

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038324.D
 Acq On : 4 Dec 2018 11:24
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

mohammad

Quant Time: Dec 04 16:09:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 13:58:38 2018
 Response via : Initial Calibration

12/6/2018 10:32:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37447	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	153833	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	99229	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	252487	20.00	ng	0.00
76) Chrysene-d12	21.74	240	225371	20.00	ng	0.00
87) Perylene-d12	25.04	264	224234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	10236	4.72	ng	0.00
7) Phenol-d6	7.22	99	16980	5.48	ng	0.00
23) Nitrobenzene-d5	9.25	82	18324	6.38	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	5046	4.46	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	34417	5.05	ng	0.00
79) Terphenyl-d14	20.06	244	58193	6.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	2732	2.667	ng	89
3) Pyridine	3.93	79	6656	2.278	ng	# 82
4) n-Nitrosodimethylamine	3.85	42	2873m	2.710	ng	
6) Aniline	7.40	93	9875	2.471	ng	94
8) 2-Chlorophenol	7.64	128	6244	2.481	ng	94
10) Phenol	7.25	94	8553	2.608	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	6958	2.599	ng	99
12) 1,3-Dichlorobenzene	7.96	146	7032	2.426	ng	92
13) 1,4-Dichlorobenzene	8.11	146	7530m	2.571	ng	
15) Benzyl Alcohol	8.32	79	5309	2.370	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	15203	3.058	ng	96
18) Hexachloroethane	9.16	117	2600	2.439	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	5218	2.329	ng	# 85
22) Acetophenone	8.90	105	9915	2.590	ng	# 89
24) Nitrobenzene	9.29	77	9807	3.336	ng	96
25) Isophorone	9.80	82	12199	2.358	ng	97
26) 2-Nitrophenol	10.01	139	3015	2.054	ng	# 78
27) 2,4-Dimethylphenol	10.04	122	4454	2.014	ng	95
28) bis(2-Chloroethoxy)methane	10.29	93	7572	2.289	ng	95
29) 2,4-Dichlorophenol	10.54	162	5137	2.065	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	6791	2.437	ng	96
31) Naphthalene	10.94	128	18798	2.484	ng	95
33) 4-Chloroaniline	11.07	127	7023	1.995	ng	95
34) Hexachlorobutadiene	11.20	225	4222	2.461	ng	# 90
36) 4-Chloro-3-methylphenol	12.17	107	5755	2.118	ng	95
37) 2-Methylnaphthalene	12.55	142	12848	2.364	ng	96
38) 1-Methylnaphthalene	12.76	142	13258	2.534	ng	90
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	8228	2.481	ng	98
41) Hexachlorocyclopentadiene	12.86	237	3741	2.107	ng	82
43) 2,4,6-Trichlorophenol	13.15	196	4203	1.860	ng	94
44) 2,4,5-Trichlorophenol	13.22	196	4662	1.961	ng	90
46) 1,1'-Biphenyl	13.54	154	20936	2.511	ng	93
47) 2-Chloronaphthalene	13.59	162	15498	2.436	ng	96
48) 2-Nitroaniline	13.81	65	4610	2.303	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038324.D
 Acq On : 4 Dec 2018 11:24
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

mohammad

Quant Time: Dec 04 16:09:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 13:58:38 2018
 Response via : Initial Calibration

12/6/2018 10:32:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	14.43	152	23617	2.469	nq	95
50) Dimethylphthalate	14.15	163	18773	2.386	nq	# 95
51) 2,6-Dinitrotoluene	14.29	165	4323	2.428	nq	96
52) Acenaphthene	14.77	154	15037	2.611	nq	92
53) 3-Nitroaniline	14.63	138	4273	2.175	nq	# 93
55) Dibenzofuran	15.10	168	24916	2.616	nq	97
57) 2,4-Dinitrotoluene	15.07	165	5312	2.193	nq	# 95
58) Fluorene	15.76	166	17152	2.414	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.33	232	4308	2.166	nq	# 97
61) 4-Chlorophenyl-phenylether	15.74	204	10282	2.473	nq	98
62) 4-Nitroaniline	15.79	138	3704	1.898	nq	96
63) Azobenzene	16.03	77	18535	2.481	nq	95
66) n-Nitrosodiphenylamine	15.96	169	16325	2.137	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	6151	2.220	nq	90
68) Hexachlorobenzene	16.75	284	6772	2.367	nq	92
69) Atrazine	16.90	200	6174	2.193	nq	91
71) Phenanthrene	17.49	178	31901	2.468	nq	97
72) Anthracene	17.59	178	30302	2.378	nq	97
73) Carbazole	17.86	167	30456	2.382	nq	96
74) Di-n-butylphthalate	18.39	149	33920	2.364	nq	99
75) Fluoranthene	19.50	202	37070	2.513	nq	97
77) Benzidine	19.70	184	19573	2.475	nq	# 96
78) Pyrene	19.87	202	48231	3.273	nq	97
80) Butylbenzylphthalate	20.74	149	14759	2.290	nq	89
81) Benzo(a)anthracene	21.72	228	34266	2.516	nq	94
82) 3,3'-Dichlorobenzidine	21.63	252	11846	2.233	nq	# 87
83) Chrysene	21.78	228	31840	2.443	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	20878	2.272	nq	94
85) Di-n-octyl phthalate	22.82	149	32723	2.201	nq	# 94
86) Indeno(1,2,3-cd)pyrene	28.82	276	31150	2.152	nq	# 83
88) Benzo(b)fluoranthene	23.99	252	32575	2.640	nq	# 94
89) Benzo(k)fluoranthene	24.05	252	34598	2.841	nq	# 92
90) Benzo(a)pyrene	24.89	252	29562	2.507	nq	99
91) Dibenzo(a,h)anthracene	28.89	278	26912	2.372	nq	# 90
92) Benzo(a,h,i)perylene	30.03	276	26060	2.310	nq	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038324.D
Acq On : 4 Dec 2018 11:24
Operator : JU/SJ
Sample : SSTDIC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

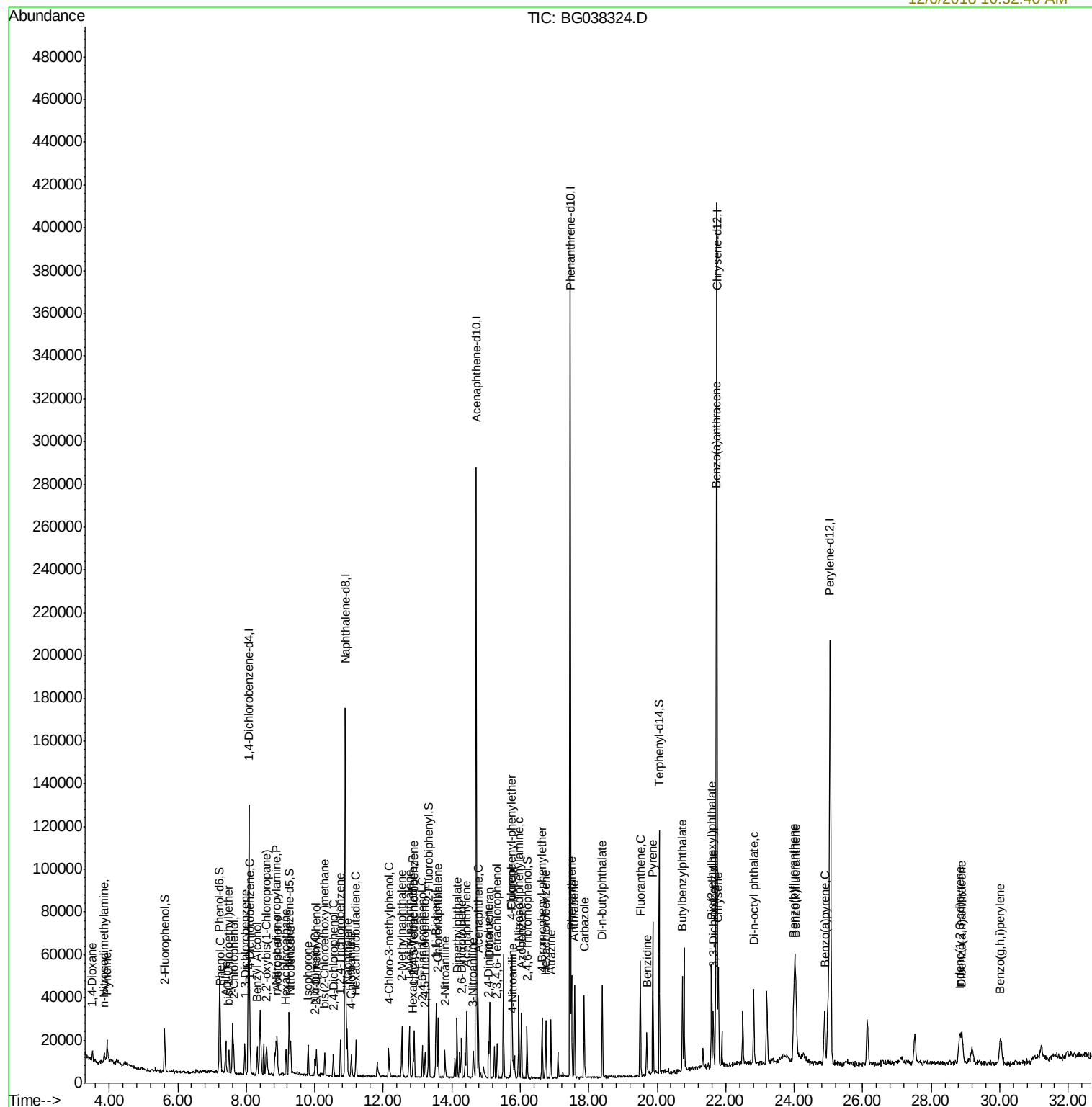
Instrument :
BNA_G
ClientSampleId :
SSTDIC2.5

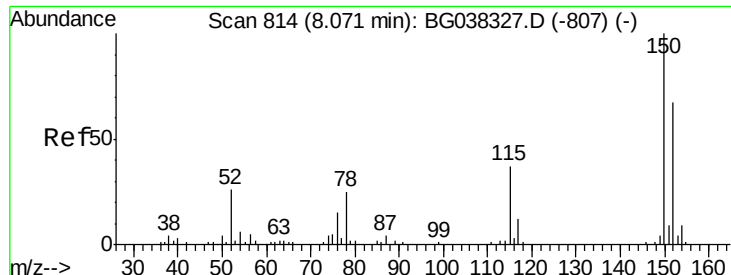
Manual Integrations
APPROVED

mohammad

Quant Time: Dec 04 16:09:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 13:58:38 2018
Response via : Initial Calibration

12/6/2018 10:32:40 AM





#1

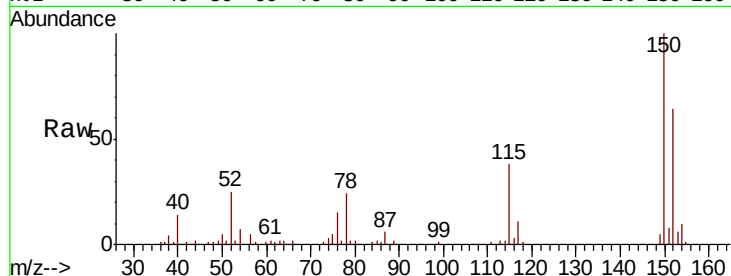
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.0	189.0
115	59.6	45.5	68.3

Manual Integrations
APPROVED

mohammad

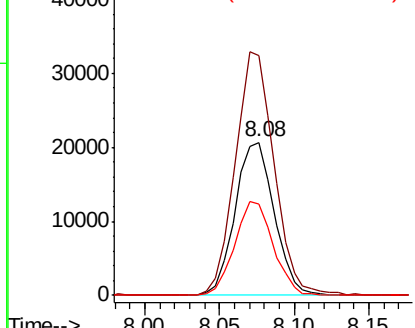


Abundance

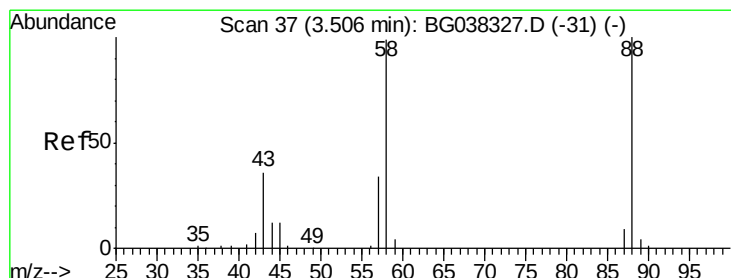
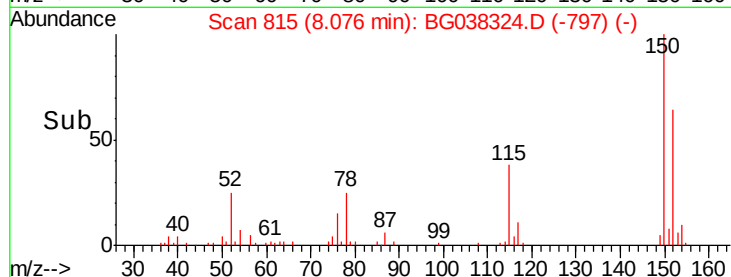
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



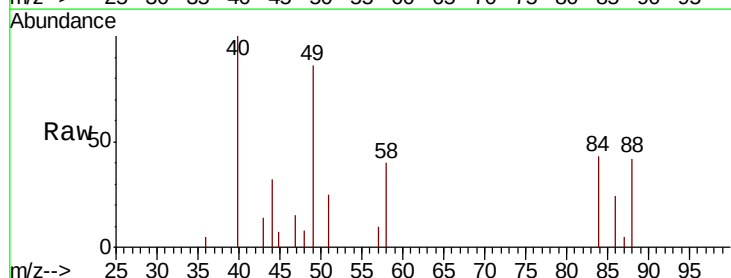
12/6/2018 10:32:40 AM



#2

1,4-Dioxane
Concen: 2.667 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	74.4	111.6
43	28.1	25.8	38.8

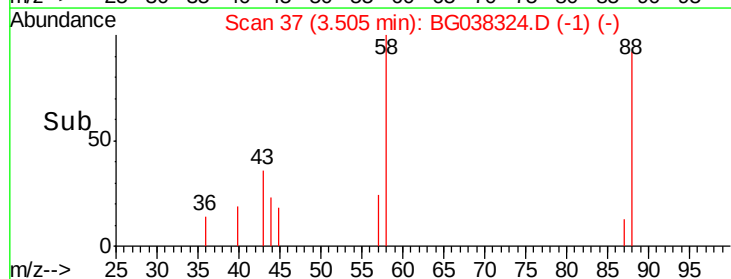
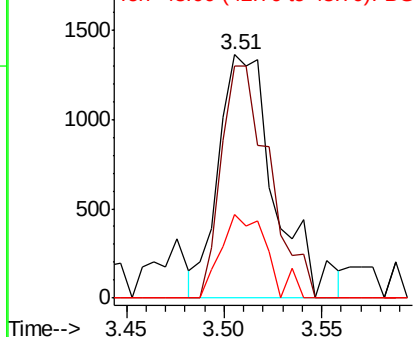


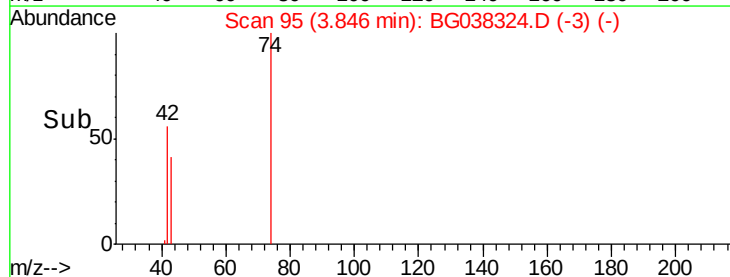
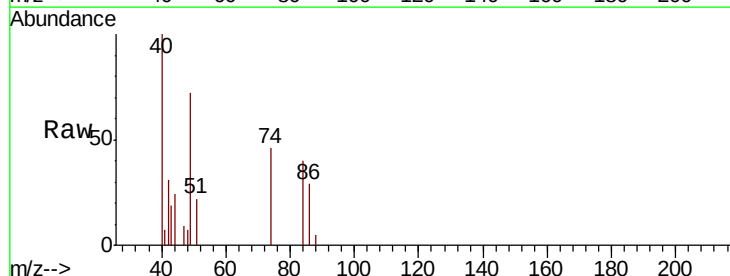
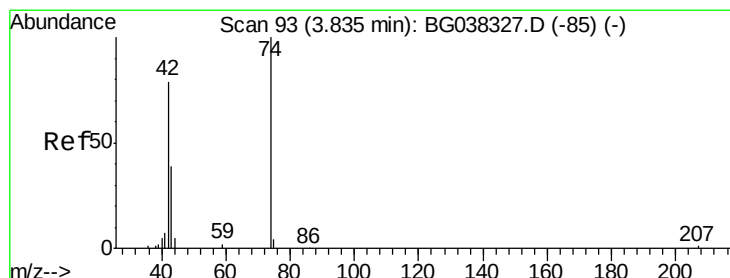
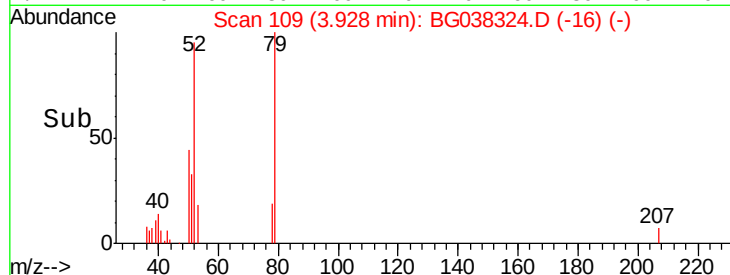
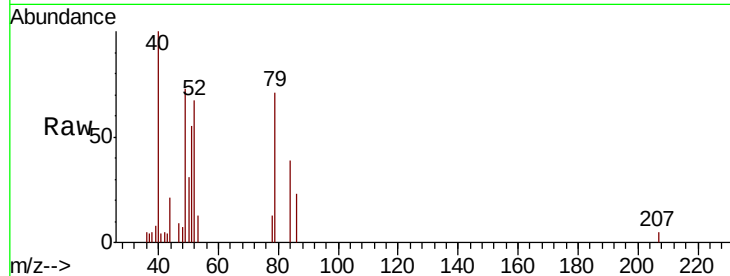
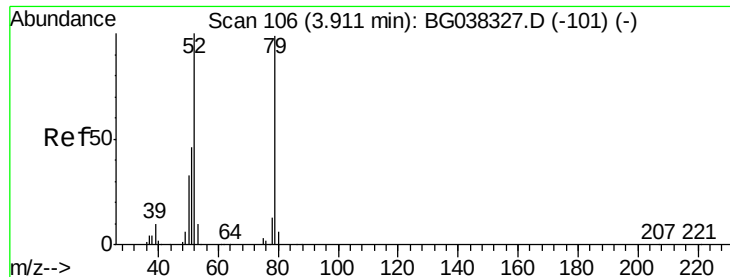
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 2.278 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.02 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tot Ion:	79	Resp:	6656
Ion	Ratio	Lower	Upper
79	100		
52	94.5	74.2	111.2
51	76.9	34.6	51.8#

Instrument :

BNA_G

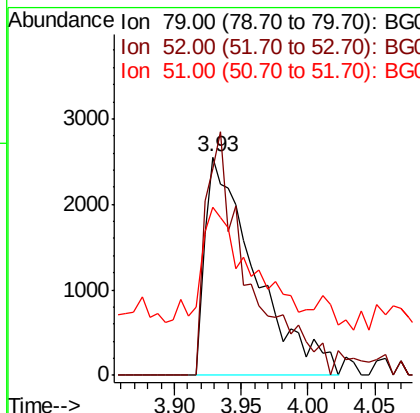
ClientSampleId :

SSTDICC2.5

Manual Integrations
APPROVED

mohammad

12/6/2018 10:32:40 AM



#4

n-Nitrosodimethylamine

Concen: 2.710 ng m

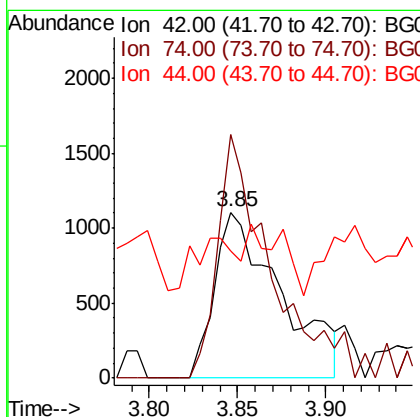
RT: 3.85 min Scan# 95

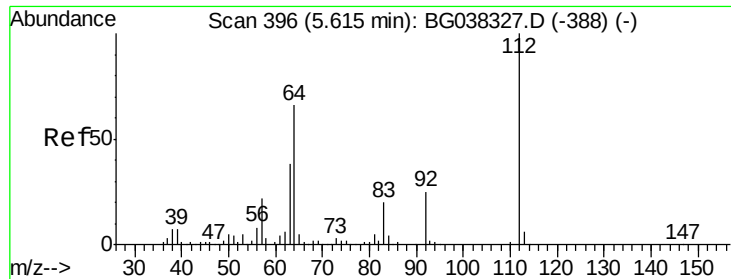
Delta R.T. 0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	42	Resp:	2873
Ion	Ratio	Lower	Upper
42	100		
74	146.6	102.0	153.0
44	76.7	9.6	14.4#





#5

2-Fluorophenol

Concen: 4.720 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

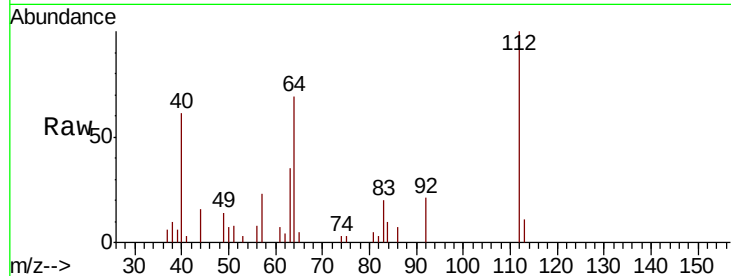
ClientSampleId :

SSTDICC2.5

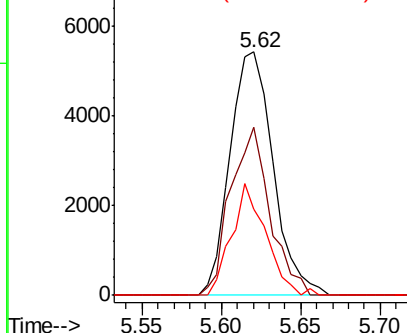
Tot Ion:	112	Resp:	10236
Ion Ratio	Lower	Upper	
112	100		
64	69.2	53.1	79.7
63	35.2	27.3	40.9

Manual Integrations
APPROVED

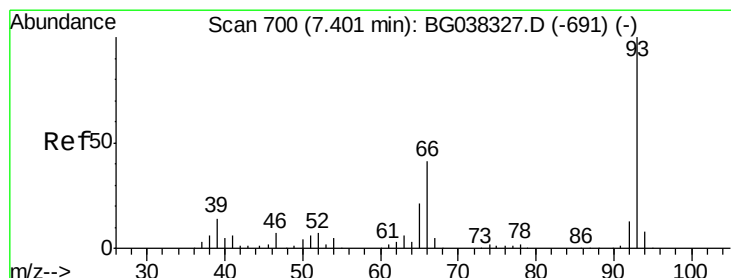
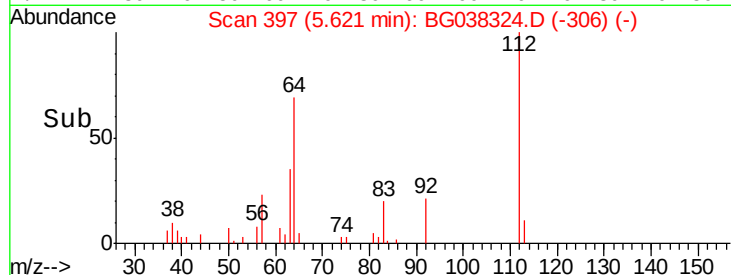
mohammad



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



12/6/2018 10:32:40 AM



#6

Aniline

Concen: 2.471 ng

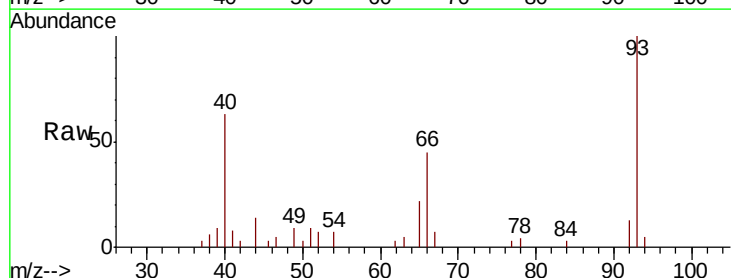
RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

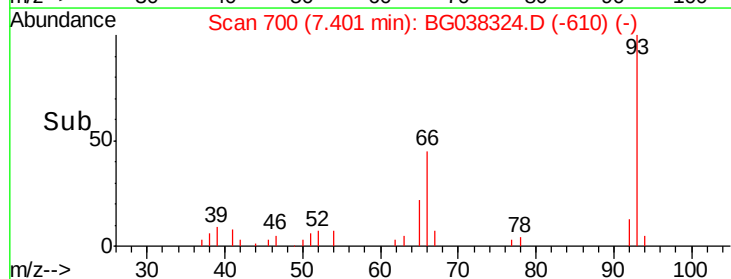
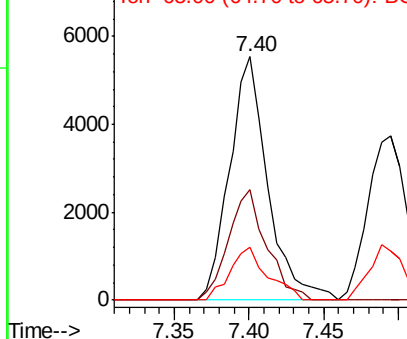
Lab File: BG038324.D

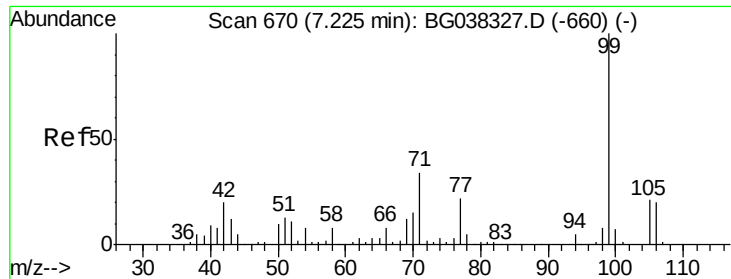
Acq: 4 Dec 2018 11:24

Tgt Ion:	93	Resp:	9875
Ion Ratio	Lower	Upper	
93	100		
66	45.4	32.8	49.2
65	21.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 5.485 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

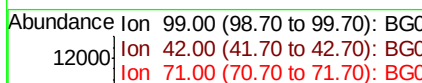
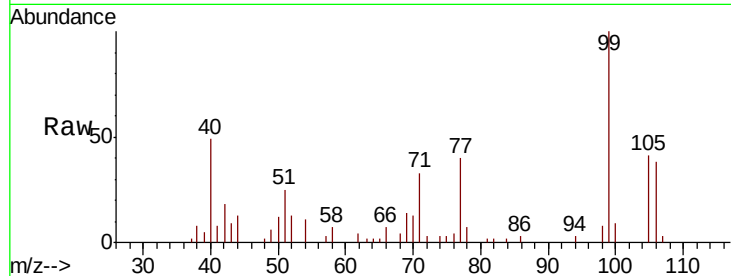
ClientSampleId :

SSTDICC2.5

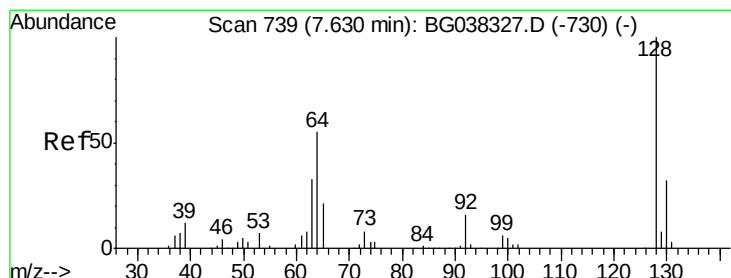
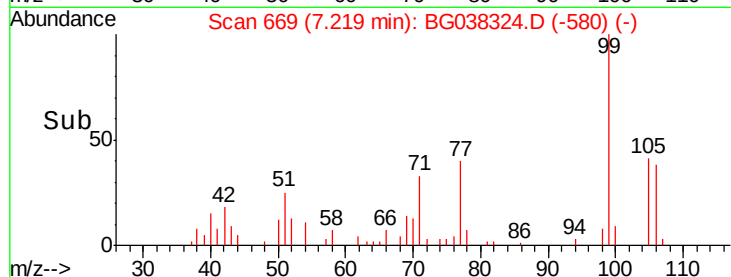
Tot Ion:	99	Resp:	16980
Ion Ratio	Lower	Upper	
99	100		
42	17.6	15.0	22.4
71	33.0	25.5	38.3

Manual Integrations
APPROVED

mohammad



12/6/2018 10:32:40 AM



#8

2-Chlorophenol

Concen: 2.481 ng

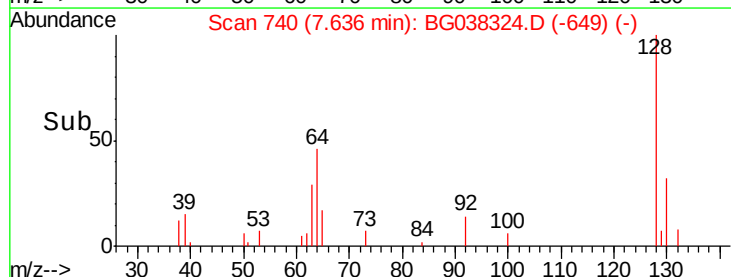
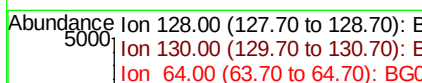
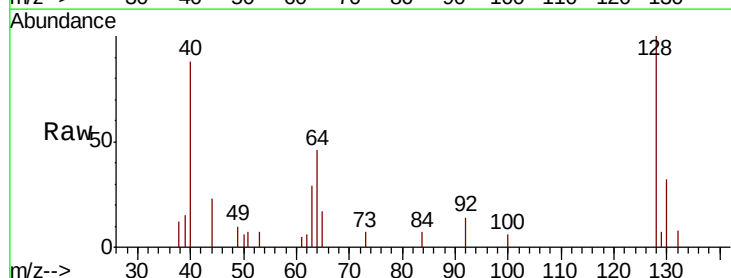
RT: 7.64 min Scan# 740

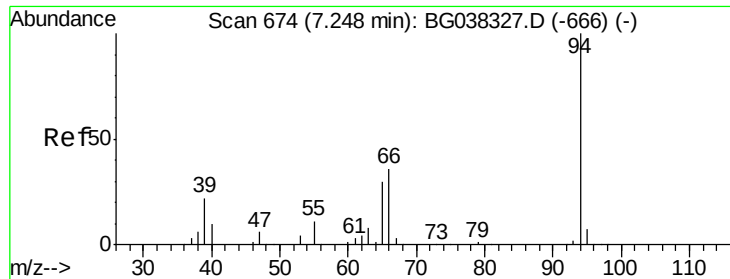
Delta R.T. 0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	128	Resp:	6244
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	46.5	32.9	72.9





#10

Phenol

Concen: 2.608 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

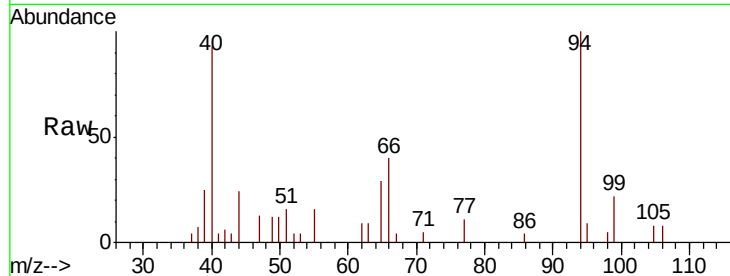
ClientSampled :

SSTDICC2.5

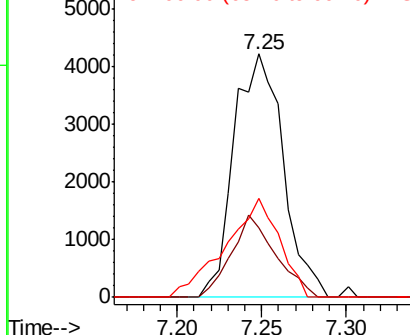
Tot Ion:	94	Resp:	8553
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	40.4	15.9	55.9

Manual Integrations
APPROVED

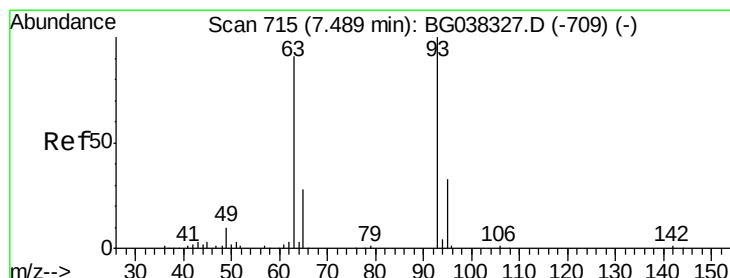
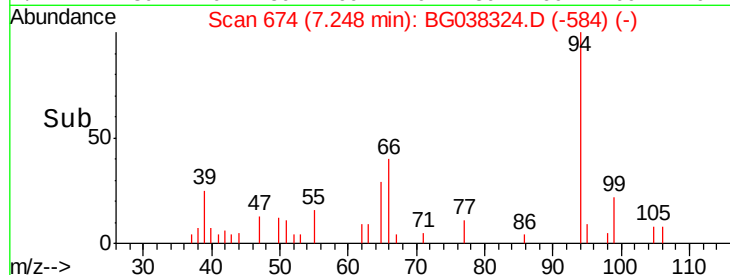
mohammad



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



12/6/2018 10:32:40 AM



#11

bis(2-Chloroethyl)ether

Concen: 2.599 ng

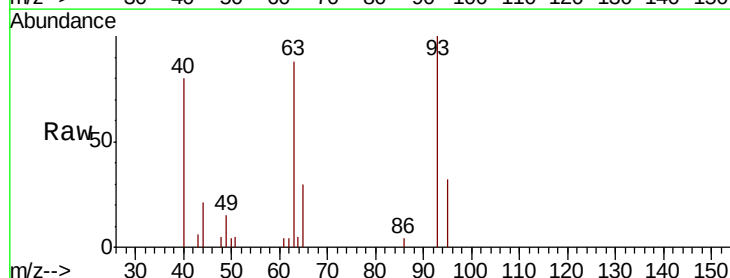
RT: 7.49 min Scan# 716

Delta R.T. 0.01 min

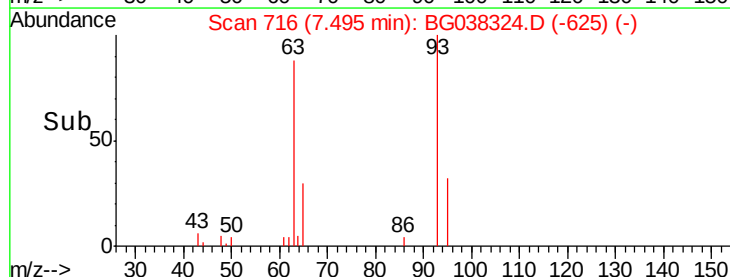
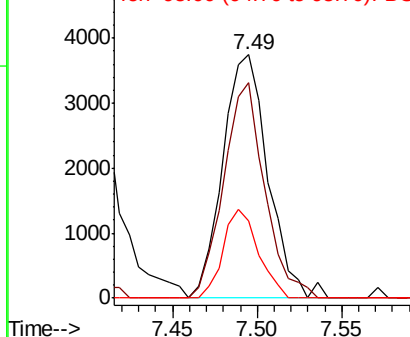
Lab File: BG038324.D

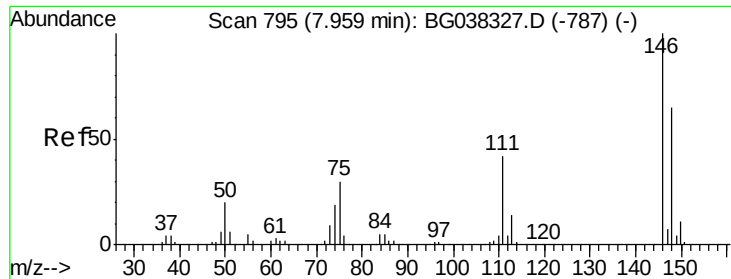
Acq: 4 Dec 2018 11:24

Tgt Ion:	93	Resp:	6958
Ion	Ratio	Lower	Upper
93	100		
63	88.4	69.5	109.5
95	32.0	12.6	52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





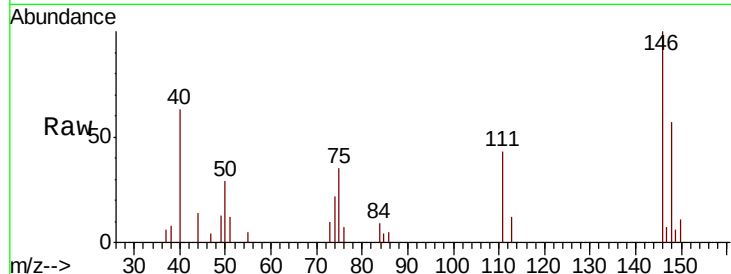
#12
 1,3-Dichlorobenzene
 Concen: 2.426 ng
 RT: 7.96 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	56.6	49.8	74.8
75	34.7	23.2	34.8

Manual Integrations
 APPROVED

mohammad

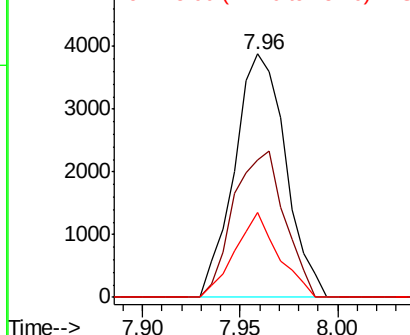


Abundance

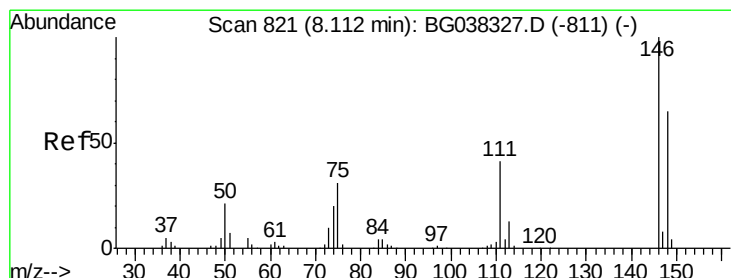
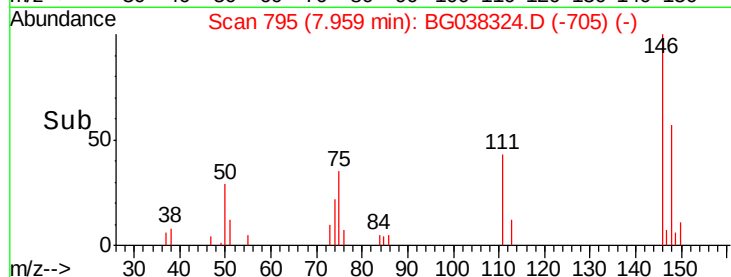
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

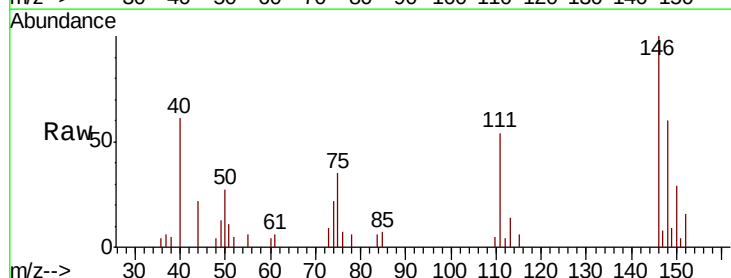


12/6/2018 10:32:40 AM



#13
 1,4-Dichlorobenzene
 Concen: 2.571 ng m
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.0	76.6
111	54.0	32.4	48.6#

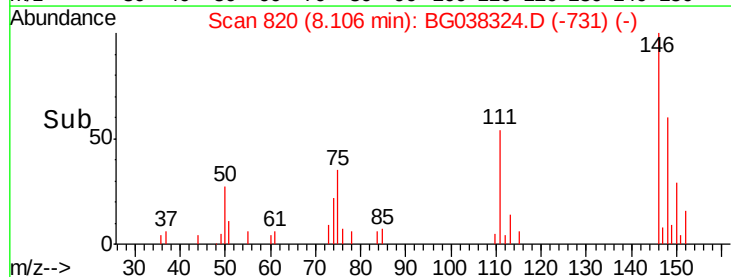
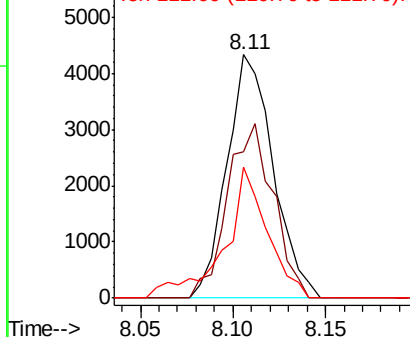


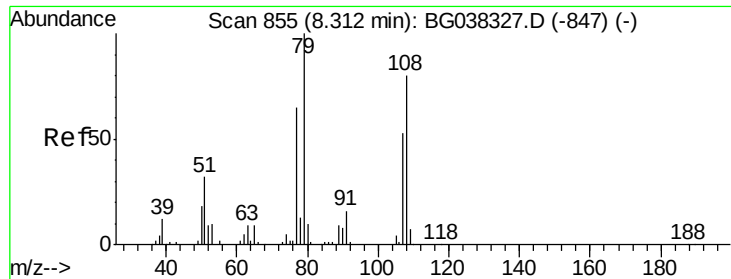
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





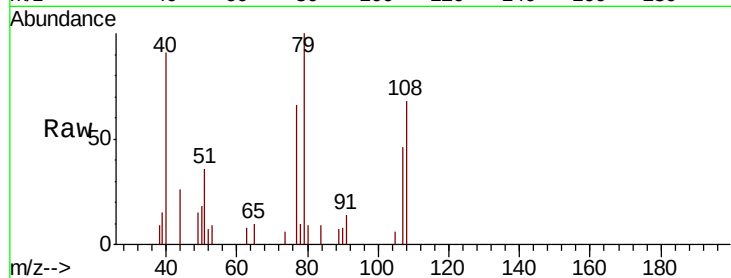
#15
Benzyl Alcohol
Concen: 2.370 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

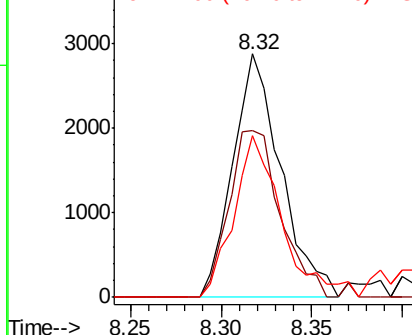
Tot Ion	79	Resp	5309
Ion	Ratio	Lower	Upper
79	100		
108	68.5	65.8	98.8
77	66.4	52.9	79.3

Manual Integrations
APPROVED

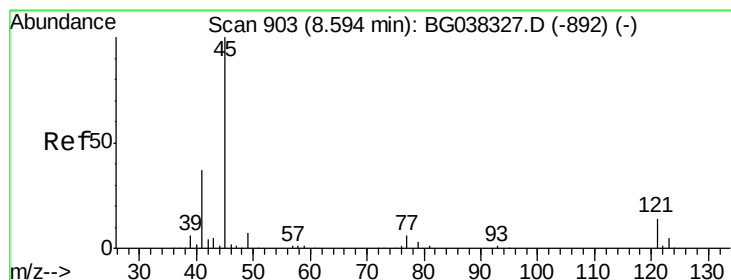
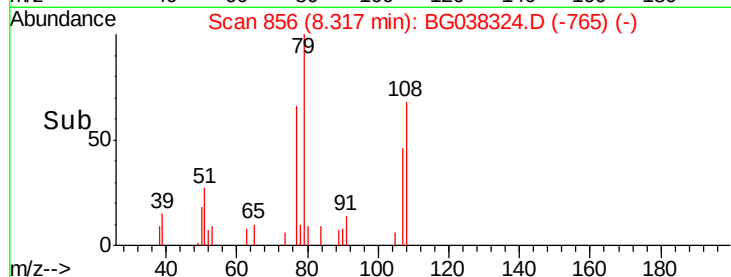
mohammad



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

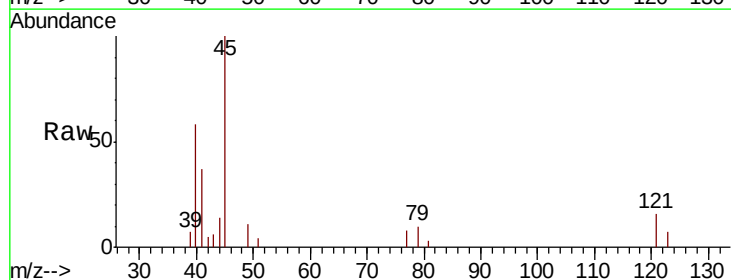


12/6/2018 10:32:40 AM

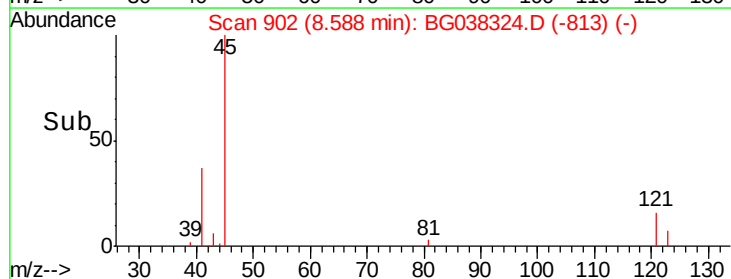
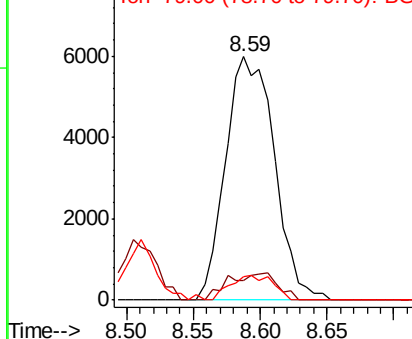


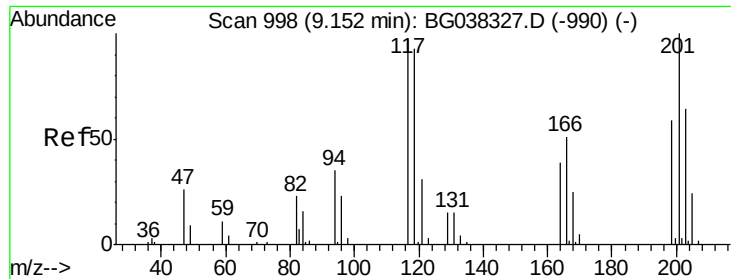
#16
2,2'-oxybis(1-chloropropane)
Concen: 3.058 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	45	Resp	15203
Ion	Ratio	Lower	Upper
45	100		
77	8.1	0.0	30.0
79	9.8	0.0	29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





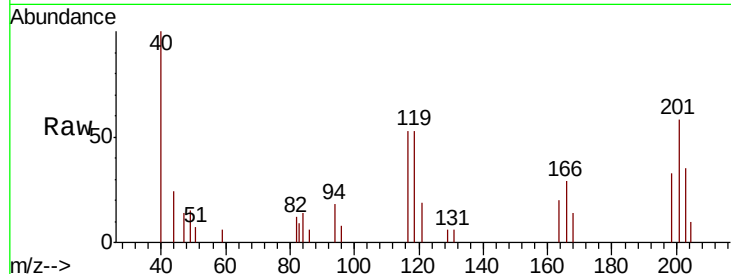
#18
Hexachloroethane
Concen: 2.439 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.9	74.6	111.8
201	111.1	80.8	121.2

Manual Integrations
APPROVED

mohammad

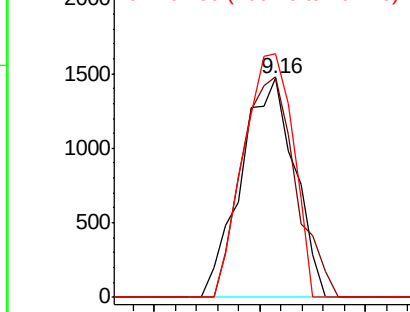


Abundance

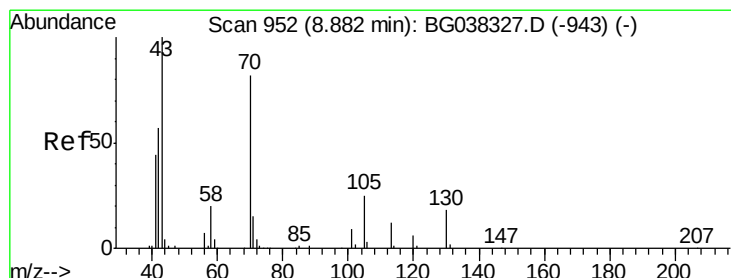
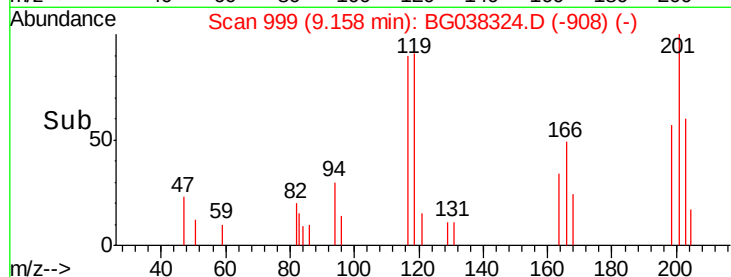
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



12/6/2018 10:32:40 AM



#19
n-Nitroso-di-n-propylamine
Concen: 2.329 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	78.9	53.9	80.9
101	12.5	8.2	12.2#
130	33.1	18.2	27.4#

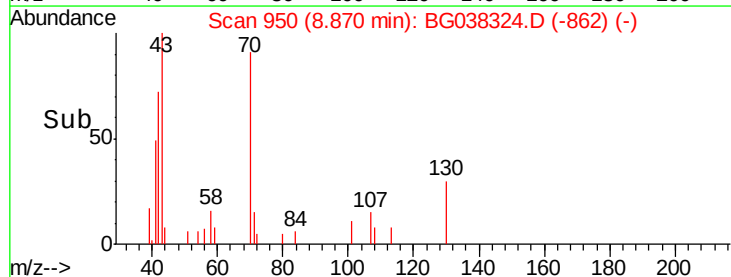
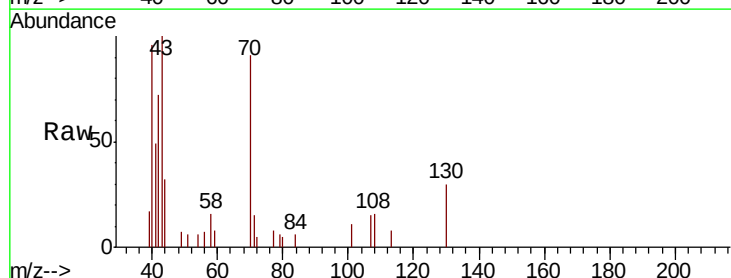
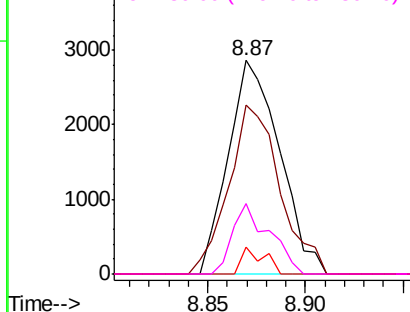
Abundance

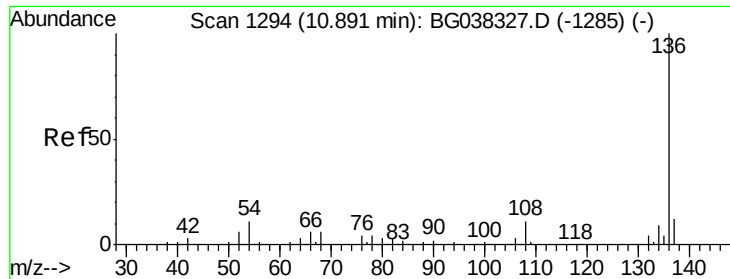
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

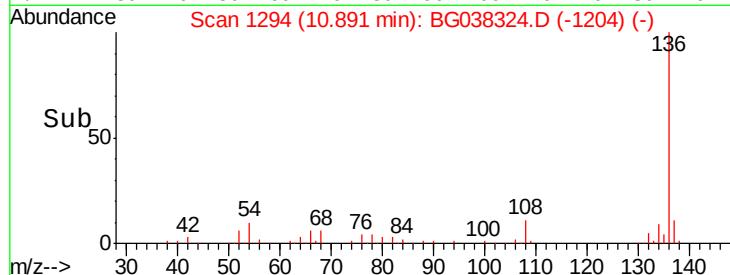
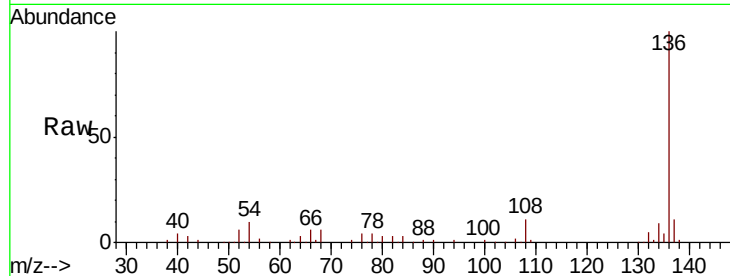
ClientSampleId :

SSTDICC2.5

Tot Ion	136	Resp	153833
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.6	14.4
54	10.2	7.9	11.9
68	5.9	4.8	7.2

Manual Integrations
APPROVED

mohammad



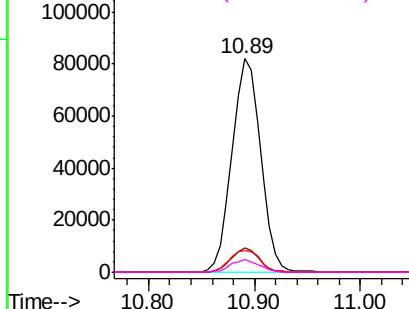
Abundance

Ion 136.00 (135.70 to 136.70): E

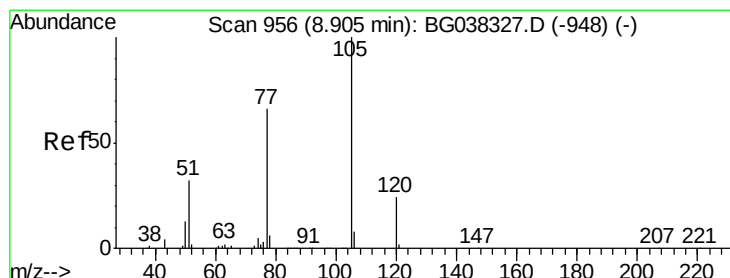
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



12/6/2018 10:32:40 AM



#22

Acetophenone

Concen: 2.590 ng

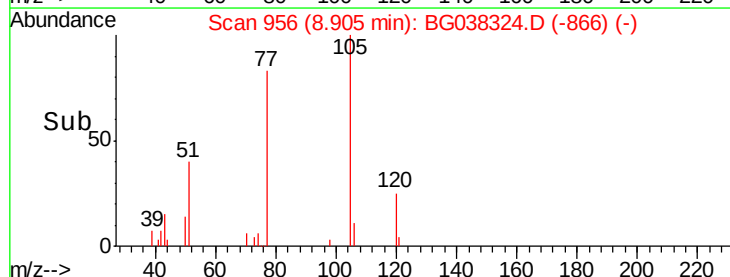
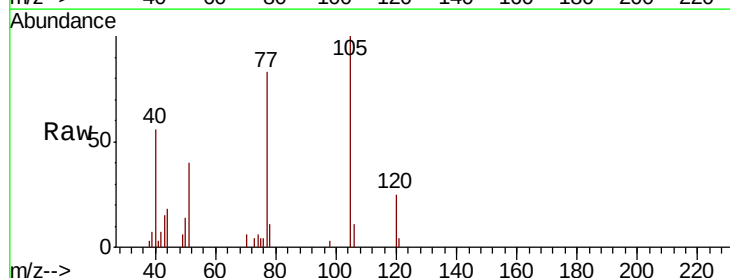
RT: 8.90 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion	105	Resp	9915
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.2	1.8#
51	40.2	25.0	37.6#
120	25.3	18.6	28.0



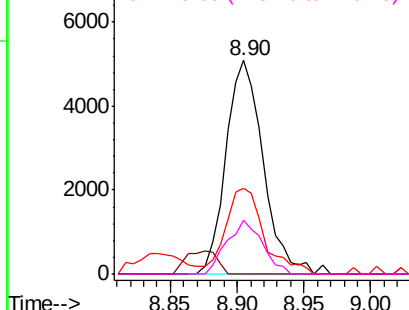
Abundance

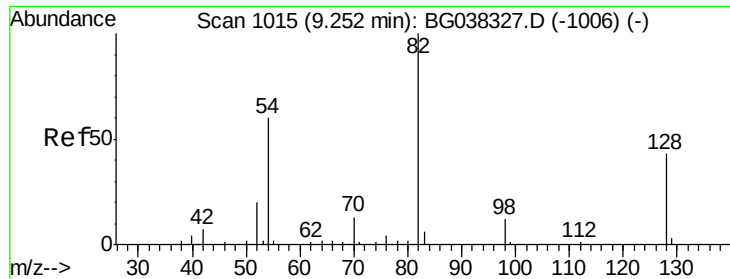
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





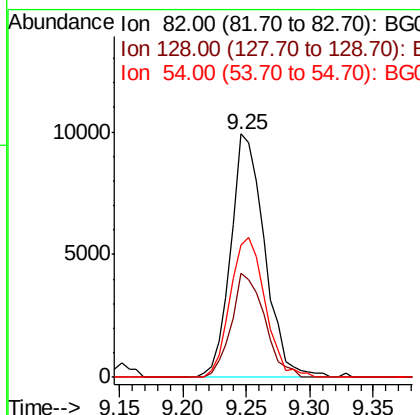
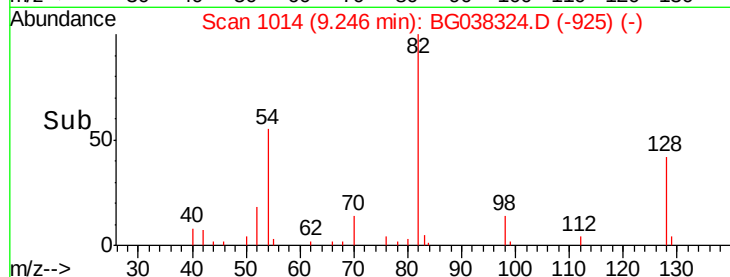
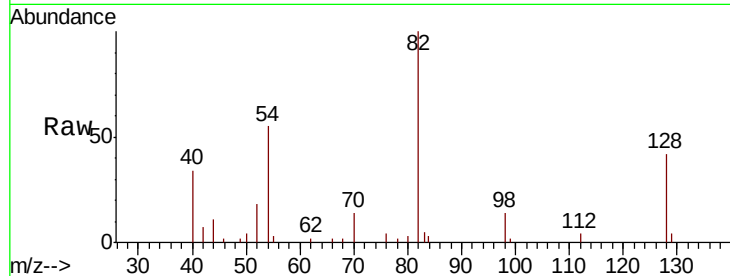
#23
 Nitrobenzene-d5
 Concen: 6.376 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

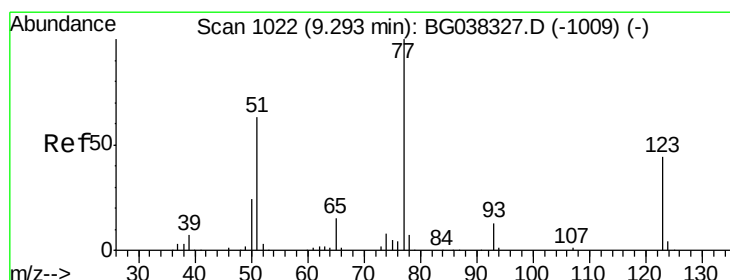
Tot Ion:	82	Resp:	18324
Ion Ratio	Lower	Upper	
82	100		
128	42.5	34.6	51.8
54	54.6	45.3	67.9

Manual Integrations
 APPROVED

mohammad

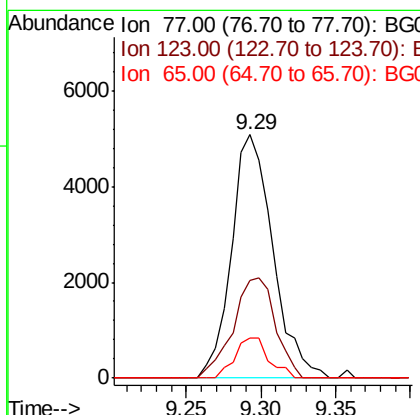
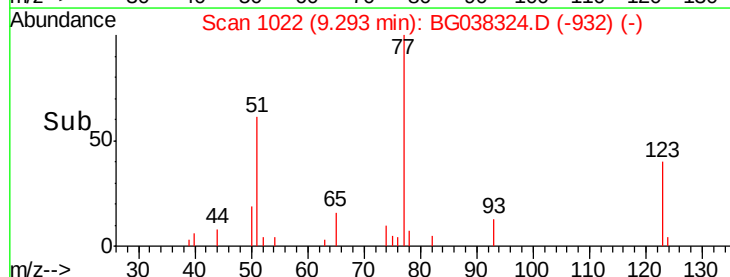
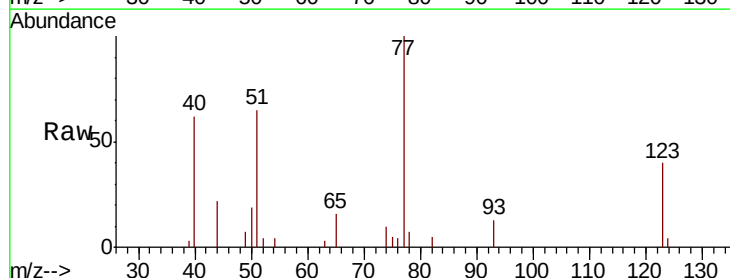


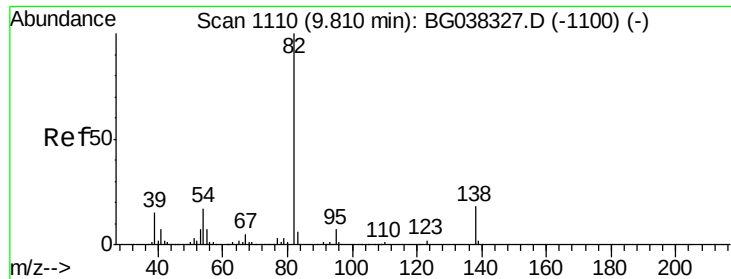
12/6/2018 10:32:40 AM



#24
 Nitrobenzene
 Concen: 3.336 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion:	77	Resp:	9807
Ion Ratio	Lower	Upper	
77	100		
123	40.1	33.6	50.4
65	16.4	11.3	16.9





#25

Isophorone

Concen: 2.358 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

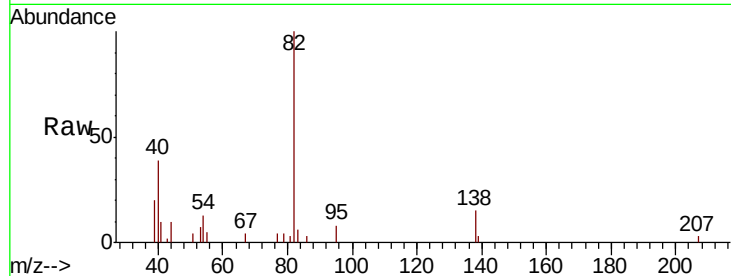
ClientSampleId :

SSTDICC2.5

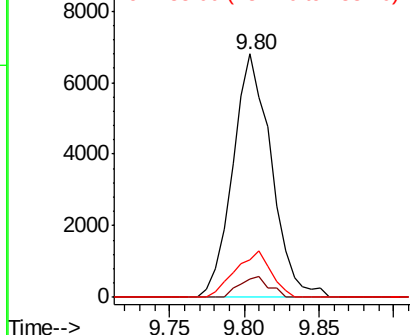
Tot Ion:	82	Resp:	12199
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.3	7.9
138	15.2	13.3	19.9

Manual Integrations
APPROVED

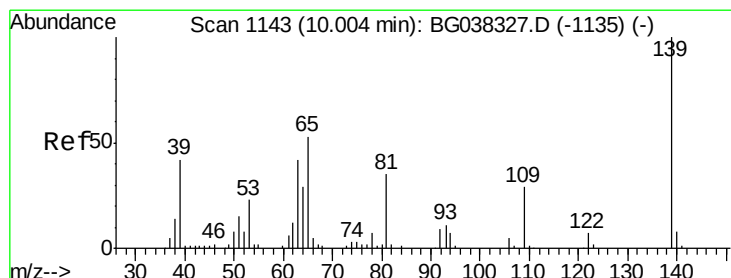
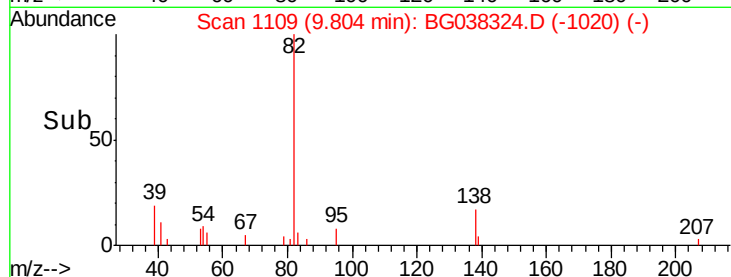
mohammad



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



12/6/2018 10:32:40 AM



#26

2-Nitrophenol

Concen: 2.054 ng

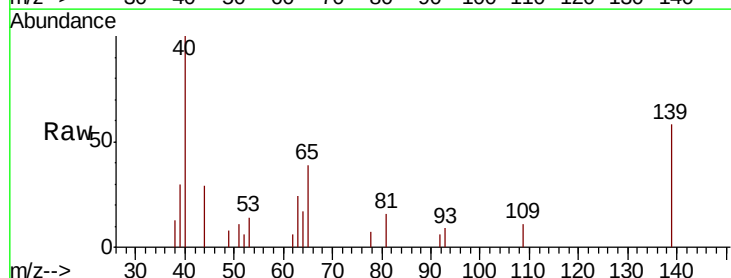
RT: 10.01 min Scan# 1144

Delta R.T. 0.01 min

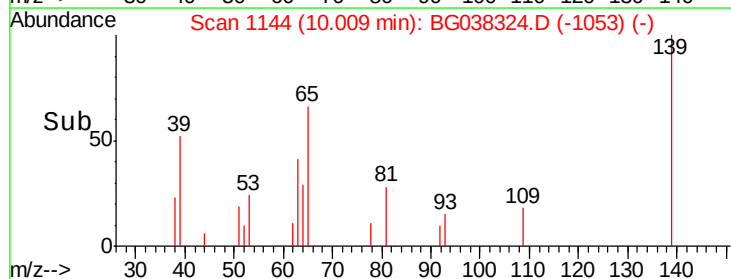
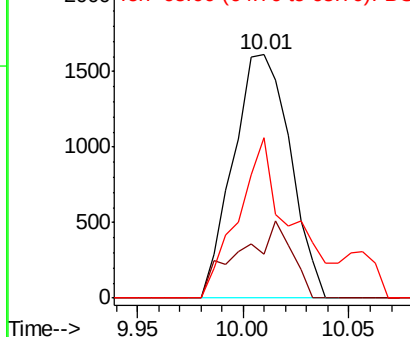
Lab File: BG038324.D

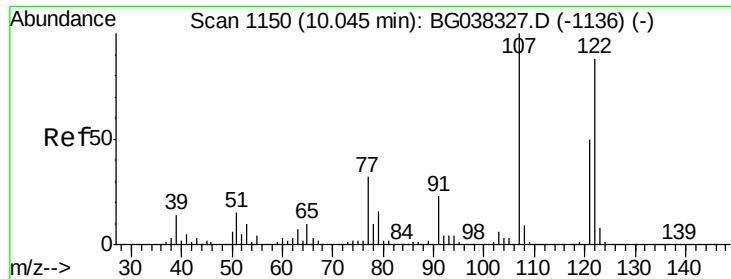
Acq: 4 Dec 2018 11:24

Tgt Ion:	139	Resp:	3015
Ion Ratio		Lower	Upper
139	100		
109	18.2	23.3	34.9#
65	66.0	39.8	59.8#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 2.014 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

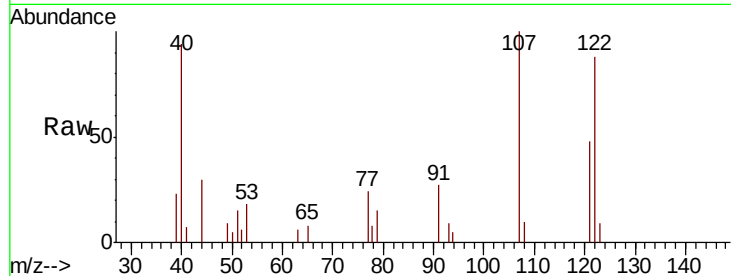
ClientSampleId :

SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	94.2	141.2
121	54.2	47.3	70.9

Manual Integrations
APPROVED

mohammad

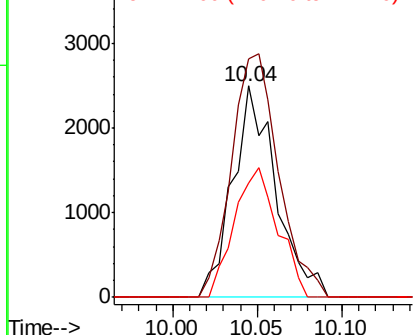


Abundance

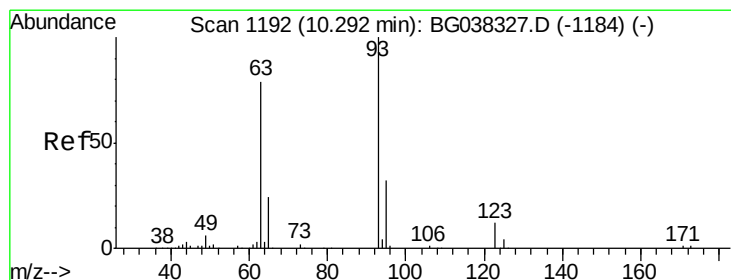
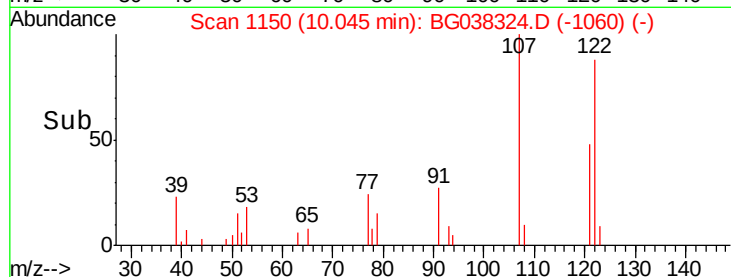
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



12/6/2018 10:32:40 AM



#28

bis(2-Chloroethoxy)methane

Concen: 2.289 ng

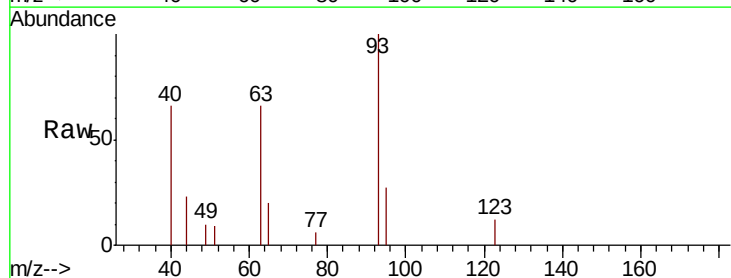
RT: 10.29 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	27.4	24.6	37.0
123	12.2	9.1	13.7

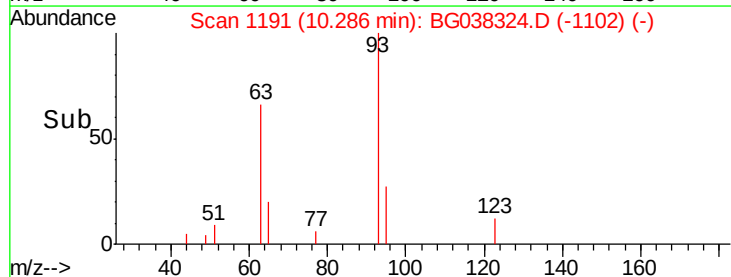
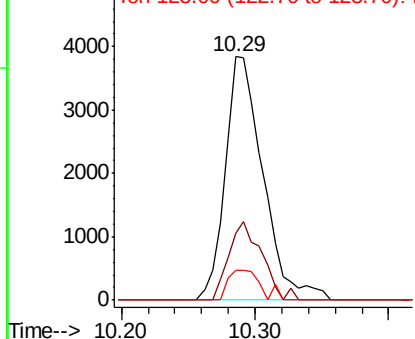


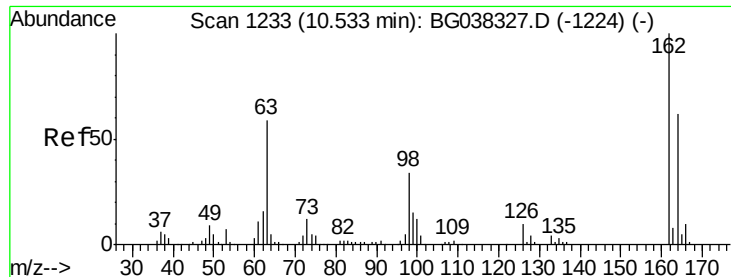
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





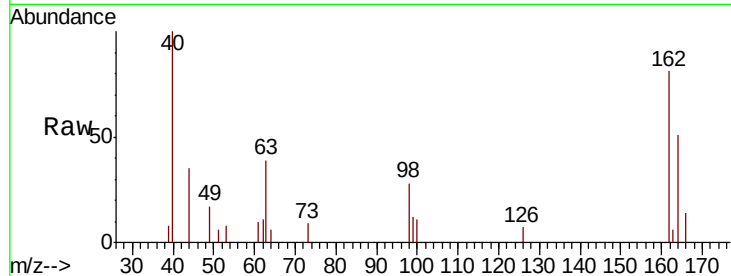
#29
2,4-Dichlorophenol
Concen: 2.065 ng
RT: 10.54 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.2	83.2
98	34.5	16.0	56.0

Manual Integrations
APPROVED

mohammad

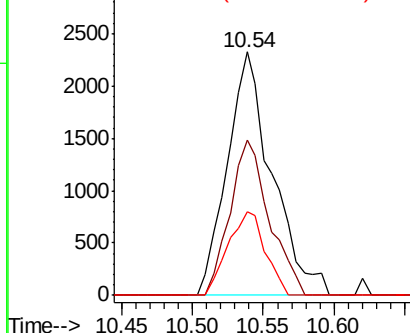


Abundance

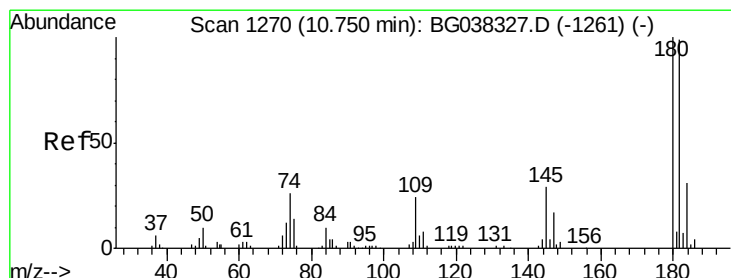
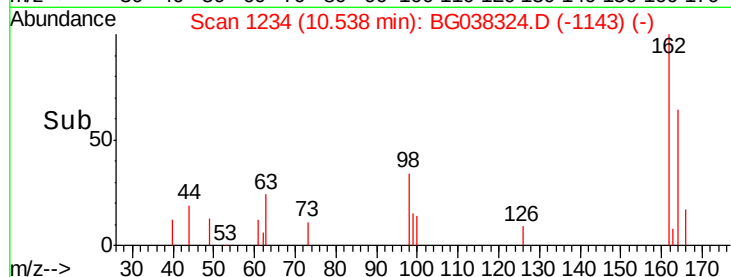
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC

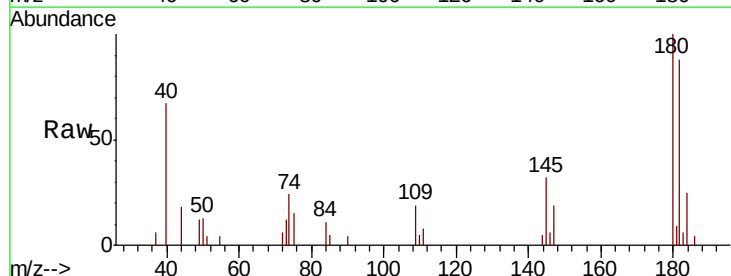


12/6/2018 10:32:40 AM



#30
1,2,4-Trichlorobenzene
Concen: 2.437 ng
RT: 10.74 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.7	116.5
145	32.4	23.3	34.9

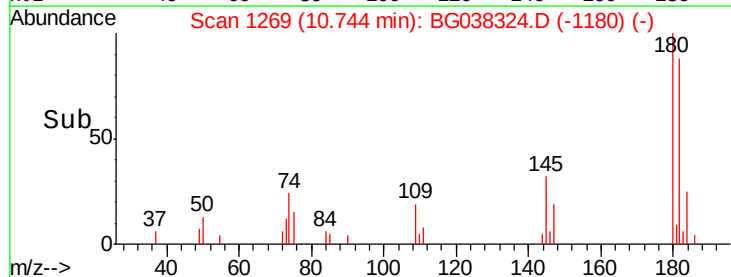
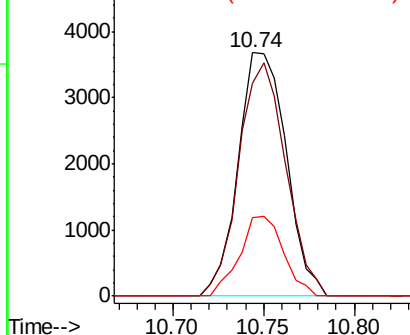


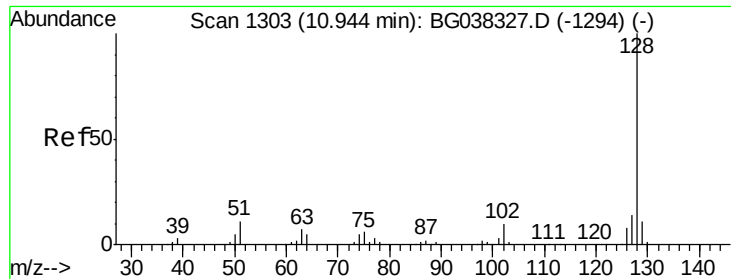
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





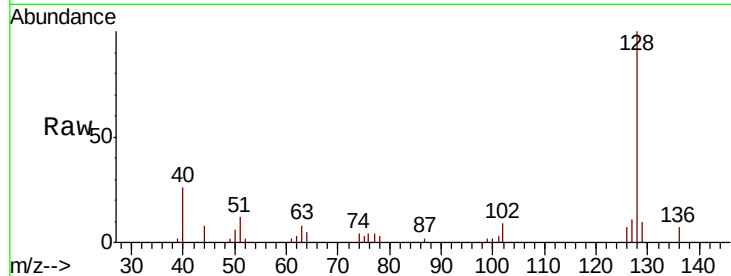
#31
Naphthalene
Concen: 2.484 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.5	9.0	13.6
127	11.5	11.1	16.7

Manual Integrations
APPROVED

mohammad

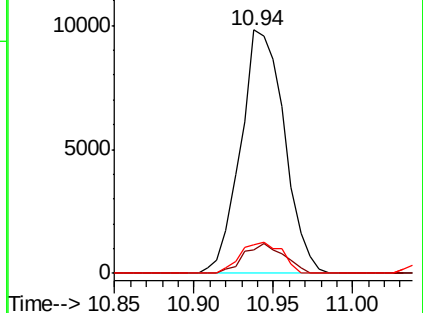


Abundance

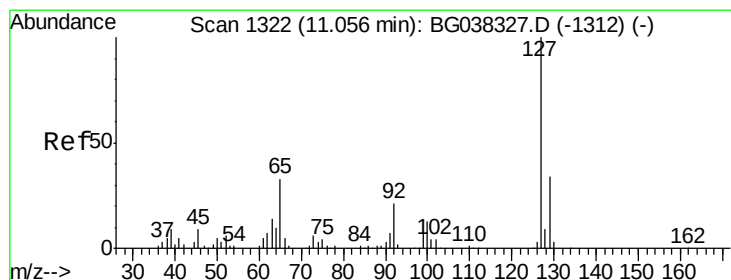
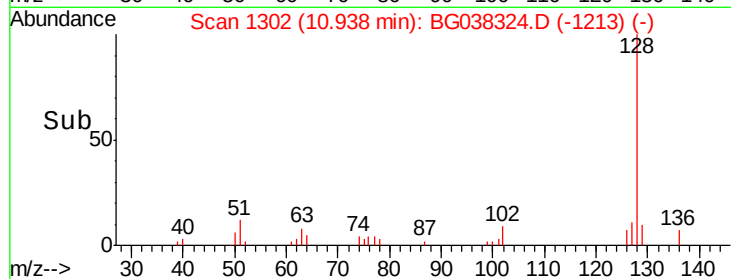
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



12/6/2018 10:32:40 AM



#33
4-Chloroaniline
Concen: 1.995 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
127	100		
129	38.6	27.1	40.7
65	35.6	26.6	39.8
92	19.1	16.4	24.6

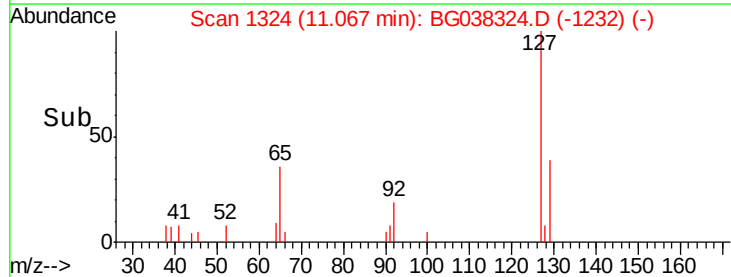
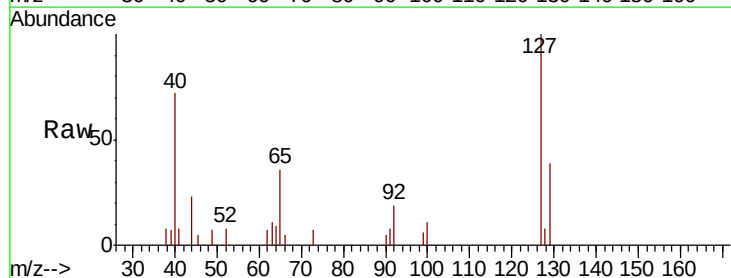
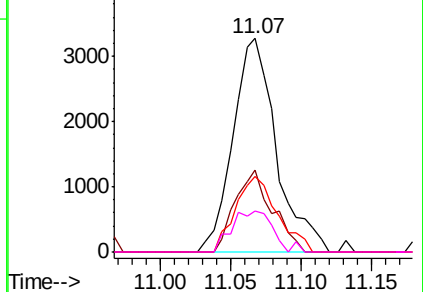
Abundance

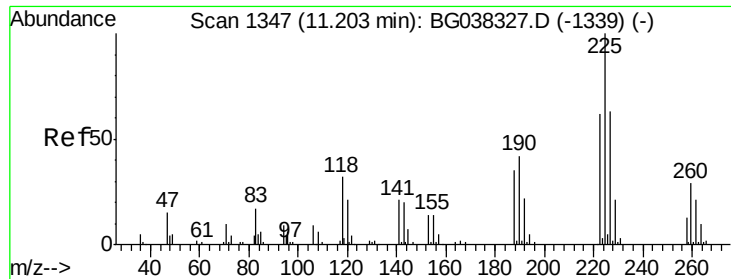
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 2.461 ng

RT: 11.20 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

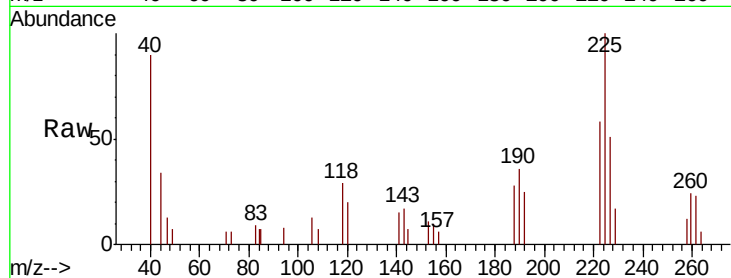
ClientSampleId :

SSTDICC2.5

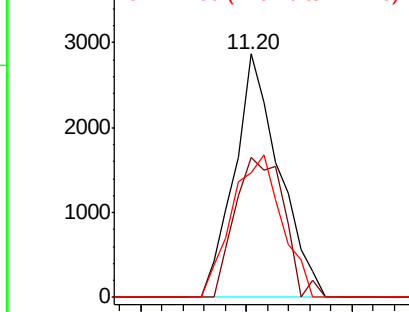
Tot Ion:	225	Resp:	4222
Ion Ratio	Lower	Upper	
225	100		
223	57.6	48.2	72.4
227	51.4	51.6	77.4#

Manual Integrations
APPROVED

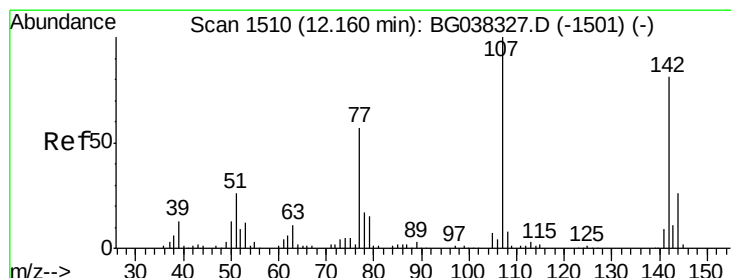
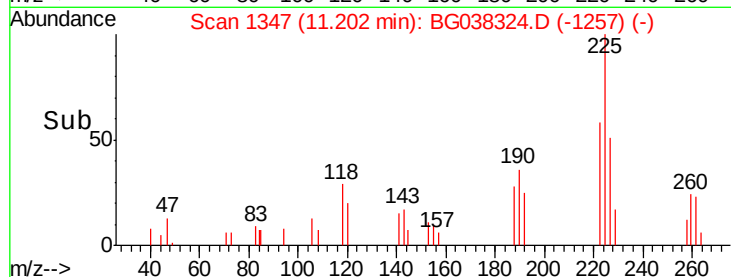
mohammad



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



12/6/2018 10:32:40 AM



#36

4-Chloro-3-methylphenol

Concen: 2.118 ng

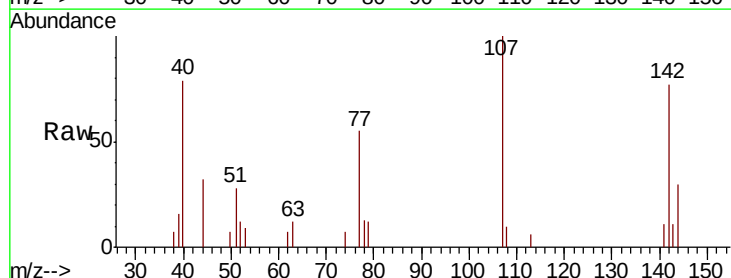
RT: 12.17 min Scan# 1511

Delta R.T. 0.01 min

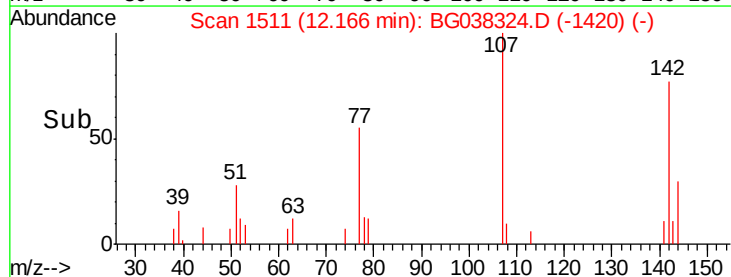
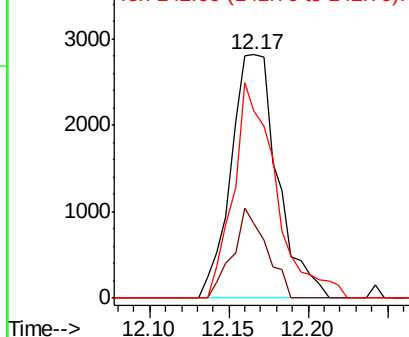
Lab File: BG038324.D

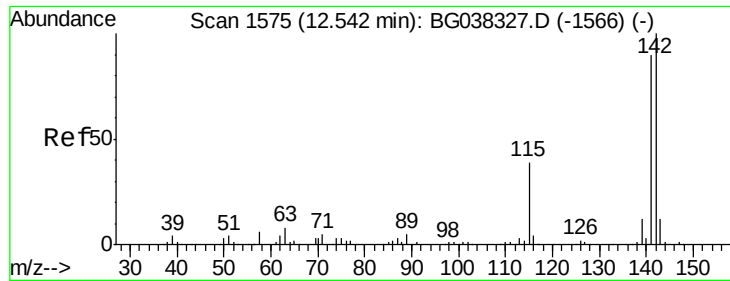
Acq: 4 Dec 2018 11:24

Tgt Ion:	107	Resp:	5755
Ion Ratio	Lower	Upper	
107	100		
144	30.5	20.7	31.1
142	76.7	64.4	96.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





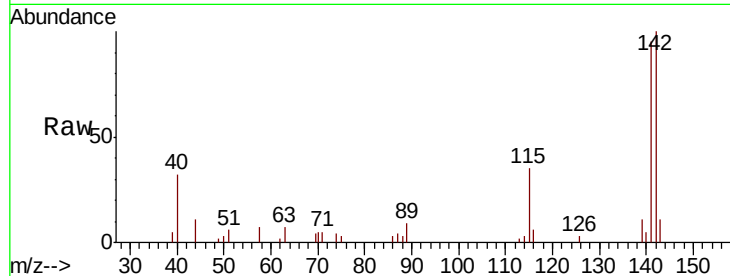
#37
2-Methylnaphthalene
Concen: 2.364 ng
RT: 12.55 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.5	71.9	107.9
115	34.5	27.8	41.8

Manual Integrations
APPROVED

mohammad

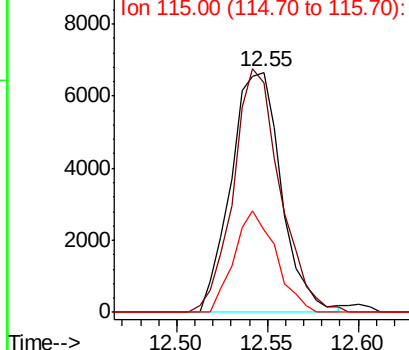


Abundance

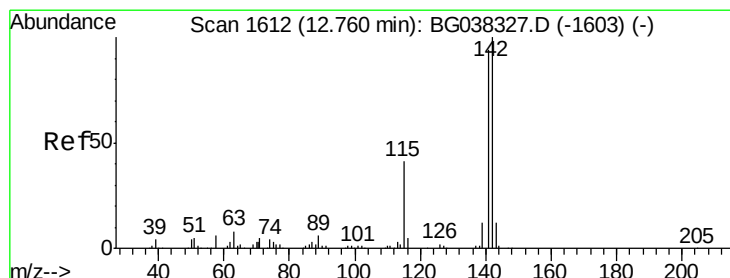
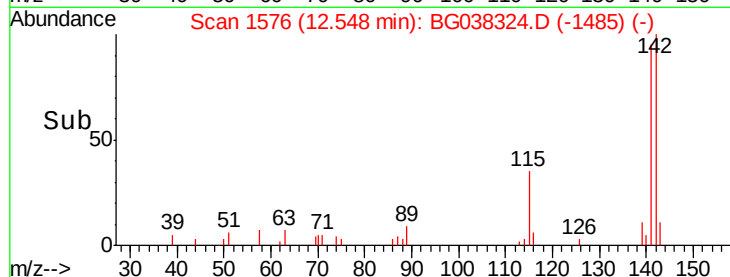
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

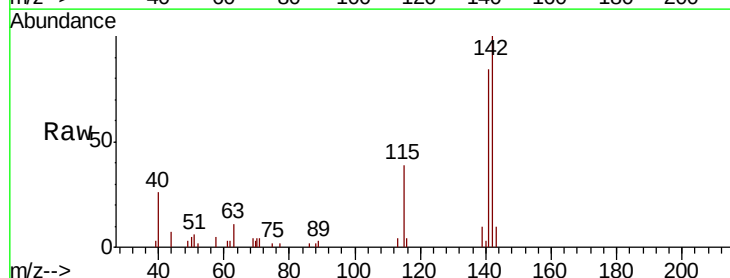


12/6/2018 10:32:40 AM



#38
1-Methylnaphthalene
Concen: 2.534 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.6	75.2	112.8
116	4.1	3.3	4.9

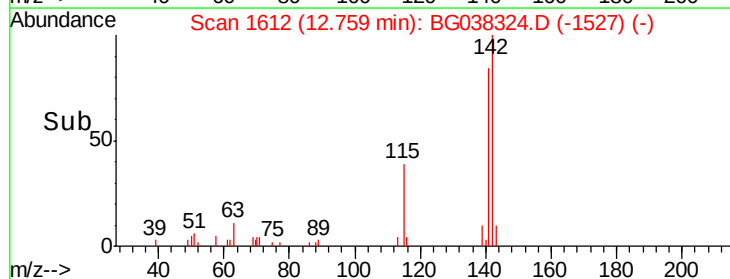
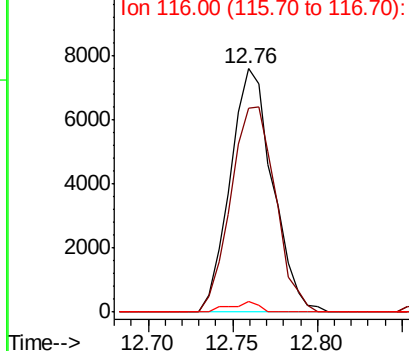


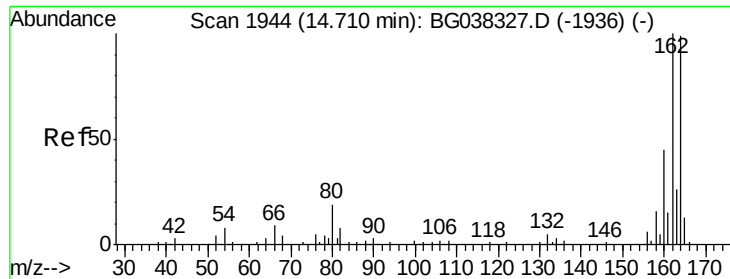
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

Tot Ion:164 Resp: 99229

Ion Ratio Lower Upper

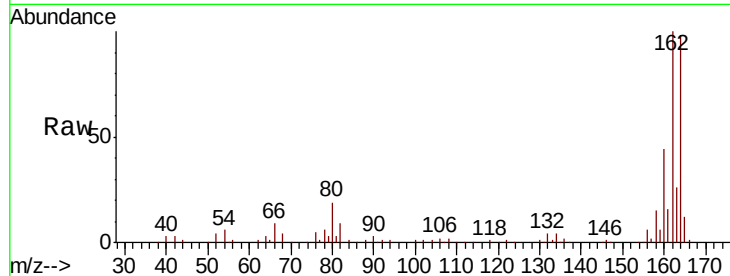
164 100

162 102.2 81.3 121.9

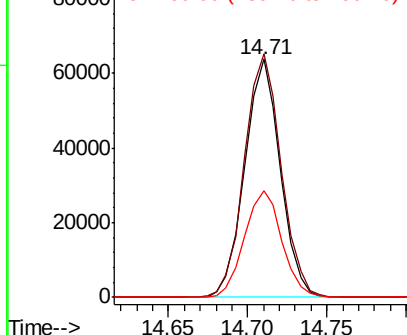
160 44.9 36.3 54.5

Manual Integrations
APPROVED

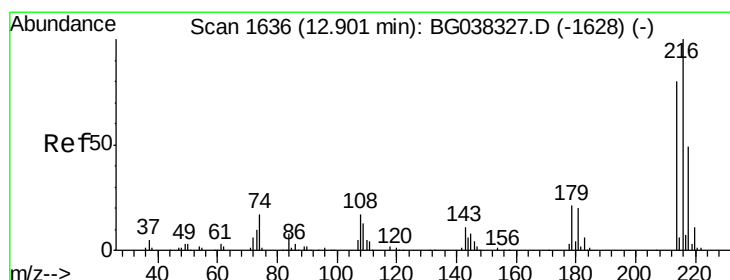
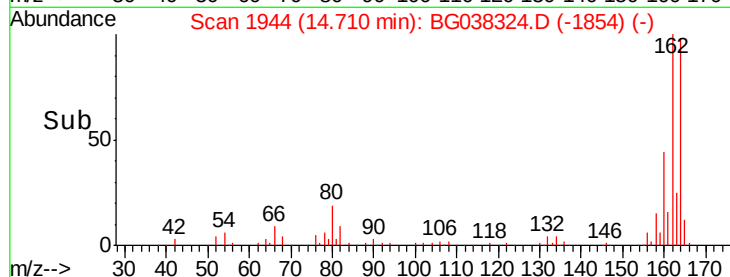
mohammad



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



12/6/2018 10:32:40 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.481 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:216 Resp: 8228

Ion Ratio Lower Upper

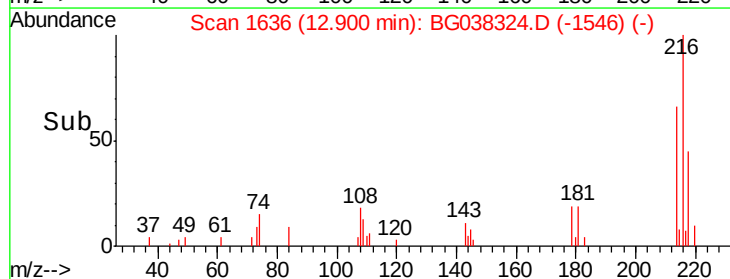
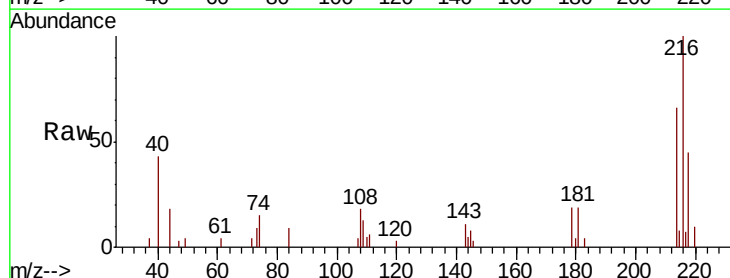
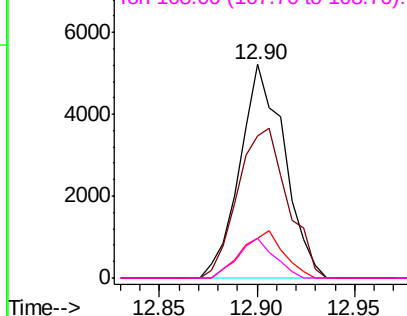
216 100

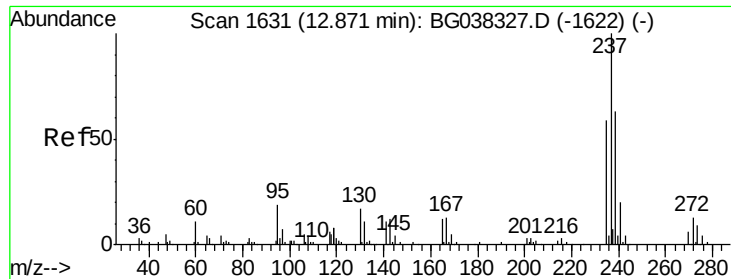
214 78.2 63.8 95.6

179 20.7 17.4 26.0

108 15.3 13.9 20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.107 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

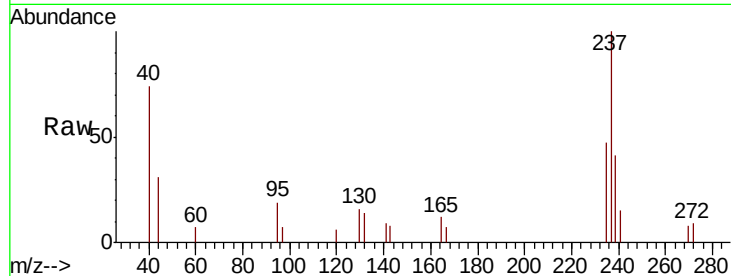
ClientSampleId :

SSTDICC2.5

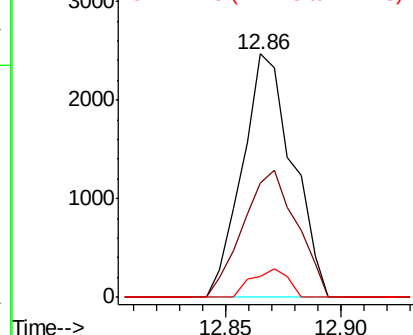
Tot Ion:	237	Resp:	3741
Ion Ratio	Lower	Upper	
237	100		
235	47.0	42.5	82.5
272	8.8	0.0	31.6

Manual Integrations
APPROVED

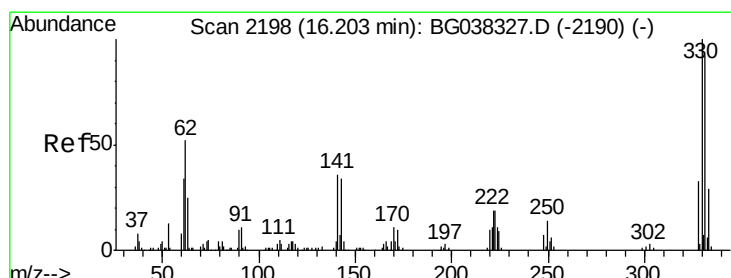
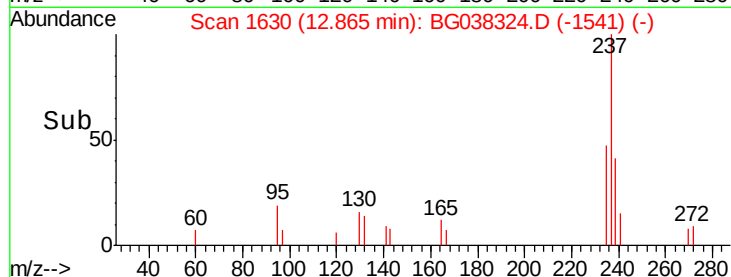
mohammad



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



12/6/2018 10:32:40 AM



#42

2,4,6-Tribromophenol

Concen: 4.459 ng

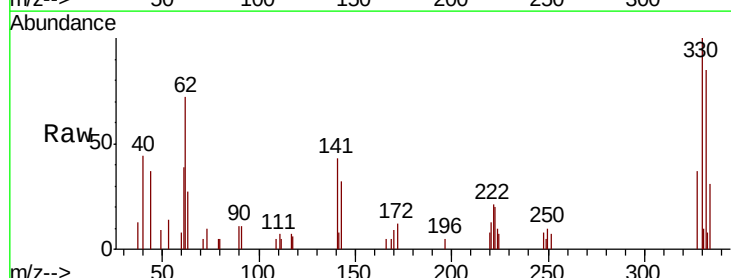
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

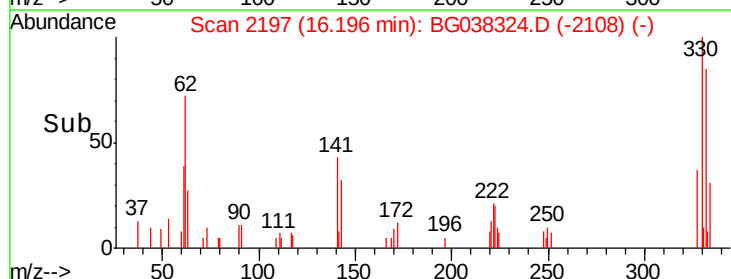
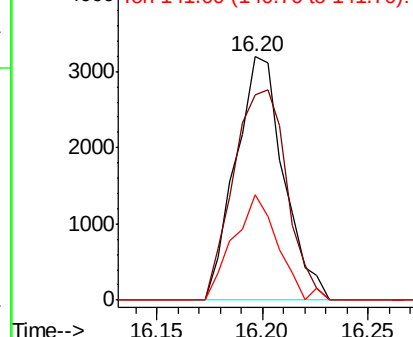
Lab File: BG038324.D

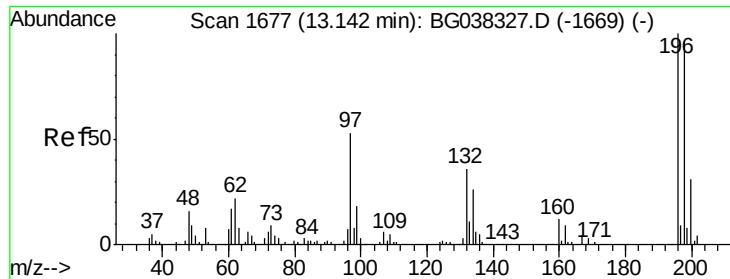
Acq: 4 Dec 2018 11:24

Tgt Ion:	330	Resp:	5046
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.4	117.6
141	40.0	32.2	48.2



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





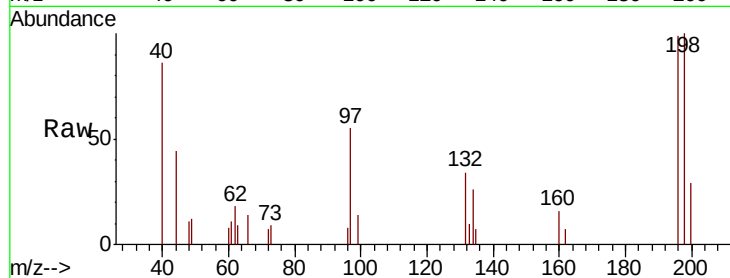
#43
 2,4,6-Trichlorophenol
 Concen: 1.860 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.5	76.4	114.6
200	29.1	24.9	37.3

Manual Integrations
 APPROVED

mohammad

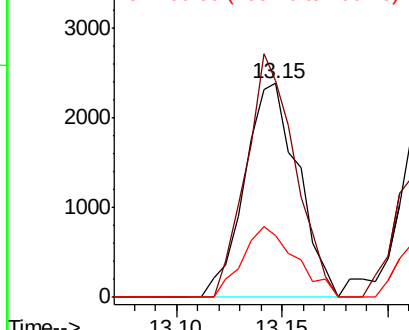


Abundance

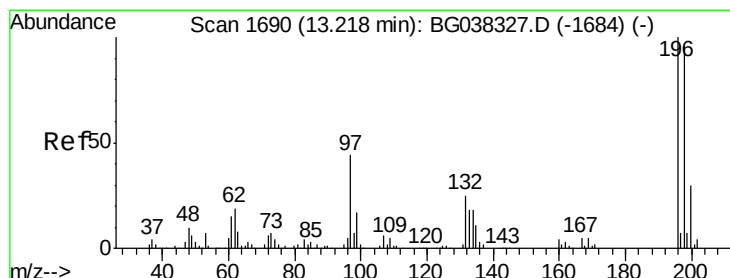
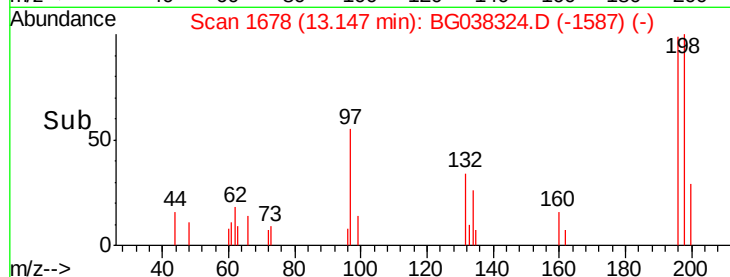
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



12/6/2018 10:32:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 1.961 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	84.0	74.2	111.2
97	35.0	34.1	51.1
132	21.5	20.2	30.4

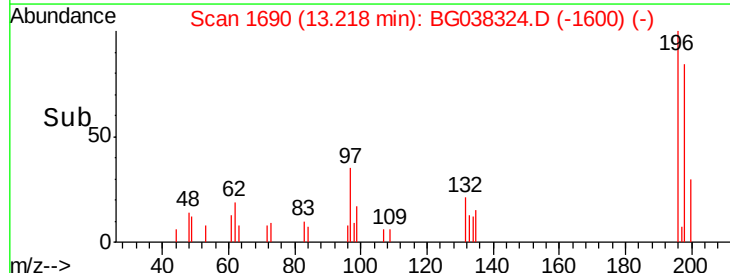
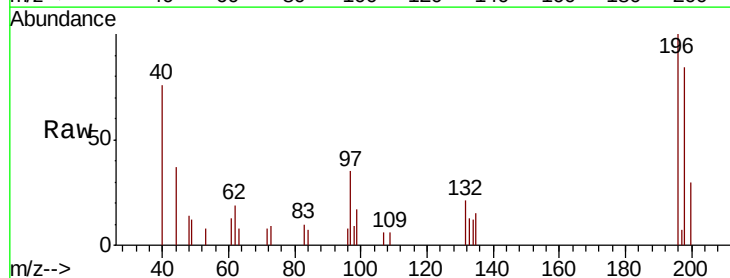
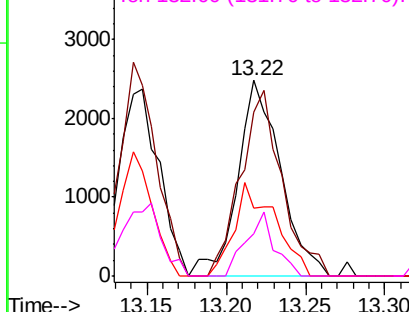
Abundance

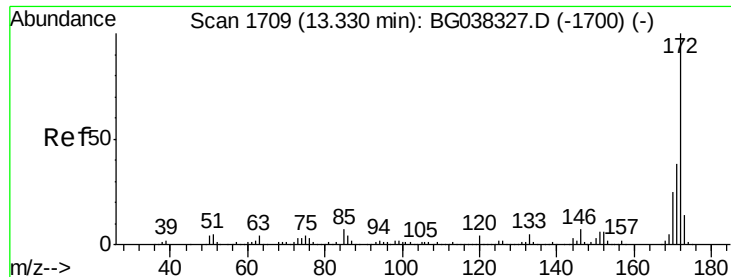
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 5.053 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

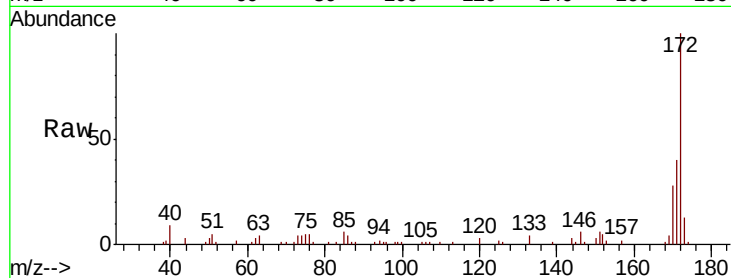
ClientSampled :

SSTDICC2.5

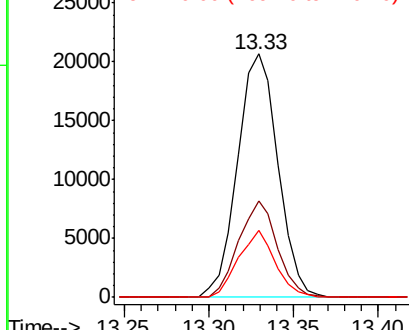
Tot Ion:	172	Resp:	34417
Ion Ratio	Lower	Upper	
172	100		
171	39.6	31.0	46.4
170	27.7	20.2	30.2

Manual Integrations
APPROVED

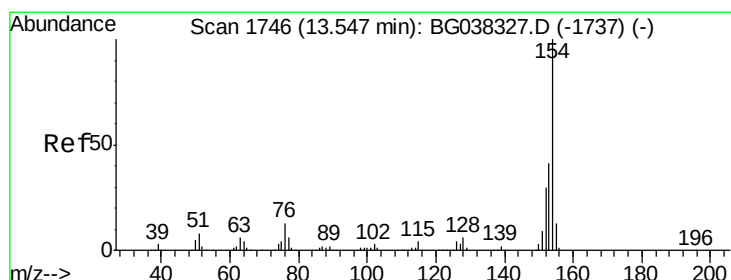
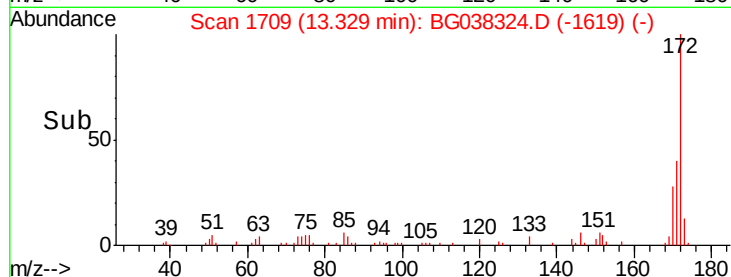
mohammad



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



12/6/2018 10:32:40 AM



#46

1,1'-Biphenyl

Concen: 2.511 ng

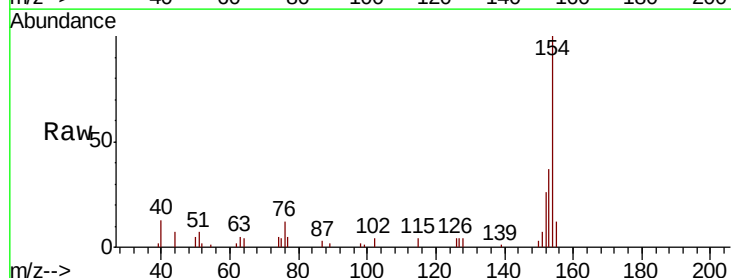
RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

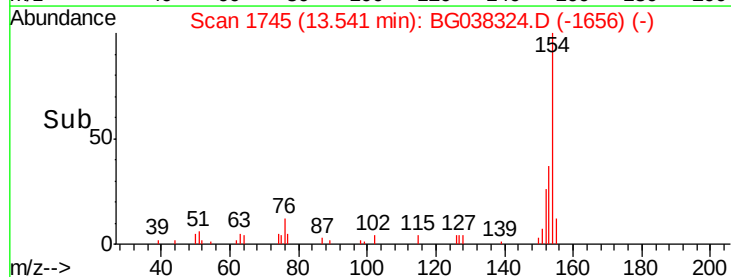
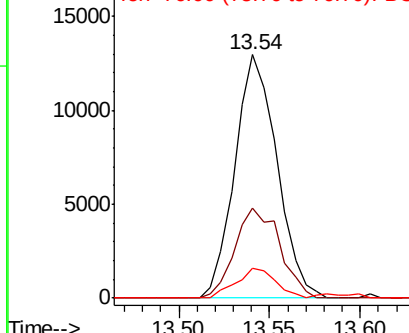
Lab File: BG038324.D

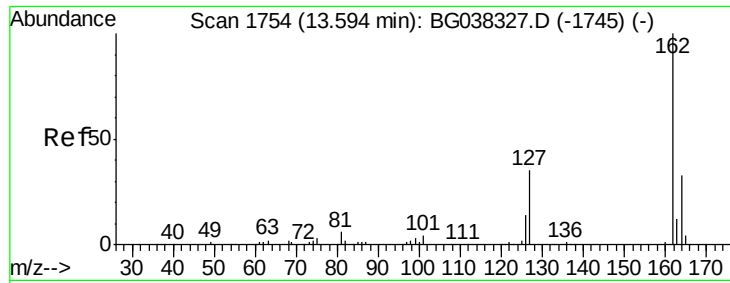
Acq: 4 Dec 2018 11:24

Tgt Ion:	154	Resp:	20936
Ion Ratio	Lower	Upper	
154	100		
153	36.8	22.1	62.1
76	12.0	0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





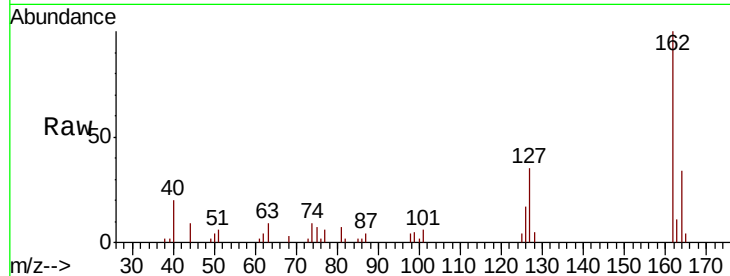
#47
 2-Chloronaphthalene
 Concen: 2.436 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

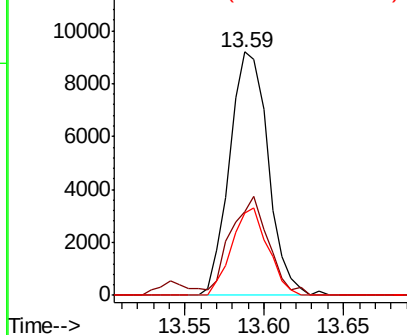
Tot Ion:	162	Resp:	15498
Ion Ratio	Lower	Upper	
162	100		
127	34.5	30.5	45.7
164	33.9	26.4	39.6

Manual Integrations
 APPROVED

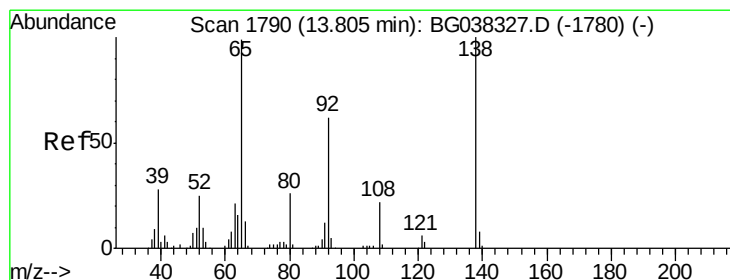
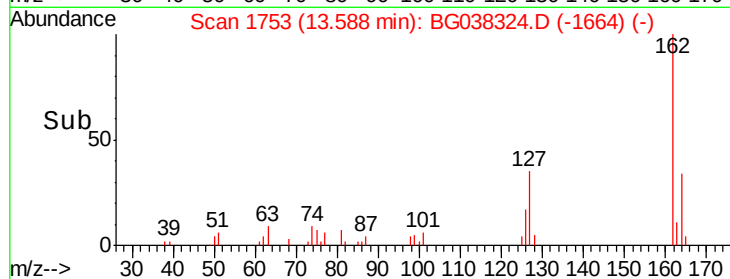
mohammad



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

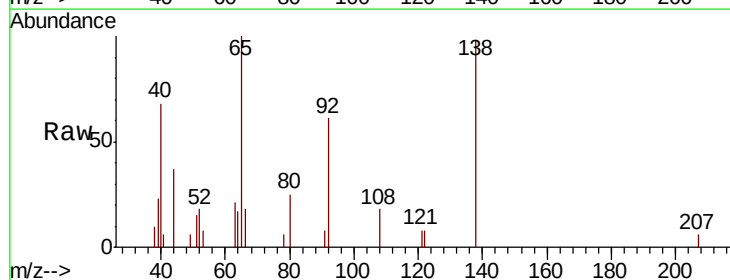


12/6/2018 10:32:40 AM

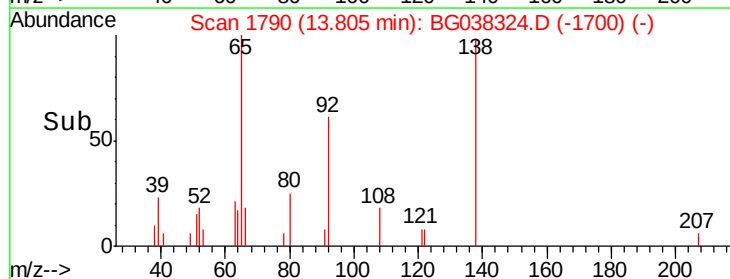
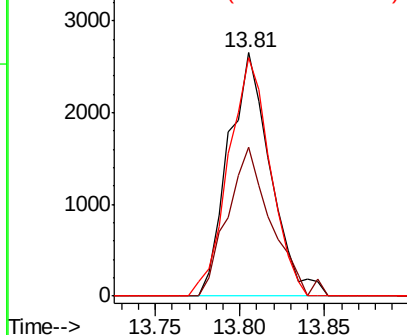


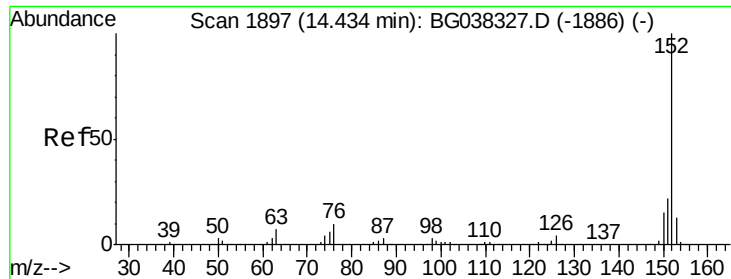
#48
 2-Nitroaniline
 Concen: 2.303 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion:	65	Resp:	4610
Ion Ratio	Lower	Upper	
65	100		
92	61.2	53.2	79.8
138	97.7	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.469 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

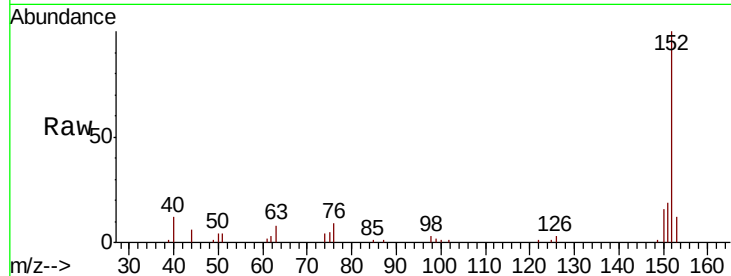
ClientSampleId :

SSTDICC2.5

Tot Ion:	152	Resp:	23617
Ion Ratio	Lower	Upper	
152	100		
151	19.2	17.1	25.7
153	12.0	11.1	16.7

Manual Integrations
APPROVED

mohammad

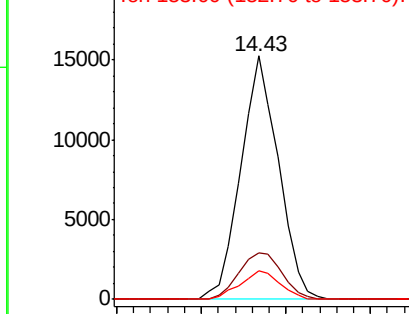


Abundance

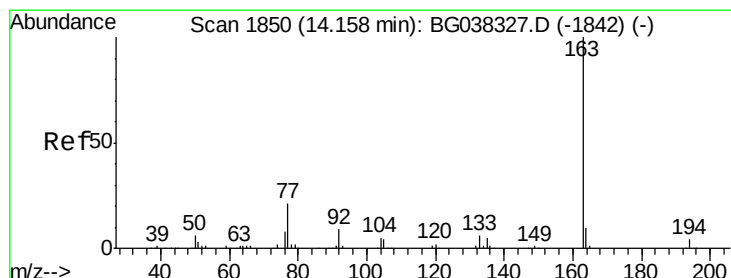
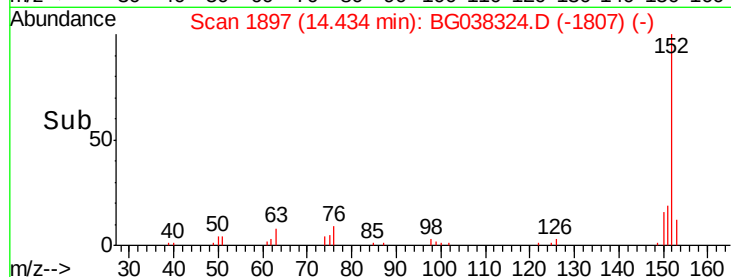
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



12/6/2018 10:32:40 AM



#50

Dimethylphthalate

Concen: 2.386 ng

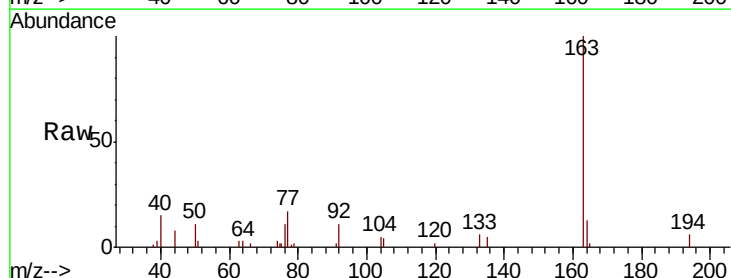
RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	163	Resp:	18773
Ion Ratio	Lower	Upper	
163	100		
194	6.0	3.5	5.3#
164	12.5	8.5	12.7

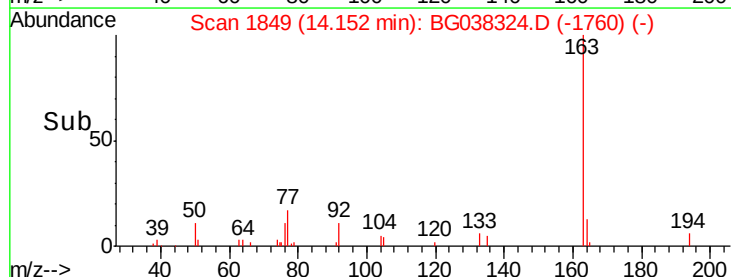
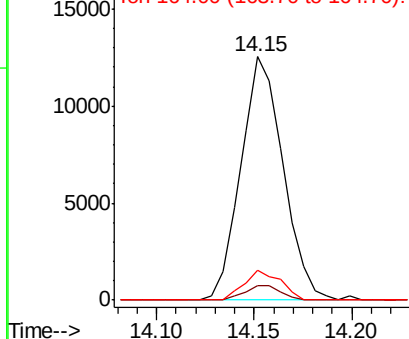


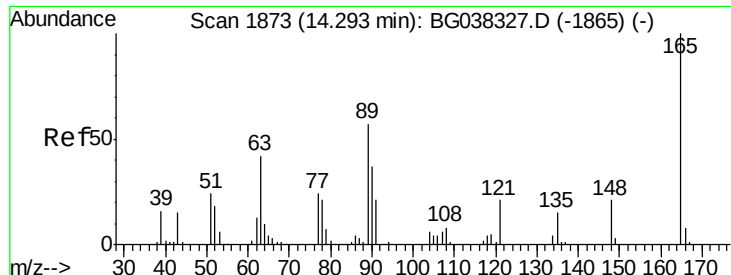
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





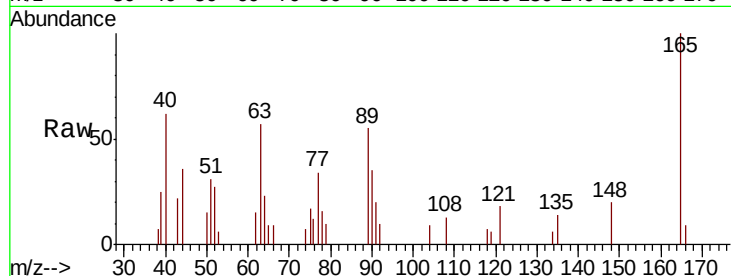
#51
2,6-Dinitrotoluene
Concen: 2.428 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	43.4	65.2
89	55.0	45.8	68.6

Manual Integrations
APPROVED

mohammad

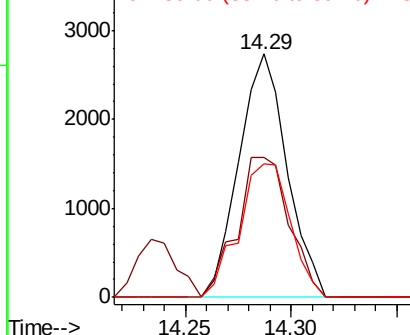


Abundance

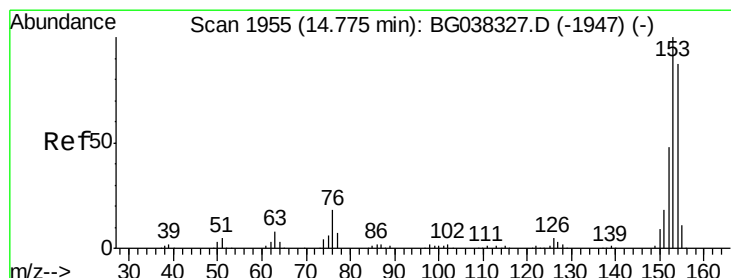
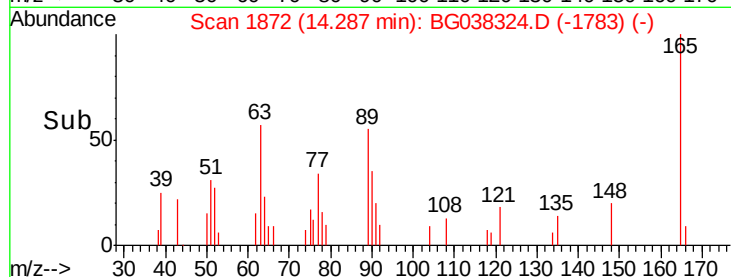
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



12/6/2018 10:32:40 AM



#52
Acenaphthene
Concen: 2.611 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

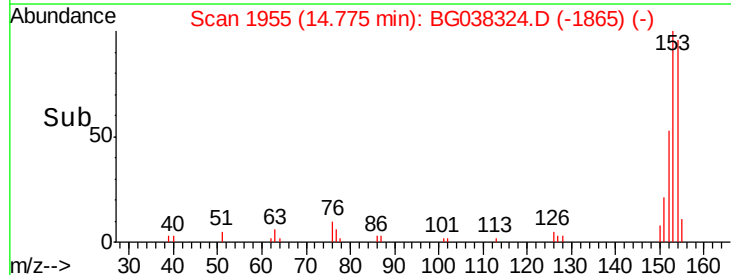
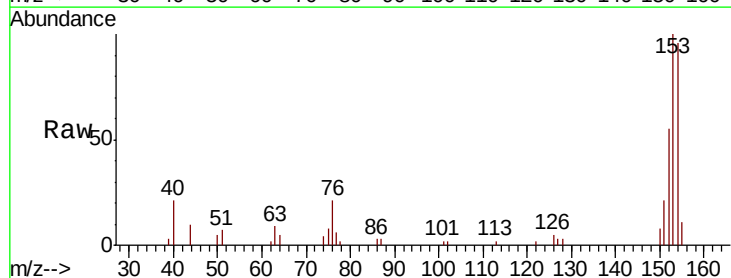
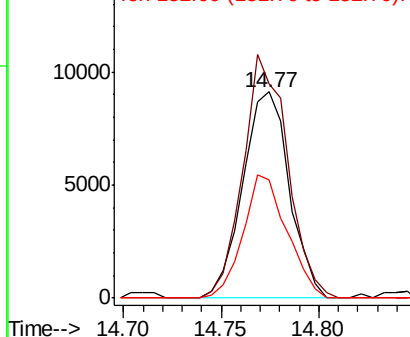
Tgt Ion	Ratio	Lower	Upper
154	100		
153	103.8	93.4	140.0
152	57.1	44.7	67.1

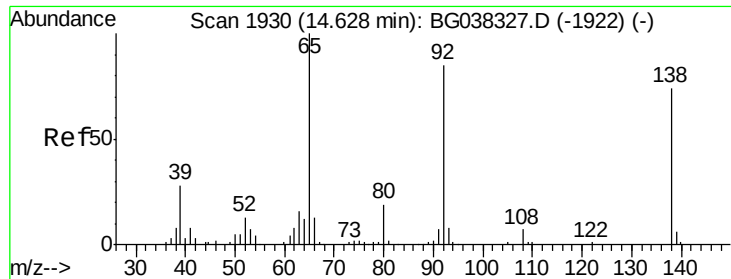
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





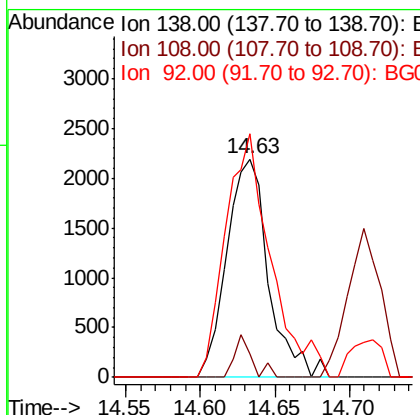
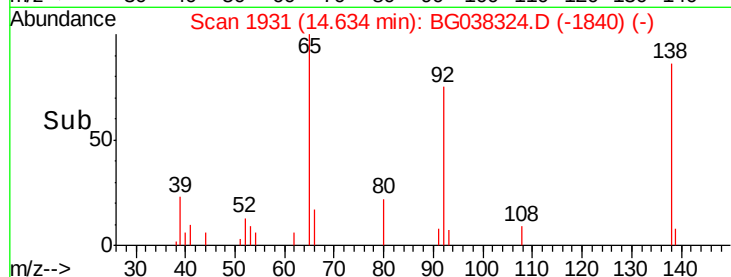
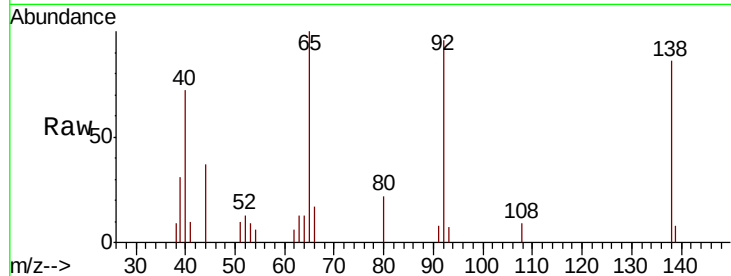
#53
3-Nitroaniline
Concen: 2.175 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

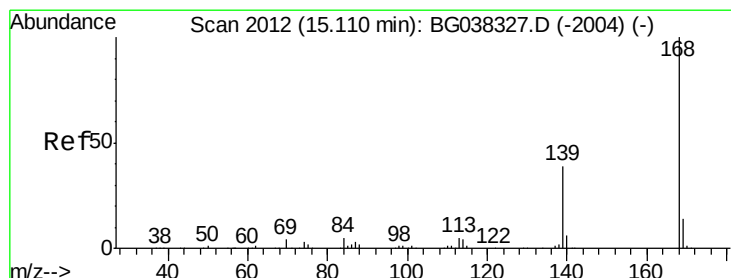
Tot Ion:138 Resp: 4273
Ion Ratio Lower Upper
138 100
108 10.9 11.0 16.6#
92 111.6 95.2 142.8

Manual Integrations
APPROVED

mohammad

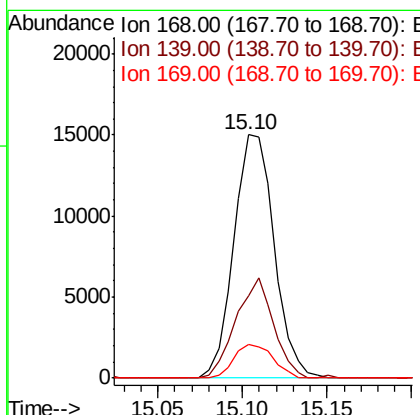
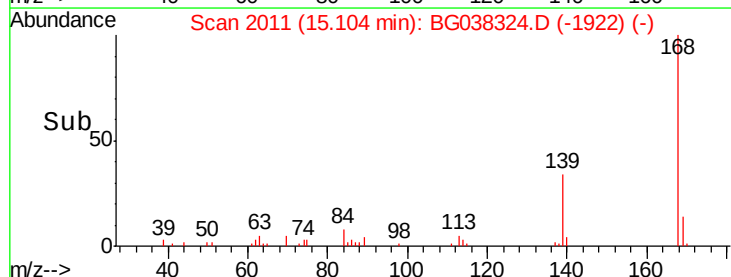
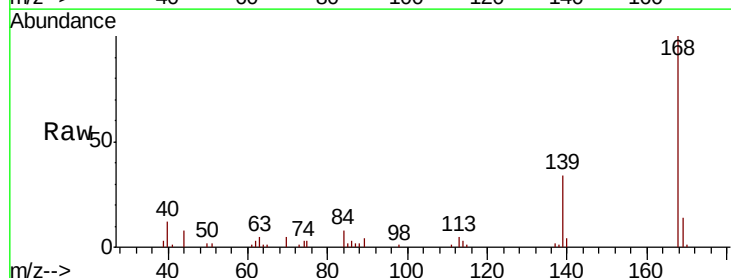


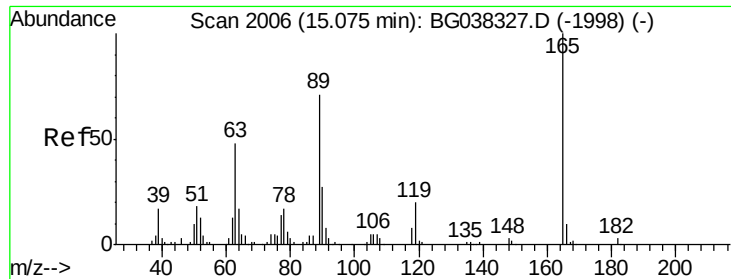
12/6/2018 10:32:40 AM



#55
Dibenzofuran
Concen: 2.616 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion:168 Resp: 24916
Ion Ratio Lower Upper
168 100
139 34.1 29.4 44.0
169 13.9 11.0 16.6





#57

2,4-Dinitrotoluene

Concen: 2.193 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

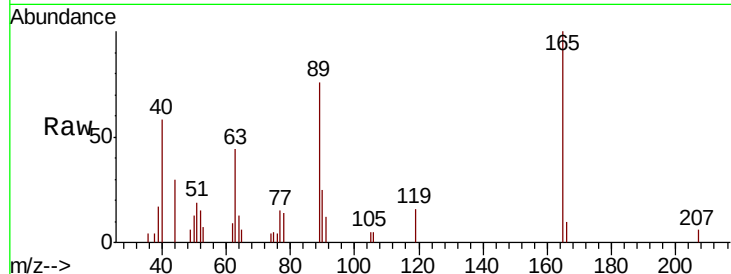
ClientSampled :

SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.4	50.0
89	76.5	57.2	85.8
182	0.0	2.6	4.0#

Manual Integrations
APPROVED

mohammad

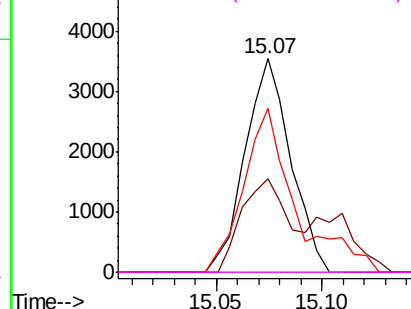


Abundance Ion 165.00 (164.70 to 165.70): E

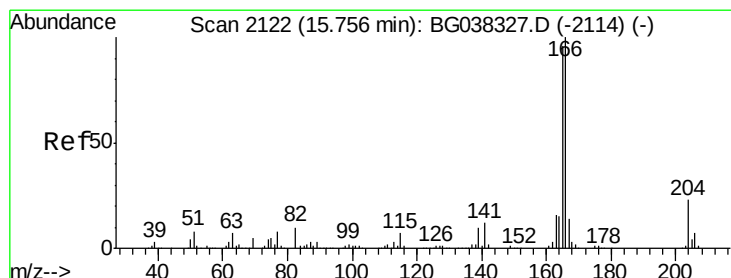
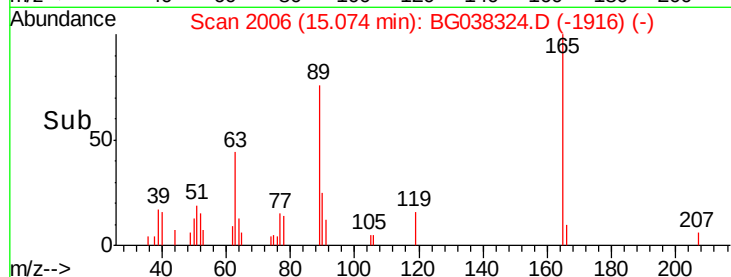
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



12/6/2018 10:32:40 AM



#58

Fluorene

Concen: 2.414 ng

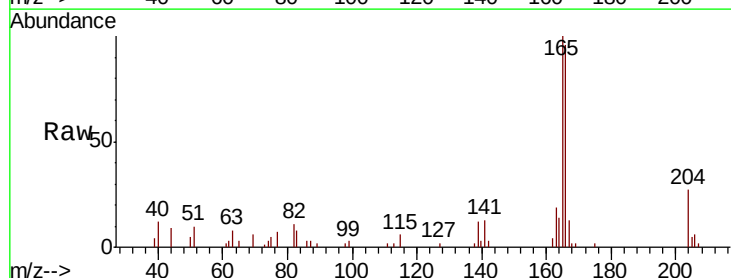
RT: 15.76 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

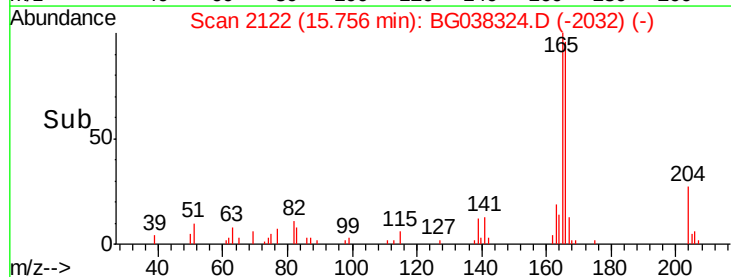
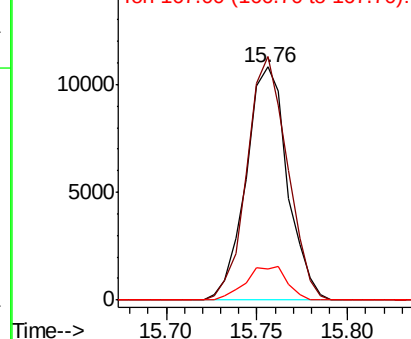
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.6	79.0	118.6
167	13.2	11.3	16.9

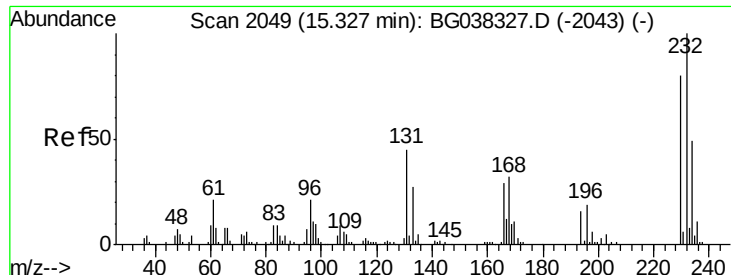


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





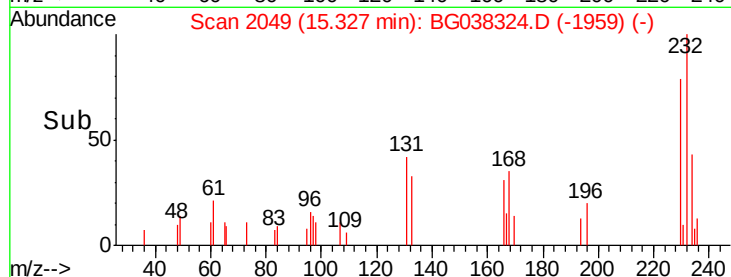
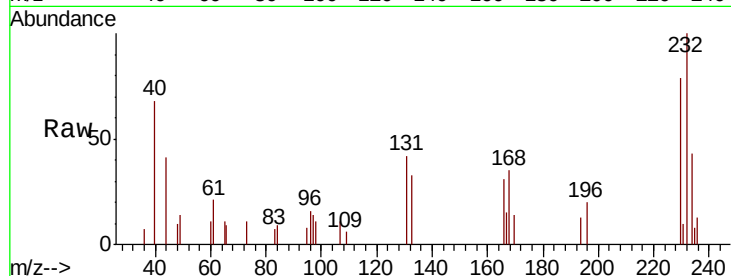
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.166 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

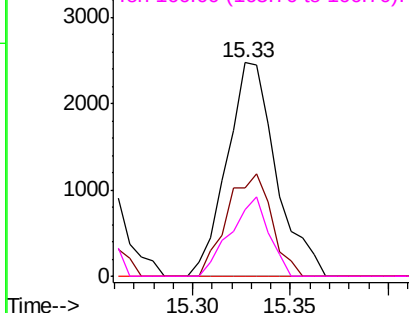
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		4308		
131	43.6	33.7	50.5		
130	0.0	2.1	3.1		
166	28.9	24.6	36.8		

Manual Integrations
 APPROVED

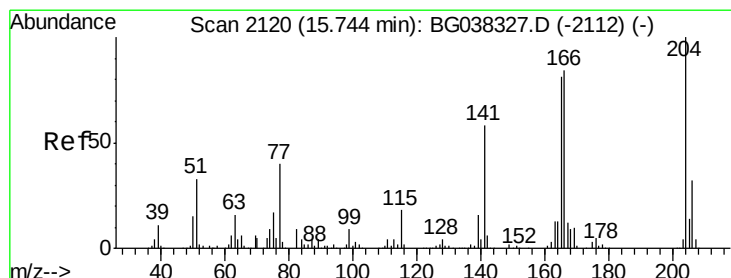
mohammad



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

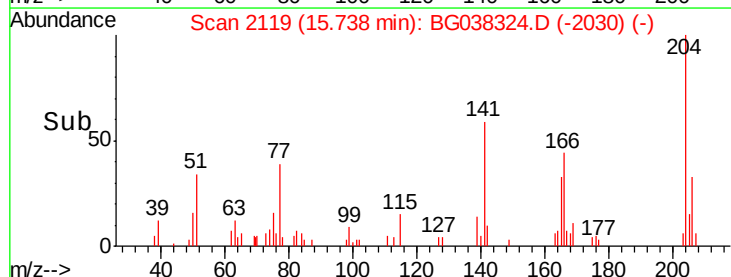
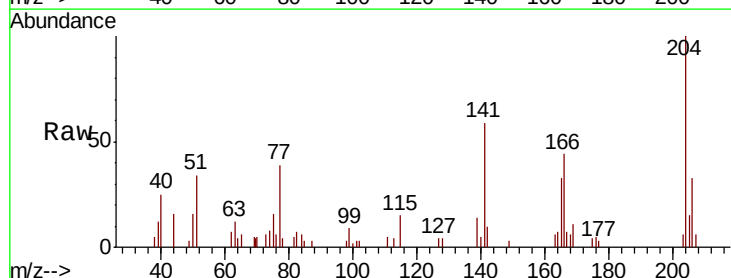


12/6/2018 10:32:40 AM

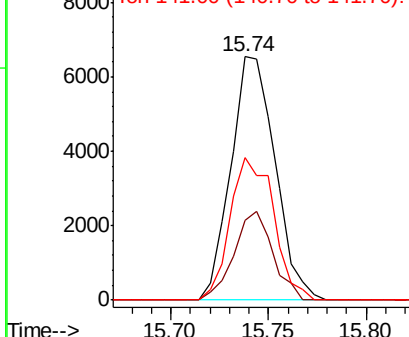


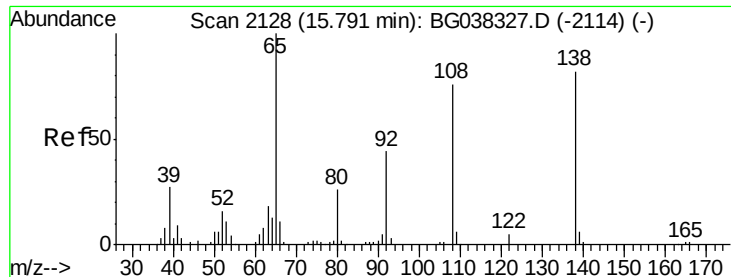
#61
 4-Chlorophenyl-phenylether
 Concen: 2.473 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		10282		
206	32.5	26.6	39.8		
141	58.6	45.4	68.2		



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 1.898 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

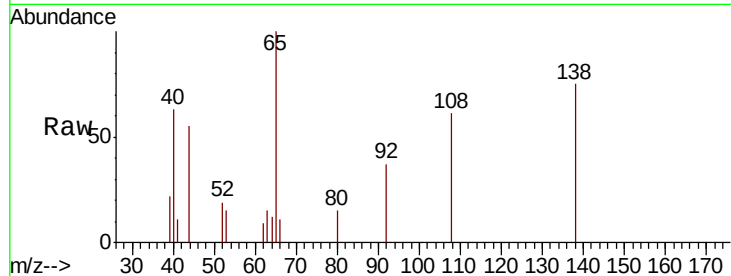
ClientSampleId :

SSTDICC2.5

Tot Ion:	138	Resp:	3704
Ion	Ratio	Lower	Upper
138	100		
92	49.3	36.4	76.4
108	80.7	60.1	100.1

Manual Integrations
APPROVED

mohammad

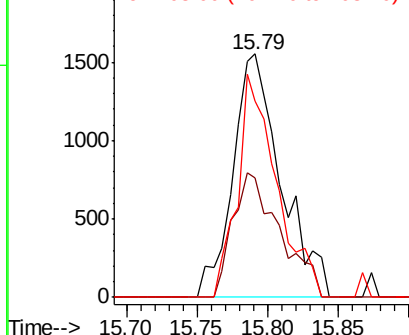


Abundance

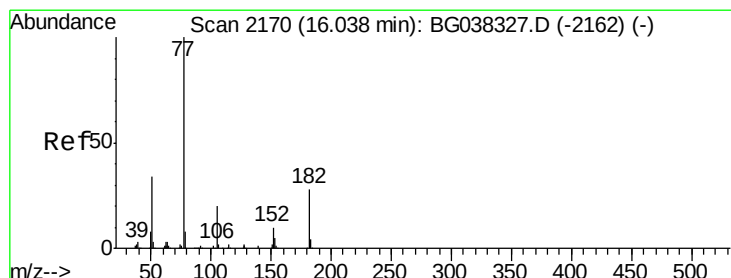
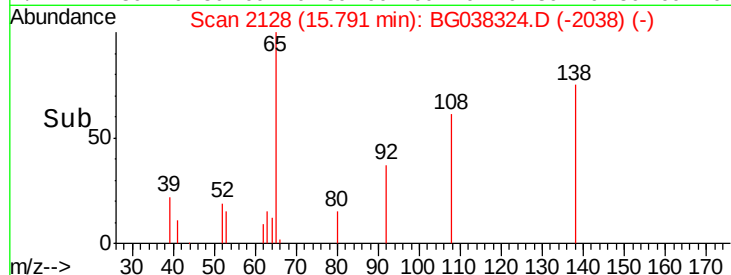
Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



12/6/2018 10:32:40 AM



#63

Azobenzene

Concen: 2.481 ng

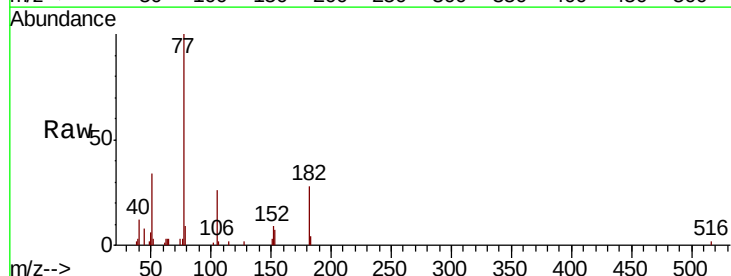
RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	77	Resp:	18535
Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.0	48.0
105	25.6	1.3	41.3
51	34.0	10.7	50.7



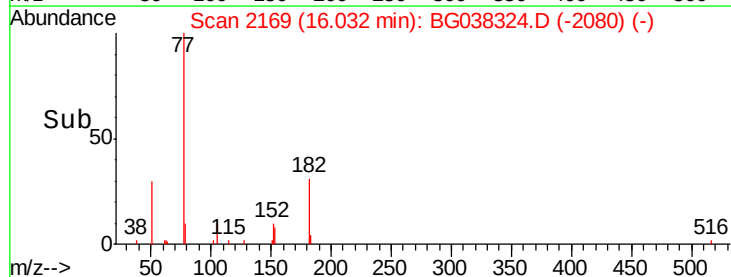
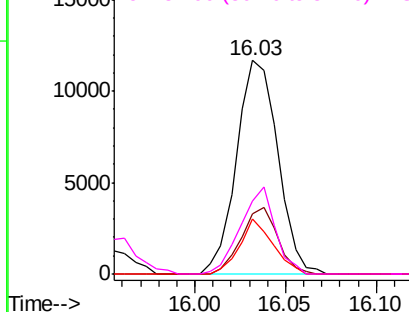
Abundance

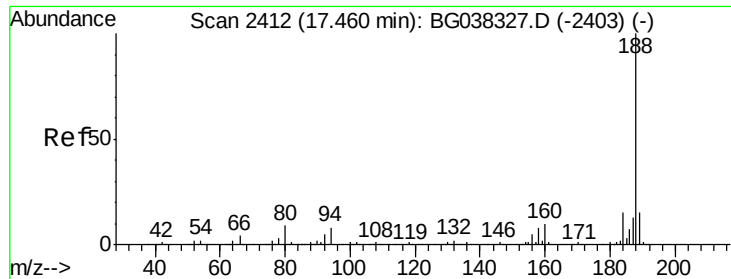
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





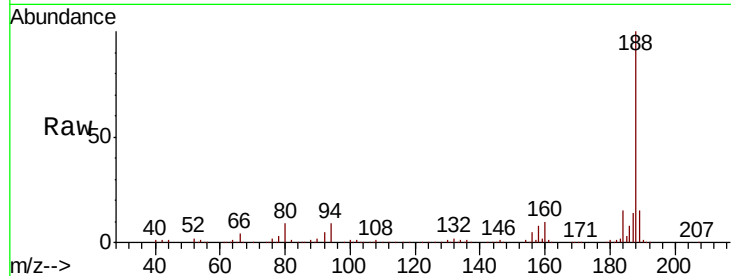
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	252487		
94	8.8		7.2	10.8
80	9.3		7.7	11.5

Manual Integrations
APPROVED

mohammad

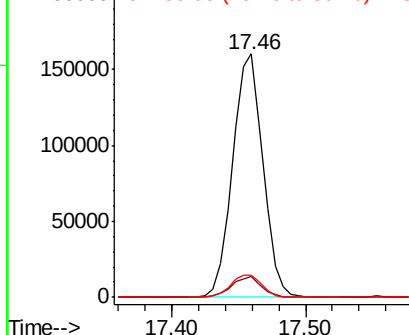


Abundance

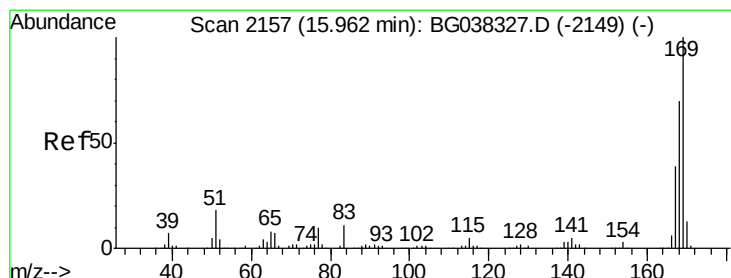
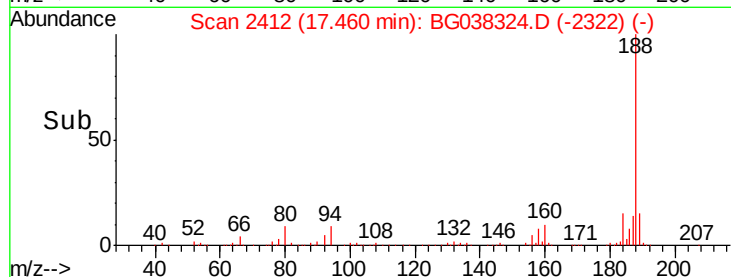
Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



12/6/2018 10:32:40 AM



#66
n-Nitrosodiphenylamine
Concen: 2.137 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

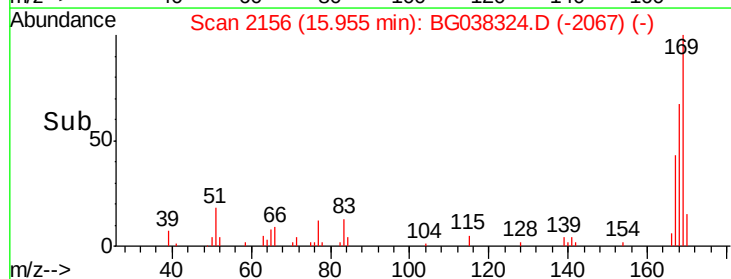
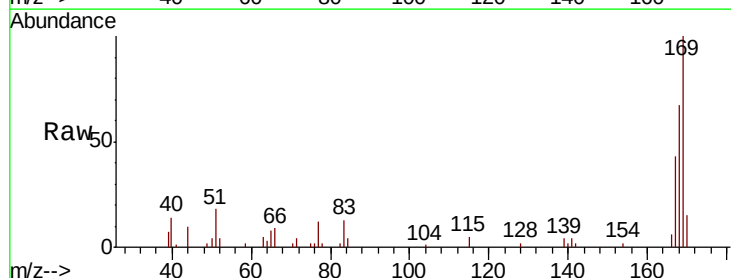
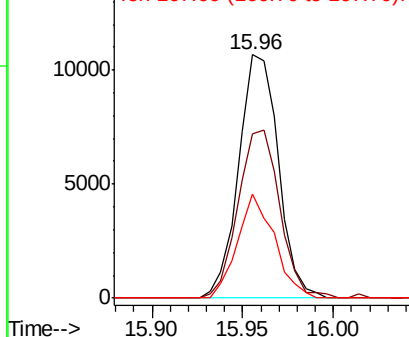
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	16325		
168	67.3		55.7	83.5
167	42.5		31.3	46.9

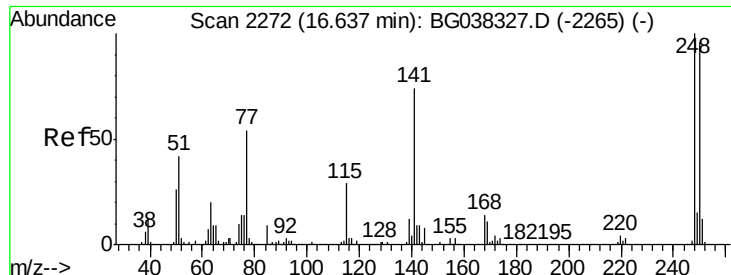
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 2.220 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

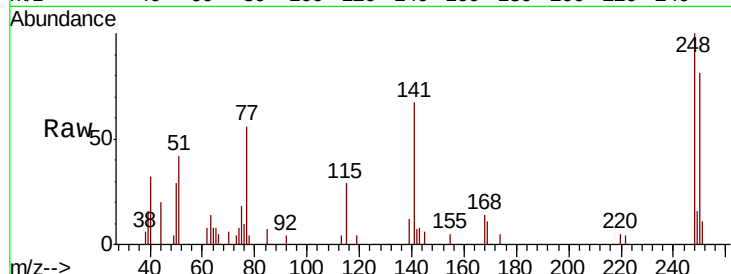
ClientSampled :

SSTDICC2.5

Tot Ion:	248	Resp:	6151
Ion Ratio	Lower	Upper	
248	100		
250	80.9	77.0	115.6
141	67.4	55.5	83.3

Manual Integrations
APPROVED

mohammad

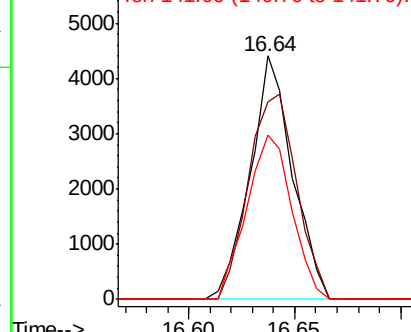


Abundance

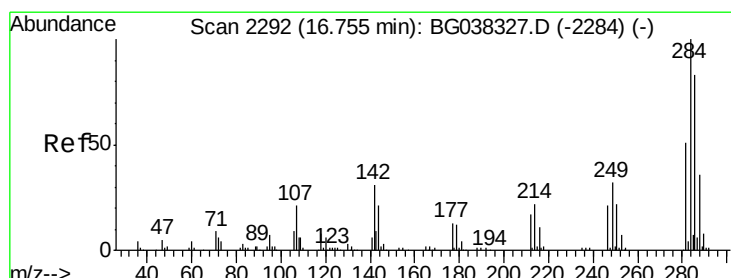
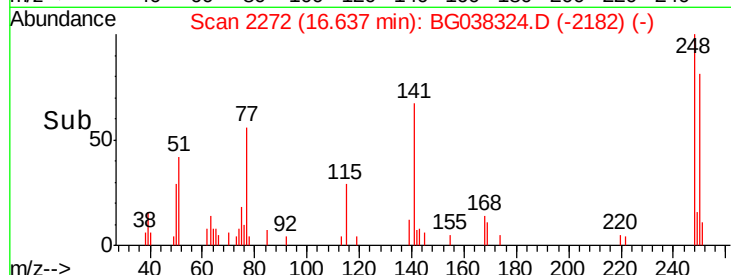
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



12/6/2018 10:32:40 AM



#68

Hexachlorobenzene

Concen: 2.367 ng

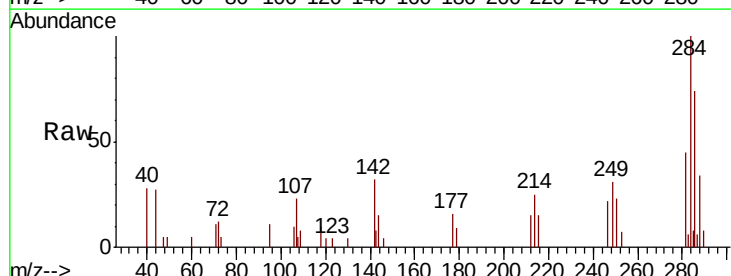
RT: 16.75 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	284	Resp:	6772
Ion Ratio	Lower	Upper	
284	100		
142	31.9	28.1	42.1
249	31.2	29.8	44.8

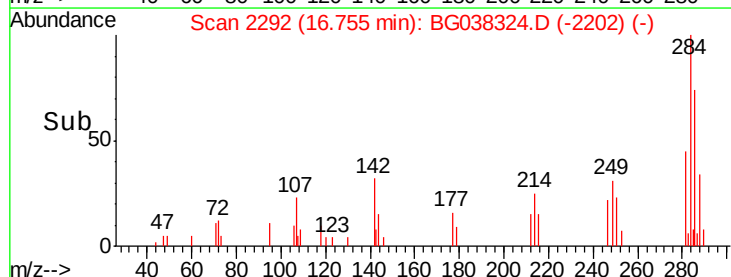
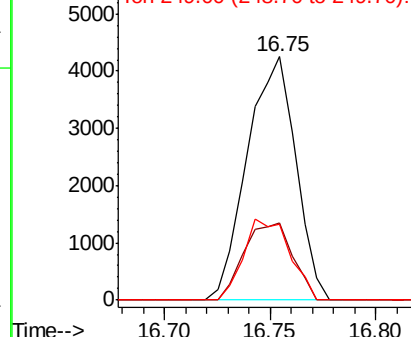


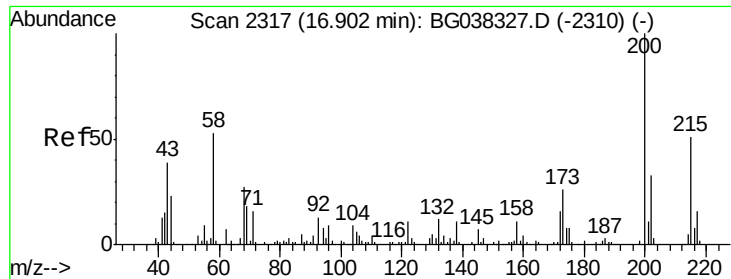
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





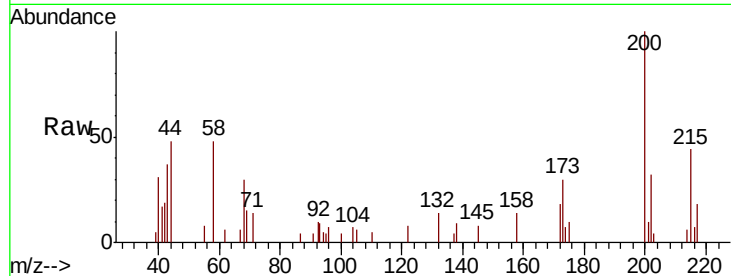
#69
Atrazine
Concen: 2.193 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.0	6.1	46.1
215	43.9	30.8	70.8

Manual Integrations
APPROVED

mohammad

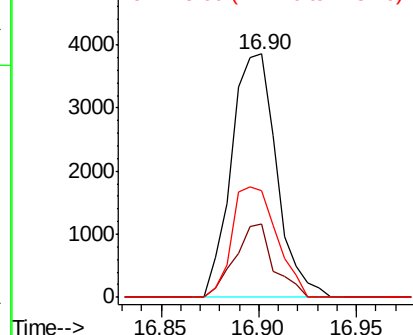


Abundance

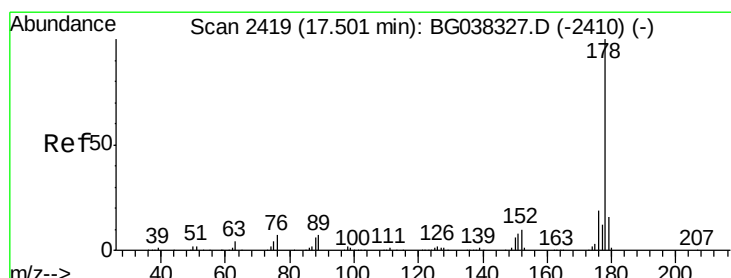
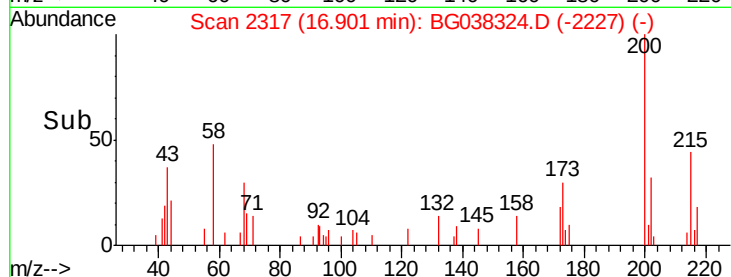
Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

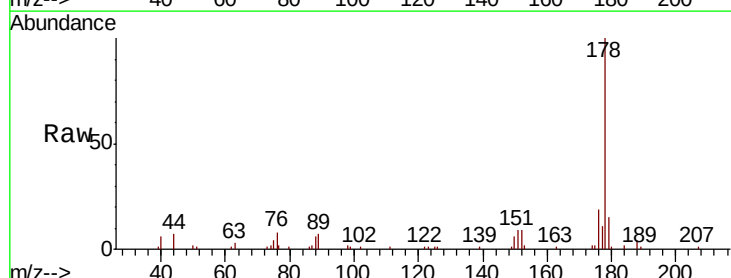


12/6/2018 10:32:40 AM



#71
Phenanthrene
Concen: 2.468 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	15.0	13.0	19.4

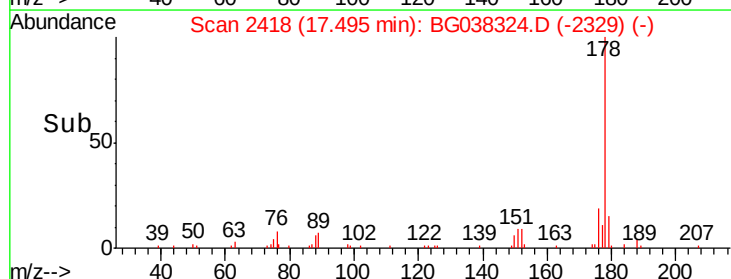
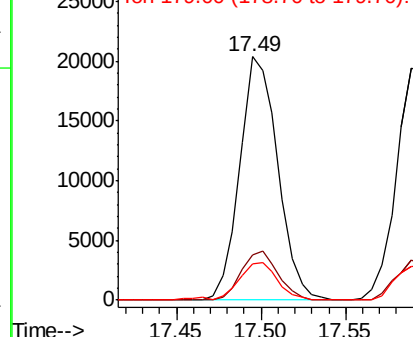


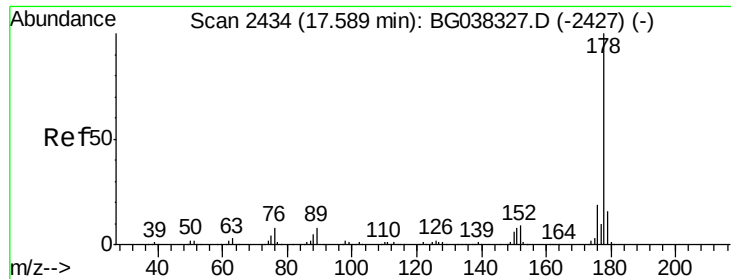
Abundance

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





#72

Anthracene

Concen: 2.378 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

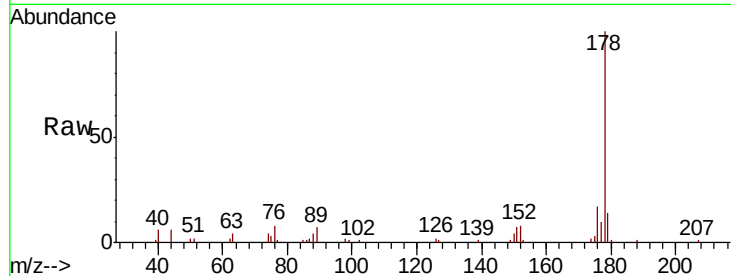
ClientSampleId :

SSTDICC2.5

Tot Ion:	178	Resp:	30302
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.0	22.4
179	14.4	12.8	19.2

Manual Integrations
APPROVED

mohammad

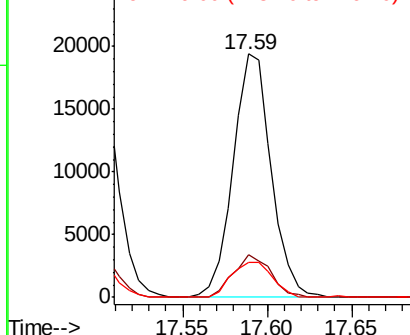


Abundance

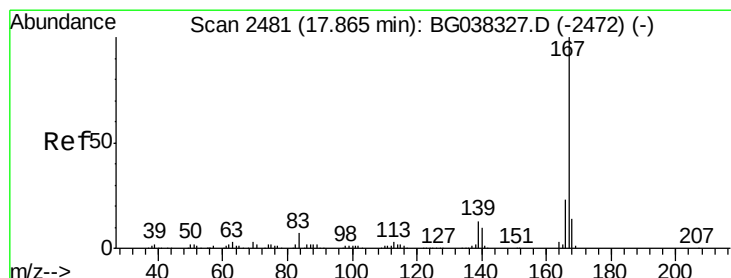
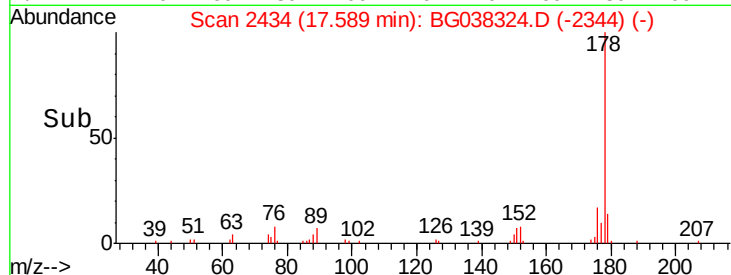
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



12/6/2018 10:32:40 AM



#73

Carbazole

Concen: 2.382 ng

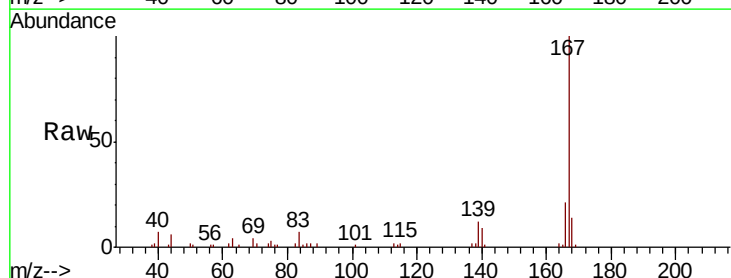
RT: 17.86 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	167	Resp:	30456
Ion Ratio	Lower	Upper	
167	100		
166	20.9	18.3	27.5
139	11.9	10.5	15.7

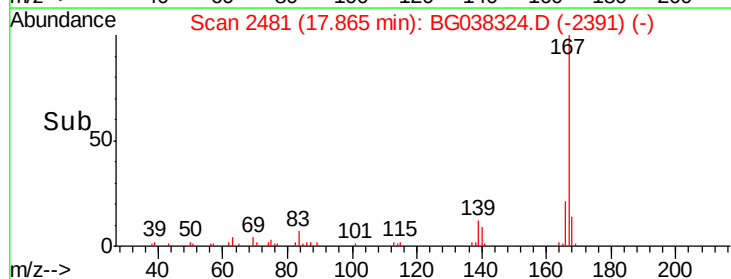
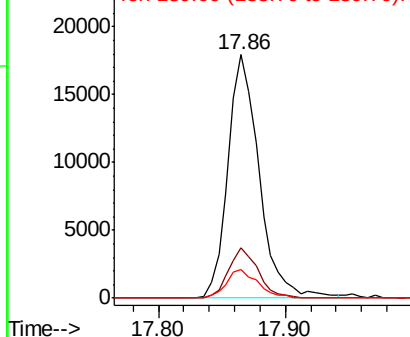


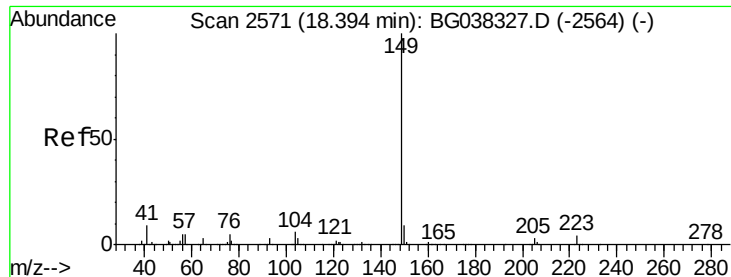
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 2.364 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

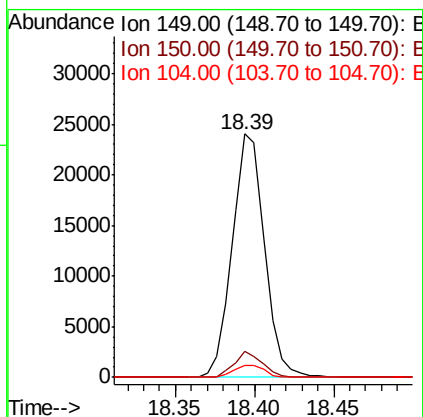
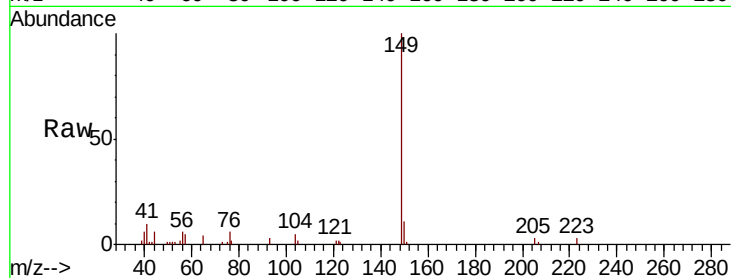
ClientSampleId :

SSTDICC2.5

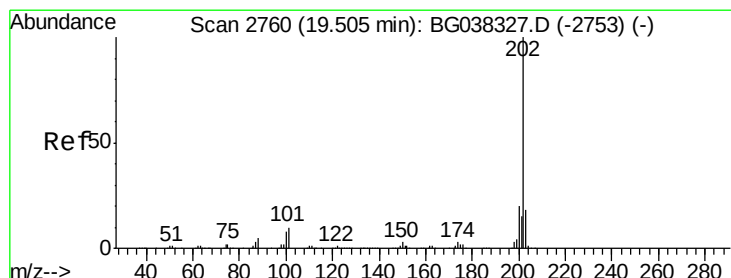
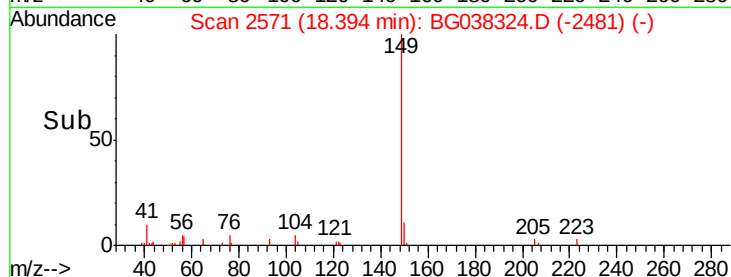
Tot Ion:	149	Resp:	33920
Ion Ratio	Lower	Upper	
149	100		
150	10.8	8.2	12.2
104	5.1	4.0	6.0

Manual Integrations
APPROVED

mohammad



12/6/2018 10:32:40 AM



#75

Fluoranthene

Concen: 2.513 ng

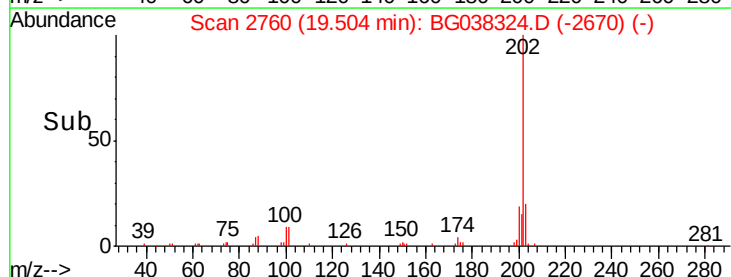
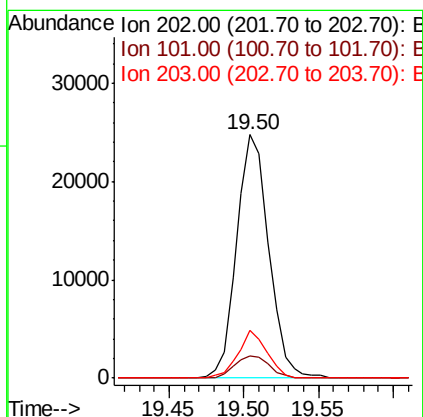
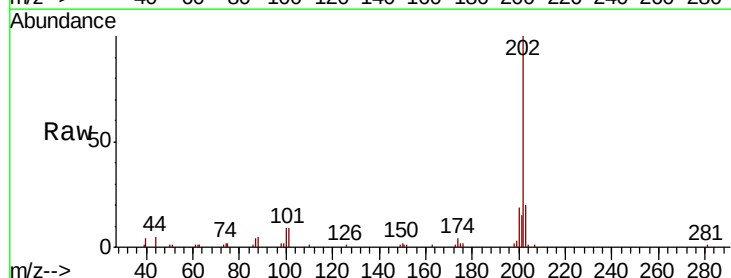
RT: 19.50 min Scan# 2760

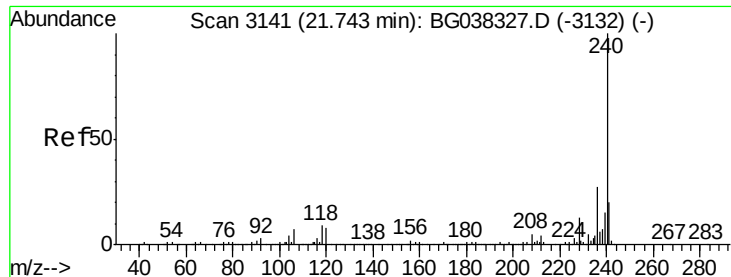
Delta R.T. -0.00 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Tgt Ion:	202	Resp:	37070
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.7
203	19.5	0.0	38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038324.D

Acq: 4 Dec 2018 11:24

Instrument :

BNA_G

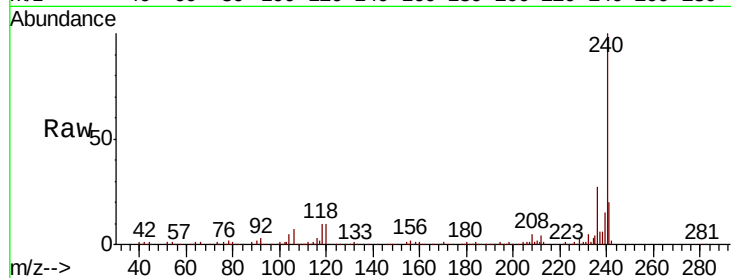
ClientSampleId :

SSTDICC2.5

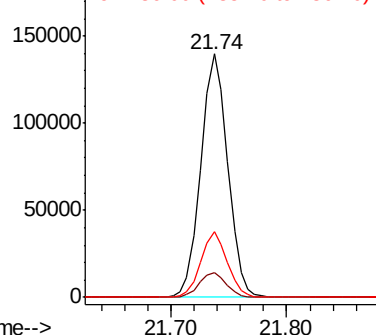
Tot Ion:	240	Resp:	225371
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.1	12.1
236	26.9	21.4	32.0

Manual Integrations
APPROVED

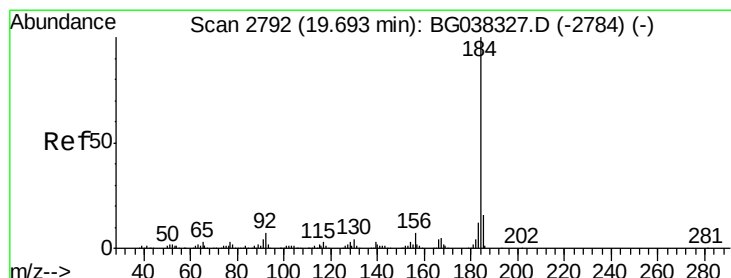
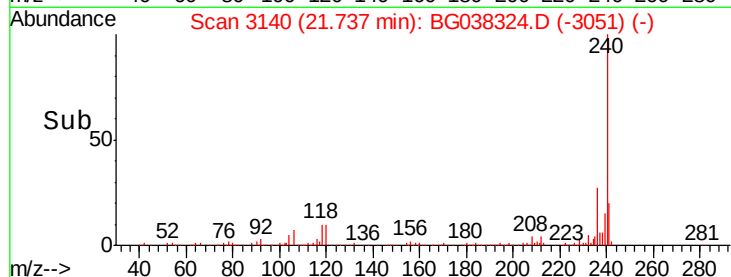
mohammad



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



12/6/2018 10:32:40 AM



#77

Benzidine

Concen: 2.475 ng

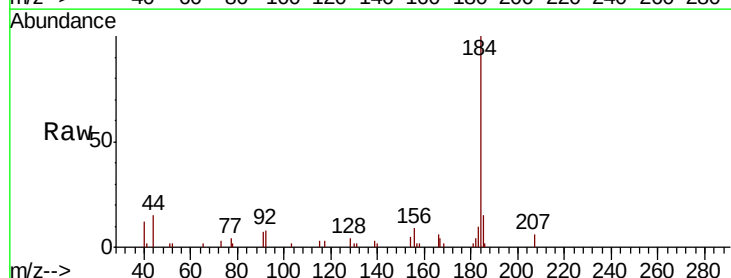
RT: 19.70 min Scan# 2793

Delta R.T. 0.01 min

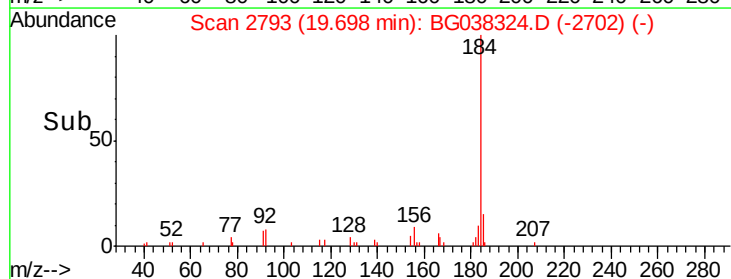
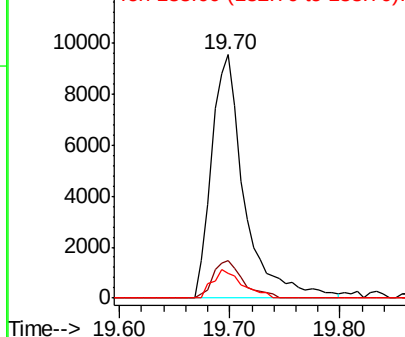
Lab File: BG038324.D

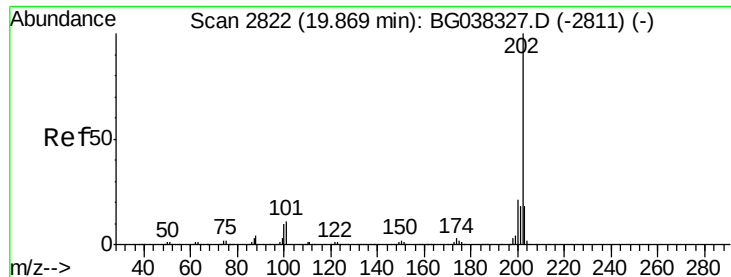
Acq: 4 Dec 2018 11:24

Tgt Ion:	184	Resp:	19573
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	9.9	10.2	15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





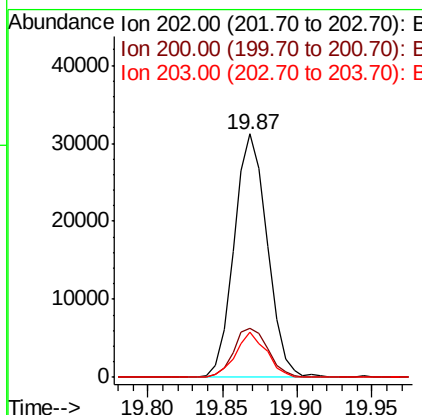
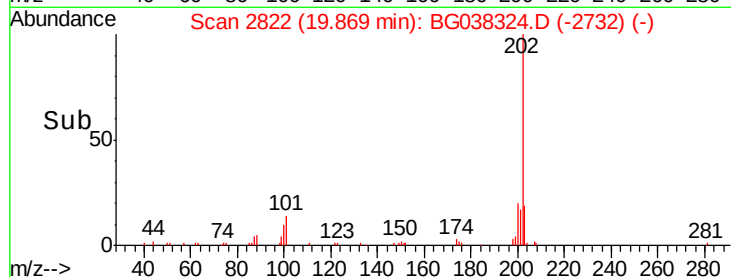
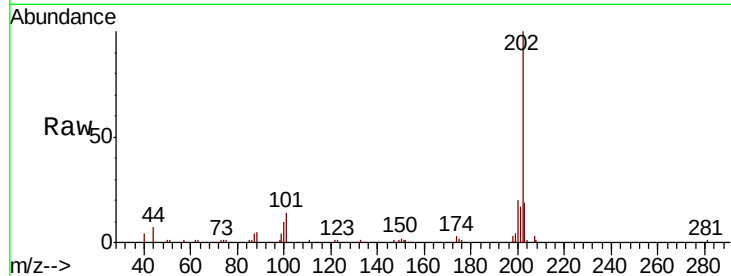
#78
Pvrene
Concen: 3.273 ng
RT: 19.87 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

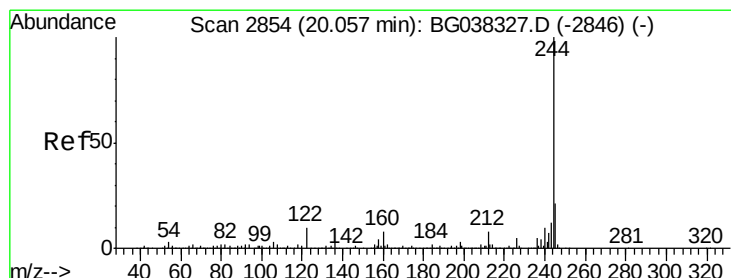
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		48231		
200	20.0	17.8	26.6		
203	18.8	15.2	22.8		

Manual Integrations
APPROVED

mohammad

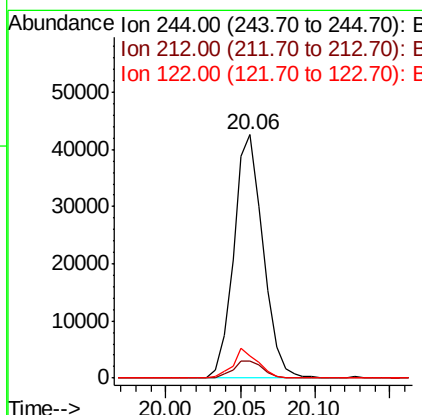
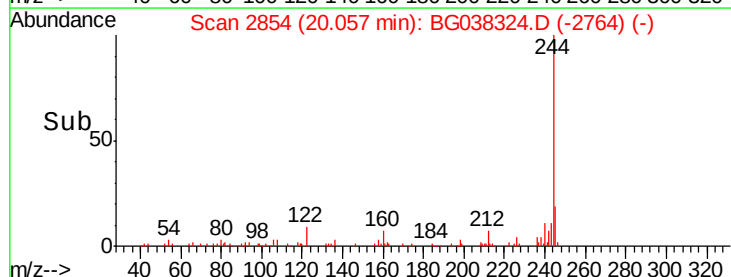
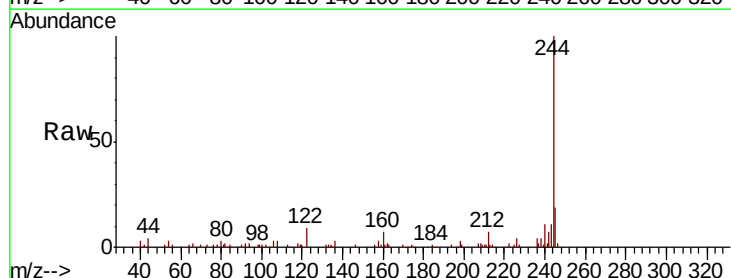


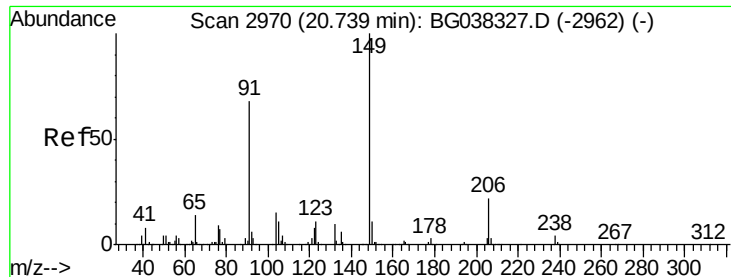
12/6/2018 10:32:40 AM



#79
Terphenyl-d14
Concen: 6.076 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		58193		
212	7.1	6.5	9.7		
122	9.0	9.0	13.4		





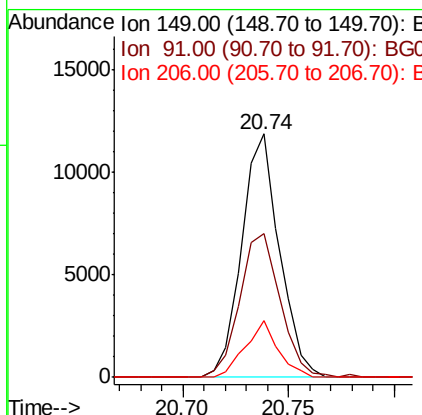
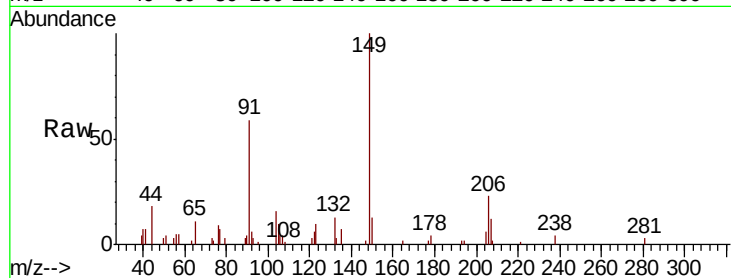
#80
Butylbenzylphthalate
Concen: 2.290 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

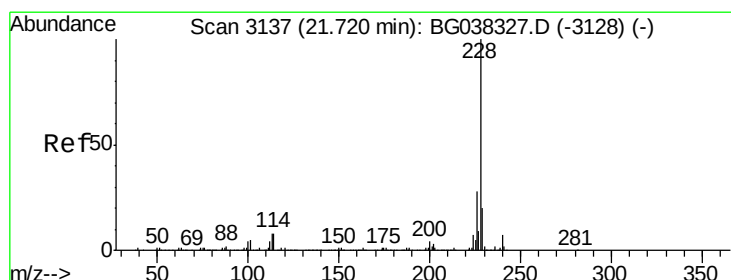
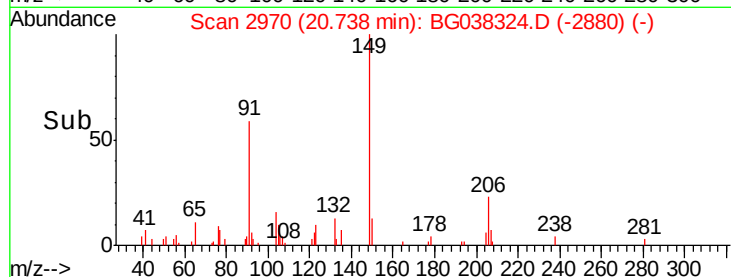
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.2	57.0	85.4
206	23.0	17.8	26.6

Manual Integrations
APPROVED

mohammad

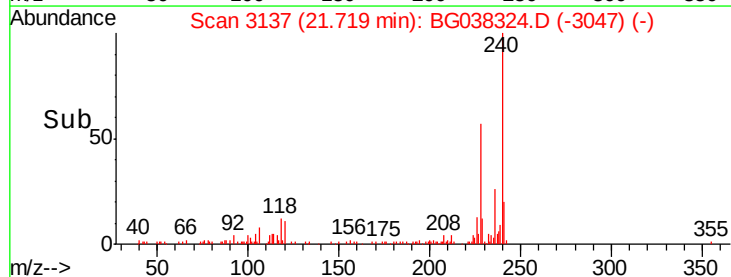
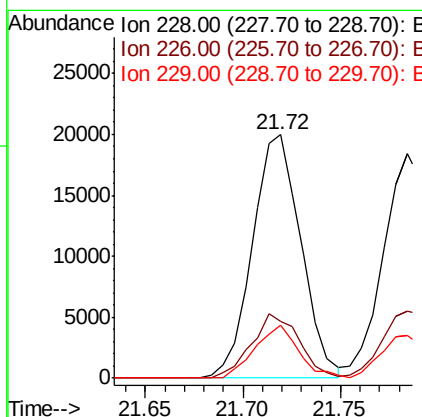
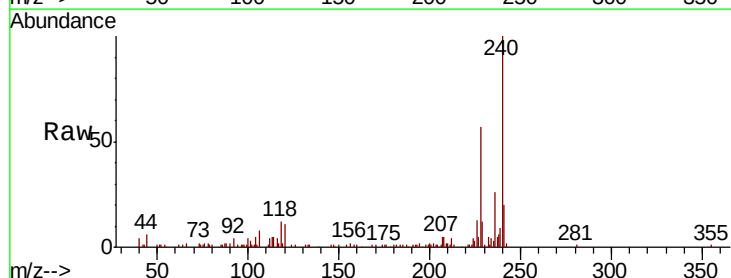


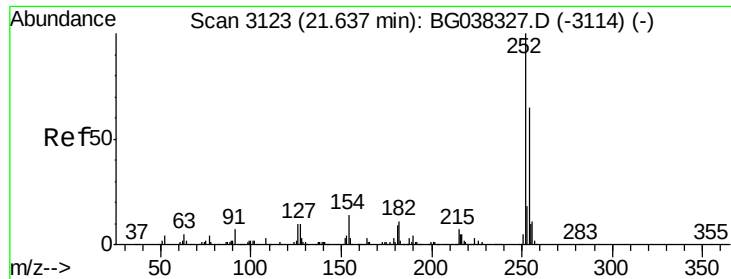
12/6/2018 10:32:40 AM



#81
Benzo(a)anthracene
Concen: 2.516 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.5	22.6	33.8
229	21.8	16.3	24.5





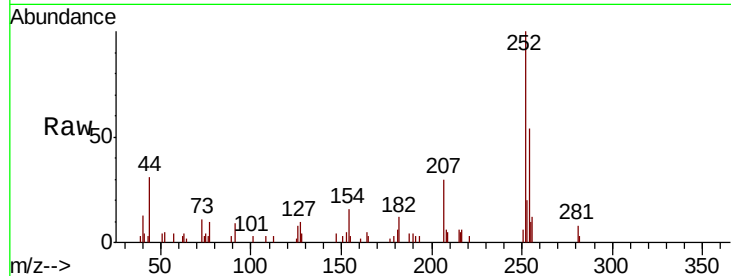
#82
 3,3'-Dichlorobenzidine
 Concen: 2.233 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
254	54.1	52.0	78.0
126	7.9	8.2	12.4

Manual Integrations
 APPROVED

mohammad

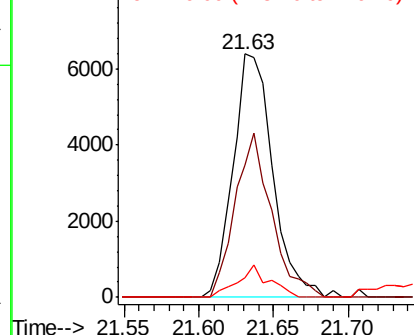


Abundance

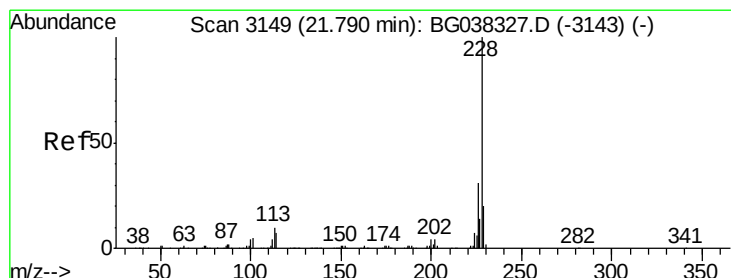
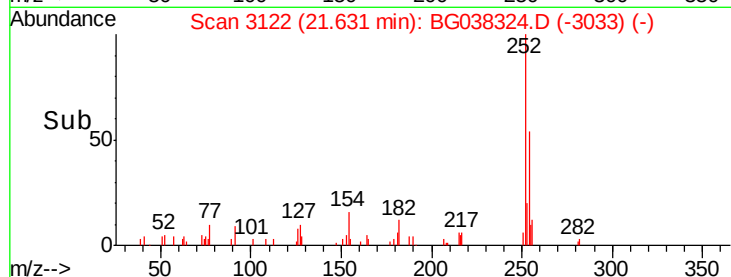
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



12/6/2018 10:32:40 AM



#83
 Chrysene
 Concen: 2.443 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

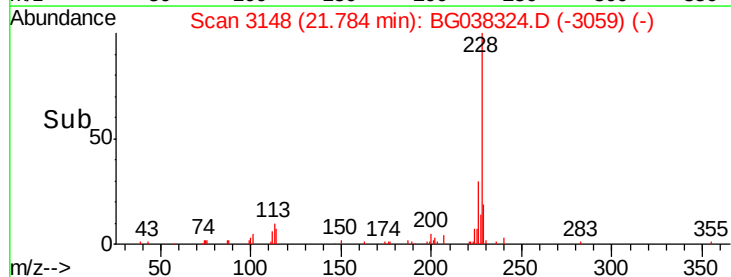
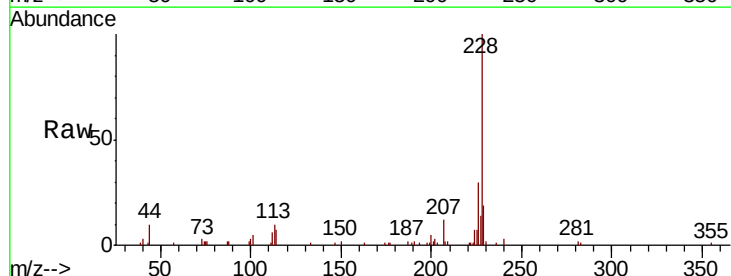
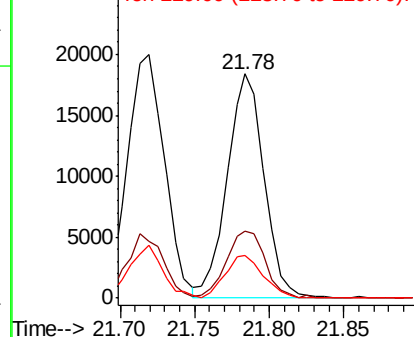
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	19.0	16.5	24.7

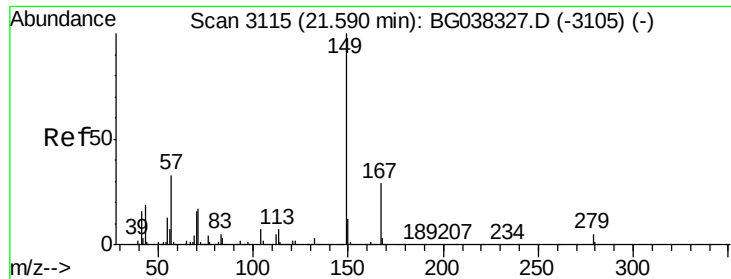
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





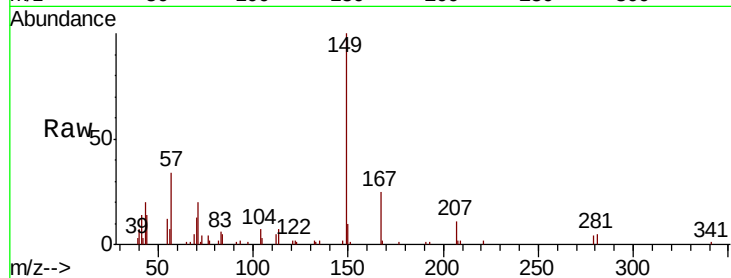
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.272 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
149	100	20878		
167	24.9		23.0	34.4
279	3.9		3.6	5.4

Manual Integrations
 APPROVED

mohammad

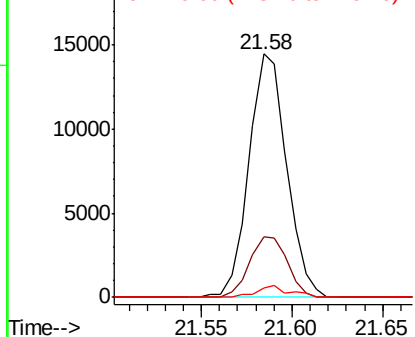


Abundance

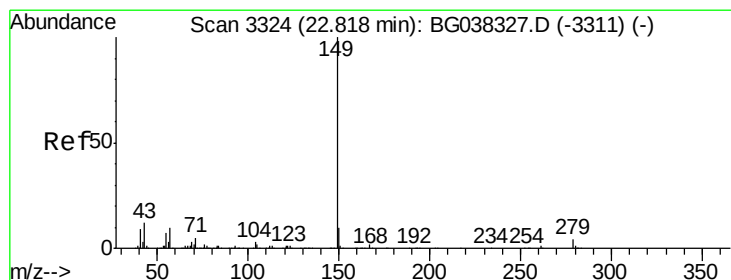
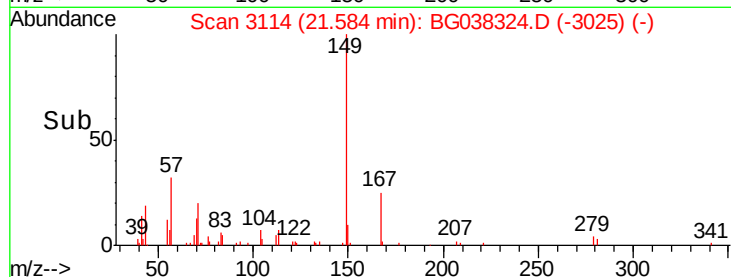
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

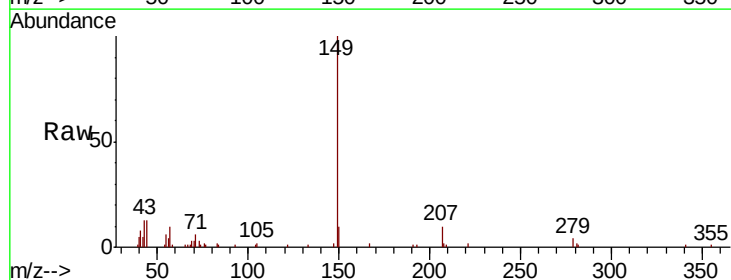


12/6/2018 10:32:40 AM



#85
 Di-n-octyl phthalate
 Concen: 2.201 ng
 RT: 22.82 min Scan# 3324
 Delta R.T. -0.00 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	32723		
167	1.6		1.3	1.9
43	13.4		8.7	13.1#

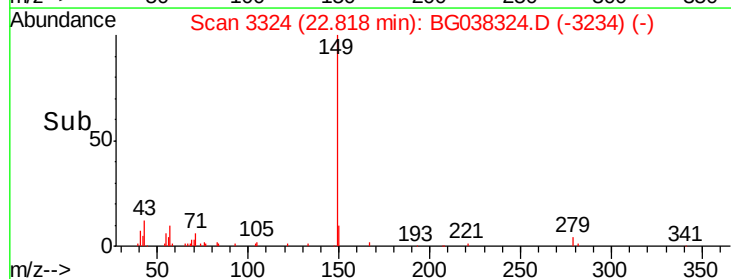
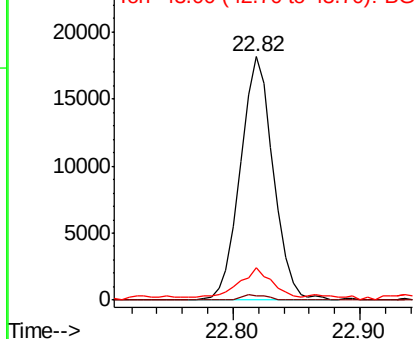


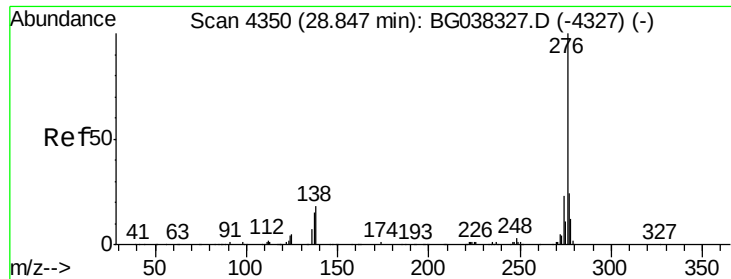
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





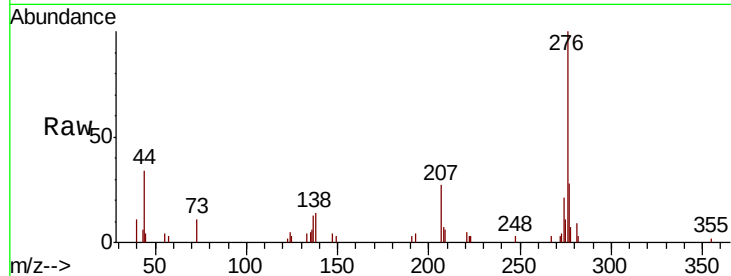
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.152 ng
RT: 28.82 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	22.5	20.6	30.8

Manual Integrations
APPROVED

mohammad

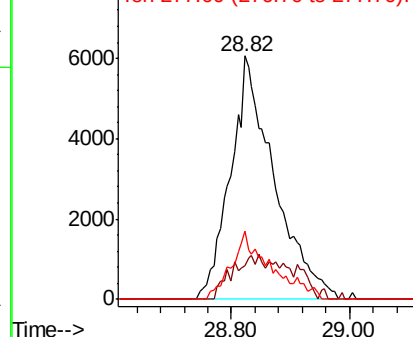


Abundance

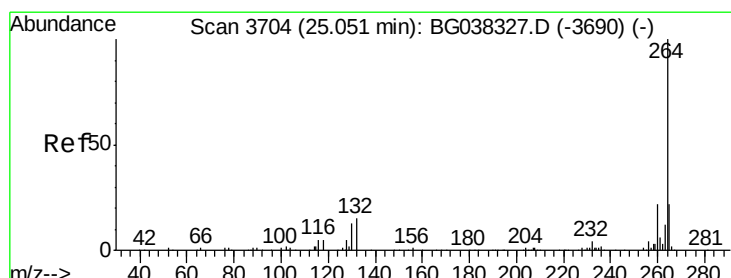
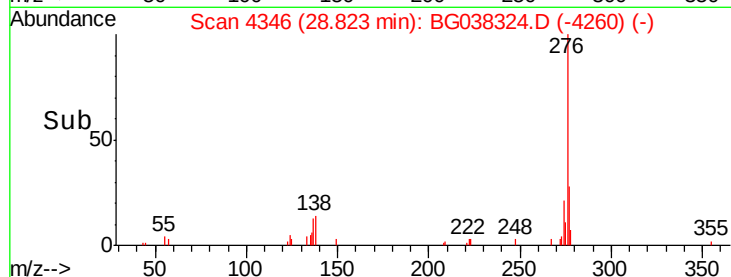
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

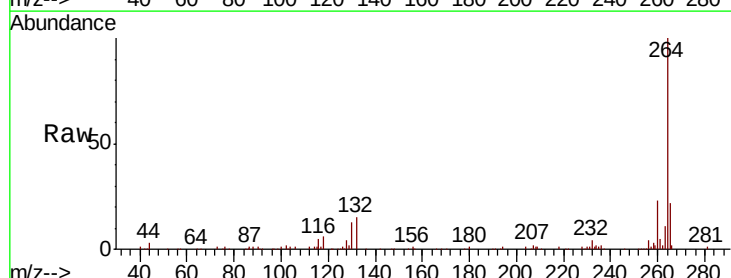


12/6/2018 10:32:40 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.8	17.9	26.9

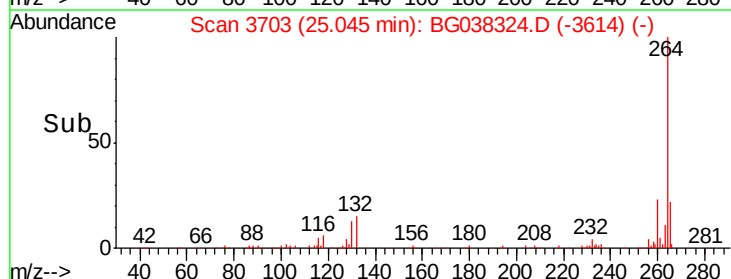
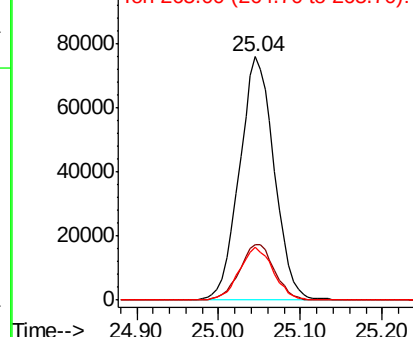


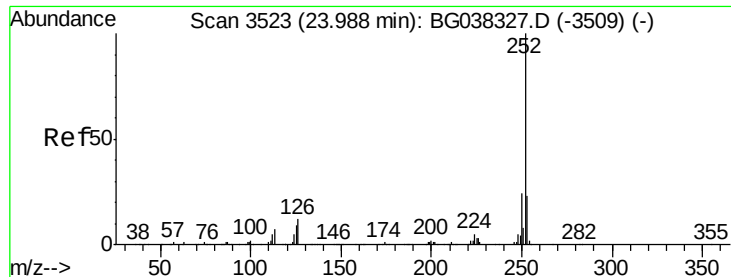
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





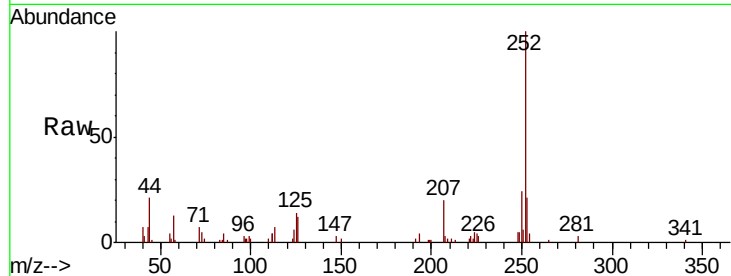
#88
Benzo(b)fluoranthene
Concen: 2.640 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	14.4	7.8	11.6

Manual Integrations
APPROVED

mohammad

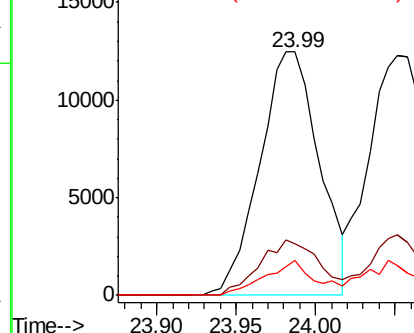


Abundance

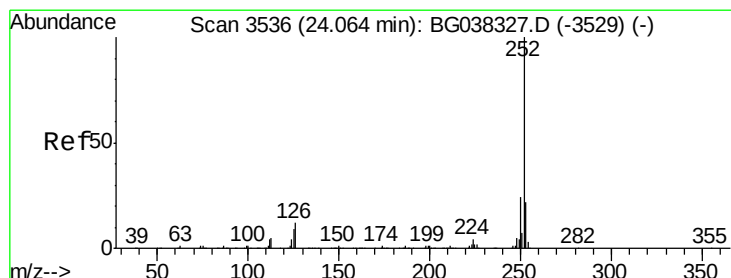
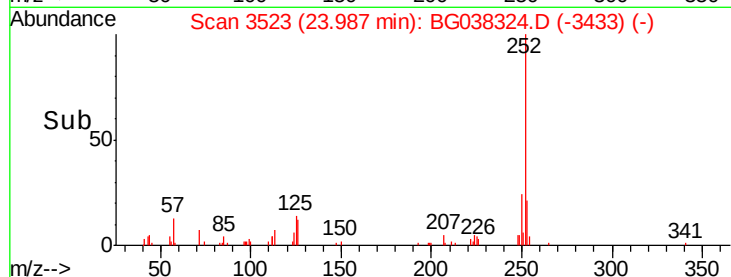
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

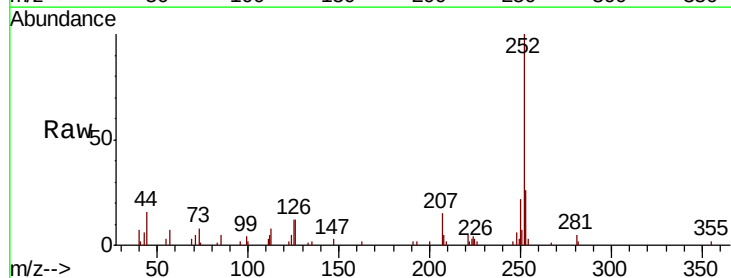


12/6/2018 10:32:40 AM



#89
Benzo(k)fluoranthene
Concen: 2.841 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	12.4	7.4	11.0

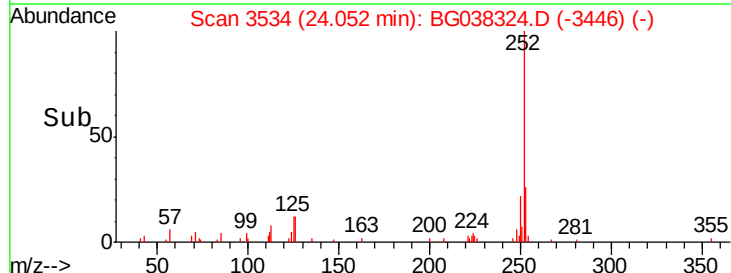
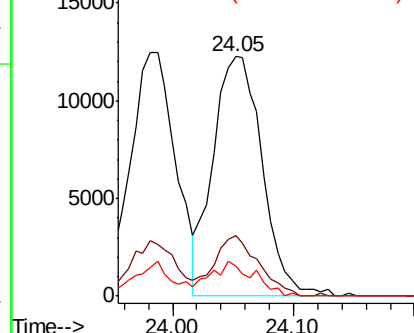


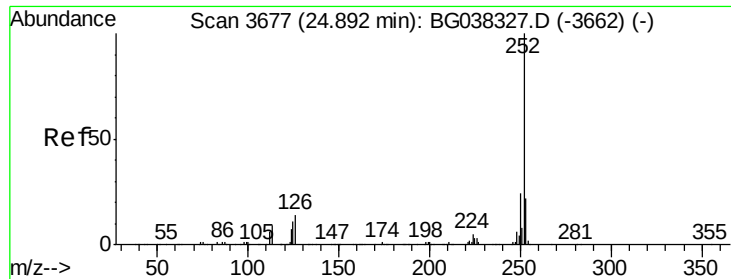
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





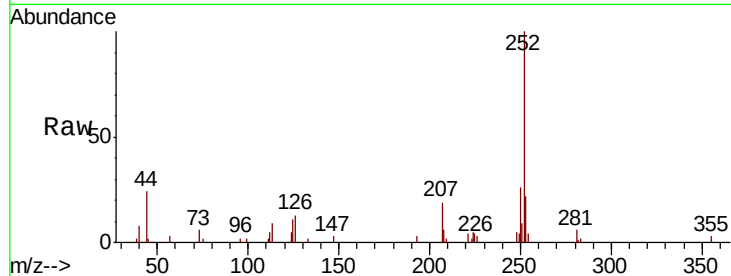
#90
Benzo(a)pyrene
Concen: 2.507 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Instrument :
BNA_G
ClientSampled :
SSTDICC2.5

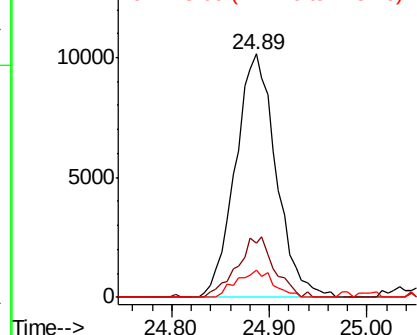
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		29562		
253	22.2	17.4	26.2		
125	11.0	9.0	13.6		

Manual Integrations
APPROVED

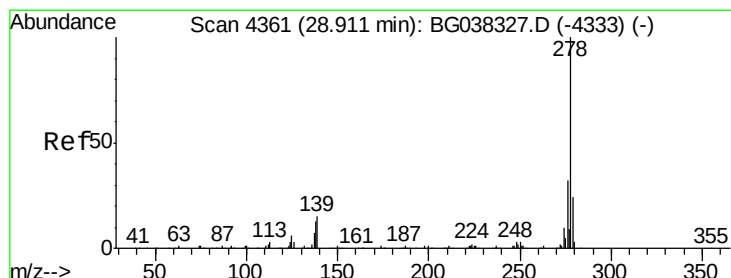
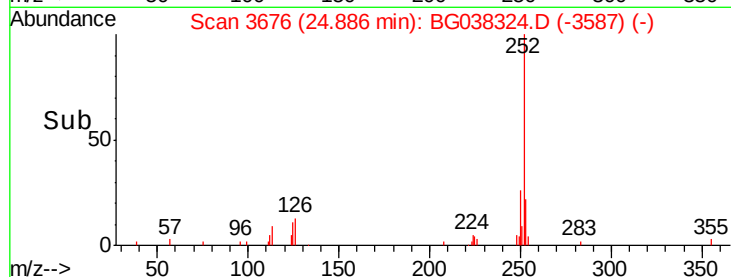
mohammad



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

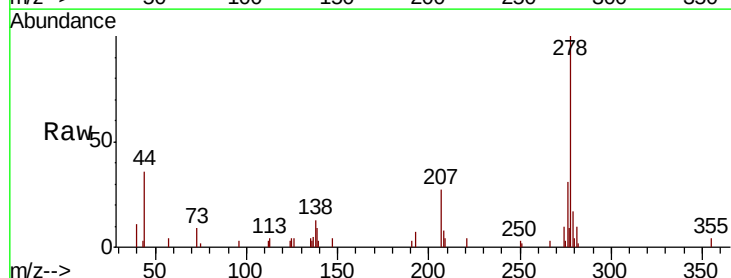


12/6/2018 10:32:40 AM

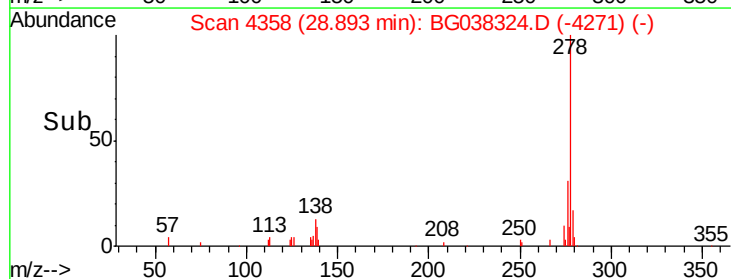
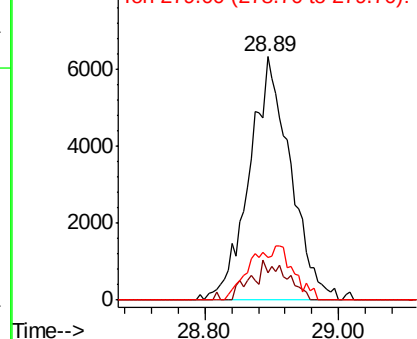


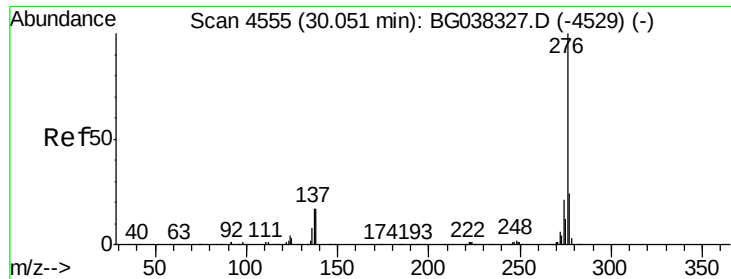
#91
Dibenzo(a,h)anthracene
Concen: 2.372 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG038324.D
Acq: 4 Dec 2018 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100		26912		
139	11.2	11.5	17.3#		
279	17.4	18.6	27.8#		



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





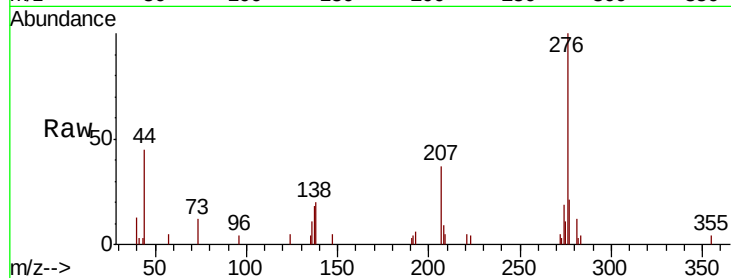
#92
 Benzo(a,h,i)perylene
 Concen: 2.310 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.02 min
 Lab File: BG038324.D
 Acq: 4 Dec 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	276	Resp:	26060
Ion Ratio	Lower	Upper	
276	100		
277	20.7	18.9	28.3
138	20.3	17.2	25.8

Manual Integrations
 APPROVED

mohammad

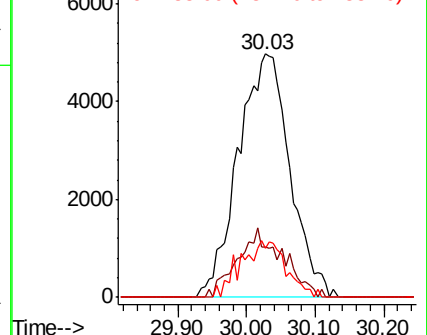
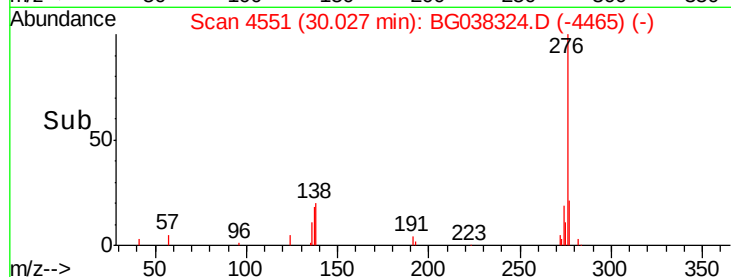


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



12/6/2018 10:32:40 AM