.0	29.3

Instrument :
BNA_G
ClientSampled :
X-2

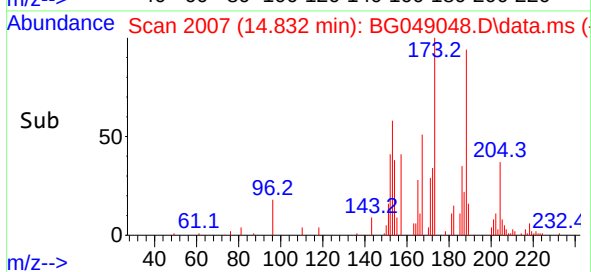
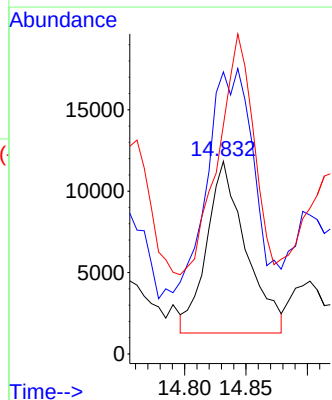
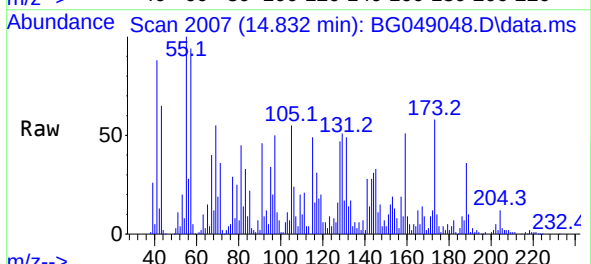
Manual Integrations
APPROVED

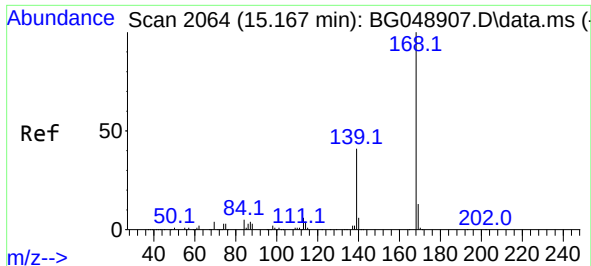
mohammad
6/23/2021 4:42:21 PM



#52
Acenaphthene
Concen: 3.486 ng m
RT: 14.832 min Scan# 2007
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

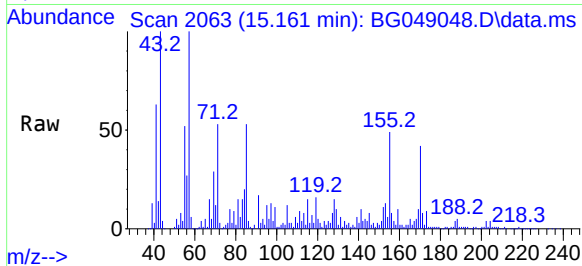
Tgt Ion:	154	Resp:	23371
Ion Ratio	Lower	Upper	
154	100		
153	146.4	87.0	130.4#
152	118.9	40.1	60.1#





#55
Dibenzenofuran
Concen: 2.354 ng m
RT: 15.161 min Scan# 2063
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

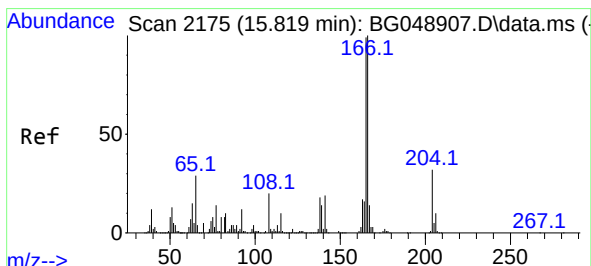
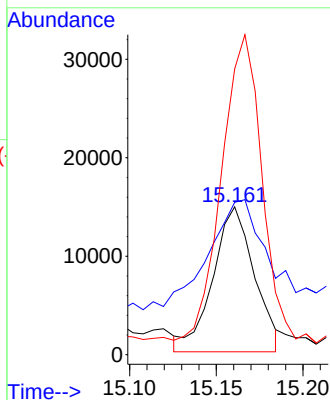
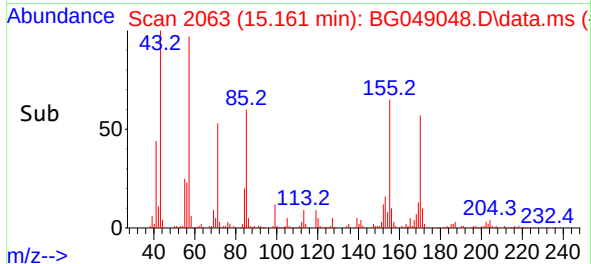
Instrument :
BNA_G
ClientSampled :
X-2



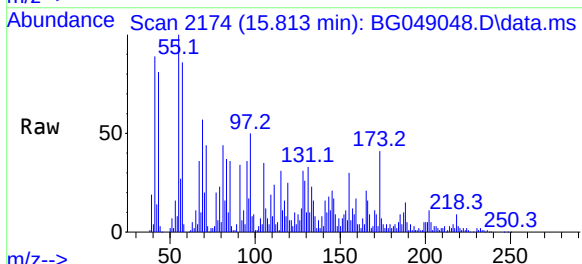
Tgt Ion:168 Resp: 24527
Ion Ratio Lower Upper
168 100
139 103.1 33.4 50.2#
169 193.4 12.3 18.5#

Manual Integrations
APPROVED

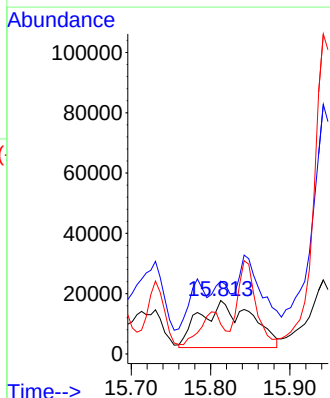
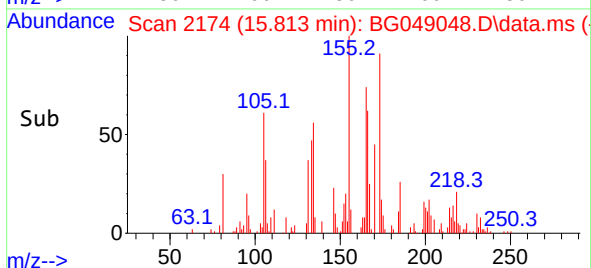
mohammad
6/23/2021 4:42:21 PM

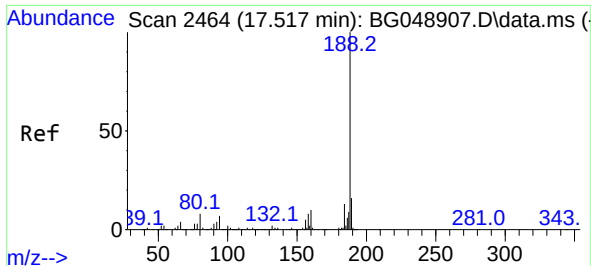


#58
Fluorene
Concen: 8.183 ng m
RT: 15.813 min Scan# 2174
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



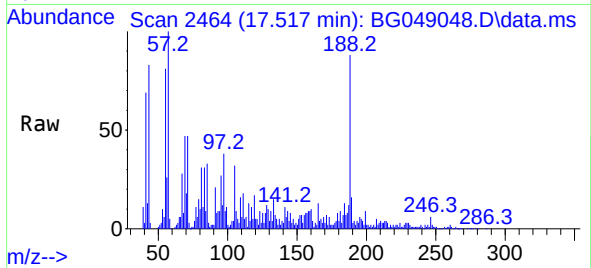
Tgt Ion:166 Resp: 69724
Ion Ratio Lower Upper
166 100
165 136.5 77.7 116.5#
167 55.8 10.8 16.2#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.517 min Scan# 2464
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

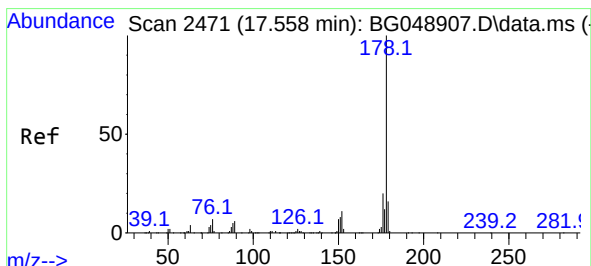
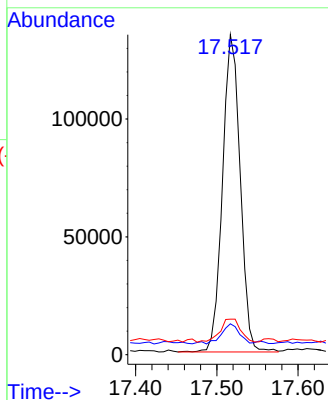
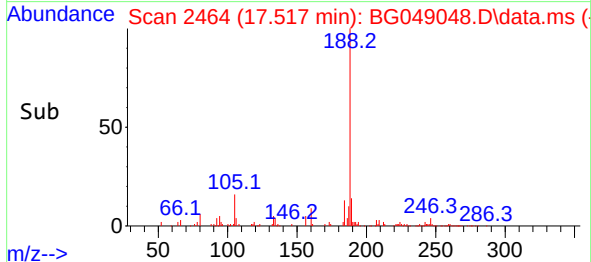
Instrument :
BNA_G
ClientSampled :
X-2



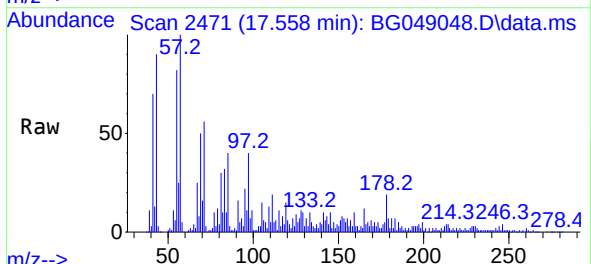
Tgt Ion:188 Resp: 204520
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.1 3.7 5.5#

Manual Integrations
APPROVED

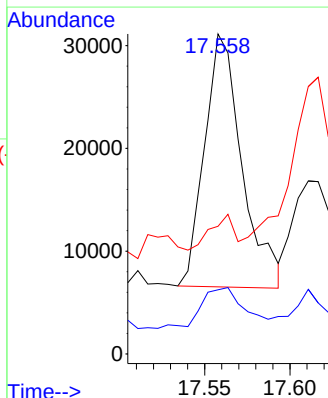
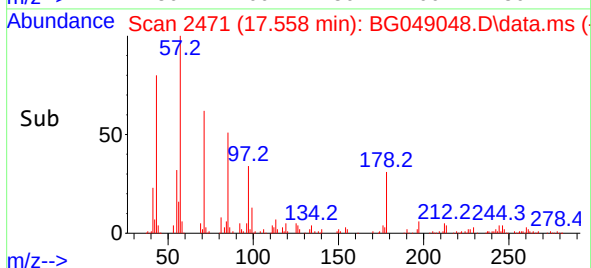
mohammad
6/23/2021 4:42:21 PM

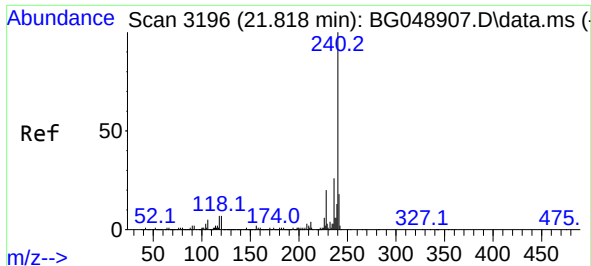


#71
Phenanthrene
Concen: 3.271 ng
RT: 17.558 min Scan# 2471
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



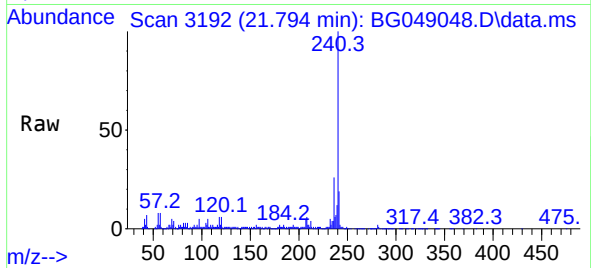
Tgt Ion:178 Resp: 37645
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 39.9 14.2 21.4#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

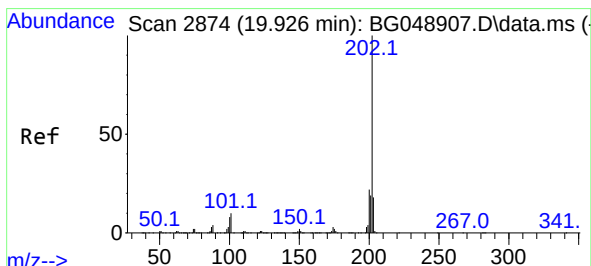
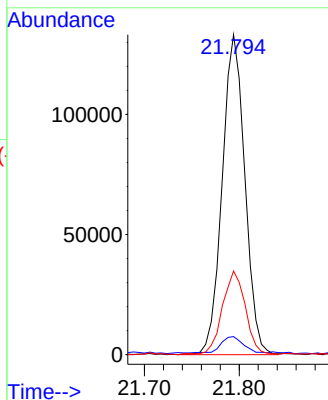
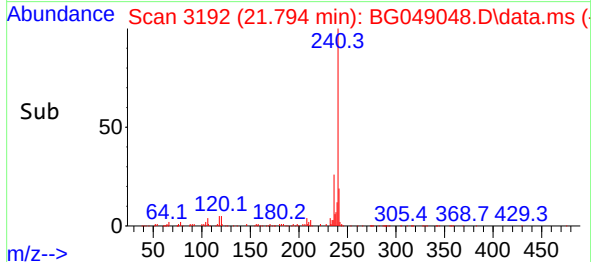
Instrument :
BNA_G
ClientSampled :
X-2



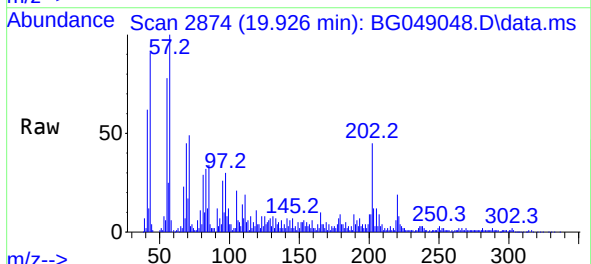
Tgt Ion:240 Resp: 221467
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.1 21.8 32.6

Manual Integrations
APPROVED

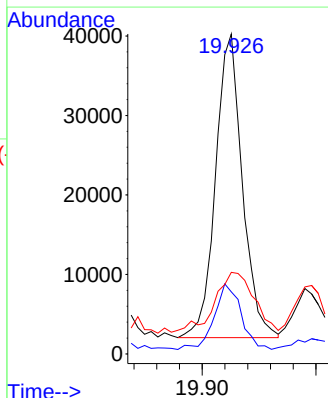
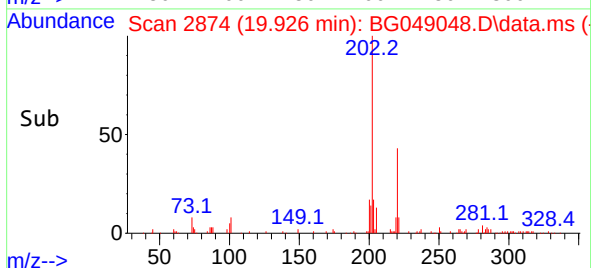
mohammad
6/23/2021 4:42:21 PM

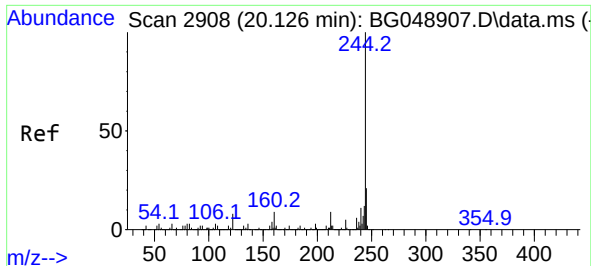


#78
Pyrene
Concen: 3.894 ng
RT: 19.926 min Scan# 2874
Delta R.T. 0.008 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33



Tgt Ion:202 Resp: 62600
Ion Ratio Lower Upper
202 100
200 19.4 15.8 23.8
203 25.5 14.6 21.8#





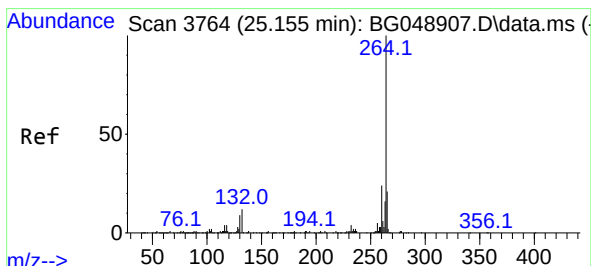
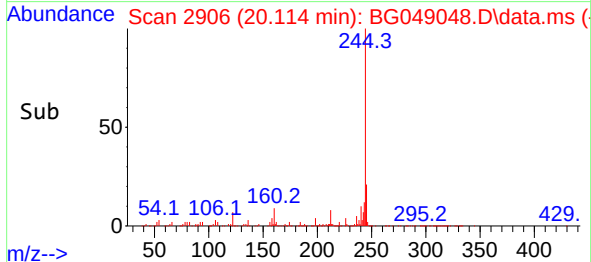
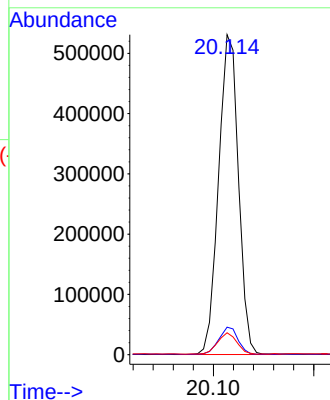
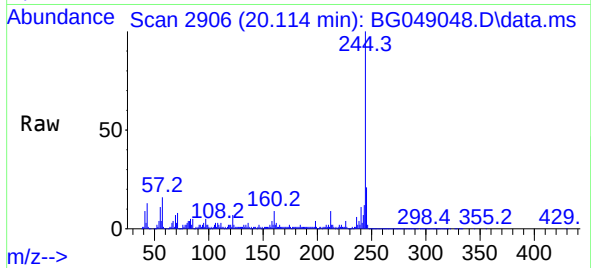
#79
Terphenyl-d14
Concen: 60.094 ng
RT: 20.114 min Scan# 2906
Delta R.T. 0.002 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion:244 Resp: 726692
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 6.8 5.0 7.6

Instrument :
BNA_G
ClientSampled :
X-2

Manual Integrations
APPROVED

mohammad
6/23/2021 4:42:21 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.120 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BG049048.D
Acq: 22 Jun 2021 16:33

Tgt Ion:264 Resp: 243674
Ion Ratio Lower Upper
264 100
260 22.4 19.4 29.2
265 20.6 16.9 25.3

