

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044222.D
 Acq On : 27 Jan 2020 19:28
 Operator : CG/JU
 Sample : L1245-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200067-AMENDED-COMP-5

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:12:44 PM

Quant Time: Jan 28 01:33:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	92280	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	410889	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	271578	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523782	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	459966	20.00	ng	-0.03
87) Perylene-d12	24.66	264	520426	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	326245	64.91	ng	-0.03
7) Phenol-d6	7.10	99	261372	37.21	ng	-0.02
23) Nitrobenzene-d5	9.09	82	677643	88.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	412660	145.20	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1526967	101.87	ng	-0.03
79) Terphenyl-d14	19.93	244	1897952	105.85	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	19909	2.751	ng	Qvalue 97
32) Benzoic acid	10.07	122	2660m	6.786	ng	
50) Dimethylphthalate	14.02	163	72967	3.784	ng	# 94

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

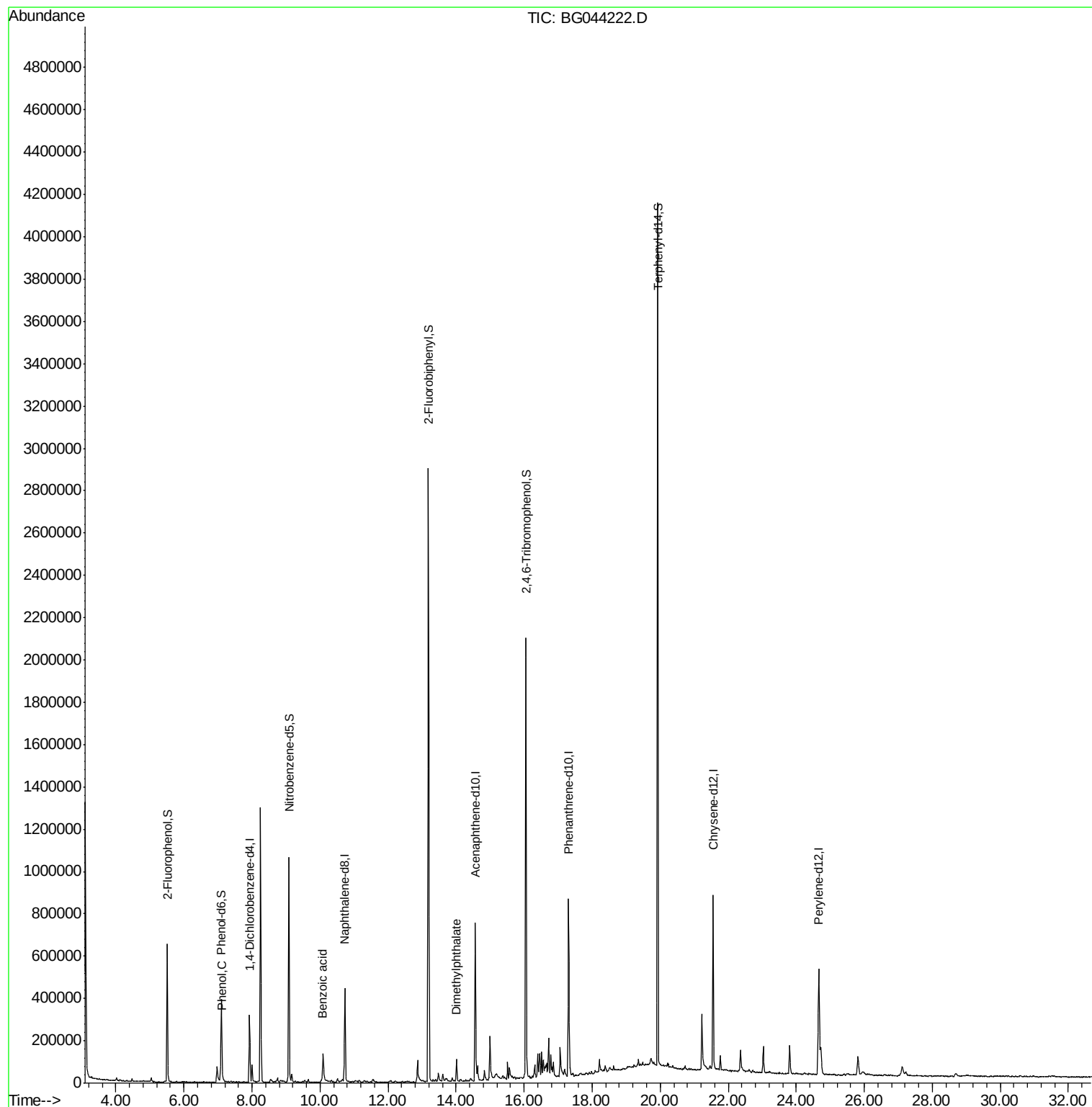
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044222.D
Acq On : 27 Jan 2020 19:28
Operator : CG/JU
Sample : L1245-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

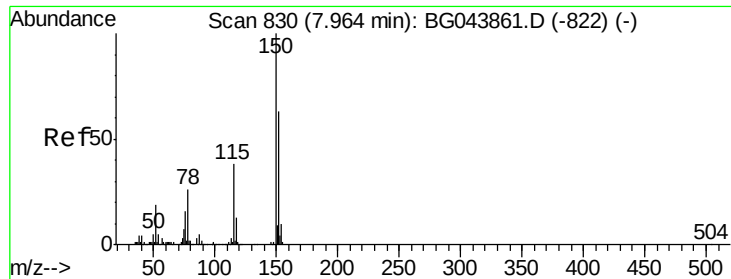
Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:44 PM

Quant Time: Jan 28 01:33:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration





#1

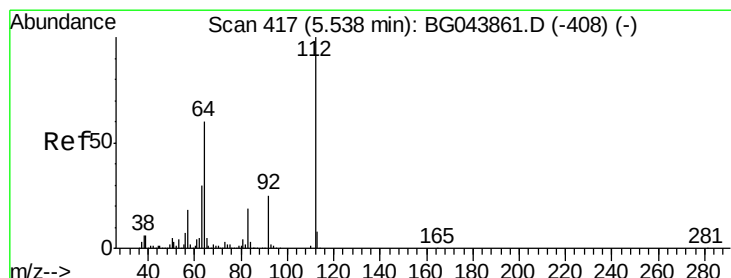
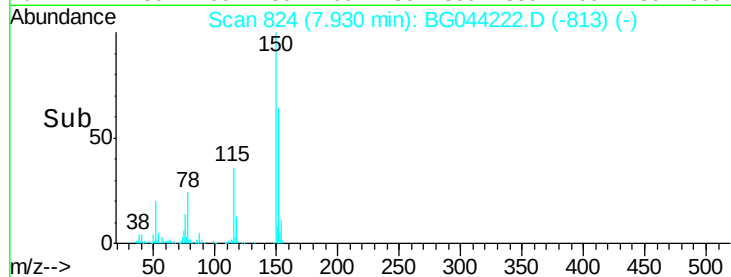
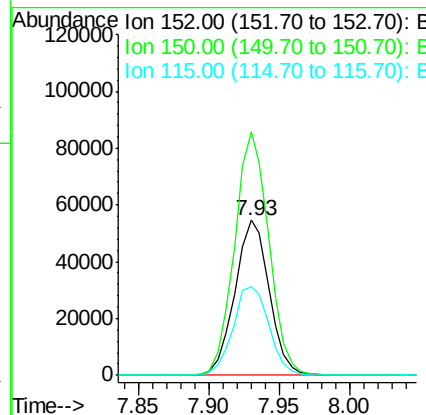
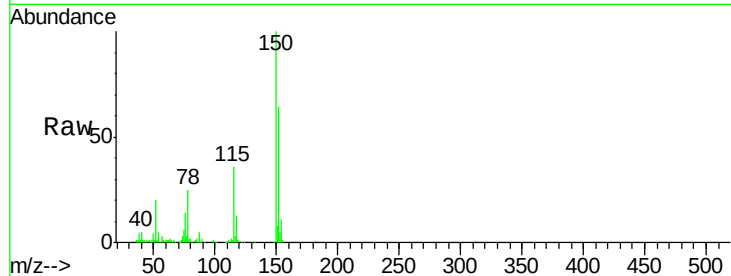
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	57.2	47.8	71.8

Manual Integrations
APPROVED

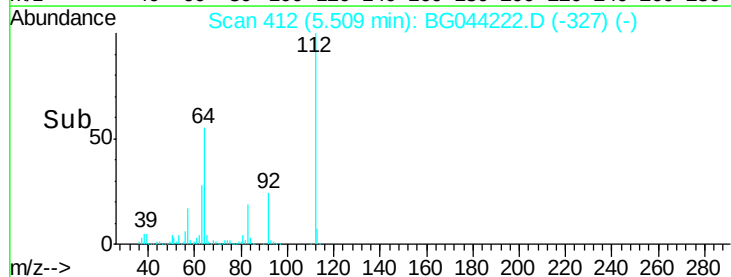
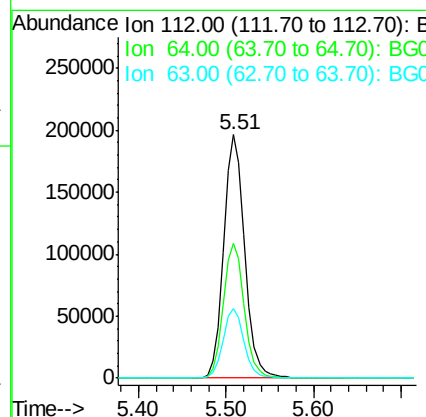
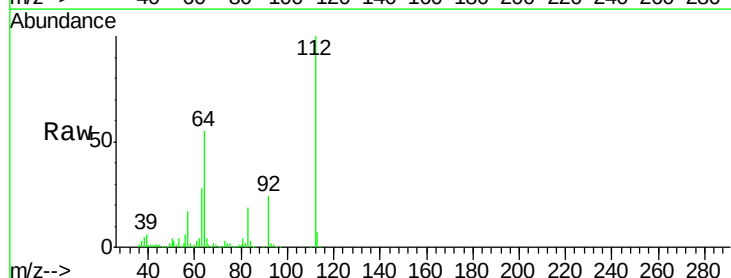
mohammad
1/28/2020 1:12:44 PM

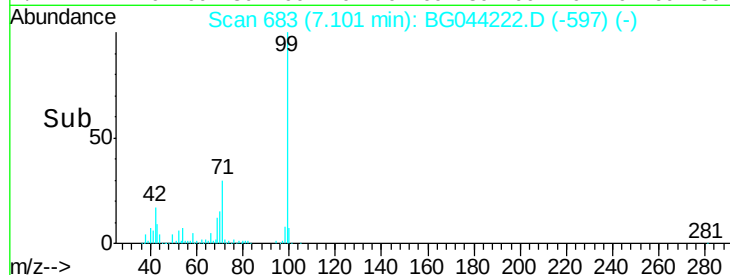
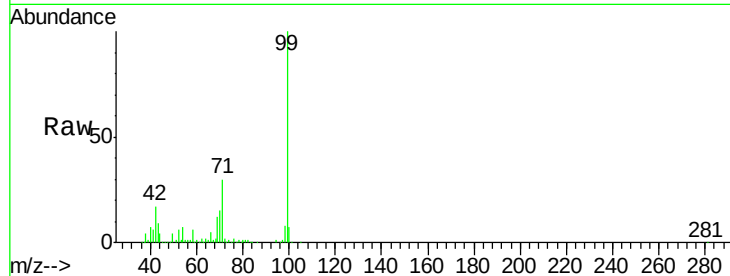
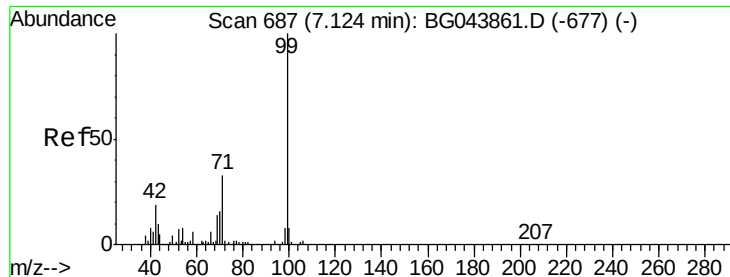


#5

2-Fluorophenol
Concen: 64.914 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.8	71.6
63	28.4	24.3	36.5





#7

Phenol-d6

Concen: 37.205 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

Tot Ion:	99	Resp:	261372
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.9	22.3
71	30.4	26.4	39.6

Instrument :

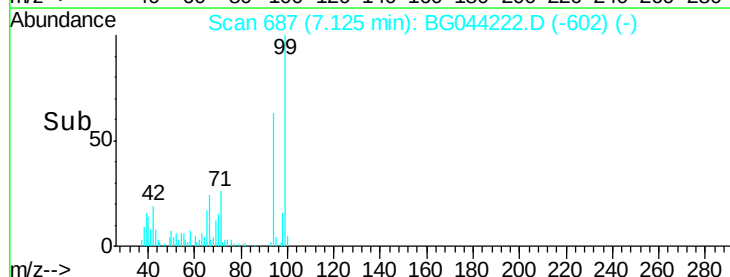
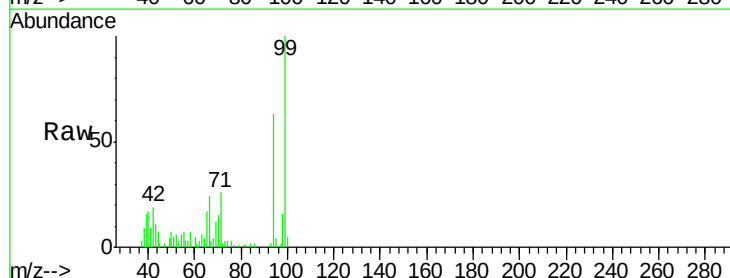
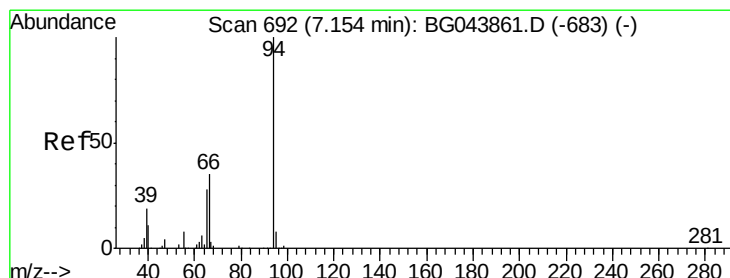
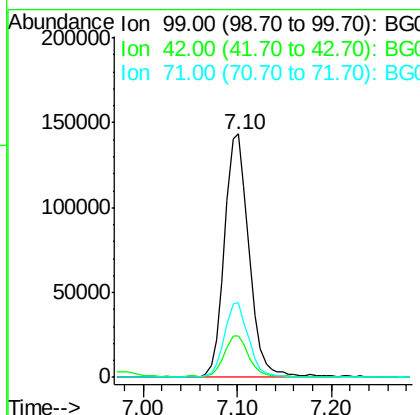
BNA_G

ClientSampleId :

20200067-AMENDED-COMP-5

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:44 PM



#10

Phenol

Concen: 2.751 ng

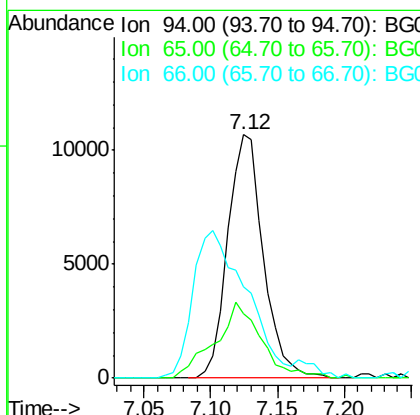
RT: 7.12 min Scan# 687

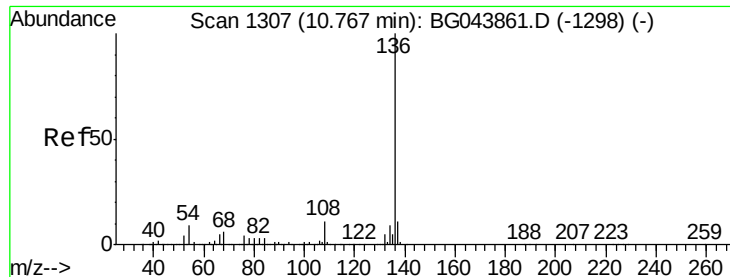
Delta R.T. -0.03 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

Tgt Ion:	94	Resp:	19909
Ion Ratio	Lower	Upper	
94	100		
65	26.6	8.1	48.1
66	37.6	15.6	55.6





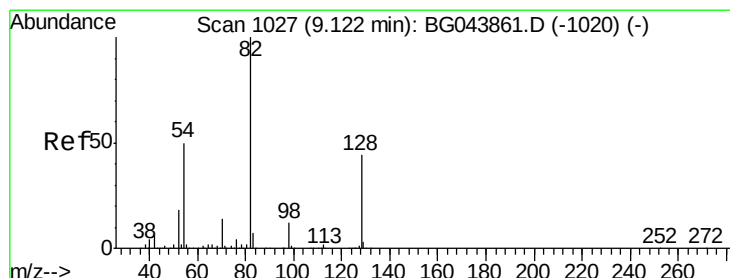
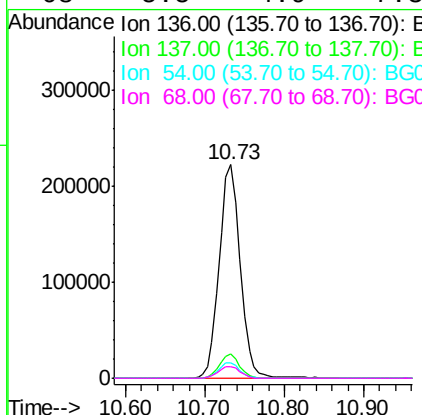
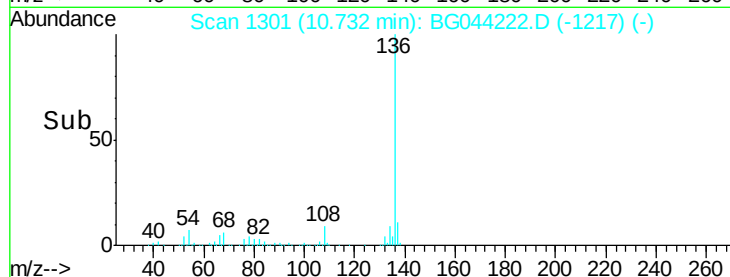
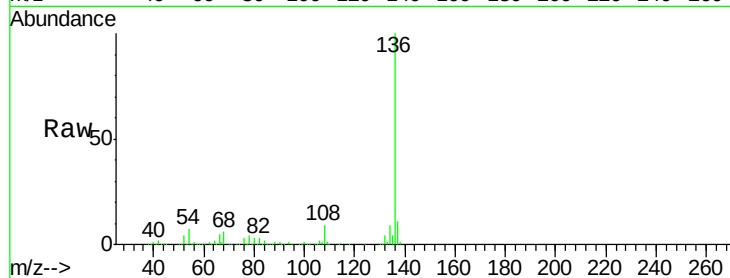
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		410889		
137	11.2	8.8	13.2		
54	7.2	7.0	10.4		
68	5.5	4.9	7.3		

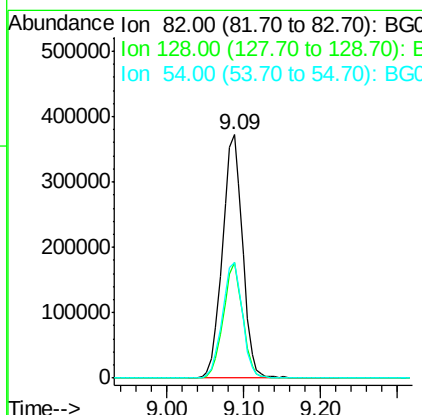
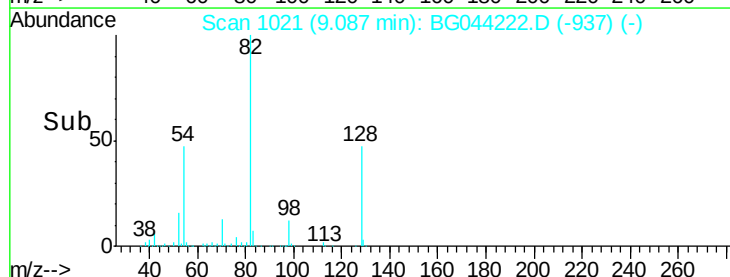
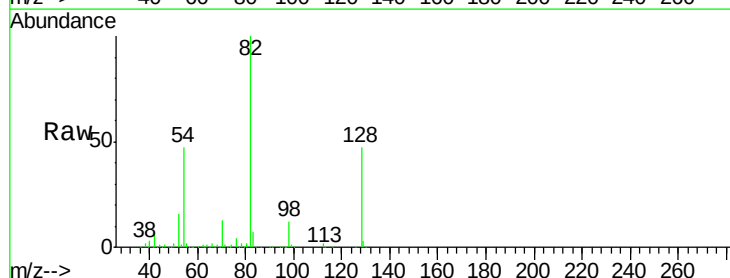
Manual Integrations
APPROVED

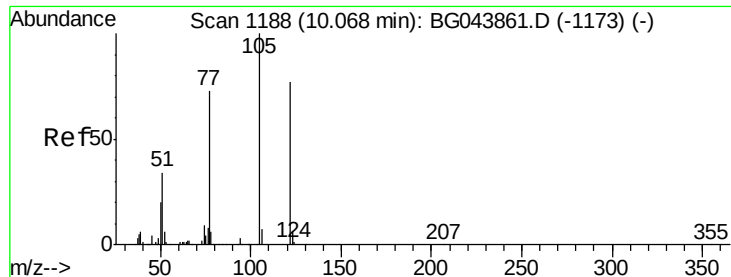
mohammad
1/28/2020 1:12:44 PM



#23
Nitrobenzene-d5
Concen: 88.226 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		677643		
128	47.3	35.1	52.7		
54	47.3	40.1	60.1		





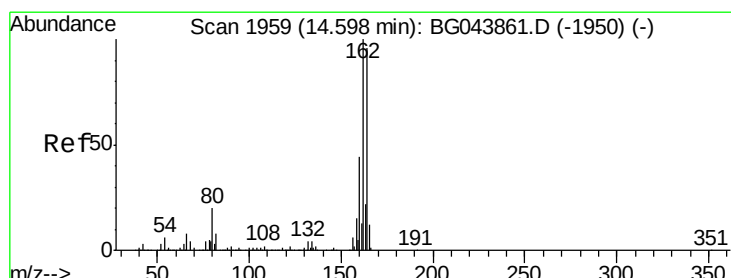
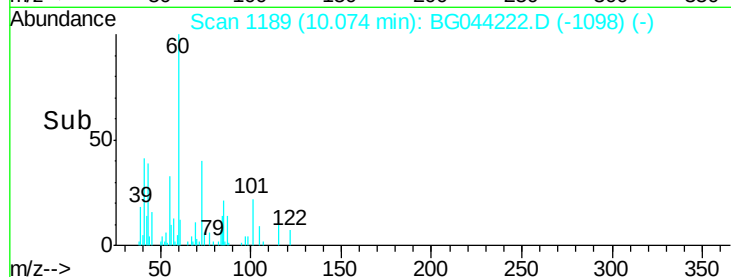
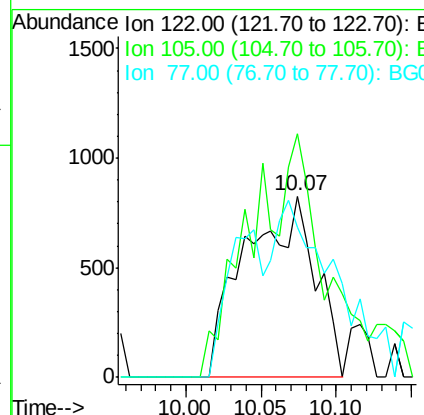
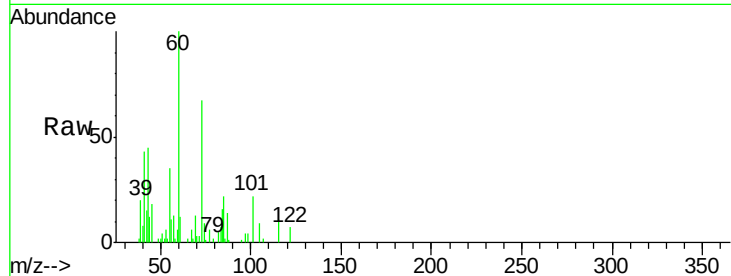
#32
Benzoic acid
Concen: 6.786 ng/ml
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ratio	Lower	Upper
122	100		
105	134.3	106.4	146.4
77	83.0	74.6	114.6

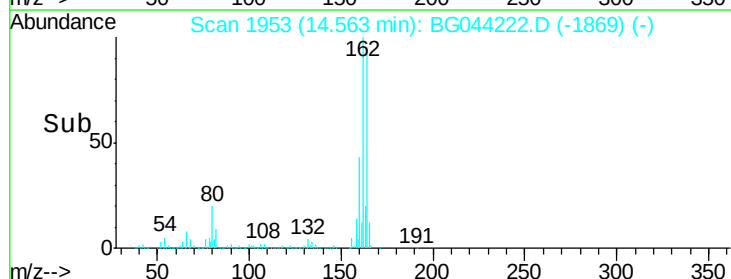
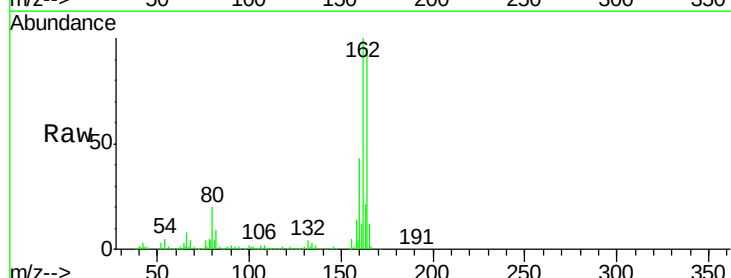
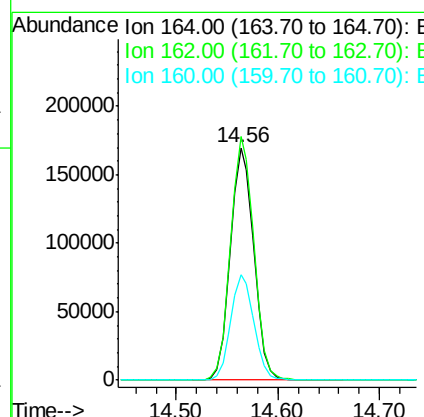
Manual Integrations
APPROVED

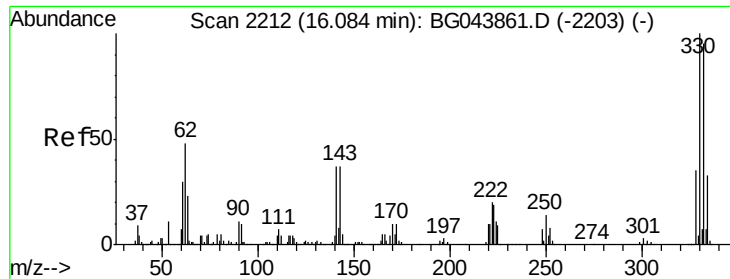
mohammad
1/28/2020 1:12:44 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	45.5	36.1	54.1





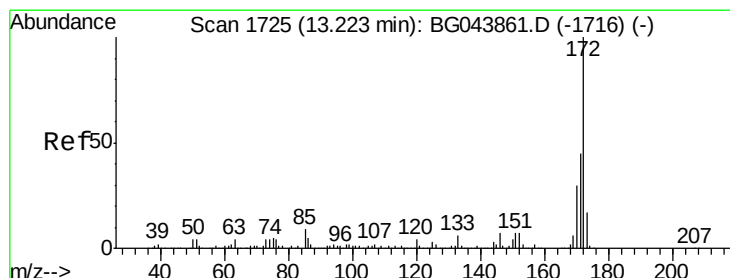
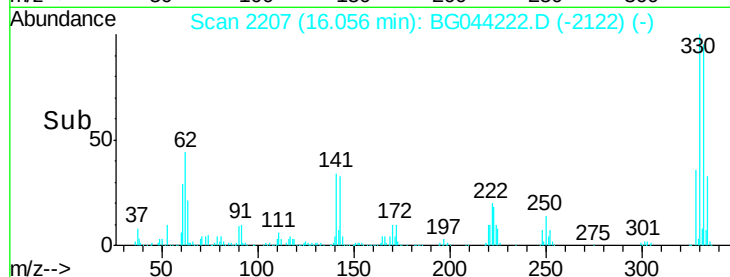
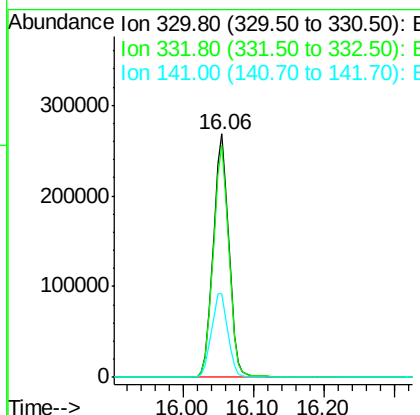
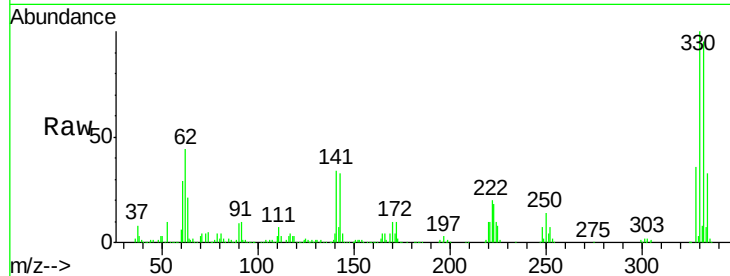
#42
 2,4,6-Tribromophenol
 Concen: 145.200 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044222.D
 Acq: 27 Jan 2020 19:28

Instrument :
 BNA_G
 ClientSampleId :
 20200067-AMENDED-COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	412660		
332	95.6	77.2	115.8	
141	36.4	33.1	49.7	

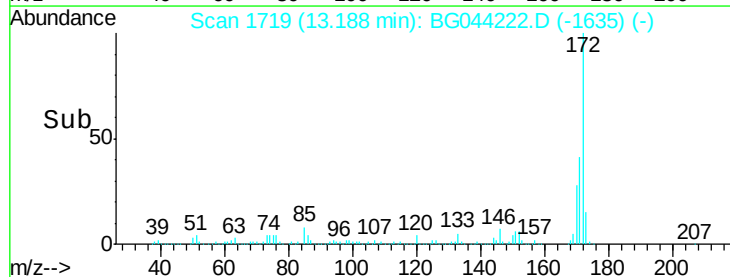
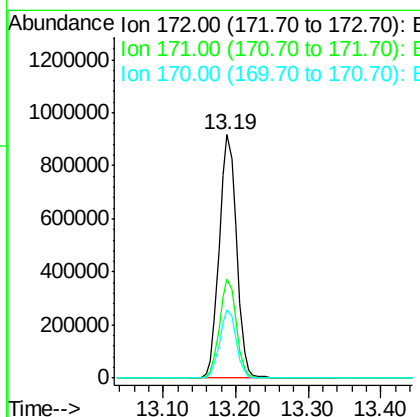
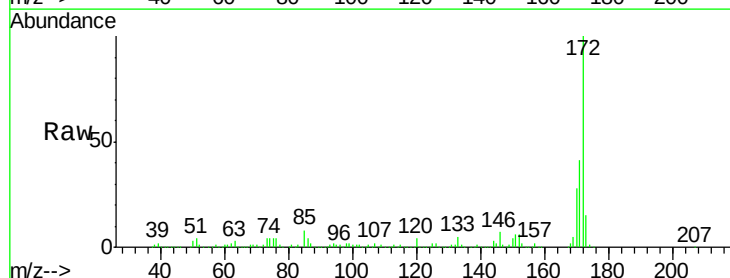
Manual Integrations
 APPROVED

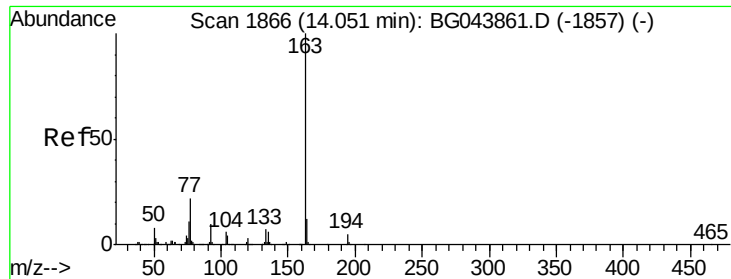
mohammad
 1/28/2020 1:12:44 PM



#45
 2-Fluorobiphenyl
 Concen: 101.868 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044222.D
 Acq: 27 Jan 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1526967		
171	40.6	35.8	53.8	
170	27.9	24.2	36.4	





#50

Dimethylphthalate

Concen: 3.784 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

Instrument :

BNA_G

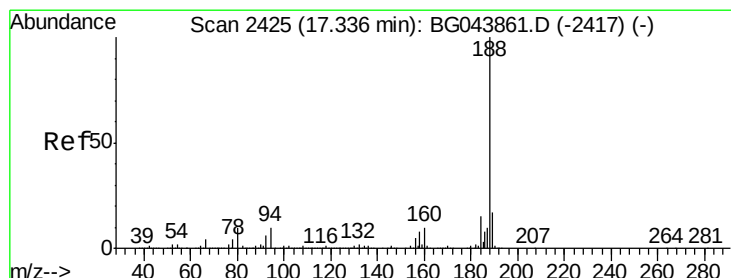
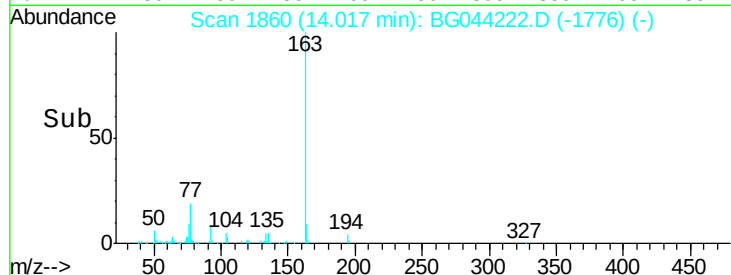
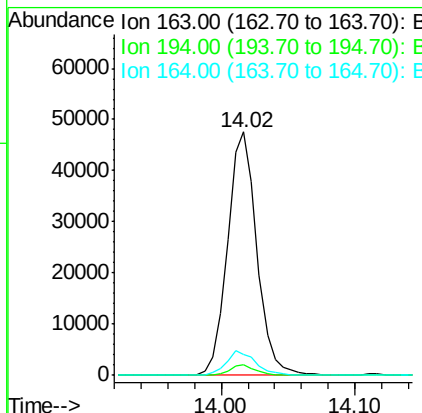
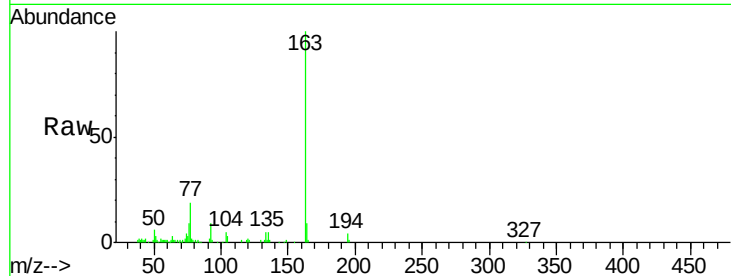
ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion:	163	Resp:	72967
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	8.7	9.3	13.9#

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:44 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

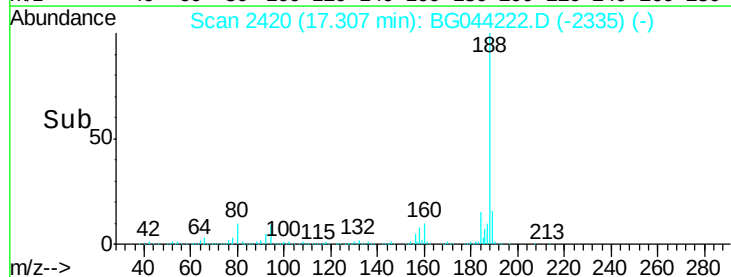
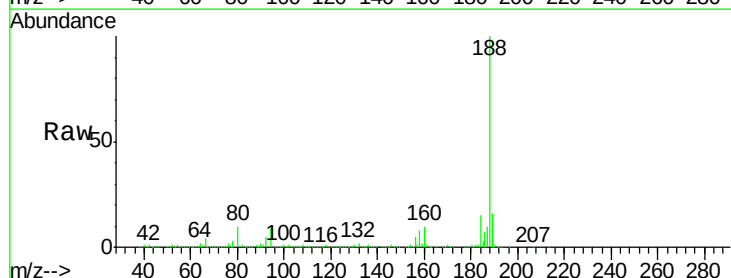
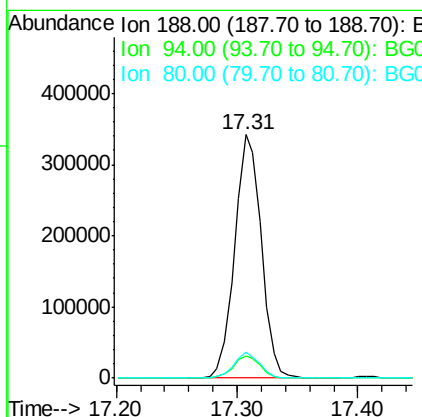
RT: 17.31 min Scan# 2420

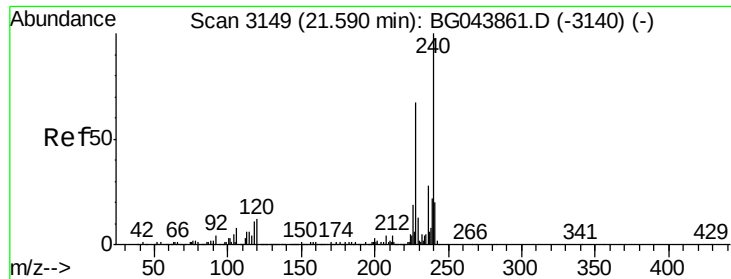
Delta R.T. -0.03 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

Tgt Ion:	188	Resp:	523782
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.9	11.9
80	10.5	8.2	12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

Instrument :

BNA_G

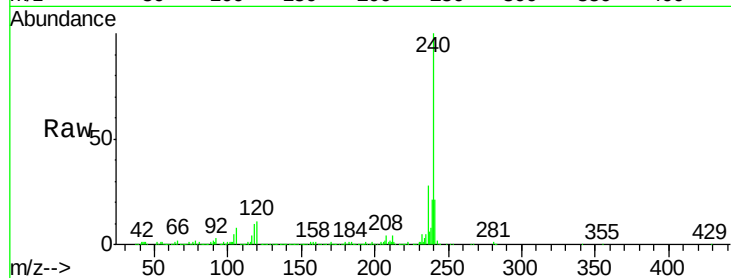
ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion:	240	Resp:	459966
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.6	14.4
236	27.8	22.2	33.2

Manual Integrations
APPROVED

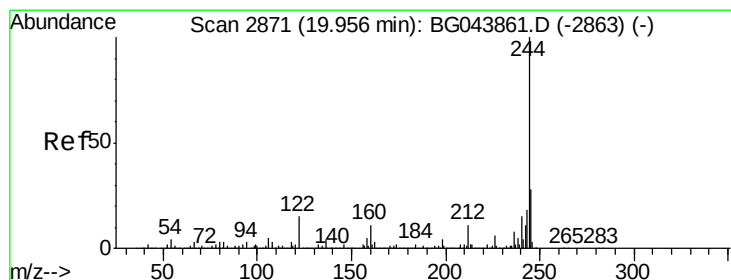
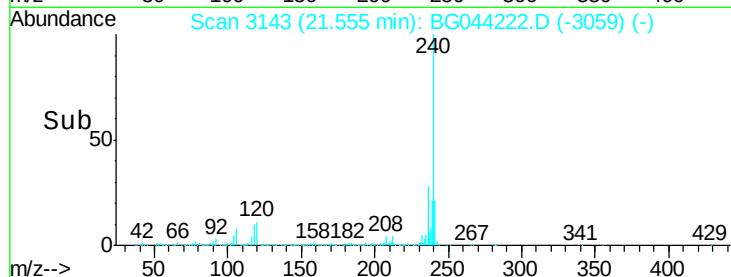
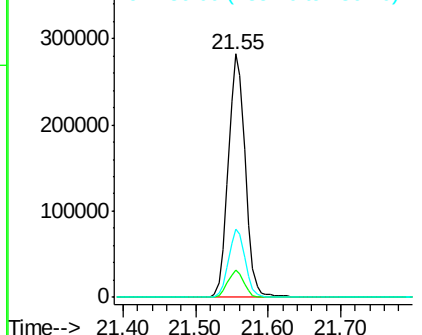
mohammad
1/28/2020 1:12:44 PM



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: 105.846 ng

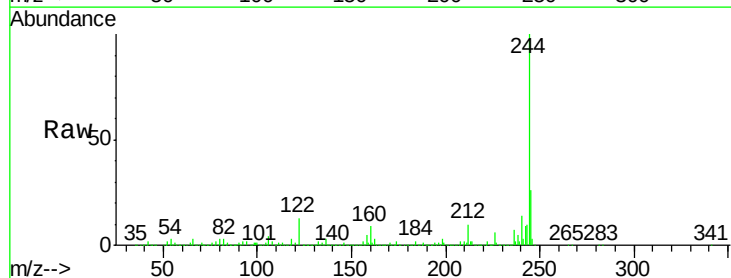
RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044222.D

Acq: 27 Jan 2020 19:28

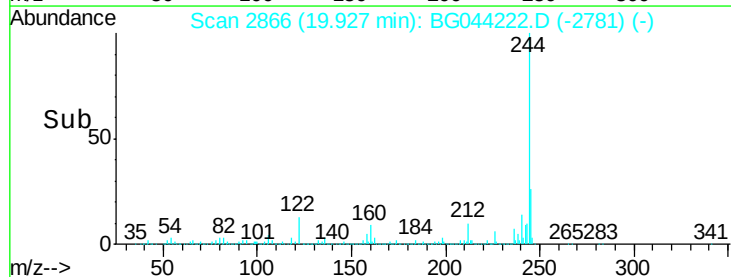
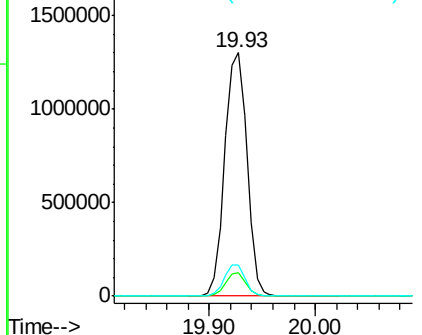
Tgt Ion:	244	Resp:	1897952
Ion Ratio	Lower	Upper	
244	100		
212	9.6	8.6	13.0
122	12.7	11.9	17.9

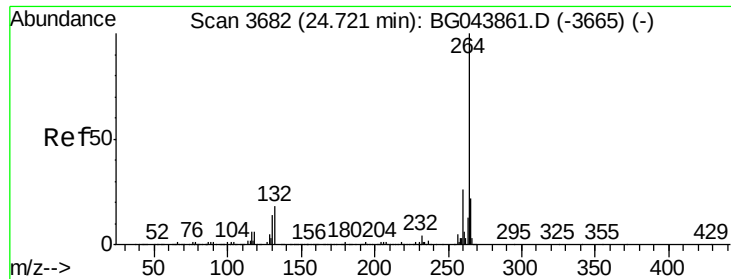


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044222.D
Acq: 27 Jan 2020 19:28

Instrument :
BNA_G
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.5	17.4	26.2

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:44 PM

