

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043815.D
 Acq On : 17 Dec 2019 11:43
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:33 PM

Quant Time: Dec 18 07:08:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	149920	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	668890	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	473864	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1042792	20.00	ng	0.00
76) Chrysene-d12	21.63	240	846473	20.00	ng	0.00
87) Perylene-d12	24.79	264	962340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	632134	79.89	ng	0.00
7) Phenol-d6	7.17	99	922491	80.84	ng	0.01
23) Nitrobenzene-d5	9.16	82	940235	78.92	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	386603	85.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2049685	75.98	ng	0.00
79) Terphenyl-d14	19.99	244	2689246	76.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	138797	37.880	ng	100
3) Pyridine	3.89	79	430066	42.475	ng	97
4) n-Nitrosodimethylamine	3.80	42	178874	36.846	ng	94
6) Aniline	7.32	93	601231	39.819	ng	97
8) 2-Chlorophenol	7.57	128	368736	39.989	ng	99
9) Benzaldehyde	7.14	77	263406	42.722	ng	89
10) Phenol	7.20	94	473626	40.202	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	388384	38.851	ng	96
12) 1,3-Dichlorobenzene	7.89	146	430152	38.927	ng	99
13) 1,4-Dichlorobenzene	8.04	146	425465	38.520	ng	97
14) 1,2-Dichlorobenzene	8.36	146	413884	38.891	ng	98
15) Benzyl Alcohol	8.24	79	373726	41.154	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	634799	39.621	ng	98
17) 2-Methylphenol	8.45	107	343971	40.901	ng	98
18) Hexachloroethane	9.09	117	163402	40.712	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	345895	39.649	ng	100
20) 3+4-Methylphenols	8.78	107	493861	42.174	ng	97
22) Acetophenone	8.82	105	632120	37.893	ng	100
24) Nitrobenzene	9.20	77	463461	38.193	ng	99
25) Isophorone	9.73	82	912467	38.351	ng	99
26) 2-Nitrophenol	9.92	139	228615	48.152	ng	95
27) 2,4-Dimethylphenol	9.98	122	343869	40.900	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	584946	38.409	ng	97
29) 2,4-Dichlorophenol	10.45	162	420422	40.720	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	467798	38.275	ng	97
31) Naphthalene	10.86	128	1238509	38.588	ng	99
32) Benzoic acid	10.12	122	270067	46.333	ng	95
33) 4-Chloroaniline	10.96	127	611368	39.287	ng	99
34) Hexachlorobutadiene	11.16	225	283423	38.272	ng	97
35) Caprolactam	11.74	113	166021	40.973	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	455707	40.998	ng	99
37) 2-Methylnaphthalene	12.46	142	972395	39.089	ng	98
38) 1-Methylnaphthalene	12.68	142	919450	38.869	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	537624	37.757	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043815.D
 Acq On : 17 Dec 2019 11:43
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:33 PM

Quant Time: Dec 18 07:08:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	278554	41.678	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	381611	42.165	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	393422	41.492	nq	98
46) 1,1'-Biphenyl	13.46	154	1249433	38.246	nq	97
47) 2-Chloronaphthalene	13.51	162	1018868	38.150	nq	99
48) 2-Nitroaniline	13.70	65	336658	42.743	nq	97
49) Acenaphthylene	14.35	152	1519430	38.192	nq	98
50) Dimethylphthalate	14.09	163	1290675	38.161	nq	99
51) 2,6-Dinitrotoluene	14.20	165	301737	41.398	nq	99
52) Acenaphthene	14.70	154	1027640	39.265	nq	98
53) 3-Nitroaniline	14.53	138	343809	41.220	nq	94
54) 2,4-Dinitrophenol	14.73	184	142296	55.078	nq	94
55) Dibenzofuran	15.03	168	1474718	38.066	nq	99
56) 4-Nitrophenol	14.83	139	265947	43.705	nq	96
57) 2,4-Dinitrotoluene	14.98	165	421203	42.768	nq	96
58) Fluorene	15.68	166	1207784	38.678	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	350722m	41.225	nq	
60) Diethylphthalate	15.46	149	1296077	38.364	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	672128	38.433	nq	99
62) 4-Nitroaniline	15.69	138	347866	40.252	nq	98
63) Azobenzene	15.97	77	1182159	38.089	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	197467	48.868	nq	99
66) n-Nitrosodiphenylamine	15.88	169	1116921	38.537	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	427433	38.339	nq	95
68) Hexachlorobenzene	16.68	284	448965	37.969	nq	98
69) Atrazine	16.84	200	325706	35.251	nq	98
70) Pentachlorophenol	17.02	266	266120	42.309	nq	96
71) Phenanthrene	17.42	178	1876927	38.020	nq	99
72) Anthracene	17.51	178	1875640	38.382	nq	97
73) Carbazole	17.77	167	1736289	38.010	nq	98
74) Di-n-butylphthalate	18.35	149	2048299	39.114	nq	98
75) Fluoranthene	19.42	202	2104186	37.242	nq	97
77) Benzidine	19.60	184	815042	44.135	nq	97
78) Pyrene	19.78	202	2132016	38.541	nq	98
80) Butylbenzylphthalate	20.68	149	998990	43.361	nq	96
81) Benzo(a)anthracene	21.61	228	2063929	38.633	nq	97
82) 3,3'-Dichlorobenzidine	21.53	252	773056	39.170	nq	99
83) Chrysene	21.68	228	1974509	38.792	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1337579	40.476	nq	99
85) Di-n-octyl phthalate	22.75	149	2295711	42.494	nq	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	2093423	32.134	nq	# 94
88) Benzo(b)fluoranthene	23.79	252	2100021	37.901	nq	99
89) Benzo(k)fluoranthene	23.86	252	2056803	38.428	nq	98
90) Benzo(a)pyrene	24.65	252	2021613	38.286	nq	98
91) Dibenzo(a,h)anthracene	28.45	278	1829760	34.693	nq	98
92) Benzo(g,h,i)perylene	29.50	276	1858897m	35.716	nq	

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

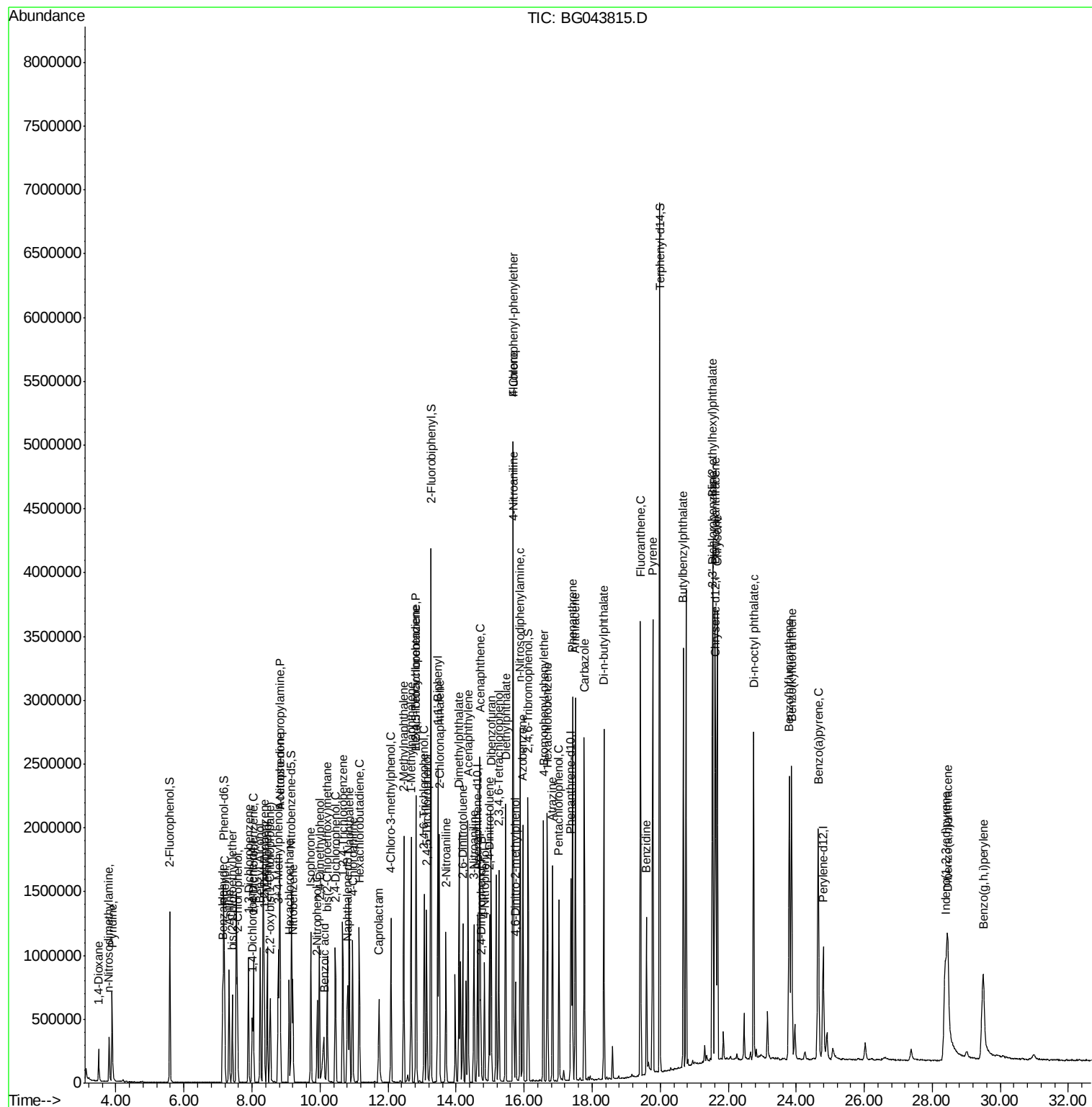
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043815.D
Acq On : 17 Dec 2019 11:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

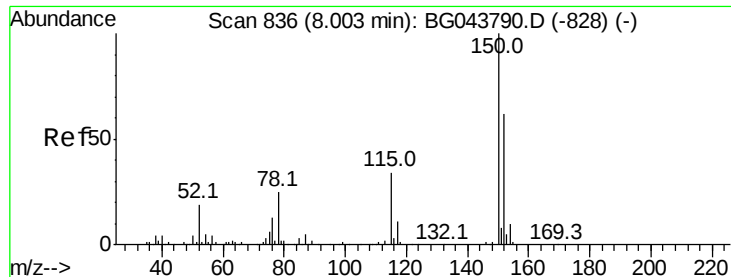
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM

Quant Time: Dec 18 07:08:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration





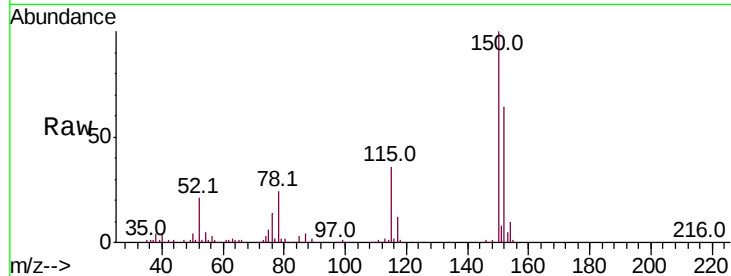
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

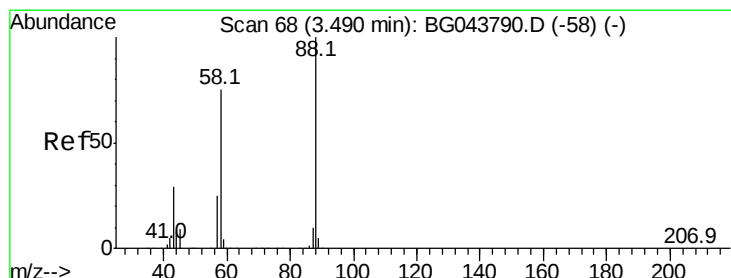
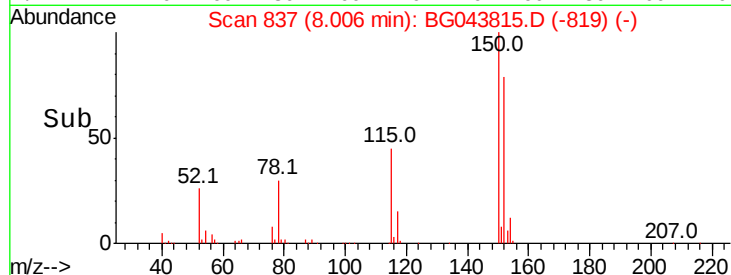
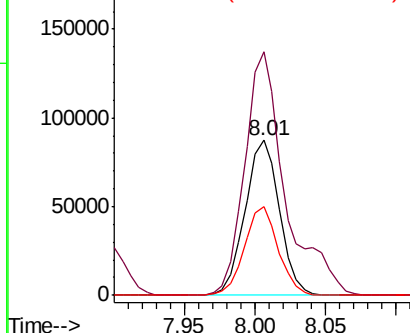
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.6	192.8
115	57.1	44.3	66.5

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:33 PM

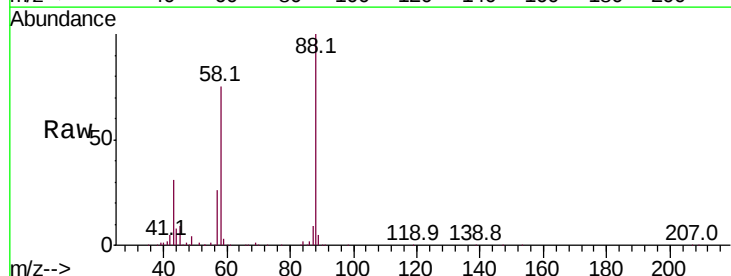


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

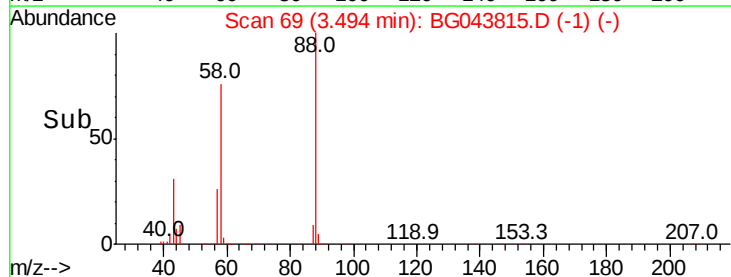
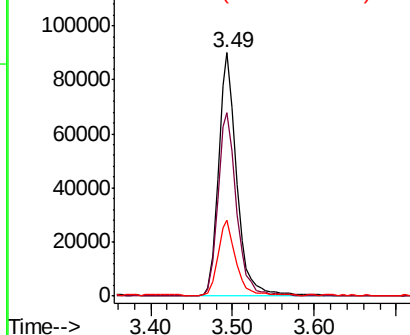


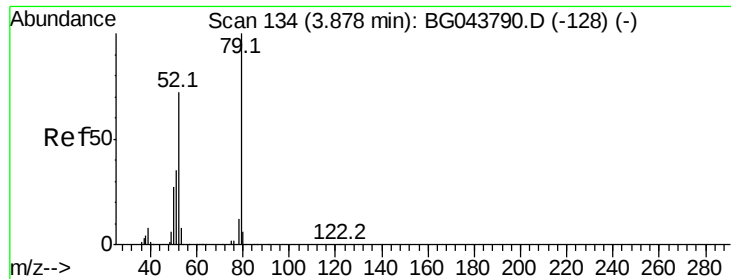
#2
 1,4-Dioxane
 Concen: 37.880 ng
 RT: 3.49 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	62.2	93.4
43	30.9	24.3	36.5



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: 42.475 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 430066

Ion Ratio Lower Upper

79 100

52 70.4 57.6 86.4

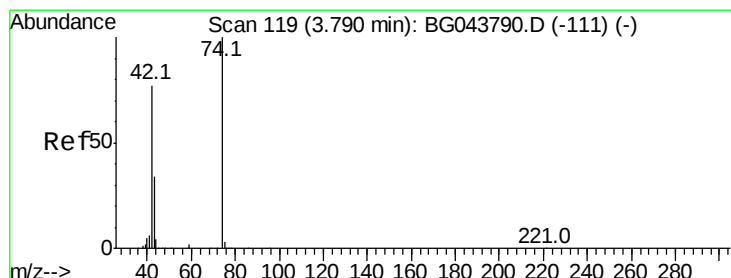
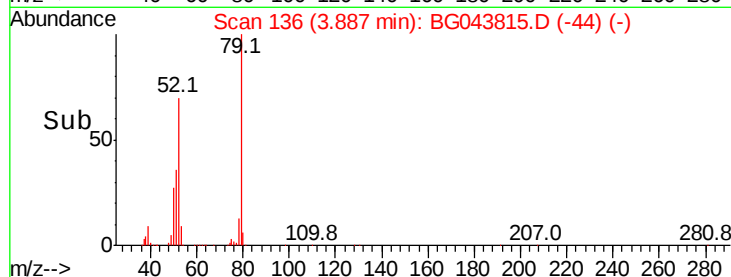
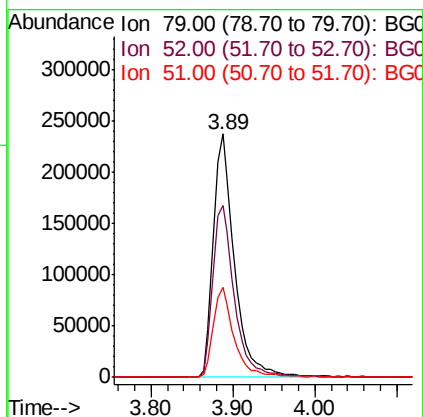
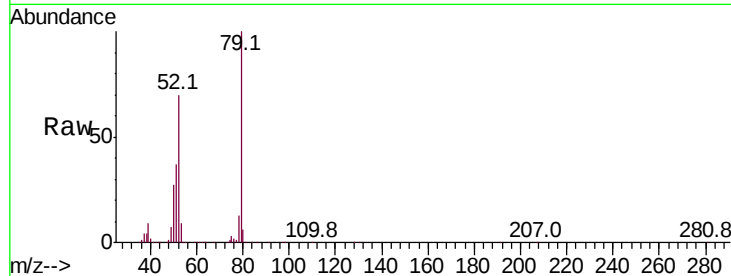
51 37.0 27.8 41.8

Manual Integrations

APPROVED

mohammad

12/18/2019 2:40:33 PM



#4

n-Nitrosodimethylamine

Concen: 36.846 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

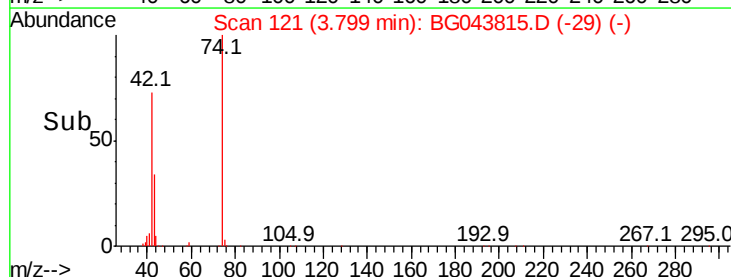
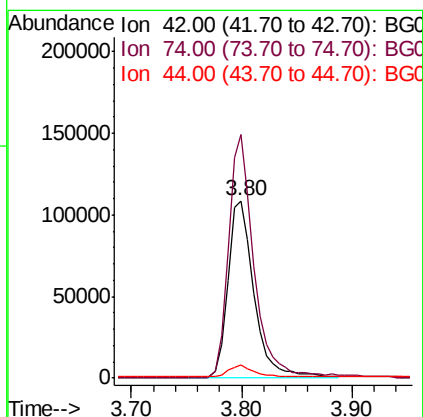
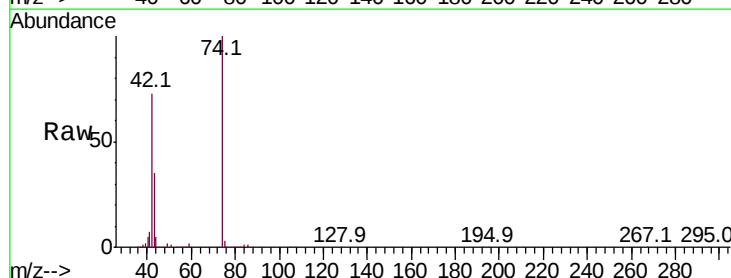
Tgt Ion: 42 Resp: 178874

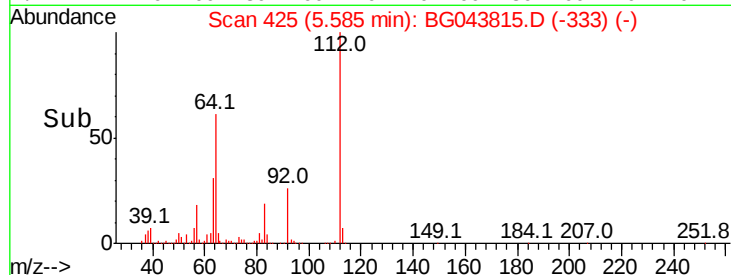
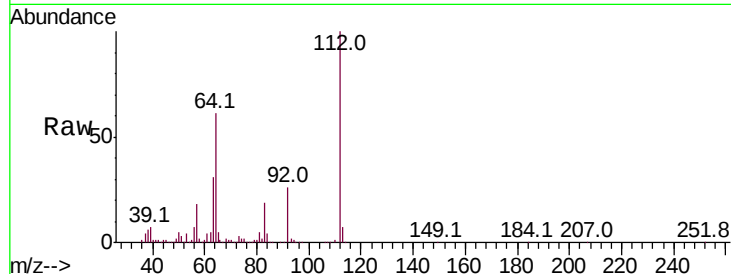
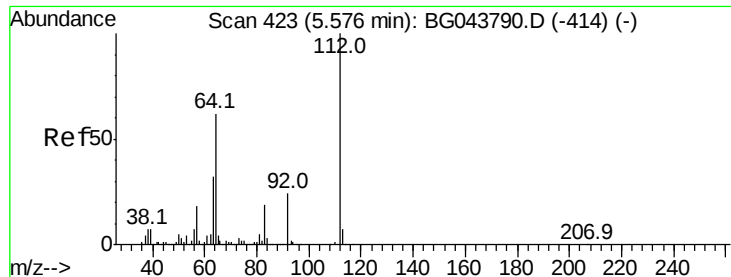
Ion Ratio Lower Upper

42 100

74 137.4 104.2 156.4

44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 79.891 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tot Ion:	112	Resp:	632134
Ion Ratio	Lower	Upper	
112	100		
64	61.5	49.9	74.9
63	30.9	26.0	39.0

Instrument :

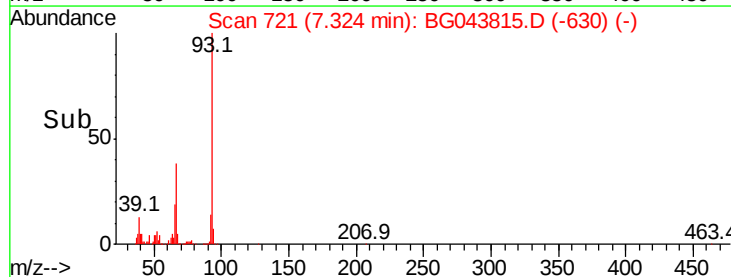
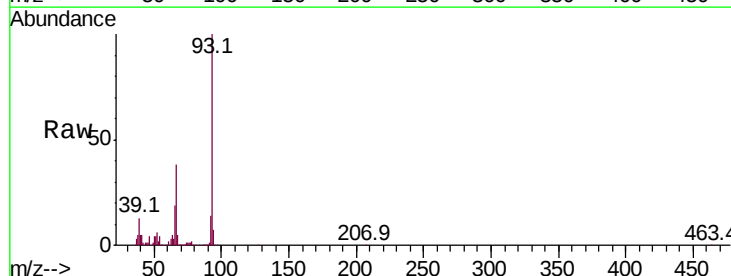
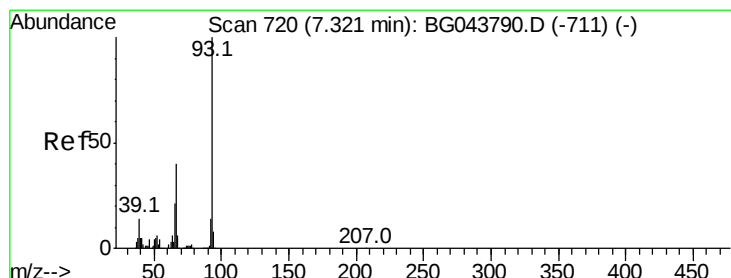
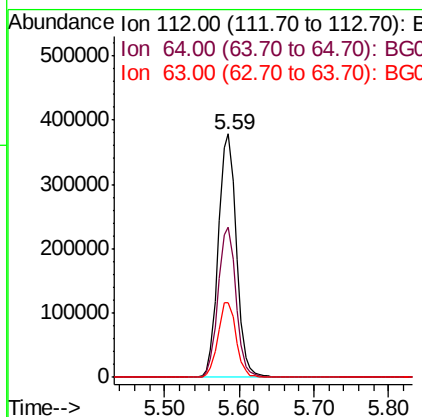
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#6

Aniline

Concen: 39.819 ng

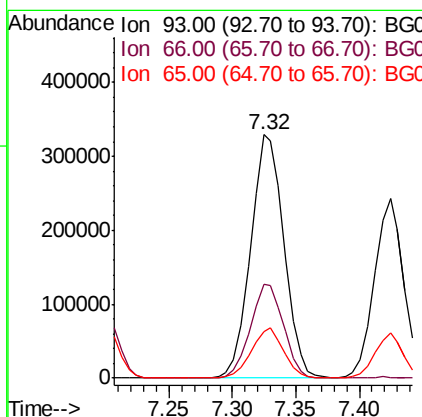
RT: 7.32 min Scan# 721

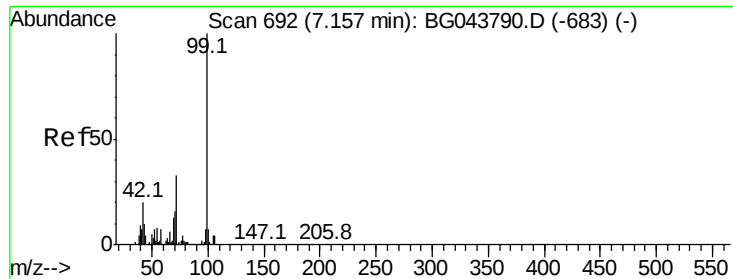
Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	93	Resp:	601231
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.9	47.9
65	19.3	16.8	25.2





#7

Phenol-d6

Concen: 80.840 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

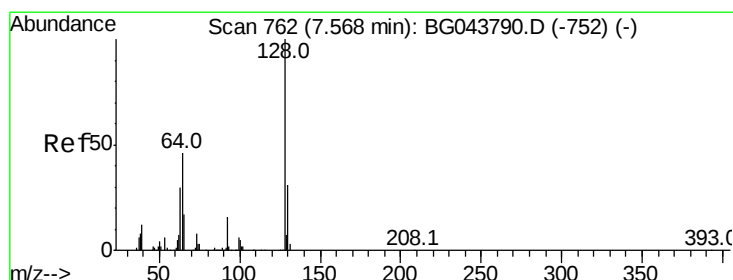
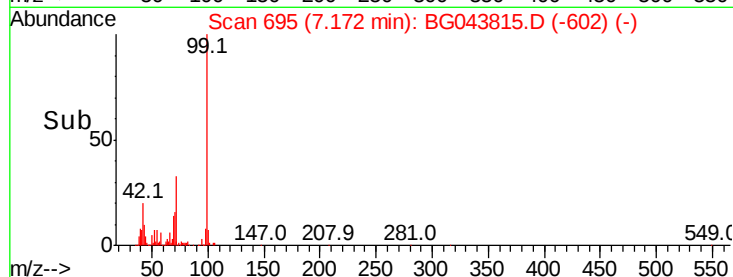
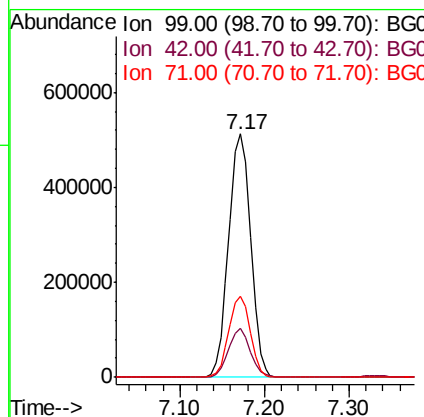
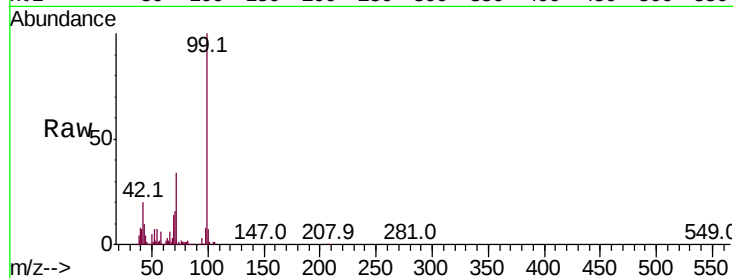
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	922491
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.2	24.2
71	33.5	26.6	40.0

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#8

2-Chlorophenol

Concen: 39.989 ng

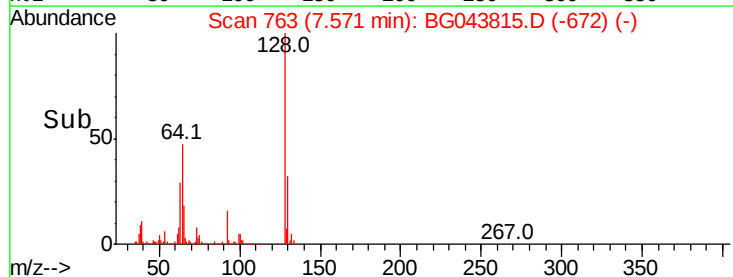
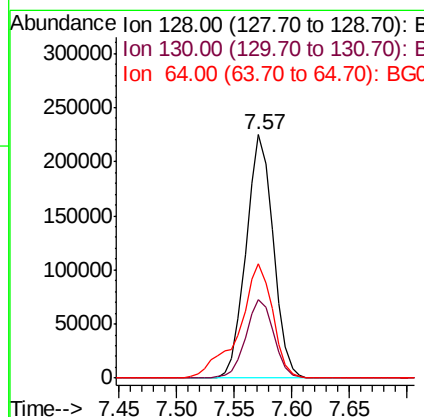
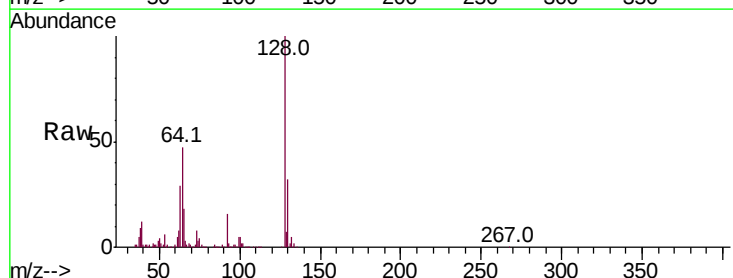
RT: 7.57 min Scan# 763

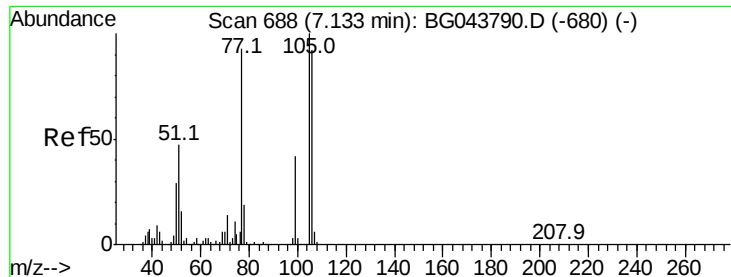
Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	128	Resp:	368736
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.1	51.1
64	47.1	26.5	66.5





#9

Benzaldehyde

Concen: 42.722 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

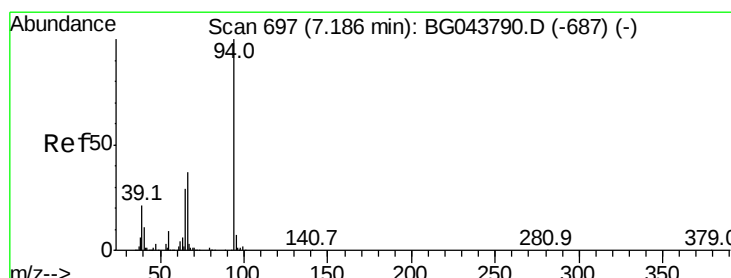
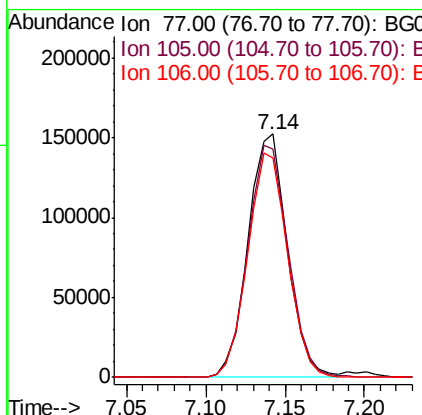
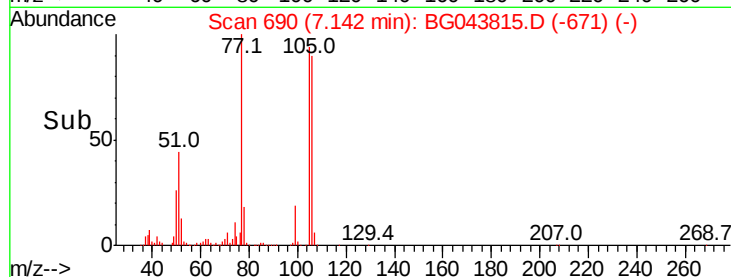
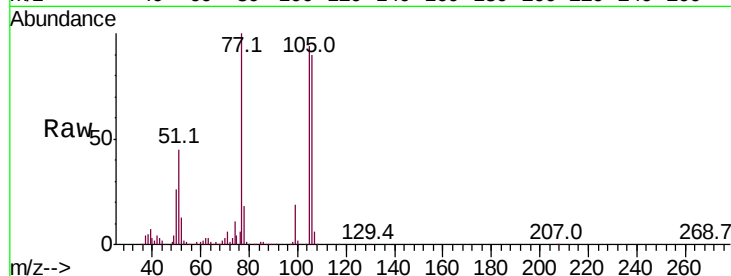
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	263406
Ion Ratio	Lower	Upper	
77	100		
105	93.7	87.1	127.1
106	89.9	78.2	118.2

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#10

Phenol

Concen: 40.202 ng

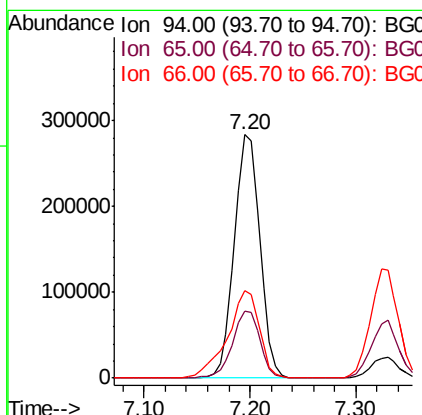
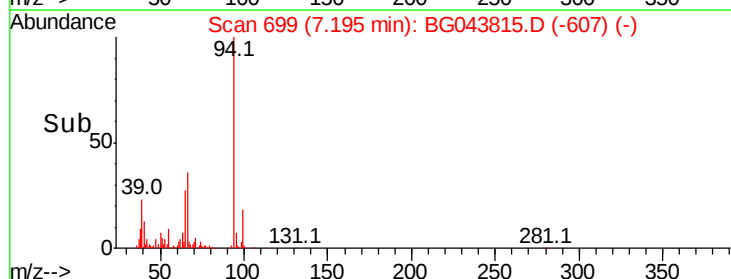
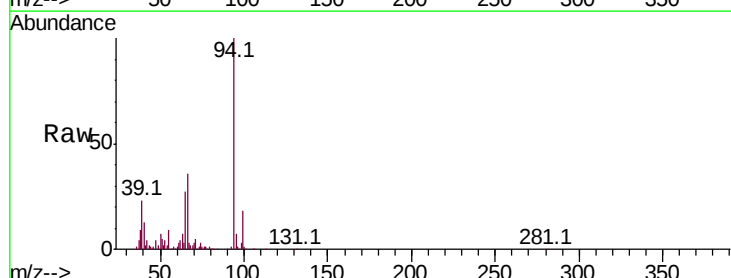
RT: 7.20 min Scan# 699

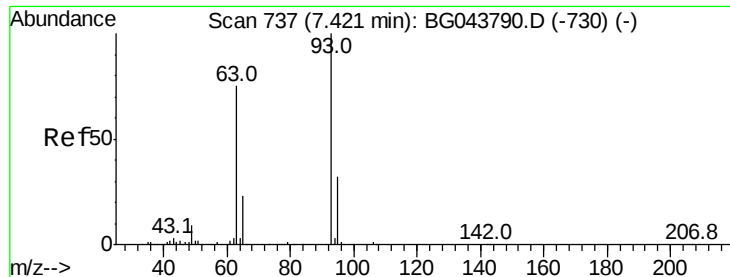
Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	94	Resp:	473626
Ion Ratio	Lower	Upper	
94	100		
65	27.3	9.5	49.5
66	35.8	16.8	56.8





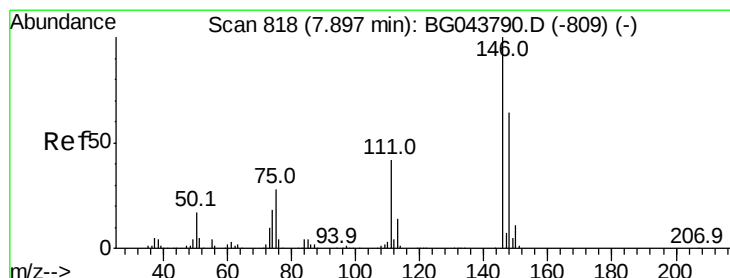
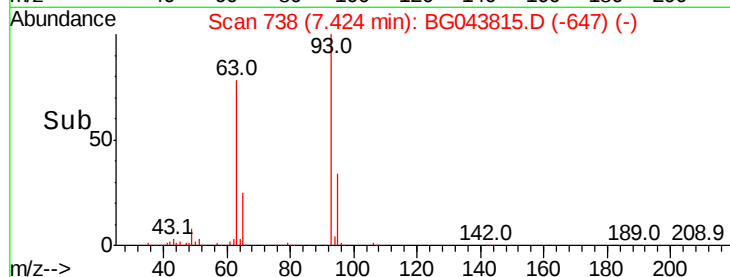
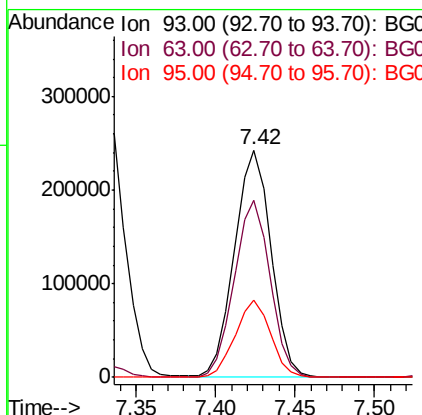
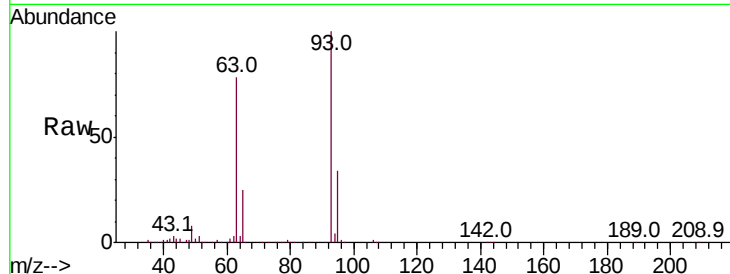
#11
bis(2-Chloroethyl)ether
Concen: 38.851 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	54.7	94.7
95	34.0	11.3	51.3

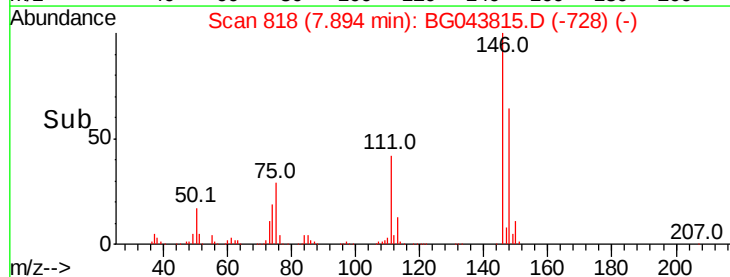
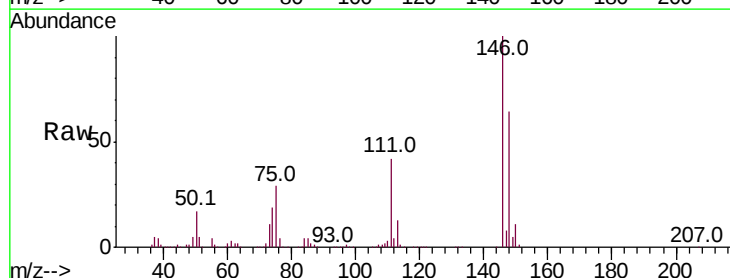
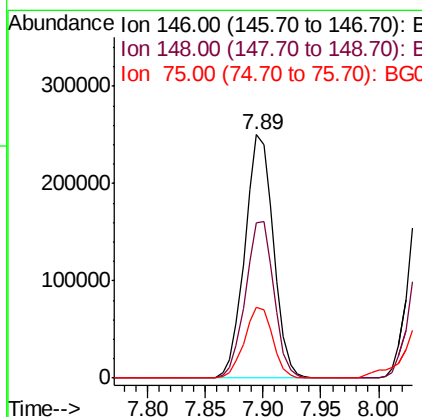
Manual Integrations
APPROVED

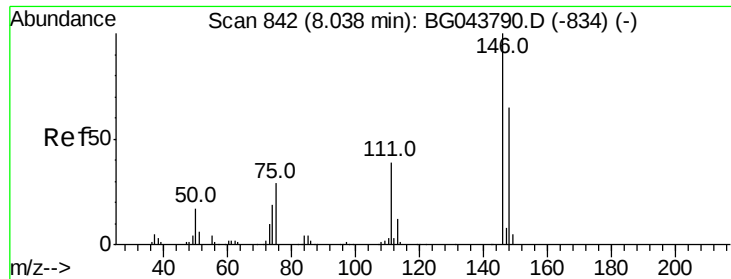
mohammad
12/18/2019 2:40:33 PM



#12
1,3-Dichlorobenzene
Concen: 38.927 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	29.2	22.4	33.6





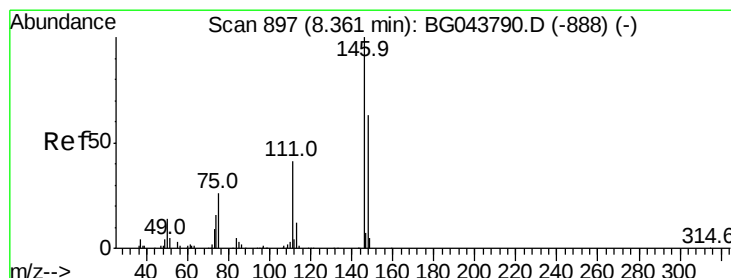
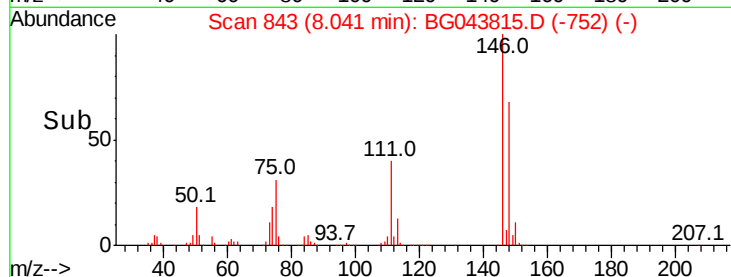
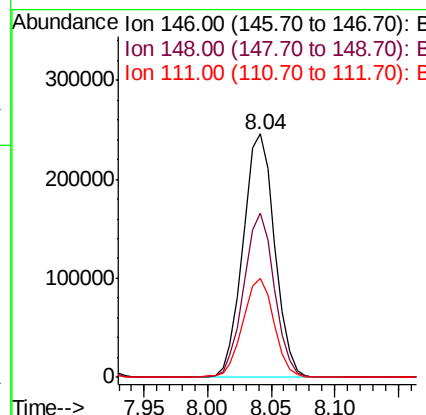
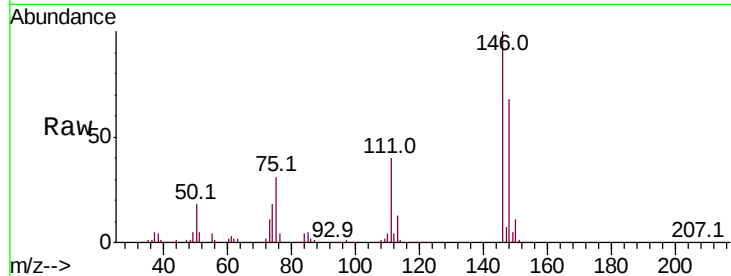
#13
1,4-Dichlorobenzene
Concen: 38.520 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.8	77.8
111	40.4	31.4	47.2

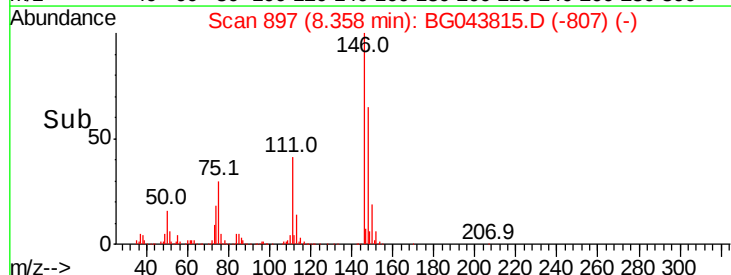
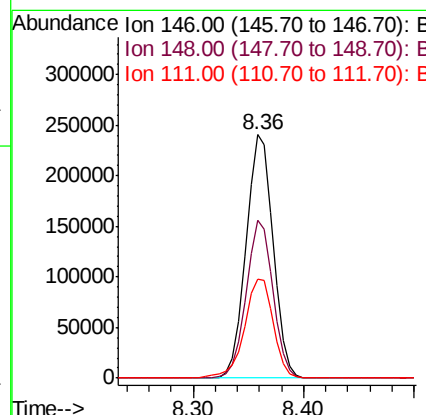
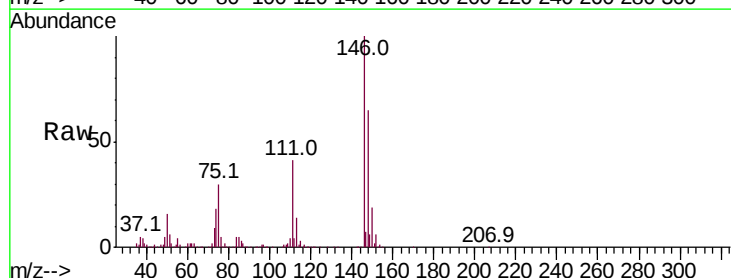
Manual Integrations
APPROVED

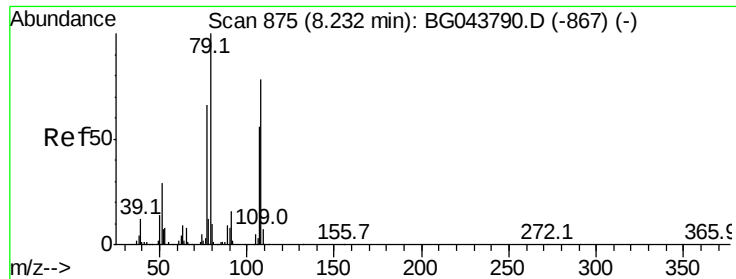
mohammad
12/18/2019 2:40:33 PM



#14
1,2-Dichlorobenzene
Concen: 38.891 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.2
111	40.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.154 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

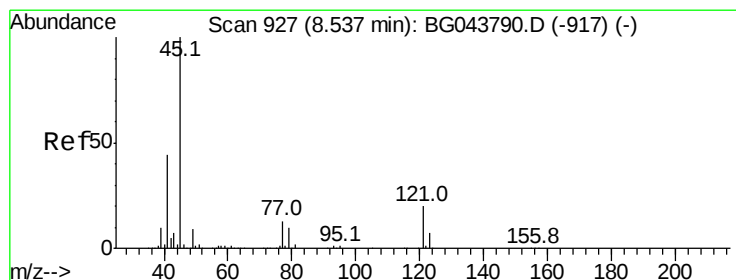
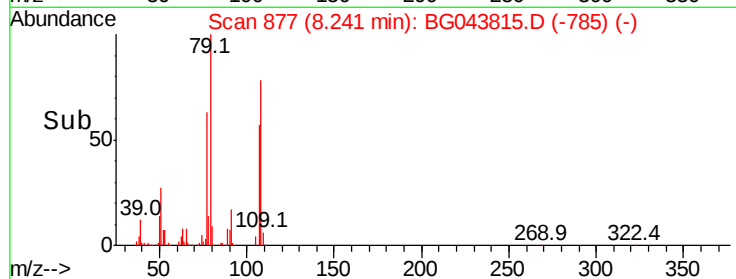
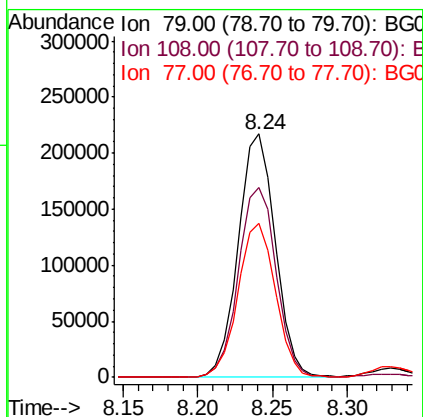
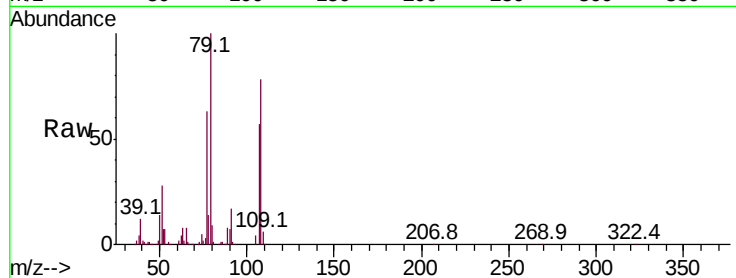
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	373726
Ion Ratio	Lower	Upper	
79	100		
108	78.2	62.2	93.2
77	63.3	52.8	79.2

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.621 ng

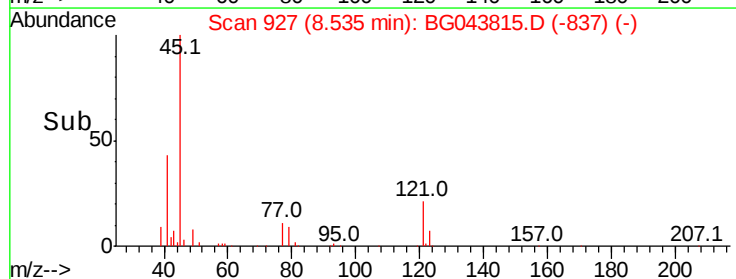
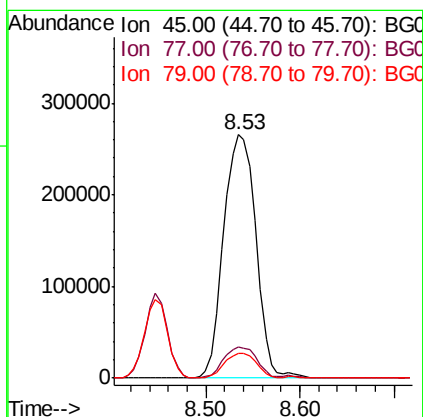
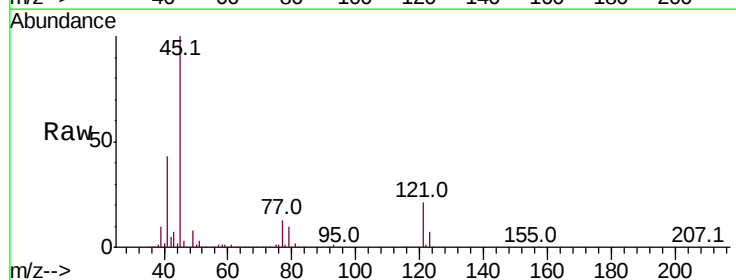
RT: 8.53 min Scan# 927

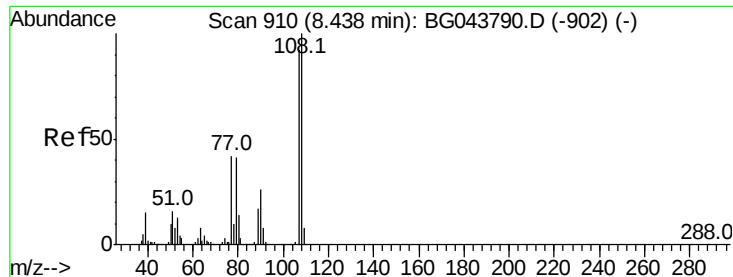
Delta R.T. -0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	45	Resp:	634799
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	33.6
79	10.1	0.0	29.9





#17

2-Methylphenol

Concen: 40.901 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

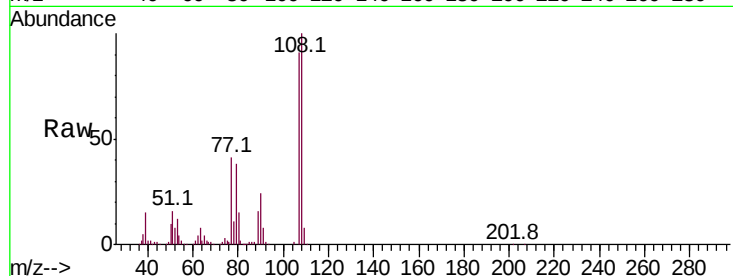
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	87.2	130.8	
77	45.5	36.6	54.8	
79	42.2	35.5	53.3	

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



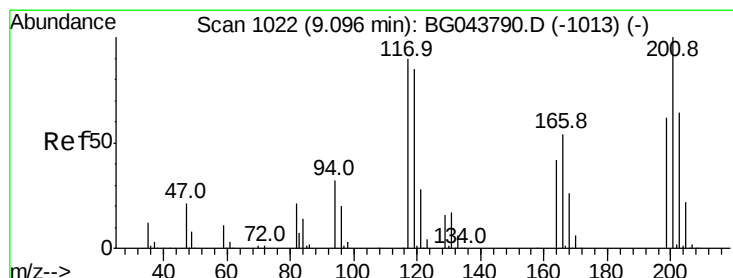
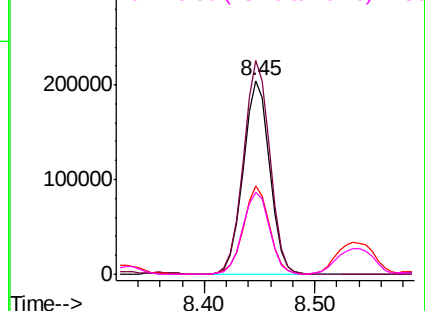
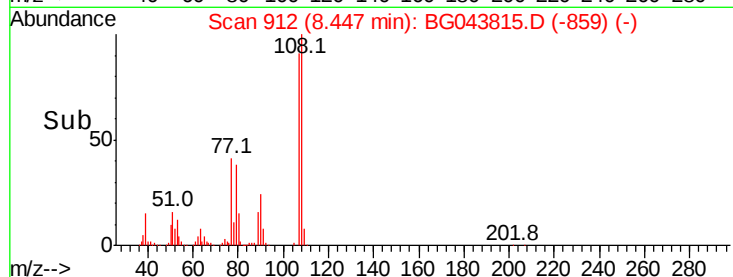
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.712 ng

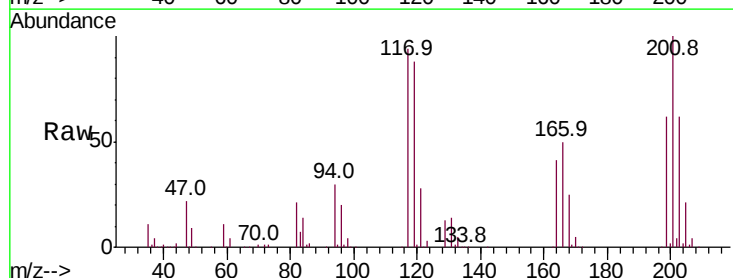
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	75.6	113.4	
201	106.8	88.6	133.0	

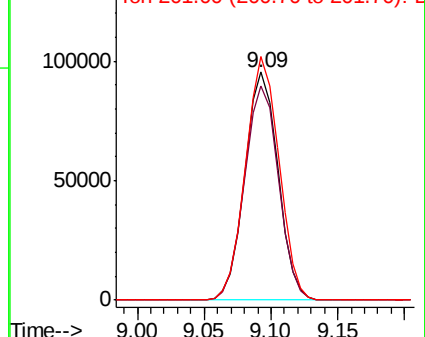
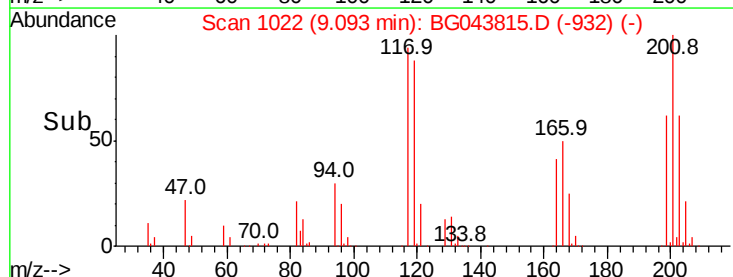


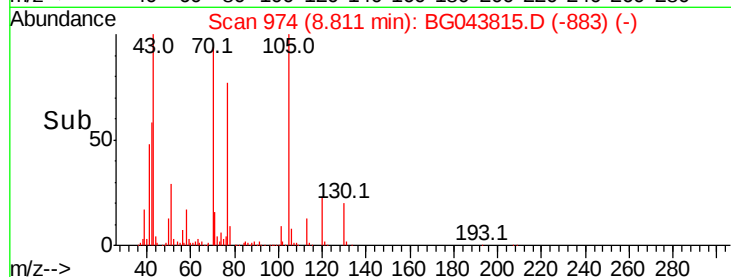
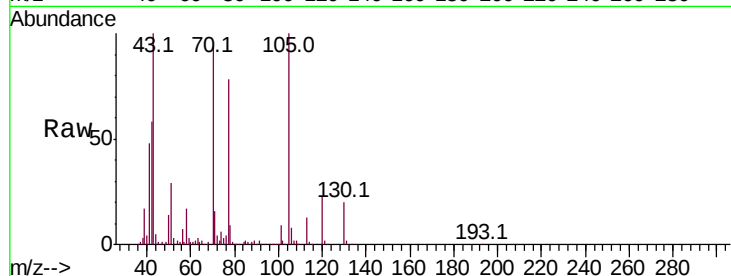
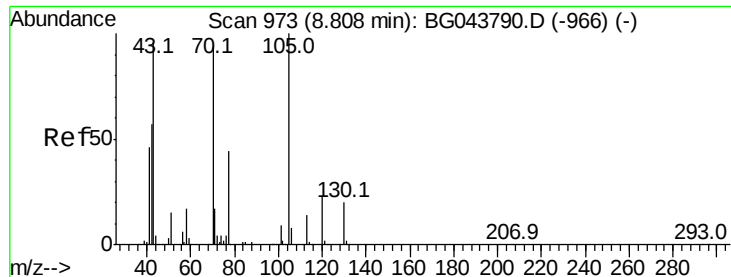
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





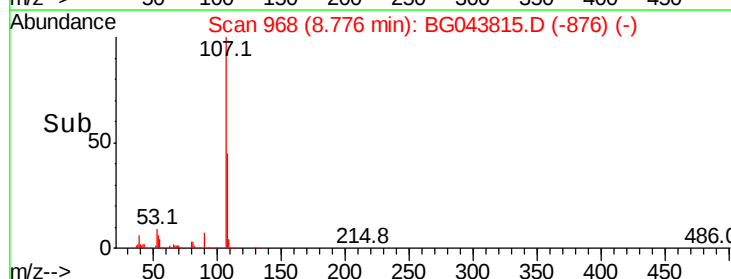
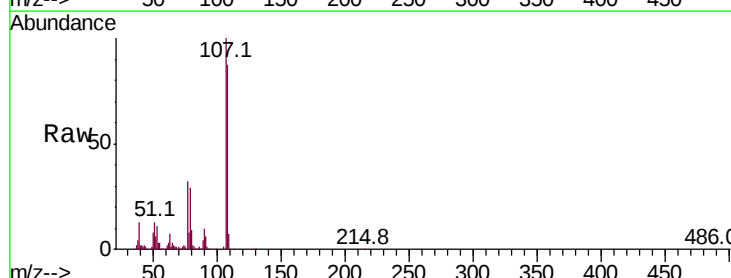
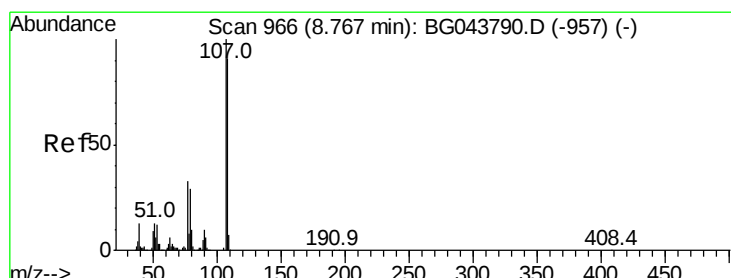
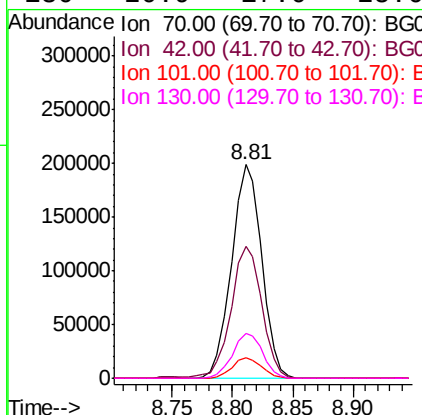
#19
n-Nitroso-di-n-propylamine
Concen: 39.649 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.8	49.2	73.8		
101	9.9	7.8	11.6		
130	20.9	17.0	25.6		

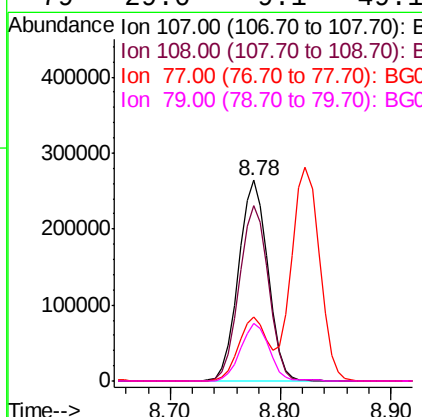
Manual Integrations
APPROVED

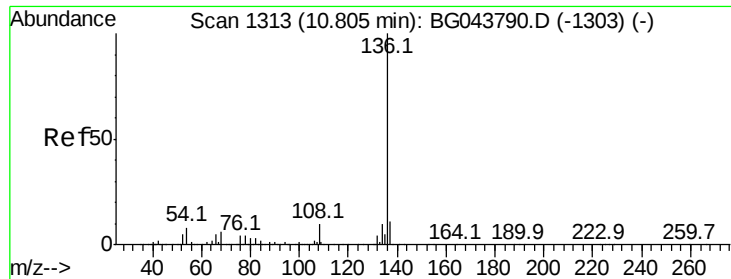
mohammad
12/18/2019 2:40:33 PM



#20
3+4-Methylphenols
Concen: 42.174 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	70.9	110.9		
77	31.9	12.7	52.7		
79	29.0	9.1	49.1		





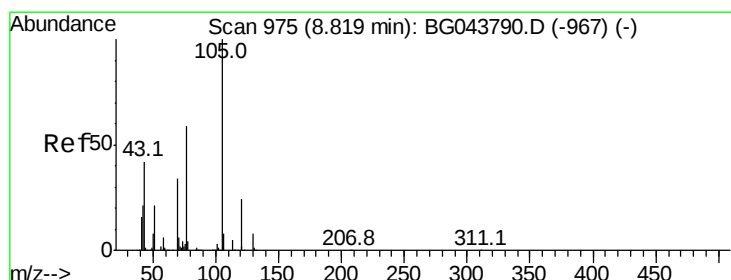
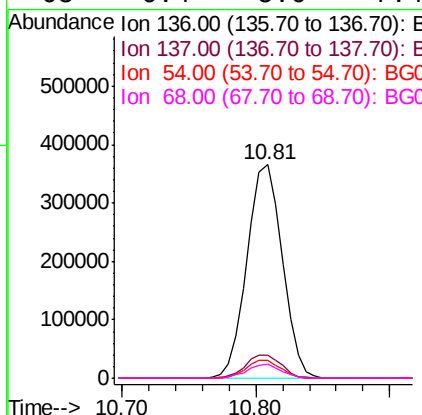
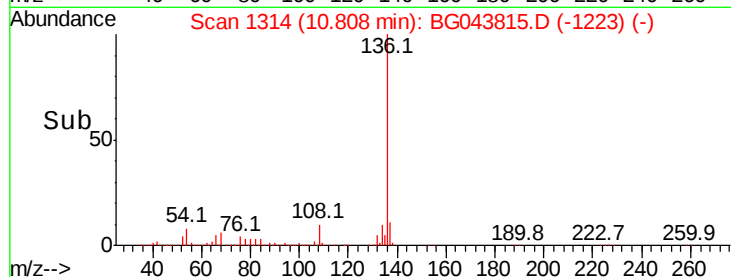
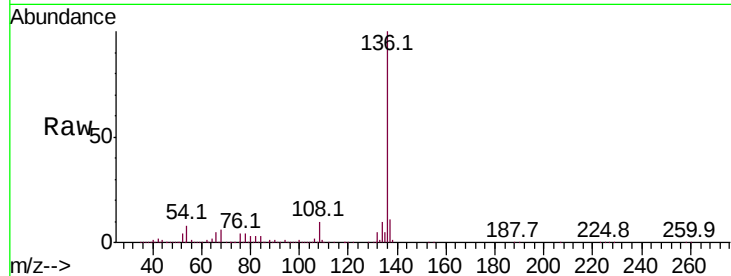
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	668890		
137	11.1	8.7	13.1	
54	8.2	6.8	10.2	
68	6.4	5.0	7.4	

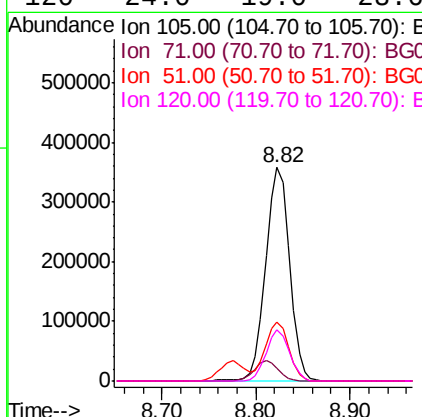
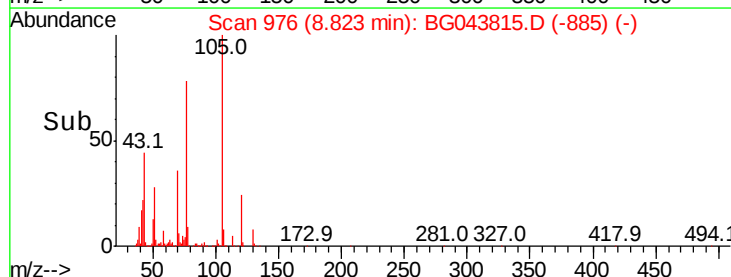
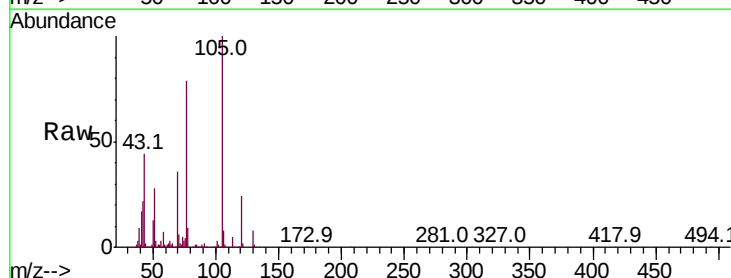
Manual Integrations
APPROVED

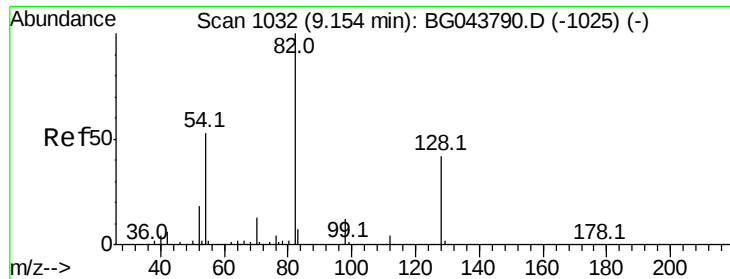
mohammad
12/18/2019 2:40:33 PM



#22
Acetophenone
Concen: 37.893 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	632120		
71	6.2	4.9	7.3	
51	27.8	22.2	33.4	
120	24.0	19.0	28.6	





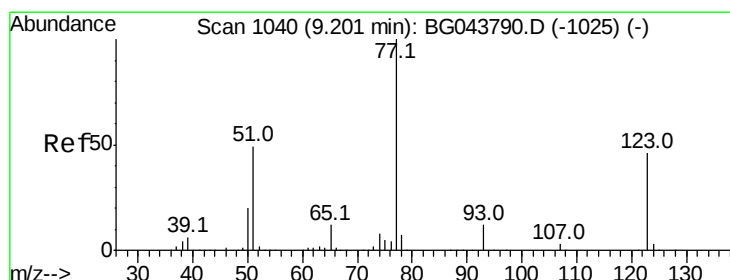
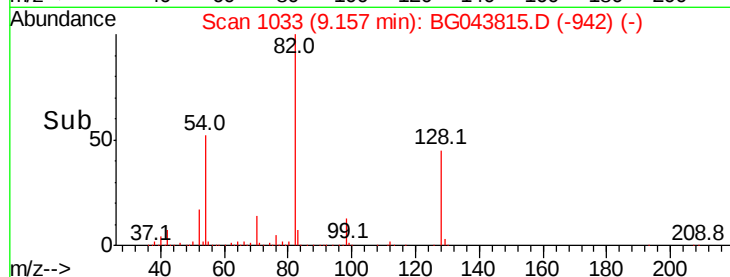
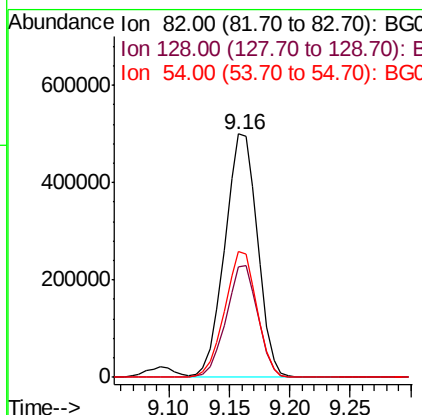
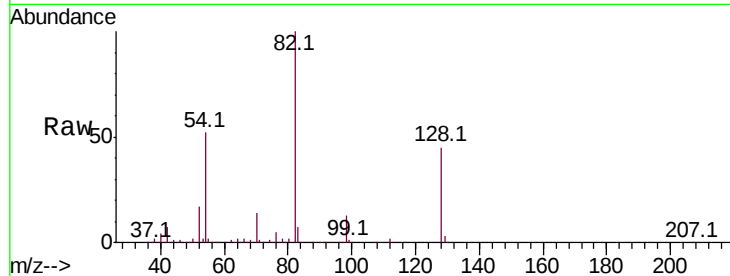
#23
Nitrobenzene-d5
Concen: 78.924 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.6	50.4
54	51.7	42.1	63.1

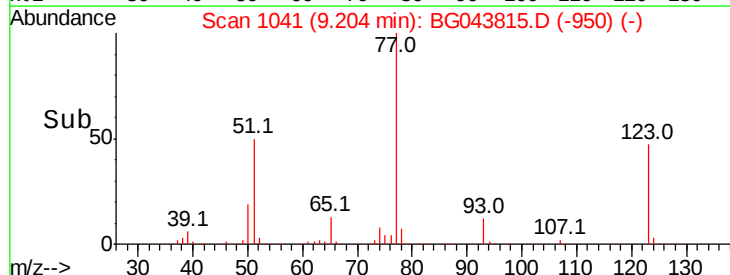
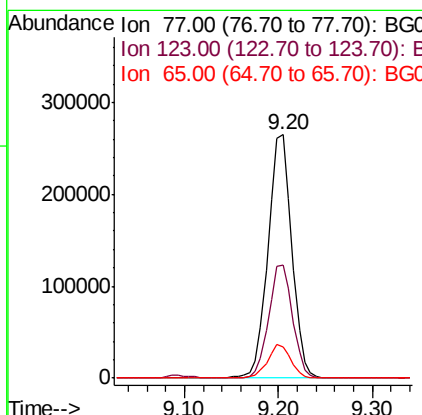
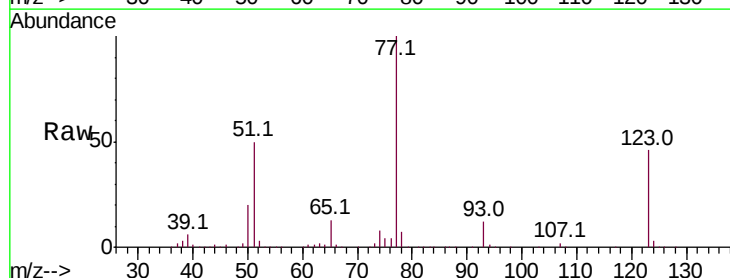
Manual Integrations
APPROVED

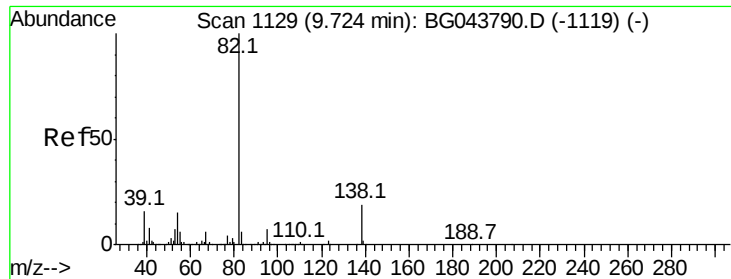
mohammad
12/18/2019 2:40:33 PM



#24
Nitrobenzene
Concen: 38.193 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	36.6	55.0
65	12.8	9.8	14.6





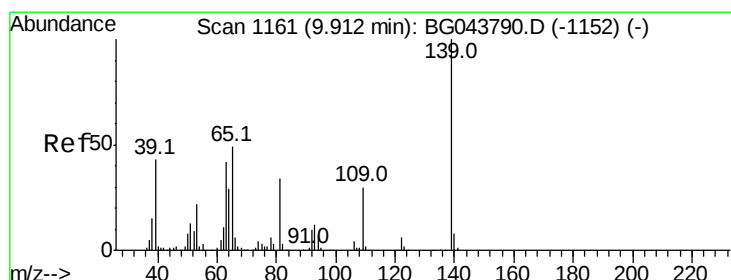
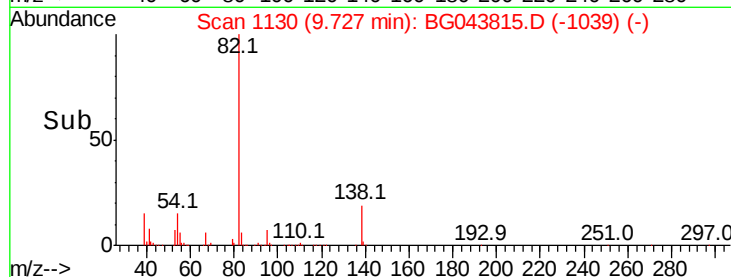
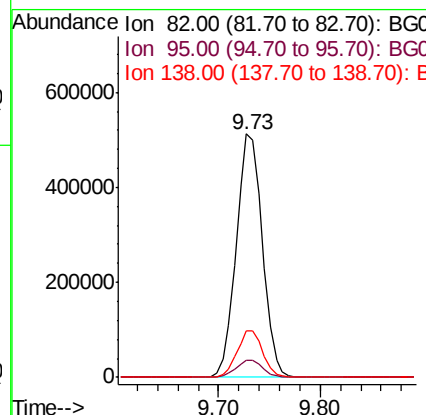
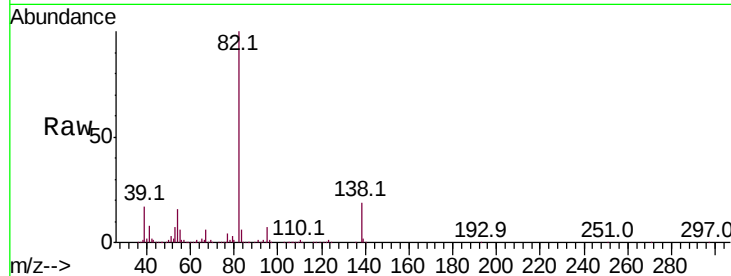
#25
Isophorone
Concen: 38.351 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	912467		
95	6.9		5.6	8.4
138	19.0		14.8	22.2

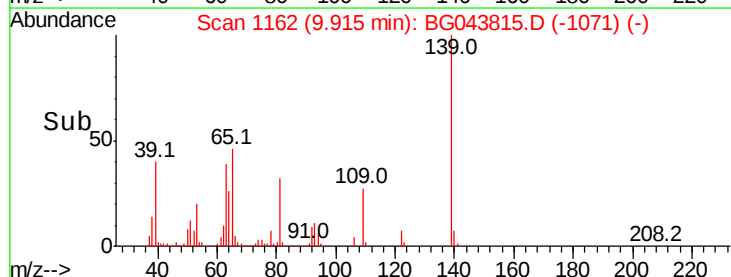
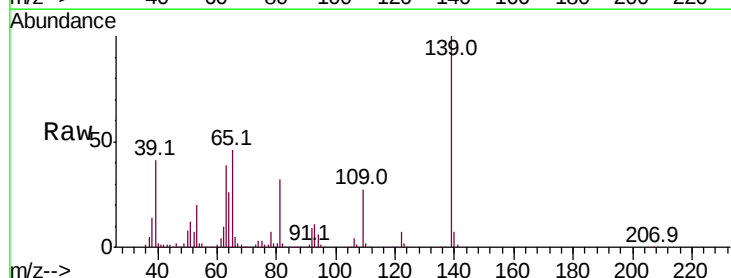
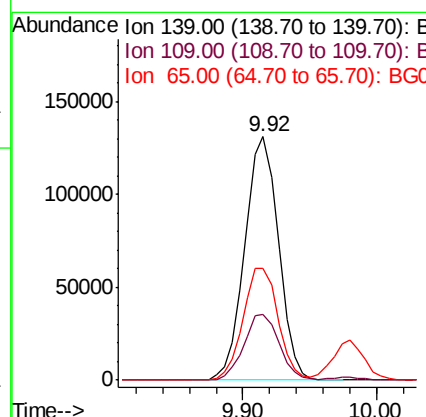
Manual Integrations
APPROVED

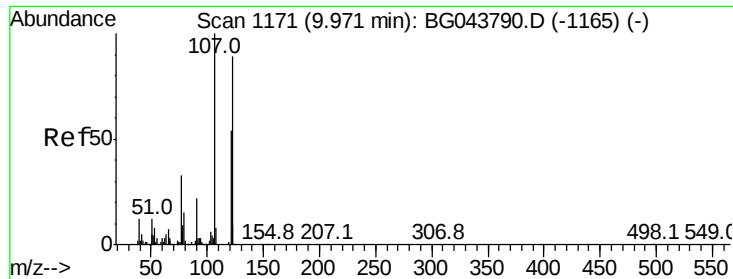
mohammad
12/18/2019 2:40:33 PM



#26
2-Nitrophenol
Concen: 48.152 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	228615		
109	27.1		23.9	35.9
65	46.1		39.3	58.9





#27

2,4-Dimethylphenol

Concen: 40.900 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

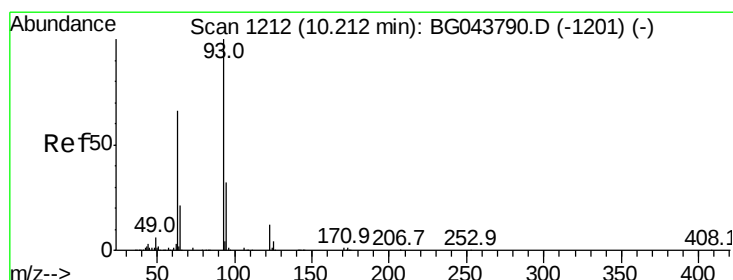
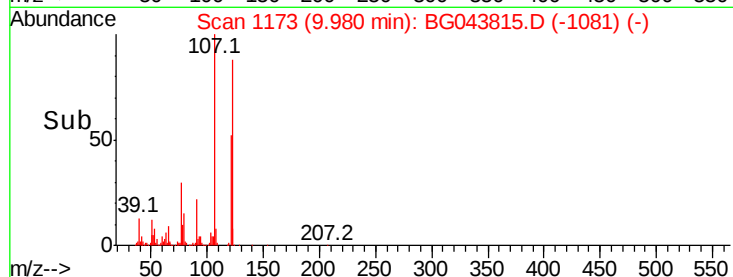
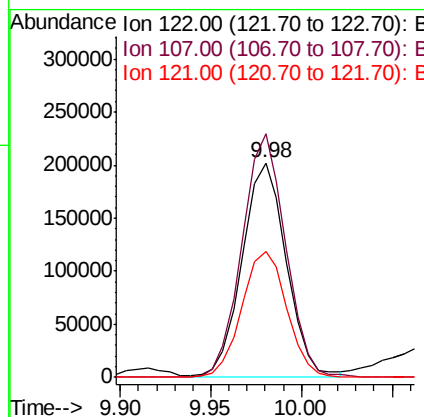
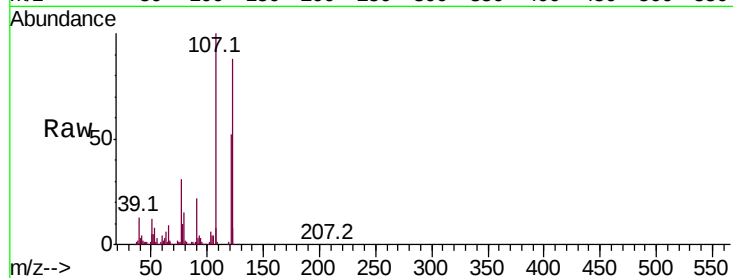
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	343869
Ion Ratio	Lower	Upper	
122	100		
107	113.5	90.0	135.0
121	58.6	48.6	73.0

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.409 ng

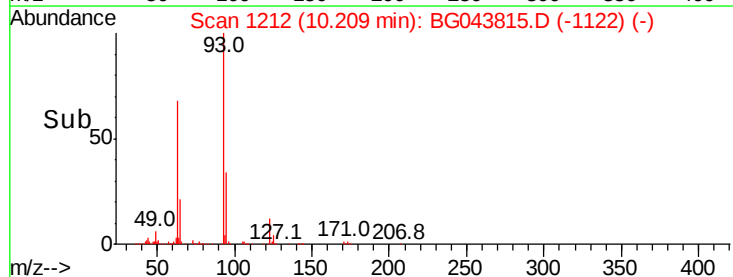
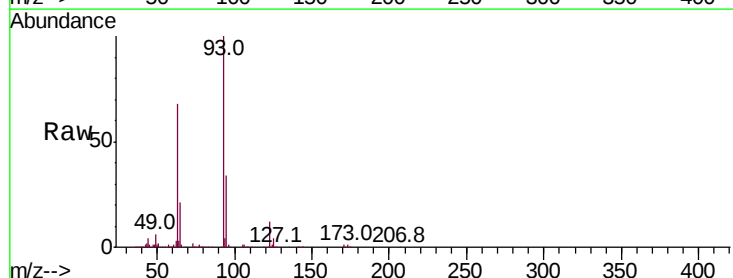
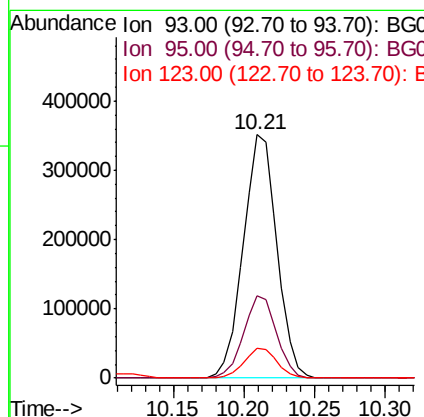
RT: 10.21 min Scan# 1212

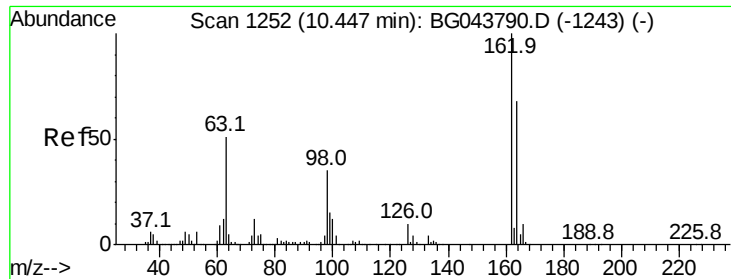
Delta R.T. -0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	93	Resp:	584946
Ion Ratio	Lower	Upper	
93	100		
95	33.9	25.7	38.5
123	12.2	9.5	14.3





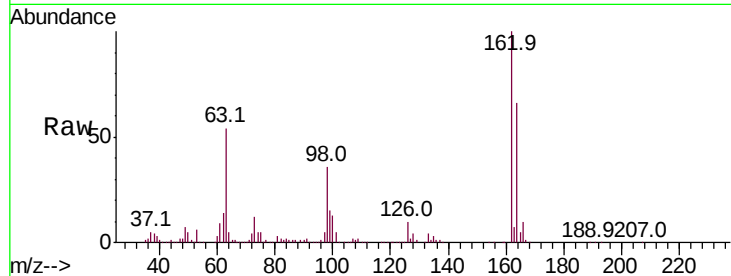
#29
2,4-Dichlorophenol
Concen: 40.720 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	48.0	88.0
98	36.4	14.9	54.9

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM

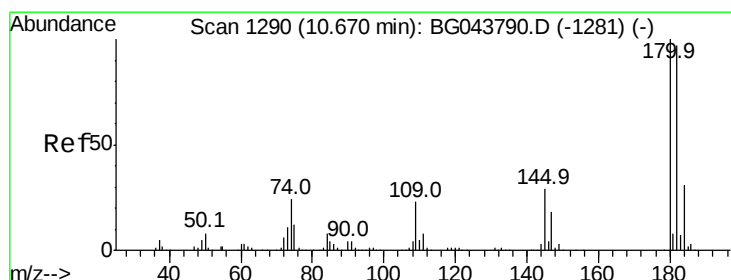
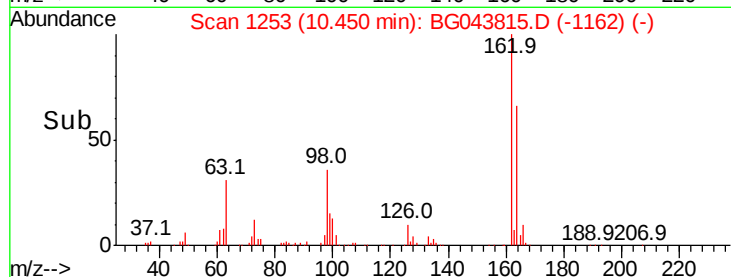
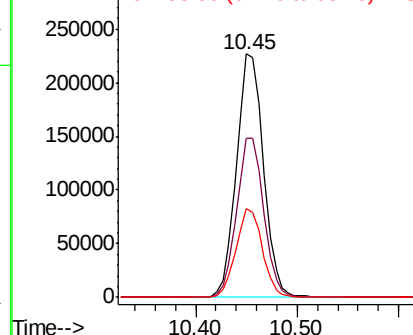


Abundance

Ion 162.00 (161.70 to 162.70): E

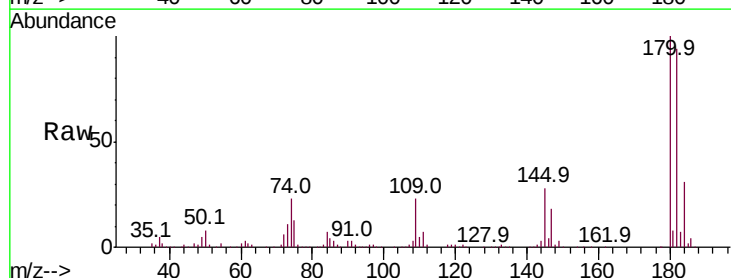
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.275 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.8	116.8
145	28.0	23.0	34.6

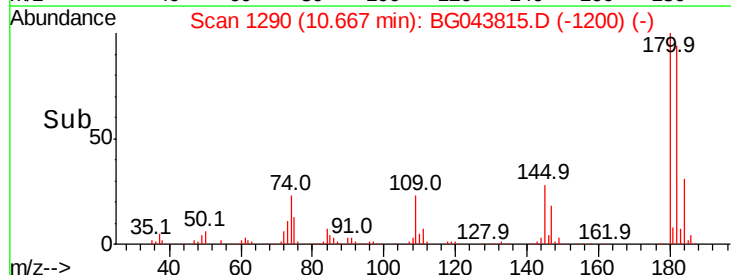
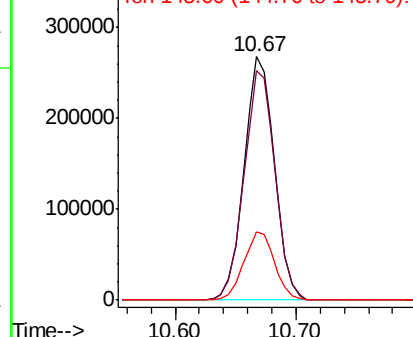


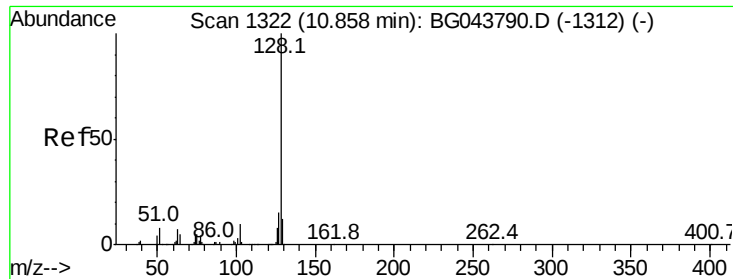
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





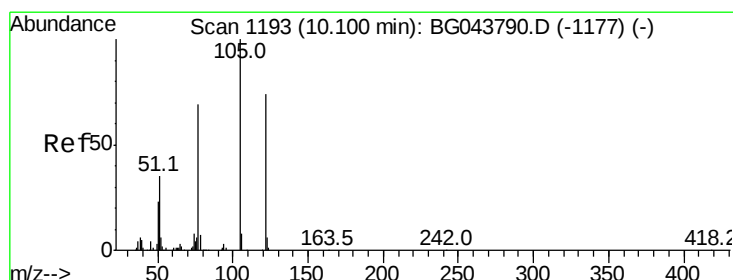
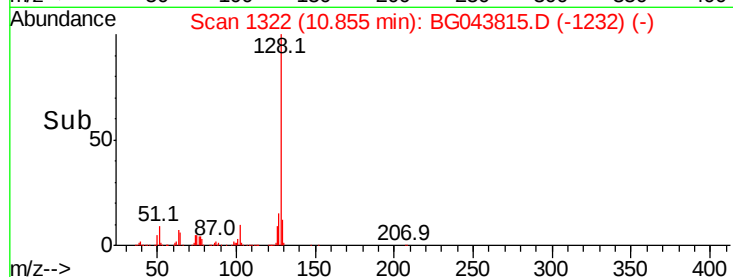
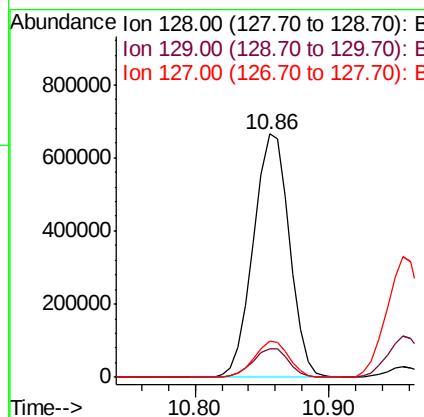
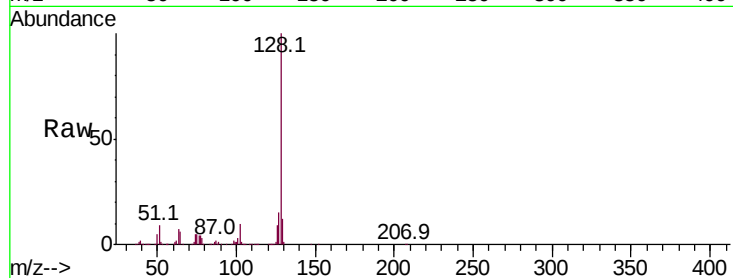
#31
Naphthalene
Concen: 38.588 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	15.0	11.9	17.9

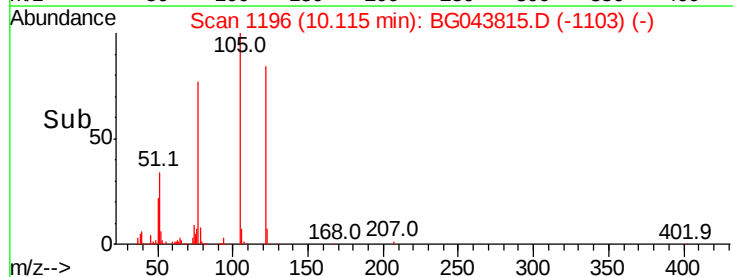
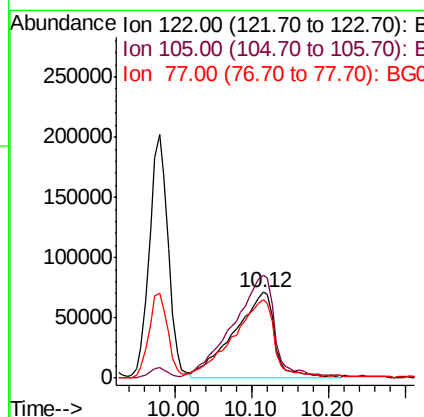
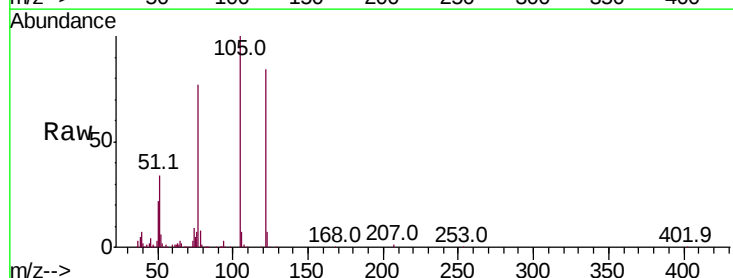
Manual Integrations
APPROVED

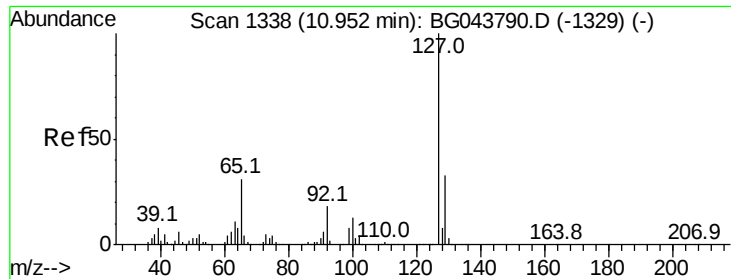
mohammad
12/18/2019 2:40:33 PM



#32
Benzoic acid
Concen: 46.333 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	107.5	147.5
77	91.6	71.7	111.7





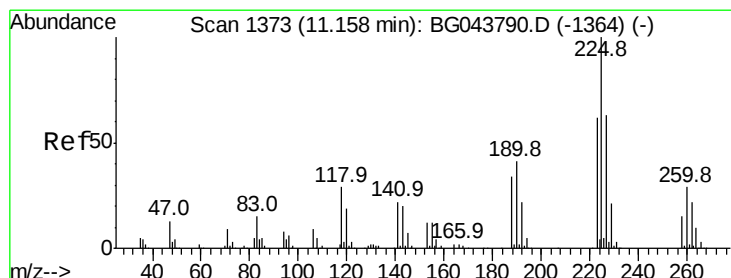
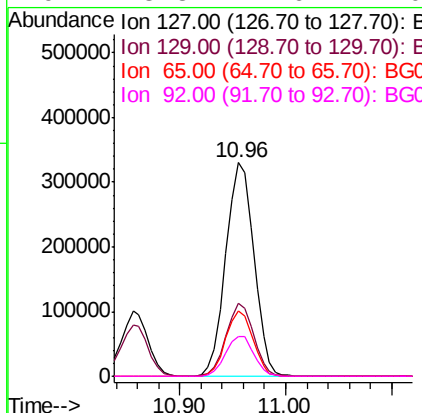
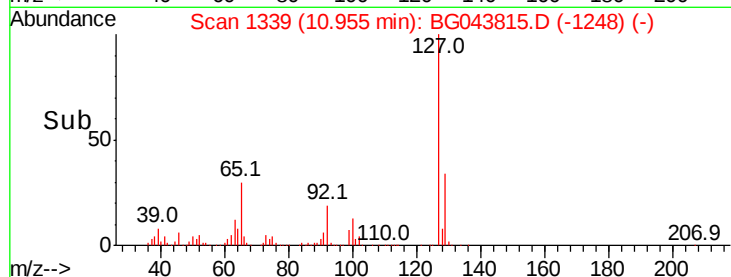
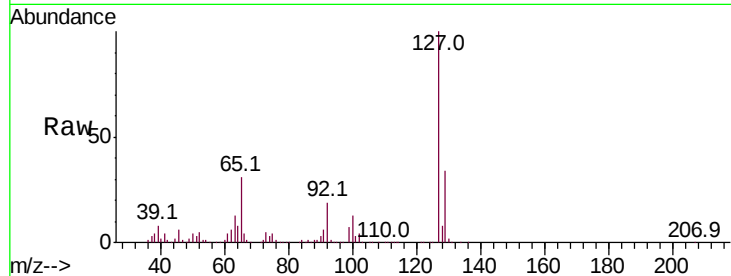
#33
4-Chloroaniline
Concen: 39.287 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.1	26.1	39.1		
65	30.5	24.4	36.6		
92	18.8	14.6	22.0		

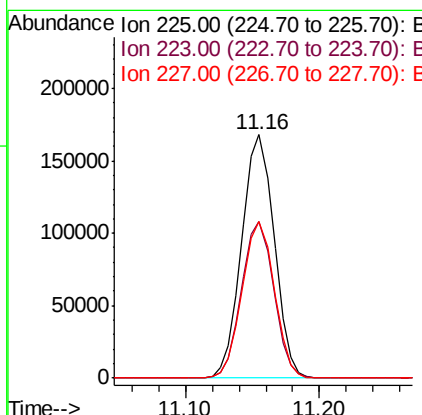
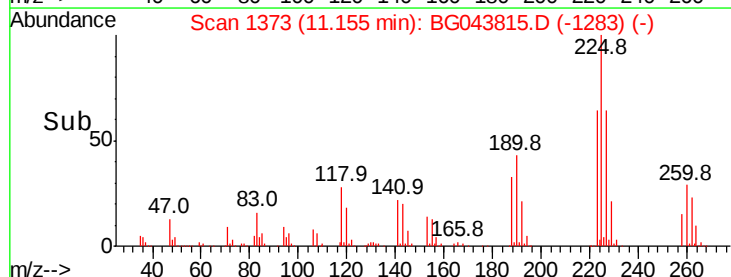
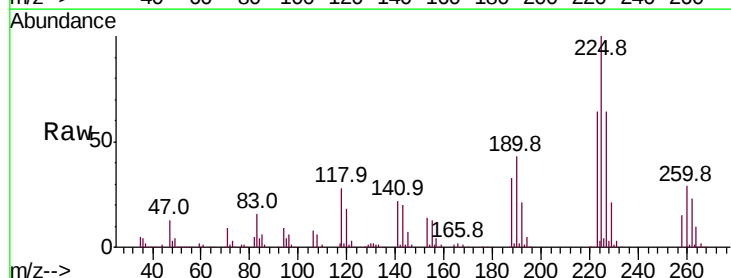
Manual Integrations
APPROVED

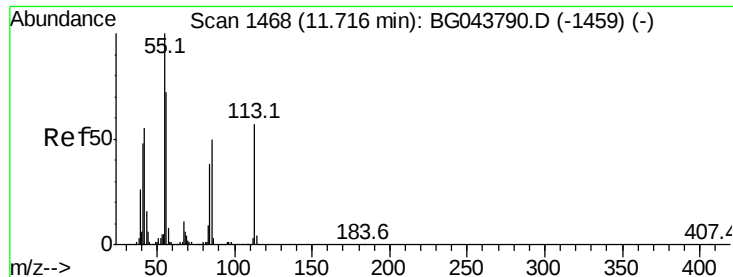
mohammad
12/18/2019 2:40:33 PM



#34
Hexachlorobutadiene
Concen: 38.272 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.3	73.9		
227	64.4	50.2	75.2		





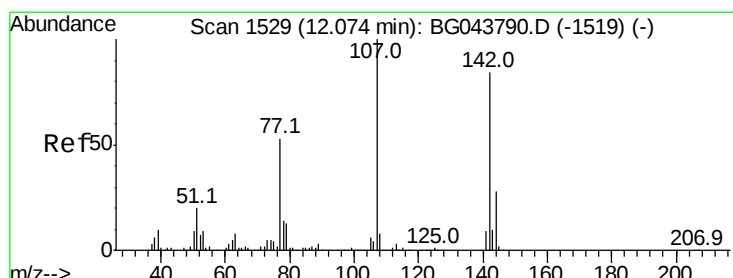
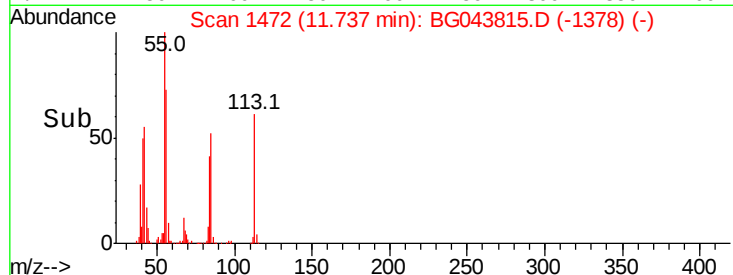
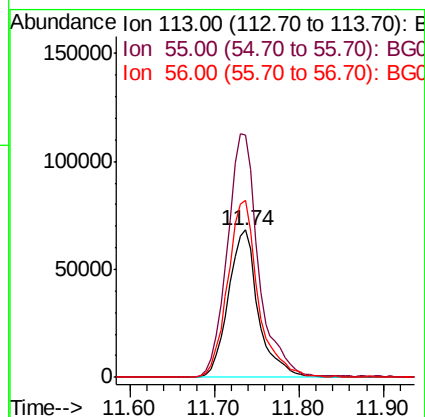
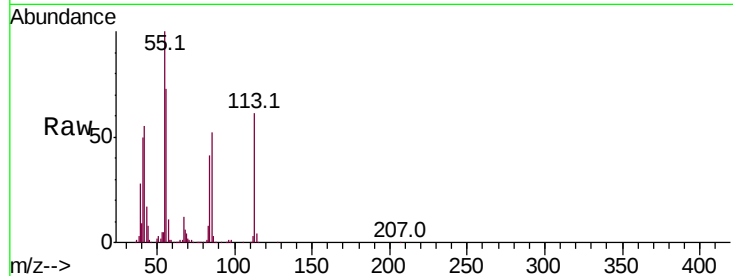
#35
Caprolactam
Concen: 40.973 ng
RT: 11.74 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.7	154.2	194.2
56	120.2	105.6	145.6

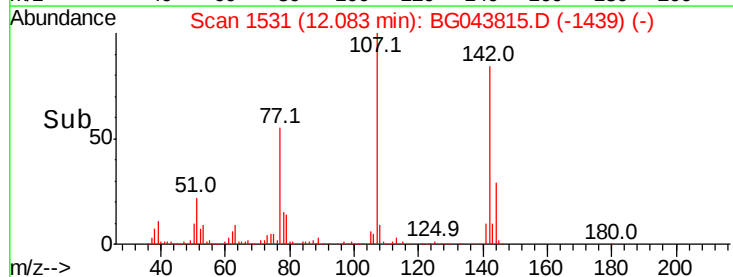
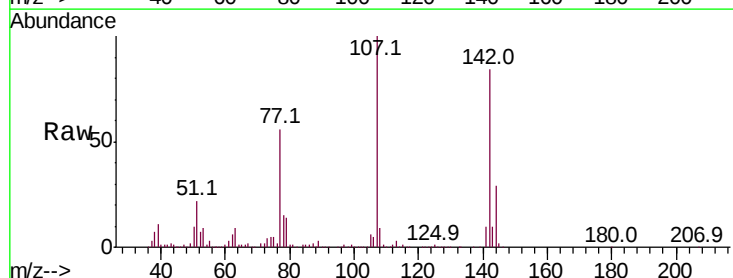
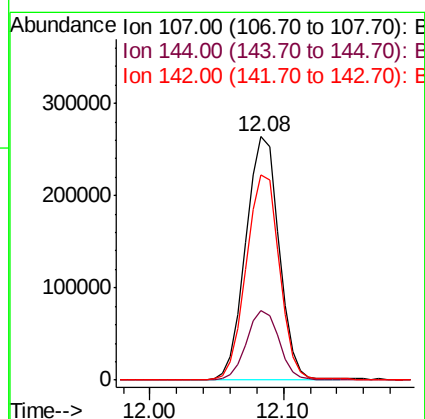
Manual Integrations
APPROVED

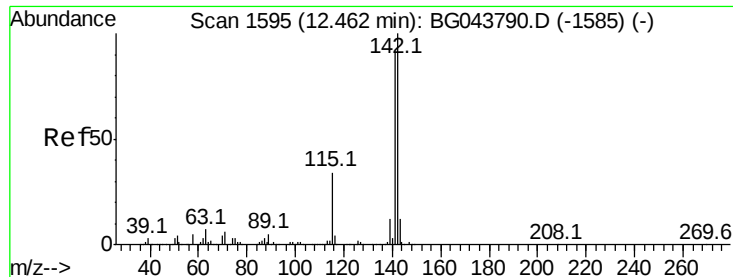
mohammad
12/18/2019 2:40:33 PM



#36
4-Chloro-3-methylphenol
Concen: 40.998 ng
RT: 12.08 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.2	33.4
142	84.3	67.0	100.6





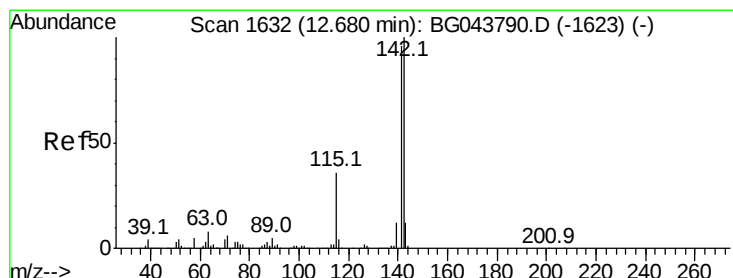
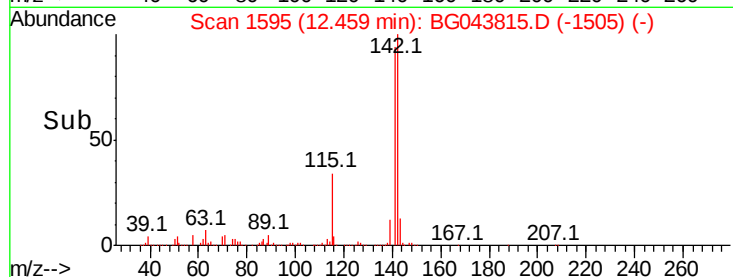
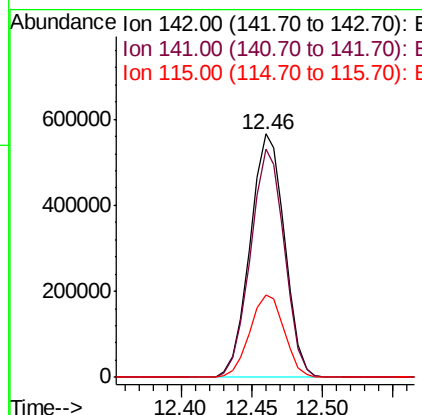
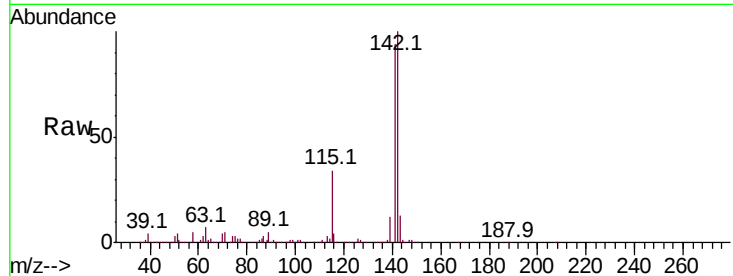
#37
2-Methylnaphthalene
Concen: 39.089 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	972395		
141	93.9	73.2	109.8	
115	33.8	27.3	40.9	

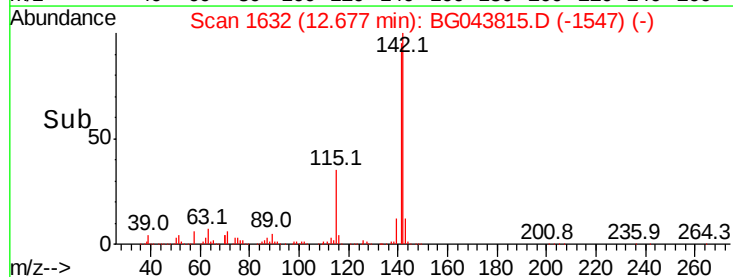
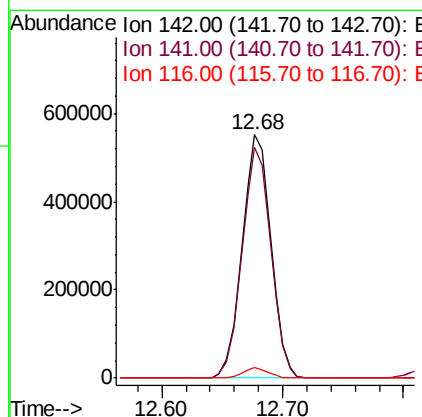
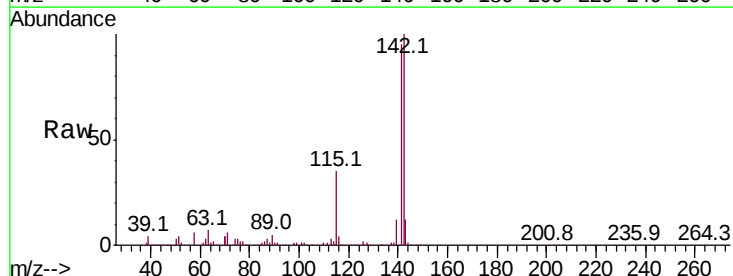
Manual Integrations
APPROVED

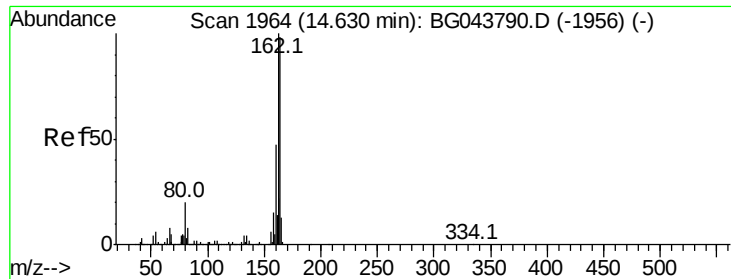
mohammad
12/18/2019 2:40:33 PM



#38
1-Methylnaphthalene
Concen: 38.869 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	919450		
141	94.9	76.9	115.3	
116	4.2	3.2	4.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

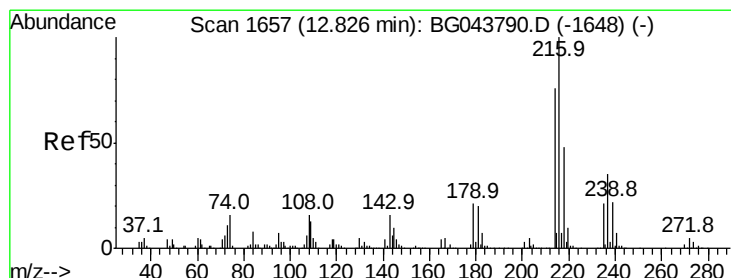
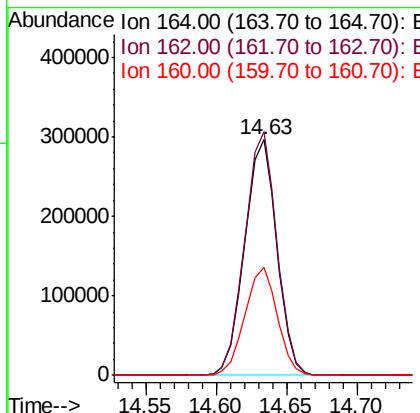
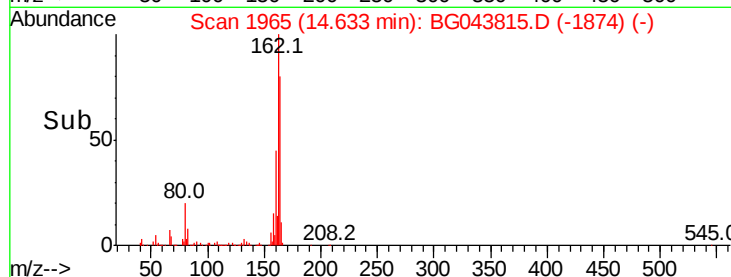
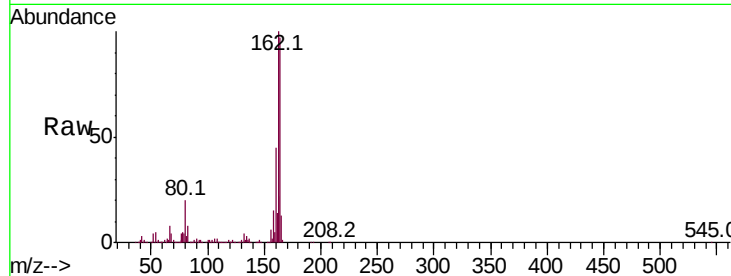
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.9	122.9
160	46.0	38.3	57.5

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.757 ng

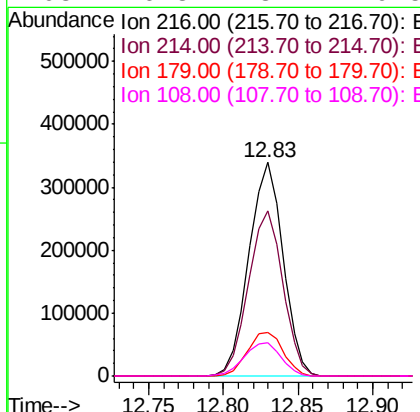
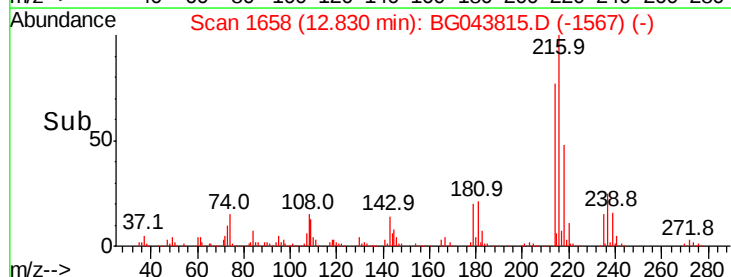
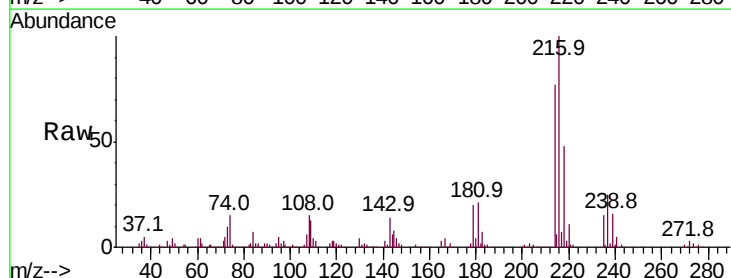
RT: 12.83 min Scan# 1658

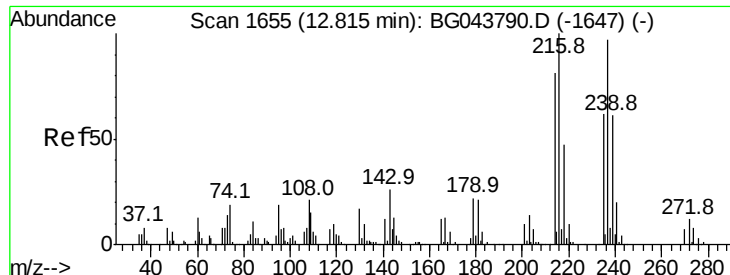
Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.2	93.4
179	21.4	16.6	25.0
108	16.8	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 41.678 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

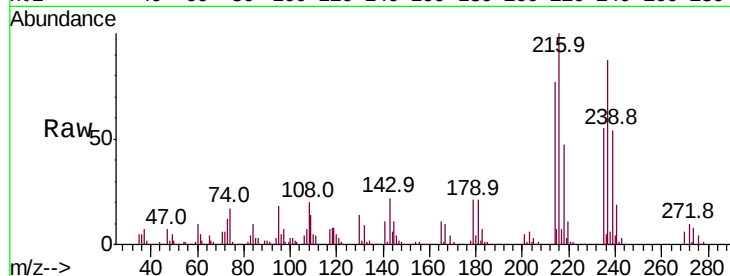
ClientSampleId :

SSTDCCC040

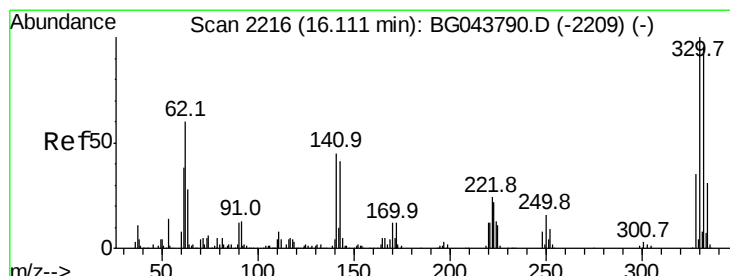
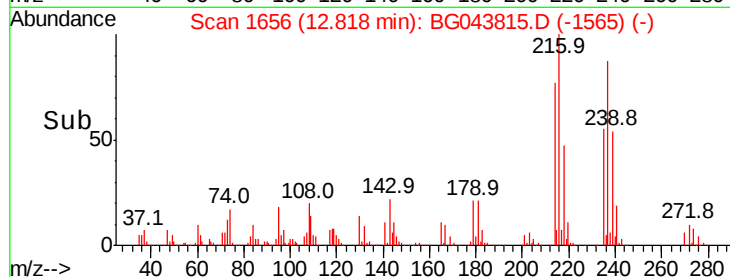
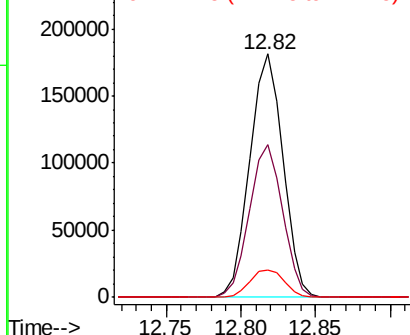
Tot Ion:	237	Resp:	278554
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.9	83.9
272	11.4	0.0	32.0

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



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: 85.577 ng

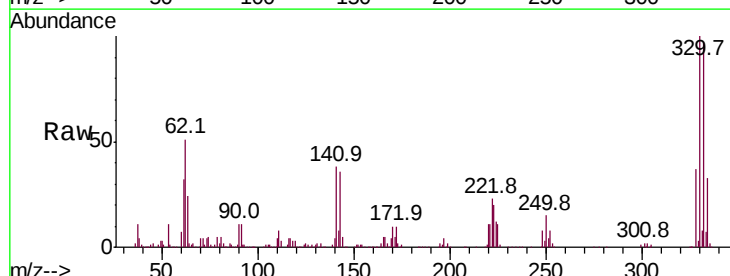
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

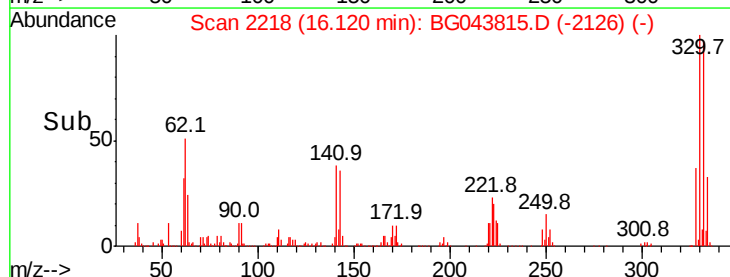
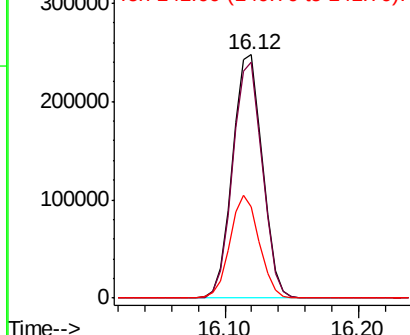
Lab File: BG043815.D

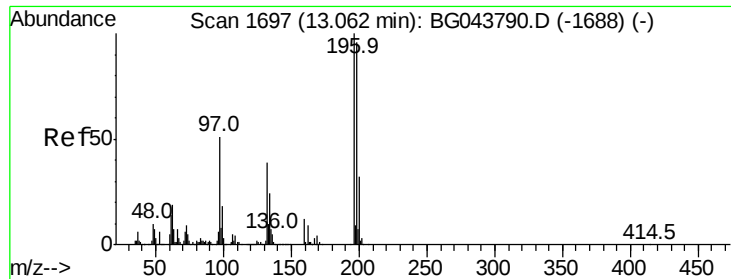
Acq: 17 Dec 2019 11:43

Tgt Ion:	330	Resp:	386603
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.9	115.3
141	41.3	33.8	50.8



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





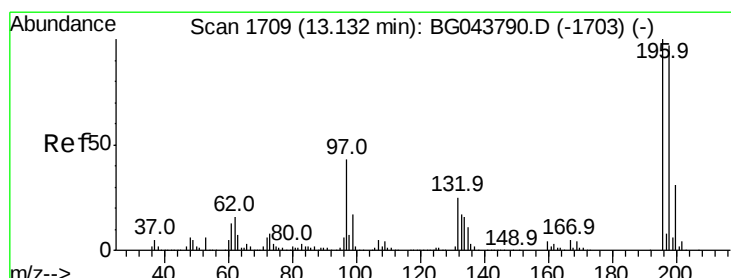
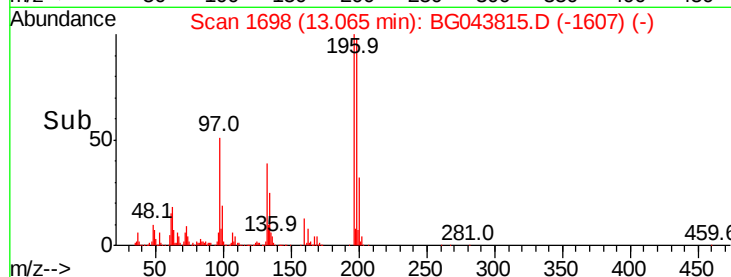
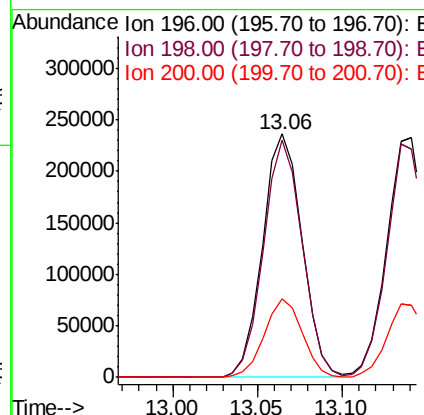
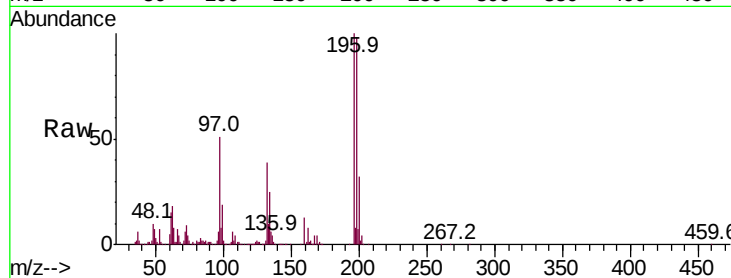
#43
2,4,6-Trichlorophenol
Concen: 42.165 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	381611		
198	97.6	77.0	115.6	
200	32.1	25.7	38.5	

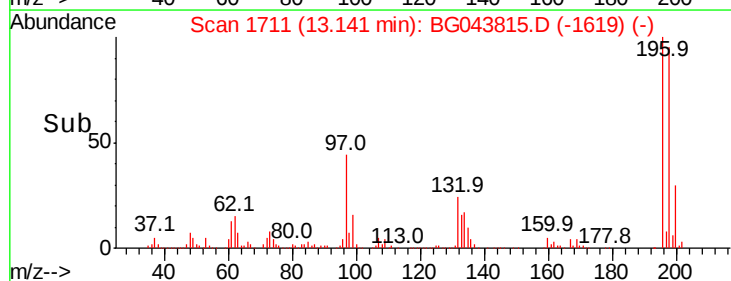
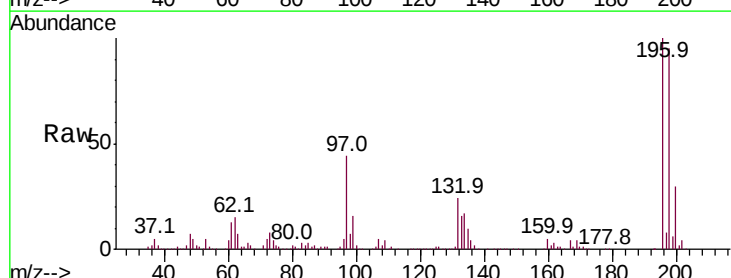
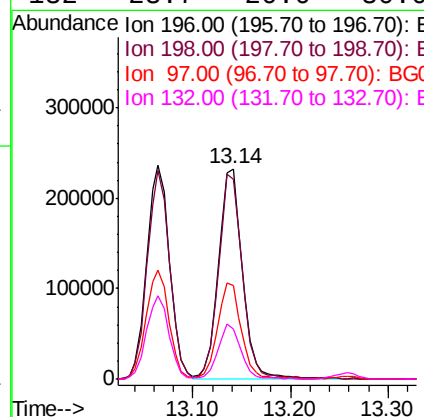
Manual Integrations
APPROVED

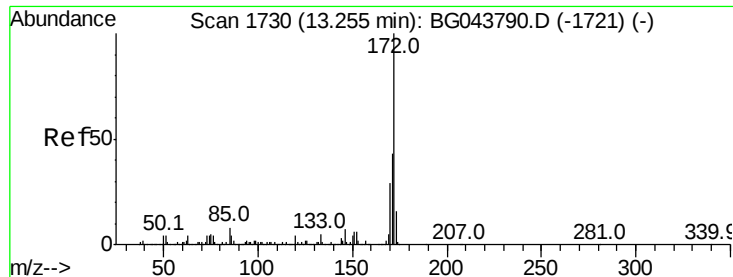
mohammad
12/18/2019 2:40:33 PM



#44
2,4,5-Trichlorophenol
Concen: 41.492 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	393422		
198	95.1	77.4	116.0	
97	44.5	34.7	52.1	
132	23.7	20.0	30.0	





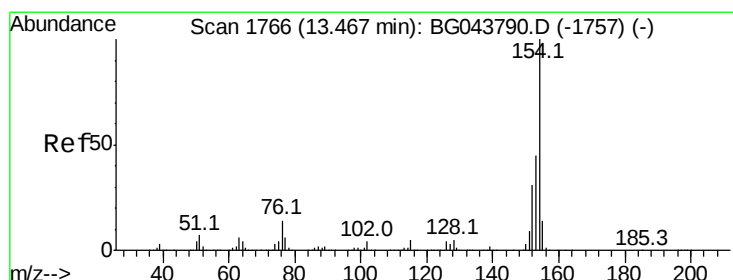
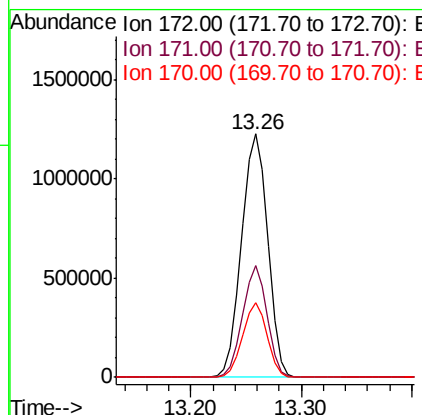
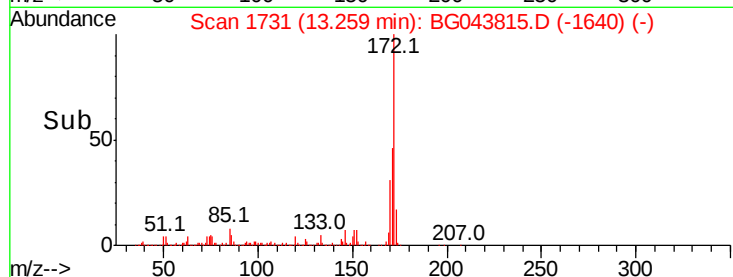
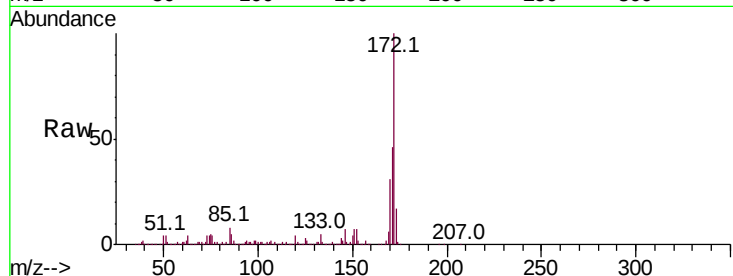
#45
2-Fluorobiphenyl
Concen: 75.980 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	45.9	34.6	51.8
170	30.7	23.3	34.9

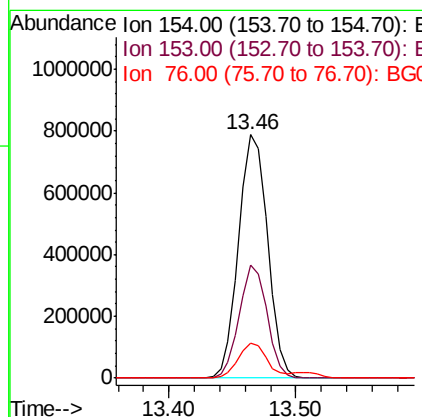
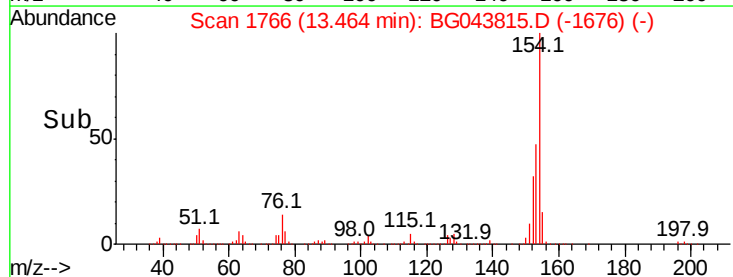
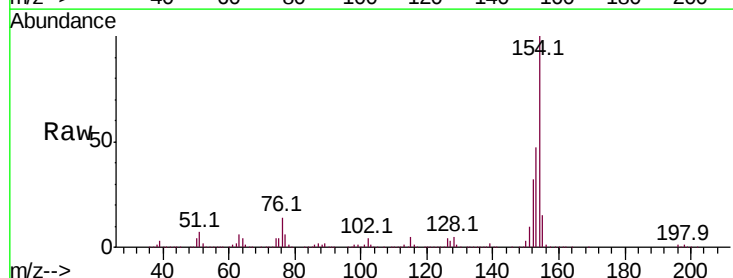
Manual Integrations
APPROVED

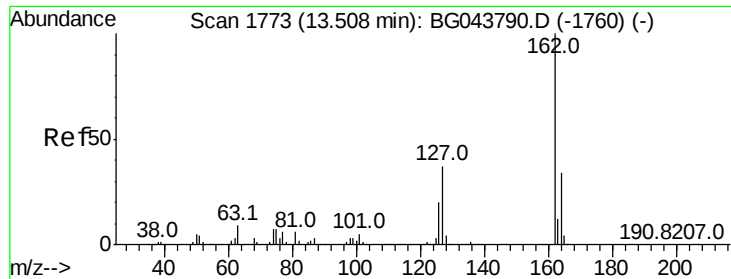
mohammad
12/18/2019 2:40:33 PM



#46
1,1'-Biphenyl
Concen: 38.246 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.6	24.5	64.5
76	14.4	0.0	33.9





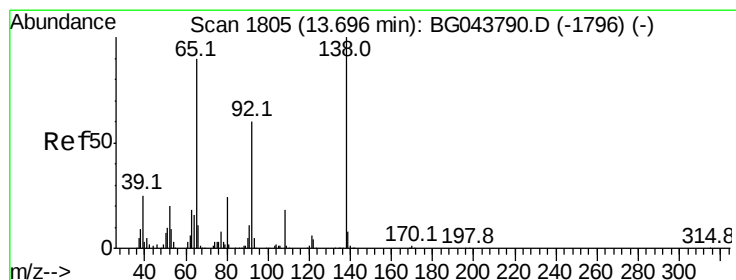
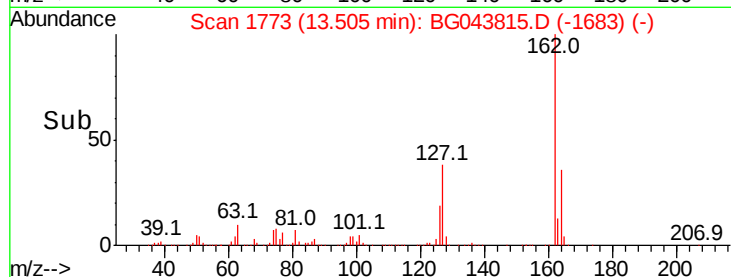
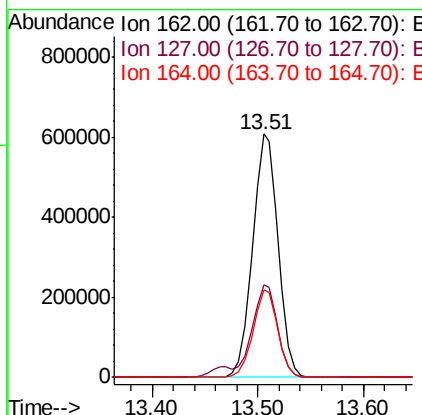
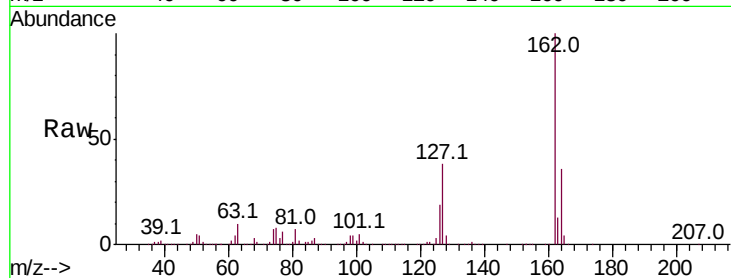
#47
2-Chloronaphthalene
Concen: 38.150 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	35.7	27.6	41.4

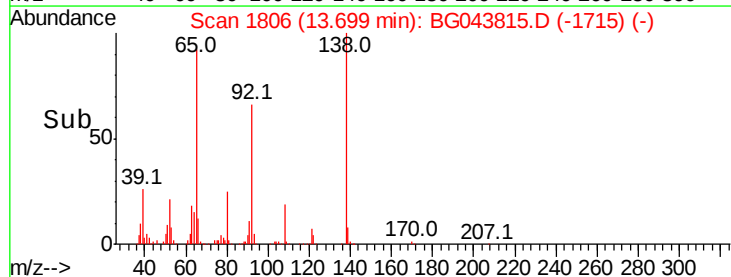
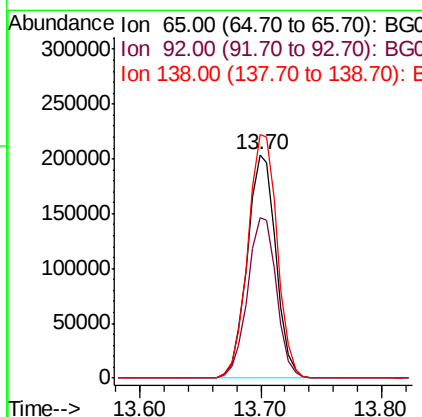
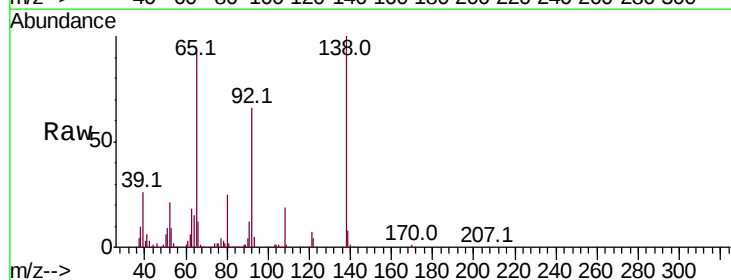
Manual Integrations
APPROVED

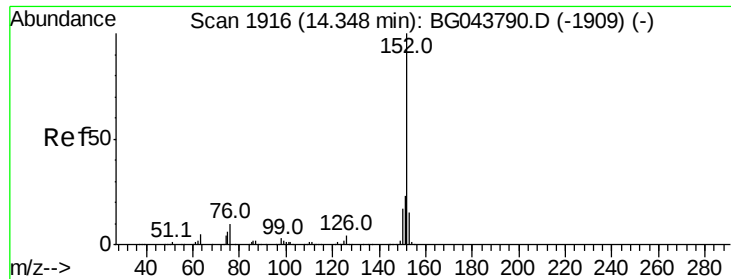
mohammad
12/18/2019 2:40:33 PM



#48
2-Nitroaniline
Concen: 42.743 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.7	80.5
138	109.1	88.8	133.2





#49

Acenaphthylene

Concen: 38.192 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1519430

Ion Ratio Lower Upper

152 100

151 24.3 18.5 27.7

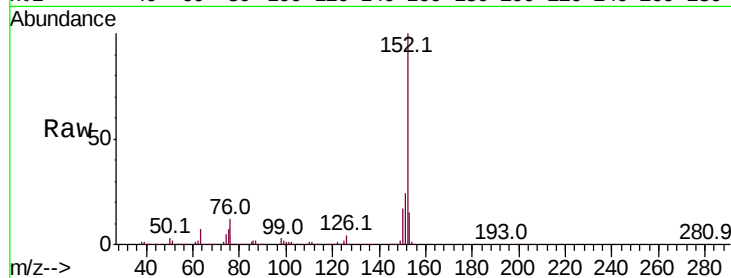
153 15.3 11.8 17.8

Manual Integrations

APPROVED

mohammad

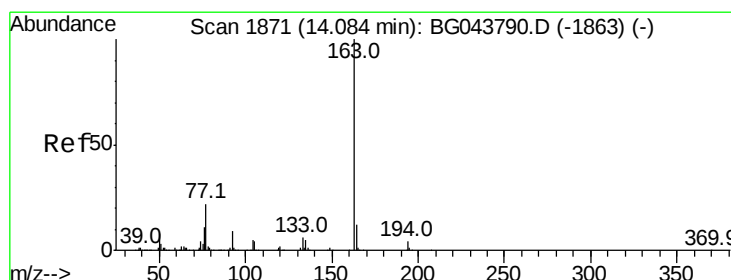
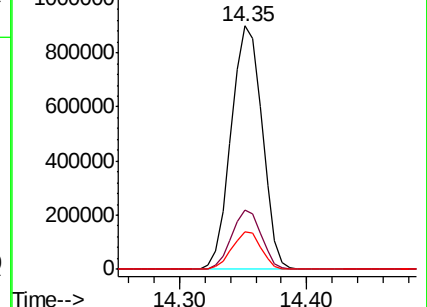
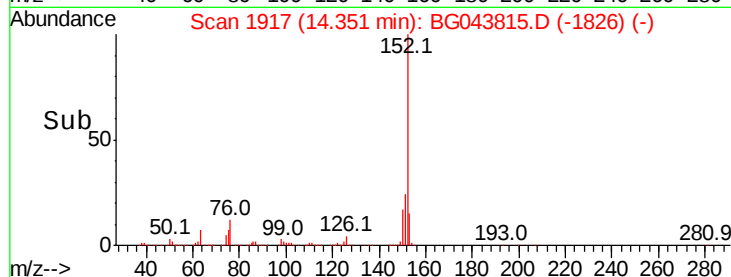
12/18/2019 2:40:33 PM



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: 38.161 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

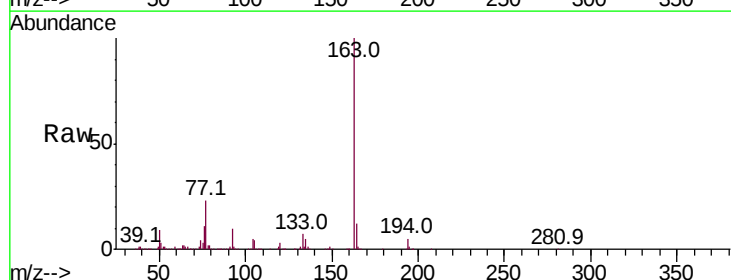
Tgt Ion:163 Resp: 1290675

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

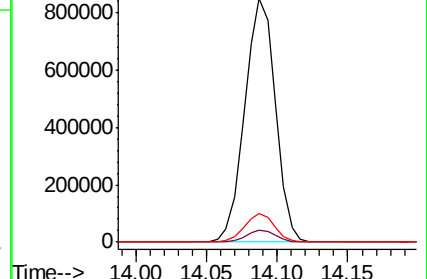
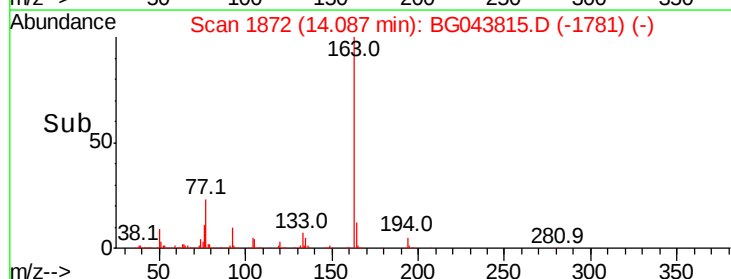
164 11.8 9.4 14.0

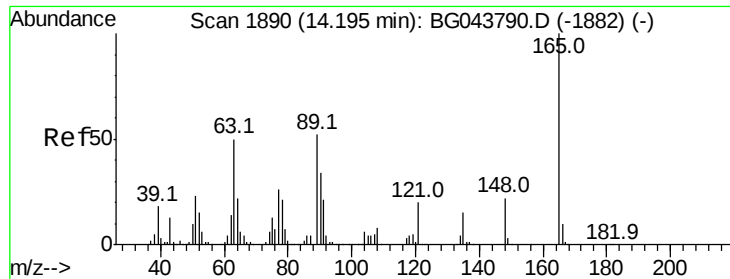


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





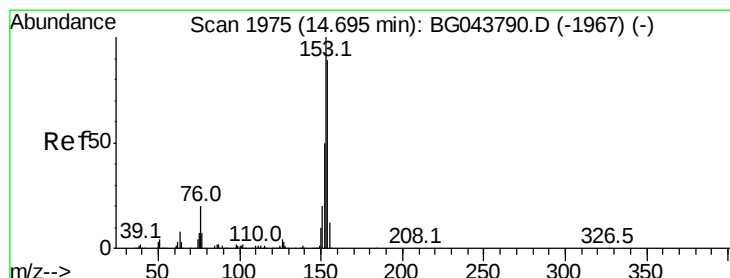
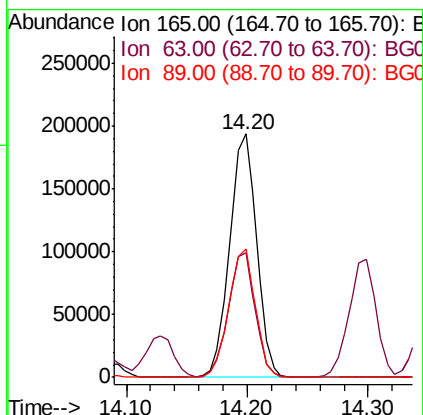
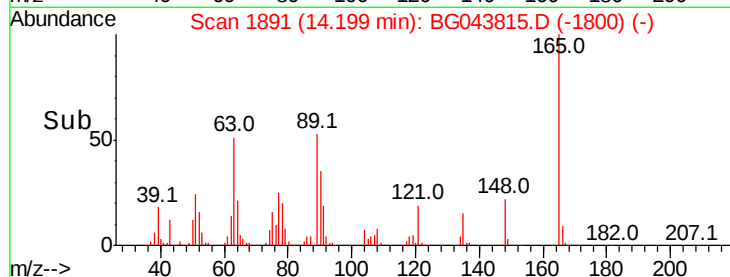
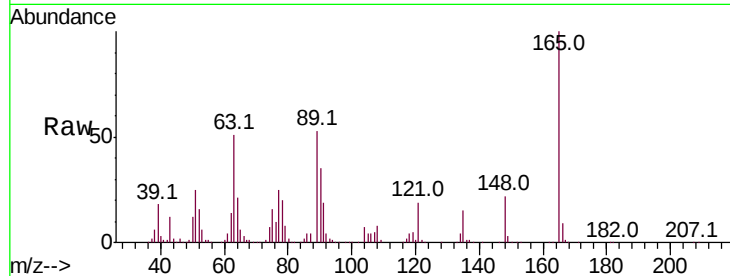
#51
2,6-Dinitrotoluene
Concen: 41.398 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	301737		
63	51.1		40.3	60.5
89	52.8		41.8	62.8

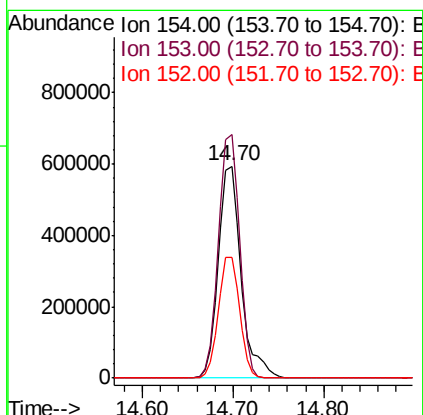
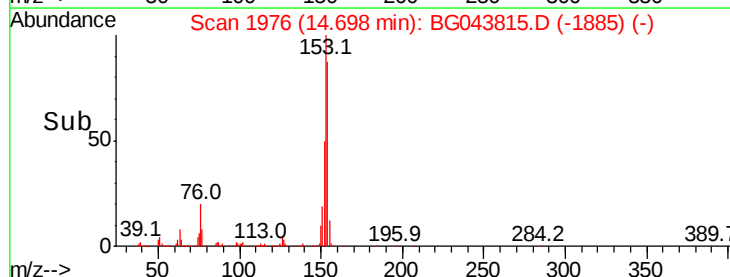
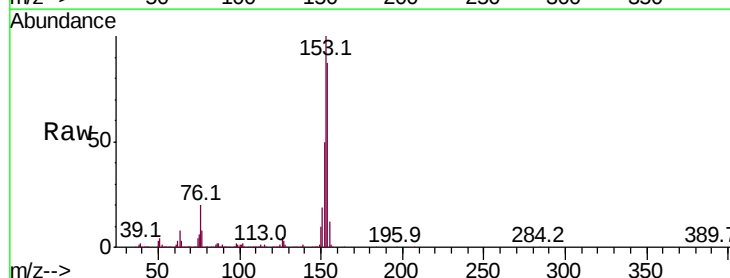
Manual Integrations
APPROVED

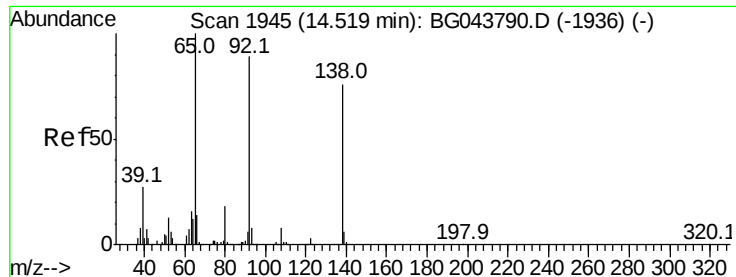
mohammad
12/18/2019 2:40:33 PM



#52
Acenaphthene
Concen: 39.265 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1027640		
153	114.8		89.5	134.3
152	57.2		45.0	67.4





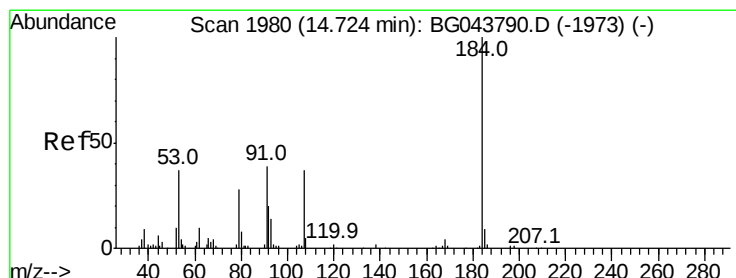
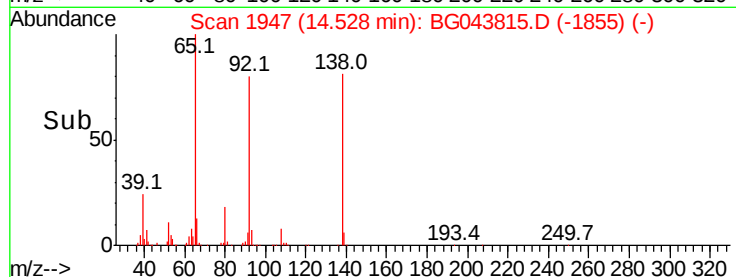
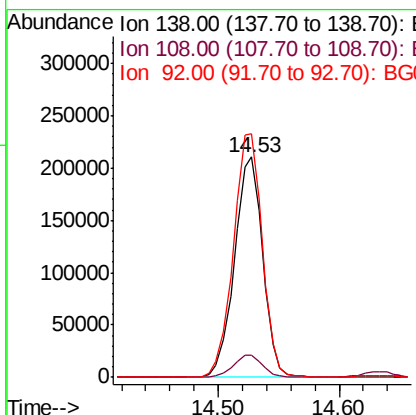
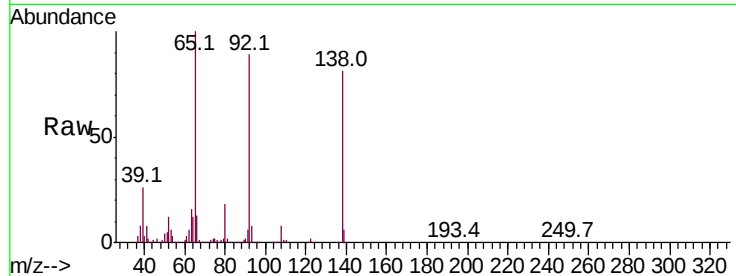
#53
3-Nitroaniline
Concen: 41.220 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	110.7	94.6	141.8

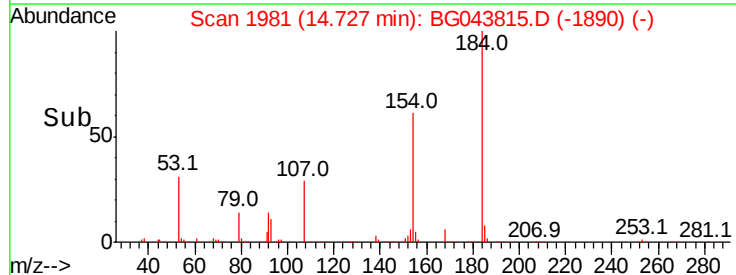
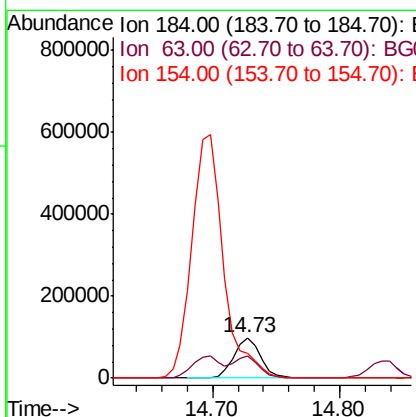
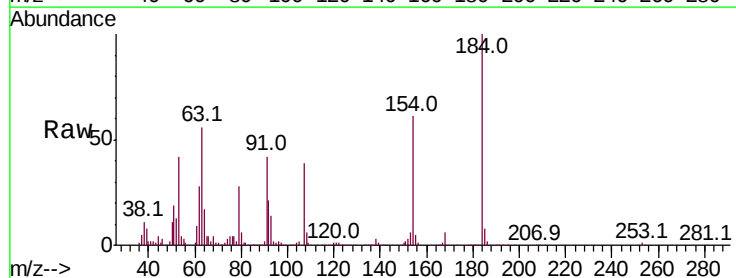
Manual Integrations
APPROVED

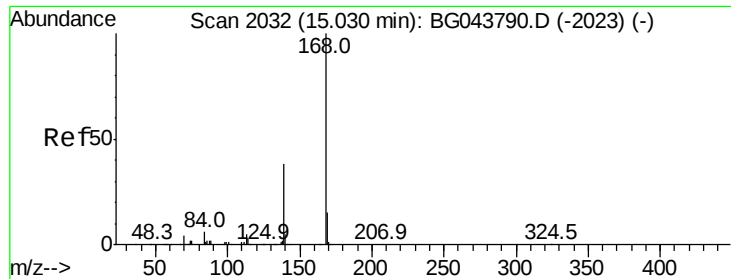
mohammad
12/18/2019 2:40:33 PM



#54
2,4-Dinitrophenol
Concen: 55.078 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	43.4	65.0
154	61.5	54.8	82.2





#55

Dibenzofuran

Concen: 38.066 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1474718

Ion Ratio Lower Upper

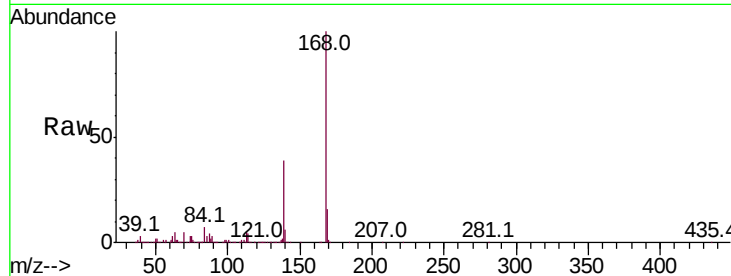
168 100

139 38.5 30.4 45.6

169 15.7 12.0 18.0

Manual Integrations
APPROVED

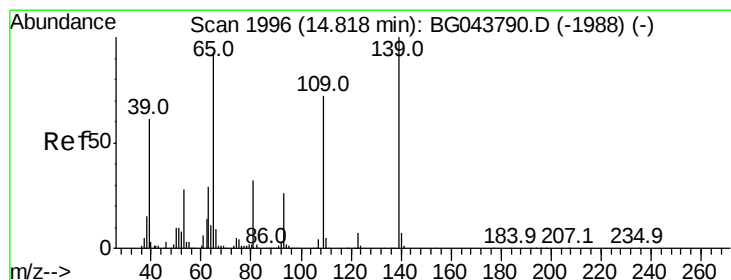
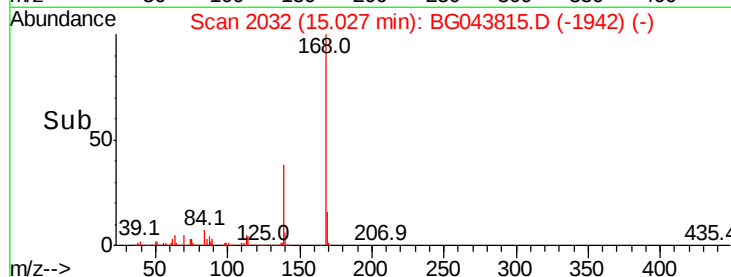
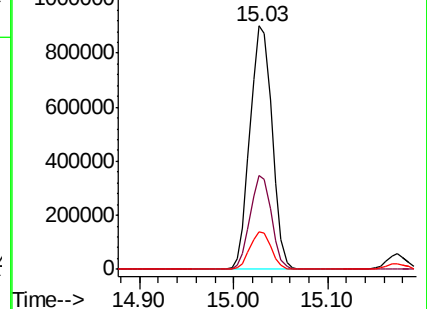
mohammad
12/18/2019 2:40:33 PM



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: 43.705 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

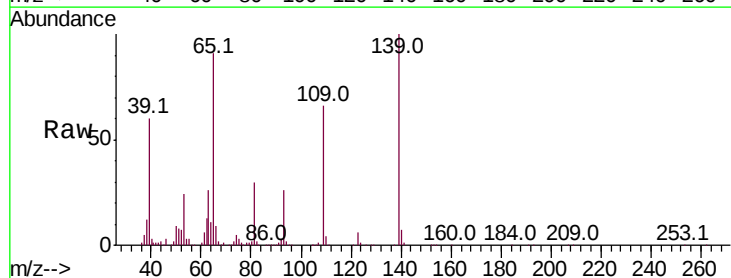
Tgt Ion:139 Resp: 265947

Ion Ratio Lower Upper

139 100

109 66.4 51.5 91.5

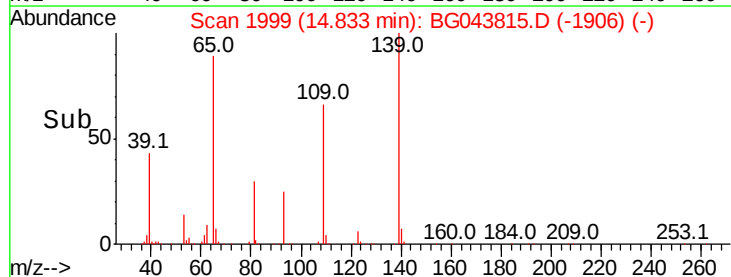
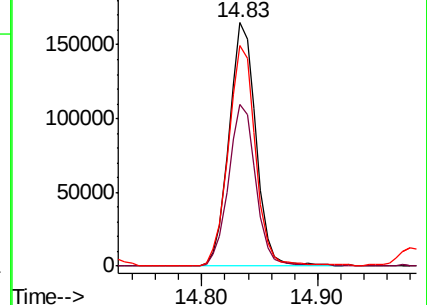
65 90.6 73.7 113.7

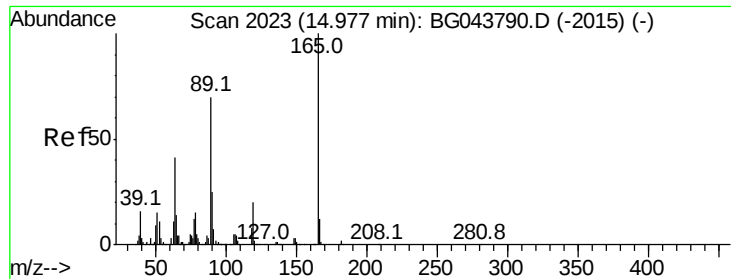


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





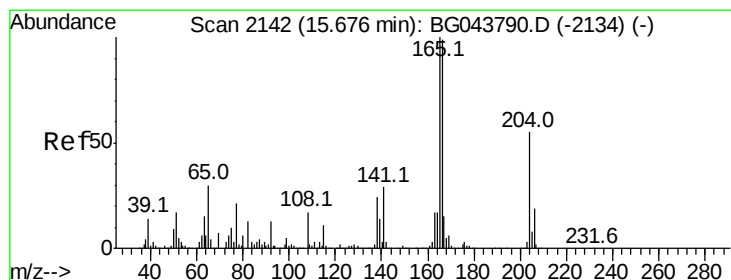
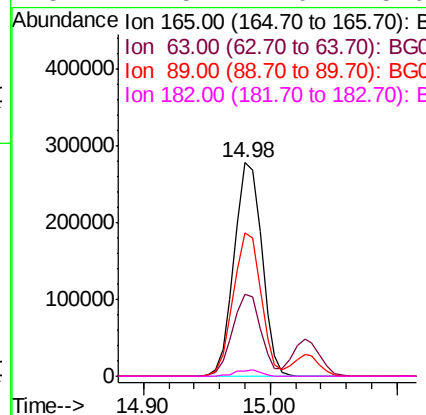
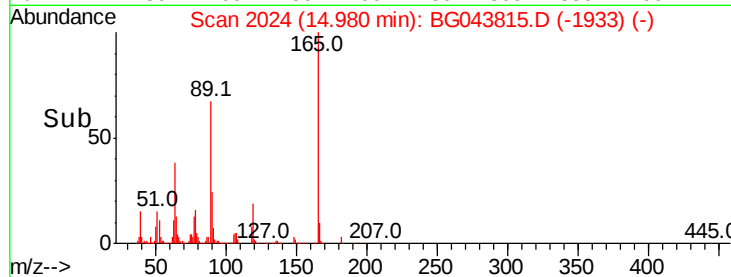
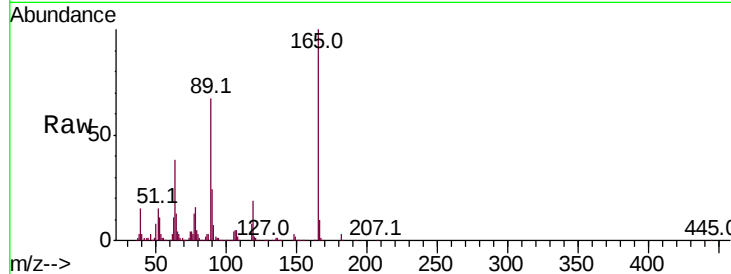
#57
2,4-Dinitrotoluene
Concen: 42.768 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.5	32.7	49.1
89	67.1	56.1	84.1
182	2.5	2.0	3.0

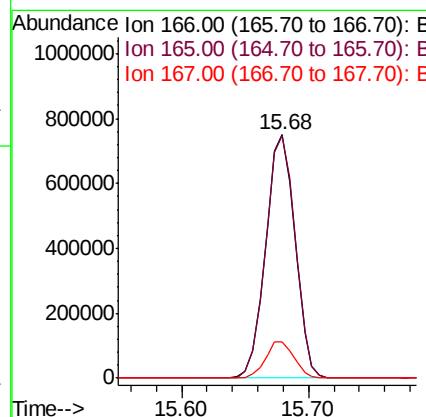
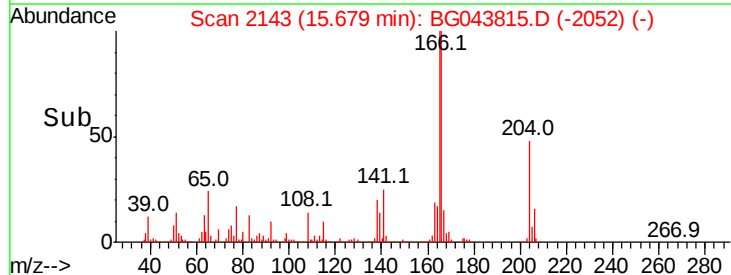
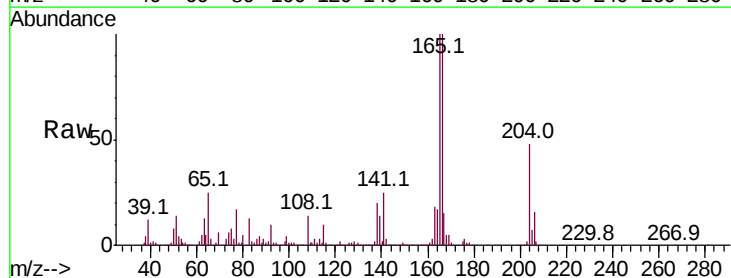
Manual Integrations
APPROVED

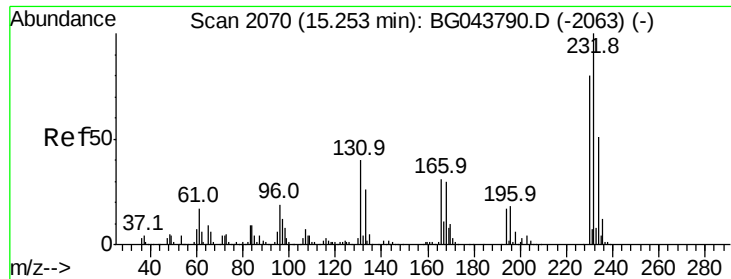
mohammad
12/18/2019 2:40:33 PM



#58
Fluorene
Concen: 38.678 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.5	120.7
167	15.0	12.1	18.1





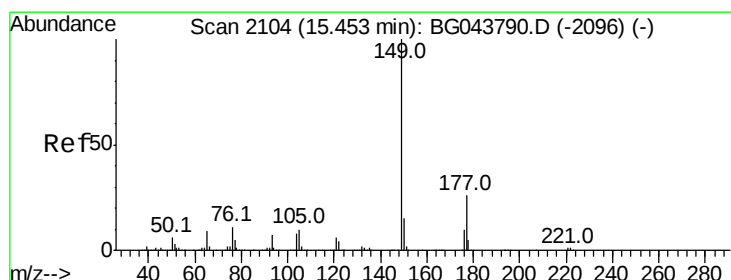
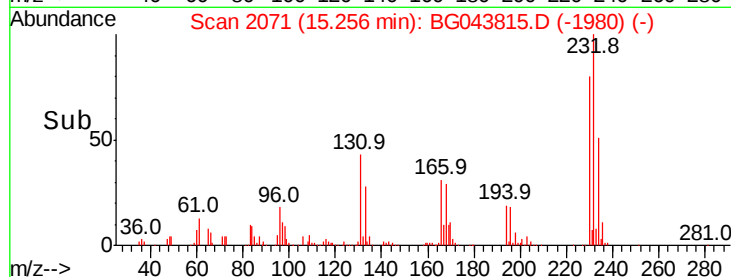
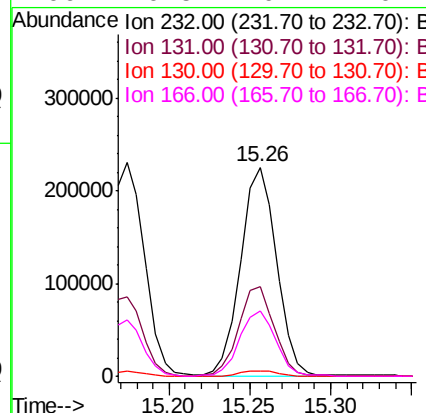
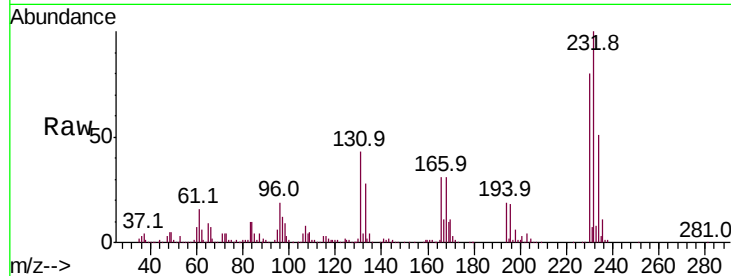
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.225 ng/ml
 RT: 15.26 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	350722
Ion Ratio	Lower	Upper	
232	100		
131	38.1	27.9	41.9
130	2.3	1.8	2.8
166	26.5	19.4	29.2

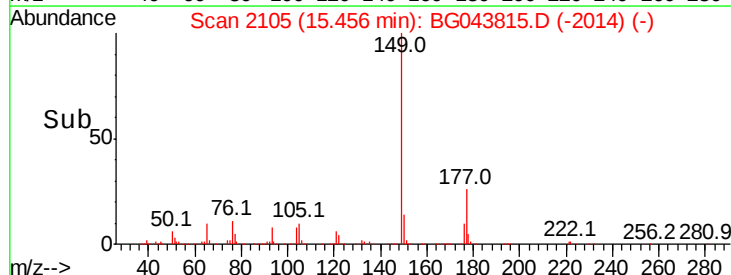
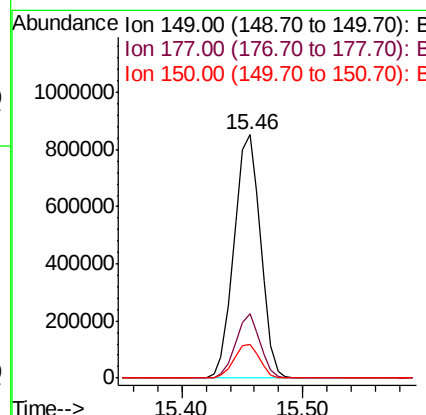
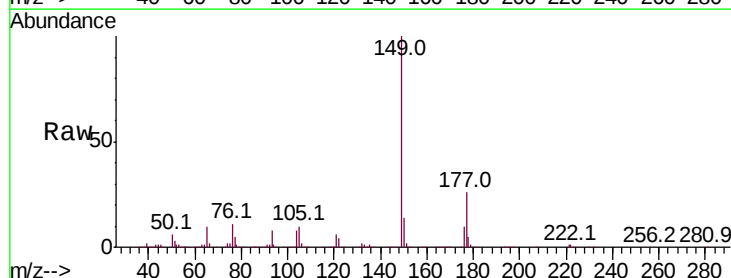
Manual Integrations
 APPROVED

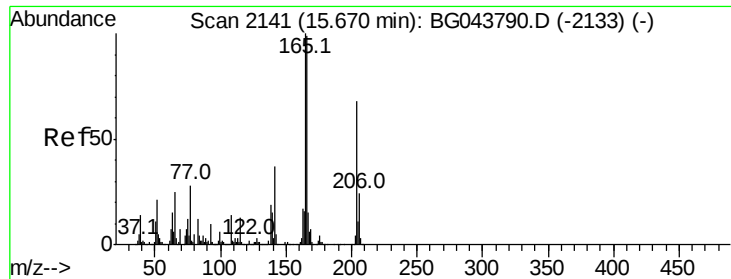
mohammad
 12/18/2019 2:40:33 PM



#60
 Diethylphthalate
 Concen: 38.364 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Tgt Ion:	149	Resp:	1296077
Ion Ratio	Lower	Upper	
149	100		
177	26.3	20.4	30.6
150	14.0	11.6	17.4





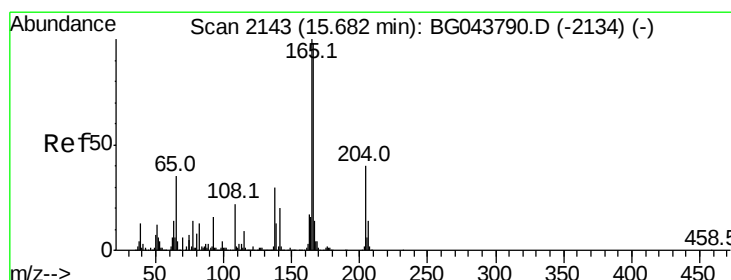
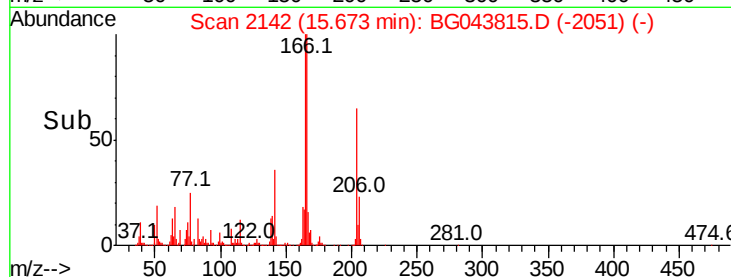
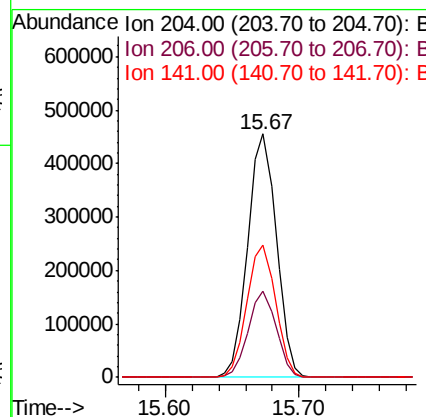
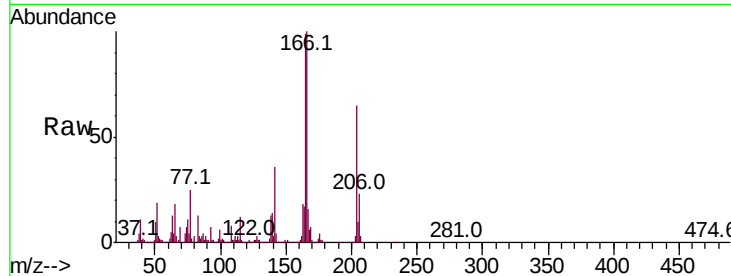
#61
4-Chlorophenyl-phenylether
Concen: 38.433 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.1	42.1
141	54.5	44.1	66.1

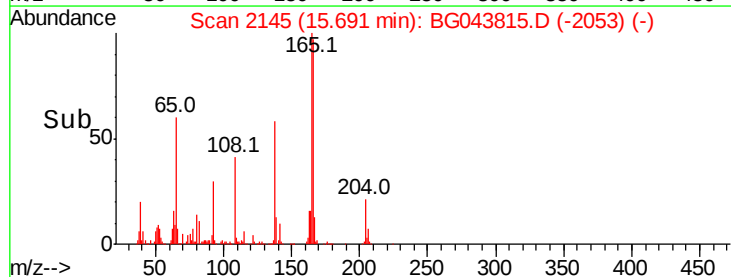
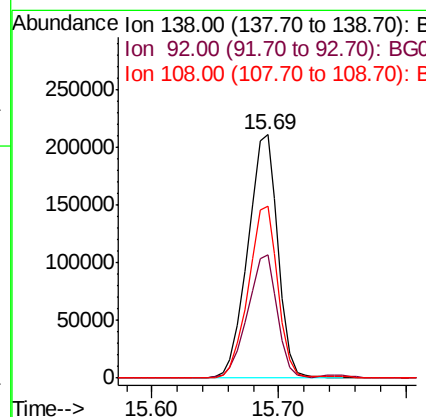
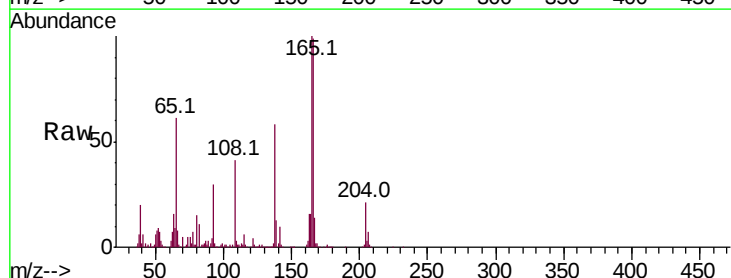
Manual Integrations
APPROVED

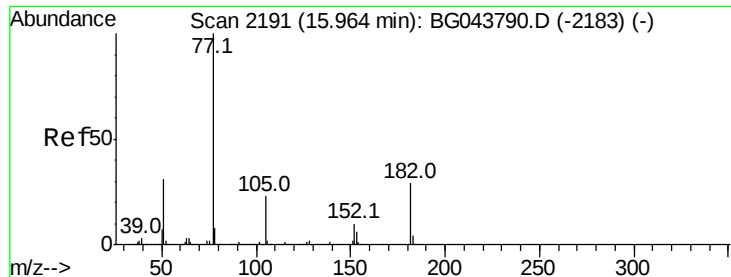
mohammad
12/18/2019 2:40:33 PM



#62
4-Nitroaniline
Concen: 40.252 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.5	71.5
108	70.7	53.1	93.1





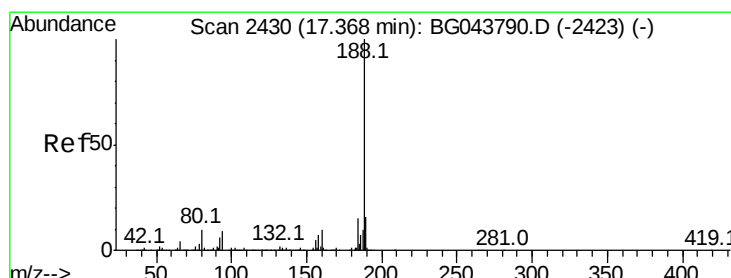
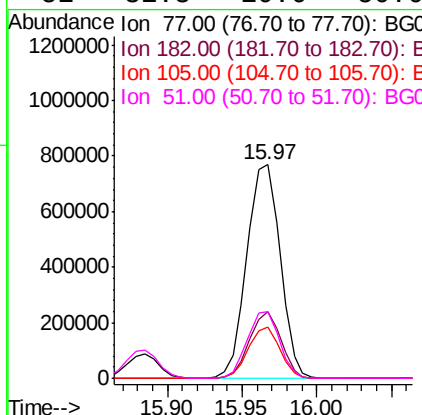
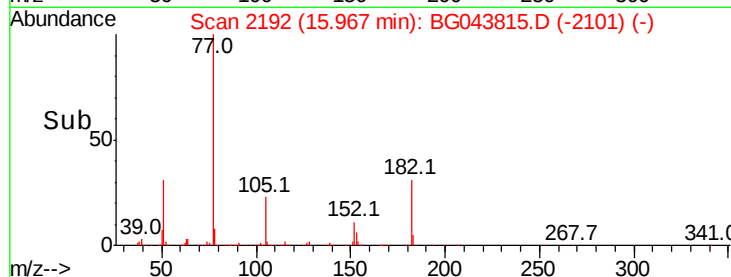
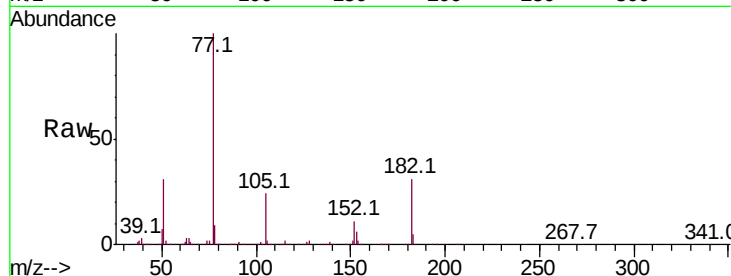
#63
Azobenzene
Concen: 38.089 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.1	9.0	49.0
105	24.0	2.9	42.9
51	31.3	10.6	50.6

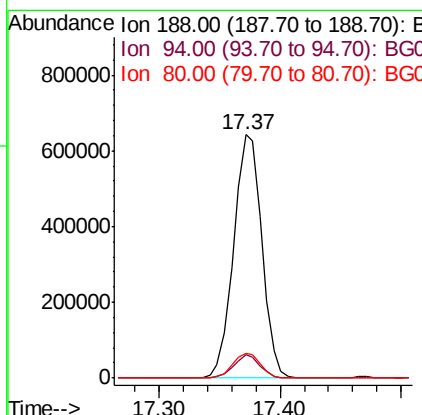
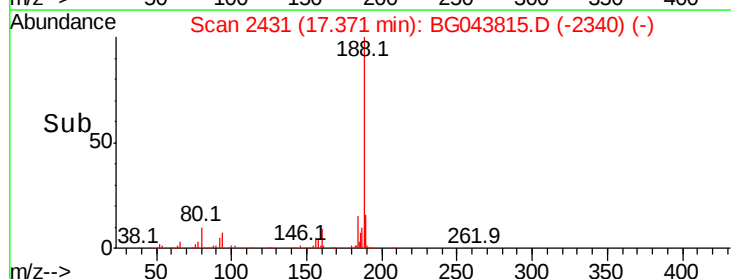
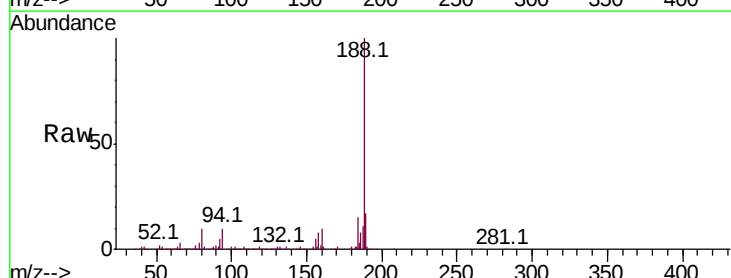
Manual Integrations
APPROVED

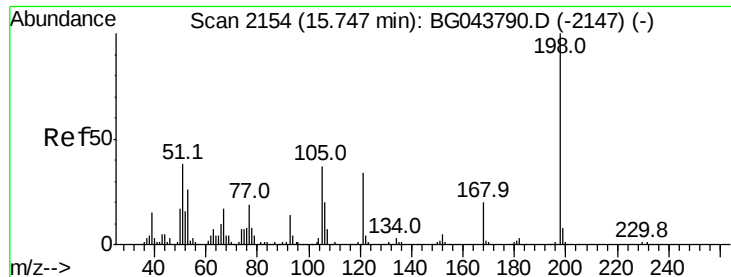
mohammad
12/18/2019 2:40:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	10.3	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 48.868 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 197467

Ion Ratio Lower Upper

198 100

51 37.4 18.9 58.9

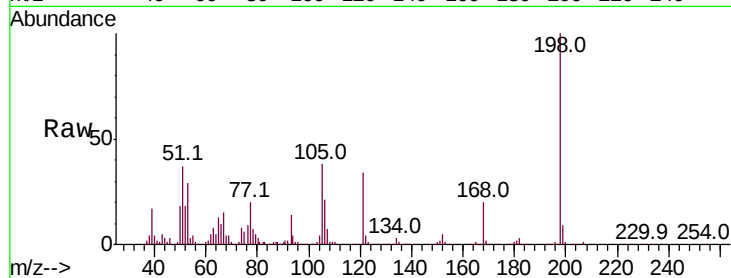
105 38.2 18.1 58.1

Manual Integrations

APPROVED

mohammad

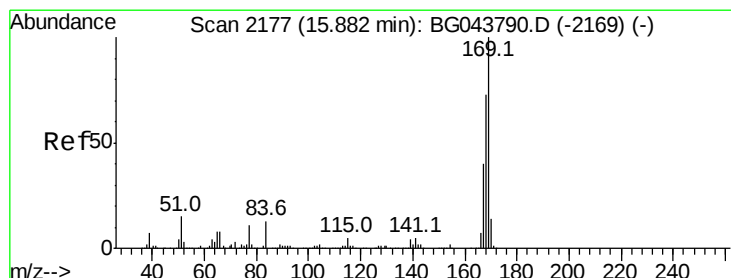
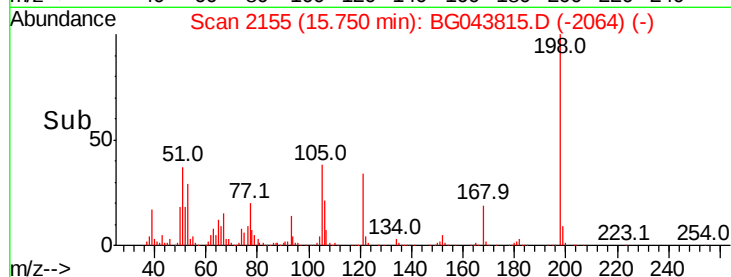
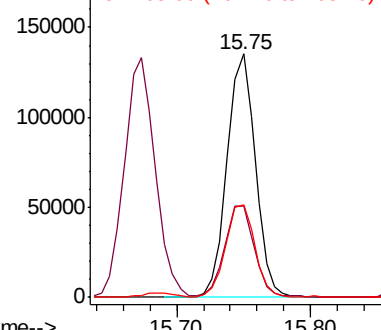
12/18/2019 2:40:33 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.537 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

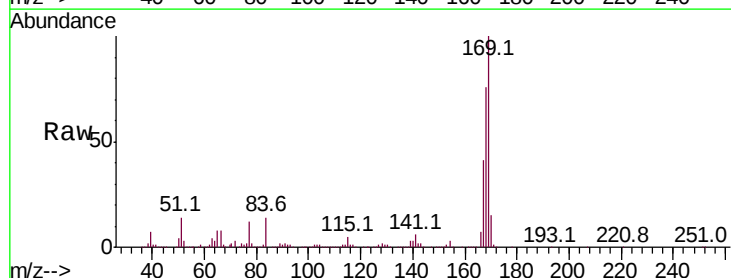
Tgt Ion:169 Resp: 1116921

Ion Ratio Lower Upper

169 100

168 75.6 58.5 87.7

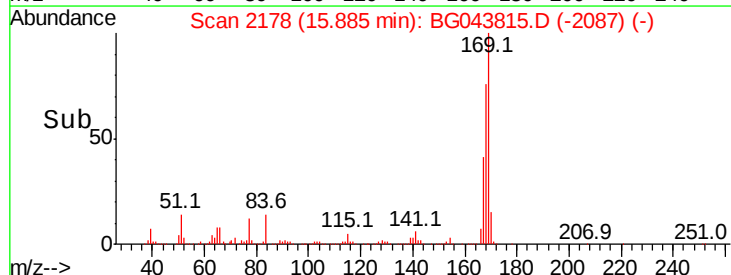
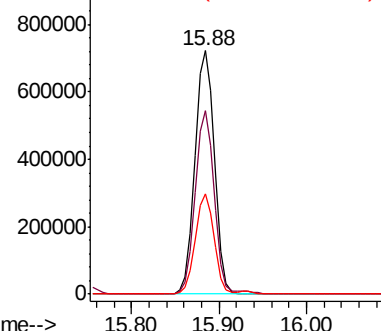
167 41.0 32.1 48.1

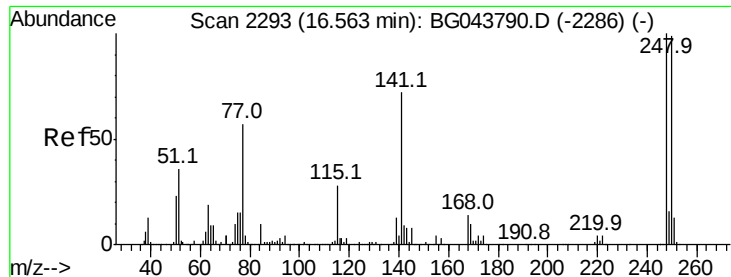


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.339 ng

RT: 16.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

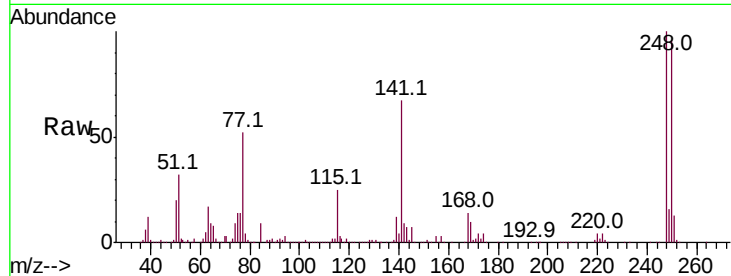
ClientSampleId :

SSTDCCC040

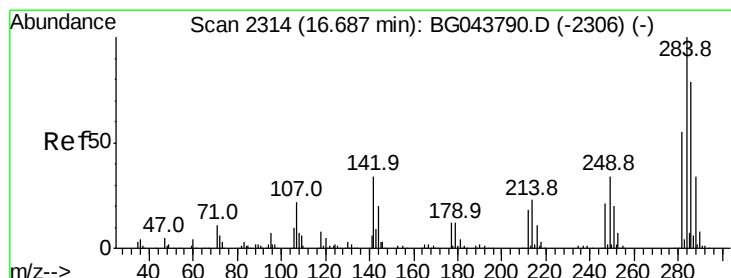
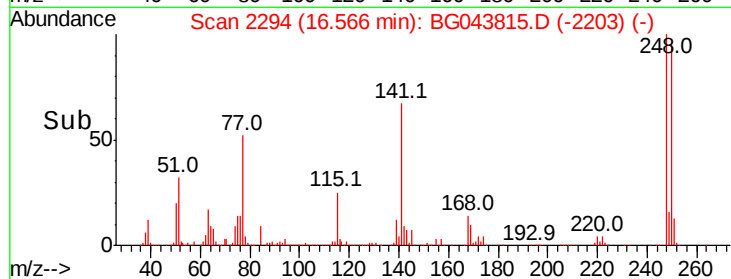
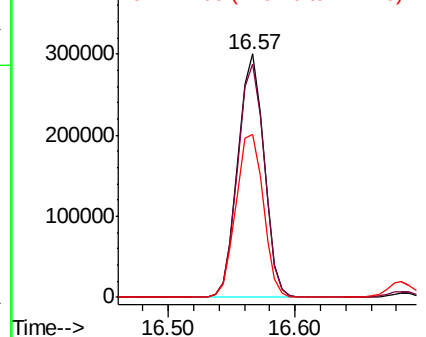
Tot Ion:	248	Resp:	427433
Ion Ratio	Lower	Upper	
248	100		
250	95.8	79.0	118.6
141	66.7	57.8	86.6

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



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: 37.969 ng

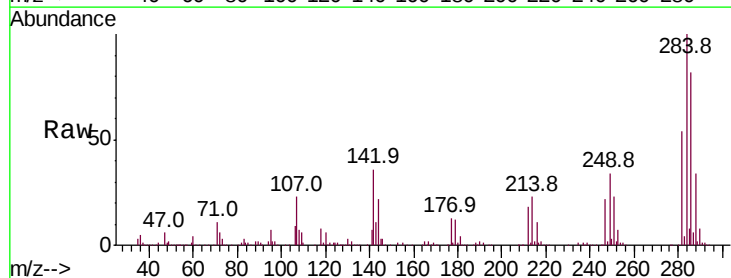
RT: 16.68 min Scan# 2314

Delta R.T. -0.00 min

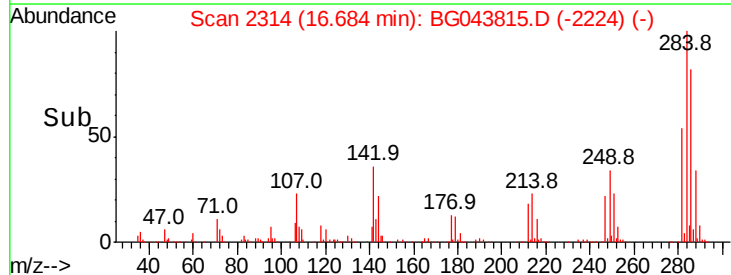
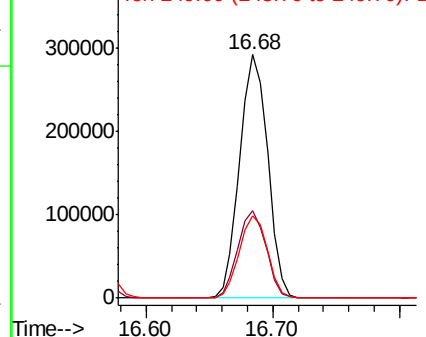
Lab File: BG043815.D

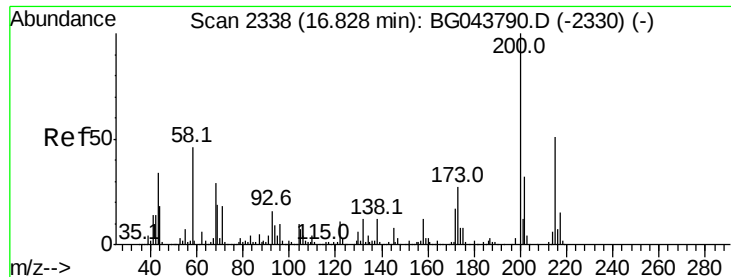
Acq: 17 Dec 2019 11:43

Tgt Ion:	284	Resp:	448965
Ion Ratio	Lower	Upper	
284	100		
142	35.8	27.0	40.6
249	33.8	27.2	40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.251 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

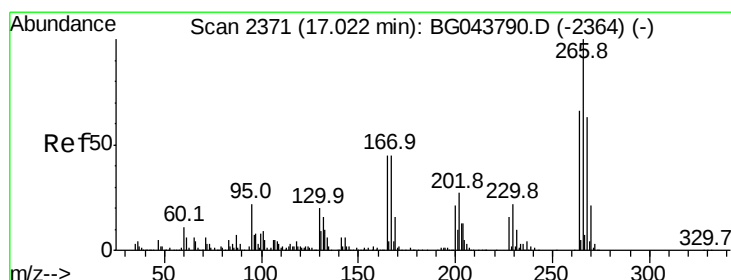
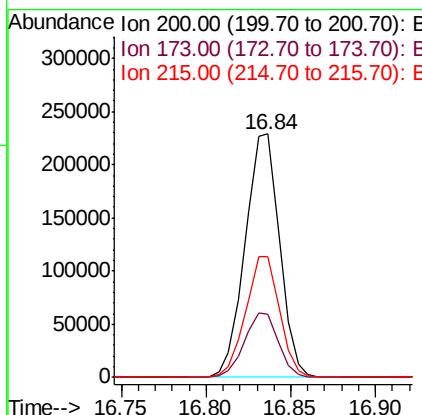
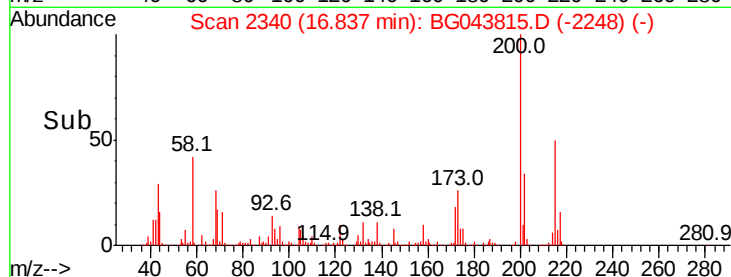
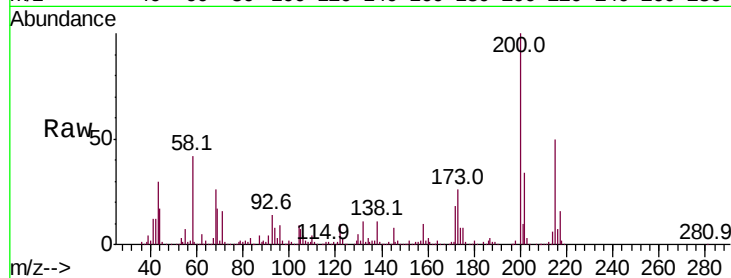
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.4	47.4
215	49.6	30.5	70.5

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#70

Pentachlorophenol

Concen: 42.309 ng

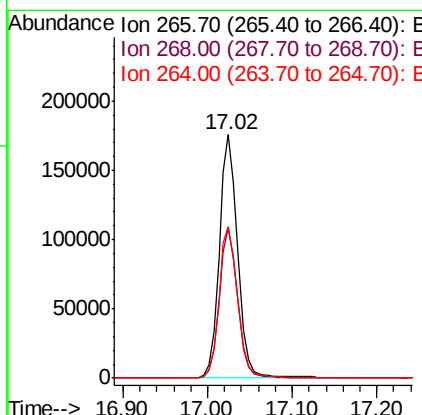
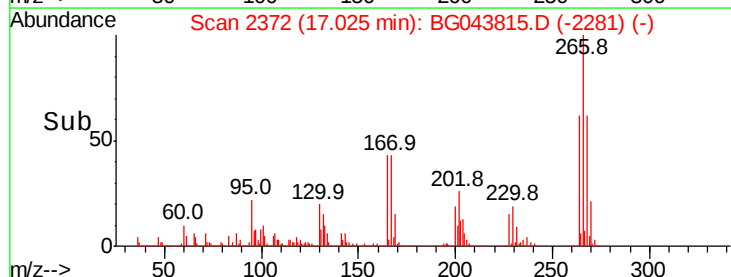
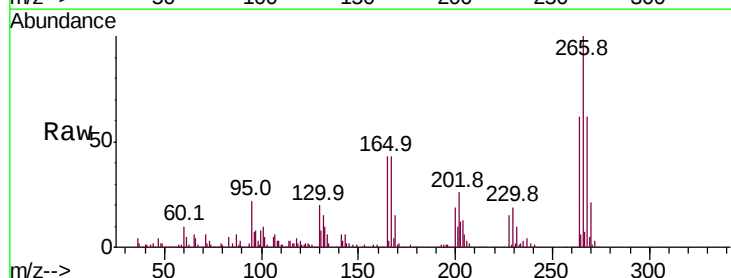
RT: 17.02 min Scan# 2372

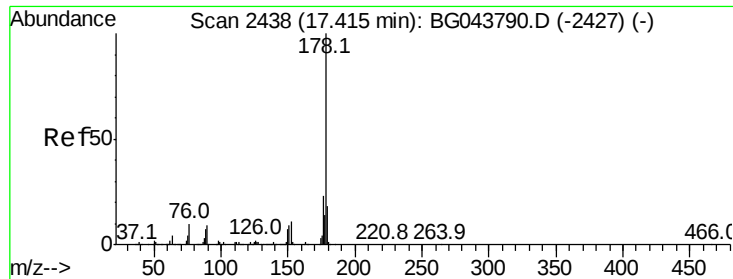
Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	50.8	76.2
264	62.1	53.0	79.4





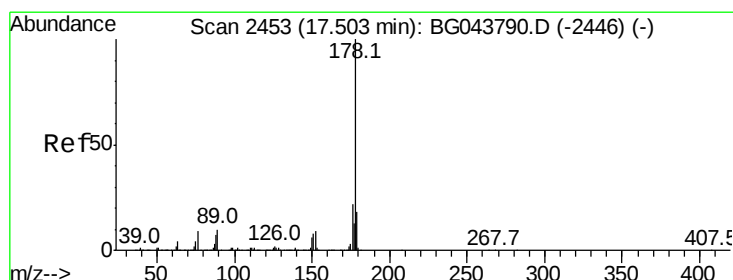
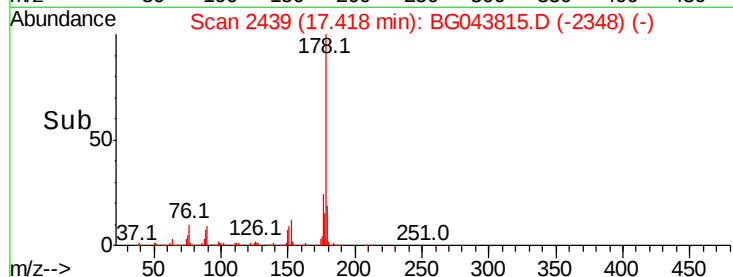
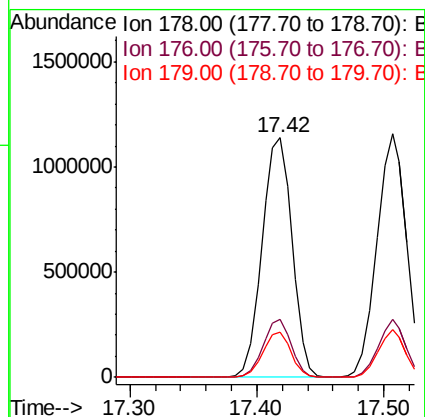
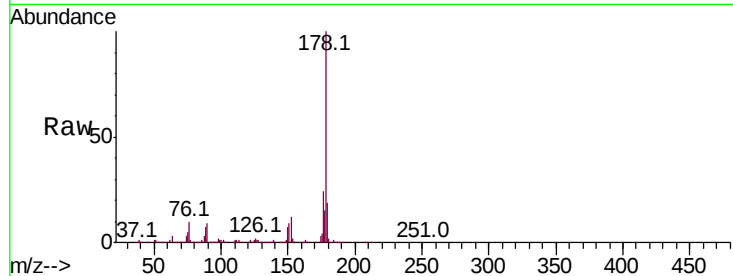
#71
Phenanthrene
Concen: 38.020 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1876927
Ion Ratio Lower Upper
178 100
176 24.0 18.6 27.8
179 19.0 14.7 22.1

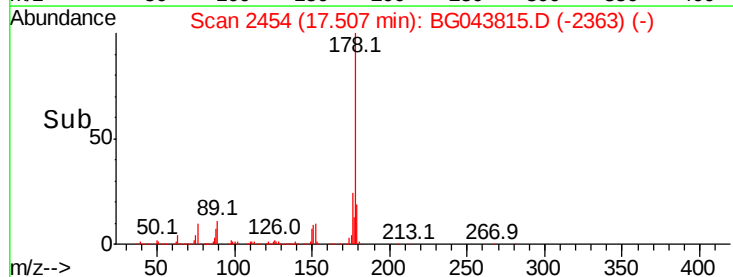
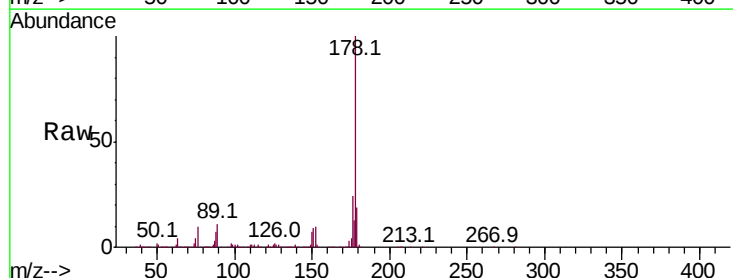
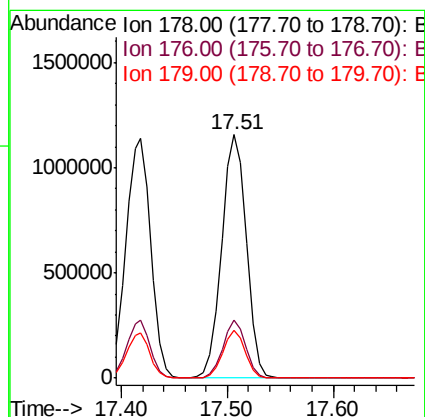
Manual Integrations
APPROVED

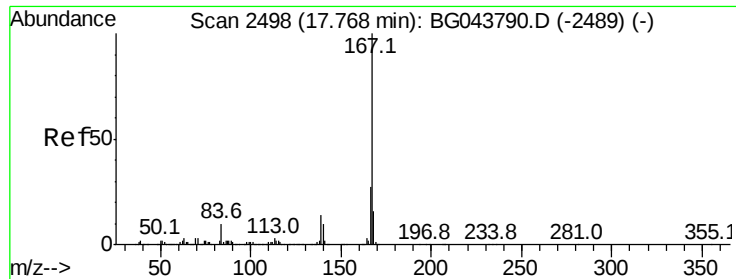
mohammad
12/18/2019 2:40:33 PM



#72
Anthracene
Concen: 38.382 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion:178 Resp: 1875640
Ion Ratio Lower Upper
178 100
176 23.7 17.7 26.5
179 19.4 14.5 21.7





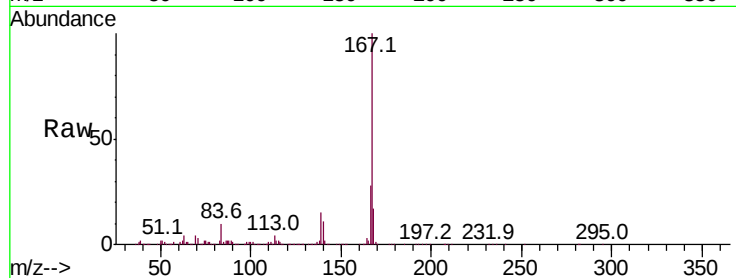
#73
 Carbazole
 Concen: 38.010 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.0	21.4	32.2
139	14.8	11.0	16.4

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:40:33 PM

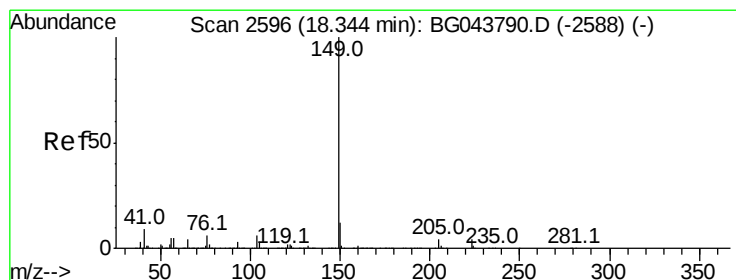
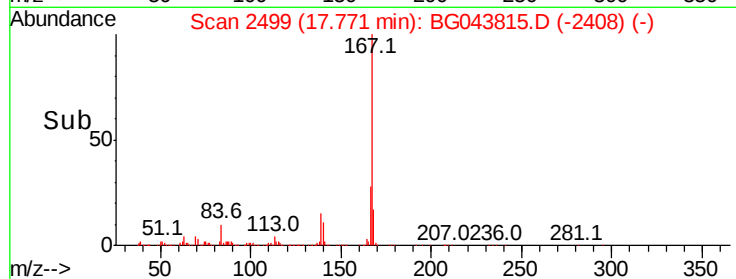
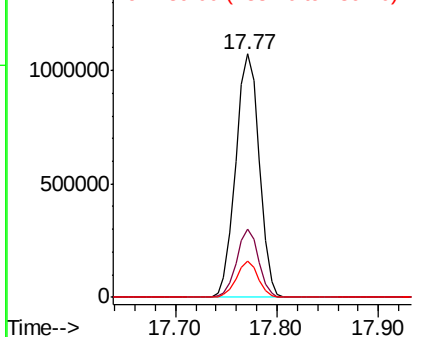


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.114 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

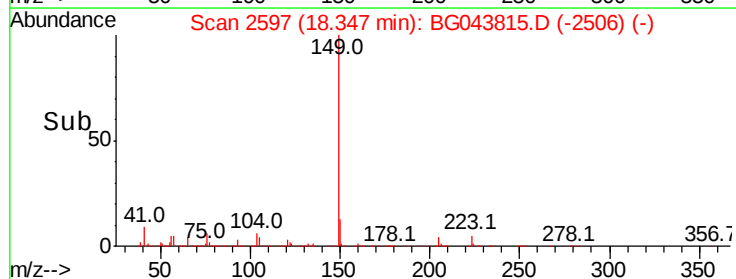
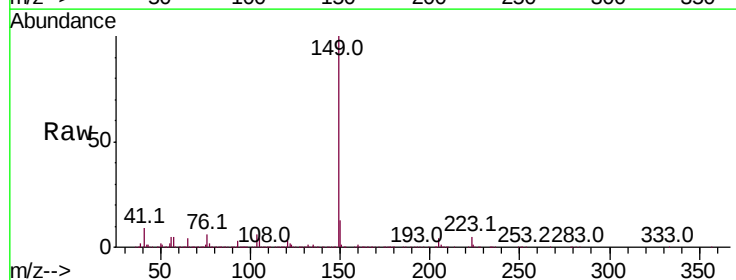
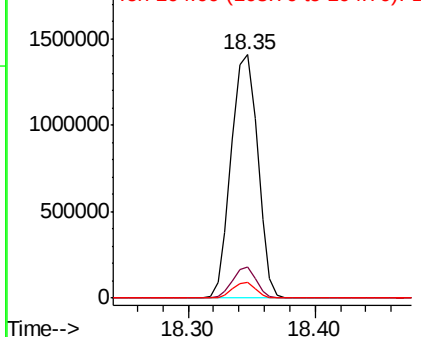
Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.8	9.4	14.0
104	6.4	4.8	7.2

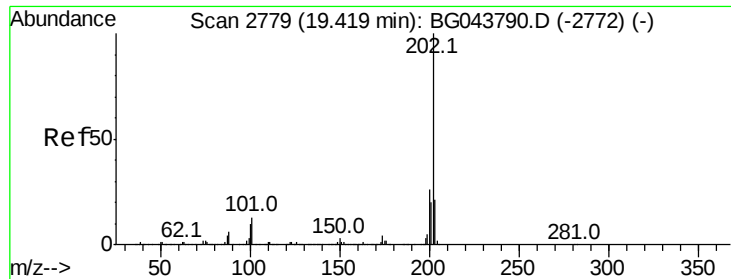
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.242 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2104186

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.7

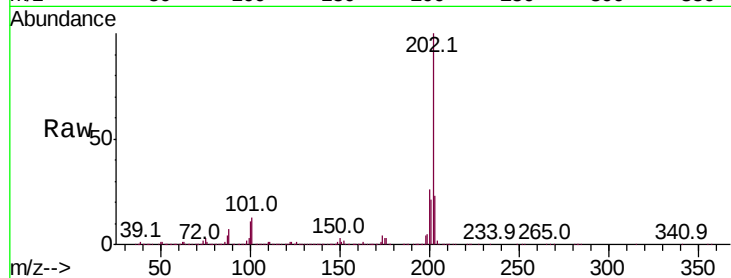
203 22.9 1.0 41.0

Manual Integrations

APPROVED

mohammad

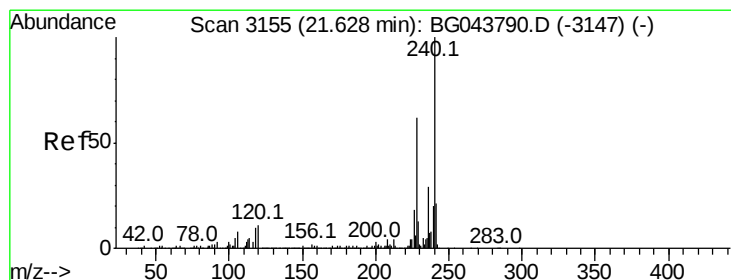
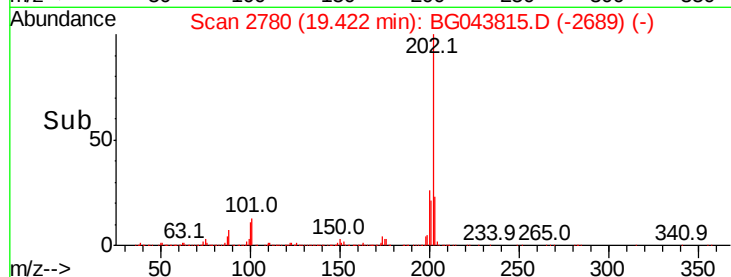
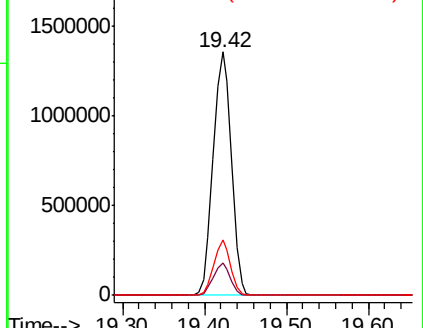
12/18/2019 2:40:33 PM



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: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

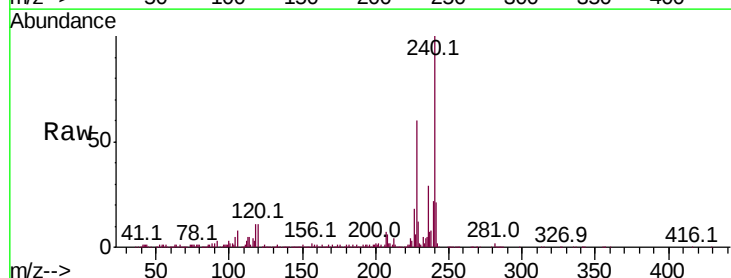
Tgt Ion:240 Resp: 846473

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

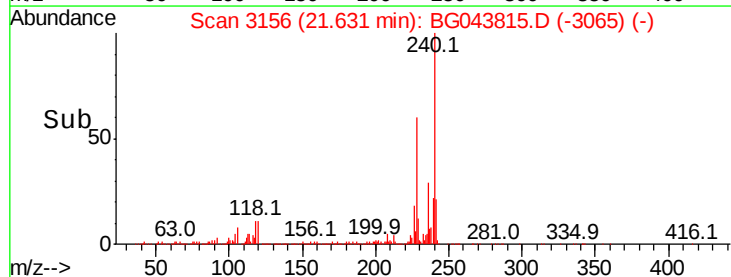
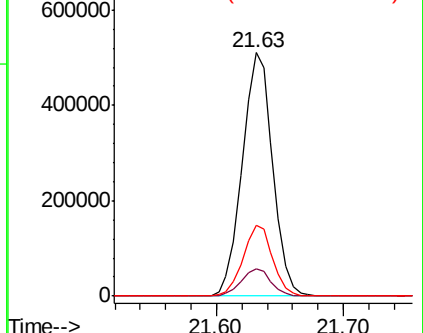
236 29.2 23.1 34.7

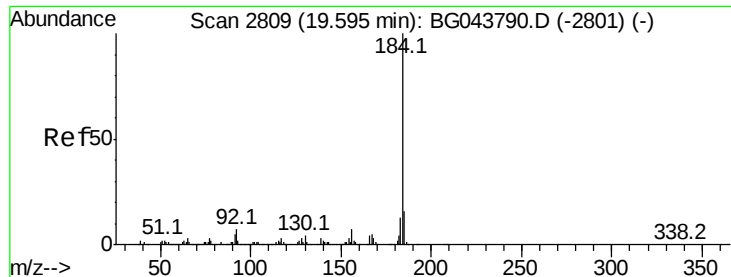


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





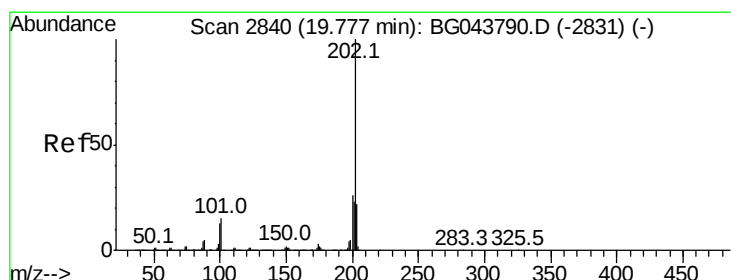
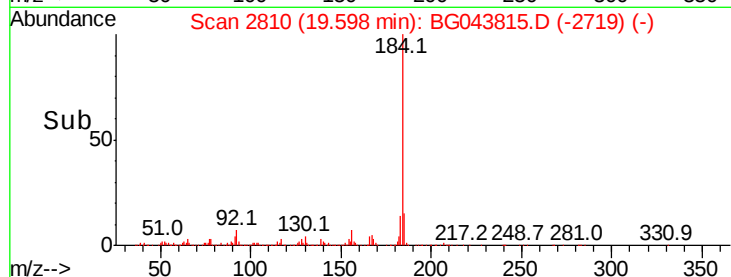
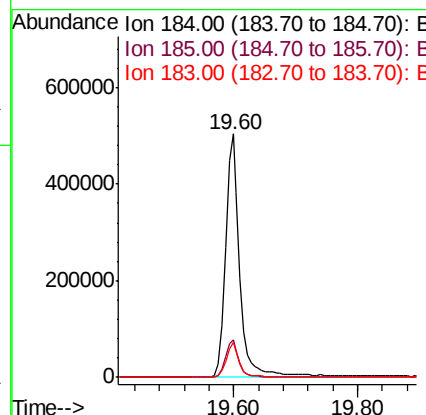
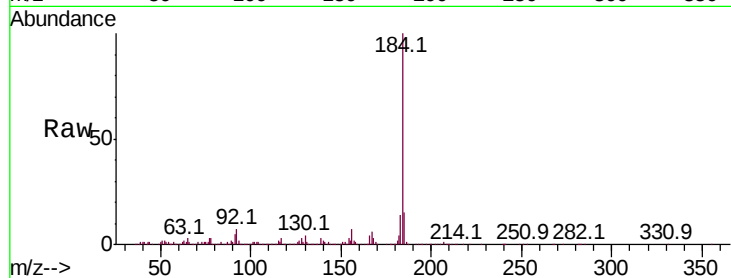
#77
Benzidine
Concen: 44.135 ng
RT: 19.60 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.9	19.3
183	14.4	10.3	15.5

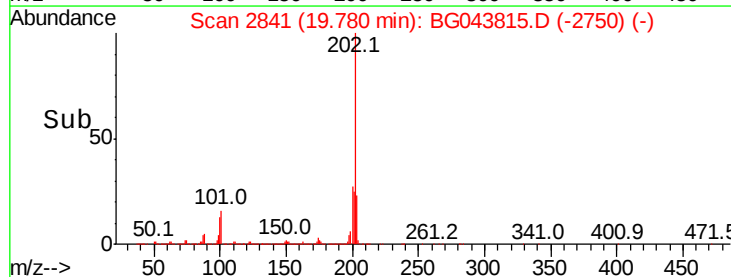
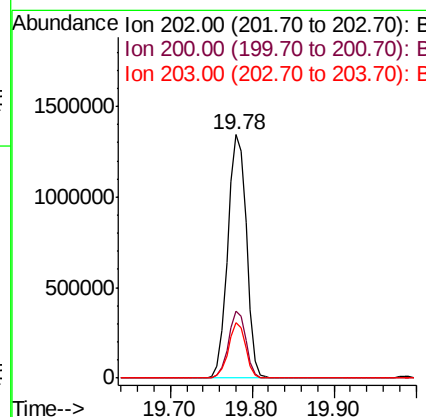
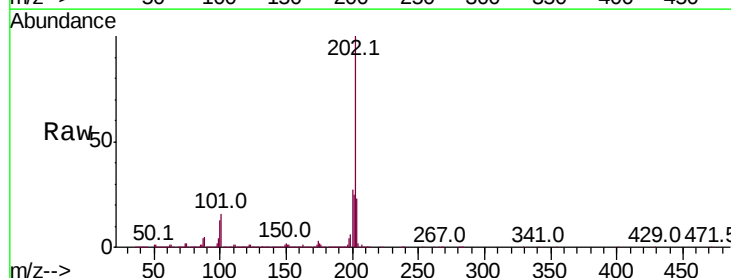
Manual Integrations
APPROVED

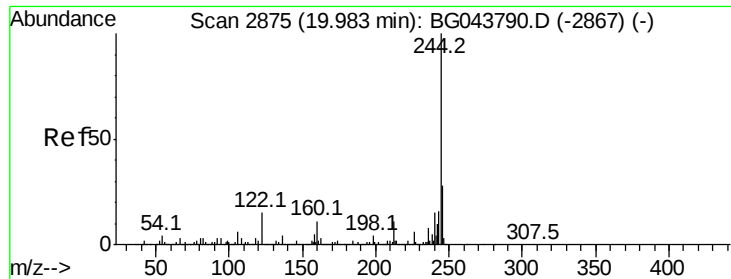
mohammad
12/18/2019 2:40:33 PM



#78
Pyrene
Concen: 38.541 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.4	20.8	31.2
203	22.7	17.7	26.5





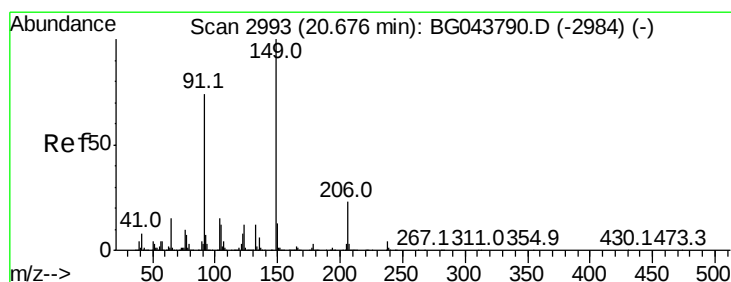
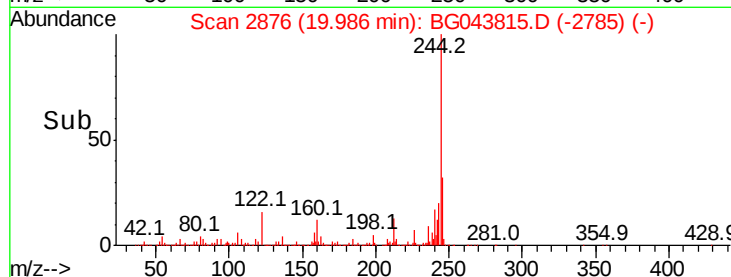
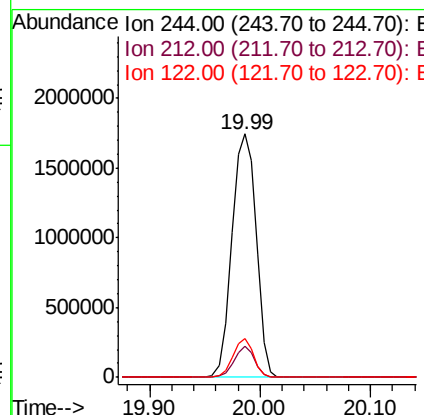
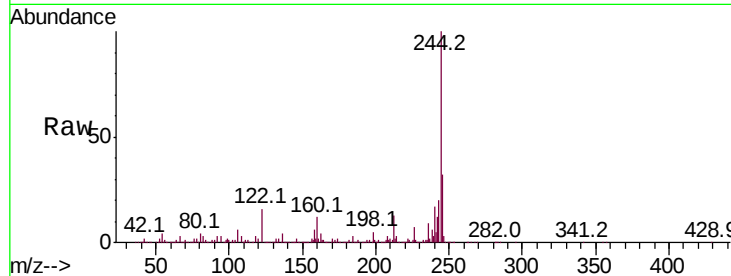
#79
 Terphenyl-d14
 Concen: 76.432 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	12.8	9.1	13.7
122	15.7	11.6	17.4

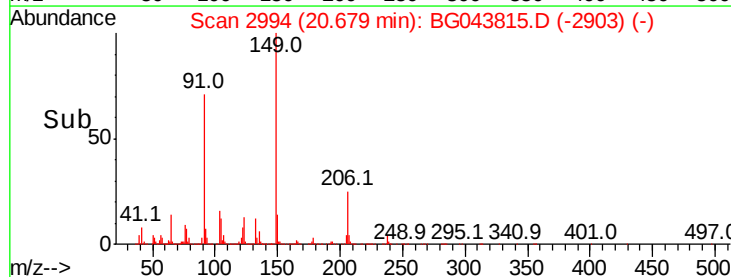
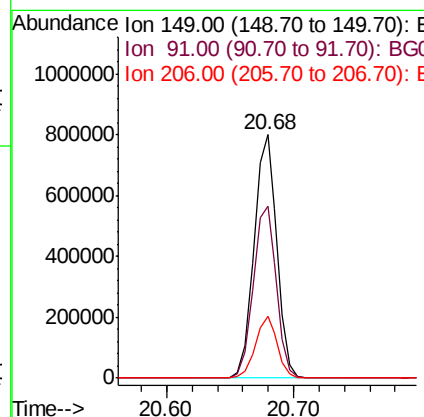
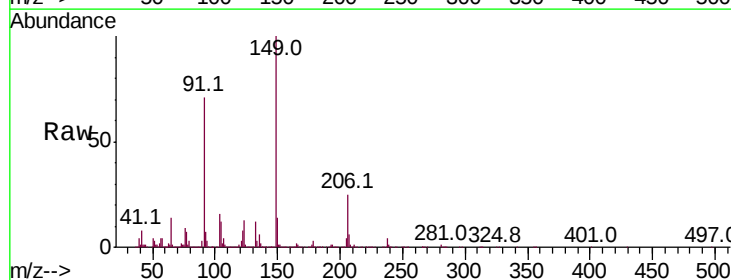
Manual Integrations
 APPROVED

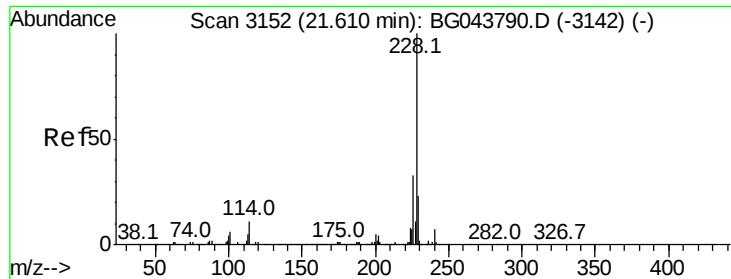
mohammad
 12/18/2019 2:40:33 PM



#80
 Butylbenzylphthalate
 Concen: 43.361 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG043815.D
 Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.0	88.4
206	25.3	18.6	28.0





#81

Benzo(a)anthracene

Concen: 38.633 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2063929

Ion Ratio Lower Upper

228 100

226 34.1 26.1 39.1

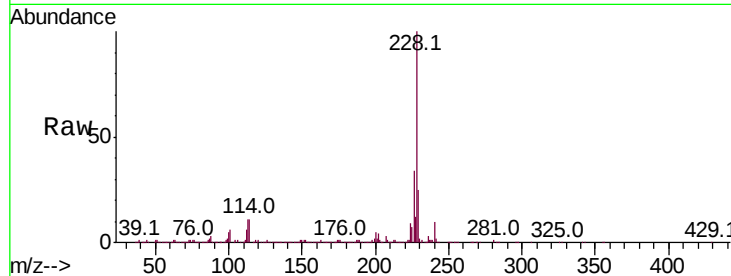
229 24.6 18.6 27.8

Manual Integrations

APPROVED

mohammad

12/18/2019 2:40:33 PM

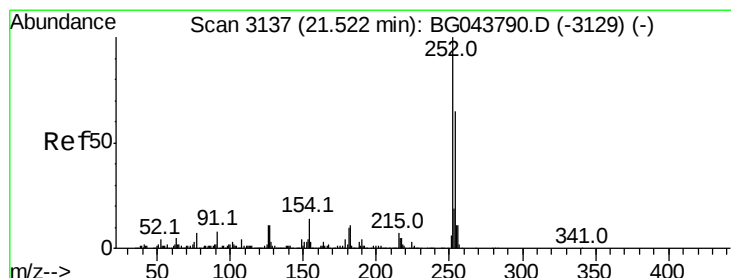
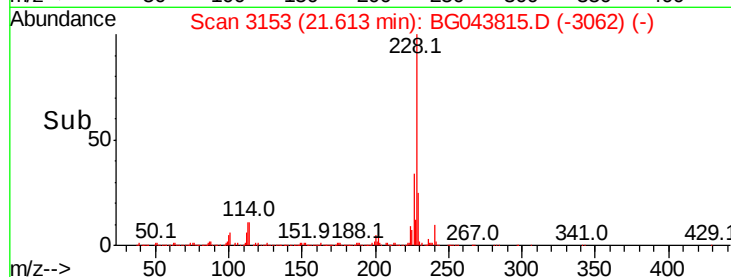
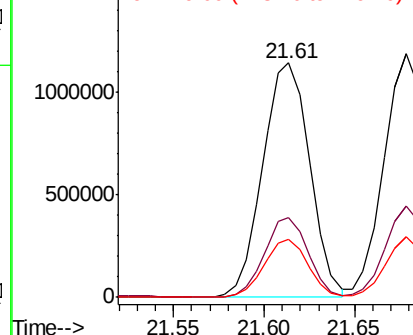


Abundance

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: 39.170 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

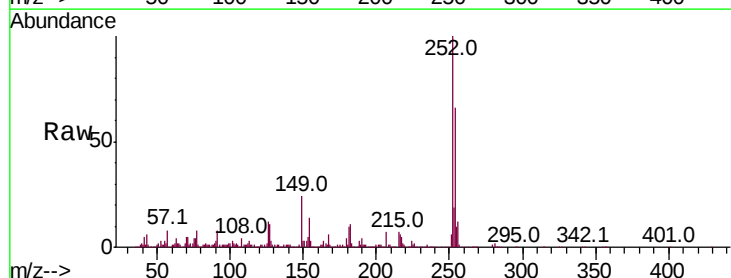
Tgt Ion:252 Resp: 773056

Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

126 11.6 8.7 13.1

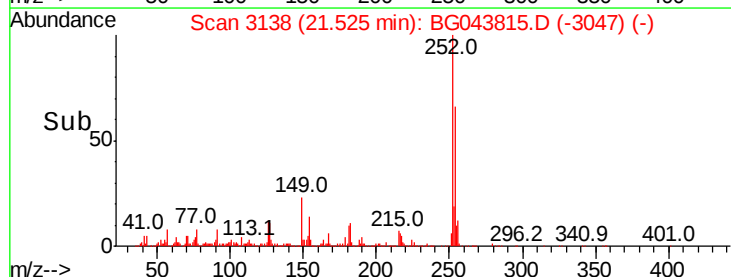
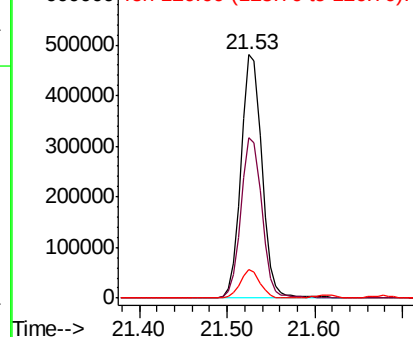


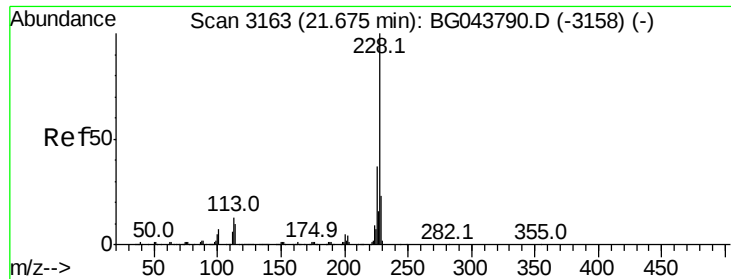
Abundance

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: 38.792 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1974509

Ion Ratio Lower Upper

228 100

226 37.7 29.1 43.7

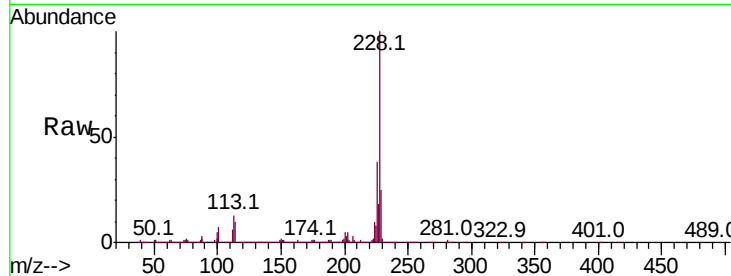
229 24.9 18.6 28.0

Manual Integrations

APPROVED

mohammad

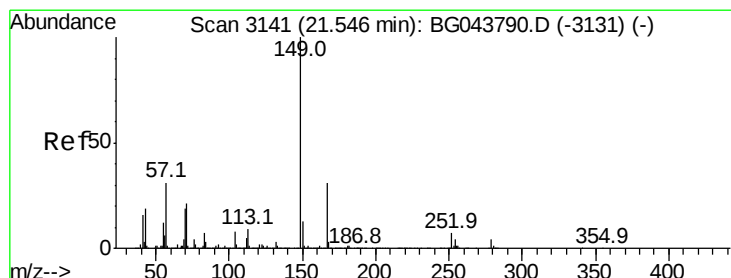
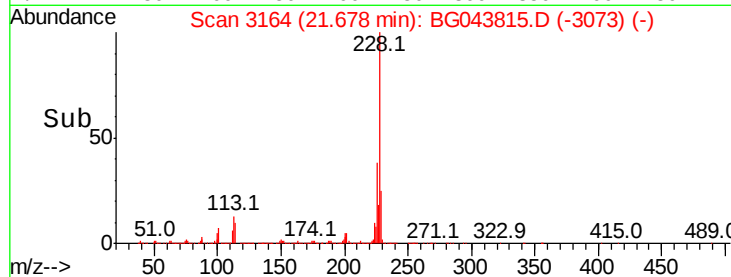
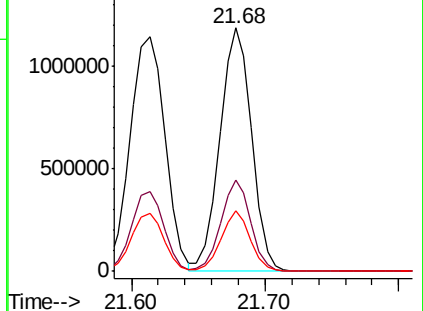
12/18/2019 2:40:33 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.476 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

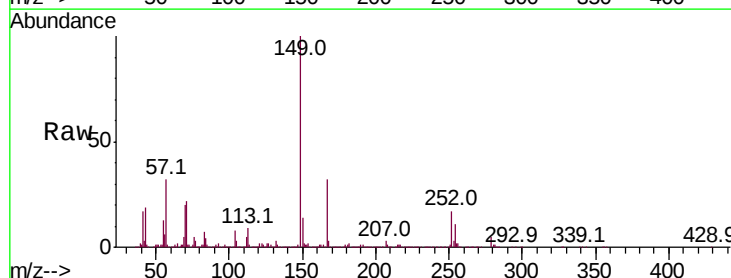
Tgt Ion:149 Resp: 1337579

Ion Ratio Lower Upper

149 100

167 32.2 25.1 37.7

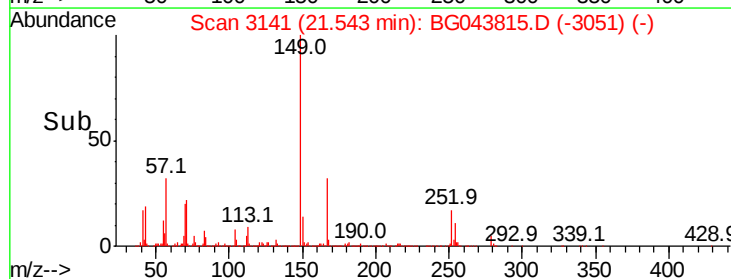
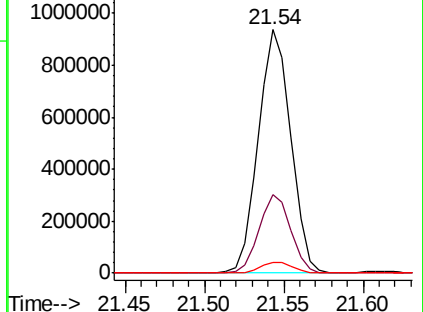
279 4.6 3.5 5.3

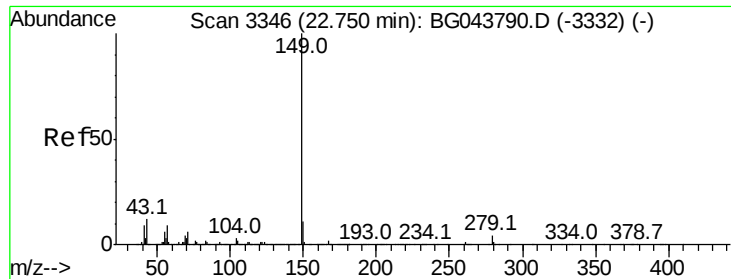


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





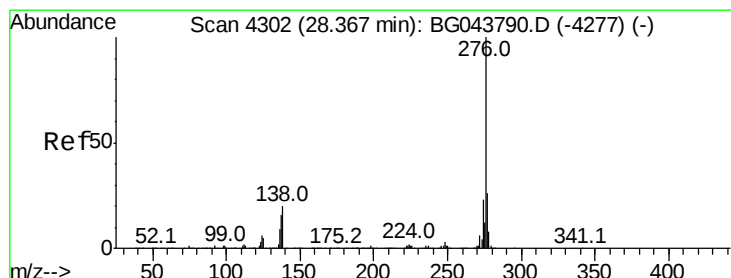
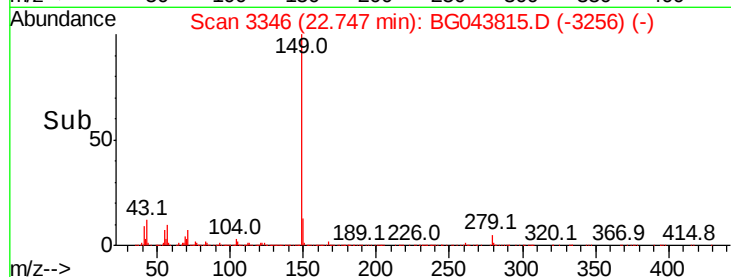
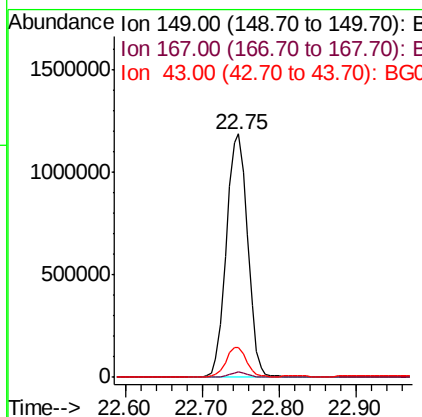
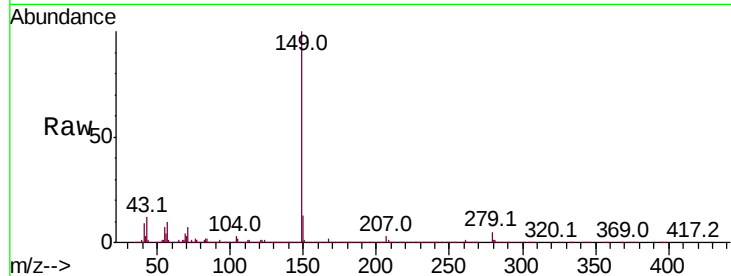
#85
Di-n-octyl phthalate
Concen: 42.494 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.4	8.8	13.2

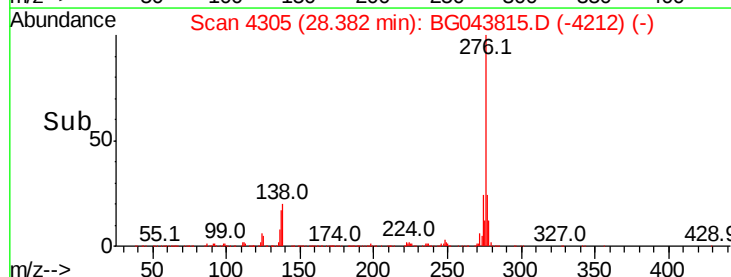
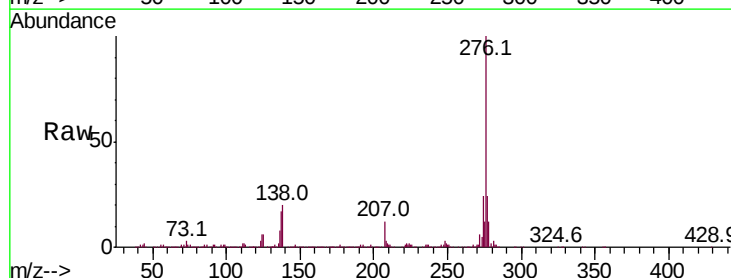
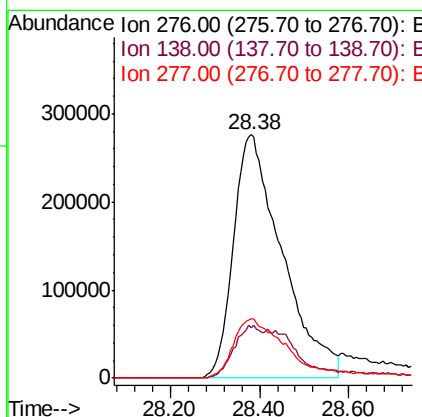
Manual Integrations
APPROVED

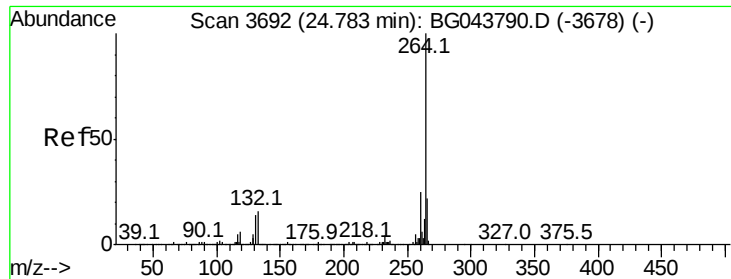
mohammad
12/18/2019 2:40:33 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.134 ng
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	14.6	21.8#
277	26.1	21.2	31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

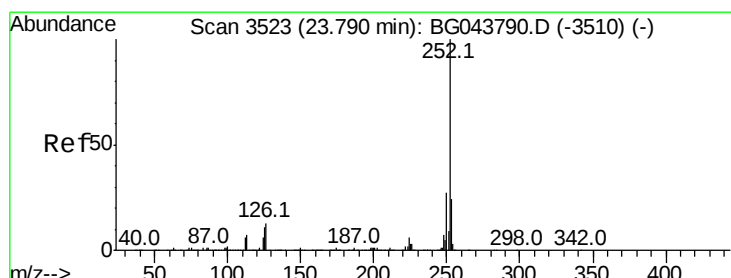
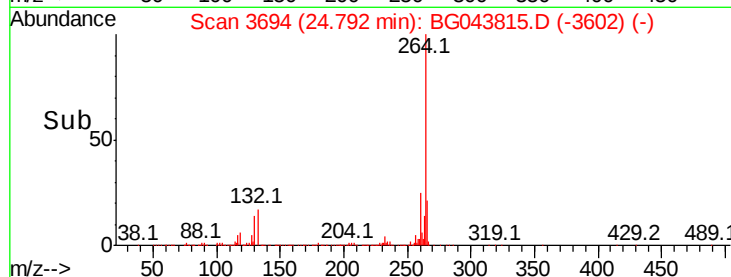
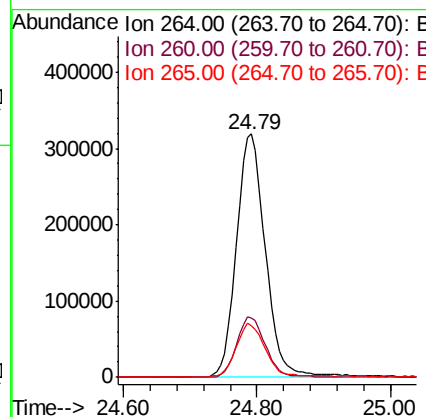
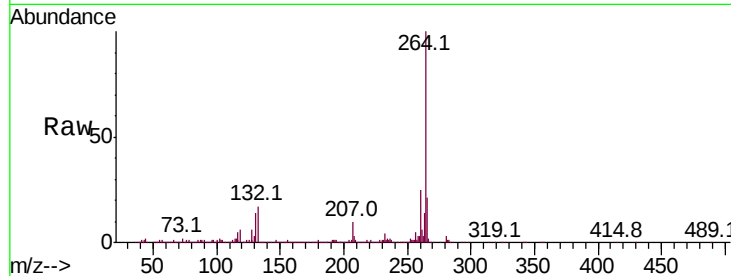
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	962340
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.8
265	21.5	17.9	26.9

Manual Integrations
APPROVED

mohammad
12/18/2019 2:40:33 PM



#88

Benzo(b)fluoranthene

Concen: 37.901 ng

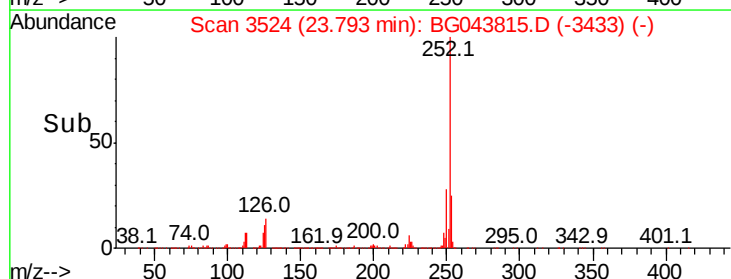
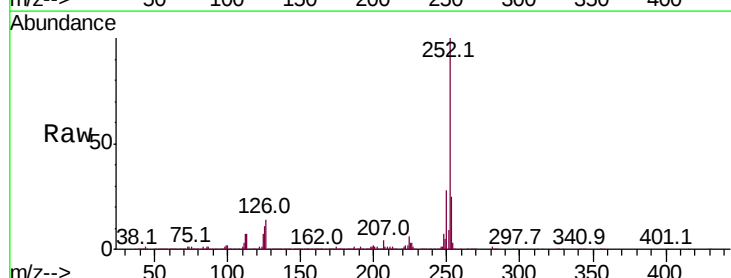
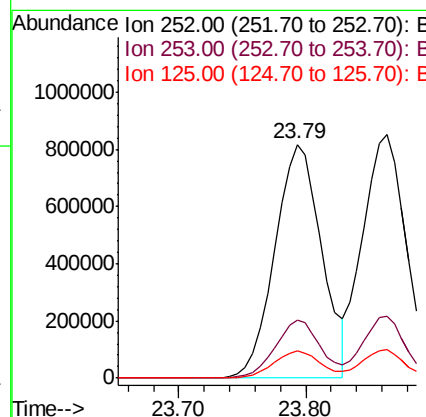
RT: 23.79 min Scan# 3524

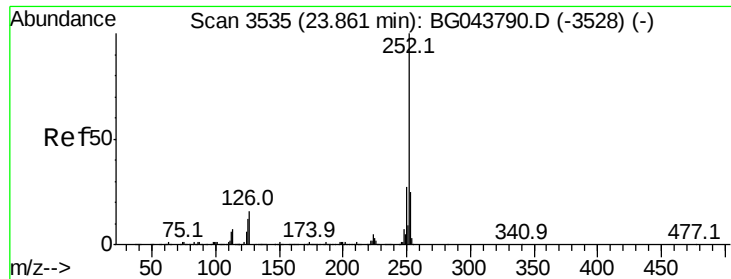
Delta R.T. 0.00 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Tgt Ion:	252	Resp:	2100021
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.5	29.3
125	11.5	9.0	13.4





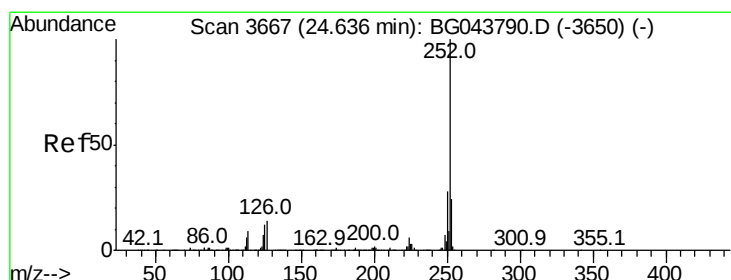
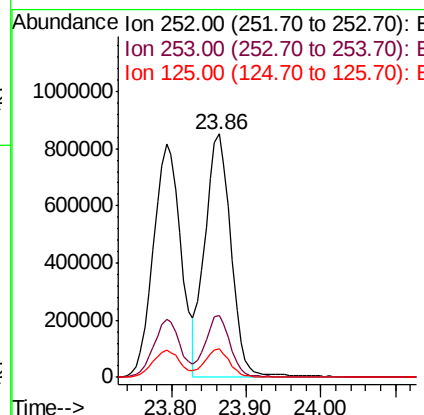
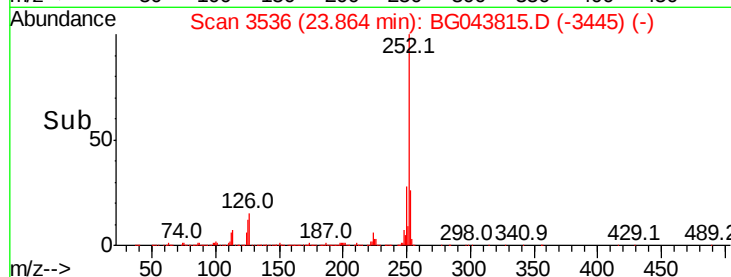
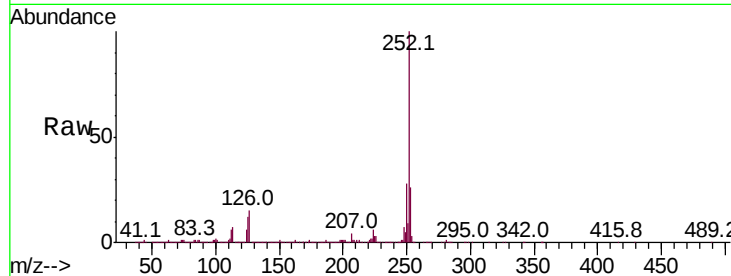
#89
Benzo(k)fluoranthene
Concen: 38.428 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2056803
Ion Ratio Lower Upper
252 100
253 25.7 19.4 29.0
125 11.6 8.9 13.3

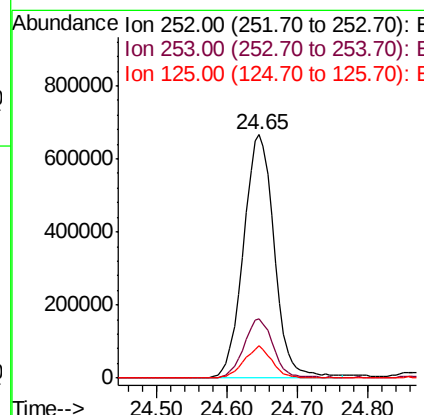
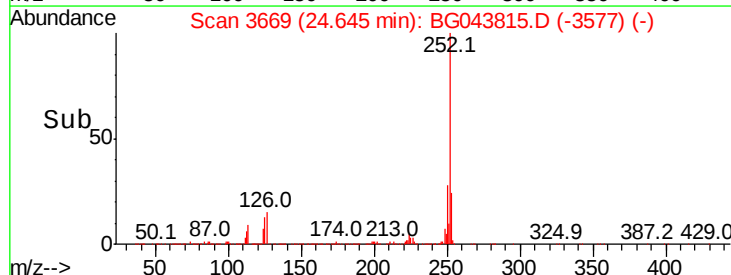
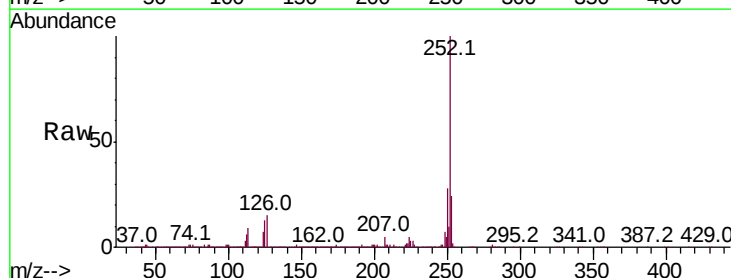
Manual Integrations
APPROVED

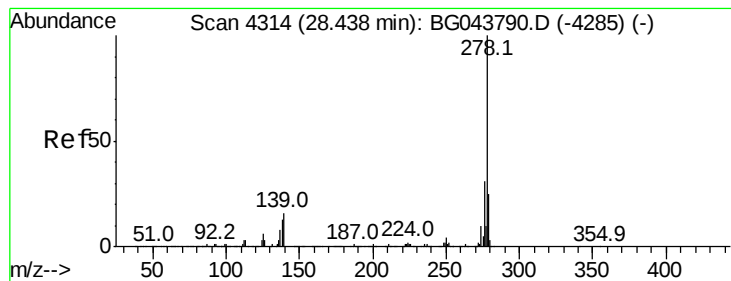
mohammad
12/18/2019 2:40:33 PM



#90
Benzo(a)pyrene
Concen: 38.286 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG043815.D
Acq: 17 Dec 2019 11:43

Tgt Ion:252 Resp: 2021613
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 13.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 34.693 ng

RT: 28.45 min Scan# 4317

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1829760

Ion Ratio Lower Upper

278 100

139 15.8 13.2 19.8

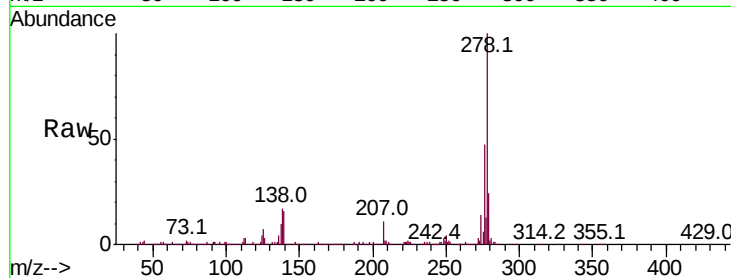
279 23.8 19.8 29.6

Manual Integrations

APPROVED

mohammad

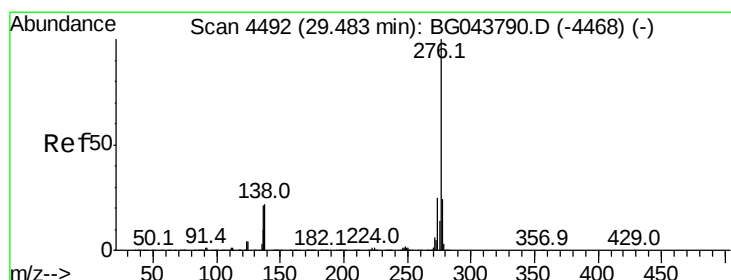
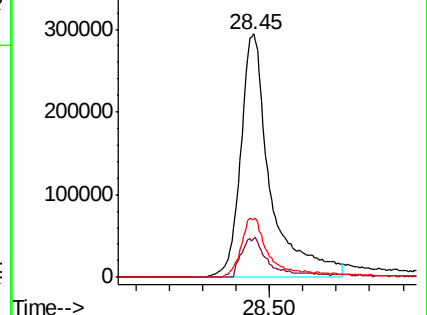
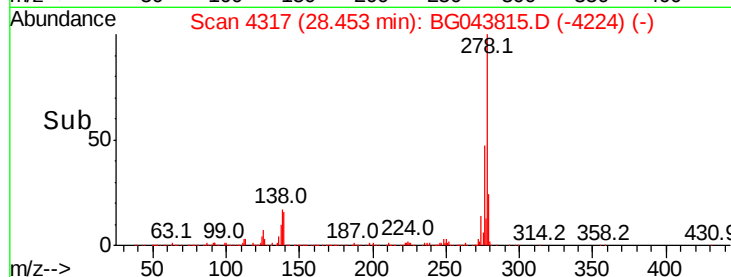
12/18/2019 2:40:33 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.716 ng m

RT: 29.50 min Scan# 4495

Delta R.T. 0.01 min

Lab File: BG043815.D

Acq: 17 Dec 2019 11:43

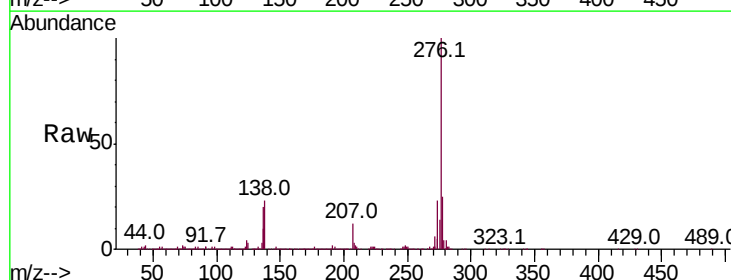
Tgt Ion:276 Resp: 1858897

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 22.7 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

