

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041868.D
 Acq On : 1 Aug 2019 18:09
 Operator : HP/JU
 Sample : K4048-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C4-GW

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:47:25 PM

Quant Time: Aug 02 03:21:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39036	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	141868	20.00	ng	-0.01
39) Acenaphthene-d10	14.70	164	93340	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	207272	20.00	ng	0.00
76) Chrysene-d12	21.73	240	245871	20.00	ng	0.00
87) Perylene-d12	25.00	264	278738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	125784	62.69	ng	0.00
7) Phenol-d6	7.19	99	105793	39.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	209047	101.40	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	159756	150.68	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	573279	108.32	ng	-0.01
79) Terphenyl-d14	20.06	244	1073447	99.90	ng	0.00
Target Compounds						
10) Phenol	7.21	94	32824	11.664	ng	99
32) Benzoic acid	10.10	122	6780m	13.093	ng	
50) Dimethylphthalate	14.15	163	50722	7.957	ng	97
52) Acenaphthene	14.76	154	25358	5.102	ng	96
58) Fluorene	15.75	166	44707	7.328	ng	96
71) Phenanthrene	17.49	178	47558	4.787	ng	94

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

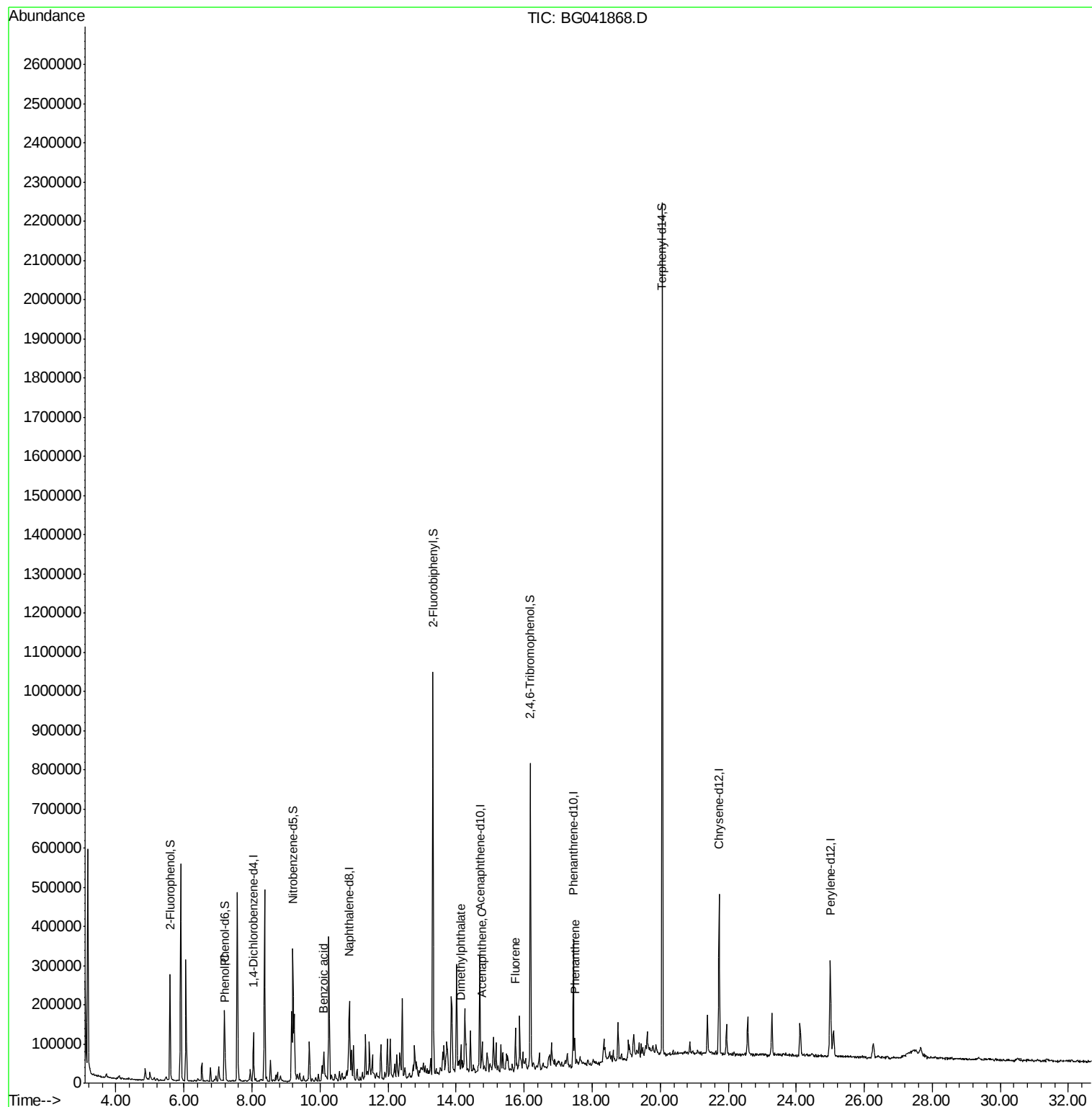
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041868.D
Acq On : 1 Aug 2019 18:09
Operator : HP/JU
Sample : K4048-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

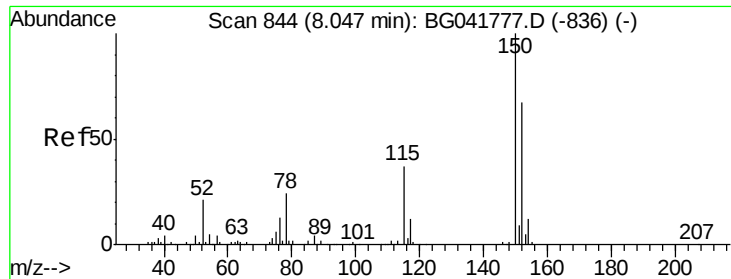
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:25 PM

Quant Time: Aug 02 03:21:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration





#1

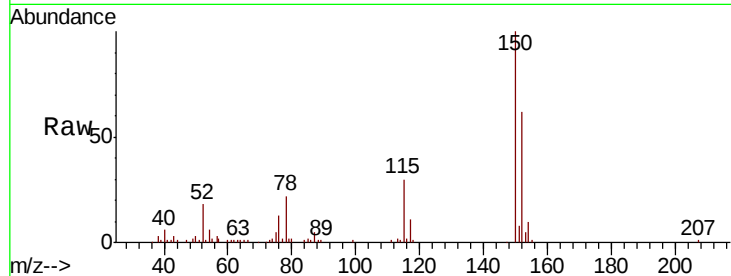
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.9	190.3
115	48.5	45.0	67.6

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:25 PM

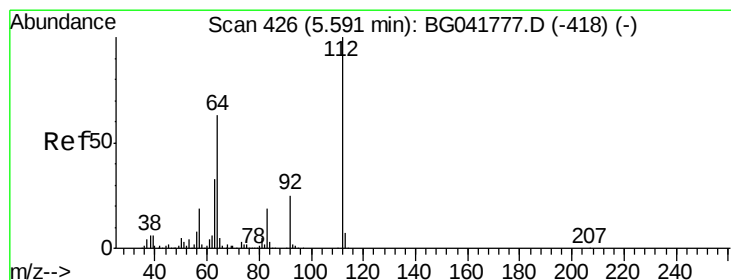
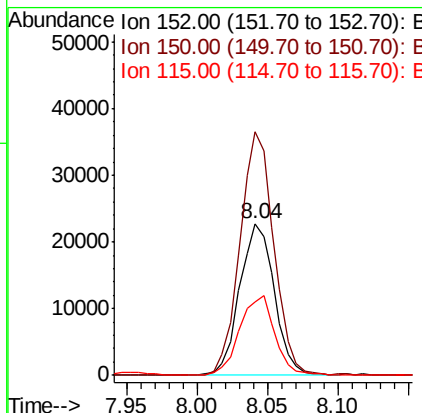
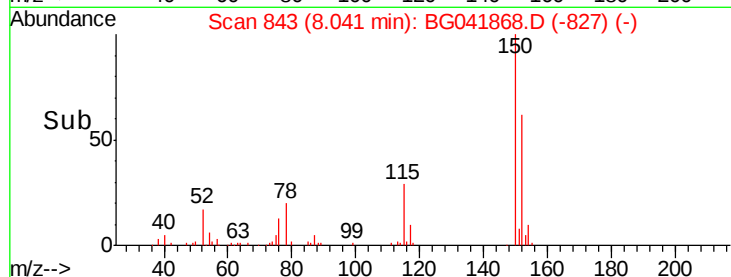


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

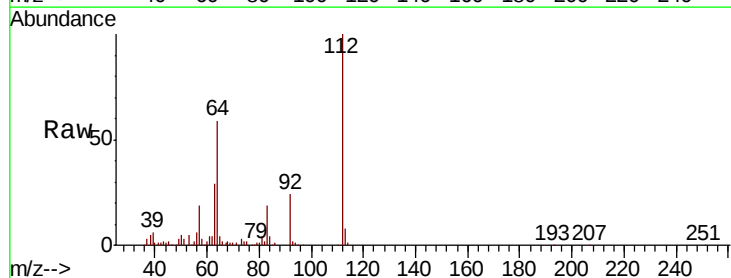
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.693 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	55.4	83.2
63	29.0	29.1	43.7#

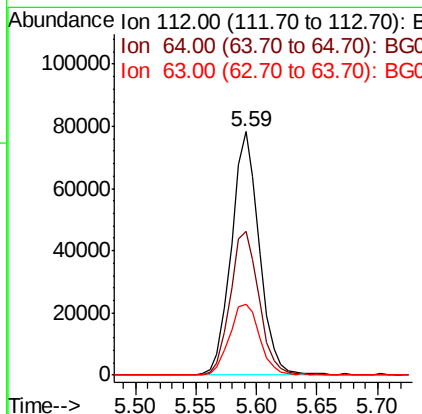
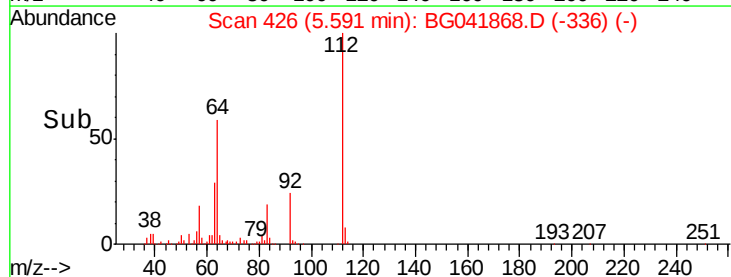


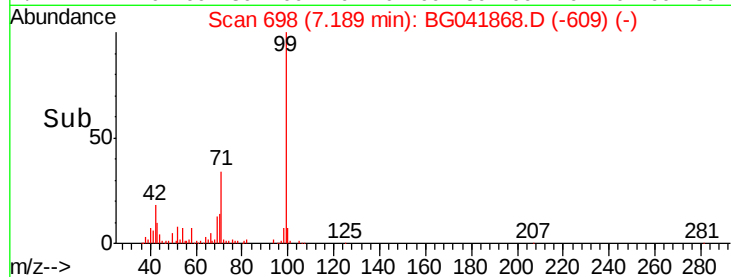
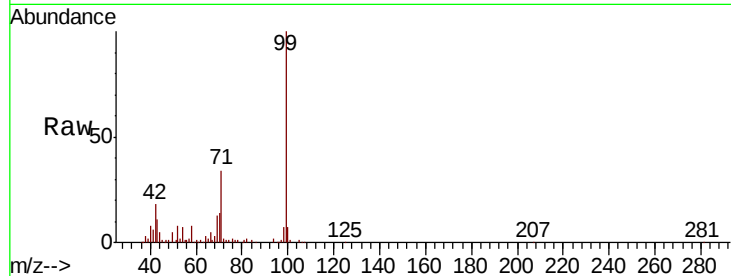
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 39.112 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041868.D

Acq: 1 Aug 2019 18:09

Tot Ion:	99	Resp:	105793
Ion Ratio	Lower	Upper	
99	100		
42	18.3	17.6	26.4
71	33.8	27.8	41.6

Instrument :

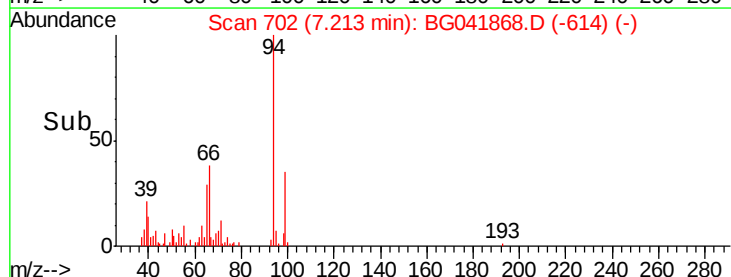
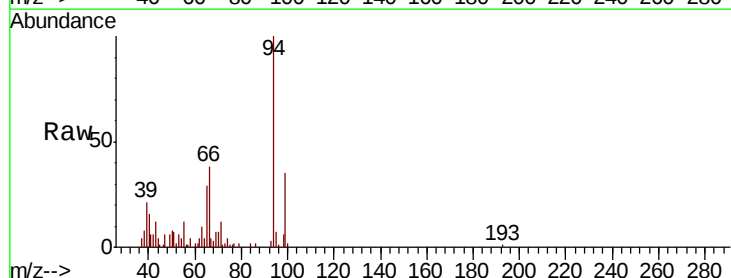
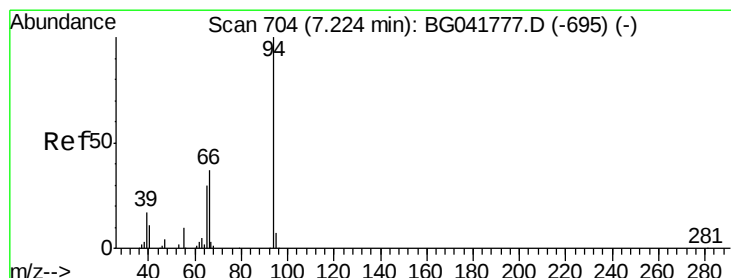
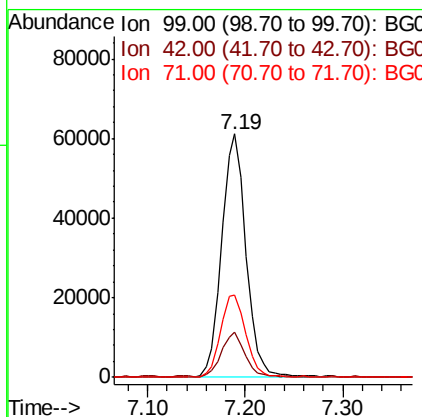
BNA_G

ClientSampleId :

OWL-C4-GW

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:25 PM



#10

Phenol

Concen: 11.664 ng

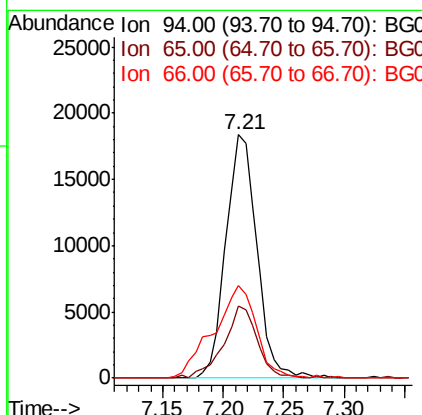
RT: 7.21 min Scan# 702

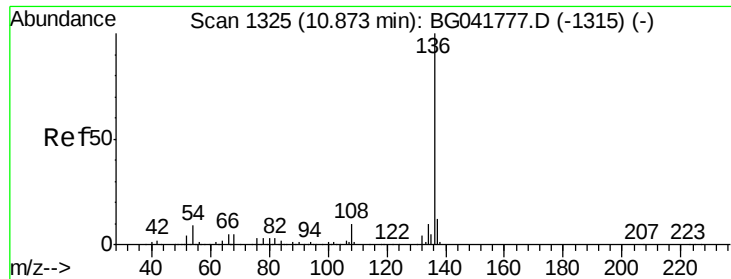
Delta R.T. -0.01 min

Lab File: BG041868.D

Acq: 1 Aug 2019 18:09

Tgt Ion:	94	Resp:	32824
Ion Ratio	Lower	Upper	
94	100		
65	29.5	10.6	50.6
66	37.9	18.2	58.2





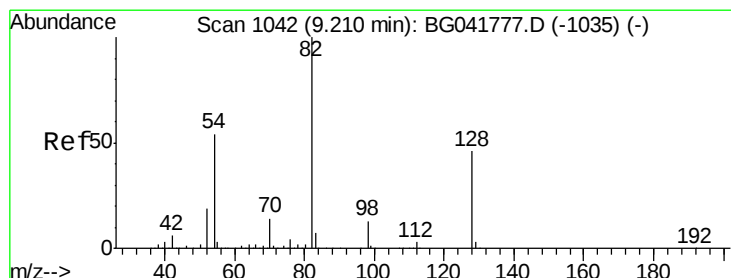
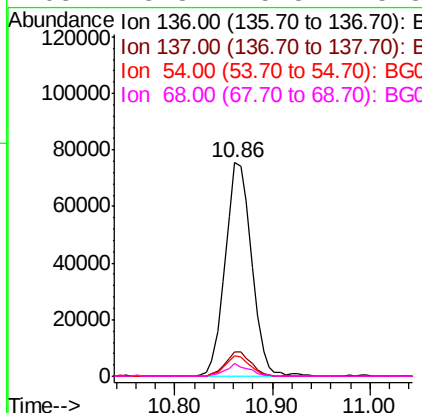
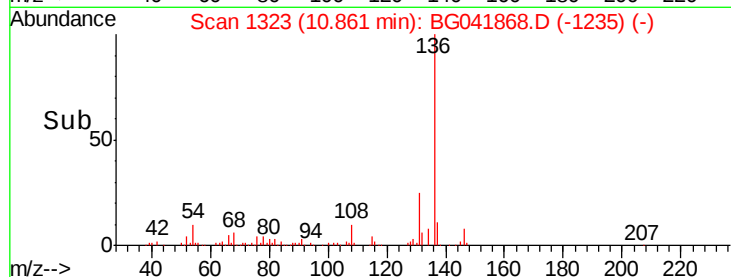
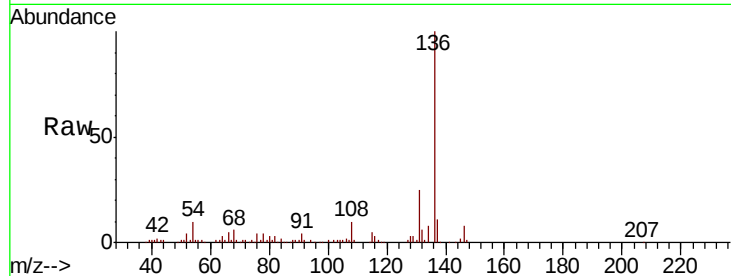
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	9.7	8.7	13.1	
68	5.8	5.5	8.3	

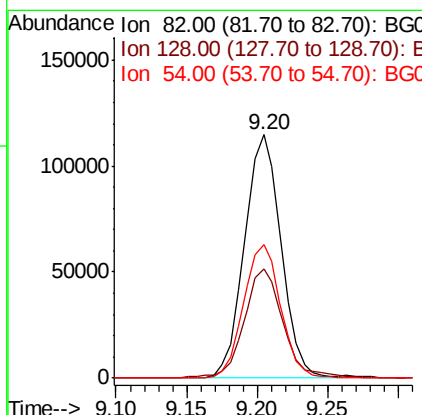
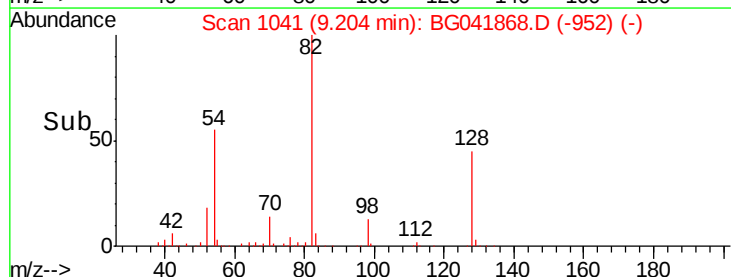
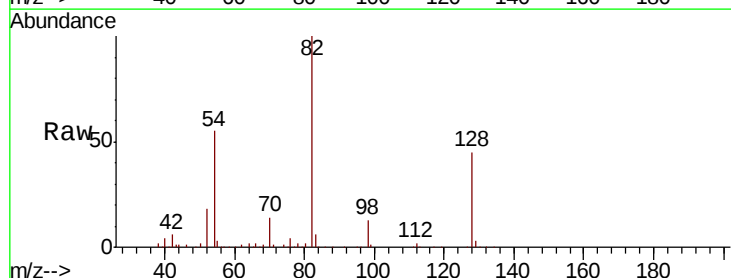
Manual Integrations
APPROVED

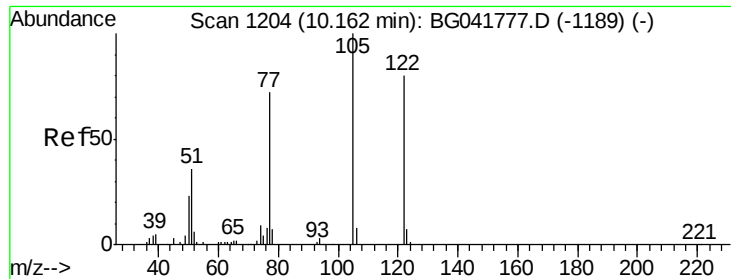
mohammad
8/5/2019 1:47:25 PM



#23
Nitrobenzene-d5
Concen: 101.403 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	35.1	52.7	
54	54.7	48.7	73.1	





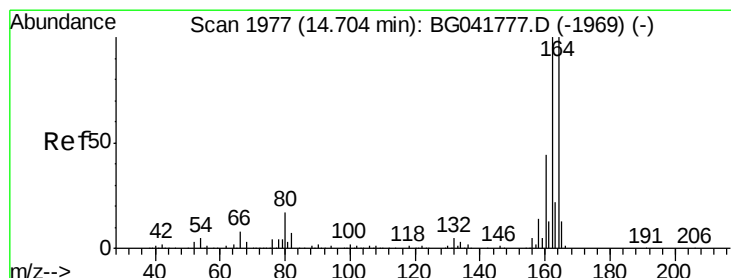
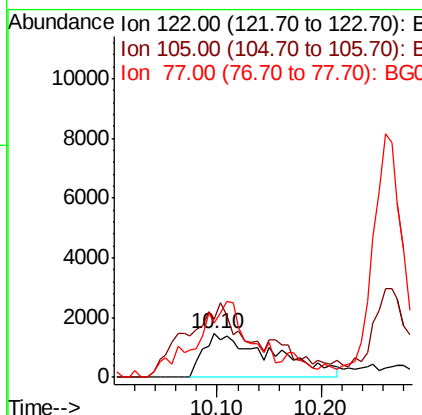
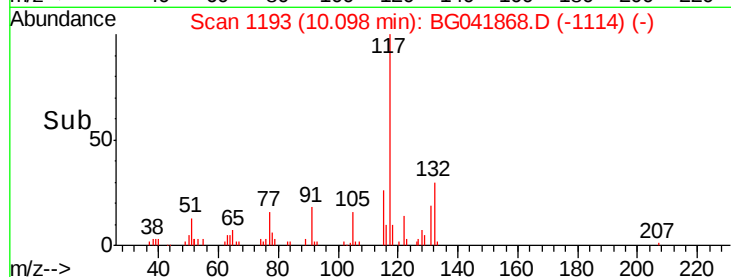
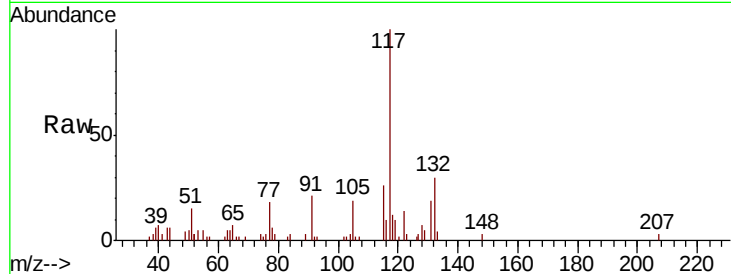
#32
Benzoic acid
Concen: 13.093 ng/ml
RT: 10.10 min Scan# 1193
Delta R.T. -0.06 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
122	100		
105	134.7	101.5	141.5
77	125.1	73.0	113.0

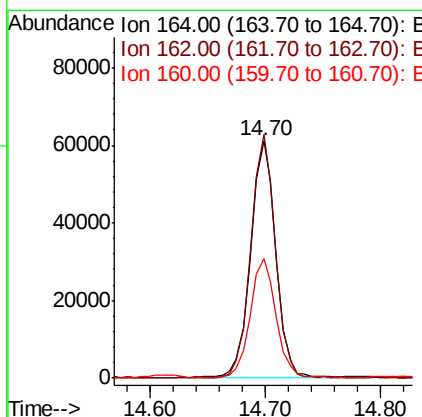
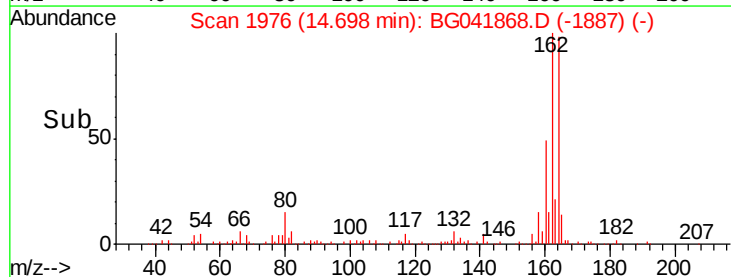
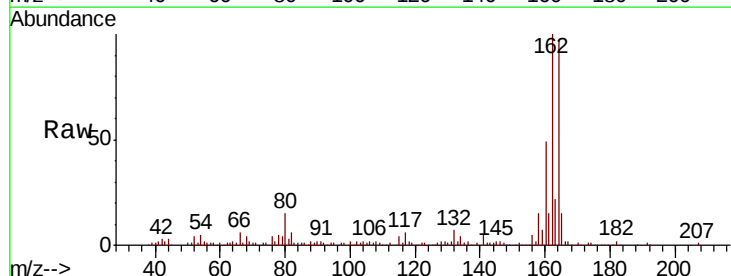
Manual Integrations
APPROVED

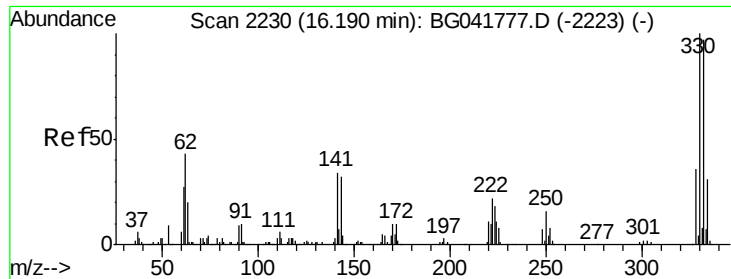
mohammad
8/5/2019 1:47:25 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.6	119.4
160	50.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 150.683 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG041868.D

Acq: 1 Aug 2019 18:09

Instrument :

BNA_G

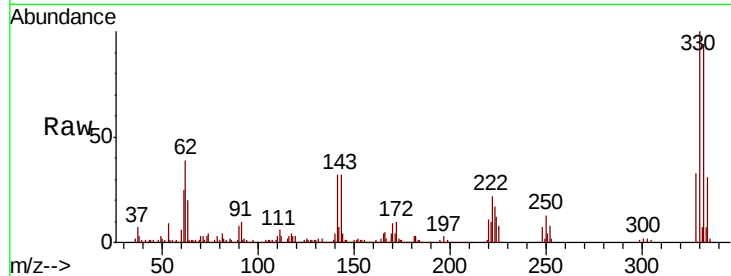
ClientSampleId :

OWL-C4-GW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	159756		
332	96.0		77.4	116.0
141	31.8		31.9	47.9#

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:25 PM

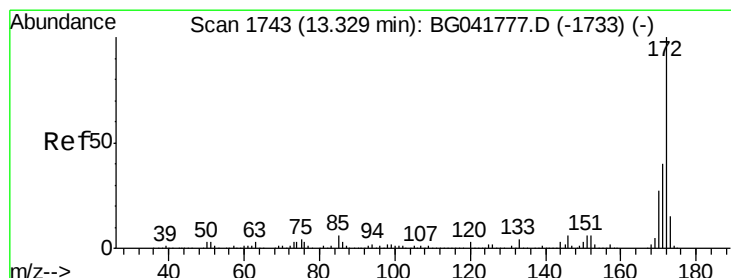
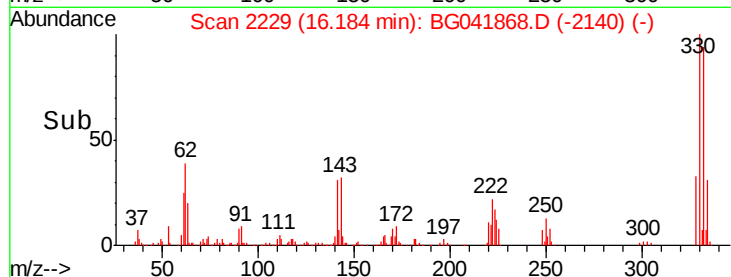
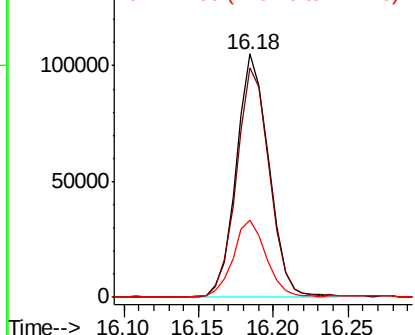


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 108.325 ng

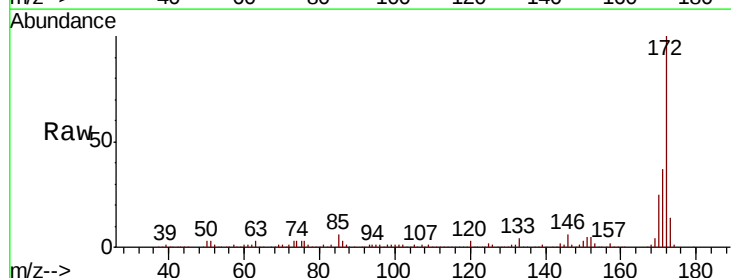
RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041868.D

Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	573279		
171	36.7		35.0	52.4
170	24.5		23.5	35.3

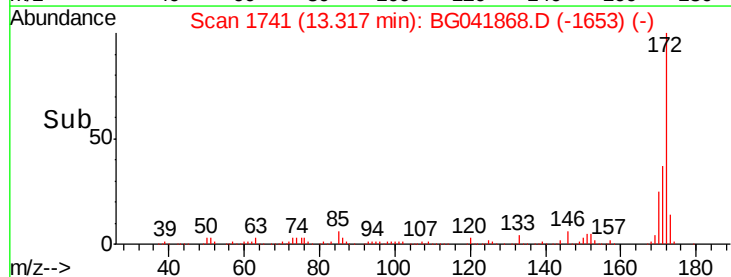
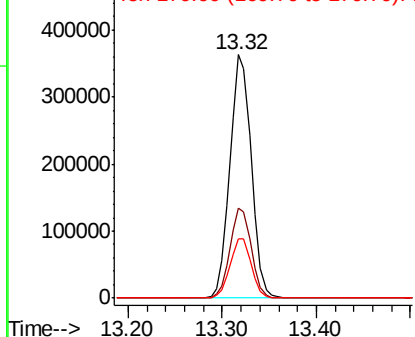


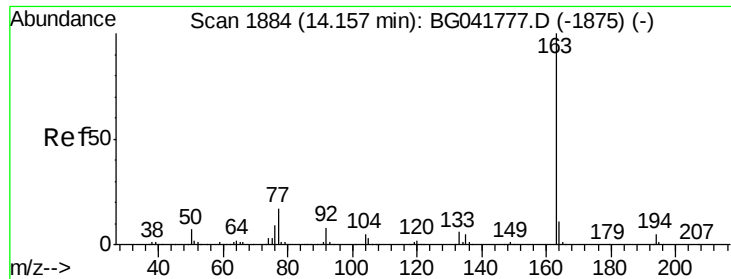
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





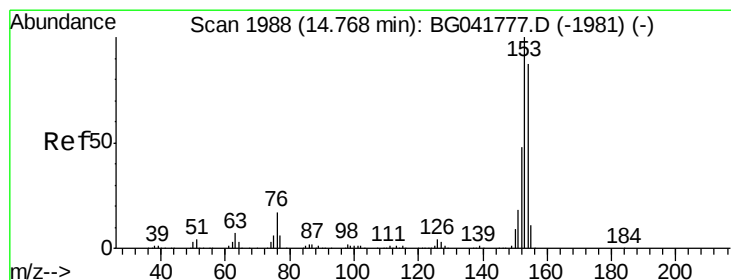
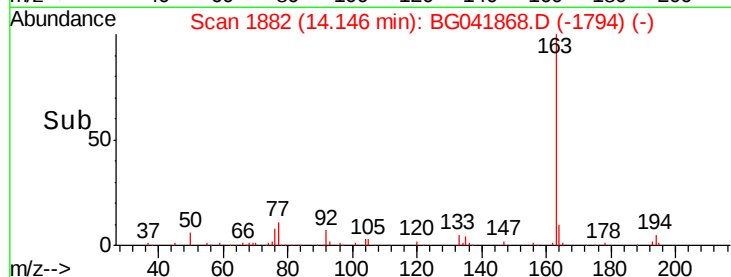
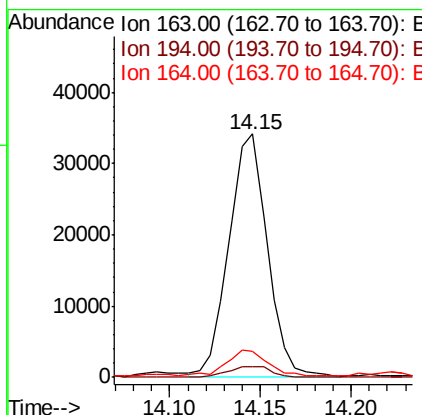
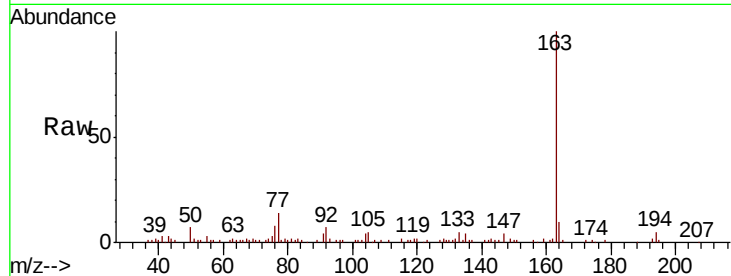
#50
Dimethylphthalate
Concen: 7.957 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	10.5	9.4	14.2

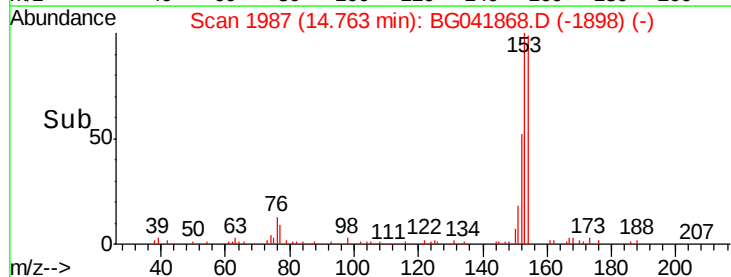
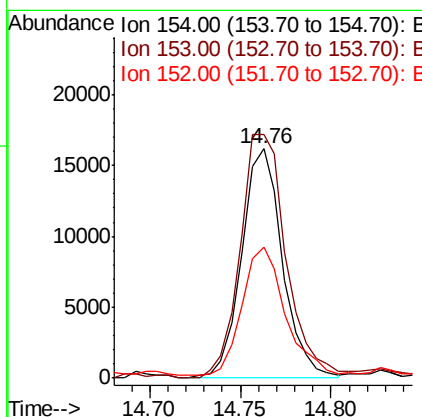
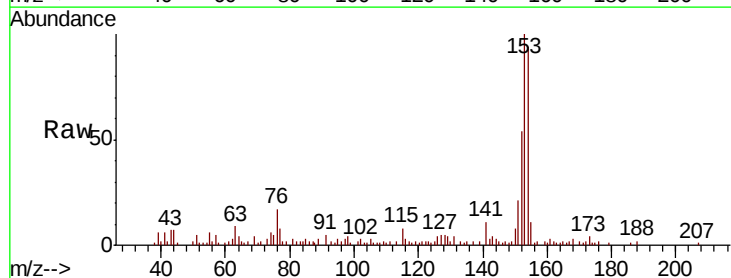
Manual Integrations
APPROVED

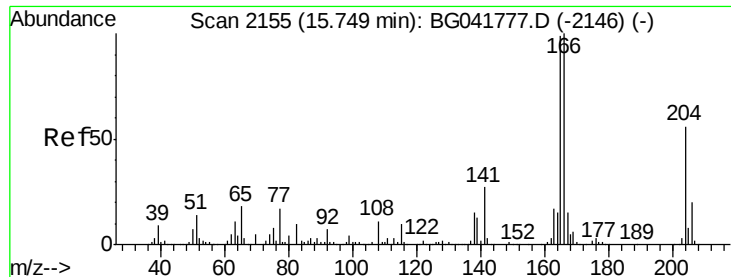
mohammad
8/5/2019 1:47:25 PM



#52
Acenaphthene
Concen: 5.102 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041868.D
Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	105.9	89.8	134.6
152	57.2	44.9	67.3





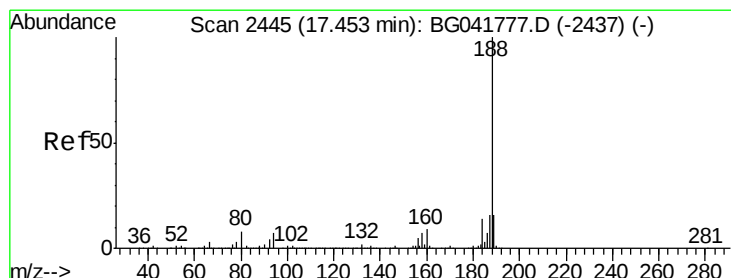
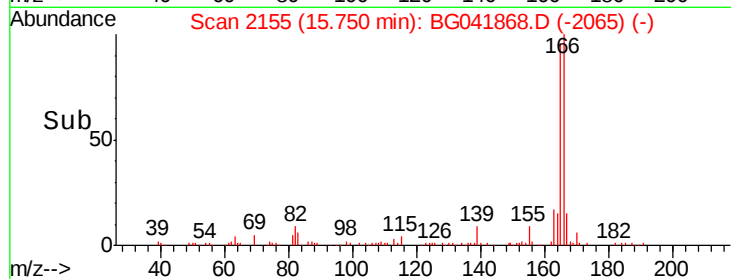
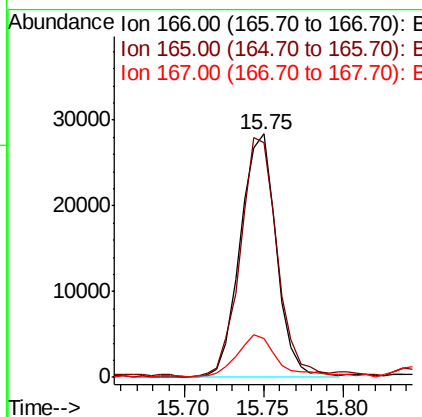
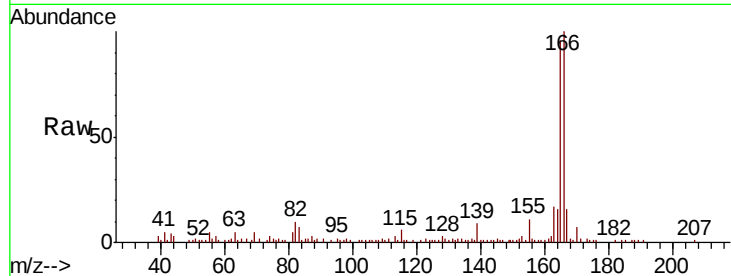
#58
 Fluorene
 Concen: 7.328 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041868.D
 Acq: 1 Aug 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.5	120.7
167	15.9	12.4	18.6

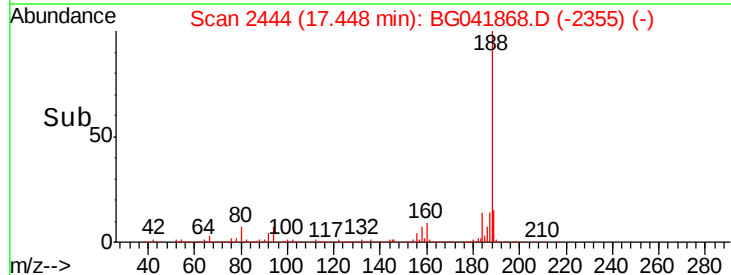
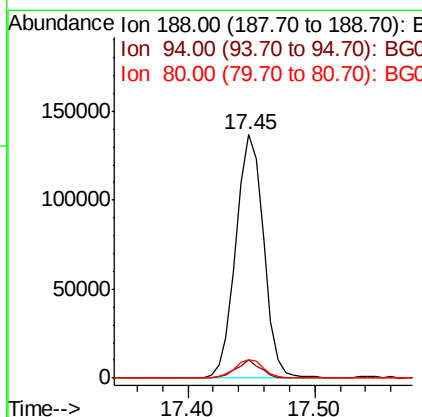
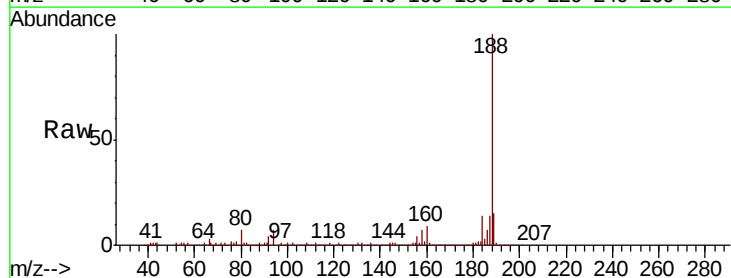
Manual Integrations
 APPROVED

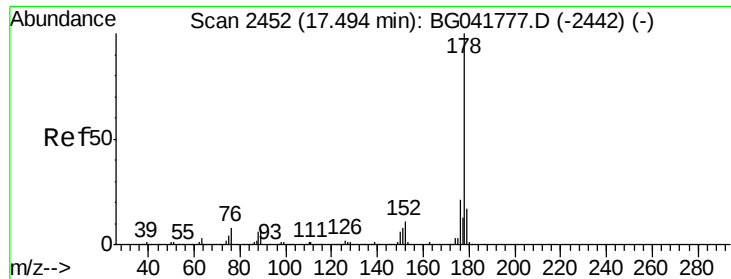
mohammad
 8/5/2019 1:47:25 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG041868.D
 Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.5	8.0	12.0#





#71

Phenanthrene

Concen: 4.787 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041868.D

Acq: 1 Aug 2019 18:09

Instrument :

BNA_G

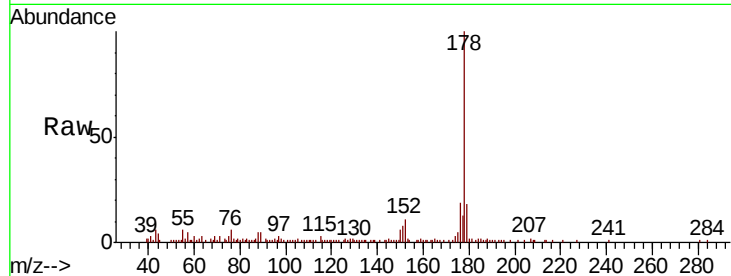
ClientSampleId :

OWL-C4-GW

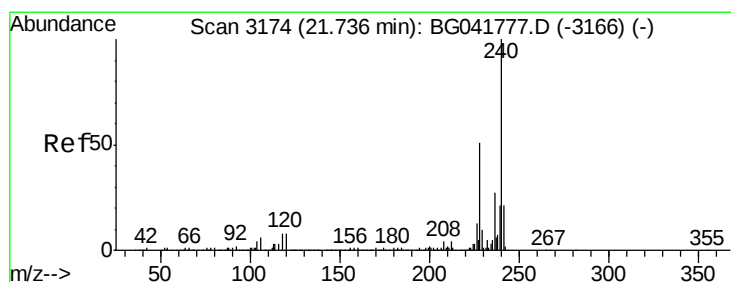
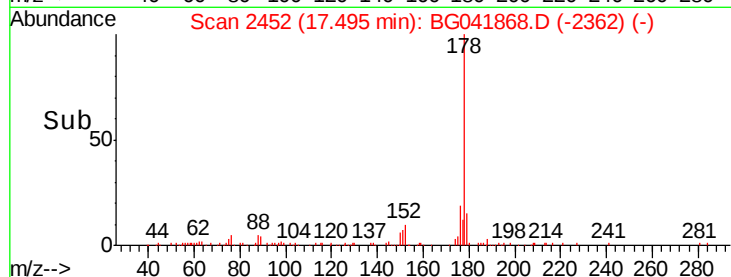
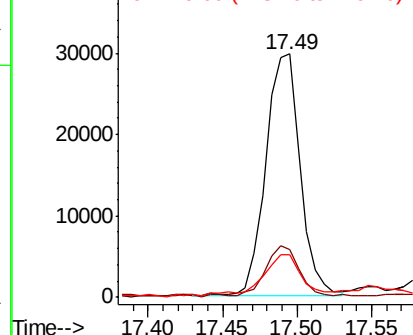
Tot Ion:	178	Resp:	47558
Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.6	28.0
179	17.5	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:25 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

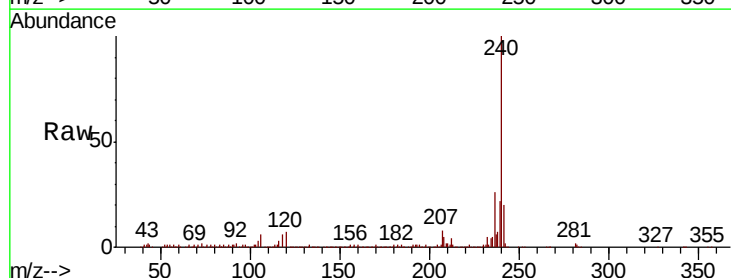
RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

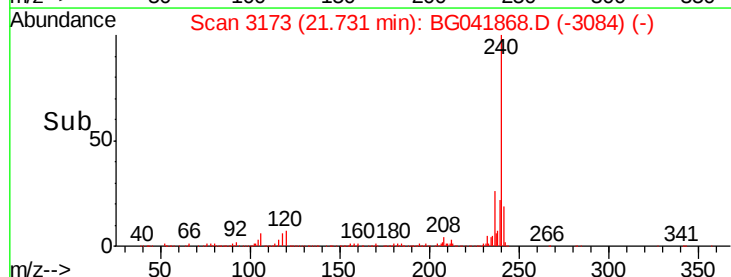
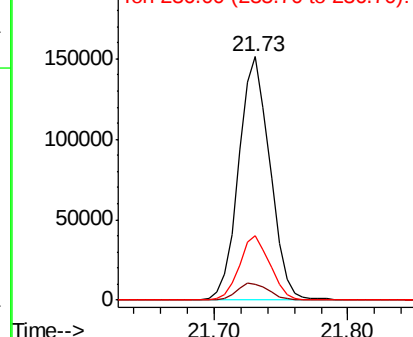
Lab File: BG041868.D

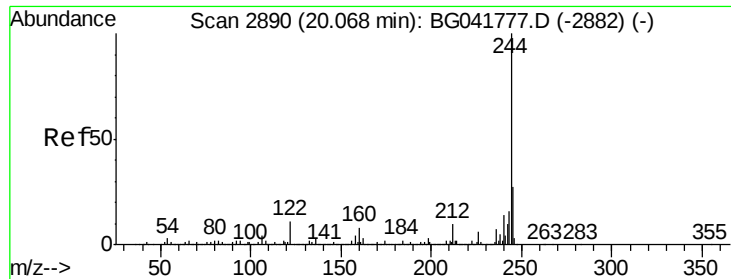
Acq: 1 Aug 2019 18:09

Tgt Ion:	240	Resp:	245871
Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.0	12.0#
236	26.3	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





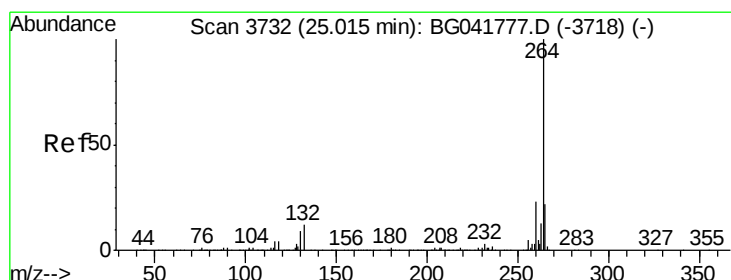
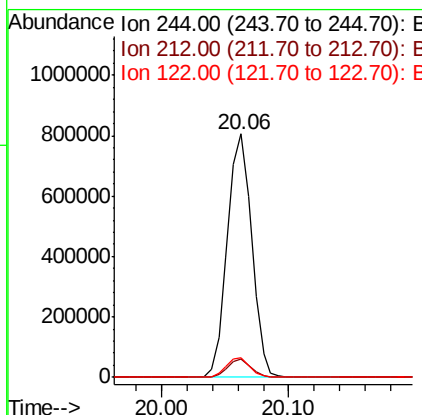
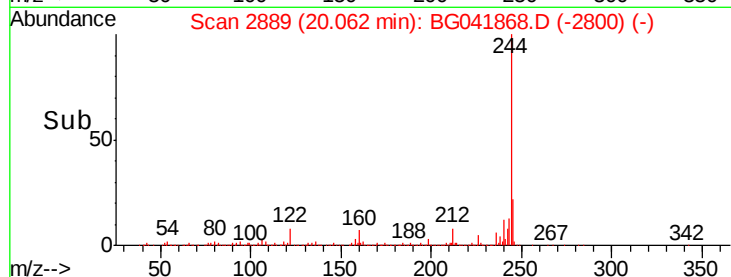
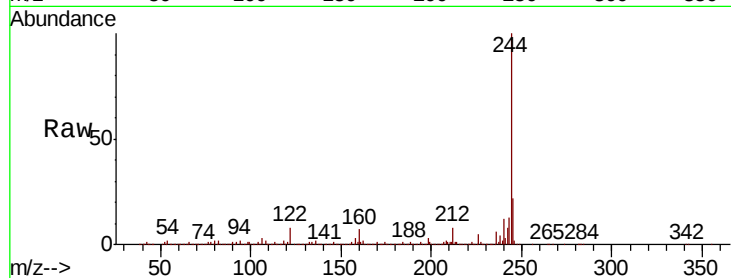
#79
 Terphenyl-d14
 Concen: 99.903 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041868.D
 Acq: 1 Aug 2019 18:09

Instrument :
 BNA_G
 ClientSampled :
 OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	9.7	14.5#
122	8.0	12.5	18.7#

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:47:25 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041868.D
 Acq: 1 Aug 2019 18:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	21.5	18.0	27.0

