

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
 Data File : BG042908.D
 Acq On : 21 Sep 2019 12:32
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:13:23 AM

Quant Time: Sep 23 05:43:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 05:23:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69952	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	287072	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	202228	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	470772	20.00	ng	0.00
76) Chrysene-d12	21.72	240	487679	20.00	ng	0.00
87) Perylene-d12	24.95	264	556424	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	403241	100.29	ng	0.00
7) Phenol-d6	7.26	99	592884	102.91	ng	0.00
23) Nitrobenzene-d5	9.25	82	599318	107.72	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	323371	117.21	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1371615	106.39	ng	0.00
79) Terphenyl-d14	20.05	244	2294218	103.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	85456	47.544	ng	96
3) Pyridine	3.97	79	254641	47.129	ng	96
4) n-Nitrosodimethylamine	3.88	42	114784	43.791	ng	91
6) Aniline	7.41	93	360775	47.032	ng	99
8) 2-Chlorophenol	7.66	128	210033	48.741	ng	99
9) Benzaldehyde	7.22	77	174768	45.585	ng	97
10) Phenol	7.29	94	274094	46.924	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	214112	47.699	ng	99
12) 1,3-Dichlorobenzene	7.97	146	258940	49.184	ng	99
13) 1,4-Dichlorobenzene	8.12	146	259036	49.065	ng	99
14) 1,2-Dichlorobenzene	8.44	146	248844	49.500	ng	93
15) Benzyl Alcohol	8.33	79	222986	45.784	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	409379	42.217	ng	99
17) 2-Methylphenol	8.53	107	192603	49.037	ng	99
18) Hexachloroethane	9.17	117	96229	49.325	ng	86
19) n-Nitroso-di-n-propylamine	8.89	70	199463	47.510	ng	99
20) 3+4-Methylphenols	8.86	107	263282	48.584	ng	98
22) Acetophenone	8.91	105	373243	50.687	ng	96
24) Nitrobenzene	9.29	77	290336	50.418	ng	97
25) Isophorone	9.82	82	532751	47.016	ng	99
26) 2-Nitrophenol	10.00	139	121727	53.295	ng	96
27) 2,4-Dimethylphenol	10.06	122	185470	46.786	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	305565	48.125	ng	98
29) 2,4-Dichlorophenol	10.54	162	227962	49.207	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	286165	50.324	ng	99
31) Naphthalene	10.94	128	703699	49.784	ng	99
32) Benzoic acid	10.21	122	143363	47.642	ng	94
33) 4-Chloroaniline	11.05	127	316456	48.239	ng	97
34) Hexachlorobutadiene	11.23	225	205784	51.260	ng	98
35) Caprolactam	11.84	113	83566	48.744	ng	96
36) 4-Chloro-3-methylphenol	12.17	107	252569	49.999	ng	96
37) 2-Methylnaphthalene	12.54	142	542585	51.302	ng	99
38) 1-Methylnaphthalene	12.76	142	505038	50.878	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	364205	52.407	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
 Data File : BG042908.D
 Acq On : 21 Sep 2019 12:32
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

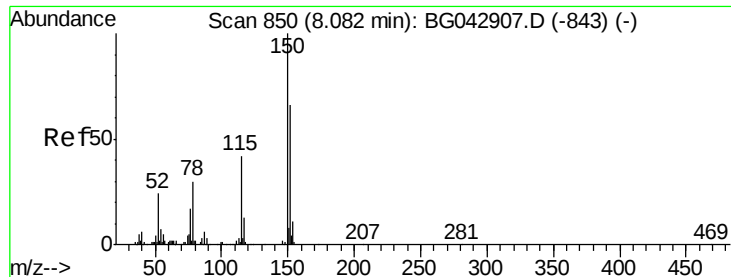
Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:13:23 AM

Quant Time: Sep 23 05:43:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 05:23:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	230616	58.590	nq	95
43) 2,4,6-Trichlorophenol	13.14	196	221710	49.995	nq	93
44) 2,4,5-Trichlorophenol	13.21	196	230962	50.773	nq	94
46) 1,1'-Biphenyl	13.54	154	755705	51.865	nq	100
47) 2-Chloronaphthalene	13.58	162	574883	49.160	nq	96
48) 2-Nitroaniline	13.78	65	199514	49.426	nq	93
49) Acenaphthylene	14.42	152	883786	49.587	nq	99
50) Dimethylphthalate	14.16	163	743368	49.224	nq	99
51) 2,6-Dinitrotoluene	14.27	165	161238	51.792	nq	93
52) Acenaphthene	14.76	154	600764	51.111	nq	99
53) 3-Nitroaniline	14.61	138	170959	49.380	nq	93
54) 2,4-Dinitrophenol	14.80	184	96847	61.217	nq	98
55) Dibenzofuran	15.10	168	861234	49.779	nq	99
56) 4-Nitrophenol	14.92	139	129816	48.623	nq	98
57) 2,4-Dinitrotoluene	15.06	165	231601	55.404	nq	96
58) Fluorene	15.75	166	726499	50.314	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	232452m	52.432	nq	
60) Diethylphthalate	15.52	149	748247	48.861	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	432423	50.666	nq	99
62) 4-Nitroaniline	15.77	138	185328	49.712	nq	98
63) Azobenzene	16.03	77	724776	49.188	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	129139	62.145	nq	98
66) n-Nitrosodiphenylamine	15.95	169	635771	50.215	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	292803	51.409	nq	99
68) Hexachlorobenzene	16.75	284	317399	51.920	nq	94
69) Atrazine	16.90	200	263005	56.635	nq	100
70) Pentachlorophenol	17.10	266	190269	52.739	nq	97
71) Phenanthrene	17.49	178	1146610	50.983	nq	100
72) Anthracene	17.58	178	1143933	50.852	nq	97
73) Carbazole	17.84	167	1065814	50.169	nq	99
74) Di-n-butylphthalate	18.40	149	1255207	49.429	nq	98
75) Fluoranthene	19.49	202	1441584	49.693	nq	99
77) Benzidine	19.67	184	711093	51.790	nq	99
78) Pyrene	19.85	202	1471728	48.668	nq	99
80) Butylbenzylphthalate	20.74	149	581808	47.927	nq	94
81) Benzo(a)anthracene	21.70	228	1509918	49.032	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	609280	50.563	nq	100
83) Chrysene	21.76	228	1458680	49.789	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	812557	48.590	nq	97
85) Di-n-octyl phthalate	22.83	149	1352521	47.618	nq	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1822639	50.139	nq	# 96
88) Benzo(b)fluoranthene	23.92	252	1580062	48.814	nq	99
89) Benzo(k)fluoranthene	24.00	252	1527626	49.584	nq	98
90) Benzo(a)pyrene	24.80	252	1489391	48.968	nq	97
91) Dibenzo(a,h)anthracene	28.71	278	1515846	50.473	nq	99
92) Benzo(g,h,i)perylene	29.80	276	1463299	49.992	nq	99

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



#1

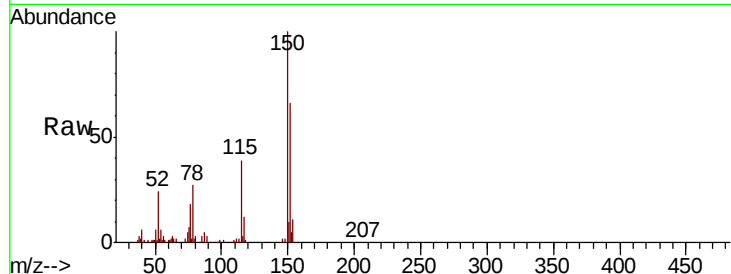
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.4	182.2
115	59.0	50.7	76.1

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

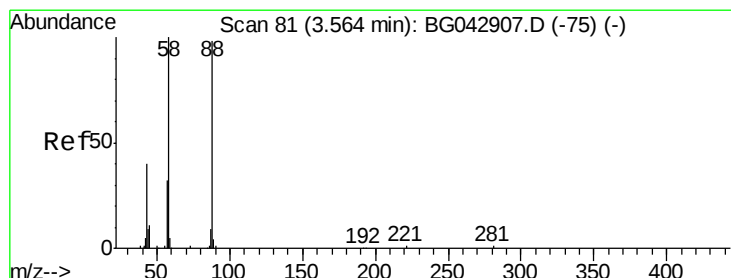
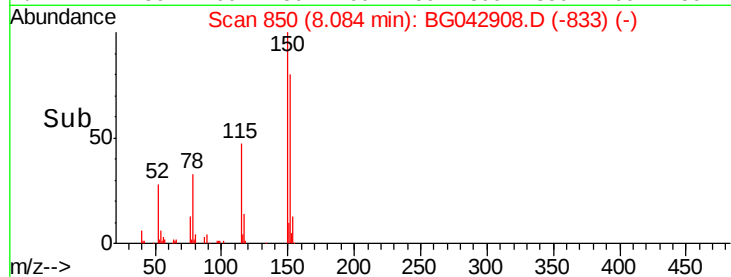
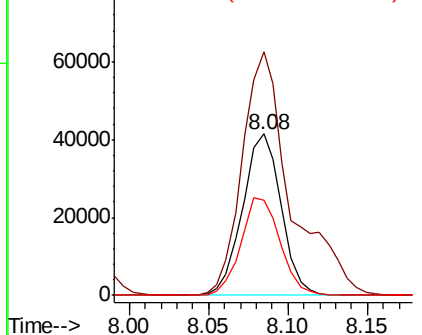


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

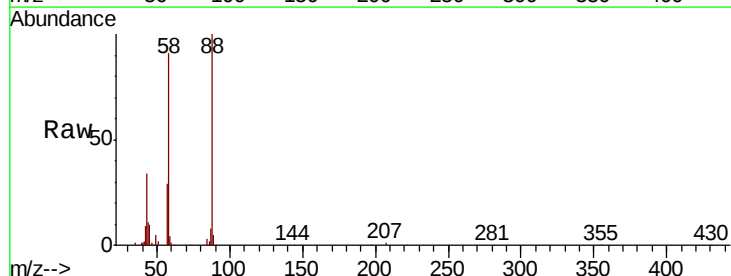
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.544 ng
RT: 3.57 min Scan# 81
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	76.0	114.0
43	34.5	31.3	46.9

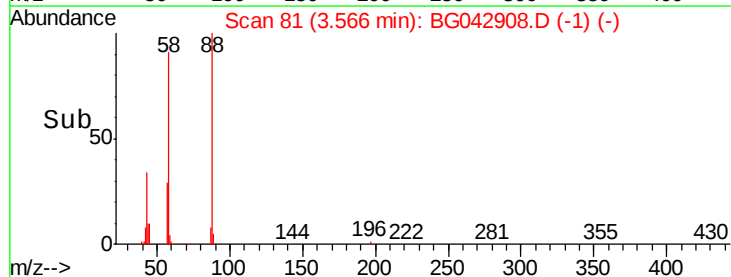
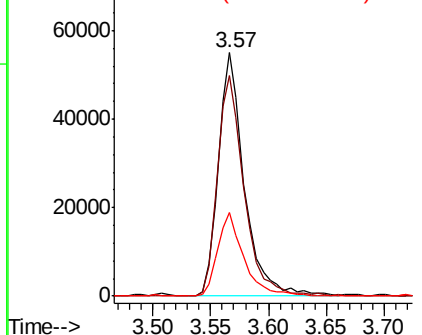


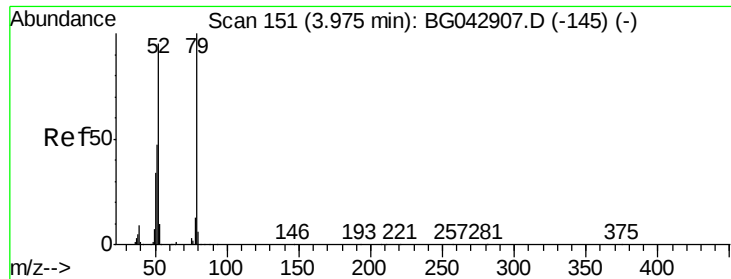
Abundance

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: 47.129 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

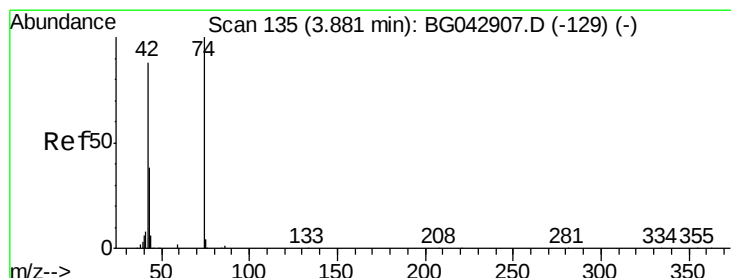
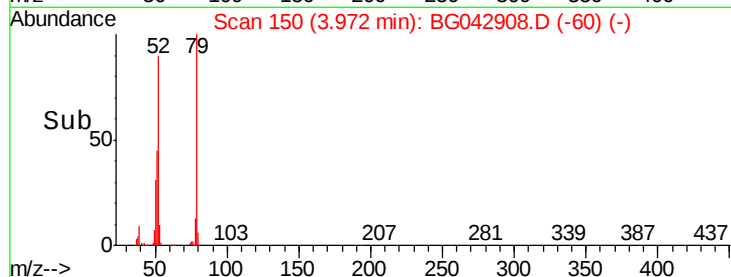
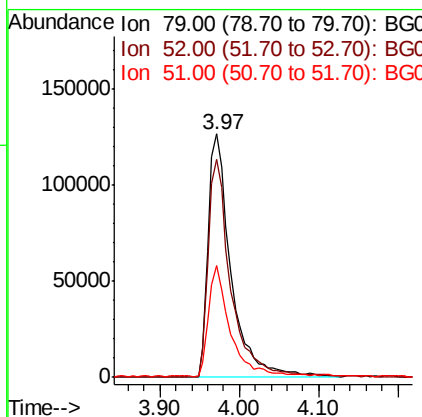
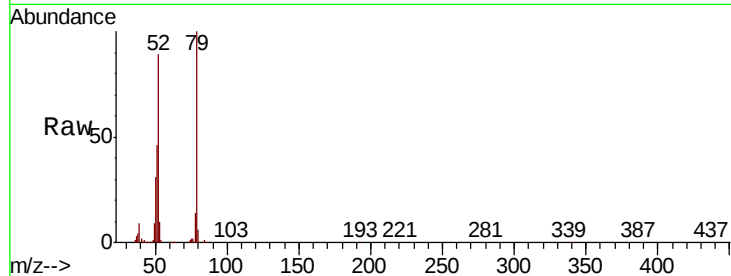
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	254641
Ion	Ratio	Lower	Upper
79	100		
52	89.4	75.8	113.6
51	46.1	37.7	56.5

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#4

n-Nitrosodimethylamine

Concen: 43.791 ng

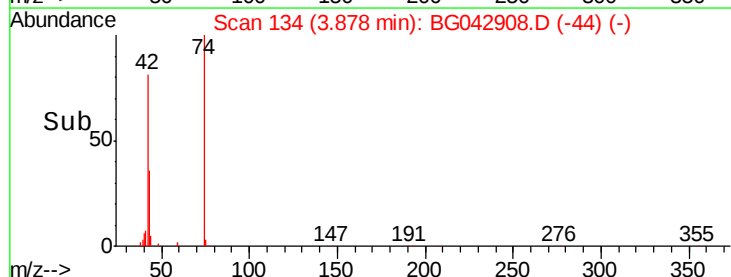
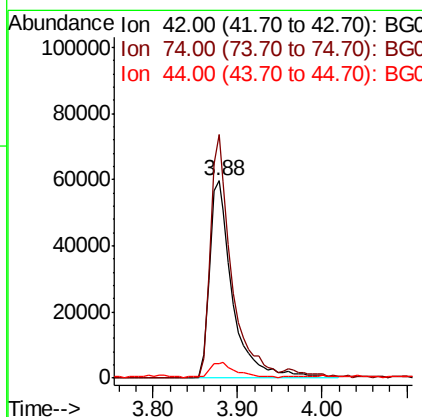
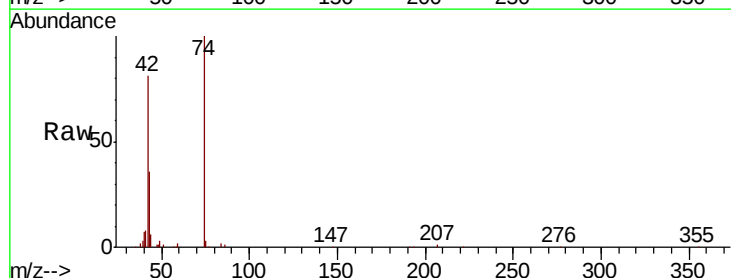
RT: 3.88 min Scan# 134

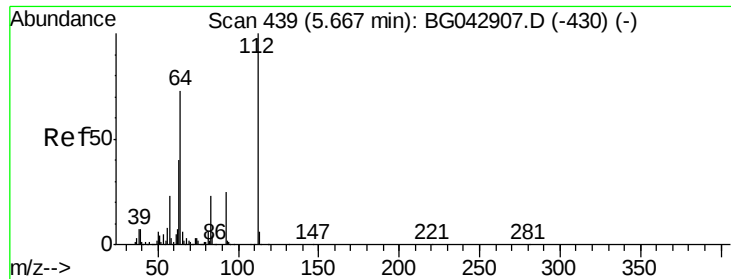
Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	42	Resp:	114784
Ion	Ratio	Lower	Upper
42	100		
74	123.5	90.5	135.7
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 100.287 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

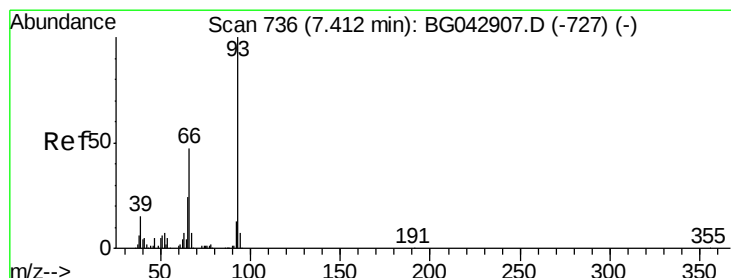
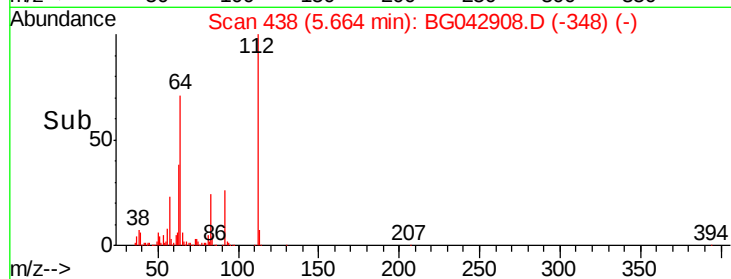
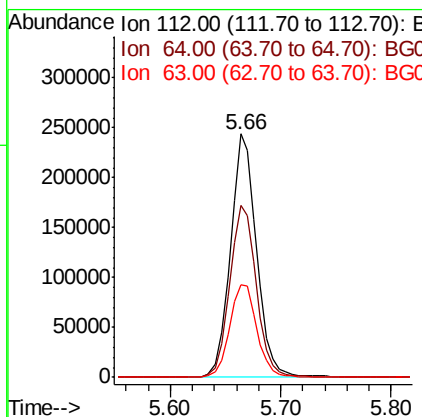
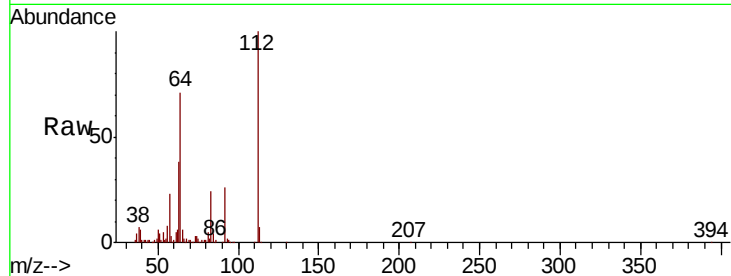
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	403241
Ion Ratio	Lower	Upper	
112	100		
64	70.9	58.6	87.8
63	38.2	31.6	47.4

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#6

Aniline

Concen: 47.032 ng

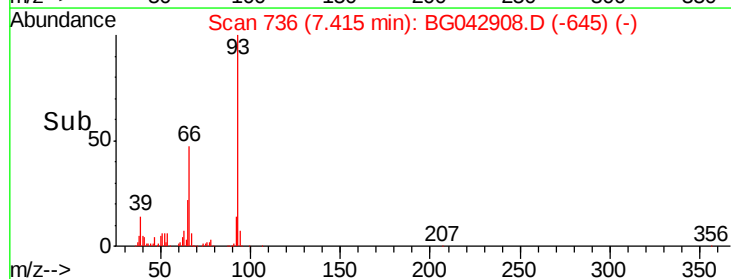
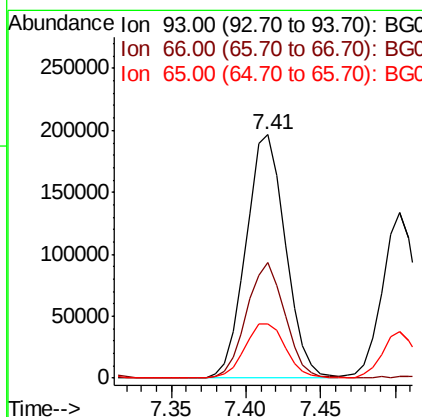
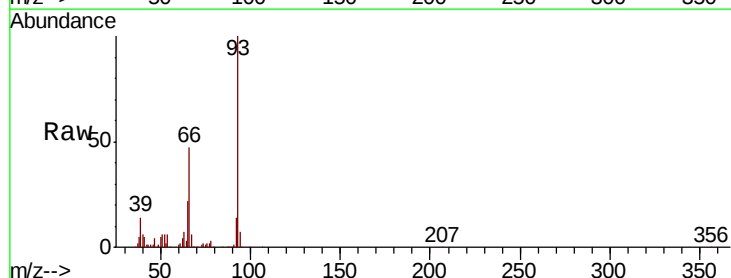
RT: 7.41 min Scan# 736

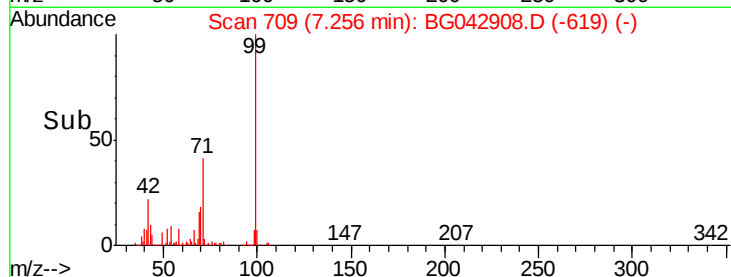
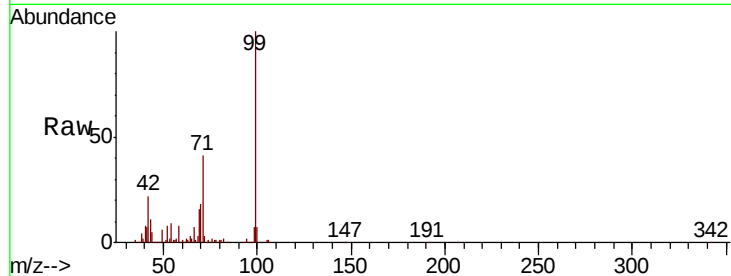
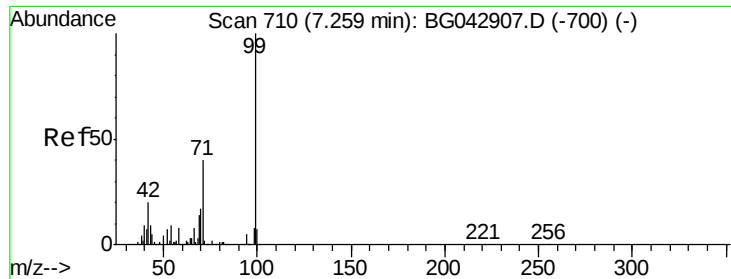
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	93	Resp:	360775
Ion Ratio	Lower	Upper	
93	100		
66	47.4	37.9	56.9
65	22.3	19.2	28.8





#7

Phenol-d6

Concen: 102.909 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tot Ion:	99	Resp:	592884
Ion Ratio	Lower	Upper	
99	100		
42	21.8	15.8	23.6
71	41.2	32.2	48.2

Instrument :

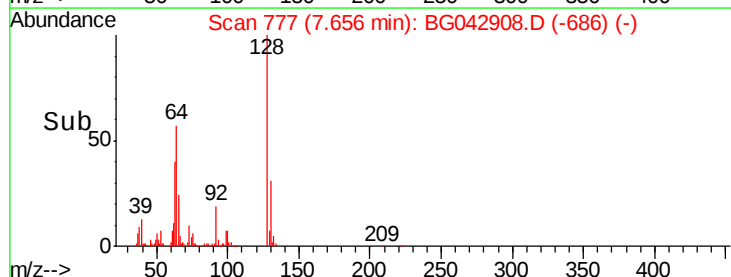
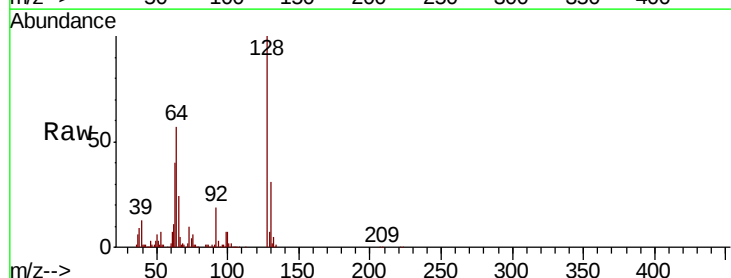
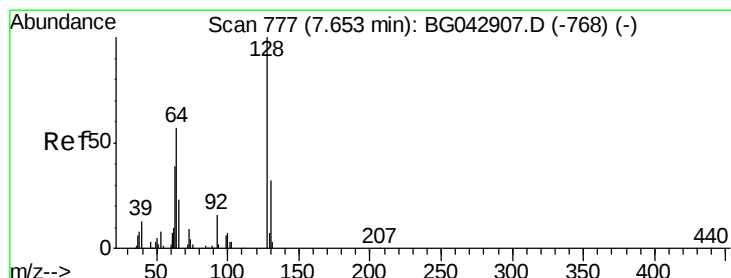
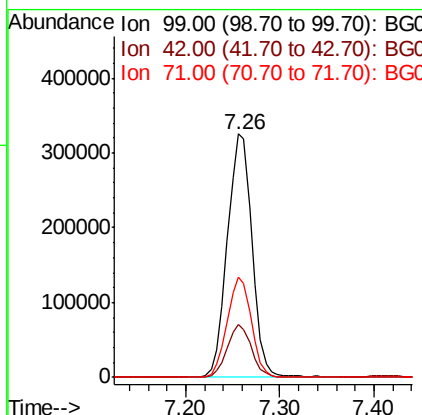
BNA_G

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#8

2-Chlorophenol

Concen: 48.741 ng

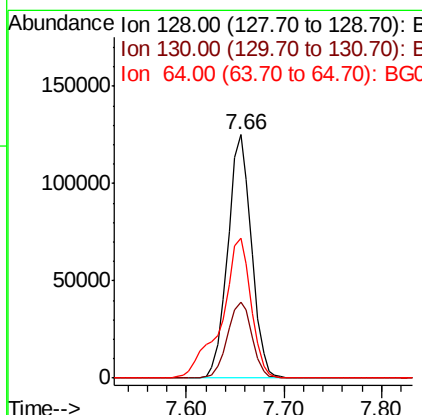
RT: 7.66 min Scan# 777

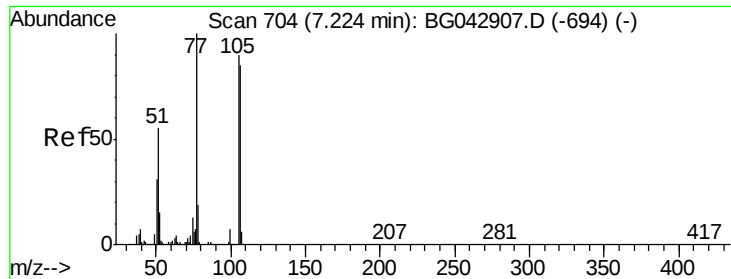
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	128	Resp:	210033
Ion Ratio	Lower	Upper	
128	100		
130	31.1	11.5	51.5
64	57.4	38.7	78.7





#9

Benzaldehyde

Concen: 45.585 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 174768

Ion Ratio Lower Upper

77 100

105 87.4 69.8 109.8

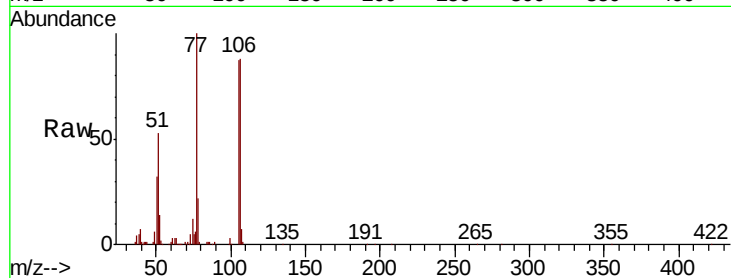
106 88.1 65.2 105.2

Manual Integrations

APPROVED

mohammad

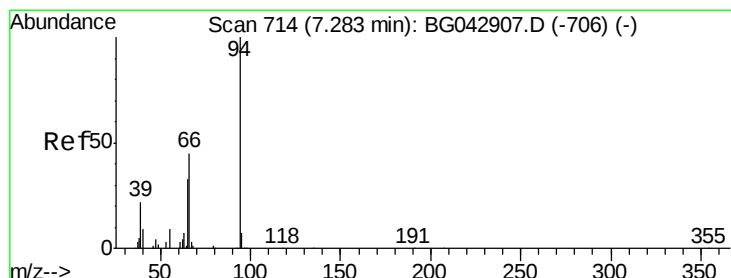
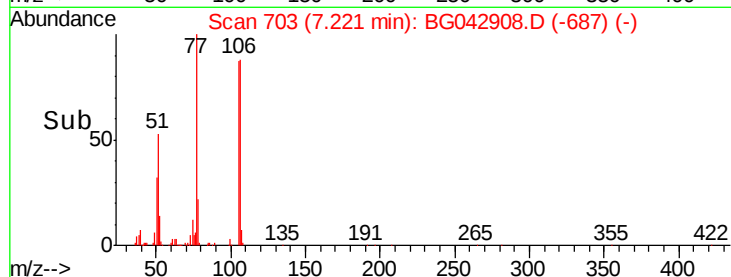
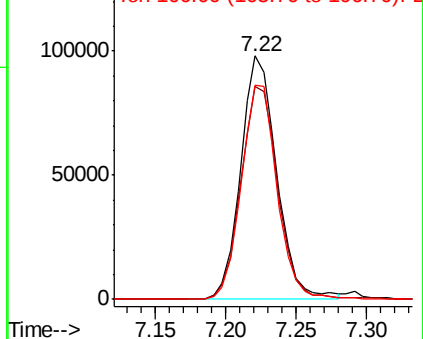
9/24/2019 9:13:23 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.924 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

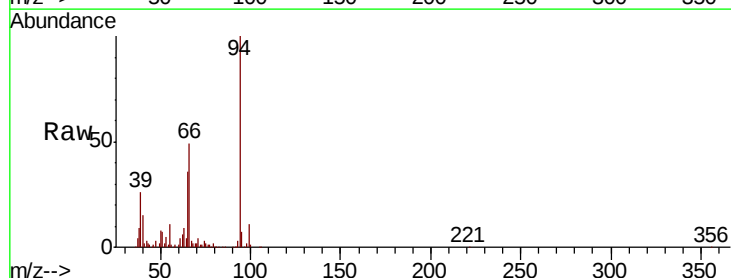
Tgt Ion: 94 Resp: 274094

Ion Ratio Lower Upper

94 100

65 36.5 13.7 53.7

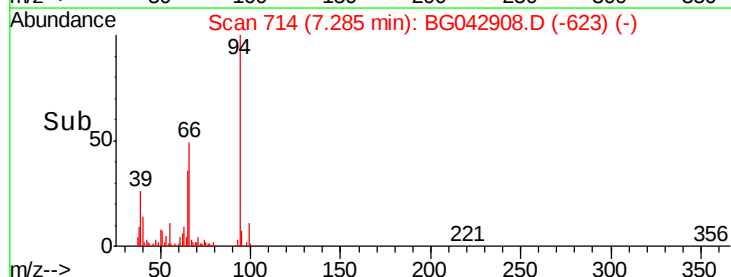
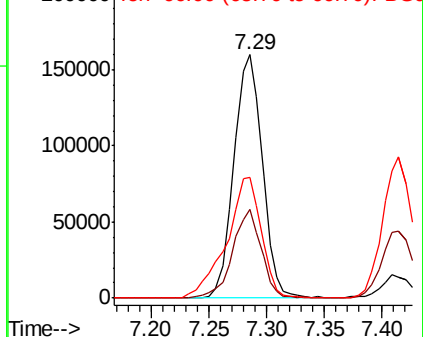
66 49.4 27.4 67.4

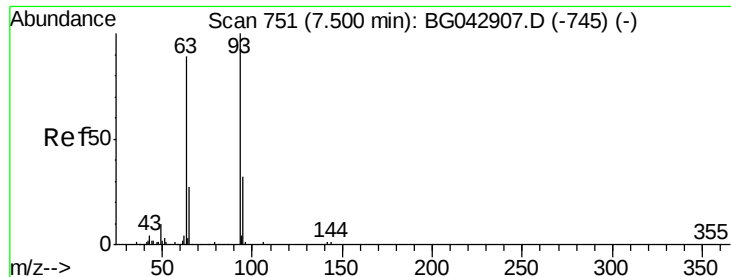


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





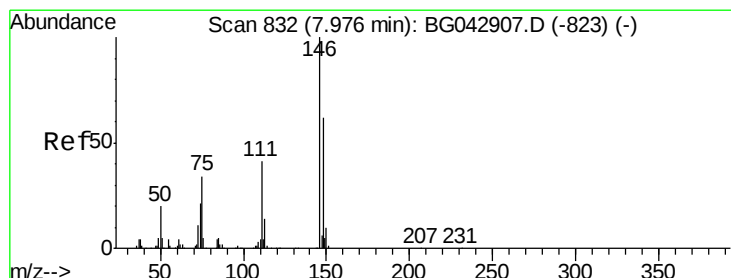
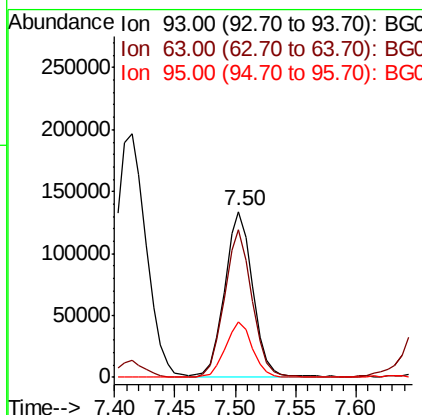
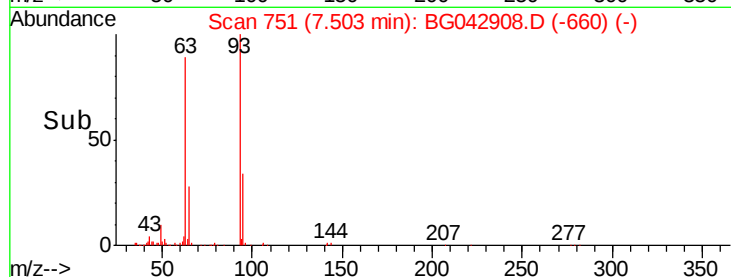
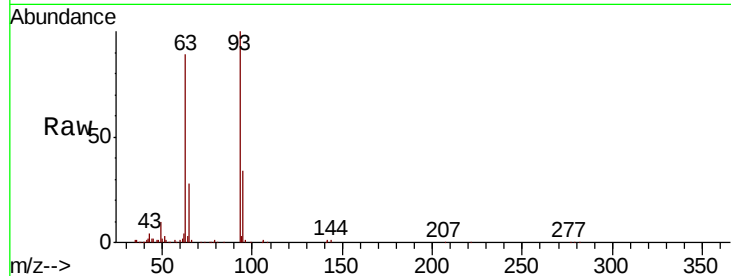
#11
bis(2-Chloroethyl)ether
Concen: 47.699 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	68.1	108.1
95	33.6	11.3	51.3

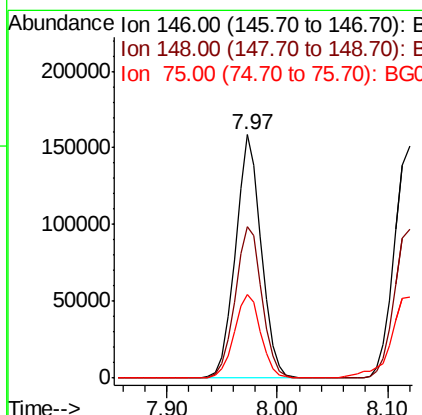
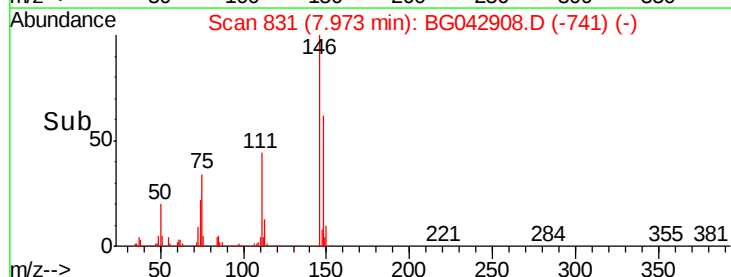
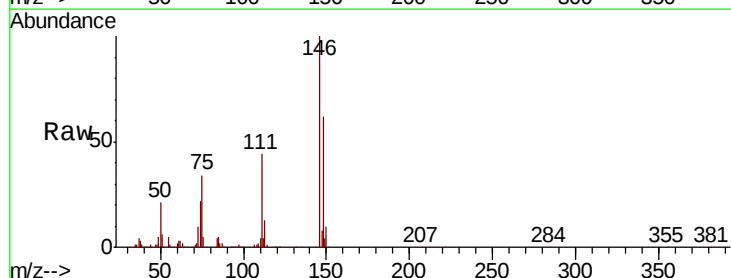
Manual Integrations
APPROVED

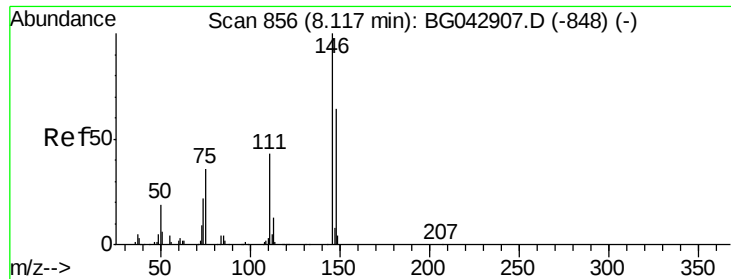
mohammad
9/24/2019 9:13:23 AM



#12
1,3-Dichlorobenzene
Concen: 49.184 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.4	74.0
75	34.4	27.0	40.6





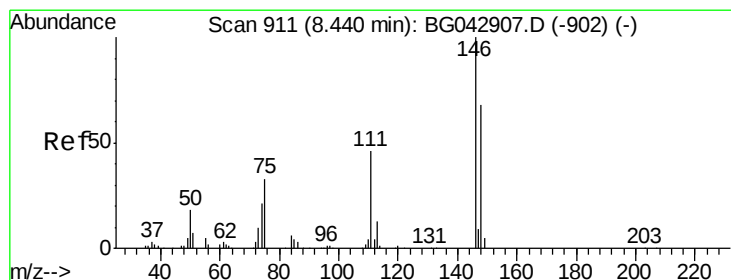
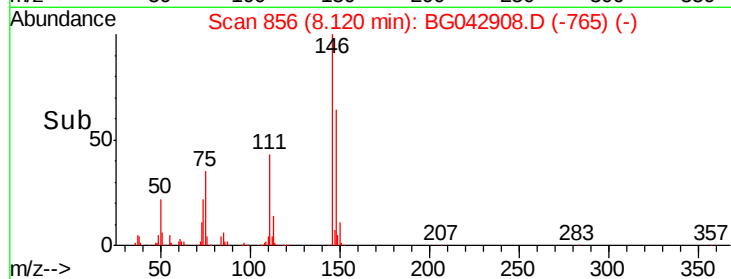
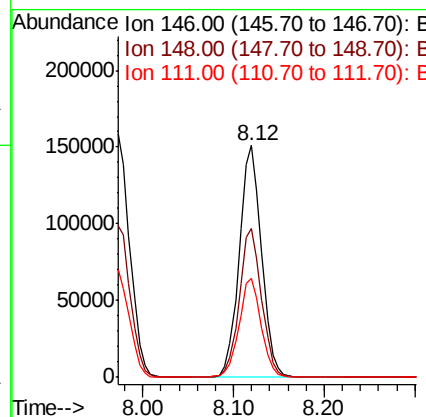
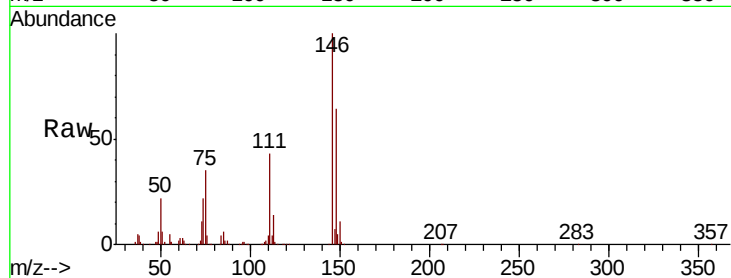
#13
 1,4-Dichlorobenzene
 Concen: 49.065 ng
 RT: 8.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.6	34.7	52.1

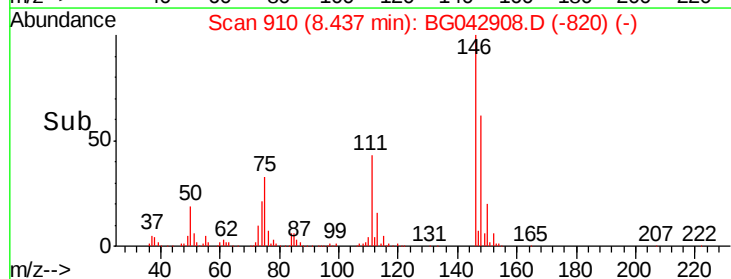
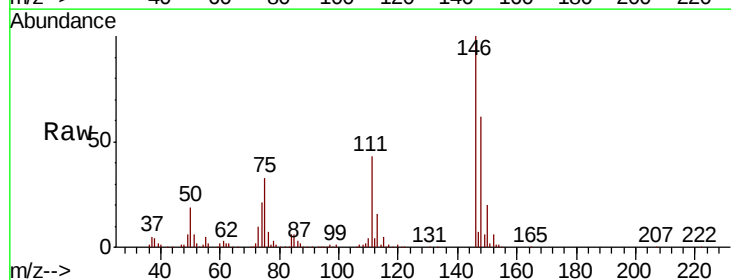
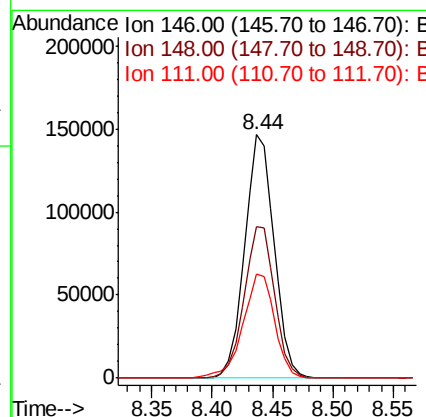
Manual Integrations
 APPROVED

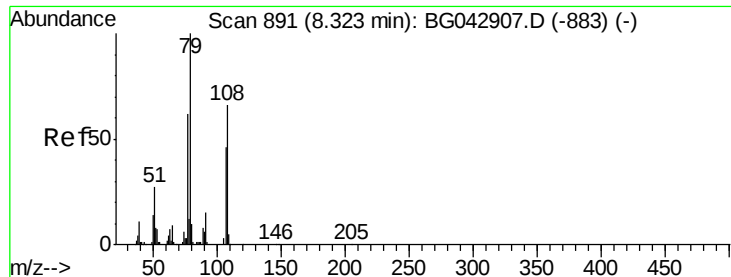
mohammad
 9/24/2019 9:13:23 AM



#14
 1,2-Dichlorobenzene
 Concen: 49.500 ng
 RT: 8.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	54.7	82.1
111	42.9	37.4	56.2





#15

Benzyl Alcohol

Concen: 45.784 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

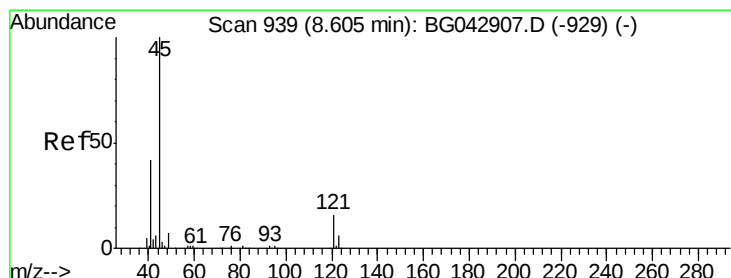
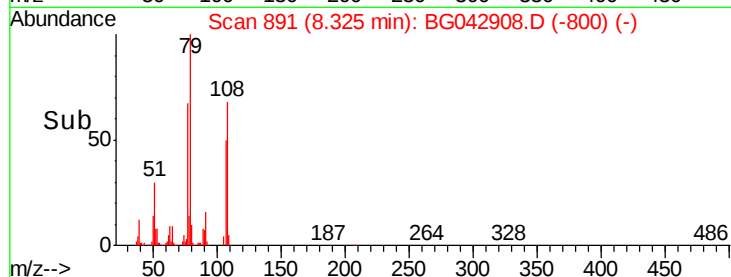
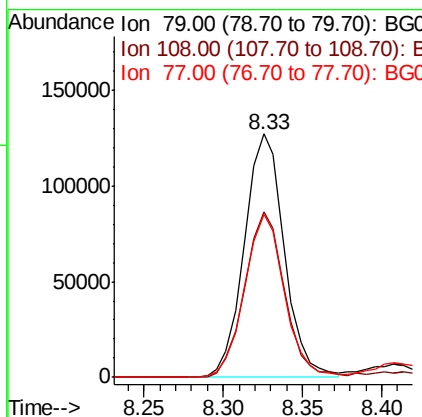
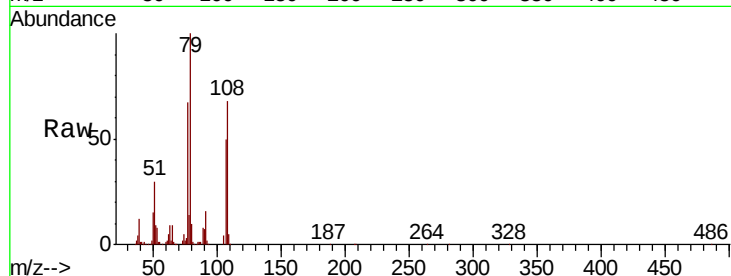
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	222986
Ion Ratio	Lower	Upper	
79	100		
108	68.0	52.4	78.6
77	66.7	49.6	74.4

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.217 ng

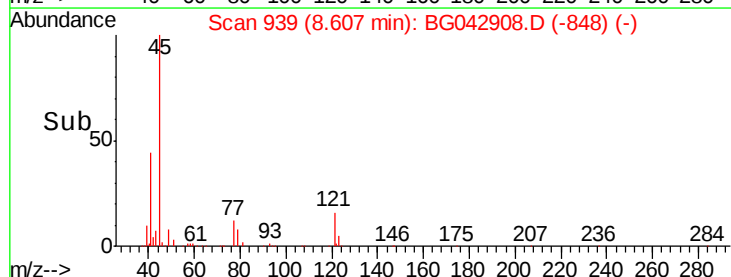
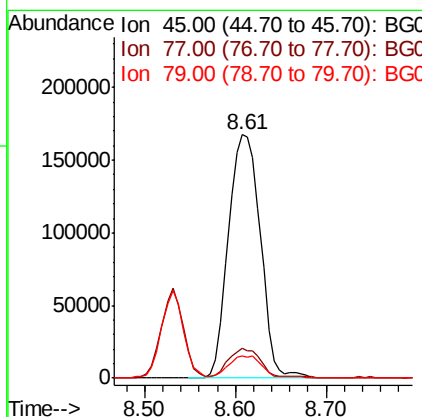
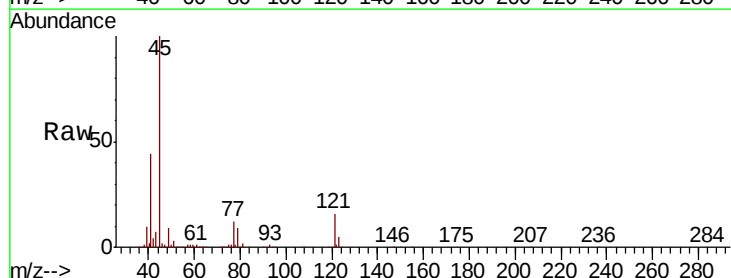
RT: 8.61 min Scan# 939

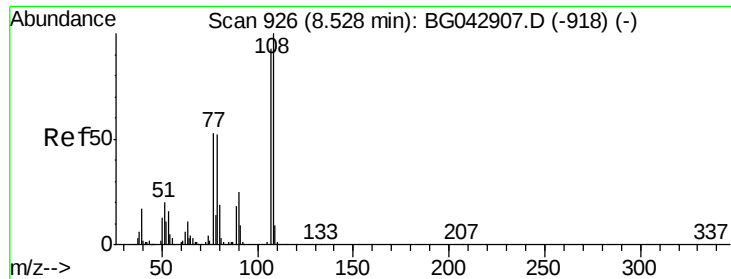
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	45	Resp:	409379
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.6
79	9.0	0.0	29.0





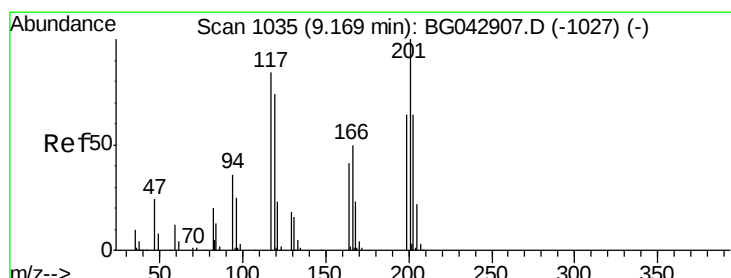
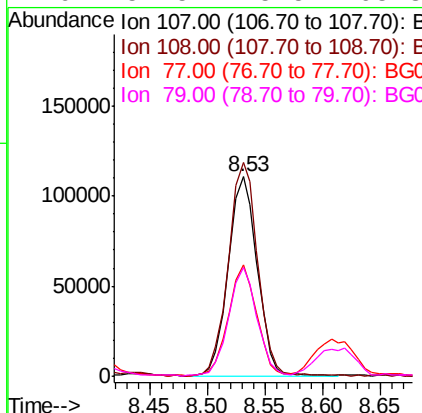
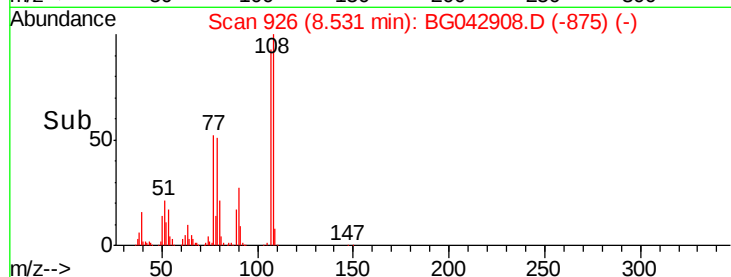
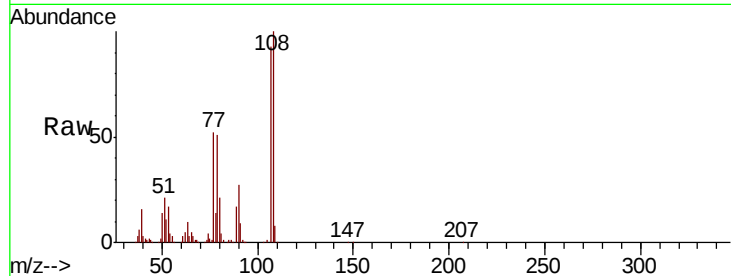
#17
2-Methylphenol
Concen: 49.037 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	85.8	128.8	
77	56.0	45.4	68.0	
79	54.5	45.5	68.3	

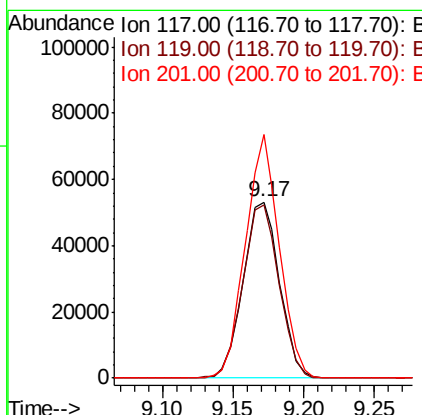
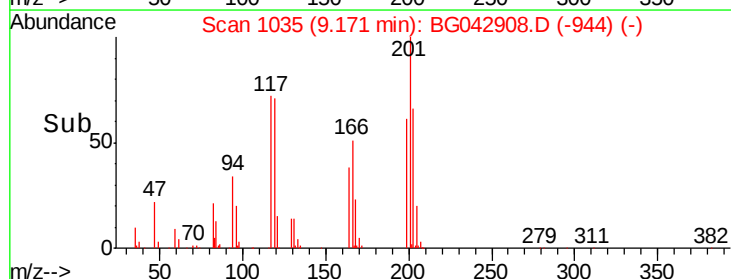
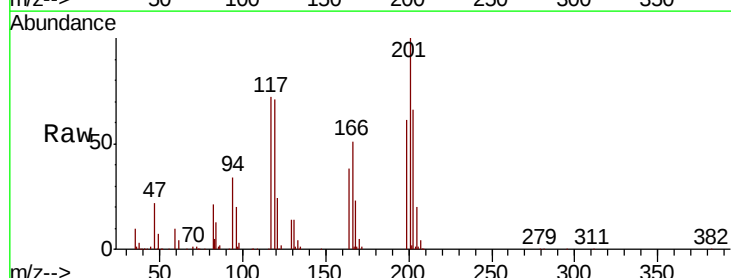
Manual Integrations
APPROVED

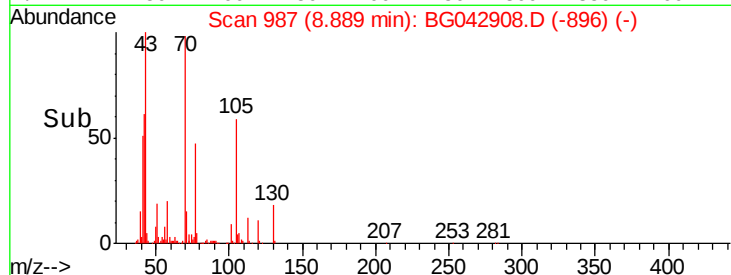
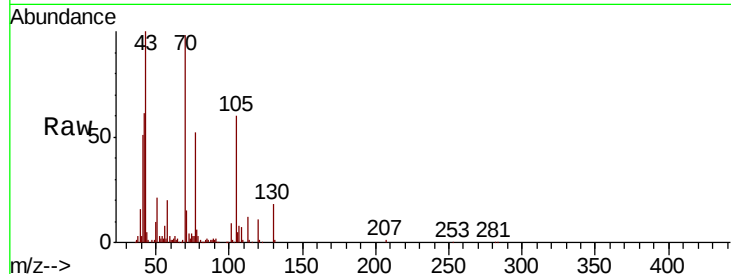
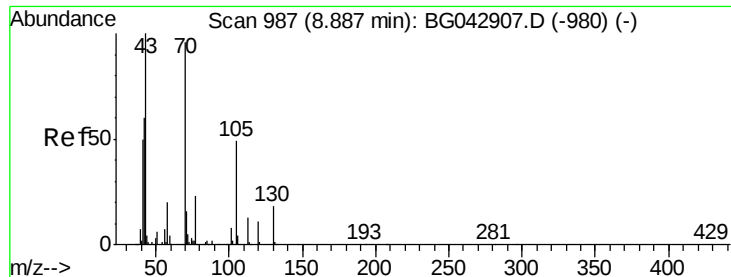
mohammad
9/24/2019 9:13:23 AM



#18
Hexachloroethane
Concen: 49.325 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	70.9	106.3	
201	138.1	95.2	142.8	





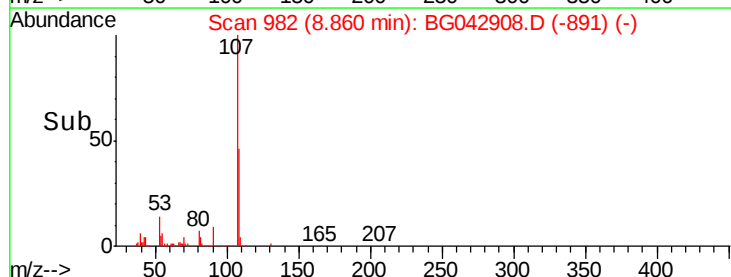
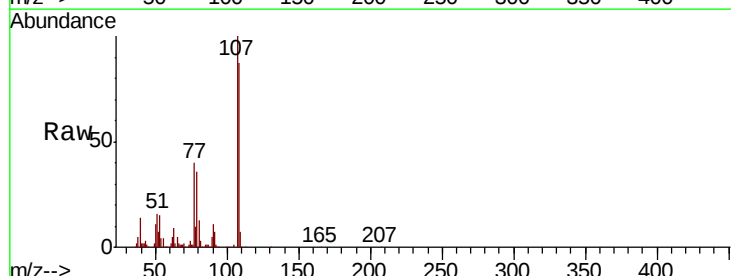
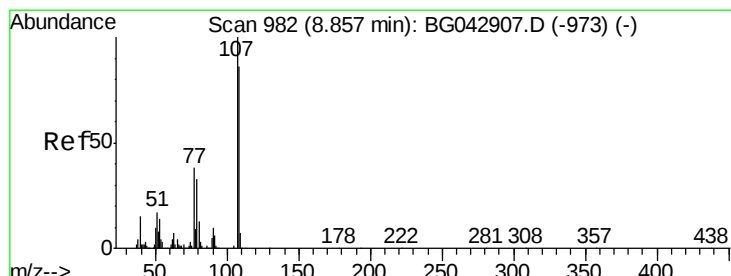
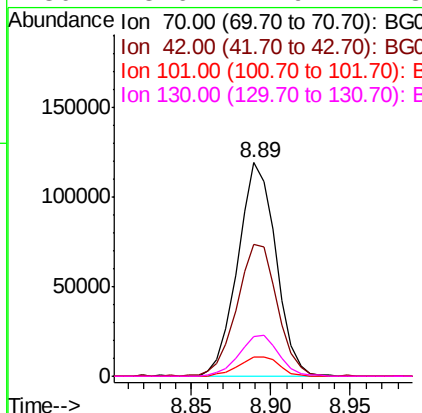
#19
n-Nitroso-di-n-propylamine
Concen: 47.510 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
199463	70	100		
	42	62.0	50.5	75.7
	101	9.2	7.0	10.4
	130	18.6	14.9	22.3

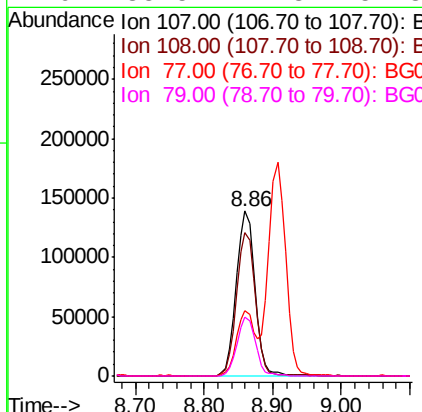
Manual Integrations
APPROVED

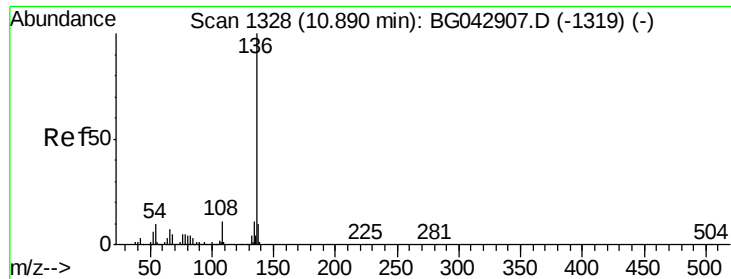
mohammad
9/24/2019 9:13:23 AM



#20
3+4-Methylphenols
Concen: 48.584 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
263282	107	100		
	108	87.4	66.2	106.2
	77	39.8	18.0	58.0
	79	35.5	12.8	52.8





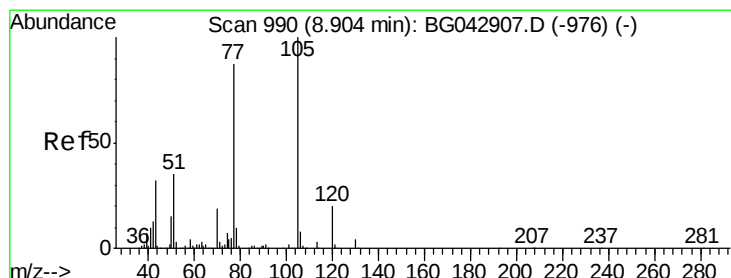
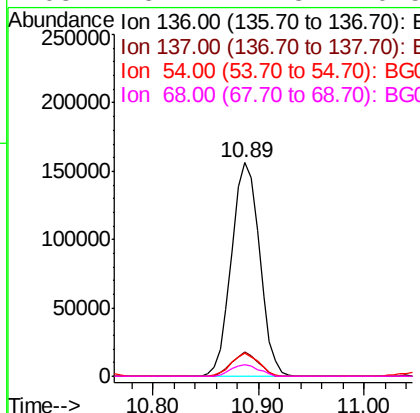
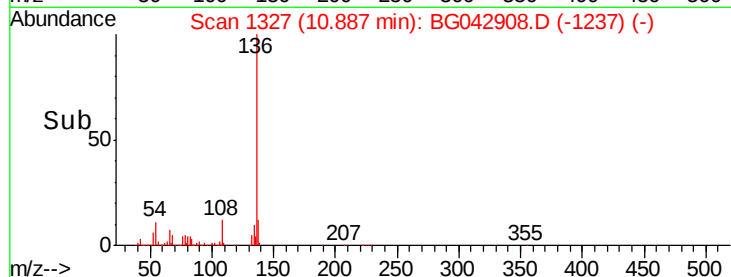
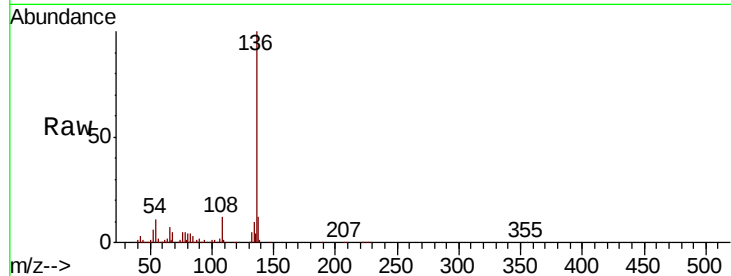
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	287072		
137	11.6		8.2	12.2
54	10.6		8.2	12.2
68	5.2		4.3	6.5

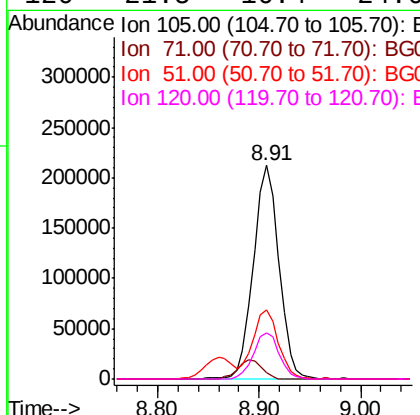
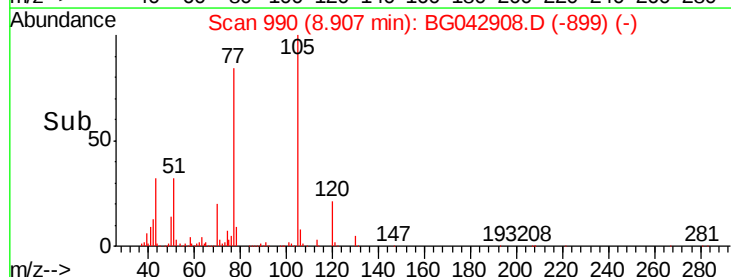
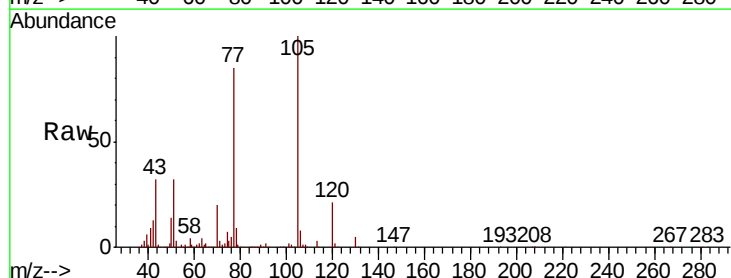
Manual Integrations
APPROVED

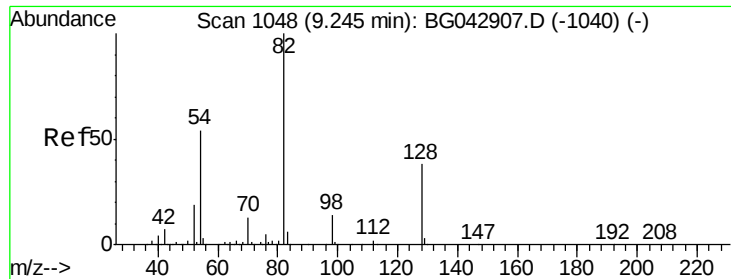
mohammad
9/24/2019 9:13:23 AM



#22
Acetophenone
Concen: 50.687 ng
RT: 8.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	373243		
71	3.2		2.6	4.0
51	32.1		28.2	42.4
120	21.5		16.4	24.6





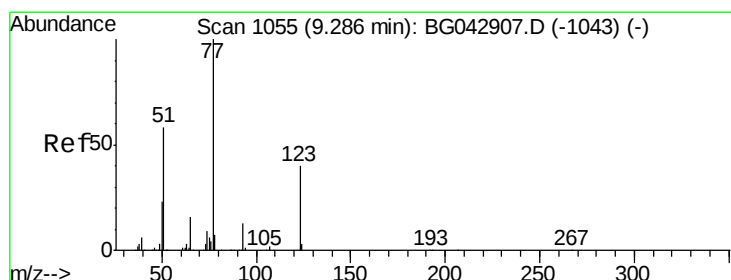
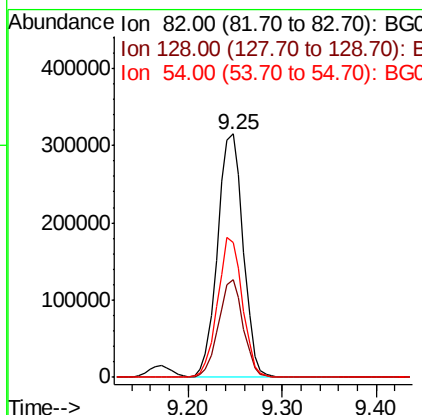
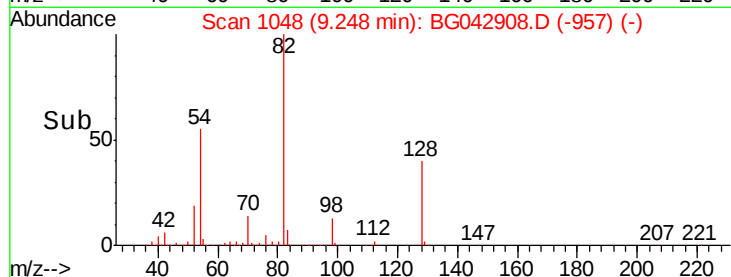
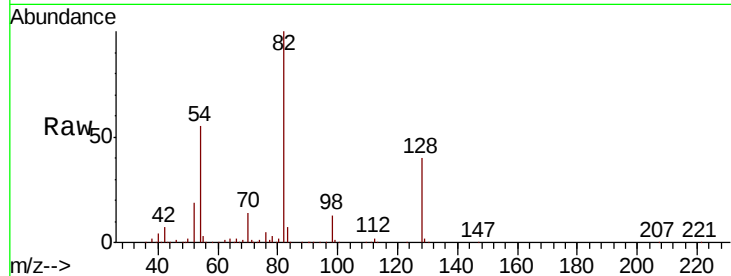
#23
 Nitrobenzene-d5
 Concen: 107.723 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100	599318		
128	40.2		30.4	45.6
54	55.4		43.4	65.0

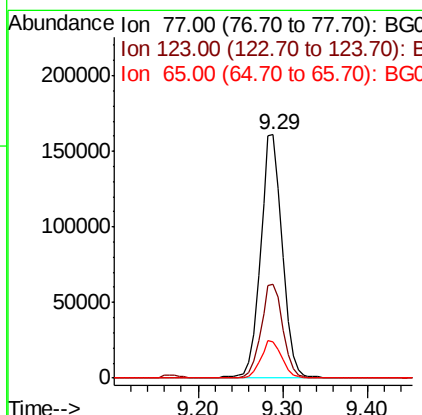
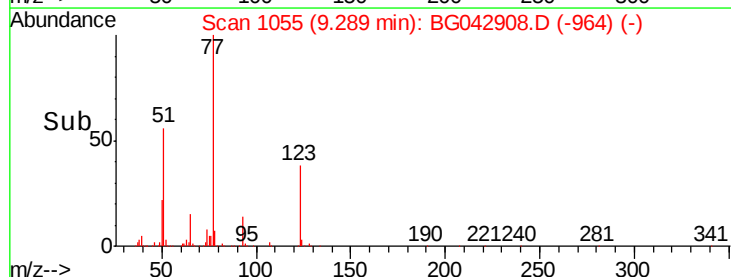
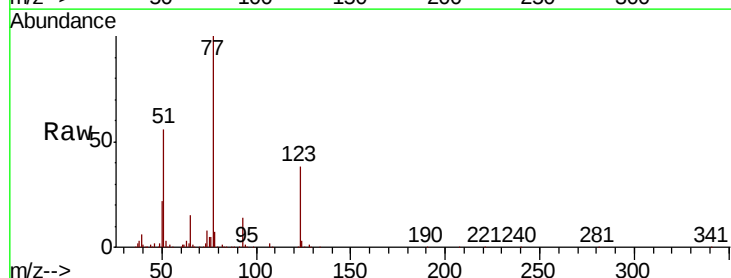
Manual Integrations
 APPROVED

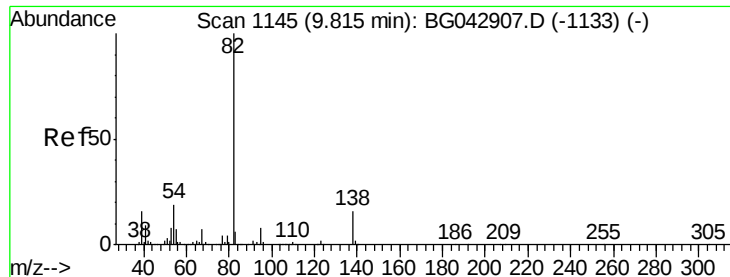
mohammad
 9/24/2019 9:13:23 AM



#24
 Nitrobenzene
 Concen: 50.418 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	290336		
123	38.4		32.3	48.5
65	15.0		12.6	19.0





#25

Isophorone

Concen: 47.016 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

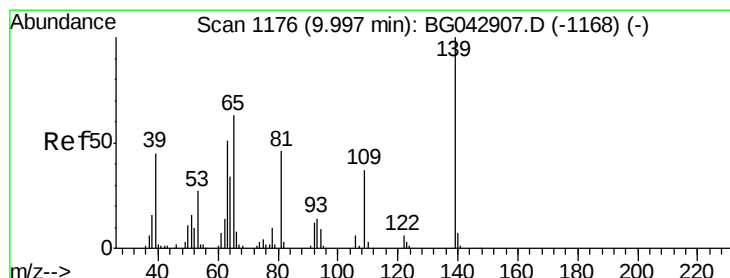
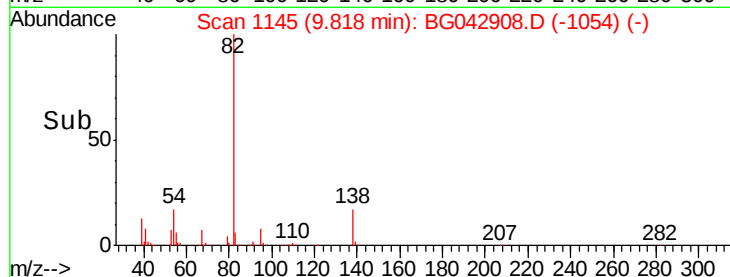
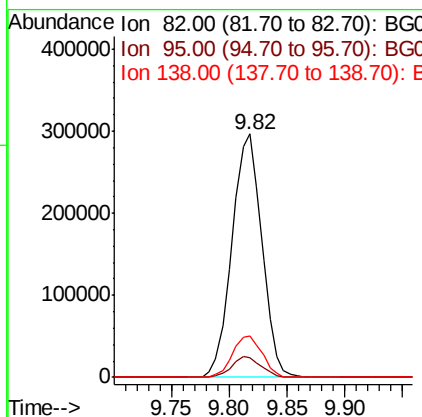
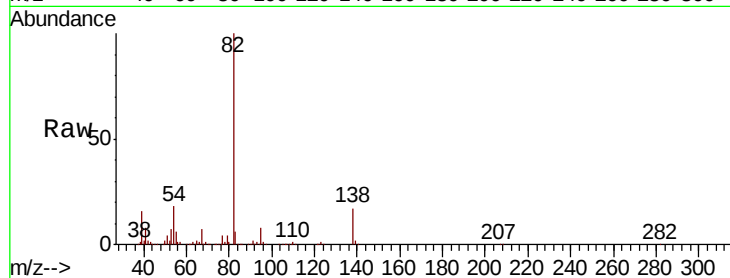
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	532751
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	16.9	12.9	19.3

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#26

2-Nitrophenol

Concen: 53.295 ng

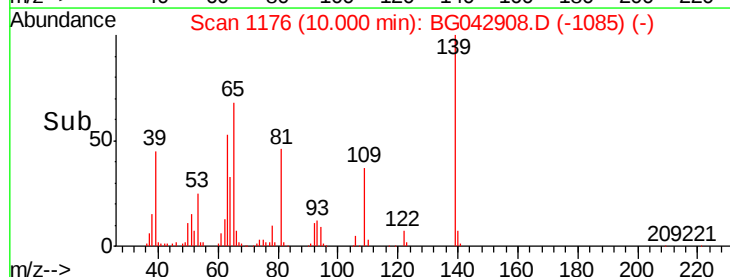
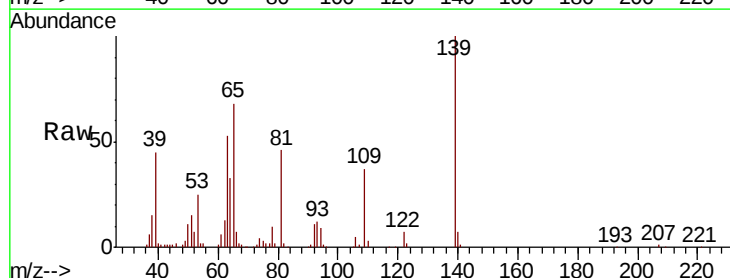
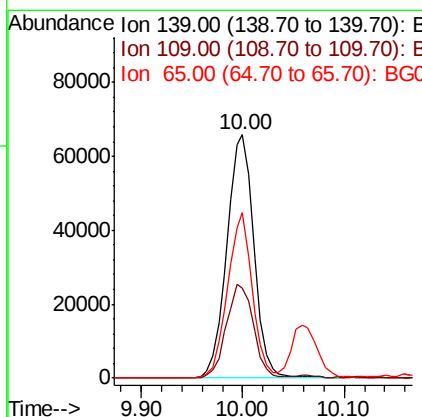
RT: 10.00 min Scan# 1176

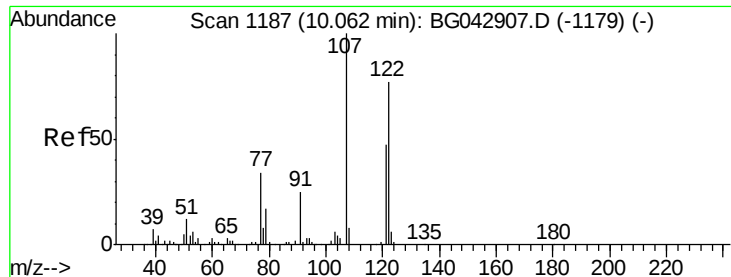
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	139	Resp:	121727
Ion Ratio	Lower	Upper	
139	100		
109	37.2	29.3	43.9
65	68.1	51.1	76.7





#27

2,4-Dimethylphenol

Concen: 46.786 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

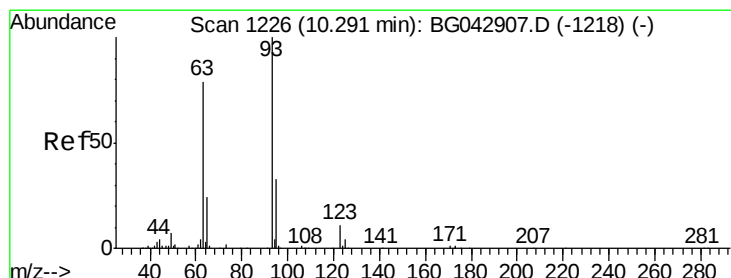
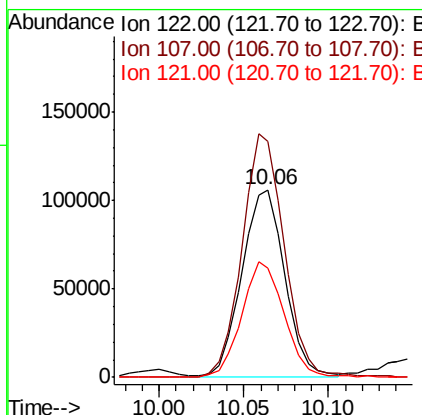
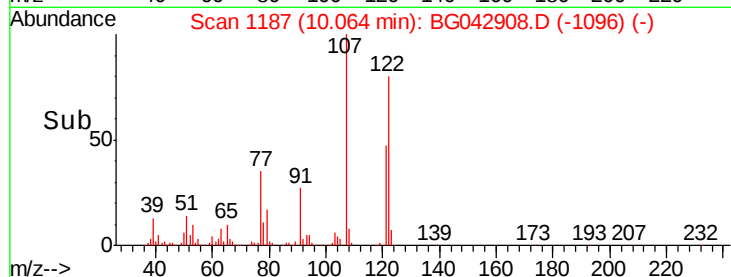
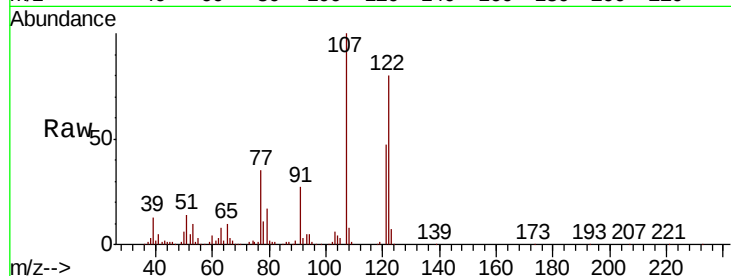
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	185470
Ion Ratio	Lower	Upper	
122	100		
107	125.6	103.3	154.9
121	58.6	48.5	72.7

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#28

bis(2-Chloroethoxy)methane

Concen: 48.125 ng

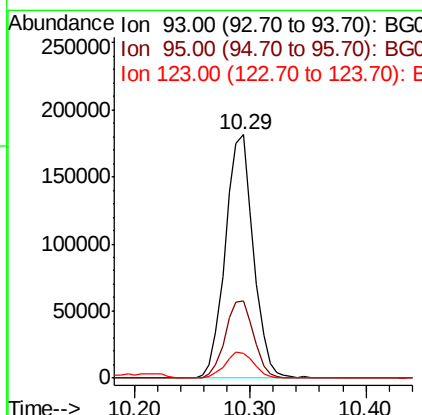
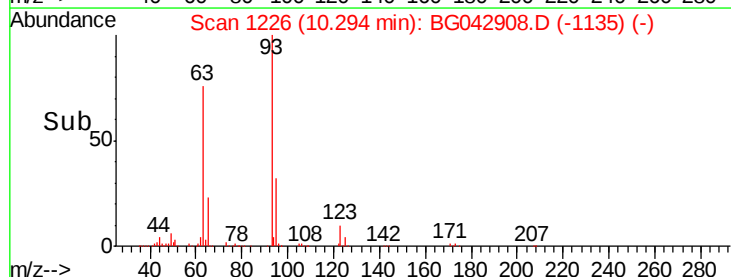
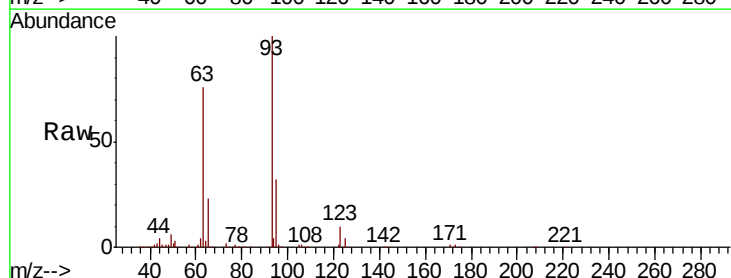
RT: 10.29 min Scan# 1226

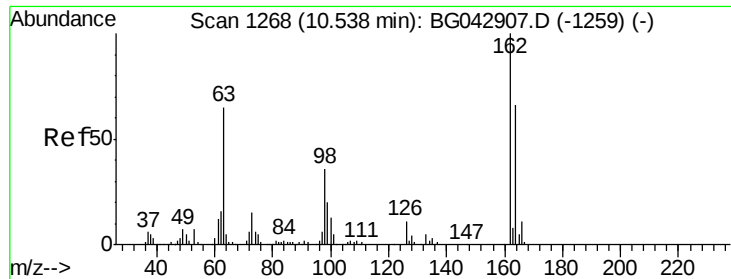
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	93	Resp:	305565
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.3	39.5
123	10.4	8.6	13.0





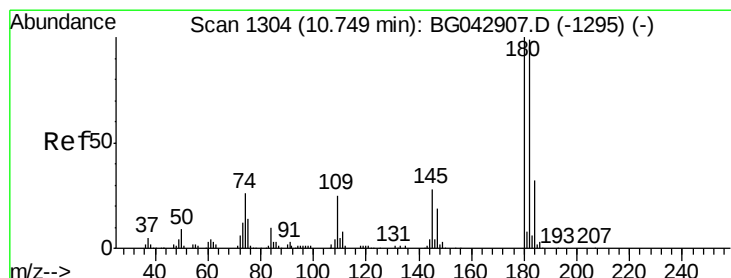
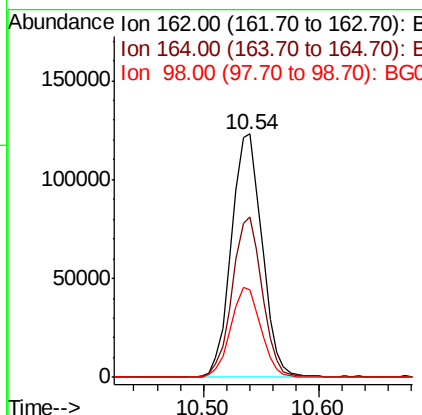
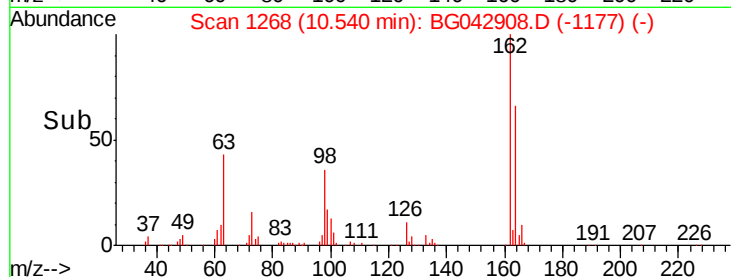
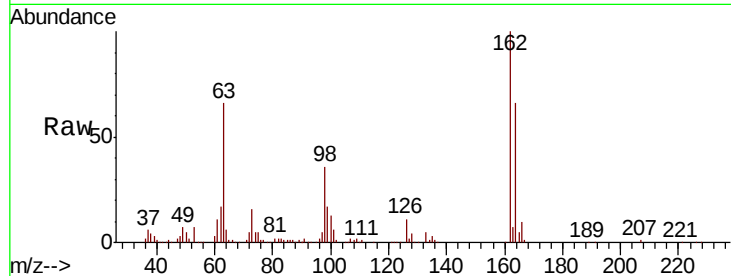
#29
2,4-Dichlorophenol
Concen: 49.207 ng
RT: 10.54 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	227962		
164	66.0	45.9	85.9	
98	36.1	15.7	55.7	

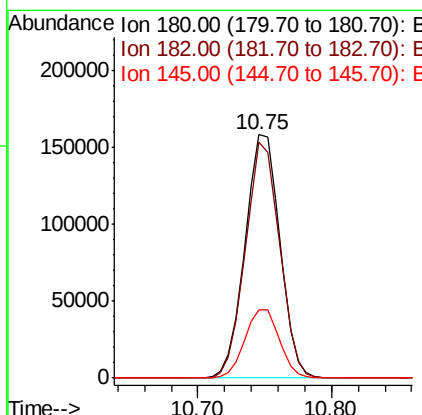
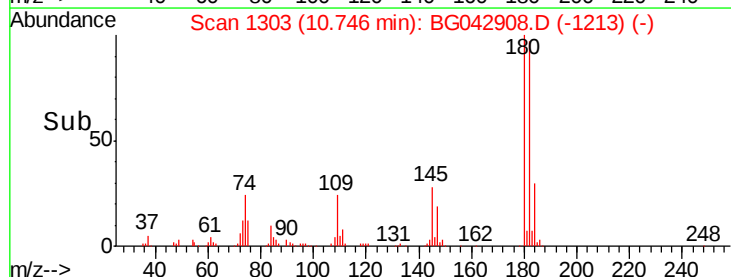
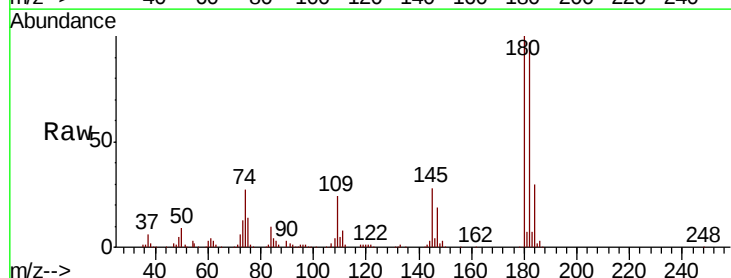
Manual Integrations
APPROVED

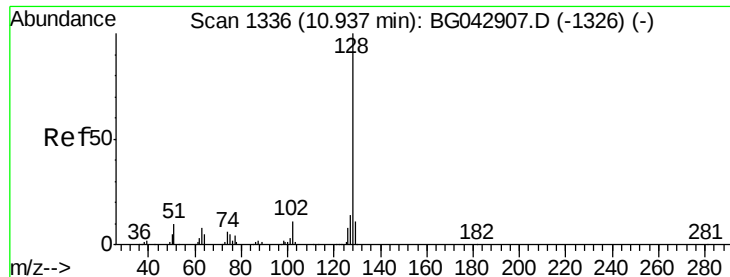
mohammad
9/24/2019 9:13:23 AM



#30
1,2,4-Trichlorobenzene
Concen: 50.324 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286165		
182	96.9	78.9	118.3	
145	28.0	22.4	33.6	





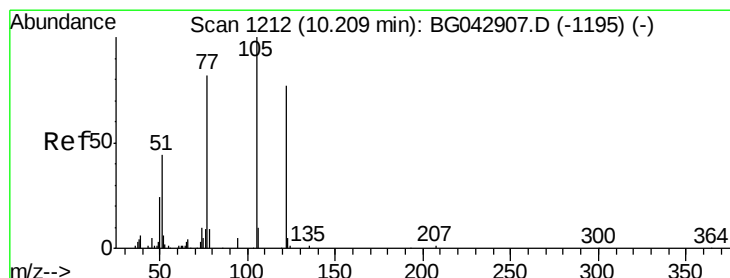
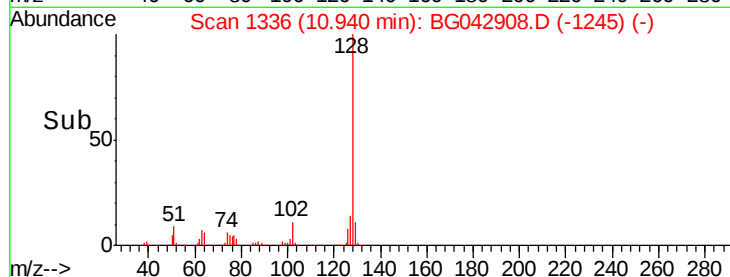
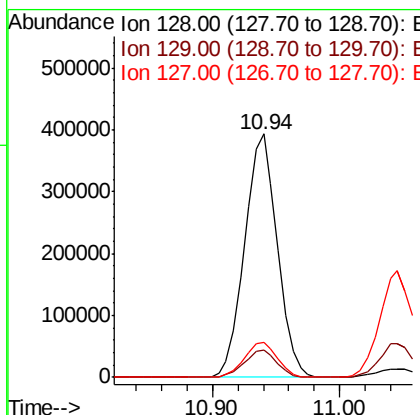
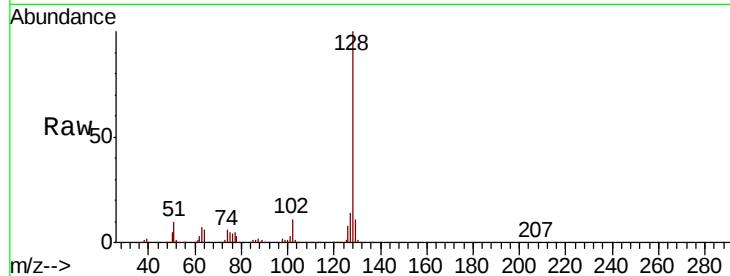
#31
Naphthalene
Concen: 49.784 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.2	11.0	16.4

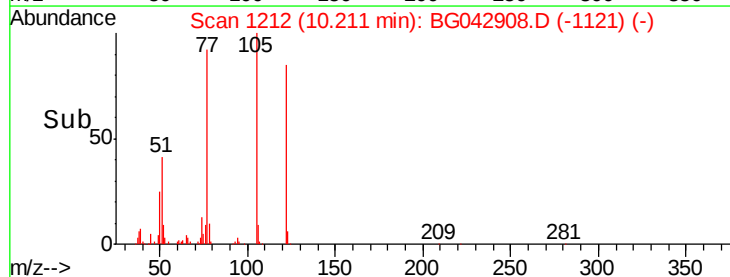
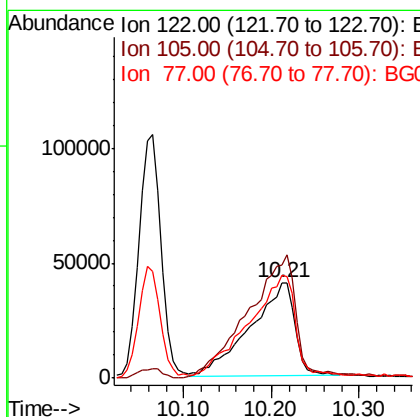
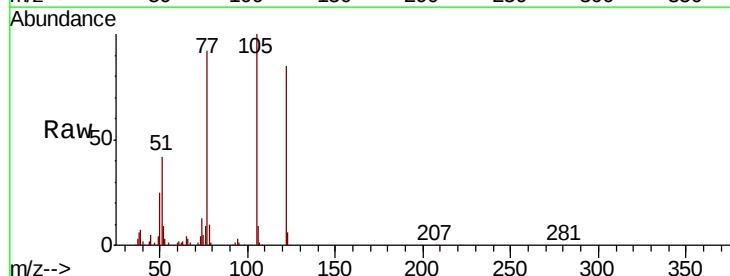
Manual Integrations
APPROVED

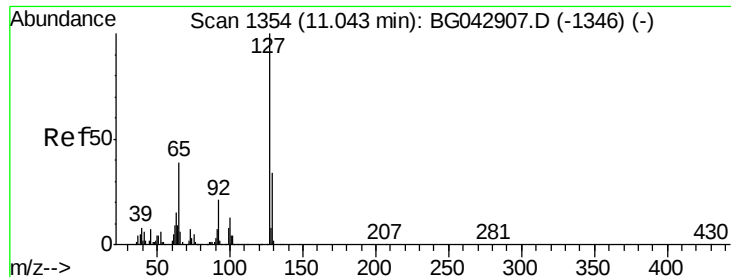
mohammad
9/24/2019 9:13:23 AM



#32
Benzoic acid
Concen: 47.642 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	108.3	148.3
77	107.9	85.5	125.5





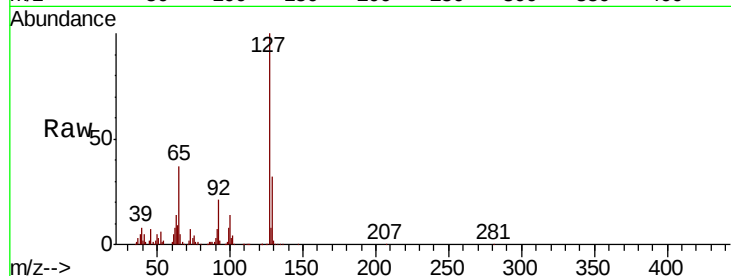
#33
4-Chloroaniline
Concen: 48.239 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	27.0	40.6	
65	36.5	31.6	47.4	
92	21.0	16.6	25.0	

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



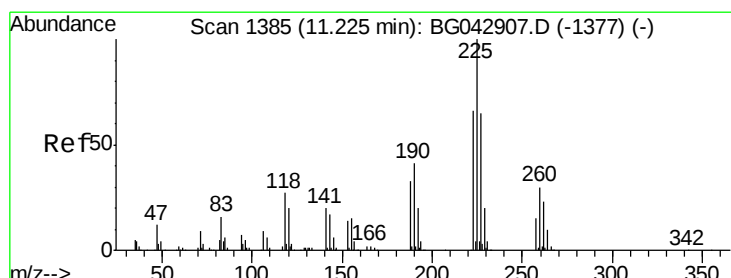
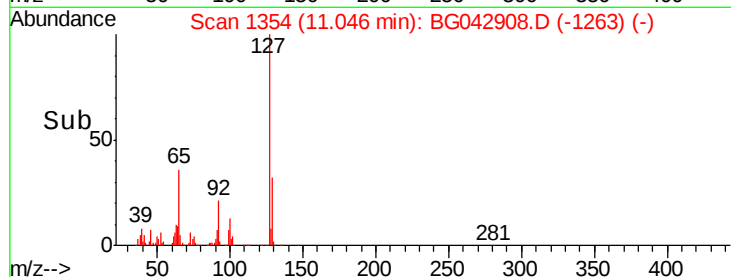
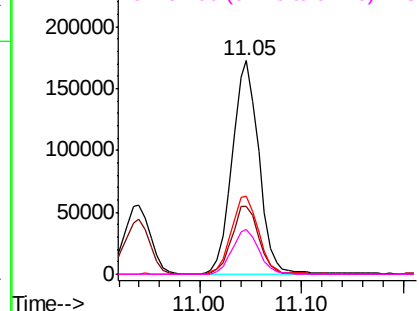
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

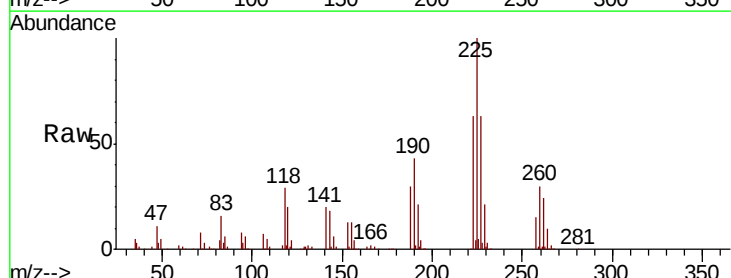
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 51.260 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	52.9	79.3	
227	63.4	51.6	77.4	

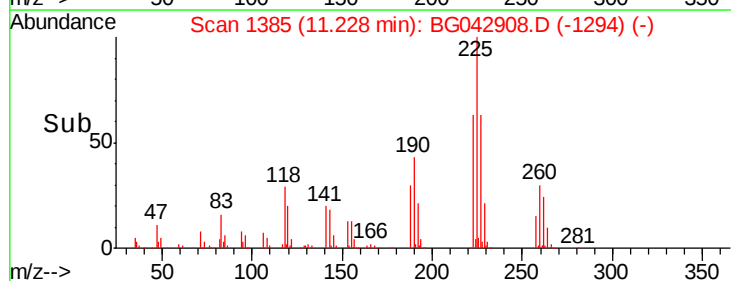
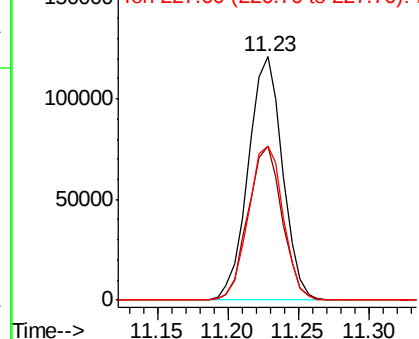


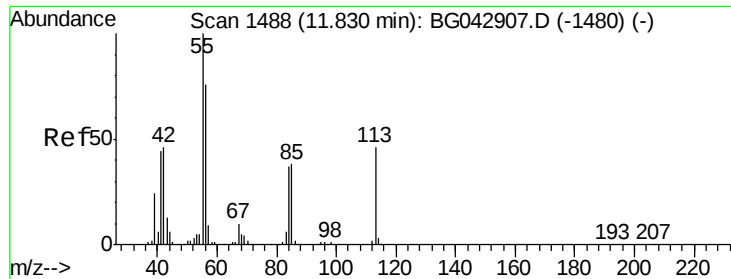
Abundance

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





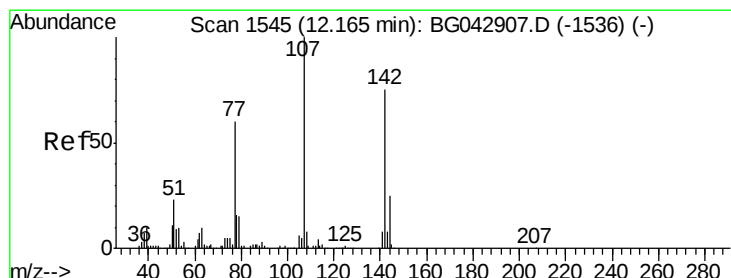
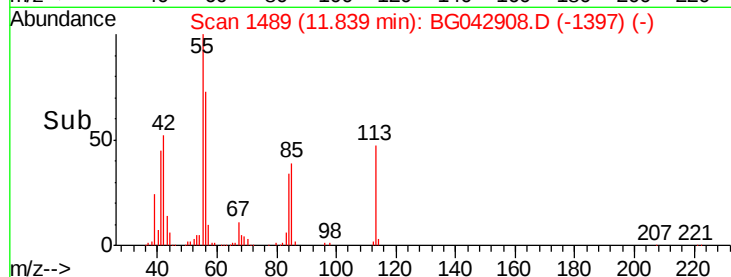
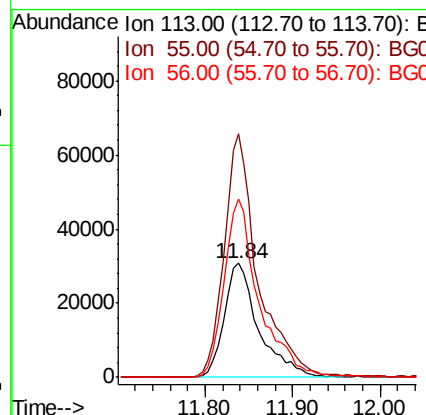
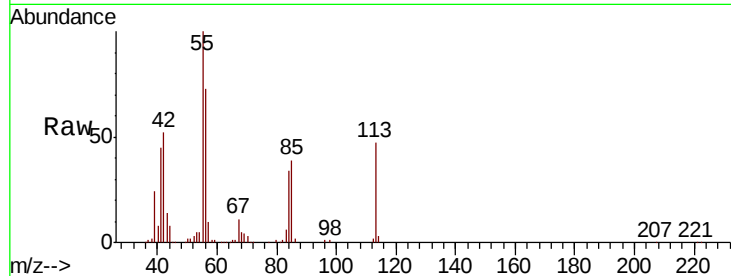
#35
 Caprolactam
 Concen: 48.744 ng
 RT: 11.84 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.0	196.9	236.9
56	156.5	145.6	185.6

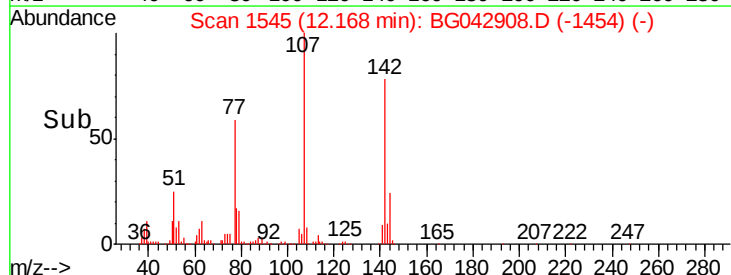
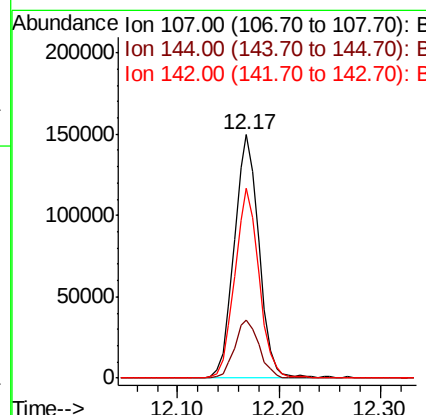
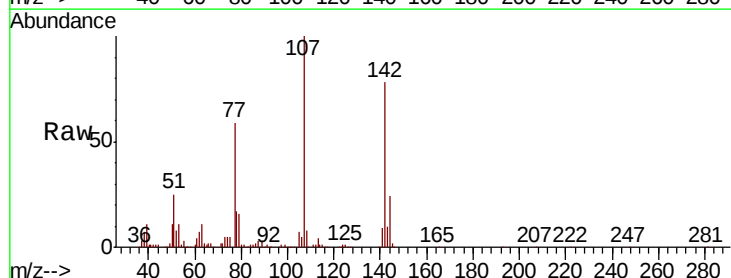
Manual Integrations
 APPROVED

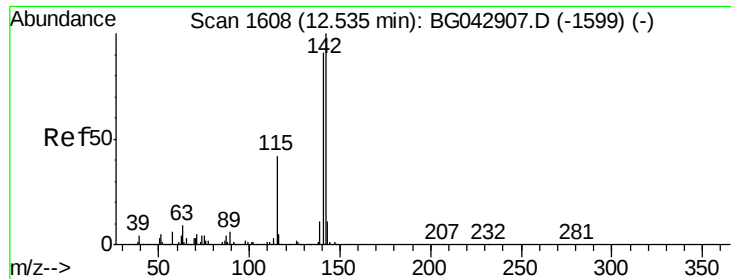
mohammad
 9/24/2019 9:13:23 AM



#36
 4-Chloro-3-methylphenol
 Concen: 49.999 ng
 RT: 12.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.3	30.5
142	77.9	59.8	89.8





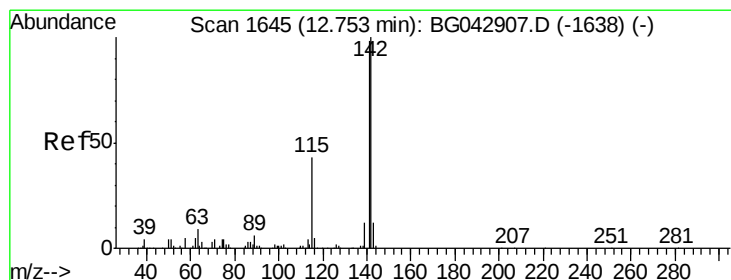
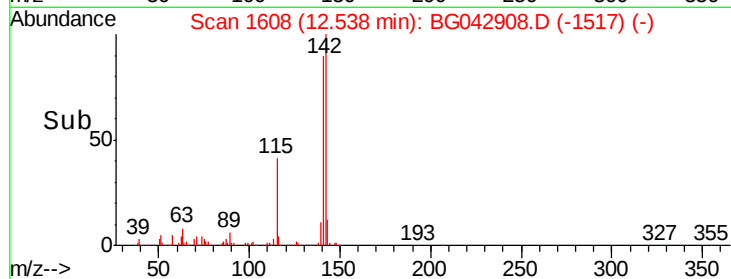
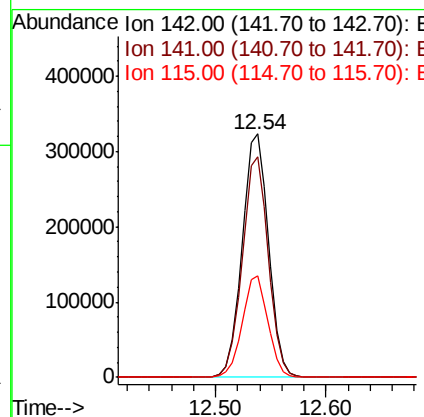
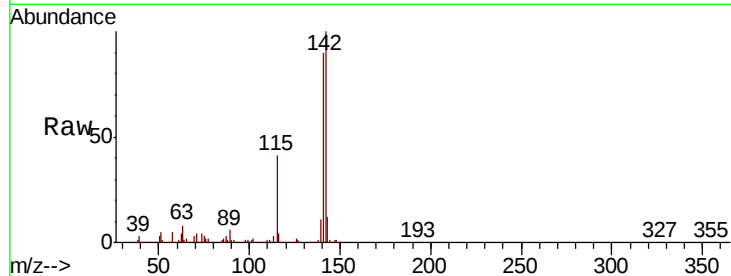
#37
2-Methylnaphthalene
Concen: 51.302 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.1	109.7
115	41.5	33.8	50.6

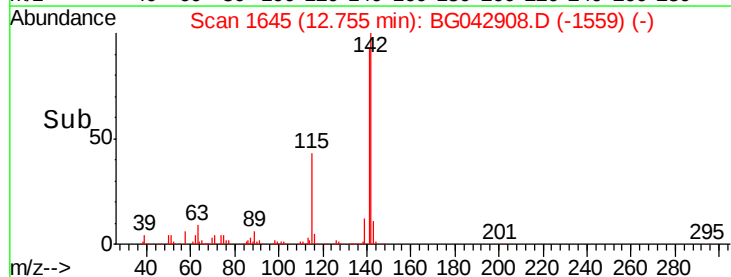
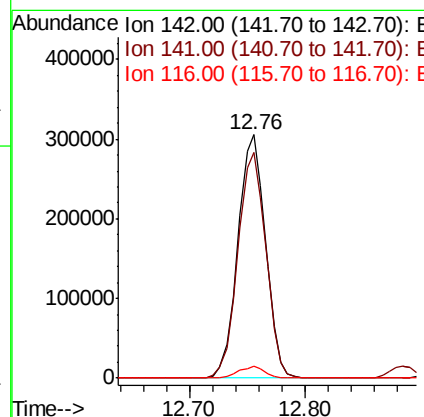
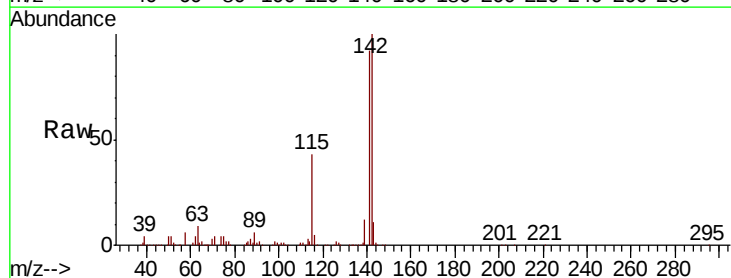
Manual Integrations
APPROVED

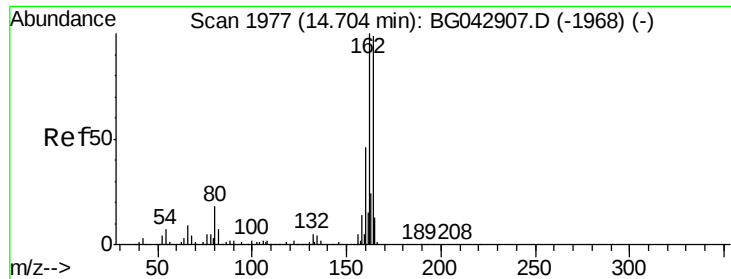
mohammad
9/24/2019 9:13:23 AM



#38
1-Methylnaphthalene
Concen: 50.878 ng
RT: 12.76 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	78.0	117.0
116	4.7	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:164 Resp: 202228

Ion Ratio Lower Upper

164 100

162 105.6 81.2 121.8

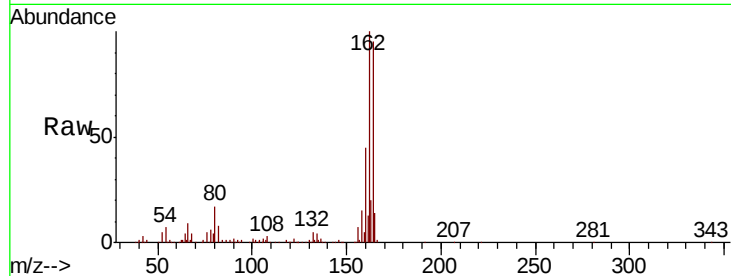
160 47.7 37.0 55.6

Manual Integrations

APPROVED

mohammad

9/24/2019 9:13:23 AM

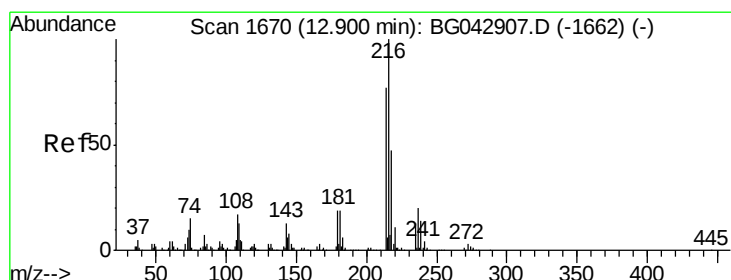
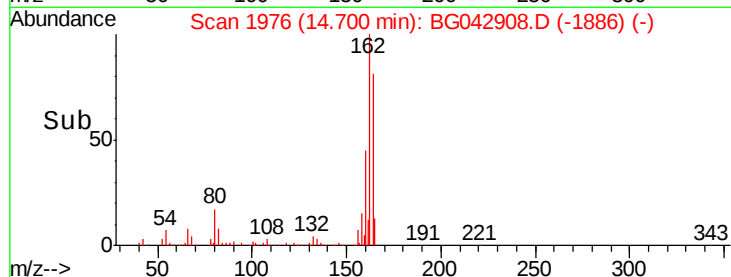
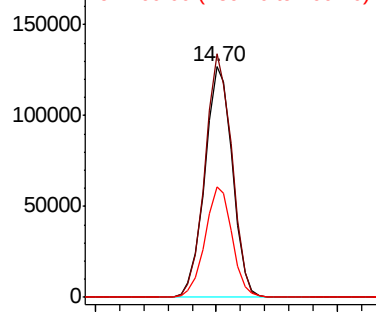


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.407 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:216 Resp: 364205

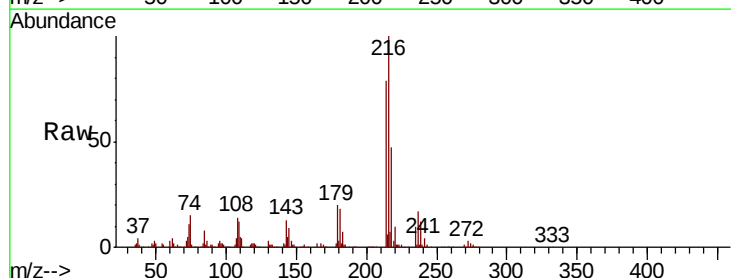
Ion Ratio Lower Upper

216 100

214 77.8 62.6 93.8

179 19.3 15.9 23.9

108 15.9 13.0 19.4



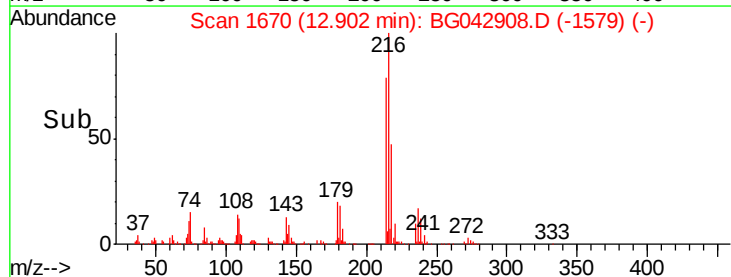
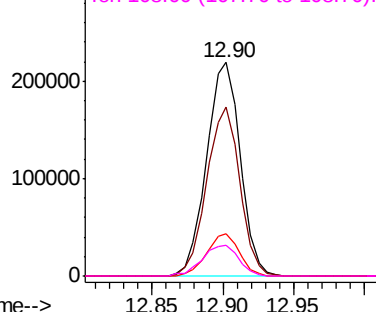
Abundance

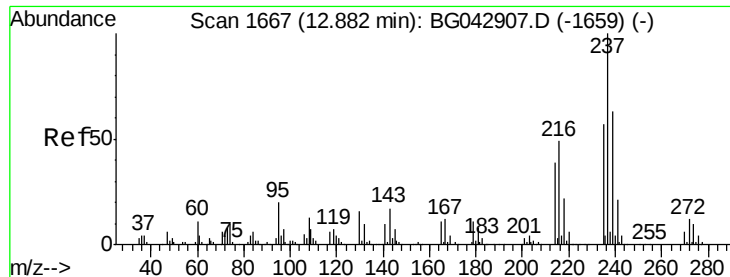
Ion 216.00 (215.70 to 216.70): E

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





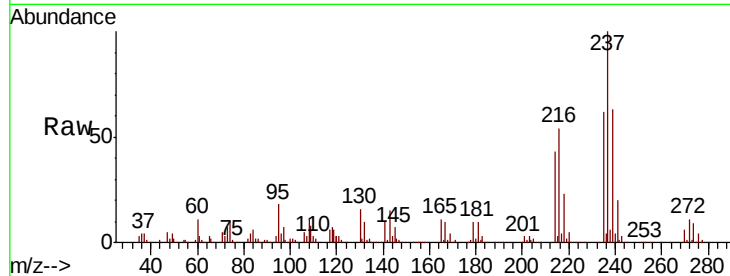
#41
Hexachlorocyclopentadiene
Concen: 58.590 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
237	100	230616		
235	61.6	37.1	77.1	
272	10.8	0.0	31.7	

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

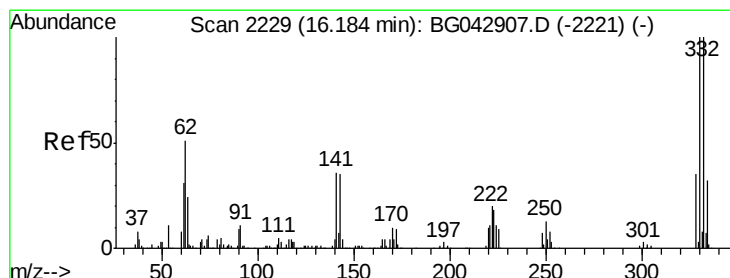
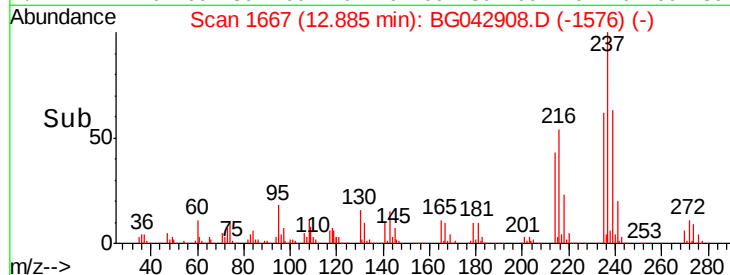
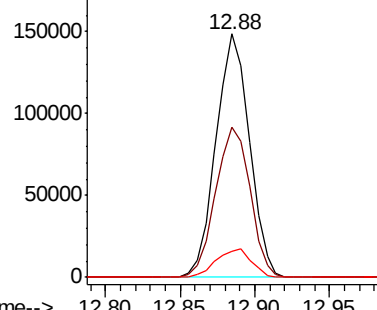


Abundance

Ion 236.80 (236.50 to 237.50): E

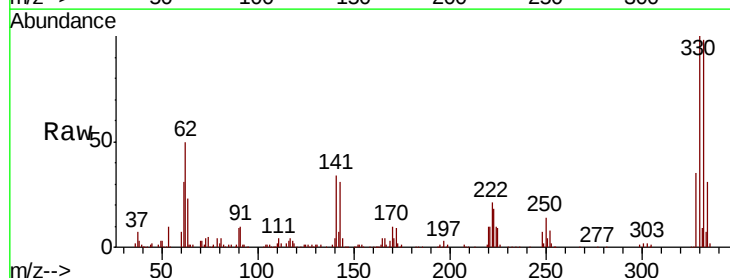
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 117.214 ng
RT: 16.19 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	323371		
332	96.1	77.4	116.2	
141	33.1	26.5	39.7	

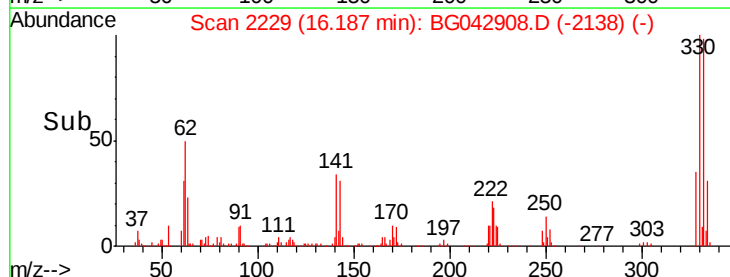
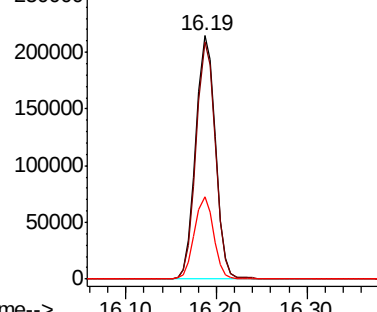


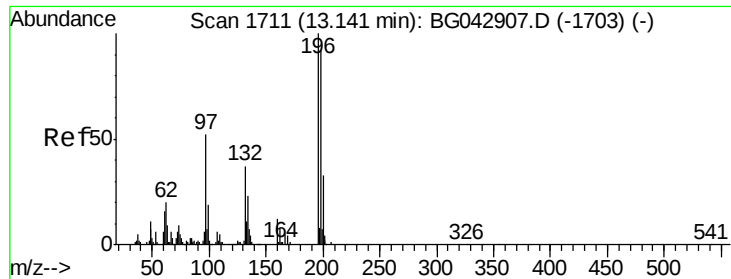
Abundance

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





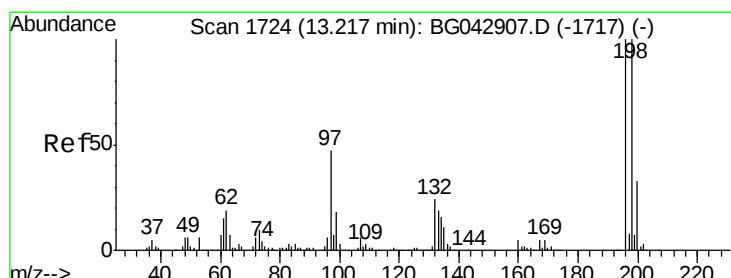
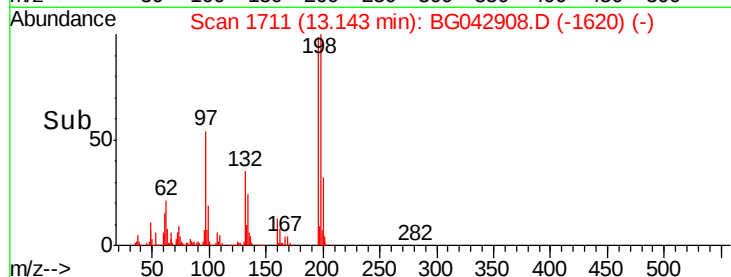
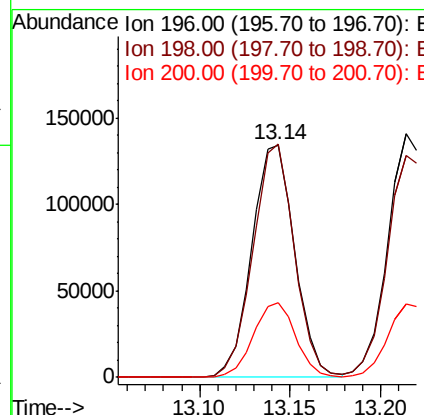
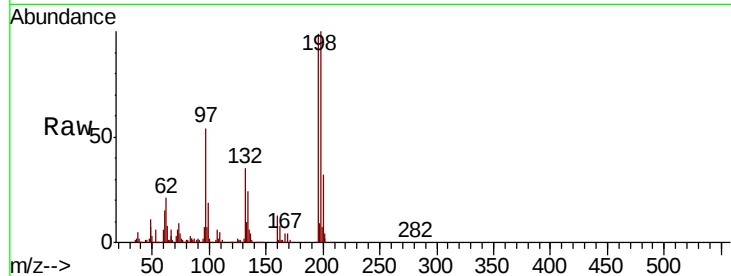
#43
 2,4,6-Trichlorophenol
 Concen: 49.995 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	73.5	110.3
200	32.0	26.0	39.0

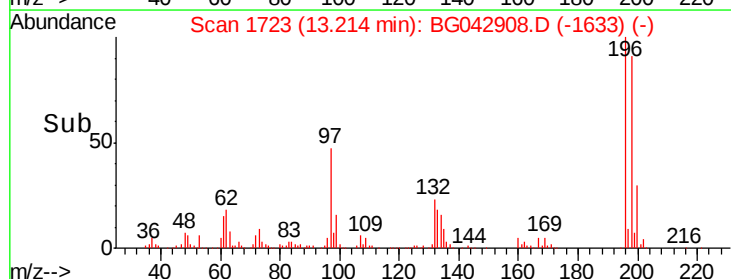
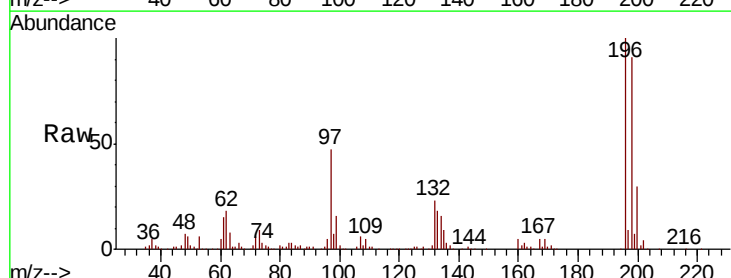
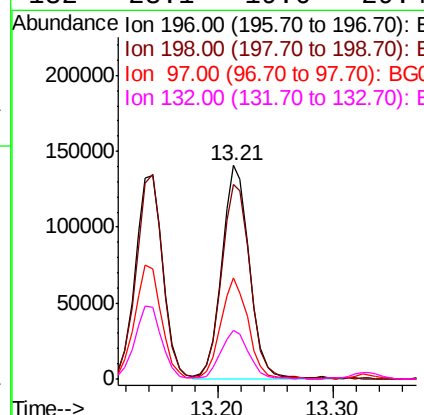
Manual Integrations
 APPROVED

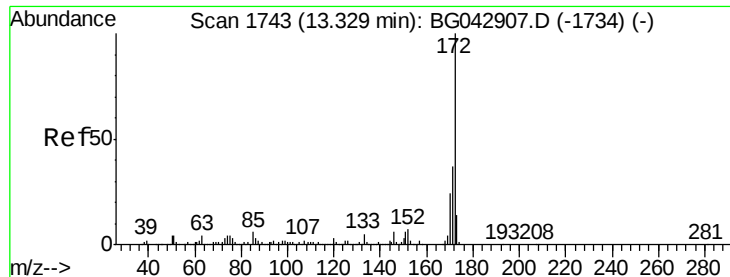
mohammad
 9/24/2019 9:13:23 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.773 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.3	80.0	120.0
97	47.1	38.0	57.0
132	23.1	19.6	29.4





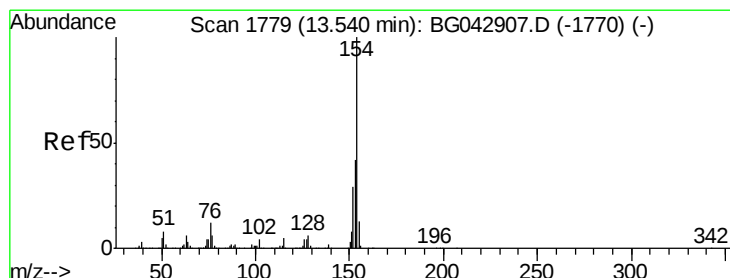
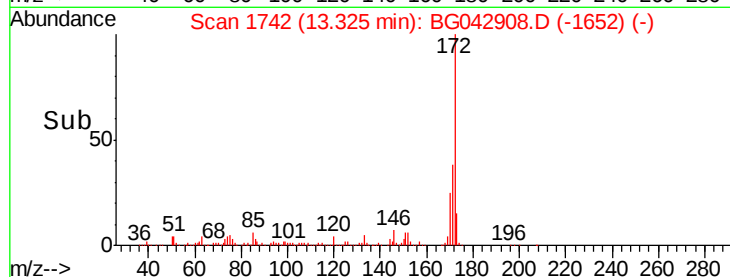
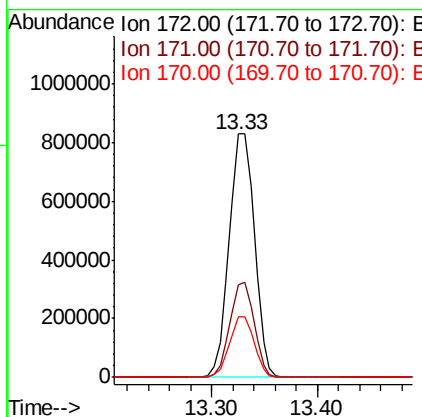
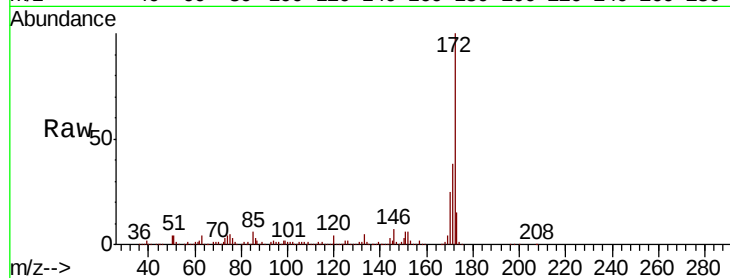
#45
2-Fluorobiphenyl
Concen: 106.393 ng
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	24.8	19.5	29.3

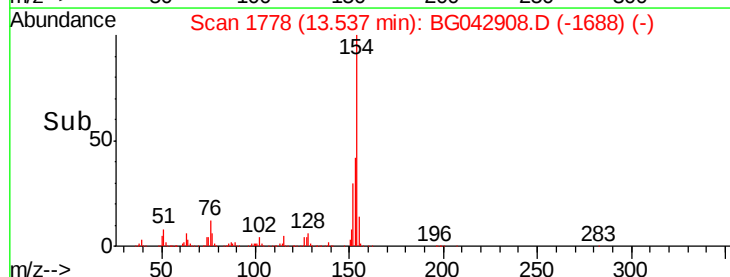
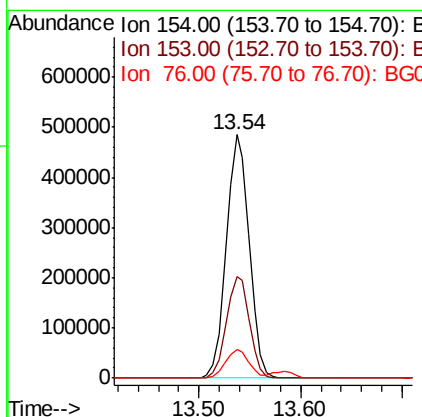
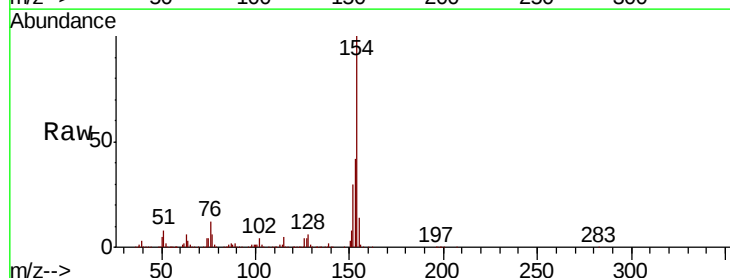
Manual Integrations
APPROVED

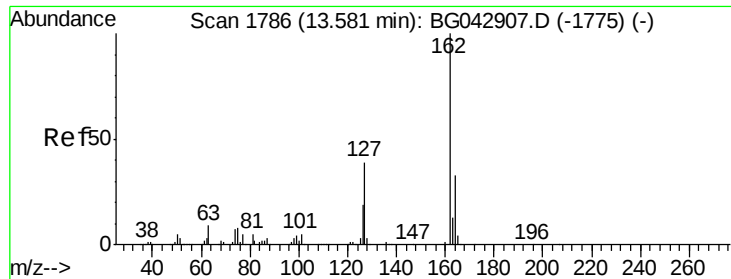
mohammad
9/24/2019 9:13:23 AM



#46
1,1'-Biphenyl
Concen: 51.865 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.3	62.3
76	12.0	0.0	32.0





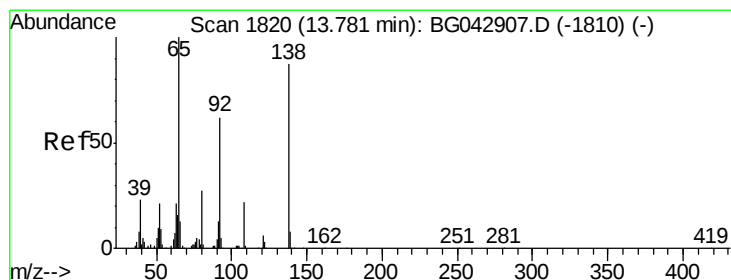
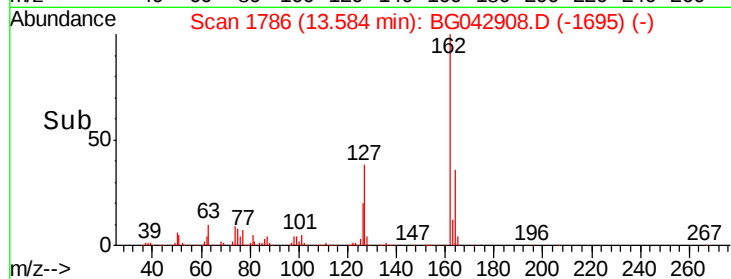
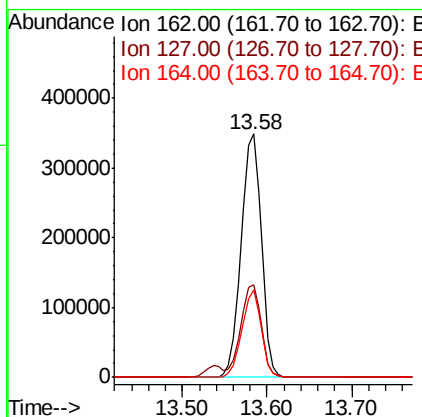
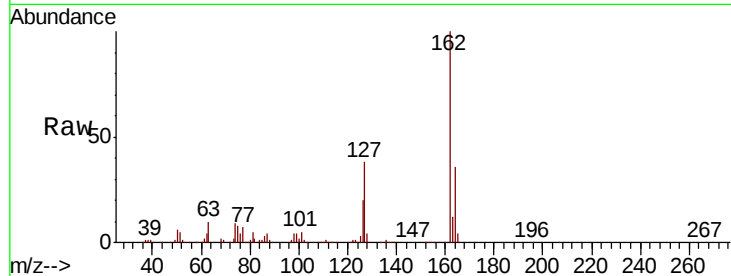
#47
2-Chloronaphthalene
Concen: 49.160 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	35.7	26.6	39.8

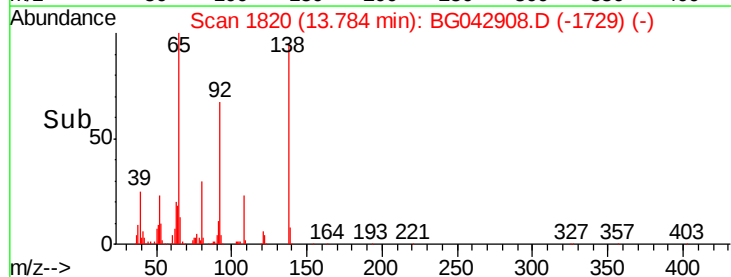
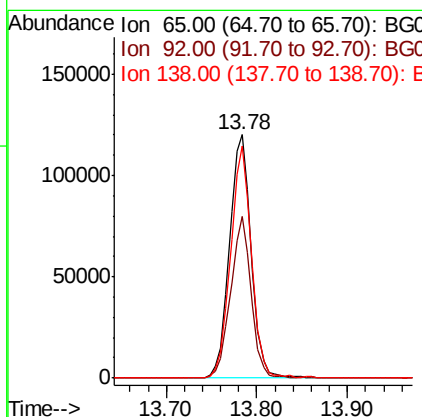
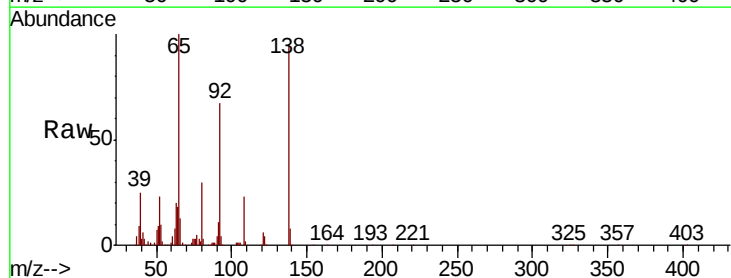
Manual Integrations
APPROVED

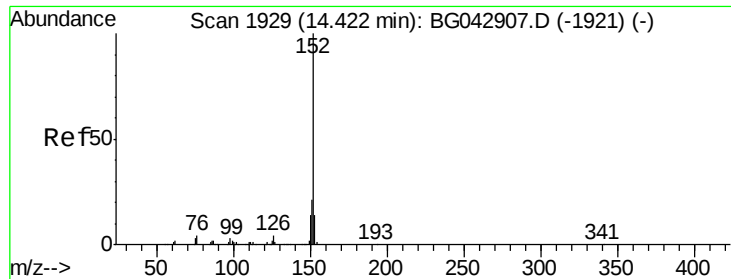
mohammad
9/24/2019 9:13:23 AM



#48
2-Nitroaniline
Concen: 49.426 ng
RT: 13.78 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	49.6	74.4
138	95.2	69.8	104.8





#49

Acenaphthylene

Concen: 49.587 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

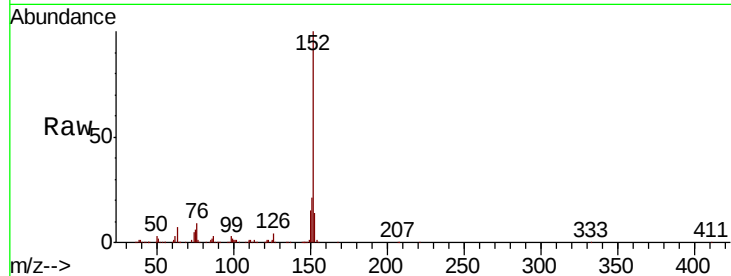
ClientSampleId :

SSTDIC050

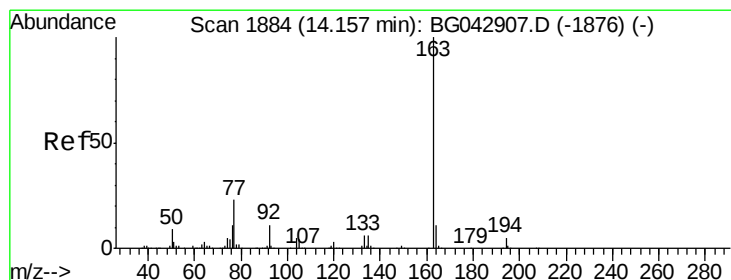
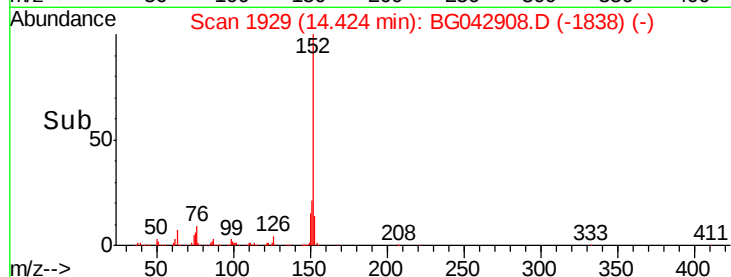
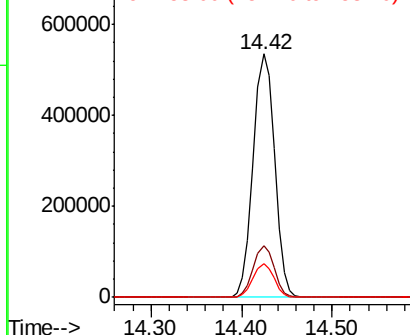
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		883786		
151	21.4	16.9	25.3		
153	13.8	10.9	16.3		

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



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



#50

Dimethylphthalate

Concen: 49.224 ng

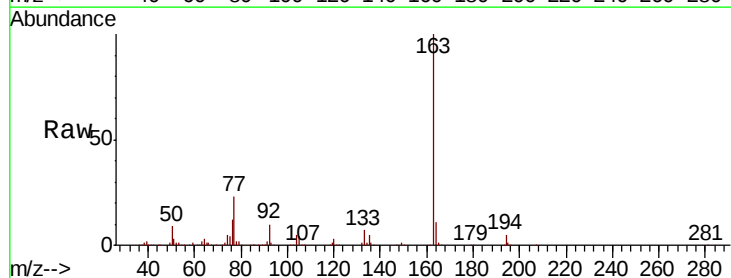
RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

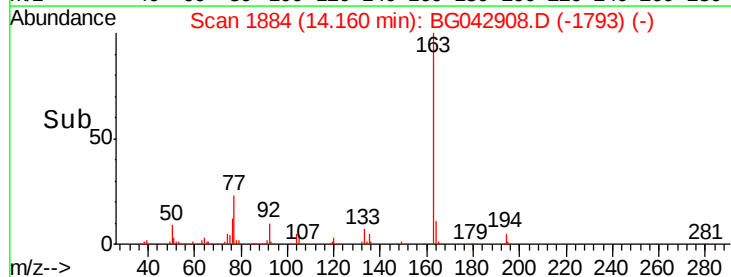
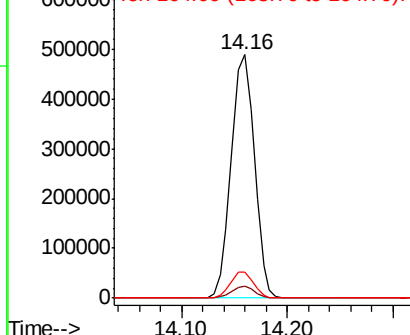
Lab File: BG042908.D

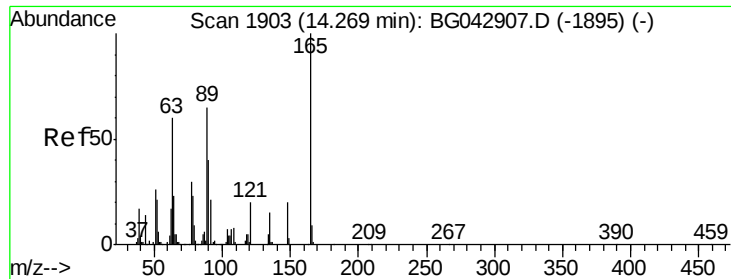
Acq: 21 Sep 2019 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		743368		
194	4.8	3.8	5.6		
164	10.9	8.4	12.6		



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





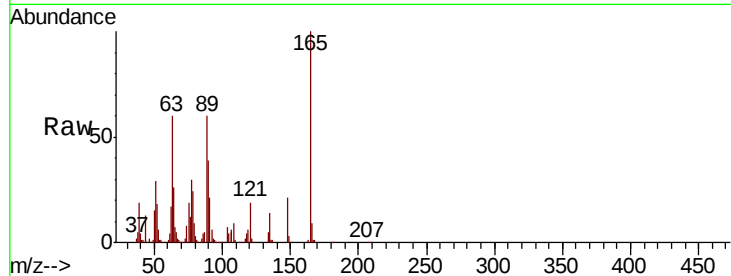
#51
2,6-Dinitrotoluene
Concen: 51.792 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

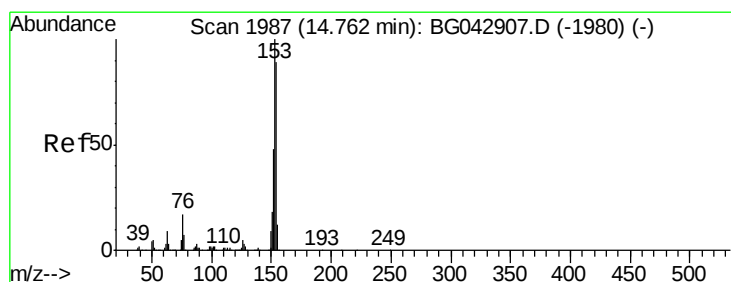
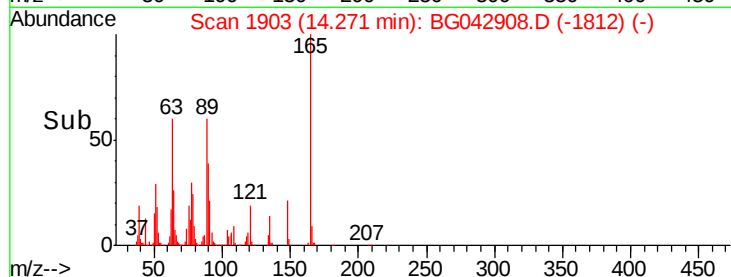
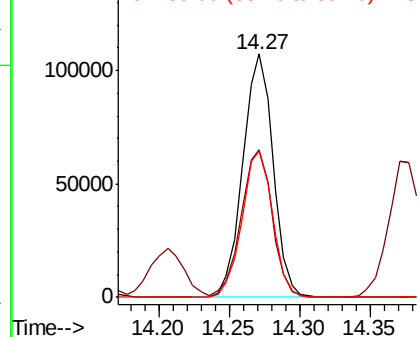
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	52.6	79.0
89	60.3	52.2	78.4

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

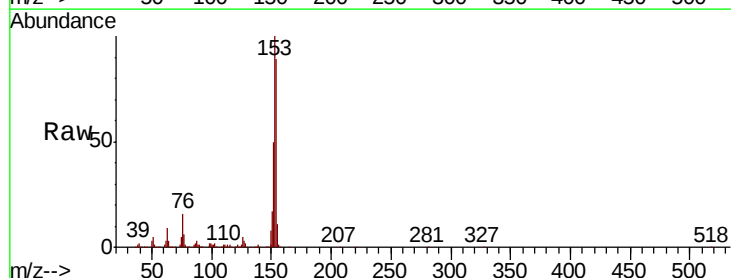


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

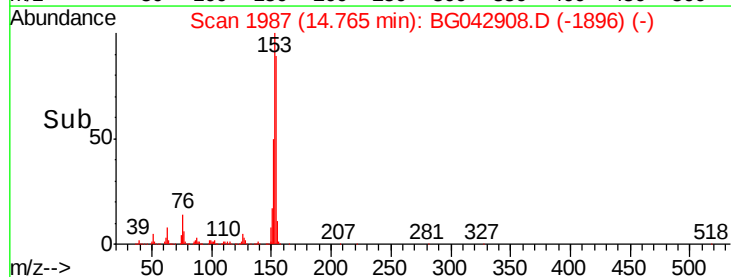
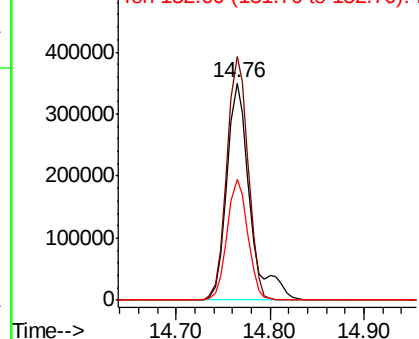


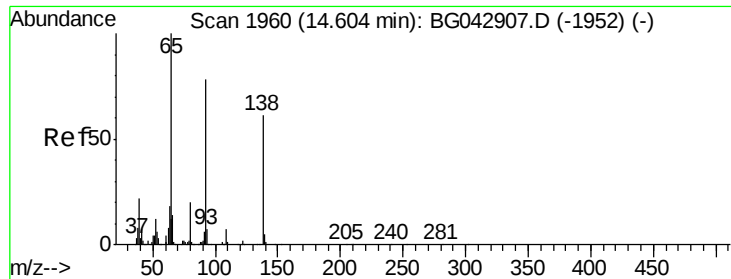
#52
Acenaphthene
Concen: 51.111 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.9	134.9
152	55.9	42.7	64.1



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





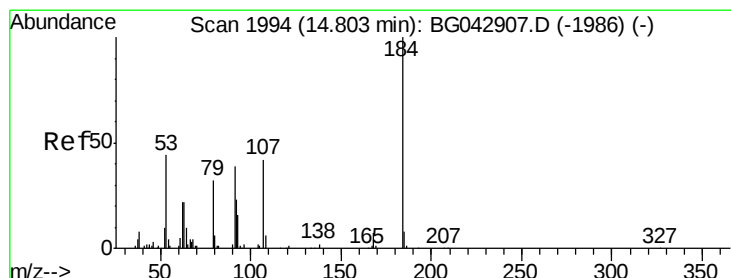
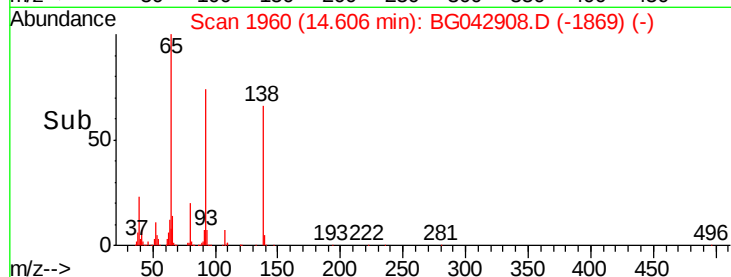
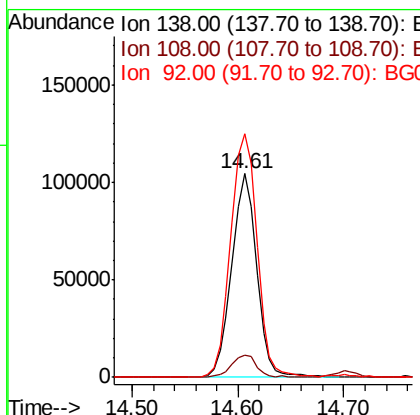
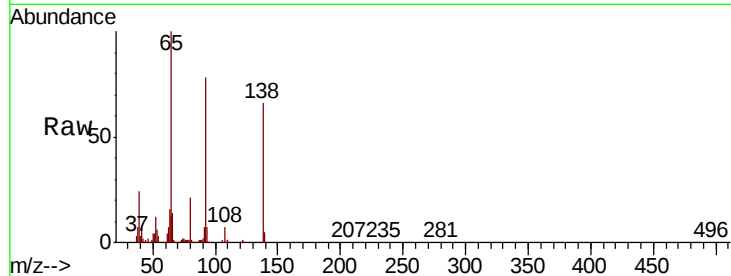
#53
3-Nitroaniline
Concen: 49.380 ng
RT: 14.61 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.7	14.5
92	119.7	103.0	154.6

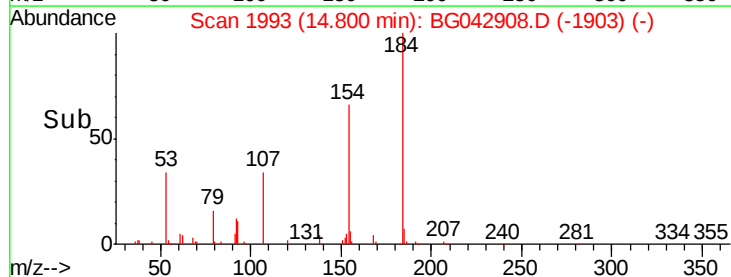
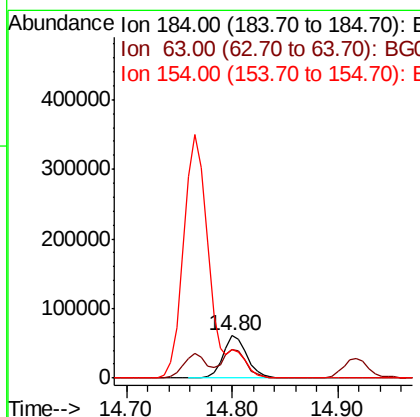
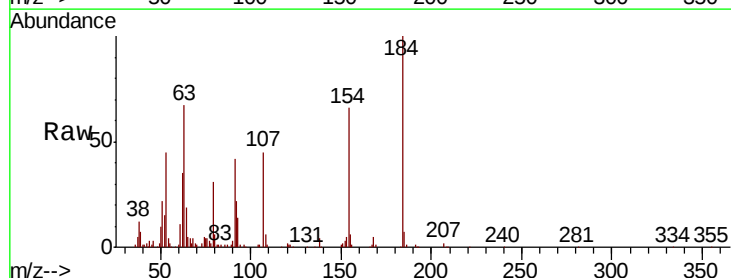
Manual Integrations
APPROVED

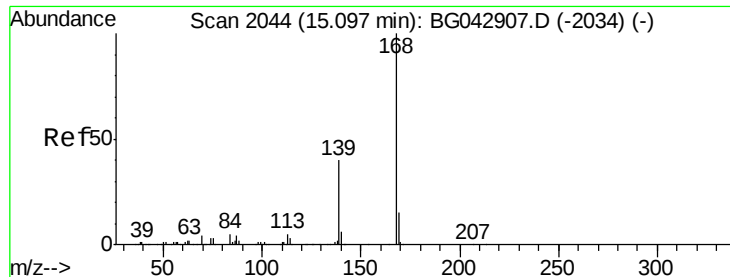
mohammad
9/24/2019 9:13:23 AM



#54
2,4-Dinitrophenol
Concen: 61.217 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	55.0	82.4
154	66.2	54.2	81.4





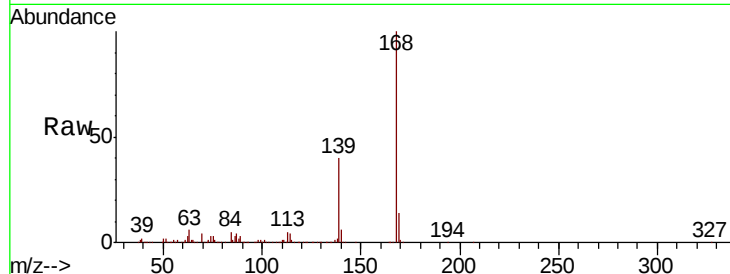
#55
Dibenzenofuran
Concen: 49.779 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

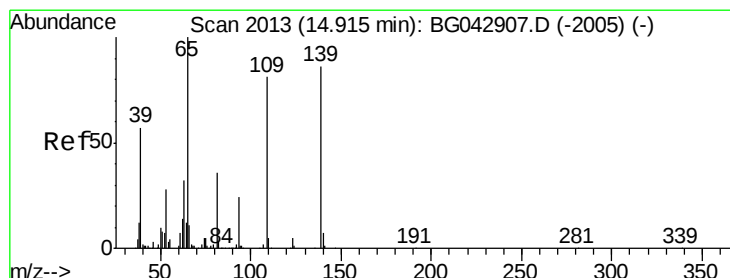
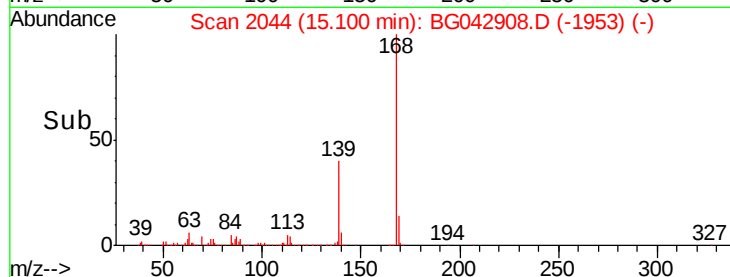
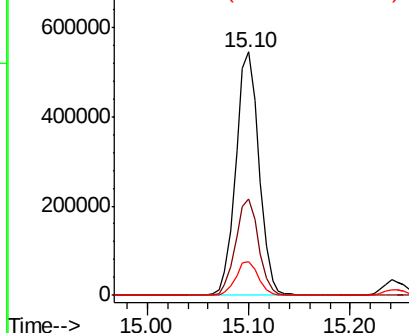
Tot Ion	Ratio	Resp	Lower	Upper
168	100	861234		
139	39.6		32.4	48.6
169	13.9		11.6	17.4

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

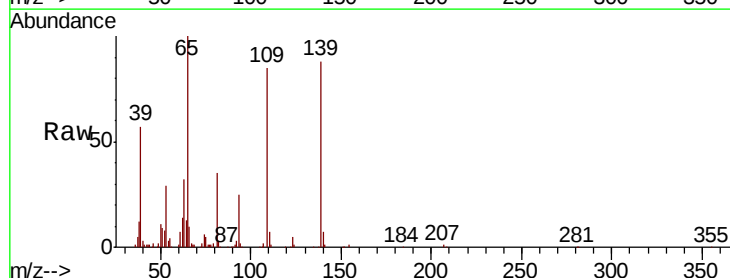


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

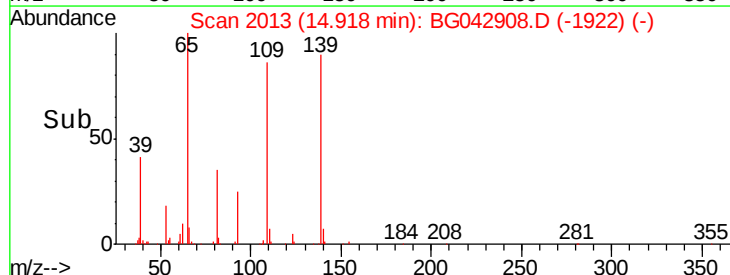
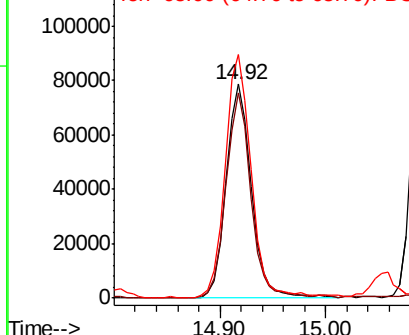


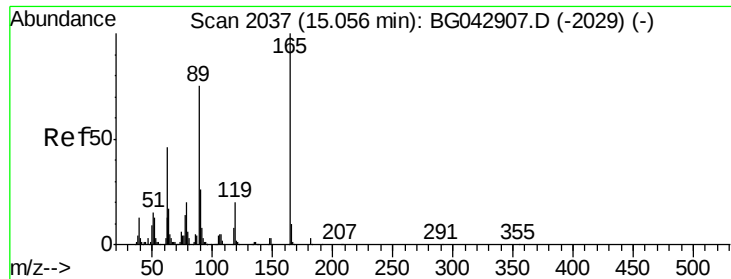
#56
4-Nitrophenol
Concen: 48.623 ng
RT: 14.92 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	129816		
109	96.2		73.4	113.4
65	113.8		96.0	136.0



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





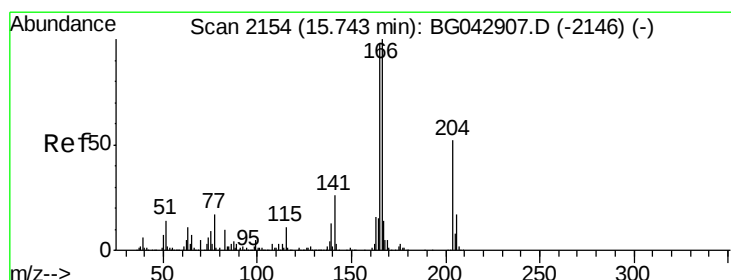
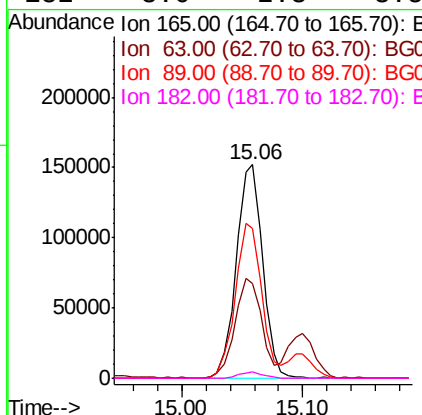
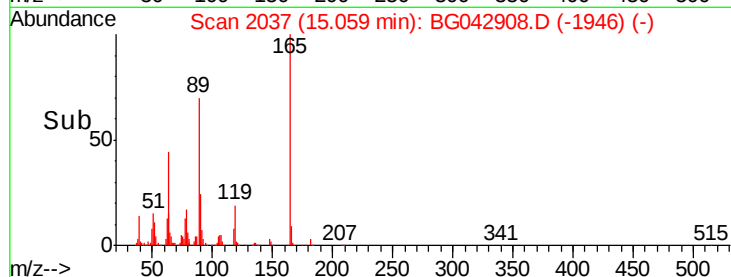
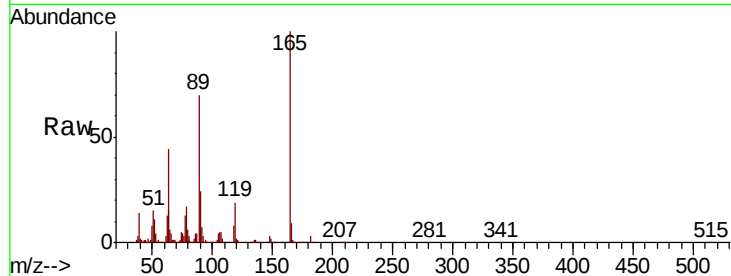
#57
2,4-Dinitrotoluene
Concen: 55.404 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		231601		
63	44.4	37.4	56.0		
89	70.3	59.8	89.8		
182	3.0	2.3	3.5		

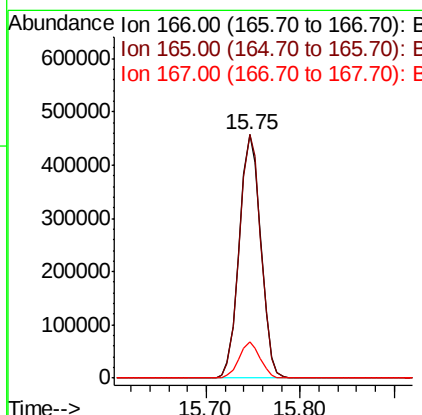
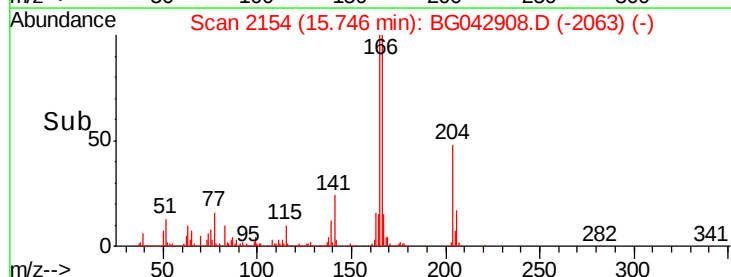
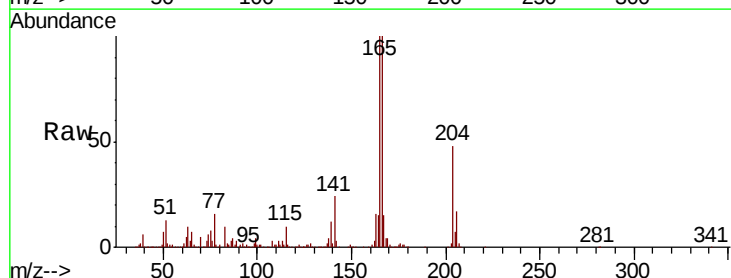
Manual Integrations
APPROVED

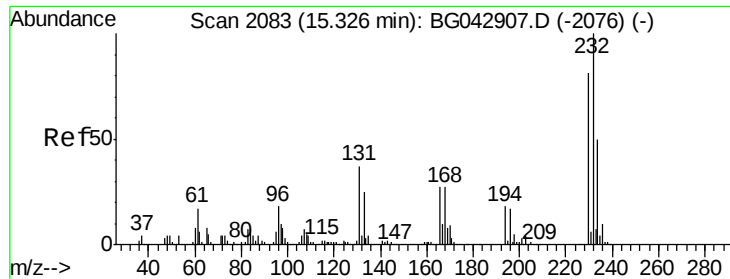
mohammad
9/24/2019 9:13:23 AM



#58
Fluorene
Concen: 50.314 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		726499		
165	100.1	78.2	117.2		
167	14.7	10.9	16.3		





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.432 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

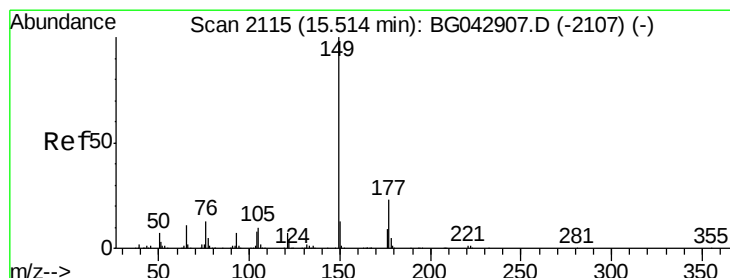
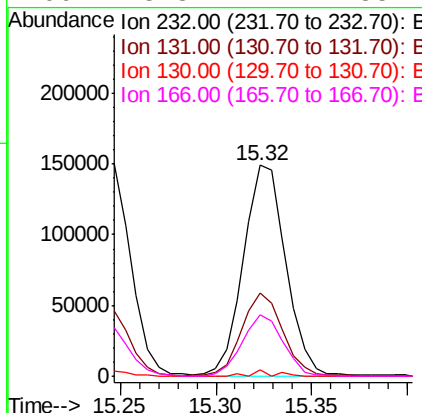
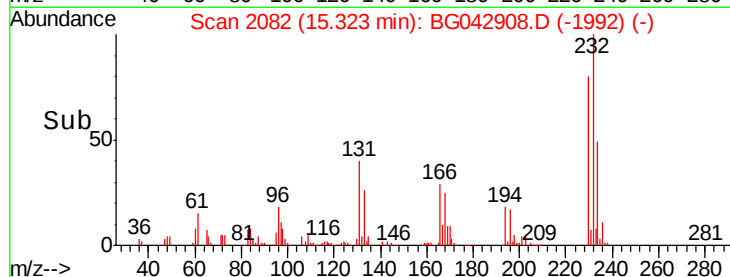
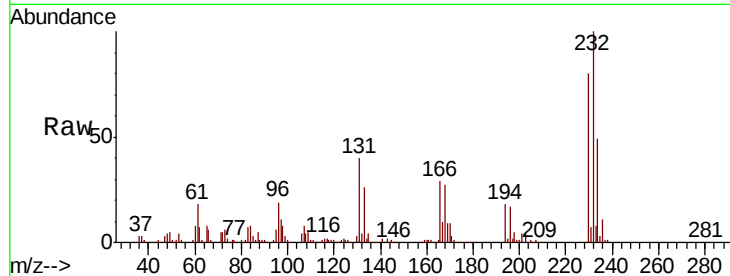
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
232	100	232452		
131	34.5		30.7	46.1
130	2.6		2.0	3.0
166	23.3		22.1	33.1

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#60

Diethylphthalate

Concen: 48.861 ng

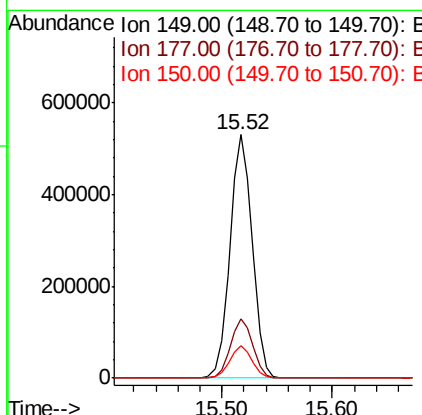
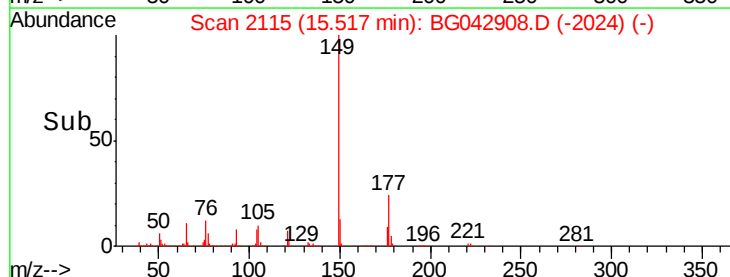
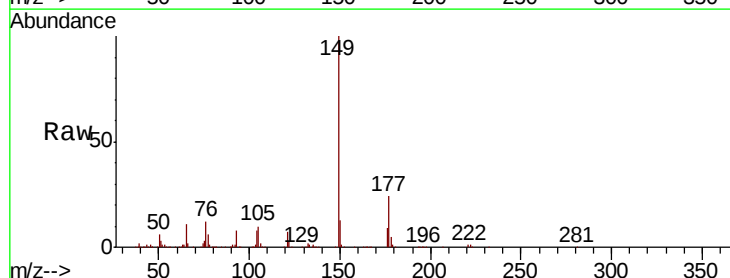
RT: 15.52 min Scan# 2115

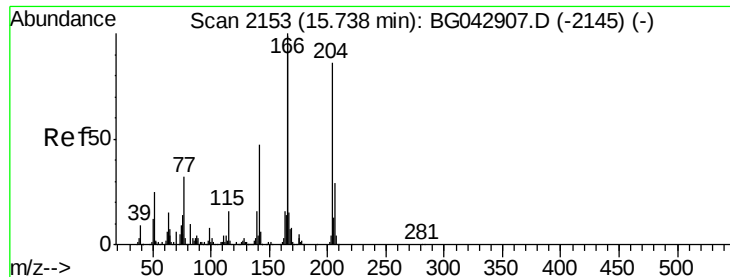
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	748247		
177	24.4		18.4	27.6
150	13.3		10.2	15.2





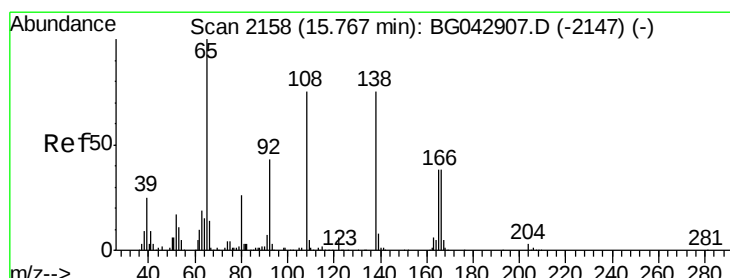
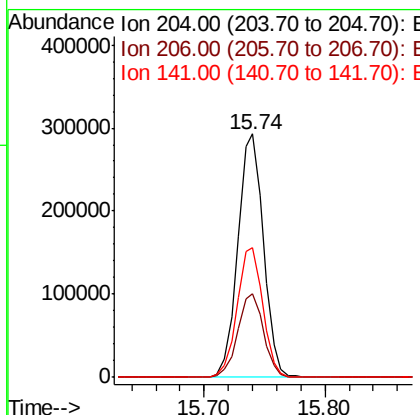
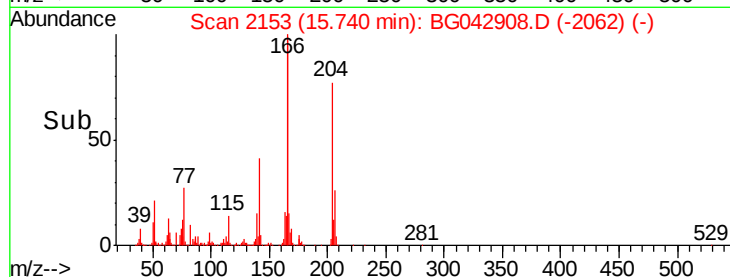
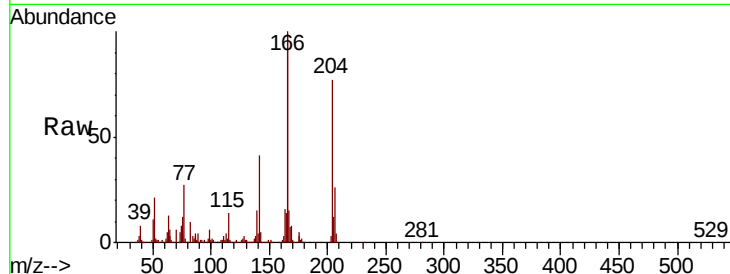
#61
4-Chlorophenyl-phenylether
Concen: 50.666 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.4	41.0
141	53.0	43.7	65.5

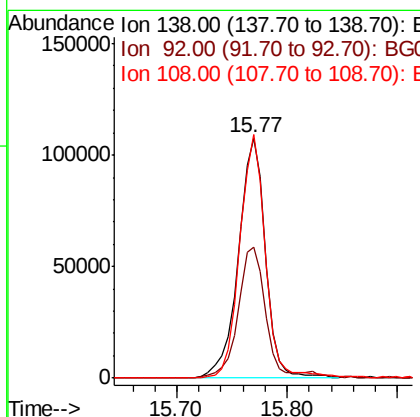
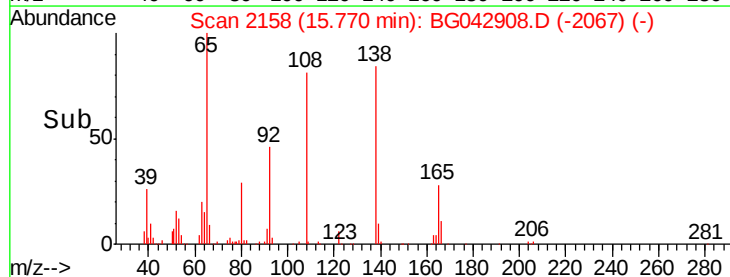
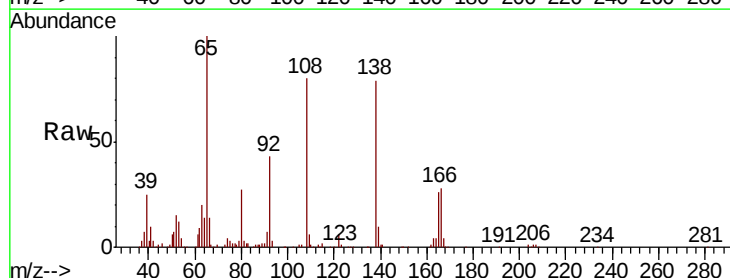
Manual Integrations
APPROVED

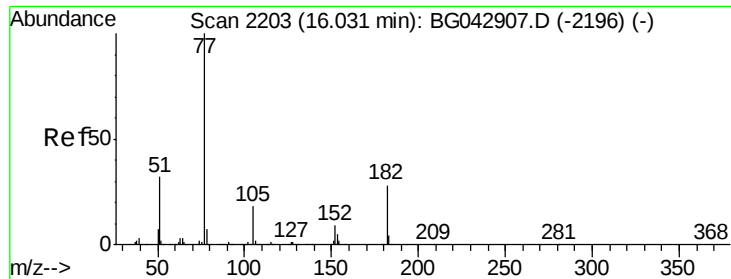
mohammad
9/24/2019 9:13:23 AM



#62
4-Nitroaniline
Concen: 49.712 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	37.3	77.3
108	101.3	80.7	120.7





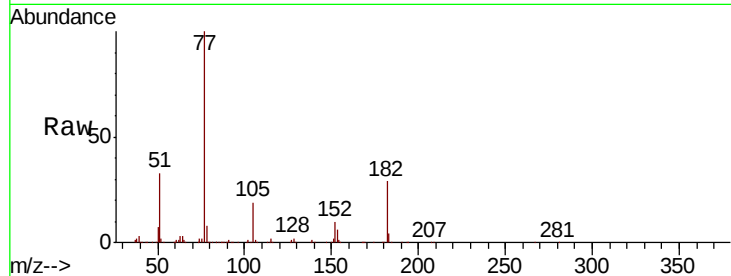
#63
Azobenzene
Concen: 49.188 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

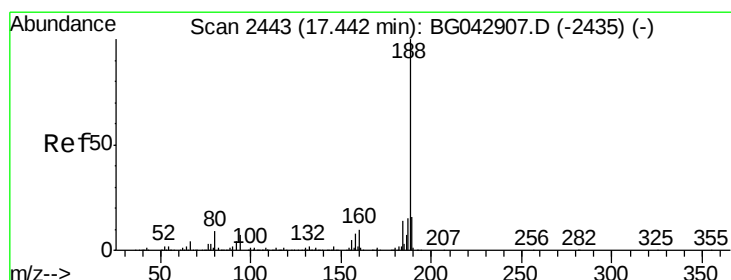
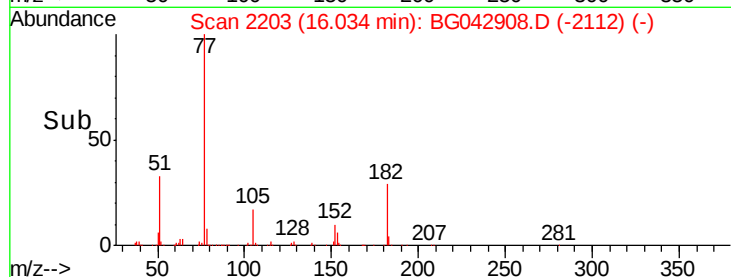
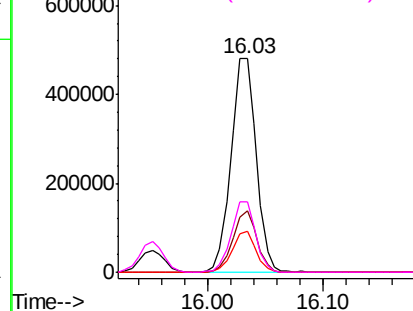
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.6	7.9	47.9	
105	19.0	0.0	38.2	
51	33.2	12.5	52.5	

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

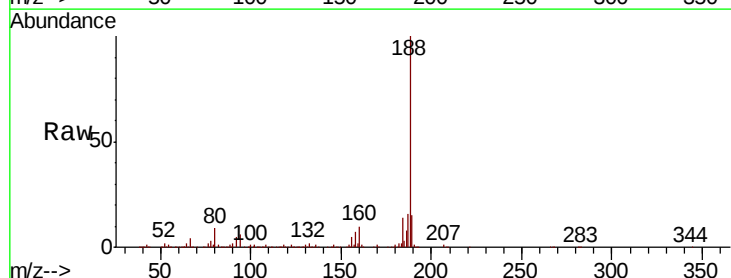


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

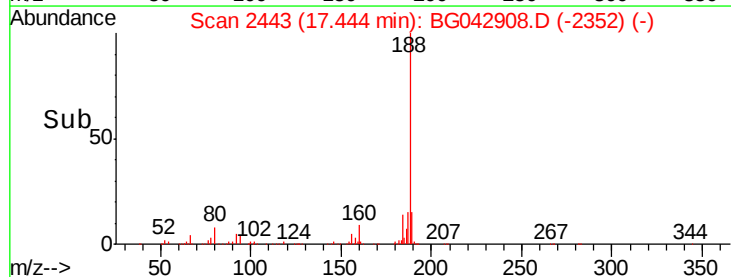
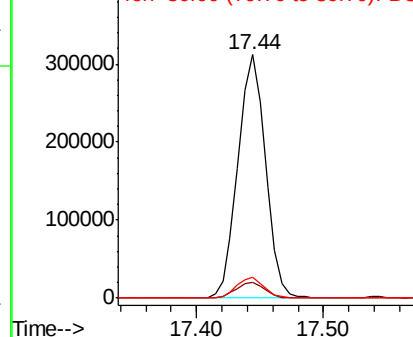


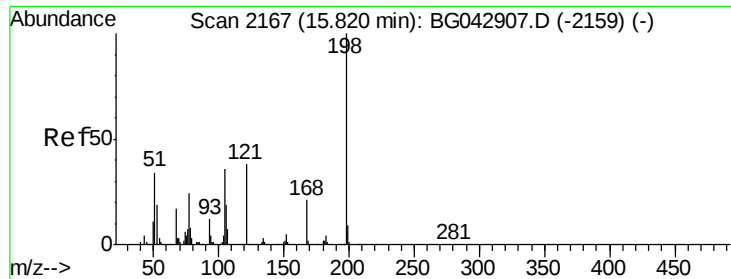
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.7	8.5	
80	8.6	6.9	10.3	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





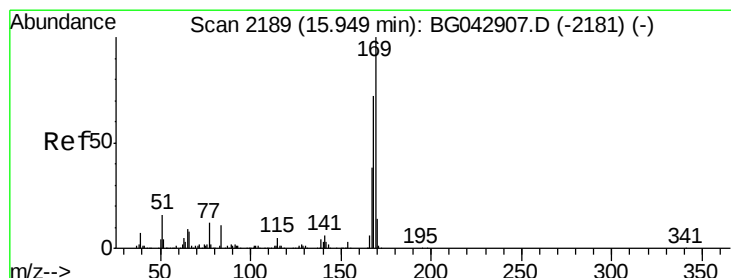
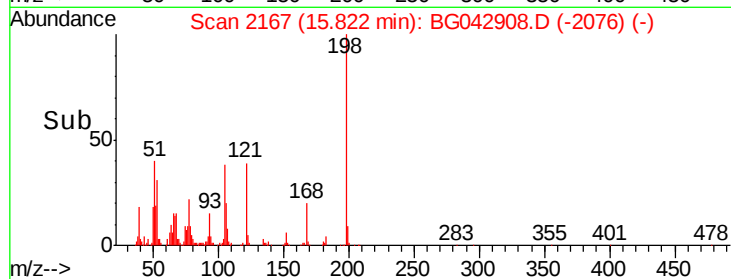
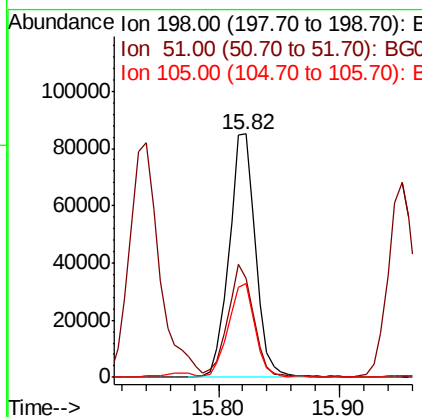
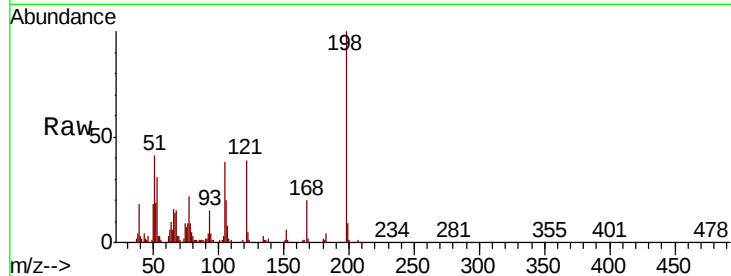
#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.145 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129139		
51	40.7		21.9	61.9
105	38.4		17.7	57.7

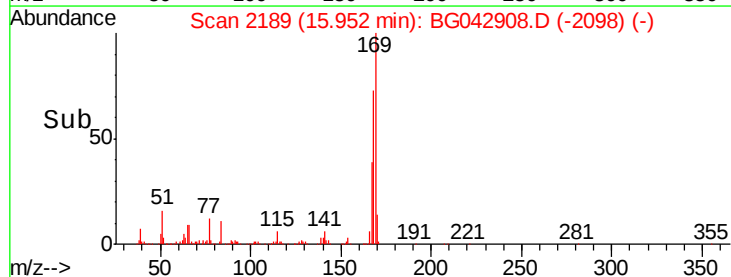
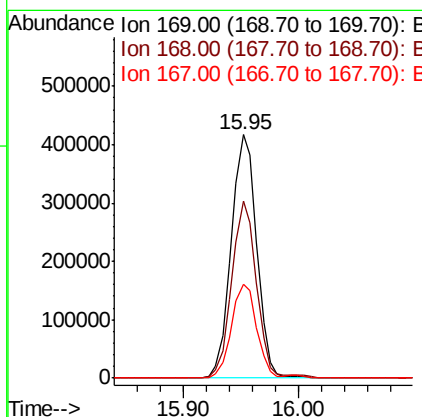
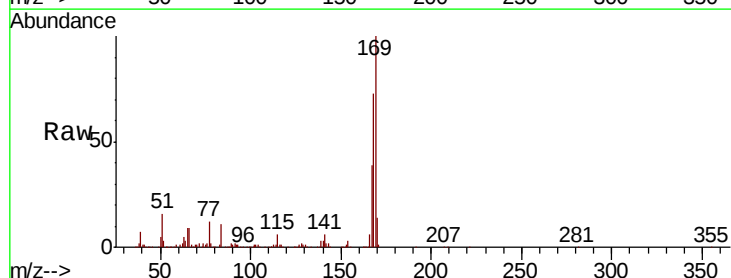
Manual Integrations
 APPROVED

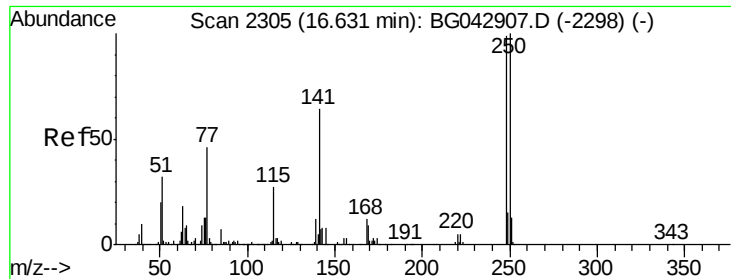
mohammad
 9/24/2019 9:13:23 AM



#66
 n-Nitrosodiphenylamine
 Concen: 50.215 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	635771		
168	72.9		57.4	86.2
167	38.7		30.3	45.5





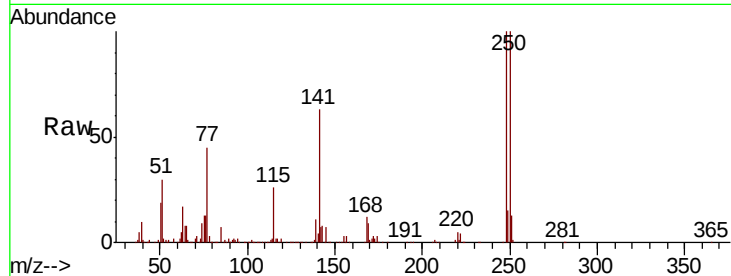
#67
4-Bromophenyl-phenylether
Concen: 51.409 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
248	100	292803		
250	100.5		80.8	121.2
141	63.0		51.8	77.6

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM

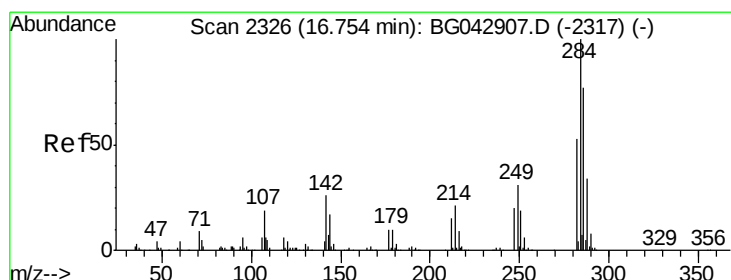
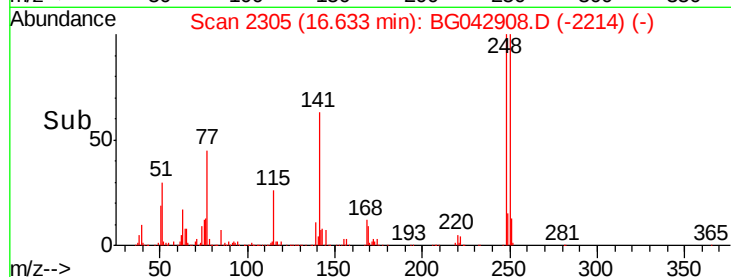
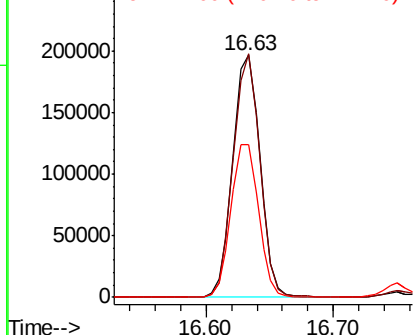


Abundance

Ion 248.00 (247.70 to 248.70): E

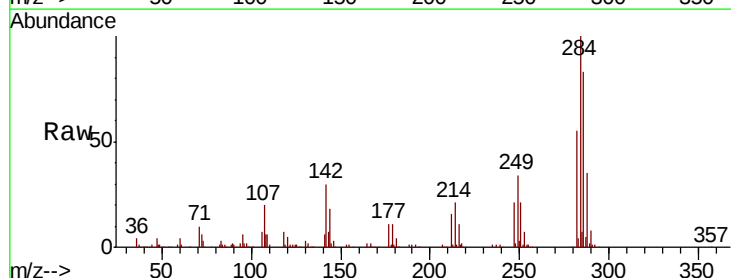
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.920 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	317399		
142	29.9		21.1	31.7
249	33.5		24.8	37.2

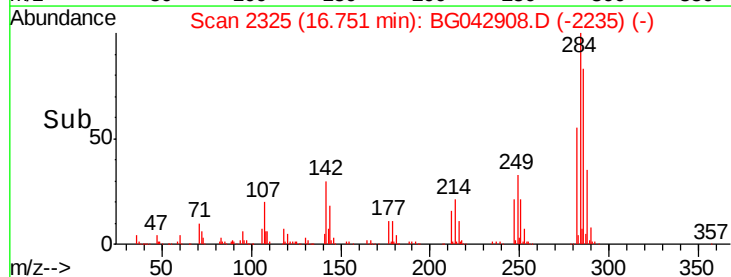
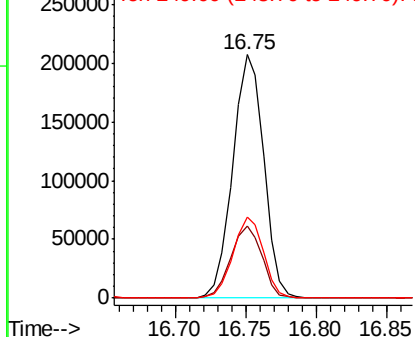


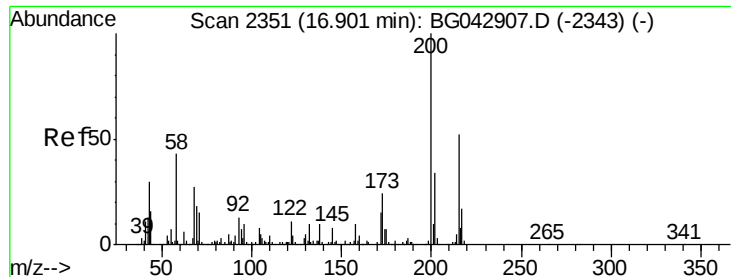
Abundance

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





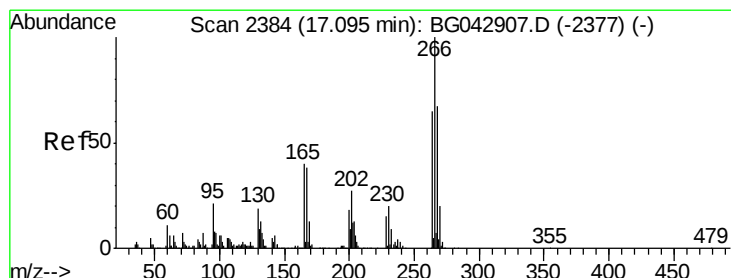
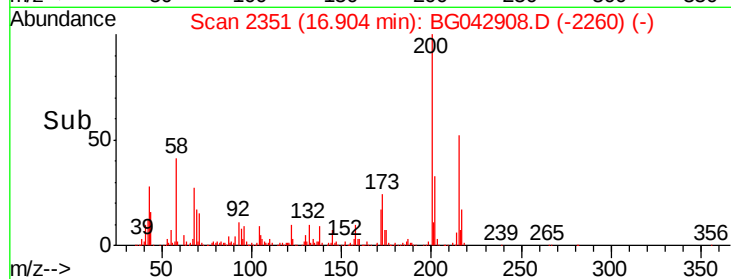
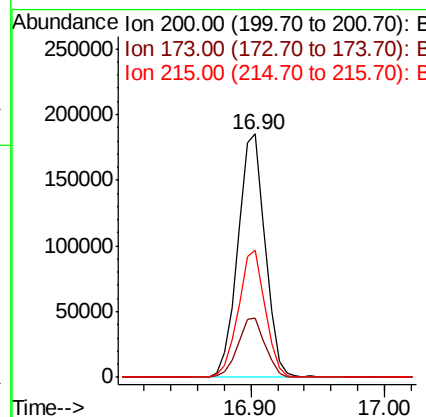
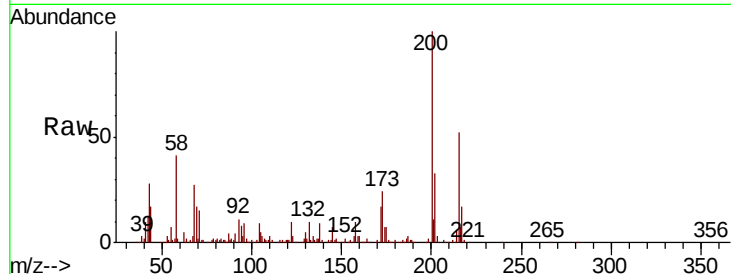
#69
Atrazine
Concen: 56.635 ng
RT: 16.90 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	4.2	44.2
215	52.2	32.5	72.5

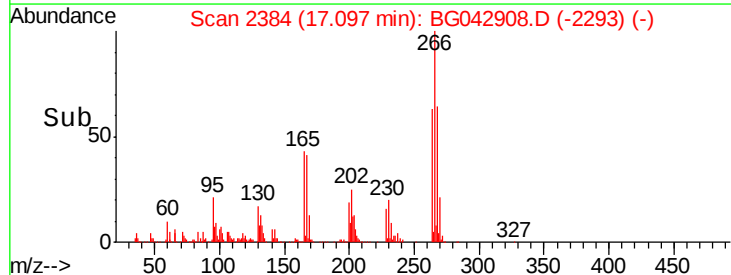
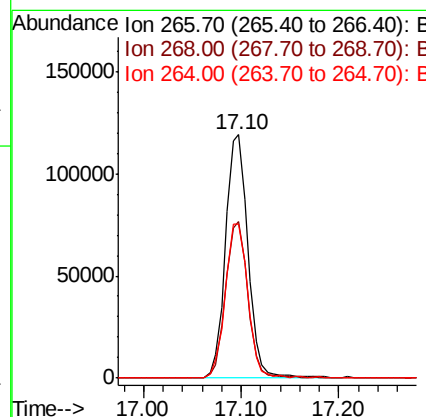
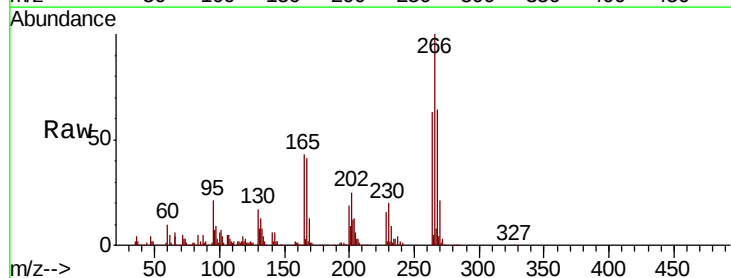
Manual Integrations
APPROVED

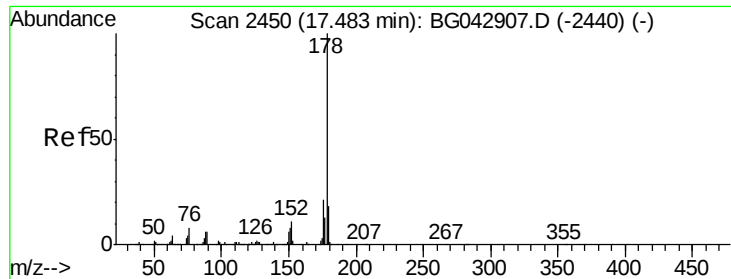
mohammad
9/24/2019 9:13:23 AM



#70
Pentachlorophenol
Concen: 52.739 ng
RT: 17.10 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	53.6	80.4
264	63.4	51.7	77.5





#71

Phenanthrene

Concen: 50.983 ng

RT: 17.49 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 1146610

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

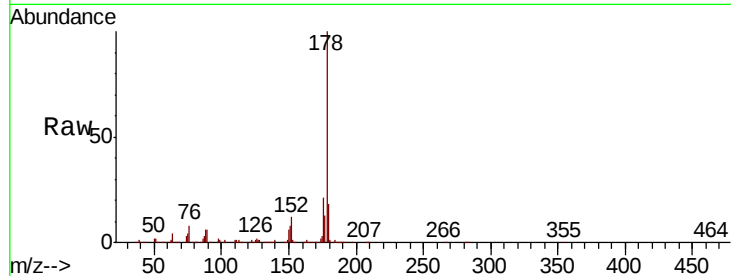
179 17.6 14.4 21.6

Manual Integrations

APPROVED

mohammad

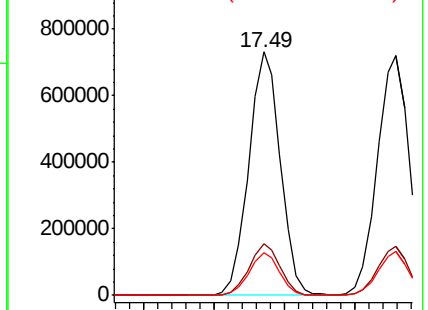
9/24/2019 9:13:23 AM



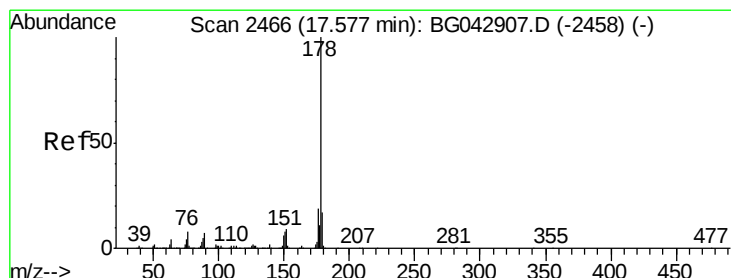
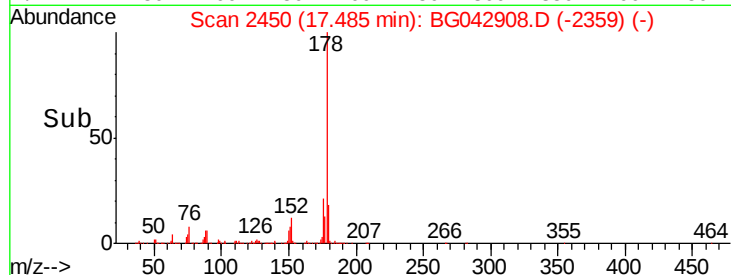
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 50.852 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

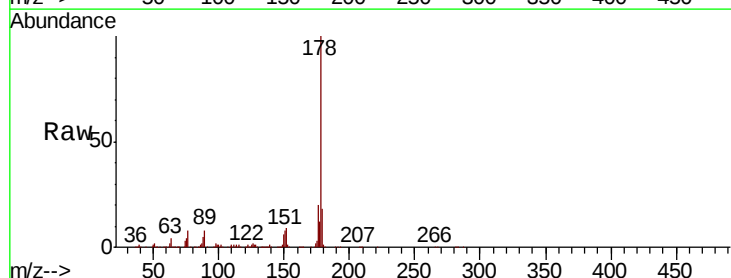
Tgt Ion:178 Resp: 1143933

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

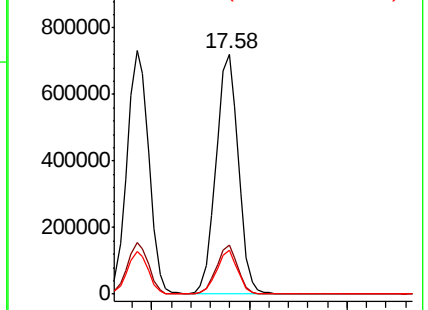
179 18.4 13.6 20.4



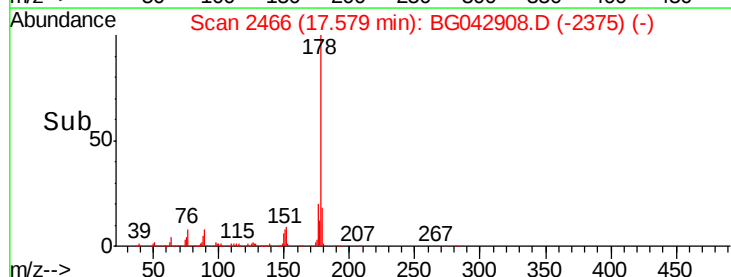
Abundance Ion 178.00 (177.70 to 178.70): E

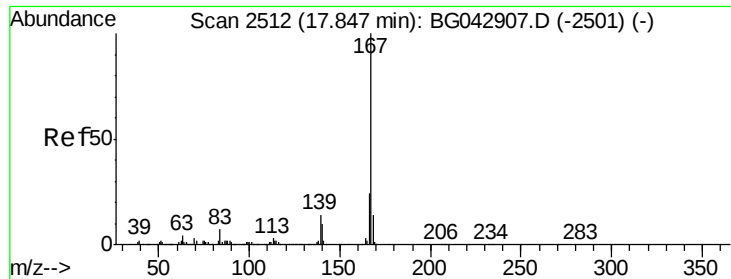
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





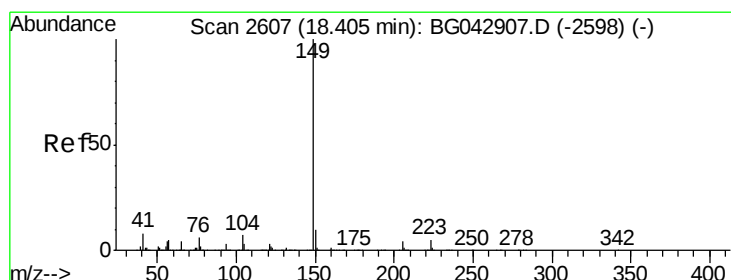
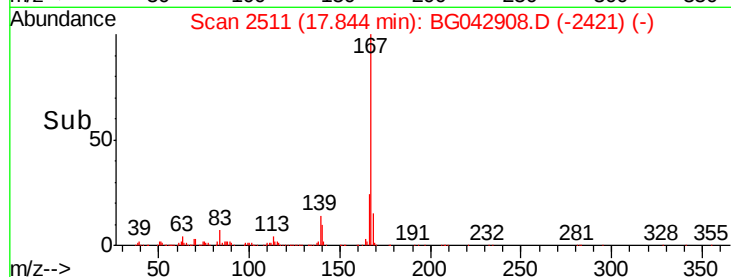
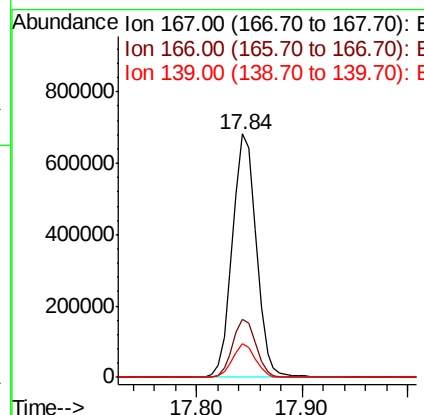
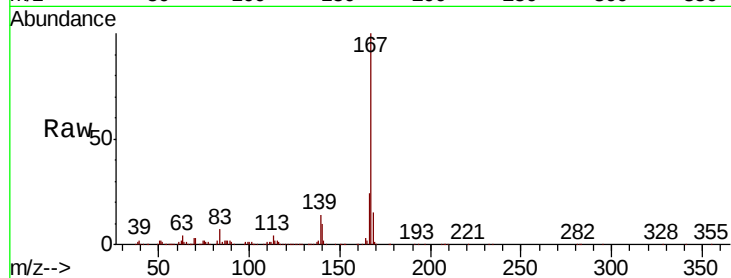
#73
 Carbazole
 Concen: 50.169 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.3	28.9
139	14.0	11.0	16.4

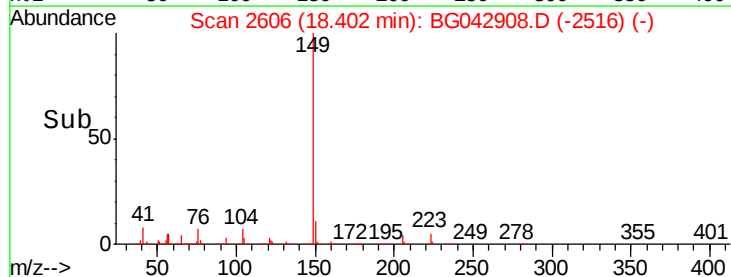
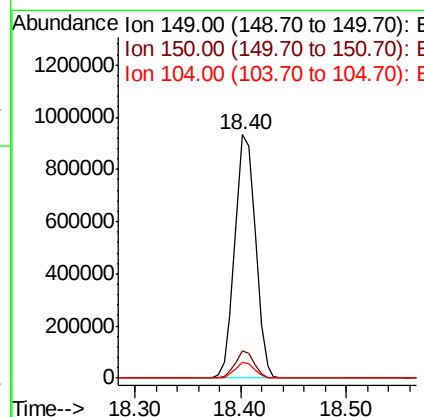
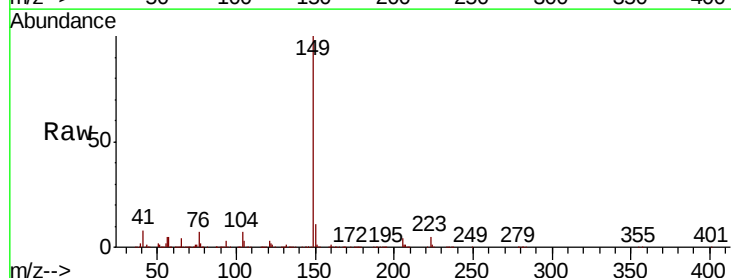
Manual Integrations
 APPROVED

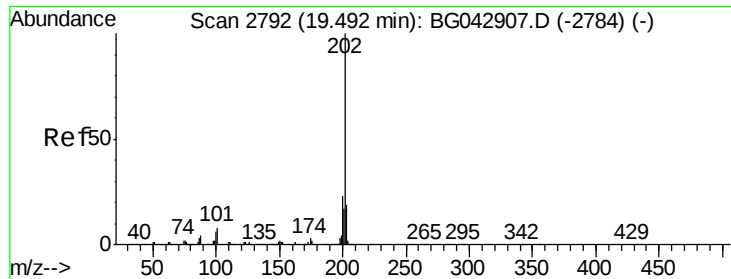
mohammad
 9/24/2019 9:13:23 AM



#74
 Di-n-butylphthalate
 Concen: 49.429 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BG042908.D
 Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.1	12.1
104	6.6	5.2	7.8





#75

Fluoranthene

Concen: 49.693 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 1441584

Ion Ratio Lower Upper

202 100

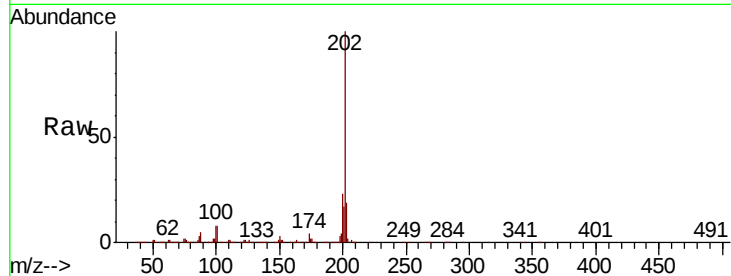
101 8.3 0.0 27.7

203 19.1 0.0 38.7

Manual Integrations
APPROVED

mohammad

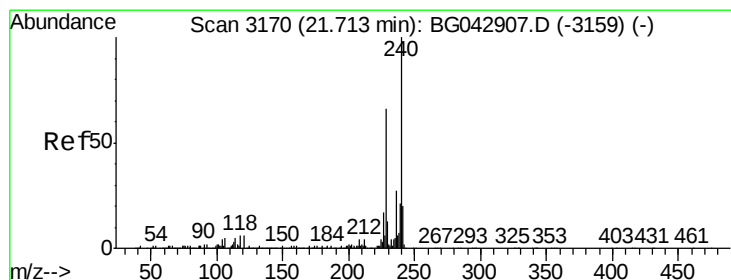
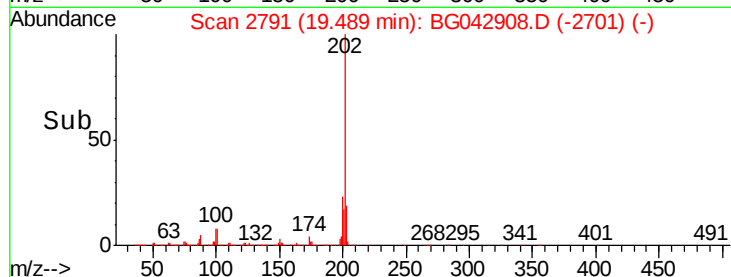
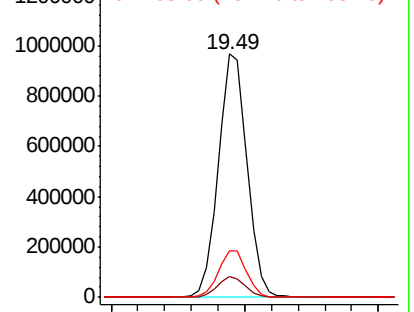
9/24/2019 9:13:23 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

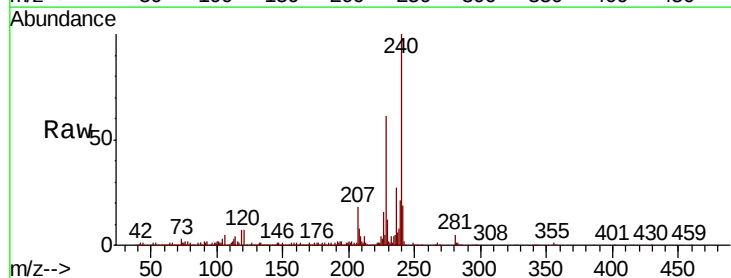
Tgt Ion:240 Resp: 487679

Ion Ratio Lower Upper

240 100

120 6.8 5.2 7.8

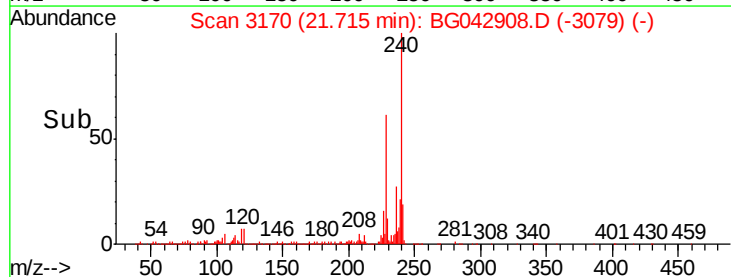
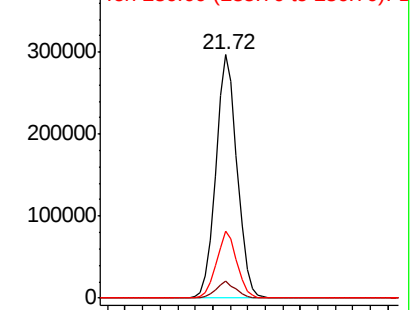
236 27.3 21.7 32.5

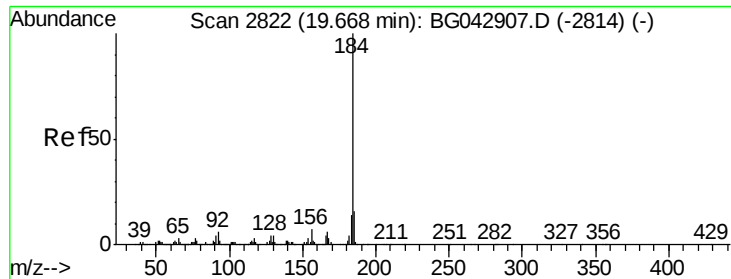


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.790 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

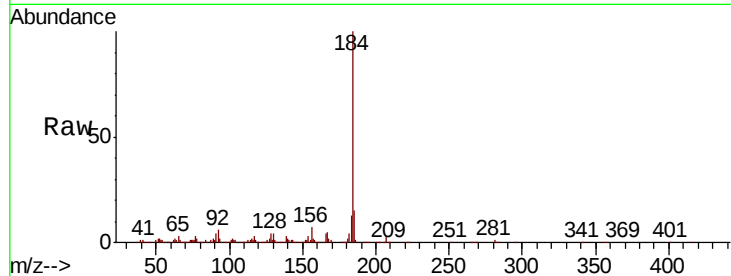
ClientSampleId :

SSTDIC050

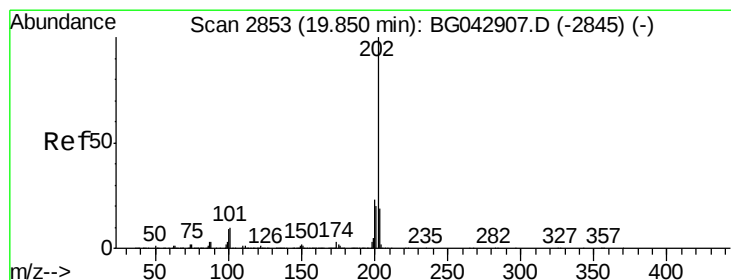
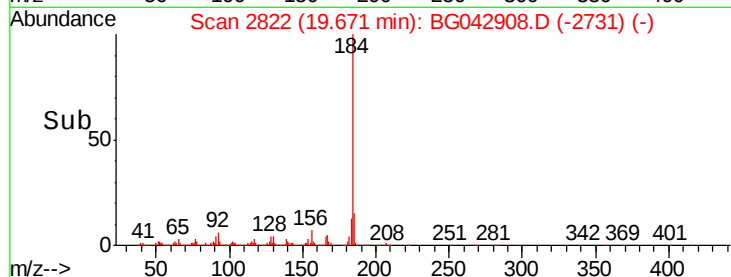
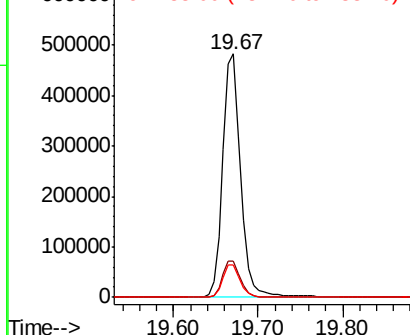
Tot Ion:	184	Resp:	711093
Ion Ratio		Lower	Upper
184	100		
185	15.1	12.6	19.0
183	13.3	10.9	16.3

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



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

Pyrene

Concen: 48.668 ng

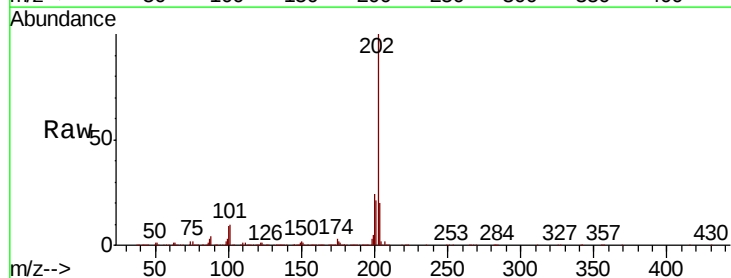
RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

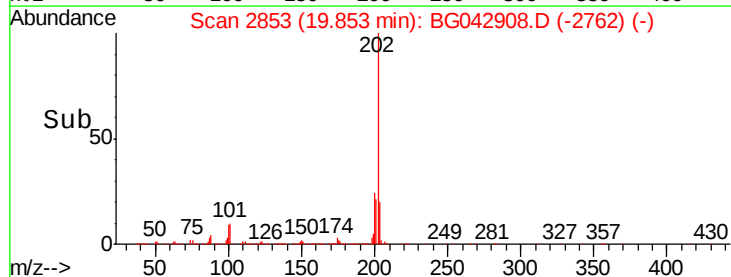
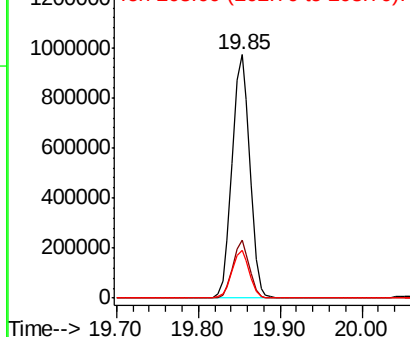
Lab File: BG042908.D

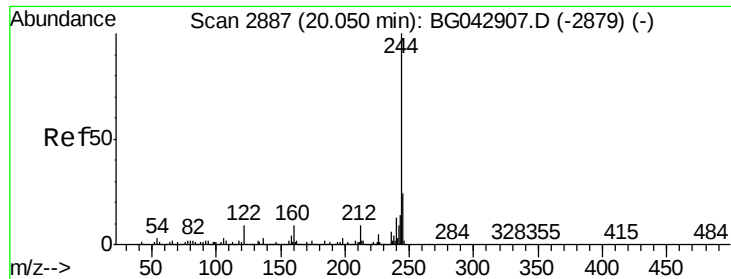
Acq: 21 Sep 2019 12:32

Tgt Ion:	202	Resp:	1471728
Ion Ratio		Lower	Upper
202	100		
200	23.9	18.5	27.7
203	19.8	15.4	23.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.777 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:244 Resp: 2294218

Ion Ratio Lower Upper

244 100

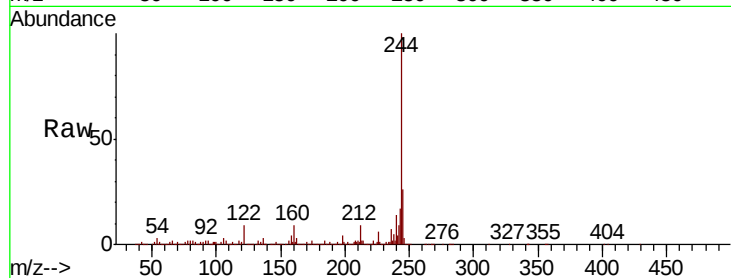
212 9.4 7.1 10.7

122 9.3 6.9 10.3

Manual Integrations
APPROVED

mohammad

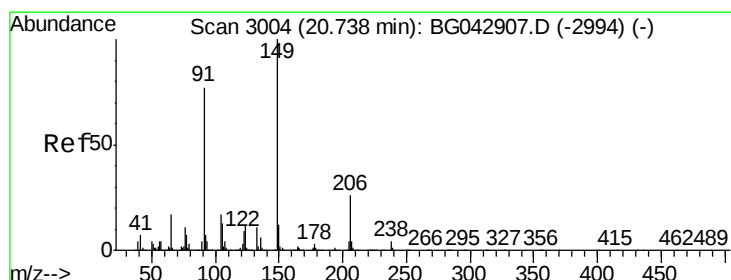
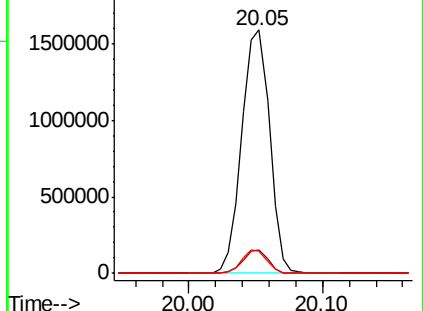
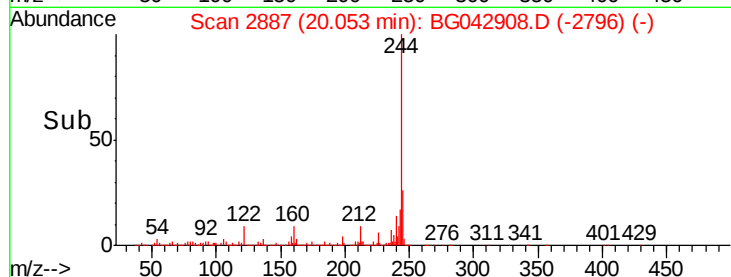
9/24/2019 9:13:23 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.927 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

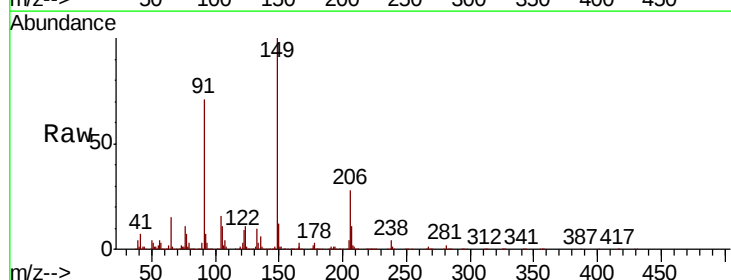
Tgt Ion:149 Resp: 581808

Ion Ratio Lower Upper

149 100

91 71.2 61.4 92.2

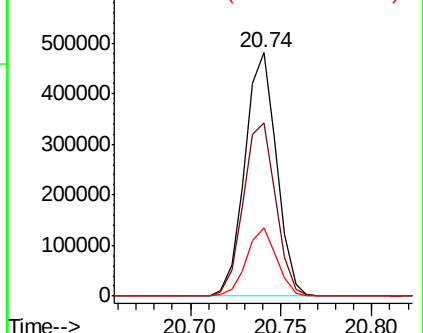
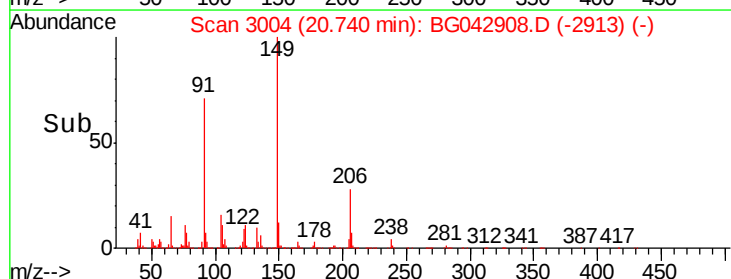
206 28.0 21.0 31.6

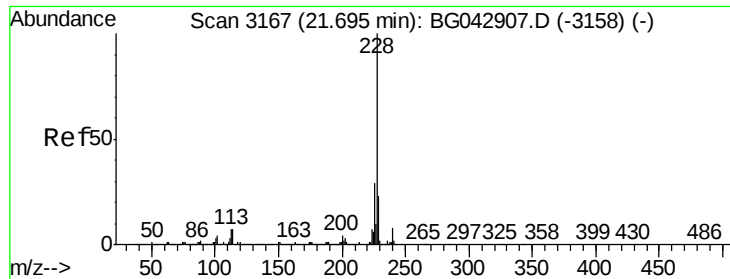


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.032 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 1509918

Ion Ratio Lower Upper

228 100

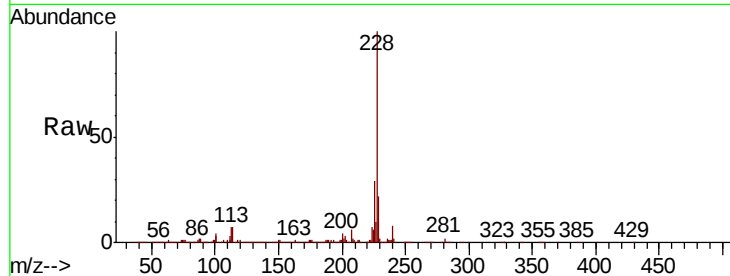
226 28.8 23.3 34.9

229 22.0 18.0 27.0

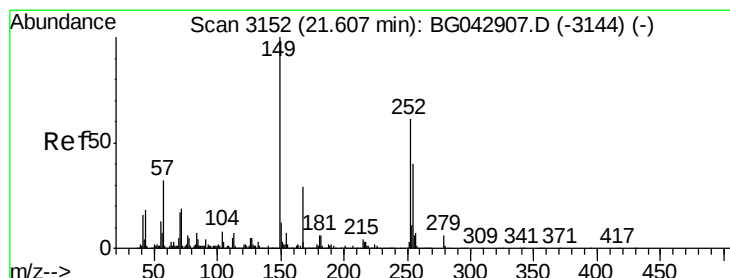
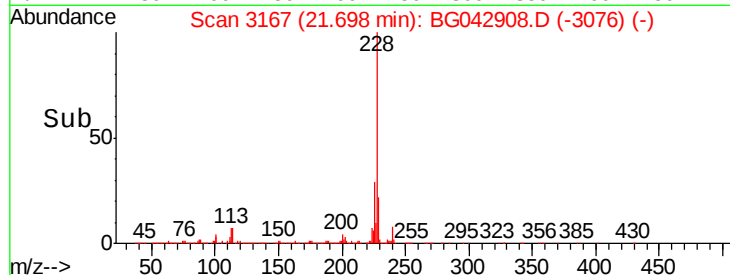
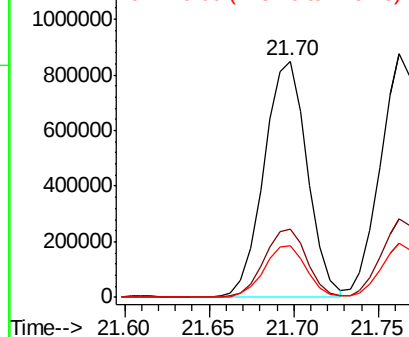
Manual Integrations
APPROVED

mohammad

9/24/2019 9:13:23 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 50.563 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

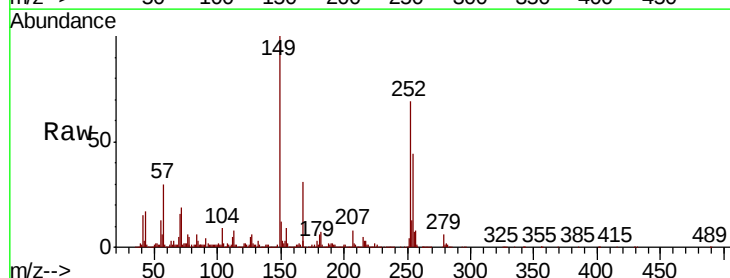
Tgt Ion:252 Resp: 609280

Ion Ratio Lower Upper

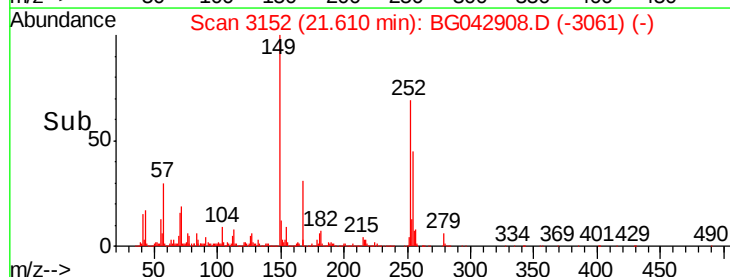
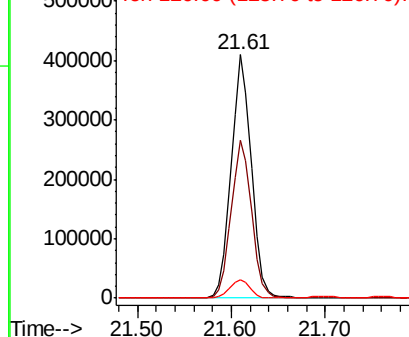
252 100

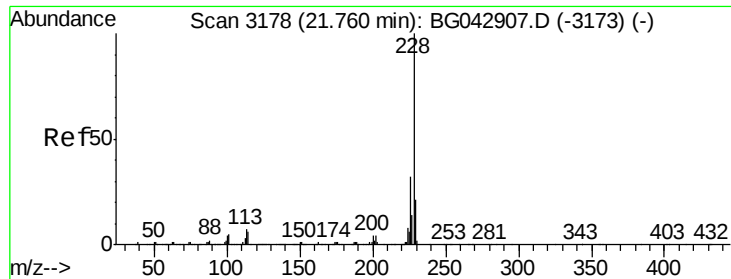
254 64.8 52.1 78.1

126 7.7 5.9 8.9



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





#83

Chrysene

Concen: 49.789 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

ClientSampled :

SSTDIC050

Tot Ion:228 Resp: 1458680

Ion Ratio Lower Upper

228 100

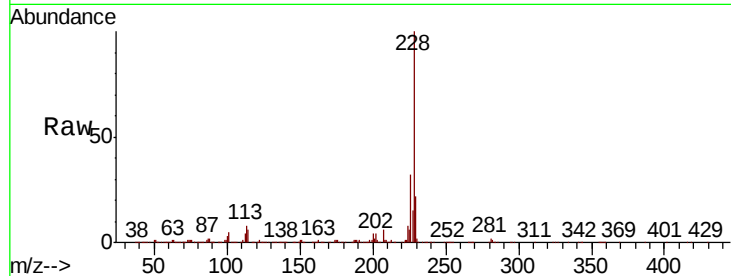
226 32.2 25.3 37.9

229 22.1 16.5 24.7

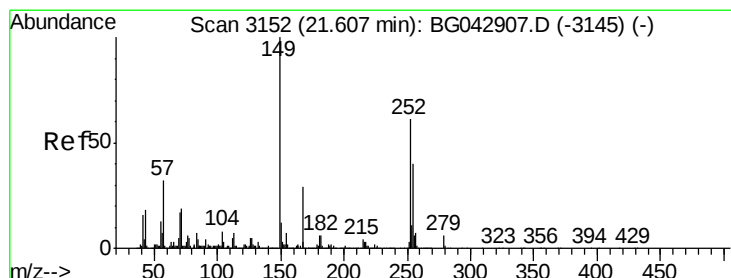
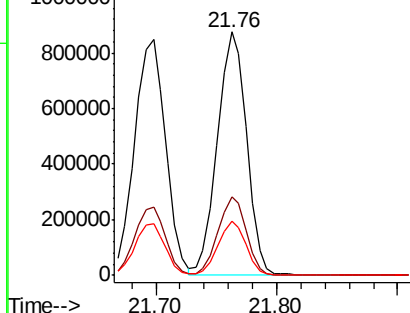
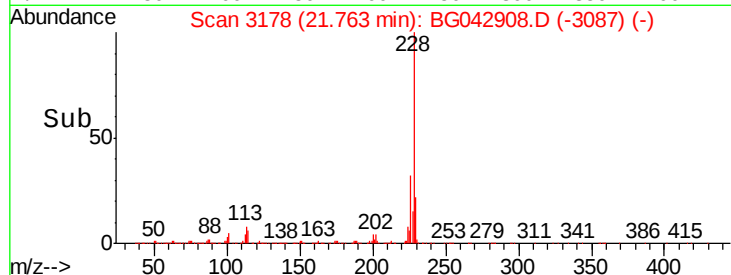
Manual Integrations
APPROVED

mohammad

9/24/2019 9:13:23 AM



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.590 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

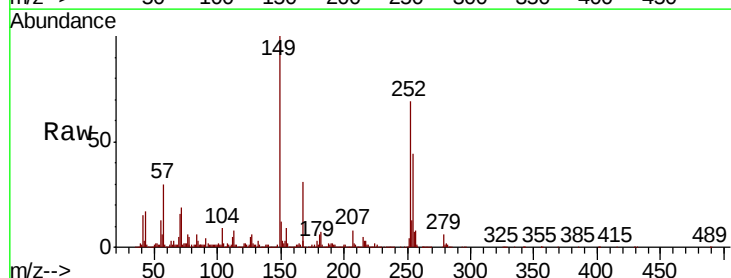
Tgt Ion:149 Resp: 812557

Ion Ratio Lower Upper

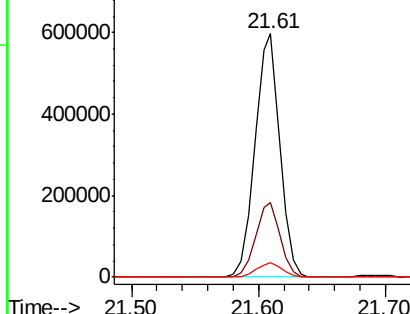
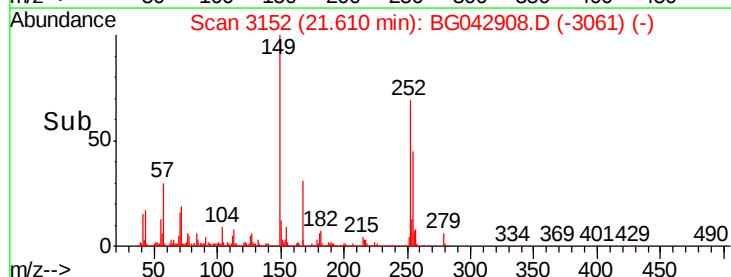
149 100

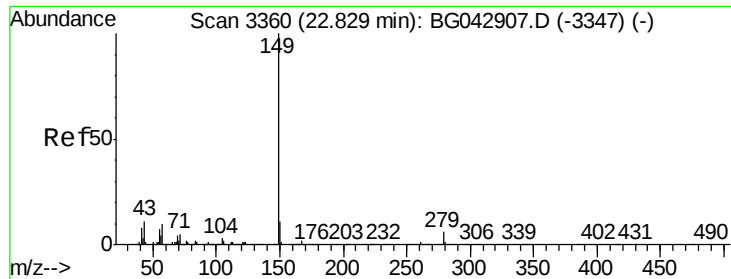
167 30.9 23.4 35.0

279 6.2 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.618 ng

RT: 22.83 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

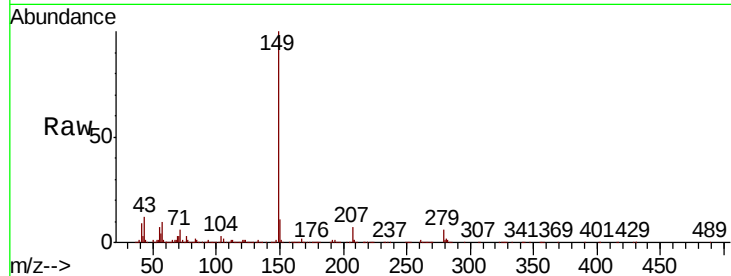
ClientSampleId :

SSTDIC050

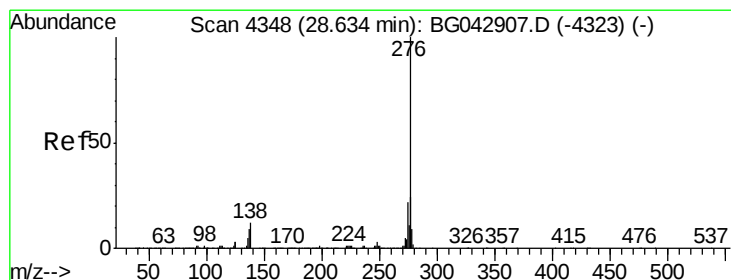
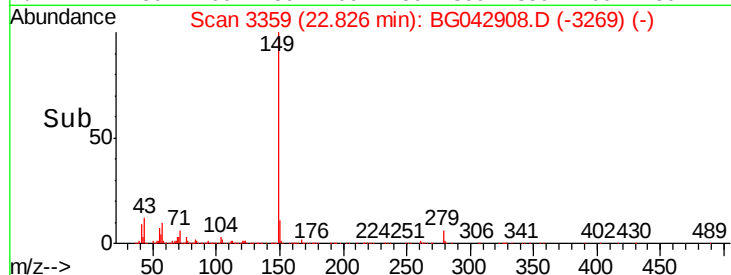
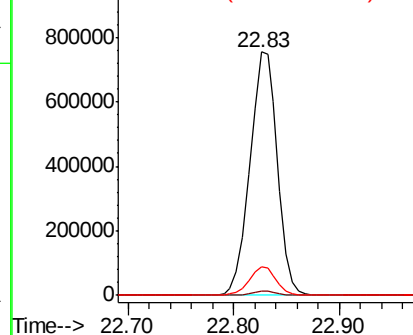
Tot Ion:	149	Resp:	1352521
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	11.4	9.1	13.7

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



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: 50.139 ng

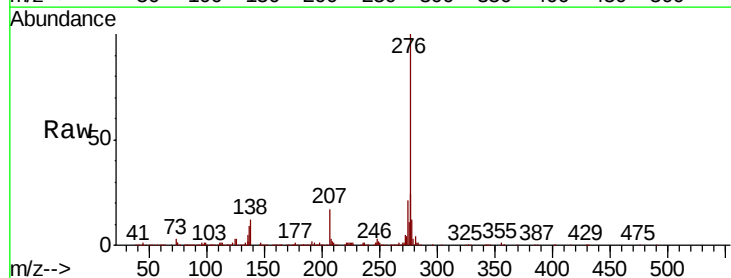
RT: 28.64 min Scan# 4349

Delta R.T. 0.01 min

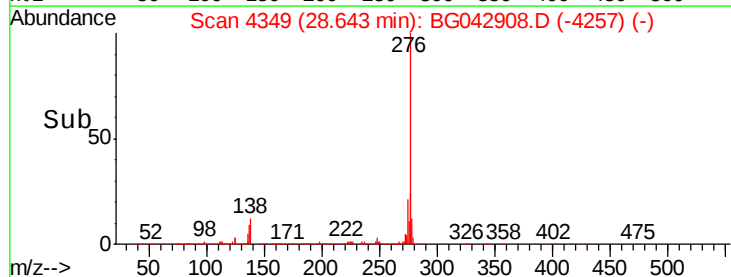
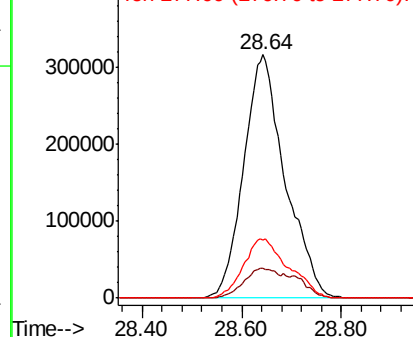
Lab File: BG042908.D

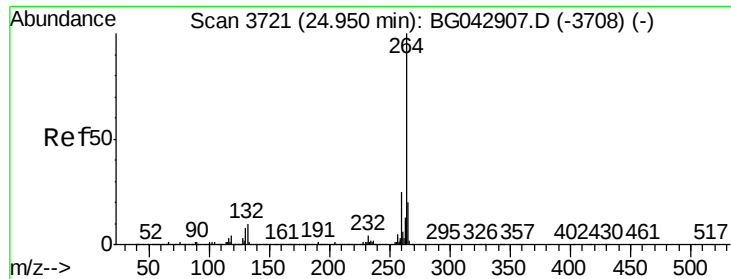
Acq: 21 Sep 2019 12:32

Tgt Ion:	276	Resp:	1822639
Ion Ratio	Lower	Upper	
276	100		
138	11.7	12.2	18.2#
277	26.5	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Instrument :

BNA_G

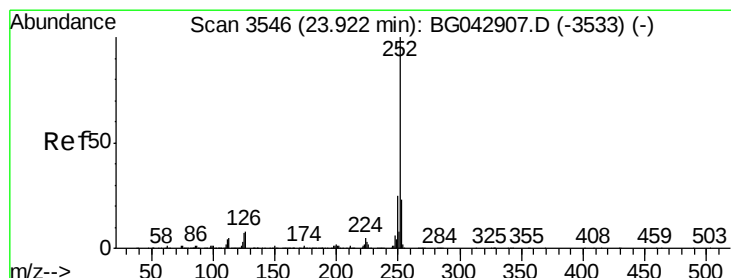
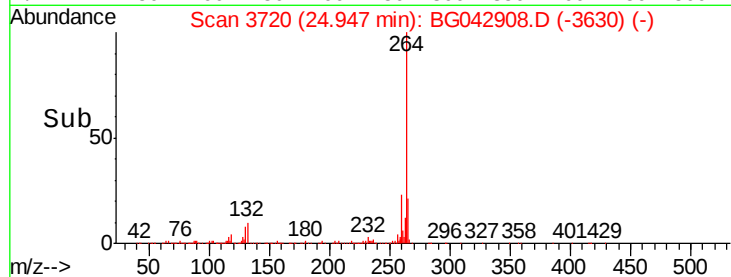
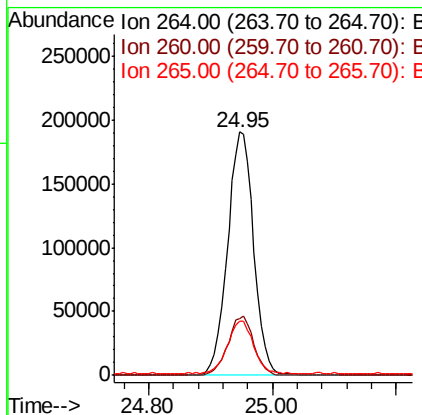
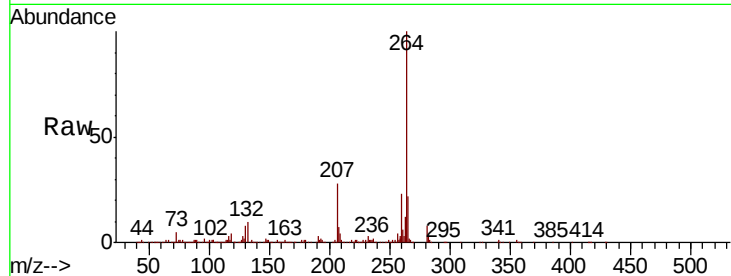
ClientSampleId :

SSTDICC050

Tot Ion:	264	Resp:	556424
Ion Ratio		Lower	Upper
264	100		
260	23.3	20.4	30.6
265	22.1	17.0	25.4

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#88

Benzo(b)fluoranthene

Concen: 48.814 ng

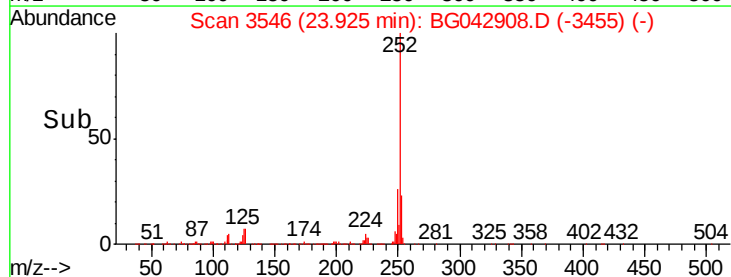
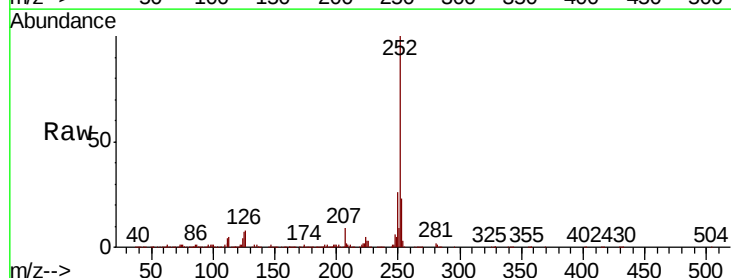
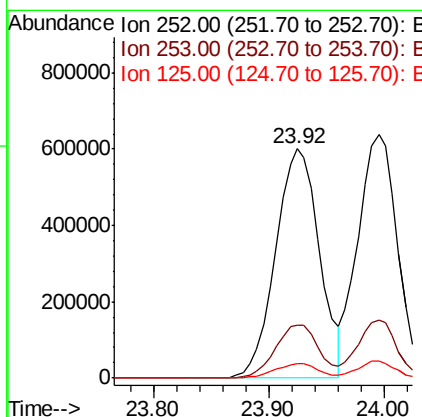
RT: 23.92 min Scan# 3546

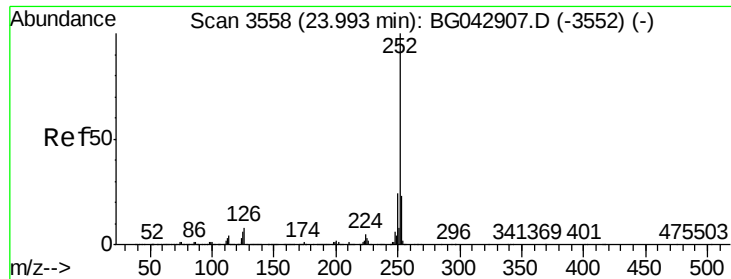
Delta R.T. 0.00 min

Lab File: BG042908.D

Acq: 21 Sep 2019 12:32

Tgt Ion:	252	Resp:	1580062
Ion Ratio		Lower	Upper
252	100		
253	23.1	18.8	28.2
125	6.6	5.2	7.8





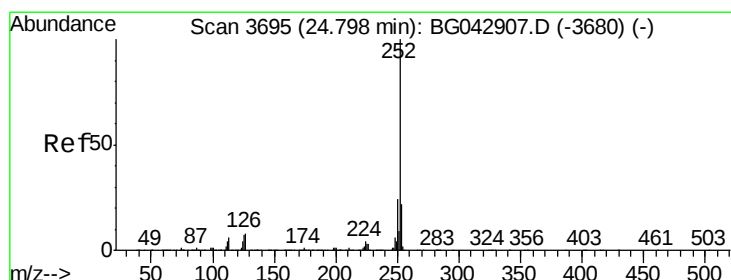
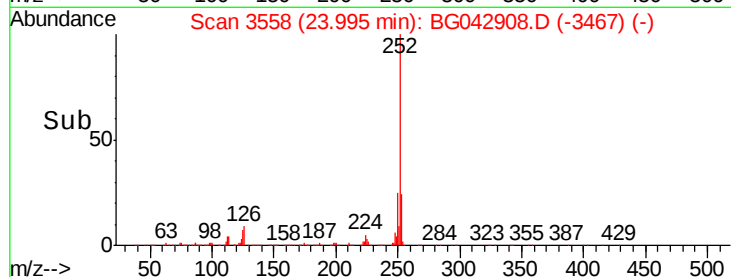
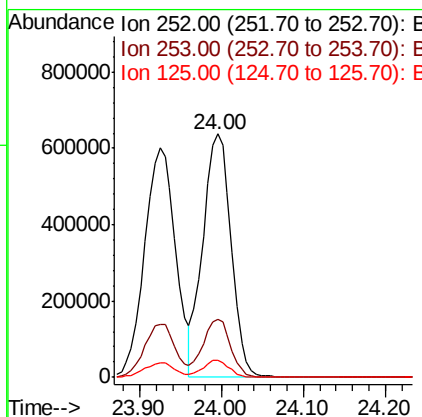
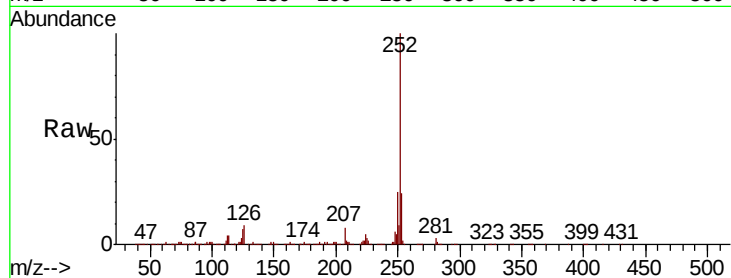
#89
Benzo(k)fluoranthene
Concen: 49.584 ng
RT: 24.00 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	7.0	5.0	7.6

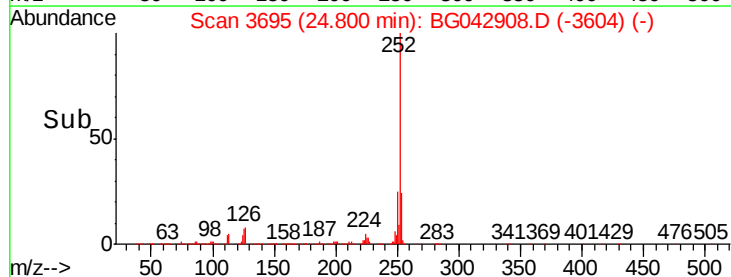
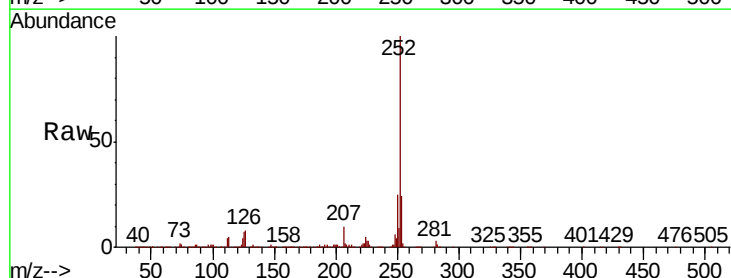
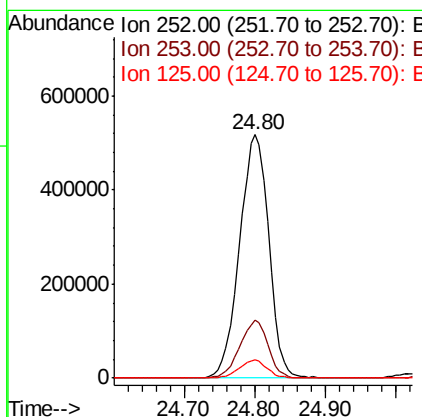
Manual Integrations
APPROVED

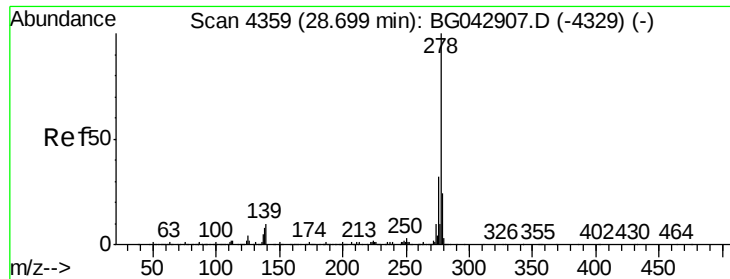
mohammad
9/24/2019 9:13:23 AM



#90
Benzo(a)pyrene
Concen: 48.968 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	7.3	5.5	8.3





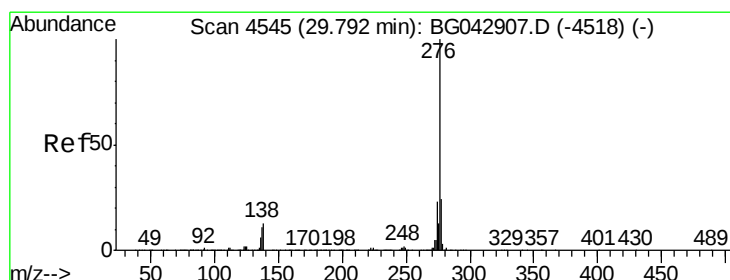
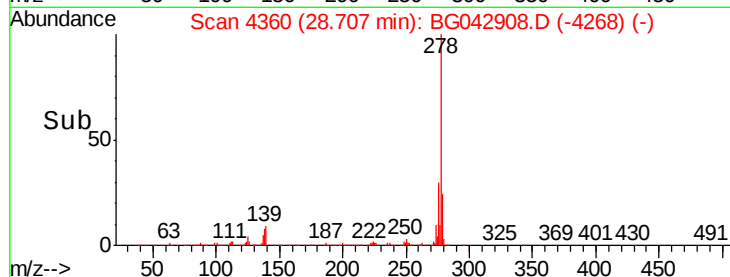
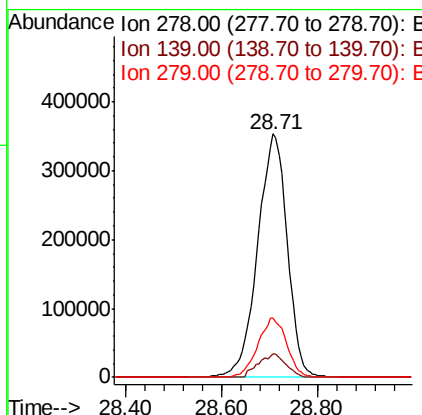
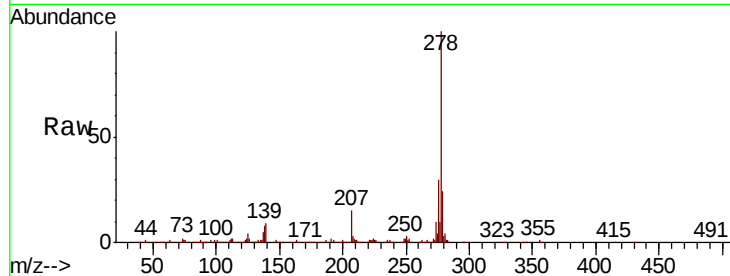
#91
Dibenzo(a,h)anthracene
Concen: 50.473 ng
RT: 28.71 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.4	12.6
279	24.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/24/2019 9:13:23 AM



#92
Benzo(g,h,i)perylene
Concen: 49.992 ng
RT: 29.80 min Scan# 4546
Delta R.T. 0.01 min
Lab File: BG042908.D
Acq: 21 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	13.1	10.6	15.8

