

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043790.D
 Acq On : 9 Dec 2019 14:08
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:58 AM

Quant Time: Dec 09 15:38:32 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 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	127623	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	566332	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389789	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	852670	20.00	ng	0.00
76) Chrysene-d12	21.63	240	704578	20.00	ng	0.00
87) Perylene-d12	24.78	264	798652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	546873	77.04	ng	0.00
7) Phenol-d6	7.16	99	786884	76.25	ng	0.00
23) Nitrobenzene-d5	9.15	82	782841	76.00	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	289499	61.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1785230	75.29	ng	0.00
79) Terphenyl-d14	19.98	244	2416379	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	122871	39.036	ng	100
3) Pyridine	3.88	79	373143	42.102	ng	100
4) n-Nitrosodimethylamine	3.79	42	165087	37.498	ng	100
6) Aniline	7.32	93	516271	38.390	ng	100
8) 2-Chlorophenol	7.57	128	312098	38.546	ng	100
9) Benzaldehyde	7.13	77	202293	32.818	ng	100
10) Phenol	7.19	94	399821	37.741	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	339091	38.353	ng	100
12) 1,3-Dichlorobenzene	7.90	146	375302	39.376	ng	100
13) 1,4-Dichlorobenzene	8.04	146	371813	38.514	ng	100
14) 1,2-Dichlorobenzene	8.36	146	359598	39.367	ng	100
15) Benzyl Alcohol	8.23	79	310894	36.069	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	544756	35.827	ng	100
17) 2-Methylphenol	8.44	107	285469	37.690	ng	100
18) Hexachloroethane	9.10	117	133292	36.575	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	295481	36.411	ng	100
20) 3+4-Methylphenols	8.77	107	402199	38.063	ng	100
22) Acetophenone	8.82	105	549804	36.628	ng	100
24) Nitrobenzene	9.20	77	394124	37.225	ng	100
25) Isophorone	9.72	82	790293	35.782	ng	100
26) 2-Nitrophenol	9.91	139	131247	34.359	ng	100
27) 2,4-Dimethylphenol	9.97	122	275698	36.757	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	501336	36.829	ng	100
29) 2,4-Dichlorophenol	10.45	162	340694	37.363	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	396202	37.079	ng	100
31) Naphthalene	10.86	128	1057499	37.642	ng	100
32) Benzoic acid	10.10	122	164692	30.448	ng	100
33) 4-Chloroaniline	10.95	127	512376	37.855	ng	100
34) Hexachlorobutadiene	11.16	225	239711	34.116	ng	100
35) Caprolactam	11.72	113	132097	35.627	ng	100
36) 4-Chloro-3-methylphenol	12.07	107	369510	36.059	ng	100
37) 2-Methylnaphthalene	12.46	142	823367	38.891	ng	100
38) 1-Methylnaphthalene	12.68	142	782747	38.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	455355	36.714	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043790.D
 Acq On : 9 Dec 2019 14:08
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

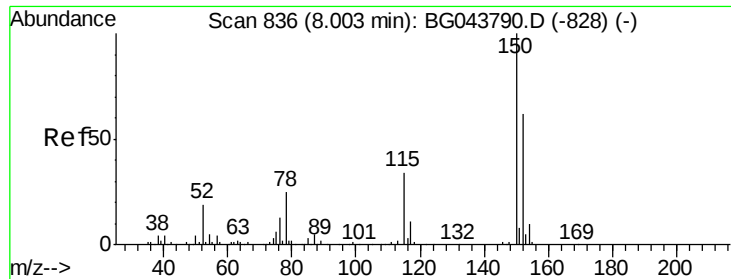
Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:58 AM

Quant Time: Dec 09 15:38:32 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 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	212309	31.683	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	291314	36.520	nq	100
44) 2,4,5-Trichlorophenol	13.13	196	307208	37.019	nq	100
46) 1,1'-Biphenyl	13.47	154	1065050	39.419	nq	100
47) 2-Chloronaphthalene	13.51	162	862859	39.161	nq	100
48) 2-Nitroaniline	13.70	65	253681	39.327	nq	100
49) Acenaphthylene	14.35	152	1306724	37.694	nq	100
50) Dimethylphthalate	14.08	163	1106584	35.838	nq	100
51) 2,6-Dinitrotoluene	14.20	165	234197	40.842	nq	100
52) Acenaphthene	14.69	154	841300	37.949	nq	100
53) 3-Nitroaniline	14.52	138	269511	40.239	nq	100
54) 2,4-Dinitrophenol	14.72	184	69055	29.476	nq	100
55) Dibenzofuran	15.03	168	1267982	36.714	nq	100
56) 4-Nitrophenol	14.82	139	195356	34.628	nq	100
57) 2,4-Dinitrotoluene	14.98	165	315953	39.731	nq	100
58) Fluorene	15.68	166	1010963	35.694	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	276391m	33.160	nq	
60) Diethylphthalate	15.45	149	1095024	33.776	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	557291	35.738	nq	100
62) 4-Nitroaniline	15.68	138	276283	35.974	nq	100
63) Azobenzene	15.96	77	1006877	34.645	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	105722	36.539	nq	100
66) n-Nitrosodiphenylamine	15.88	169	926899	41.057	nq	100
67) 4-Bromophenyl-phenylether	16.56	248	351697	39.113	nq	100
68) Hexachlorobenzene	16.69	284	369799	37.619	nq	100
69) Atrazine	16.83	200	286601	31.677	nq	100
70) Pentachlorophenol	17.02	266	199421	33.246	nq	100
71) Phenanthrene	17.42	178	1599843	37.919	nq	100
72) Anthracene	17.50	178	1595652	37.439	nq	100
73) Carbazole	17.77	167	1476383	34.965	nq	100
74) Di-n-butylphthalate	18.34	149	1728072	31.975	nq	100
75) Fluoranthene	19.42	202	1846951	30.518	nq	100
77) Benzidine	19.60	184	704226	34.216	nq	100
78) Pyrene	19.78	202	1849552	40.674	nq	100
80) Butylbenzylphthalate	20.68	149	769029	37.125	nq	100
81) Benzo(a)anthracene	21.61	228	1773950	37.661	nq	100
82) 3,3'-Dichlorobenzidine	21.52	252	649623	36.777	nq	100
83) Chrysene	21.67	228	1692985	37.984	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1107269	37.990	nq	100
85) Di-n-octyl phthalate	22.75	149	1848556	39.102	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2090257	40.316	nq	100
88) Benzo(b)fluoranthene	23.79	252	1768315	37.084	nq	100
89) Benzo(k)fluoranthene	23.86	252	1779899	38.893	nq	100
90) Benzo(a)pyrene	24.64	252	1709001	38.114	nq	100
91) Dibenzo(a,h)anthracene	28.44	278	1682788	38.692	nq	100
92) Benzo(g,h,i)perylene	29.48	276	1655403	38.596	nq	100

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



#1

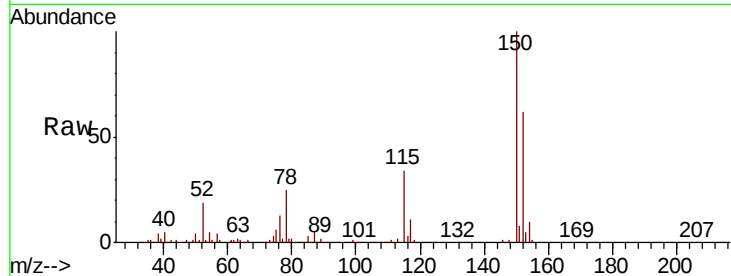
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.6	192.8
115	55.4	44.3	66.5

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

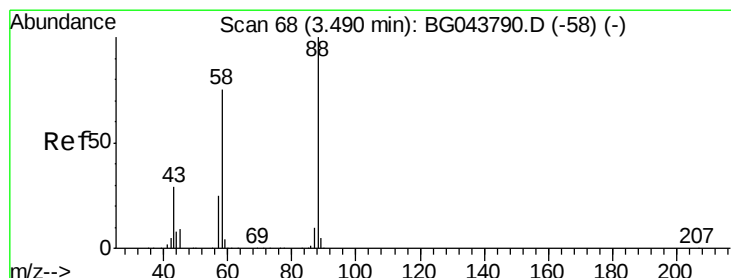
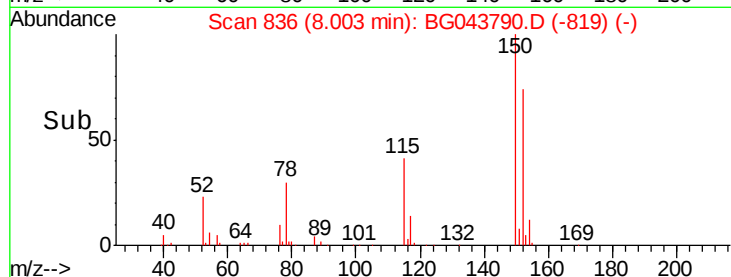
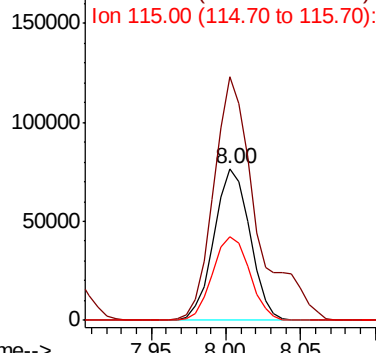


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

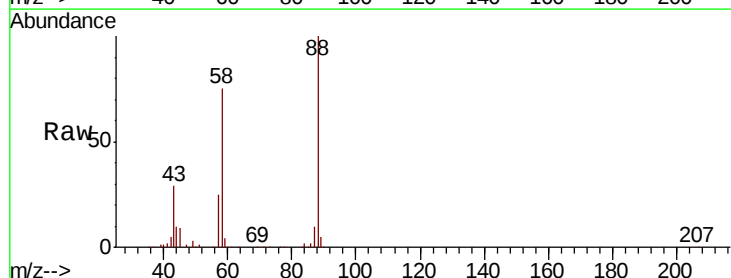
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.036 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.2	93.4
43	30.4	24.3	36.5

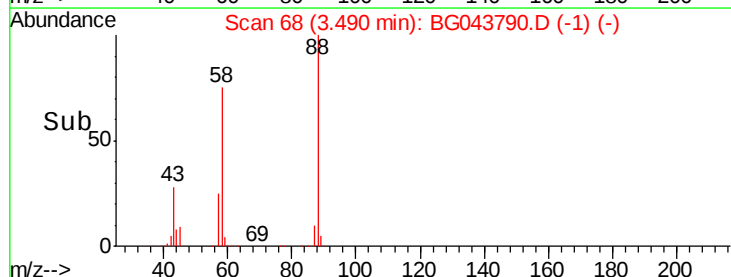
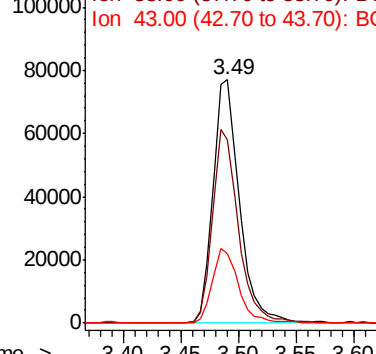


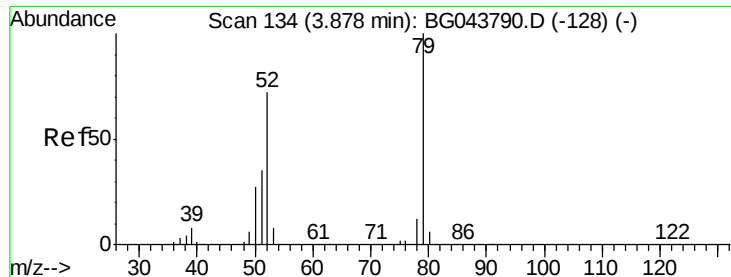
Abundance

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





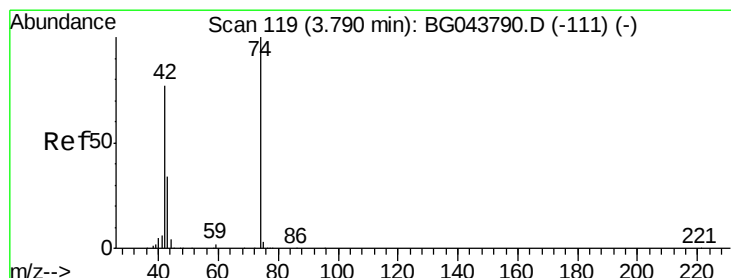
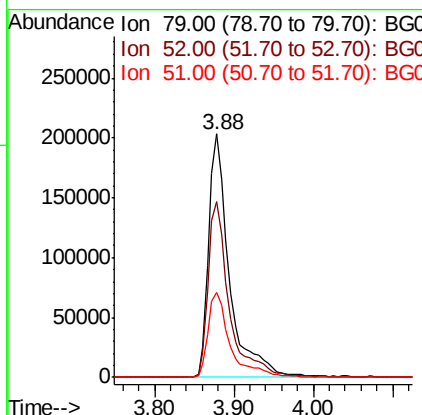
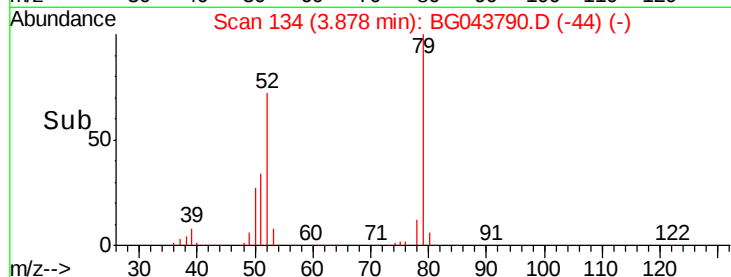
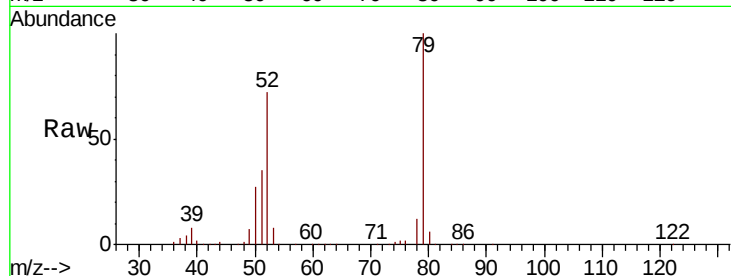
#3
 Pvridine
 Concen: 42.102 ng
 RT: 3.88 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.0	57.6	86.4
51	34.8	27.8	41.8

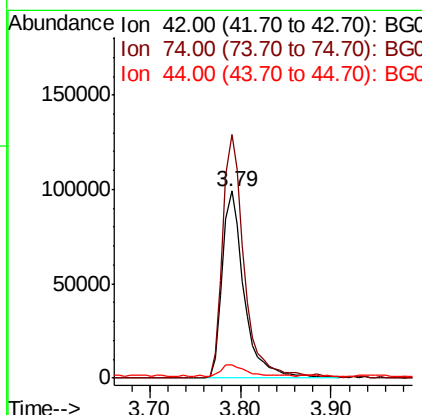
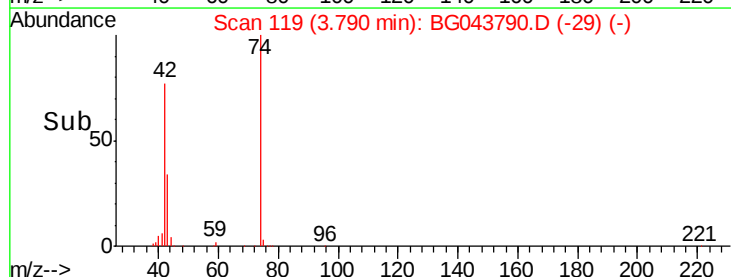
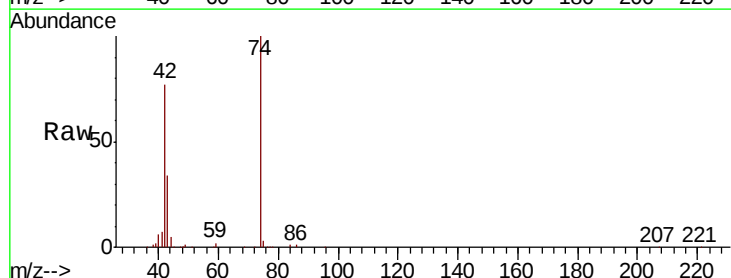
Manual Integrations
 APPROVED

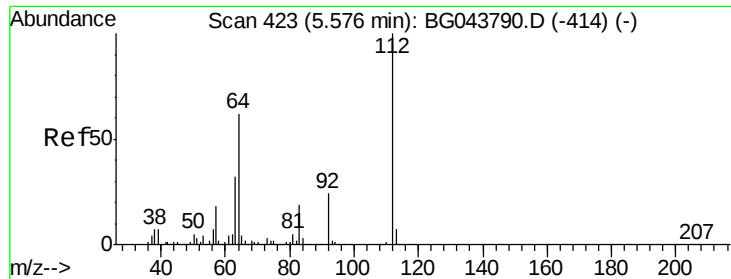
mohammad
 12/10/2019 11:50:58 AM



#4
 n-Nitrosodimethylamine
 Concen: 37.498 ng
 RT: 3.79 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.3	104.2	156.4
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 77.036 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

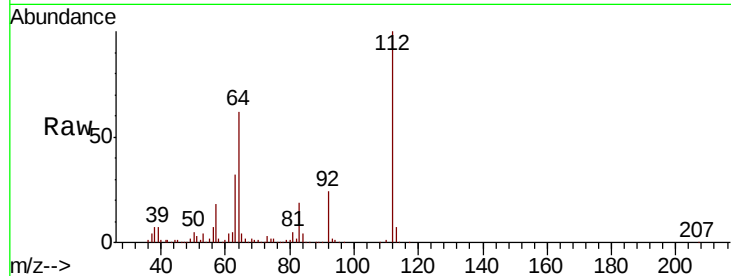
ClientSampleId :

SSTDICCC040

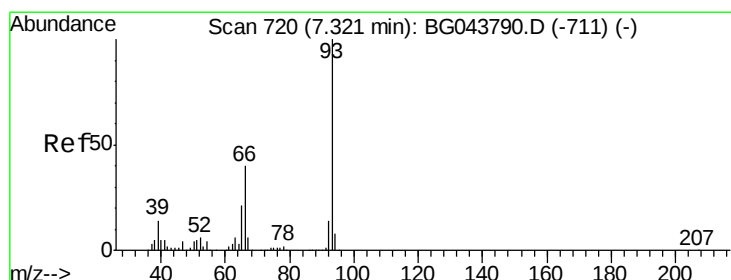
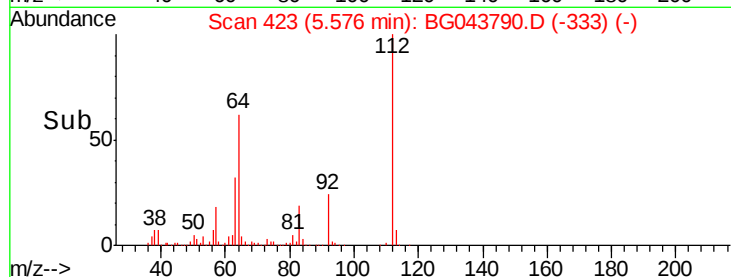
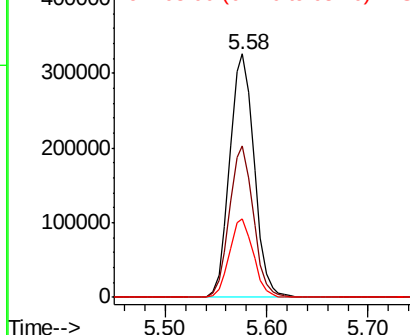
Tot Ion	Ratio	Resp	Lower	Upper
112	100	546873		
64	62.4	49.9	74.9	
63	32.5	26.0	39.0	

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



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



#6

Aniline

Concen: 38.390 ng

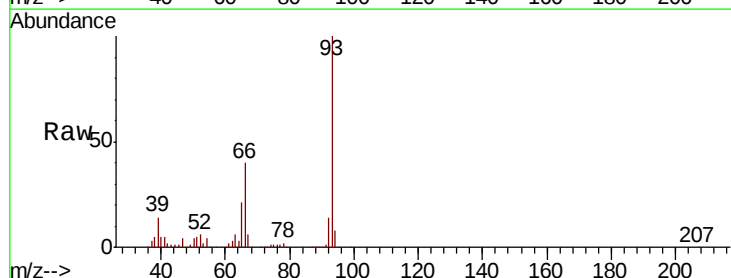
RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

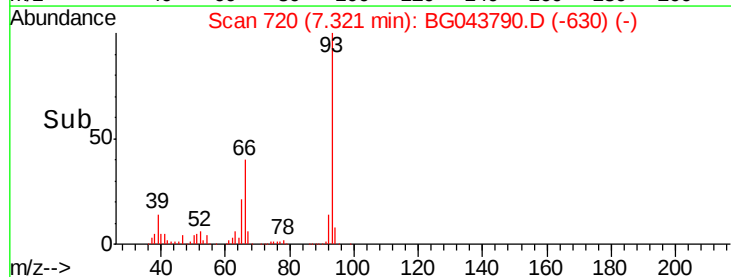
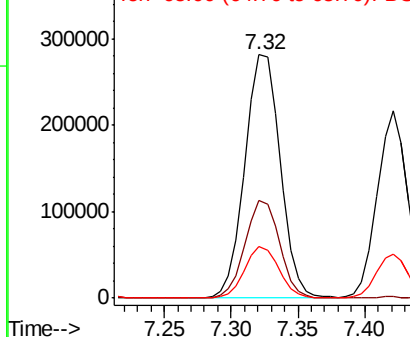
Lab File: BG043790.D

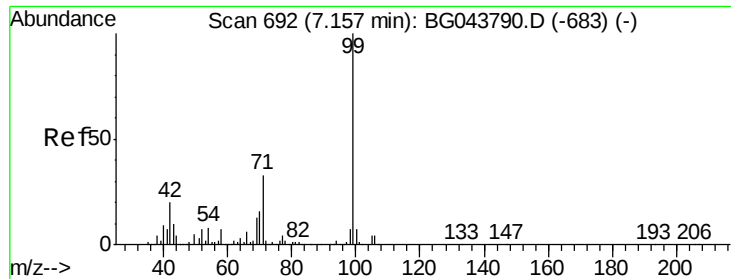
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	516271		
66	39.9	31.9	47.9	
65	21.0	16.8	25.2	



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





#7

Phenol-d6

Concen: 76.252 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

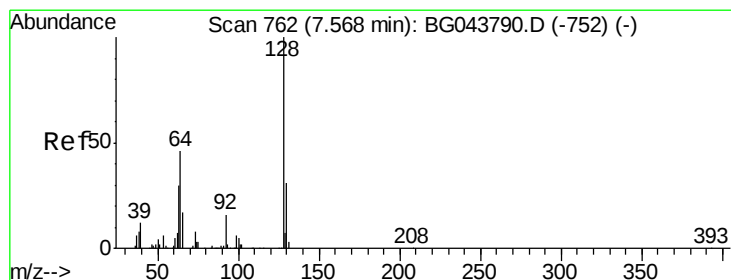
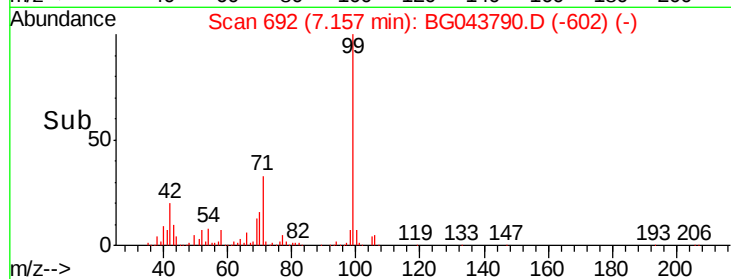
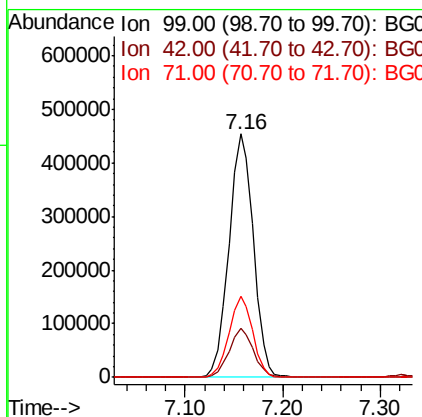
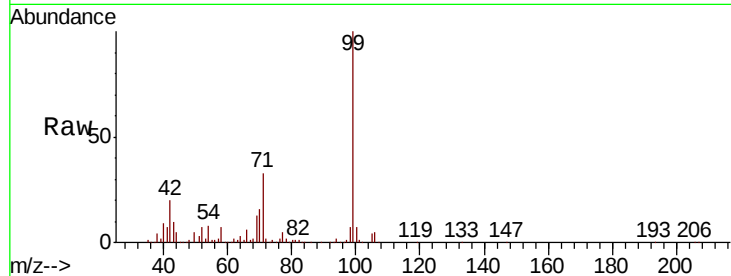
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	786884
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.2	24.2
71	33.3	26.6	40.0

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#8

2-Chlorophenol

Concen: 38.546 ng

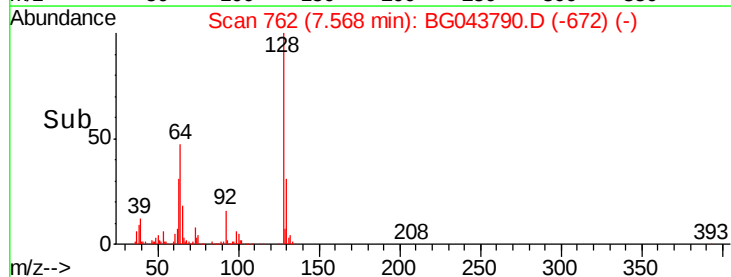
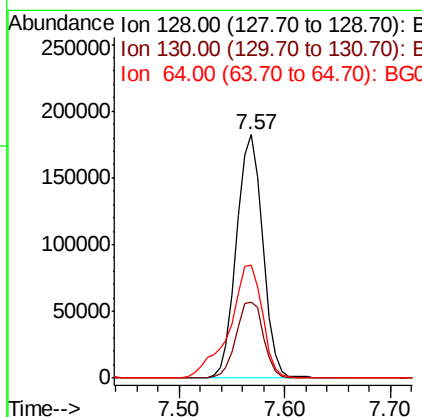
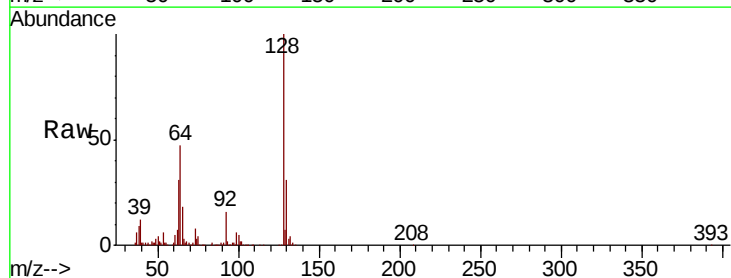
RT: 7.57 min Scan# 762

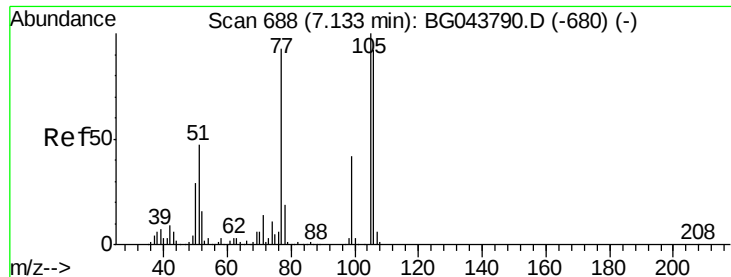
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	128	Resp:	312098
Ion Ratio	Lower	Upper	
128	100		
130	31.1	11.1	51.1
64	46.5	26.5	66.5





#9

Benzaldehyde

Concen: 32.818 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

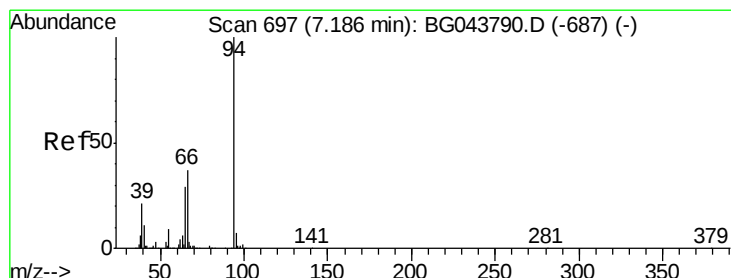
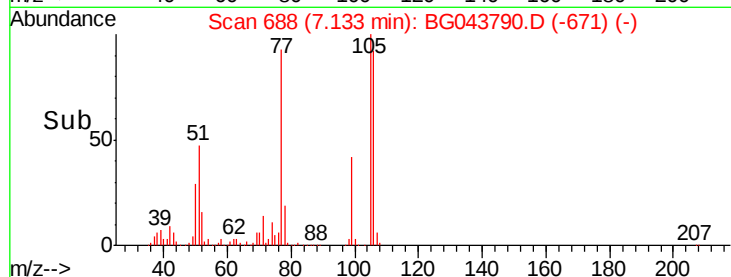
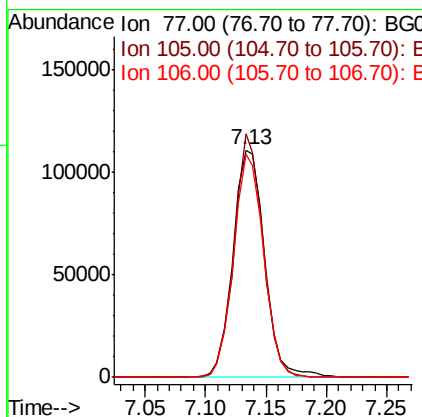
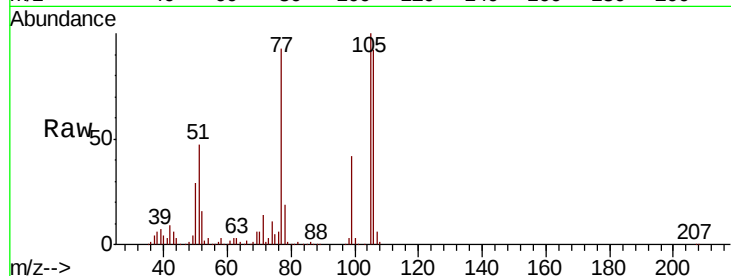
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.1	87.1	127.1		
106	98.2	78.2	118.2		

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#10

Phenol

Concen: 37.741 ng

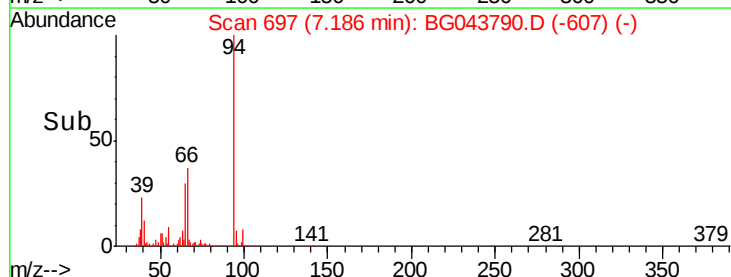
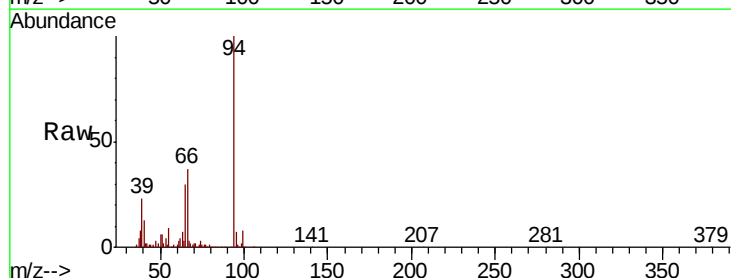
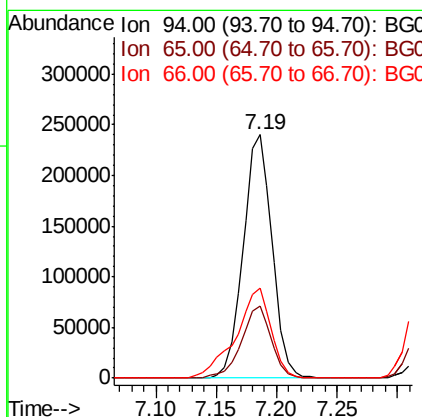
RT: 7.19 min Scan# 697

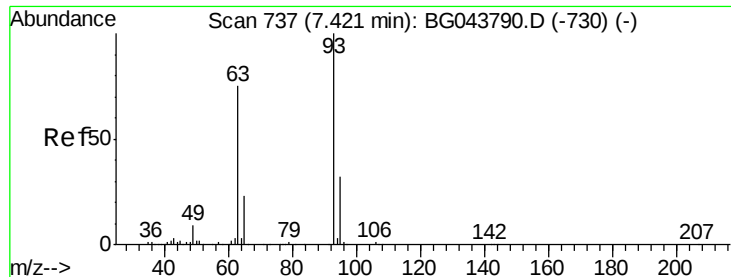
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.5	9.5	49.5		
66	36.8	16.8	56.8		





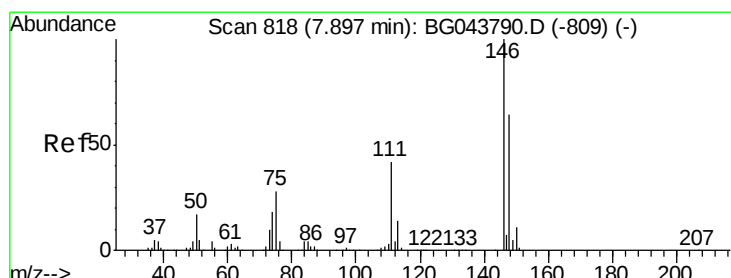
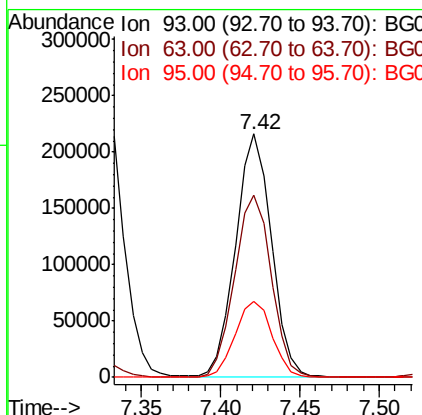
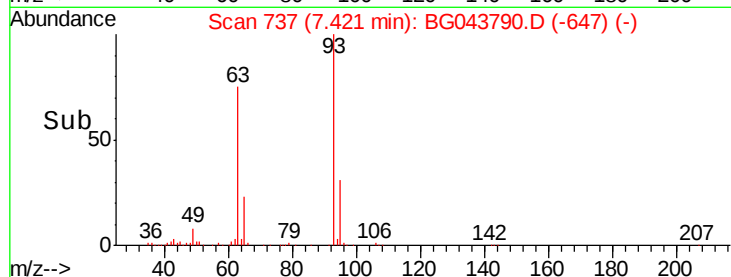
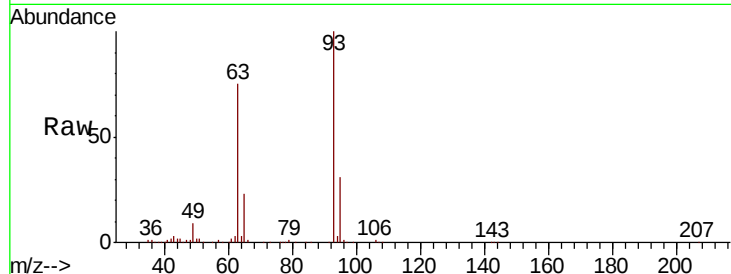
#11
bis(2-Chloroethyl)ether
Concen: 38.353 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:	93	Resp:	339091
Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.7	94.7
95	31.3	11.3	51.3

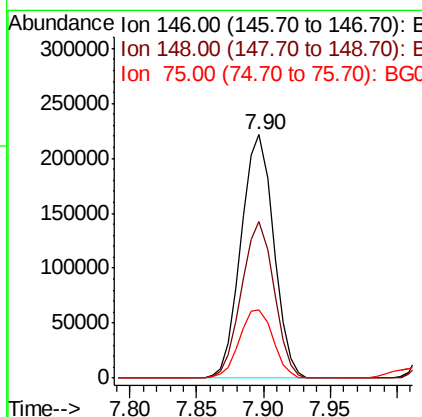
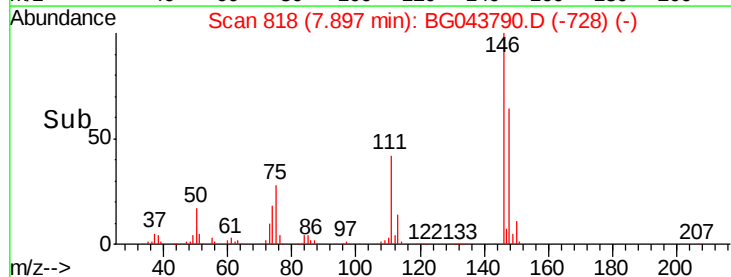
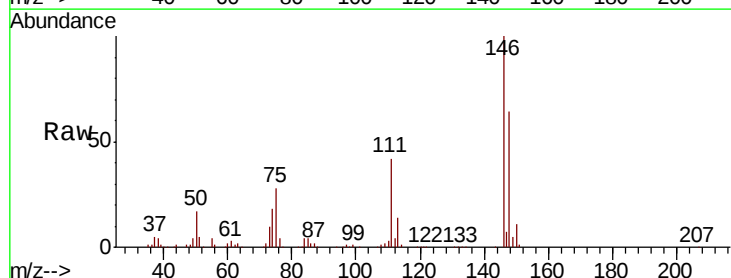
Manual Integrations
APPROVED

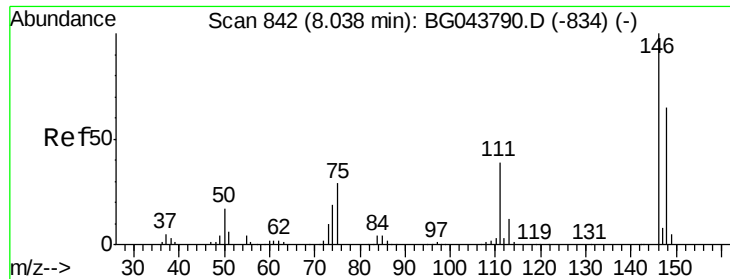
mohammad
12/10/2019 11:50:58 AM



#12
1,3-Dichlorobenzene
Concen: 39.376 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:	146	Resp:	375302
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	28.0	22.4	33.6





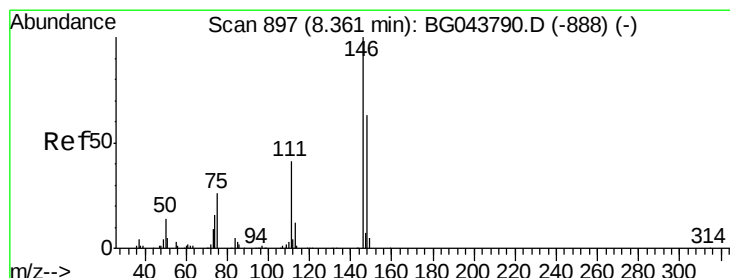
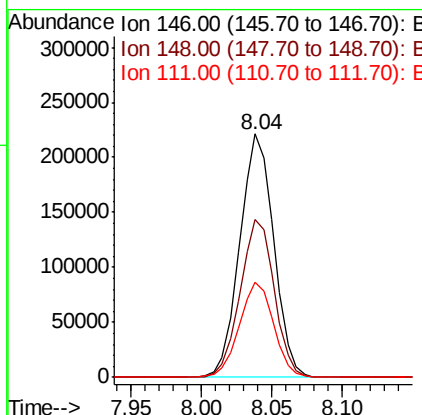
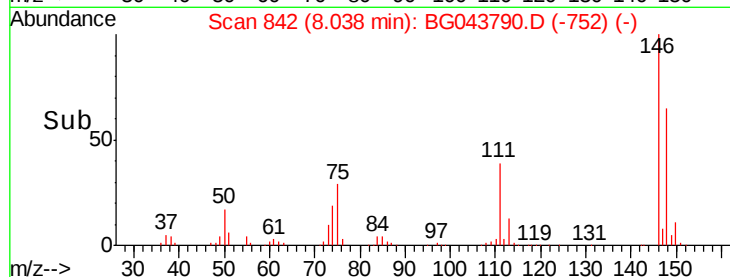
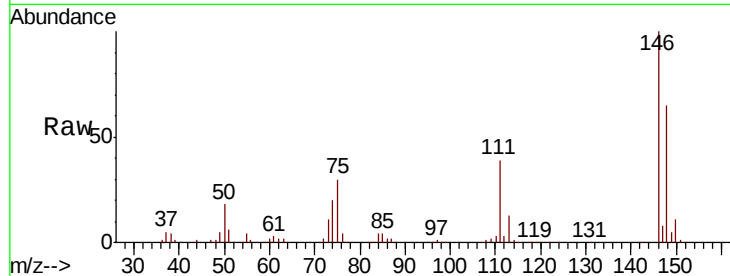
#13
 1,4-Dichlorobenzene
 Concen: 38.514 ng
 RT: 8.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	39.3	31.4	47.2

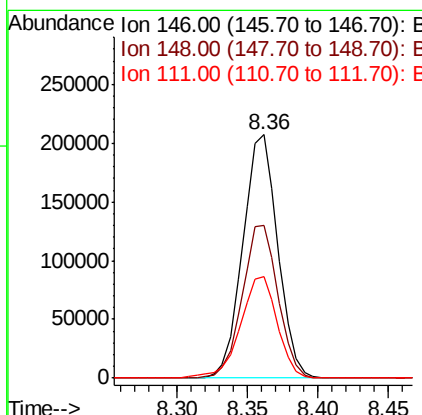
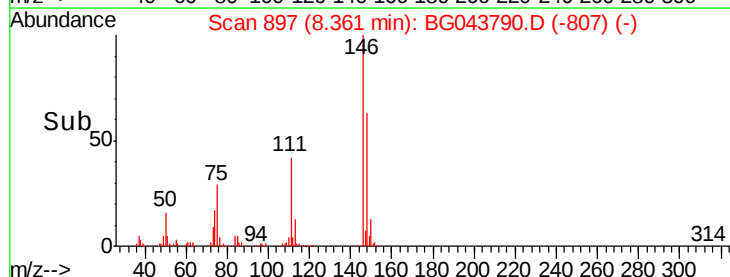
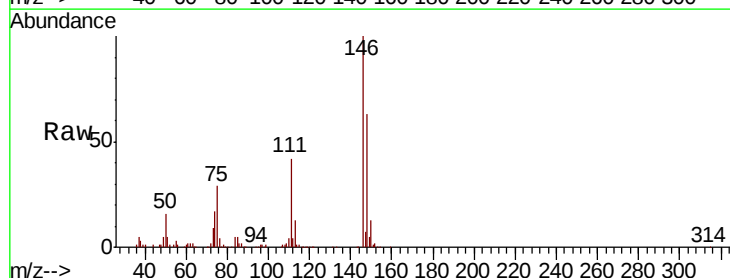
Manual Integrations
 APPROVED

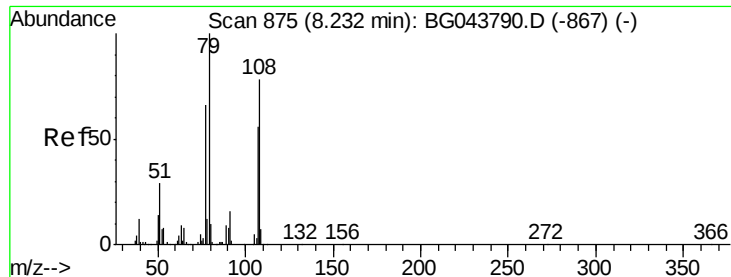
mohammad
 12/10/2019 11:50:58 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.367 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	41.8	33.4	50.2





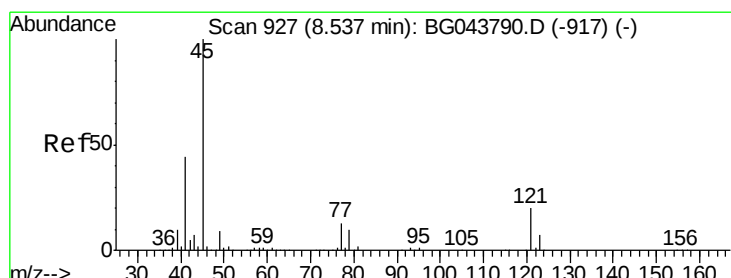
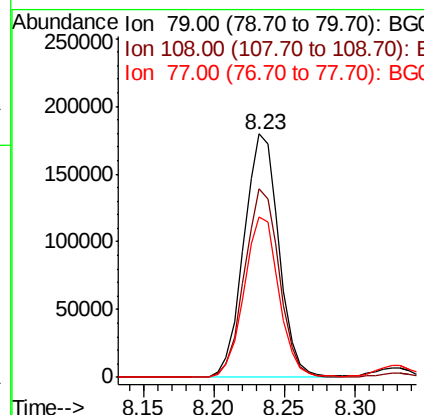
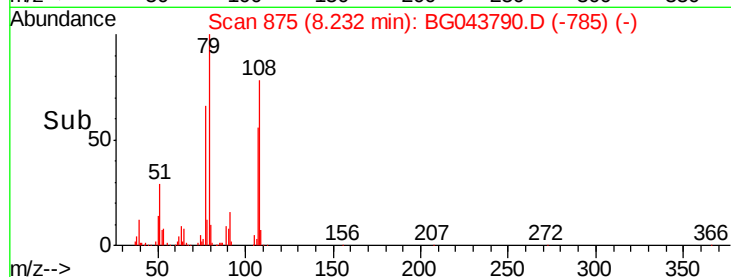
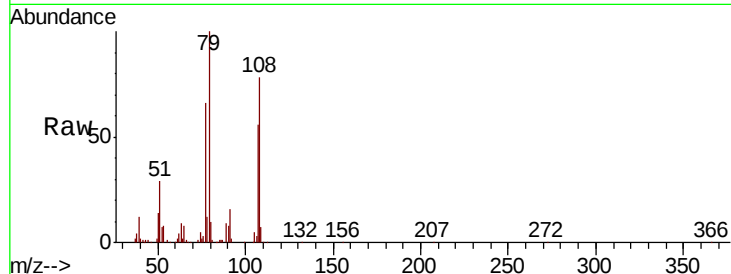
#15
Benzyl Alcohol
Concen: 36.069 ng
RT: 8.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.2	93.2
77	66.0	52.8	79.2

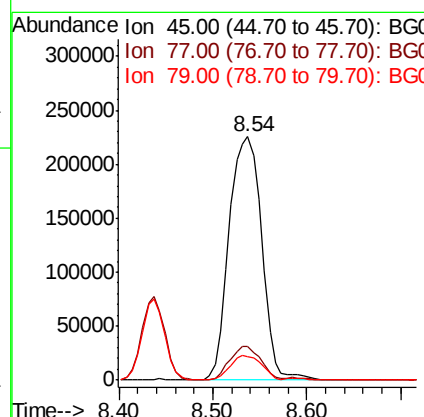
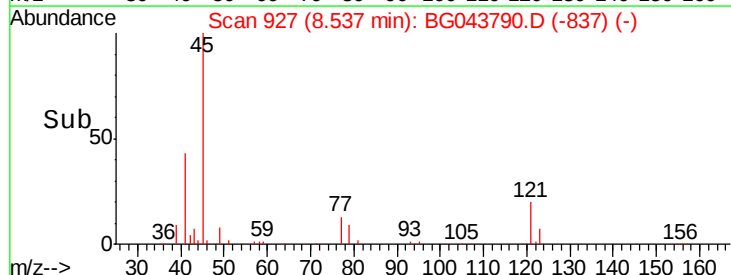
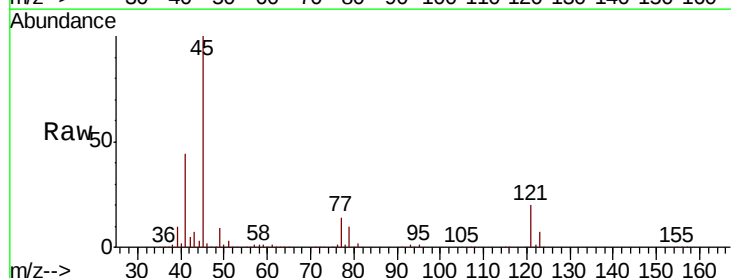
Manual Integrations
APPROVED

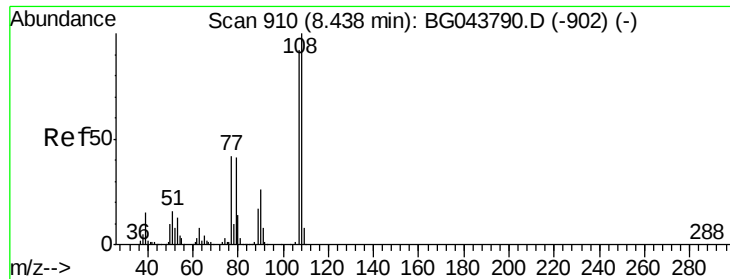
mohammad
12/10/2019 11:50:58 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.827 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.6
79	9.9	0.0	29.9





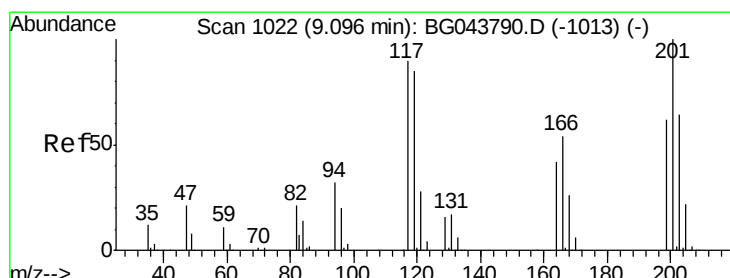
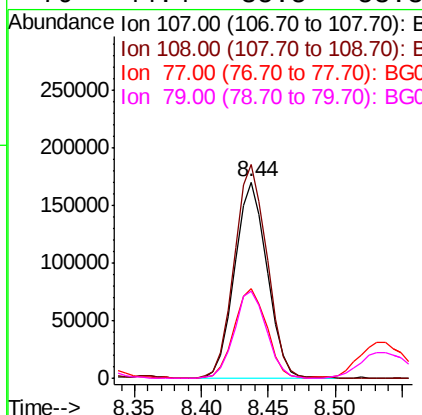
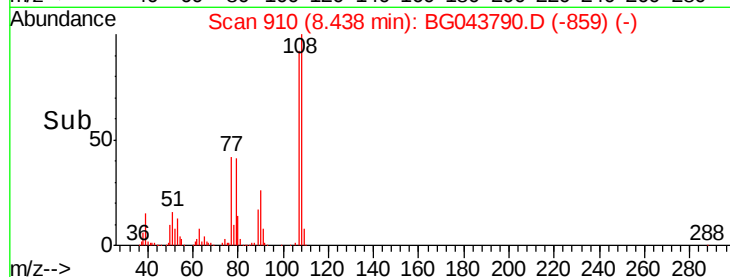
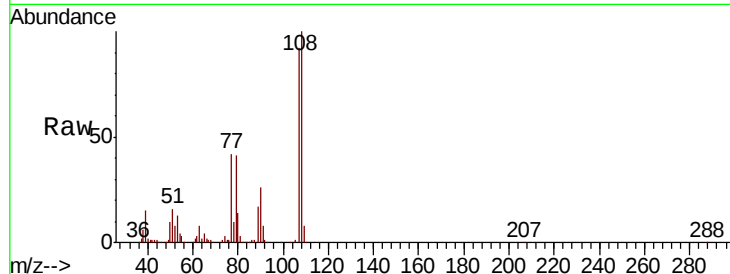
#17
2-Methylphenol
Concen: 37.690 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	87.2	130.8	
77	45.7	36.6	54.8	
79	44.4	35.5	53.3	

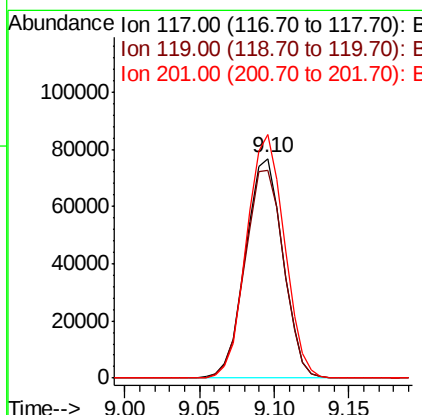
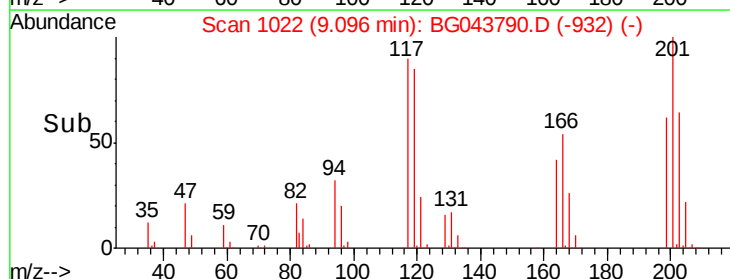
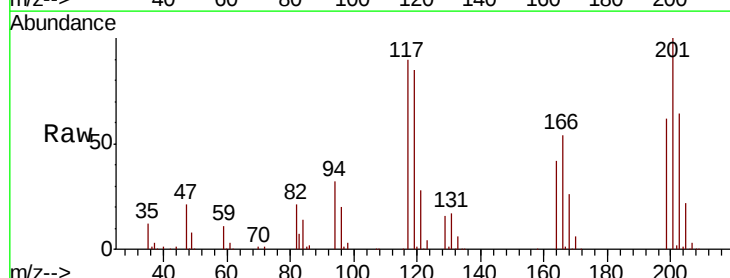
Manual Integrations
APPROVED

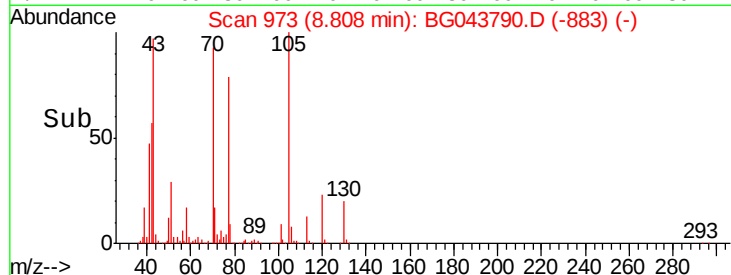
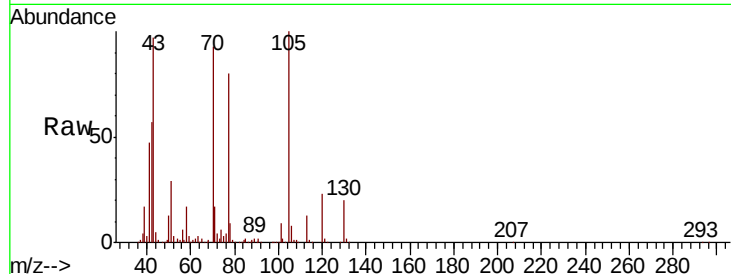
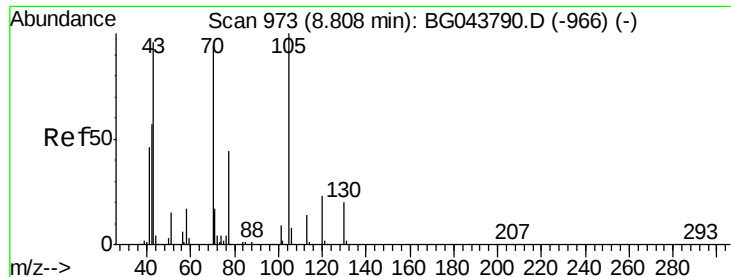
mohammad
12/10/2019 11:50:58 AM



#18
Hexachloroethane
Concen: 36.575 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.6	113.4	
201	110.8	88.6	133.0	





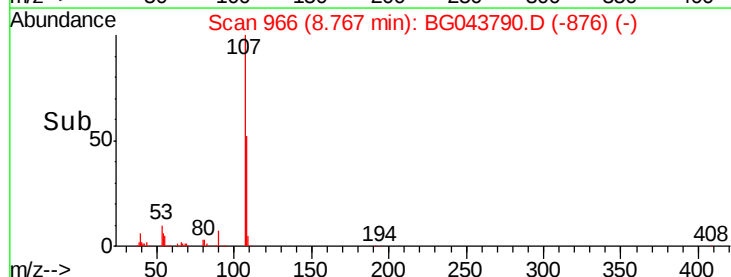
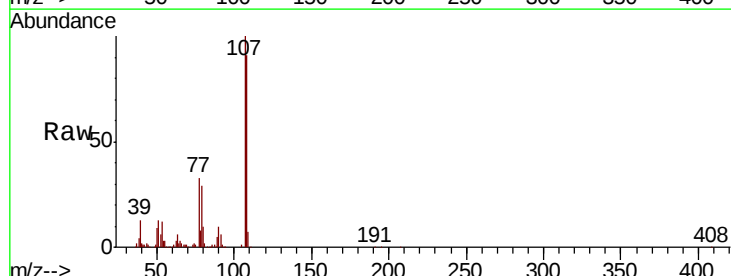
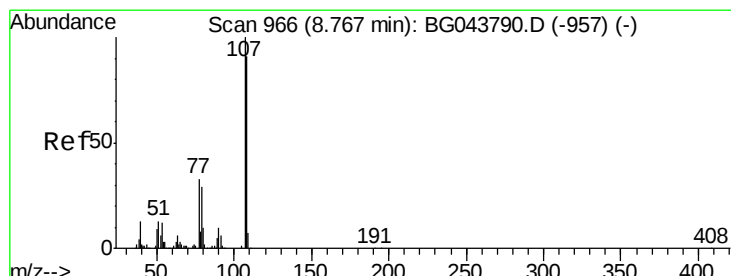
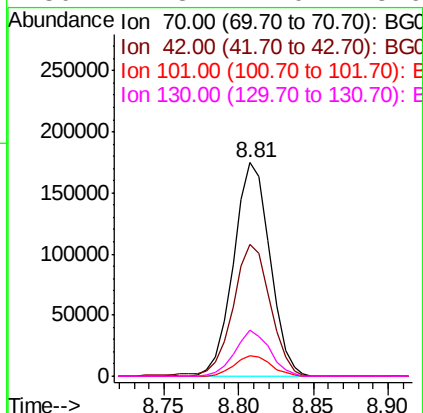
#19
n-Nitroso-di-n-propylamine
Concen: 36.411 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	49.2	73.8	
101	9.7	7.8	11.6	
130	21.3	17.0	25.6	

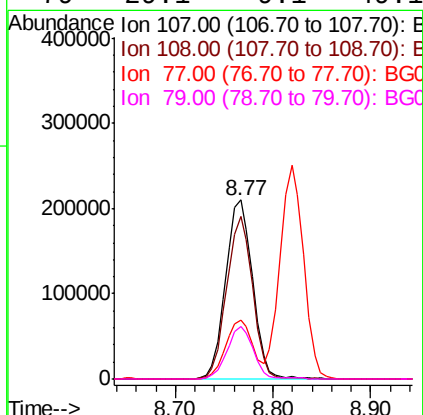
Manual Integrations
APPROVED

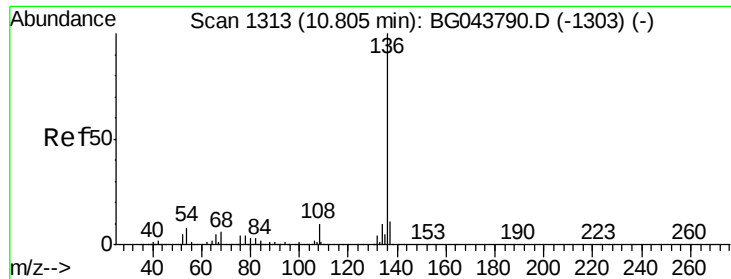
mohammad
12/10/2019 11:50:58 AM



#20
3+4-Methylphenols
Concen: 38.063 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	70.9	110.9	
77	32.7	12.7	52.7	
79	29.1	9.1	49.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

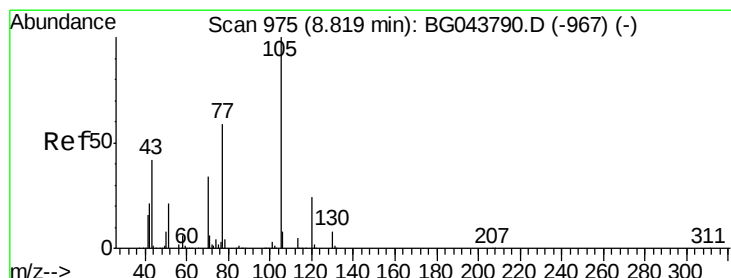
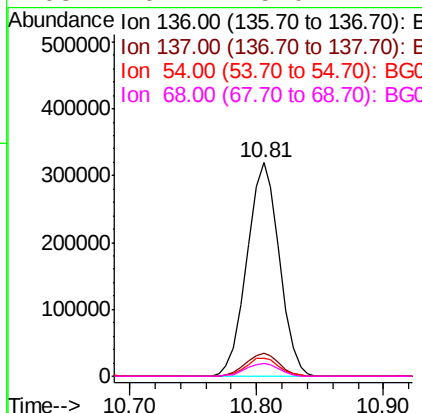
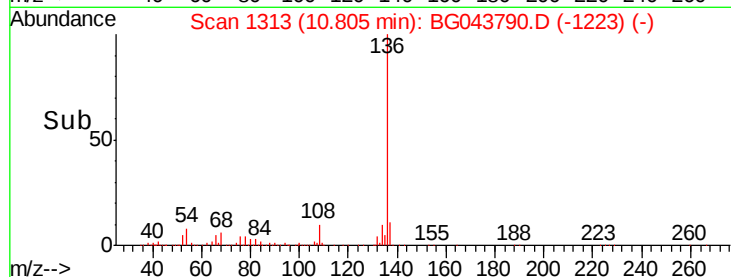
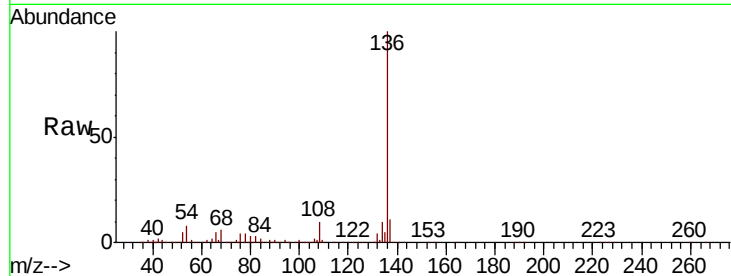
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	566332		
137	10.9		8.7	13.1
54	8.5		6.8	10.2
68	6.2		5.0	7.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#22

Acetophenone

Concen: 36.628 ng

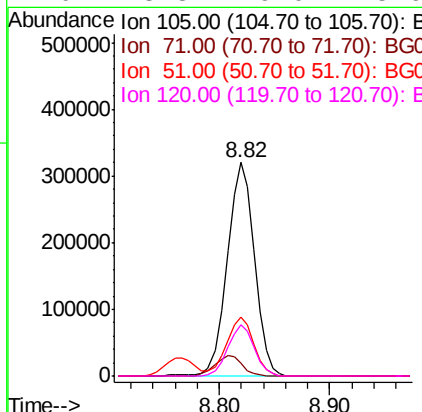
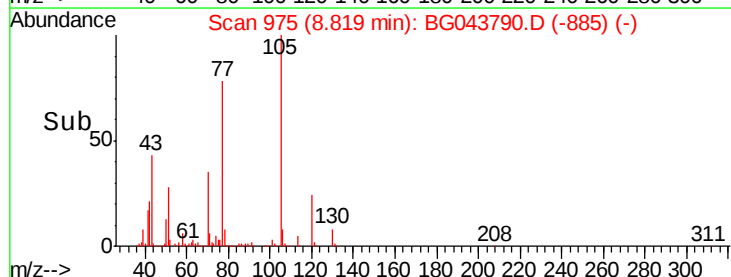
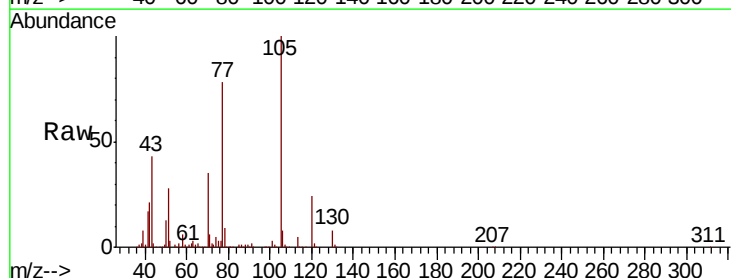
RT: 8.82 min Scan# 975

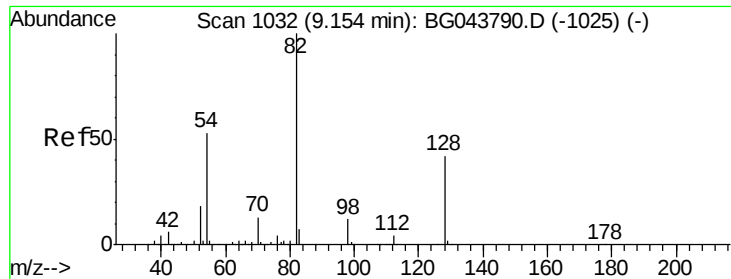
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	549804		
71	6.1		4.9	7.3
51	27.8		22.2	33.4
120	23.8		19.0	28.6





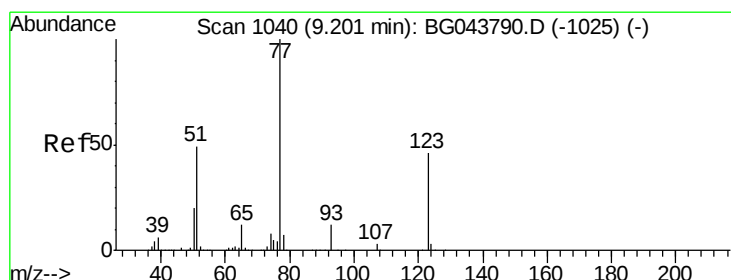
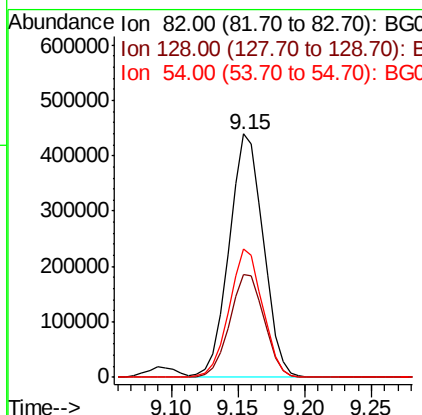
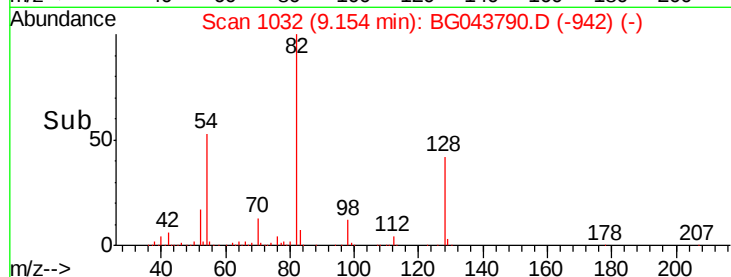
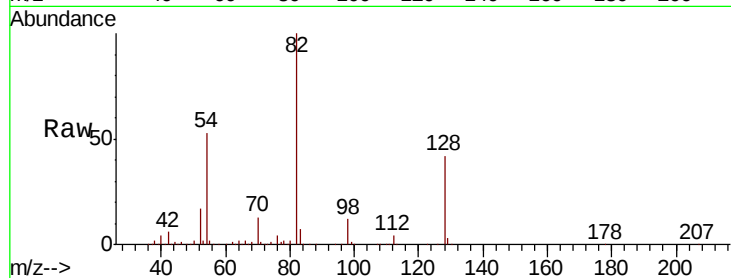
#23
Nitrobenzene-d5
Concen: 76.002 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	52.6	42.1	63.1

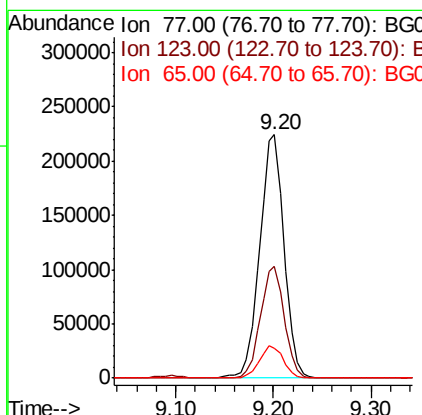
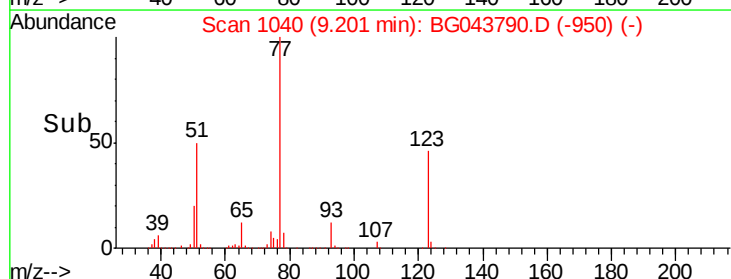
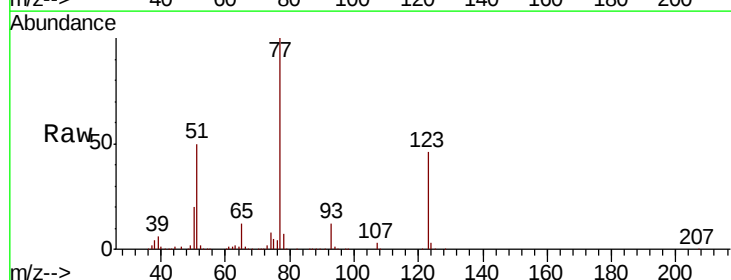
Manual Integrations
APPROVED

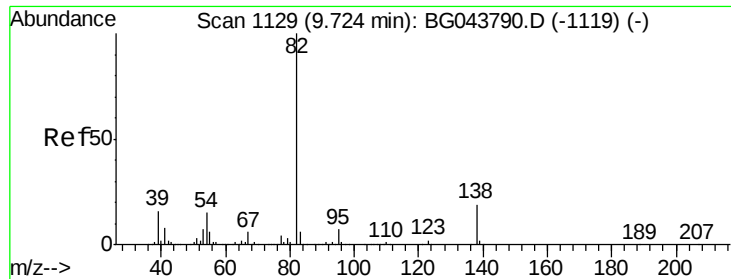
mohammad
12/10/2019 11:50:58 AM



#24
Nitrobenzene
Concen: 37.225 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.6	55.0
65	12.2	9.8	14.6





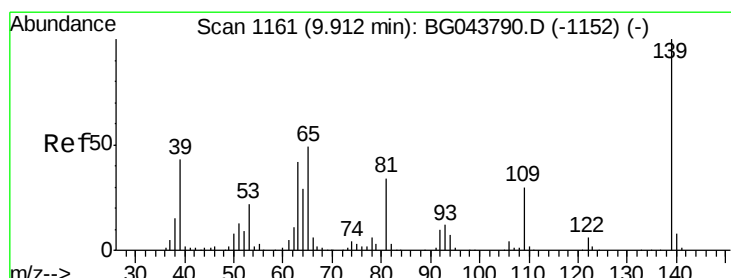
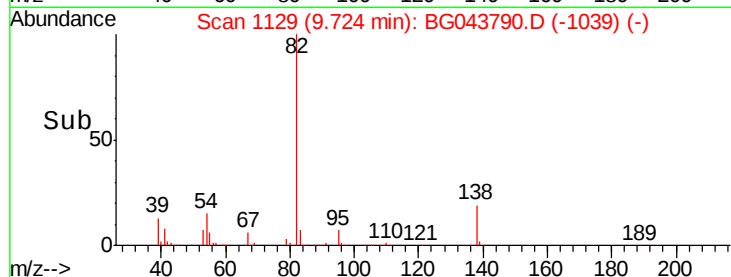
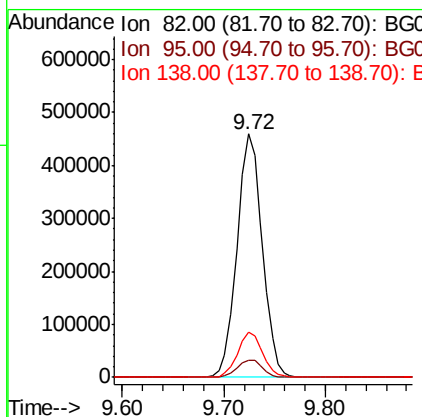
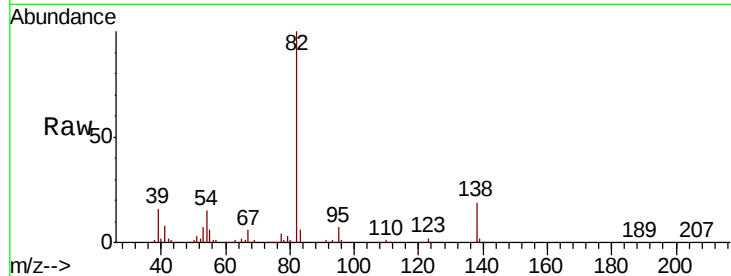
#25
Isophorone
Concen: 35.782 ng
RT: 9.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	14.8	22.2

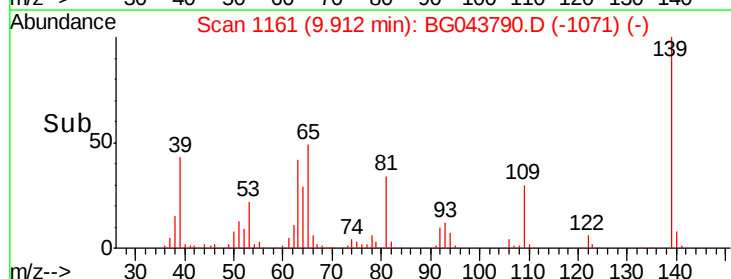
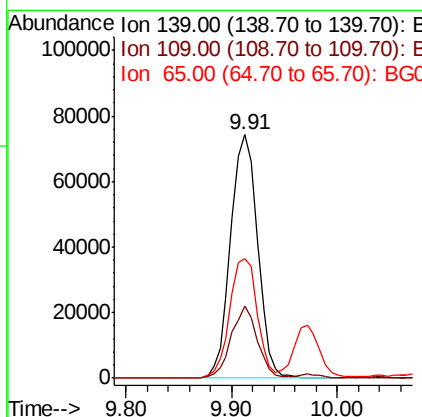
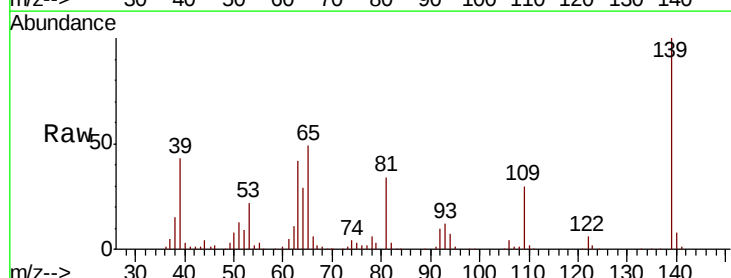
Manual Integrations
APPROVED

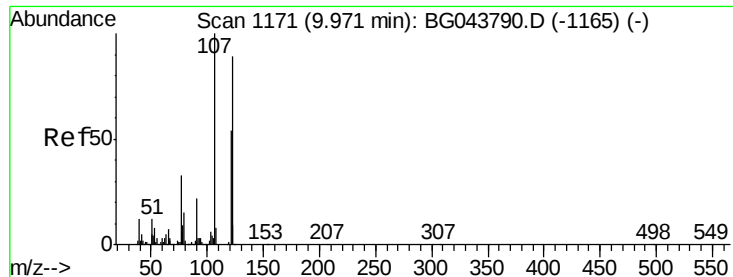
mohammad
12/10/2019 11:50:58 AM



#26
2-Nitrophenol
Concen: 34.359 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.9	35.9
65	49.1	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 36.757 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

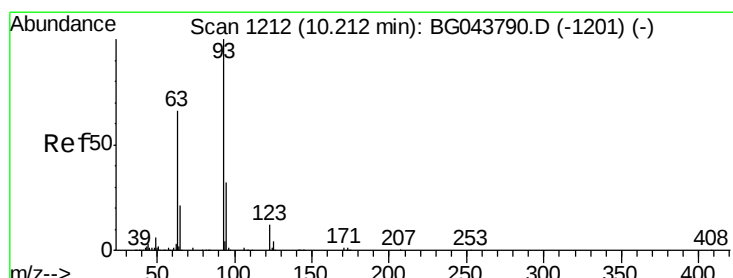
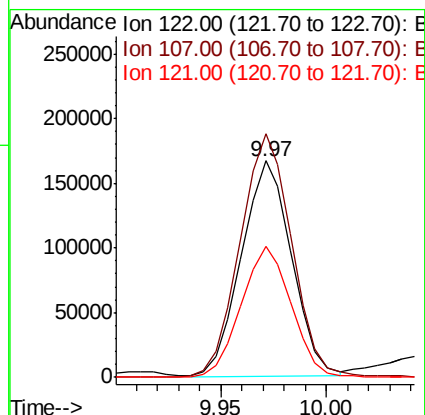
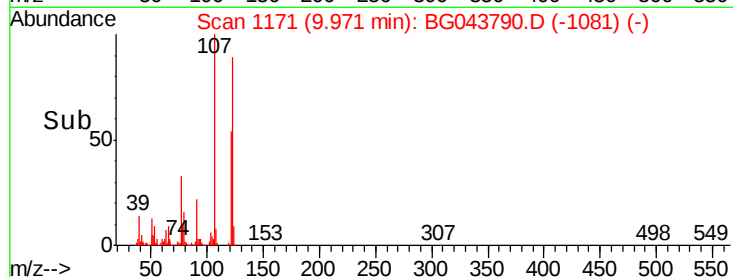
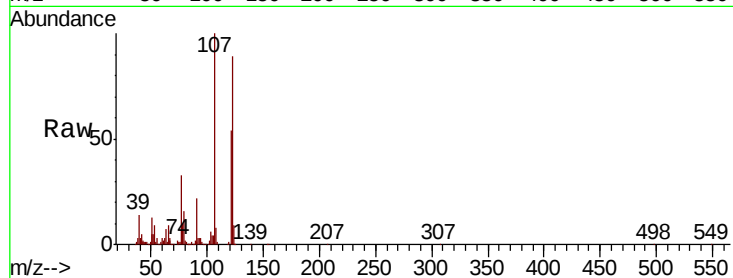
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	275698
Ion Ratio	Lower	Upper	
122	100		
107	112.5	90.0	135.0
121	60.8	48.6	73.0

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#28

bis(2-Chloroethoxy)methane

Concen: 36.829 ng

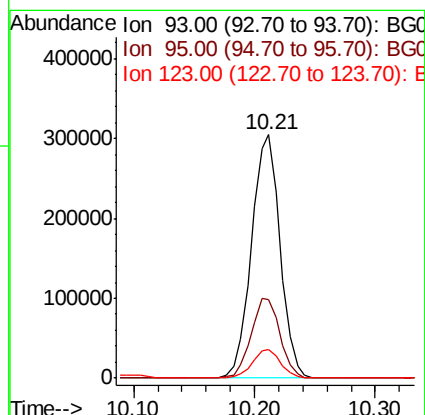
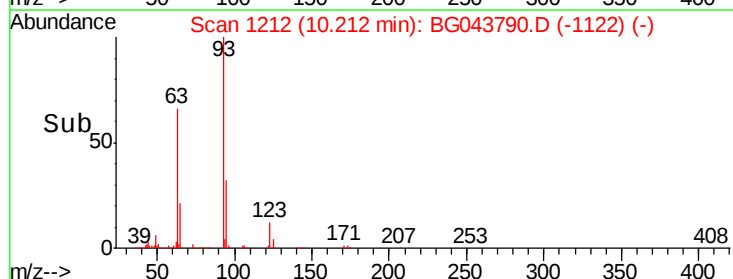
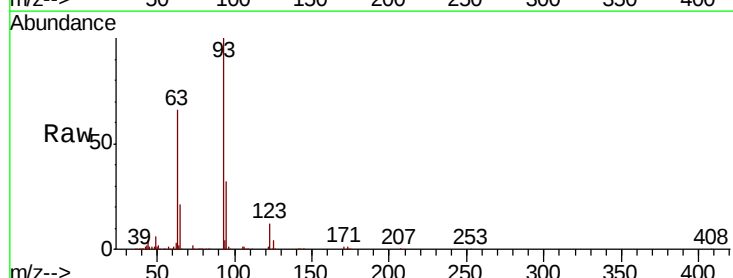
RT: 10.21 min Scan# 1212

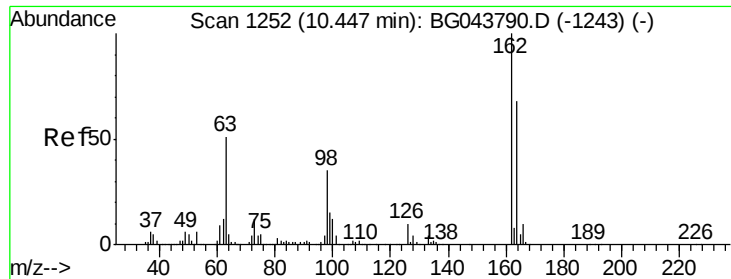
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	93	Resp:	501336
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.7	38.5
123	11.9	9.5	14.3





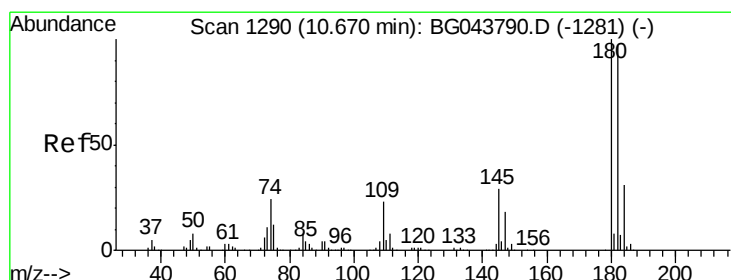
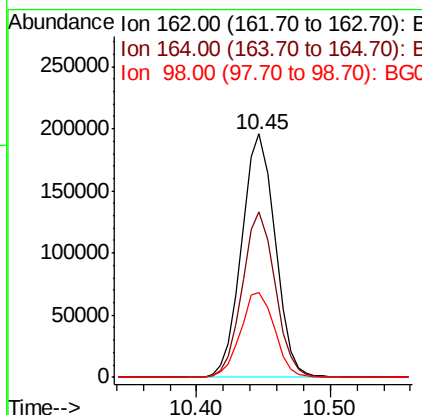
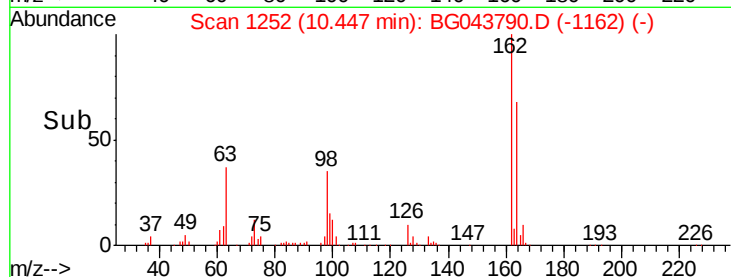
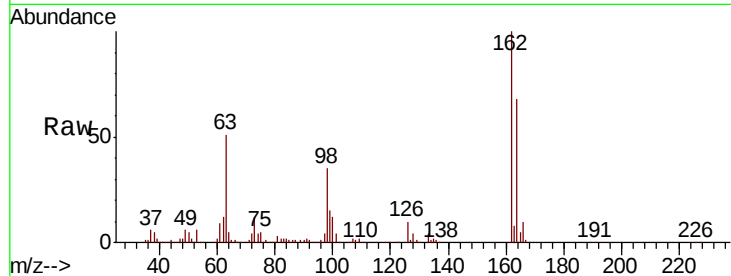
#29
 2,4-Dichlorophenol
 Concen: 37.363 ng
 RT: 10.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	340694		
164	68.0	48.0	88.0	
98	34.9	14.9	54.9	

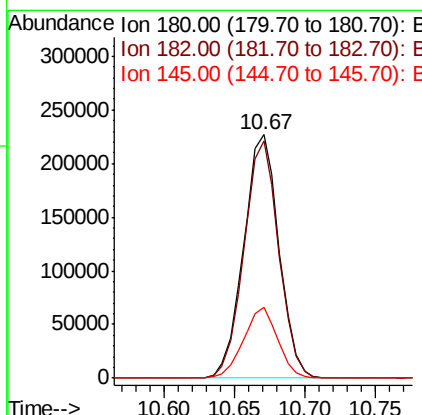
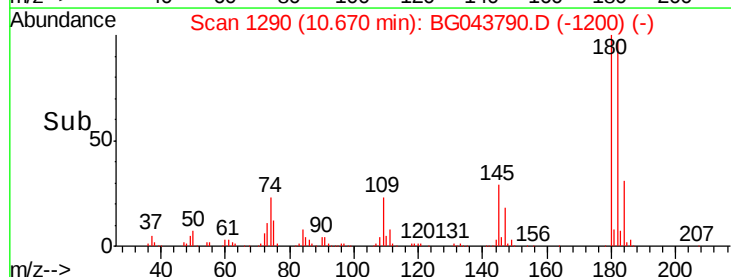
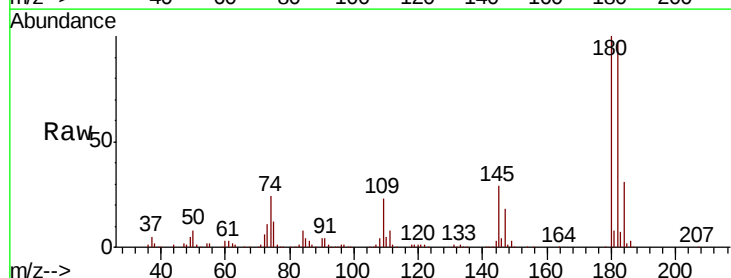
Manual Integrations
 APPROVED

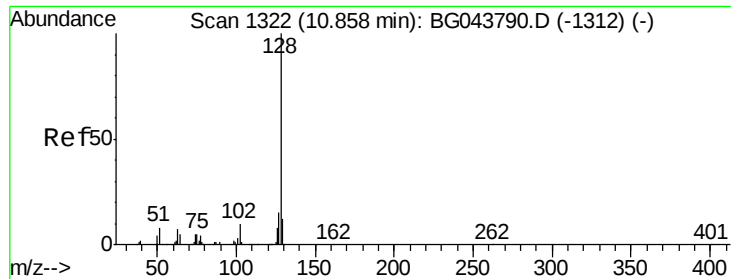
mohammad
 12/10/2019 11:50:58 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.079 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396202		
182	97.3	77.8	116.8	
145	28.8	23.0	34.6	





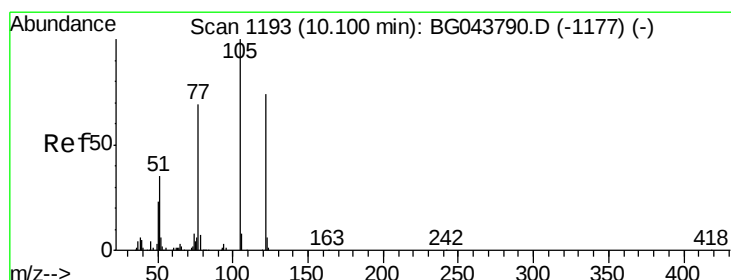
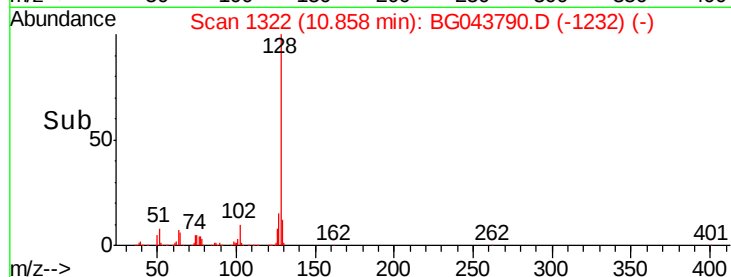
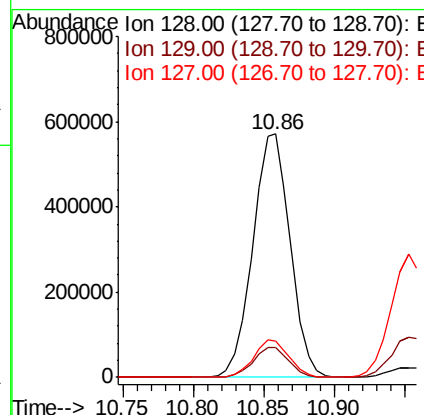
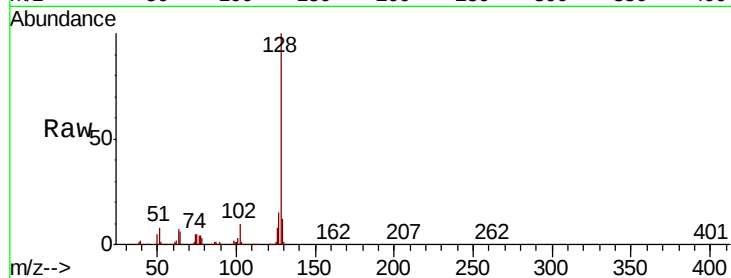
#31
Naphthalene
Concen: 37.642 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.9	11.9	17.9

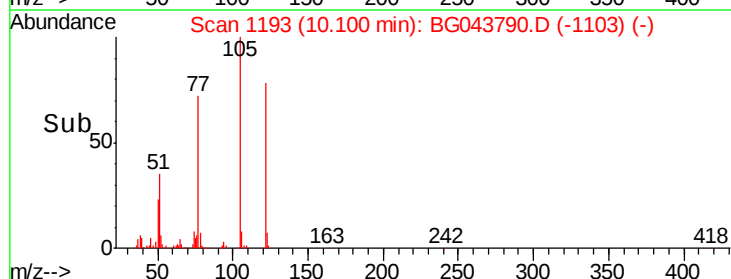
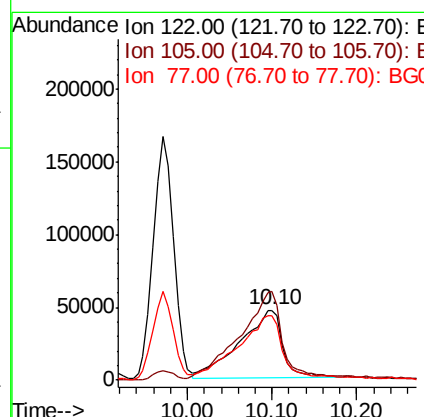
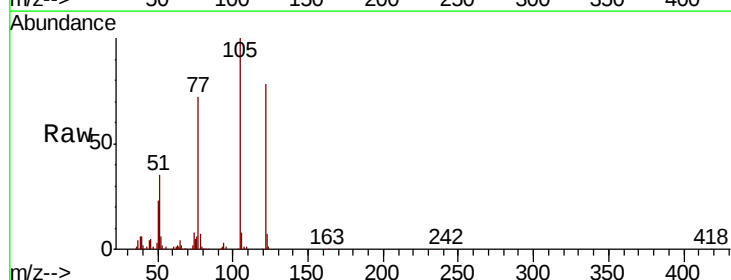
Manual Integrations
APPROVED

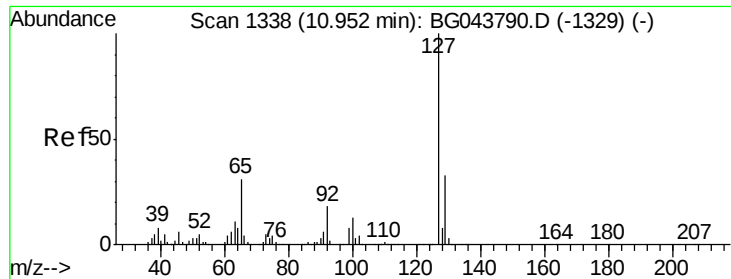
mohammad
12/10/2019 11:50:58 AM



#32
Benzoic acid
Concen: 30.448 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	107.5	147.5
77	91.7	71.7	111.7





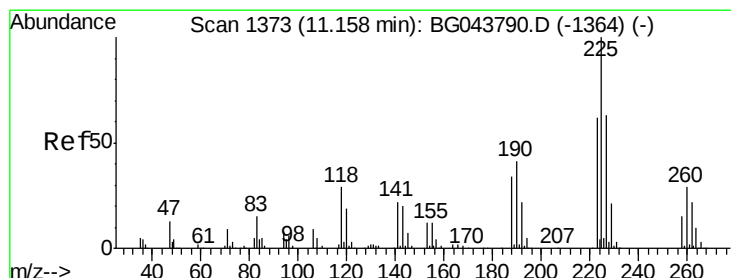
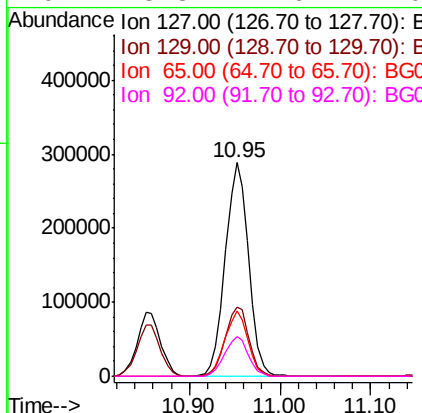
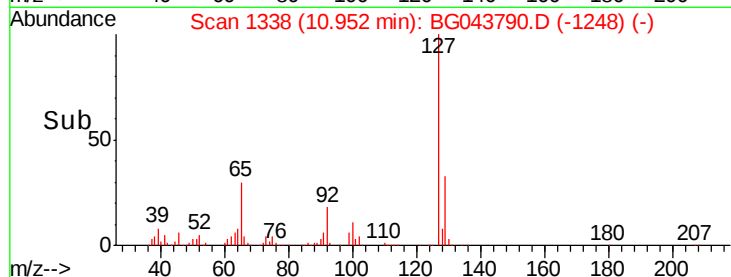
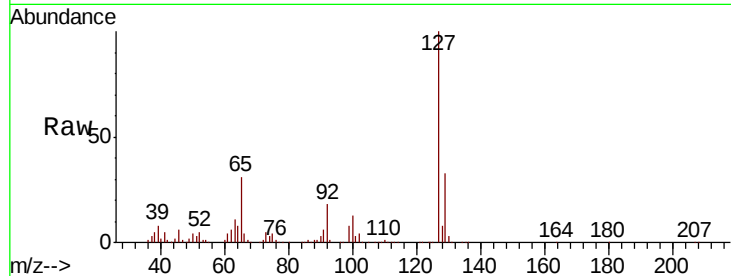
#33
4-Chloroaniline
Concen: 37.855 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.1	39.1	
65	30.5	24.4	36.6	
92	18.3	14.6	22.0	

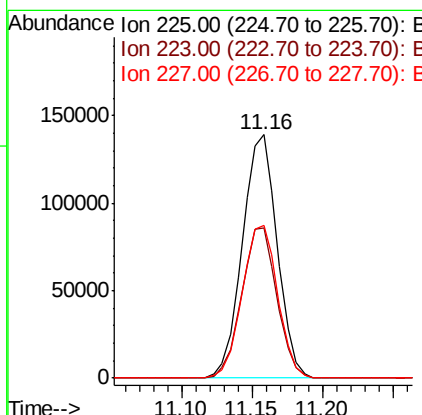
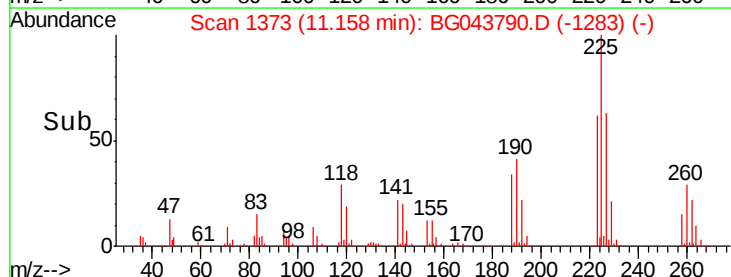
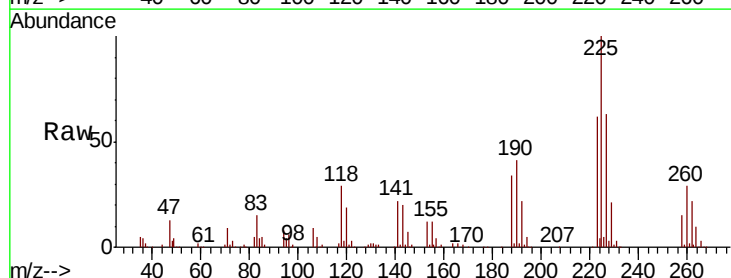
Manual Integrations
APPROVED

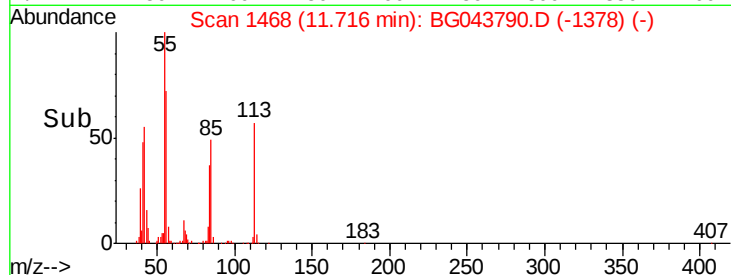
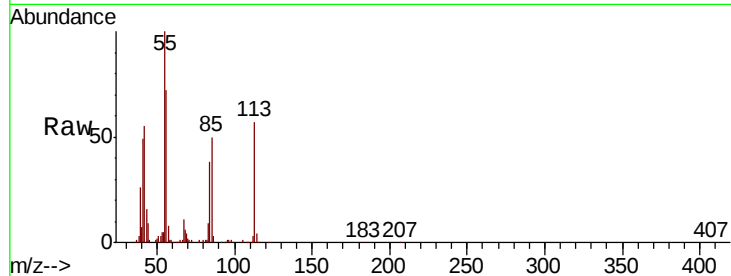
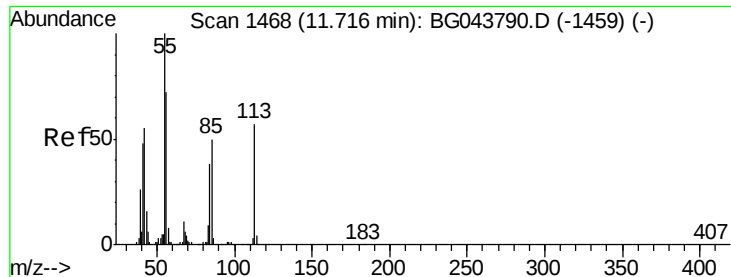
mohammad
12/10/2019 11:50:58 AM



#34
Hexachlorobutadiene
Concen: 34.116 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.3	73.9	
227	62.7	50.2	75.2	





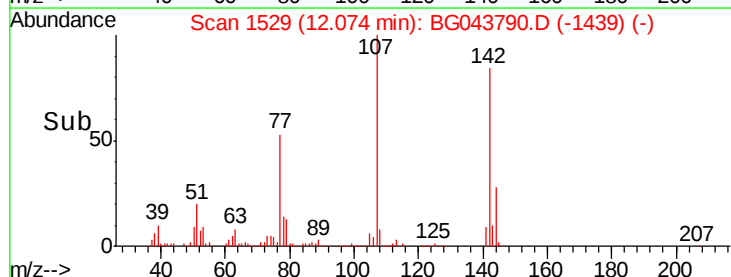
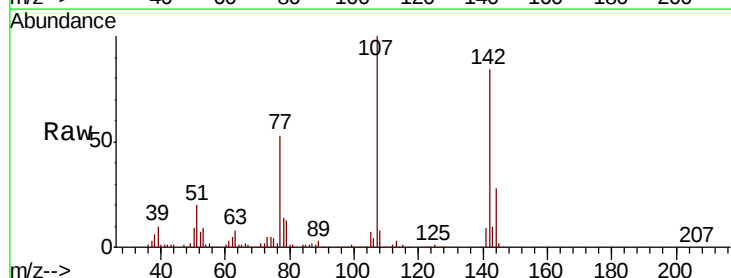
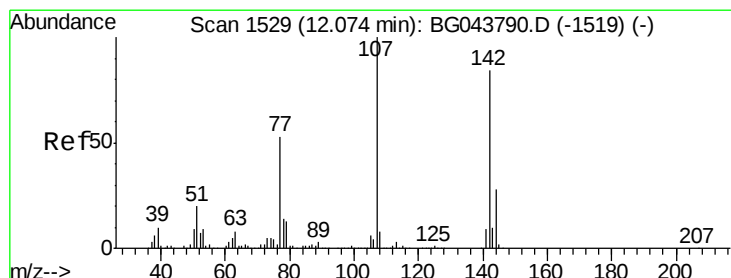
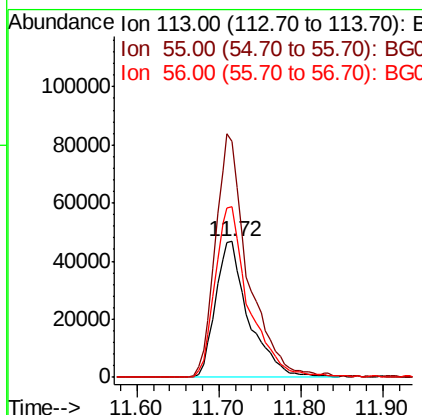
#35
Caprolactam
Concen: 35.627 ng
RT: 11.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.2	154.2	194.2
56	125.6	105.6	145.6

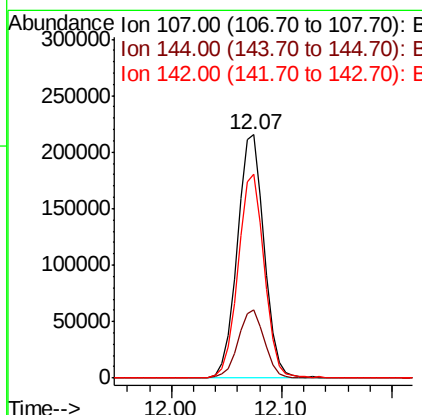
Manual Integrations
APPROVED

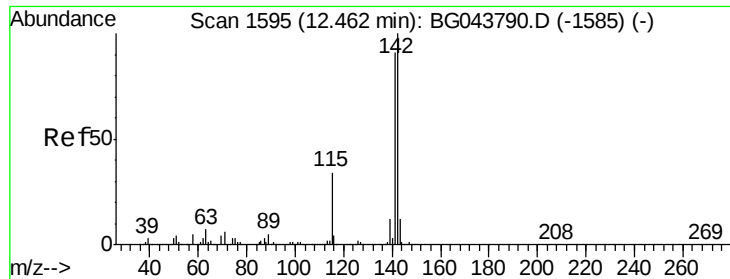
mohammad
12/10/2019 11:50:58 AM



#36
4-Chloro-3-methylphenol
Concen: 36.059 ng
RT: 12.07 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	83.8	67.0	100.6





#37

2-Methylnaphthalene

Concen: 38.891 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

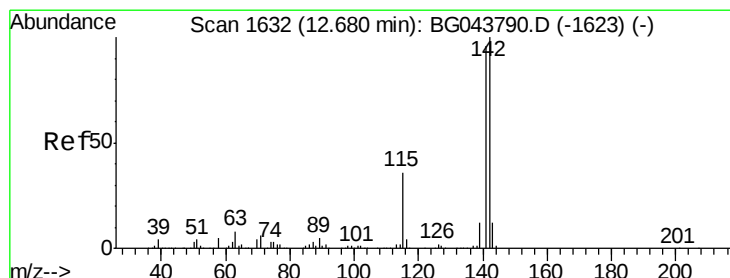
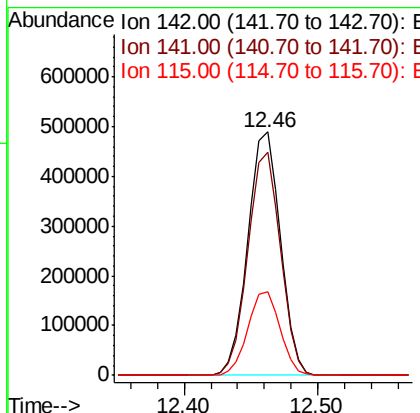
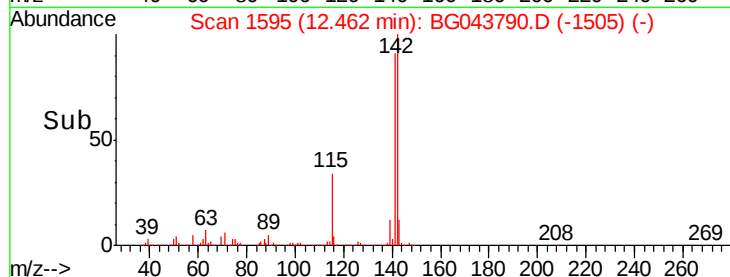
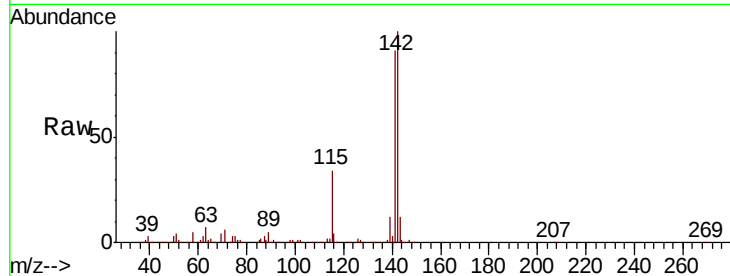
ClientSampleId :

SSTDICCC040

Tot Ion:	142	Resp:	823367
Ion Ratio	Lower	Upper	
142	100		
141	91.5	73.2	109.8
115	34.1	27.3	40.9

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#38

1-Methylnaphthalene

Concen: 38.957 ng

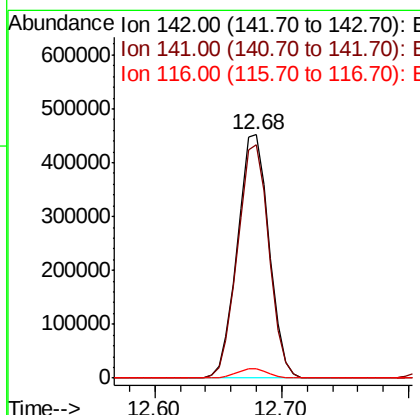
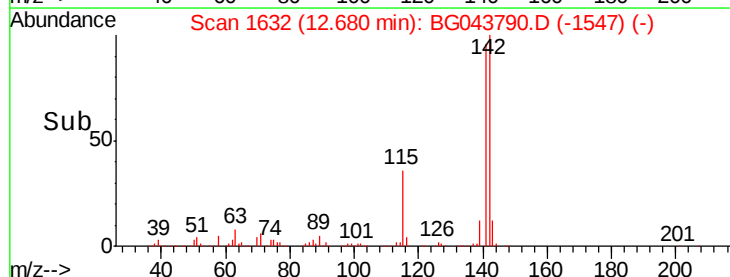
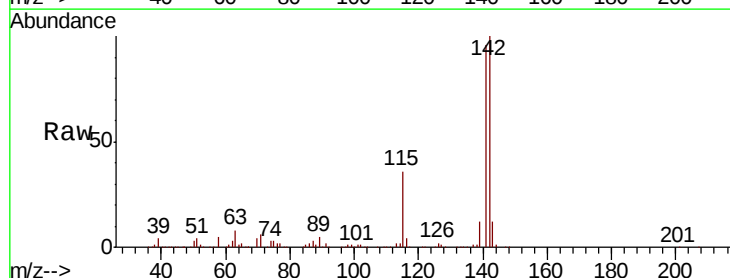
RT: 12.68 min Scan# 1632

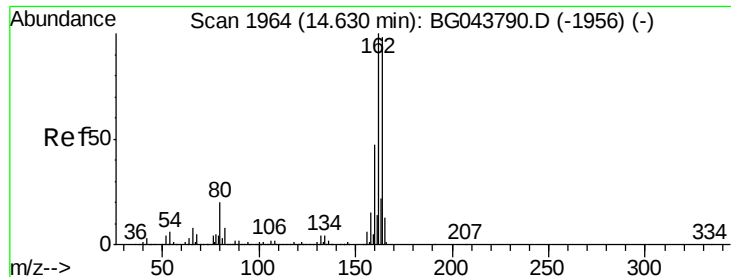
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	142	Resp:	782747
Ion Ratio	Lower	Upper	
142	100		
141	96.1	76.9	115.3
116	4.0	3.2	4.8





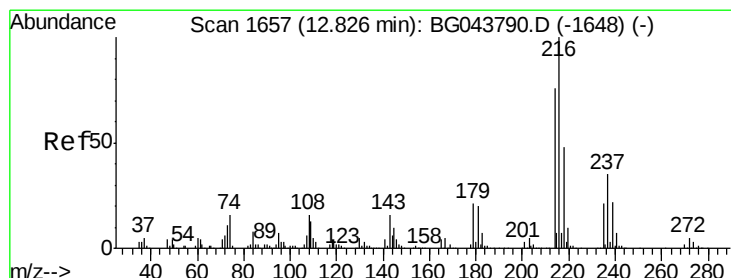
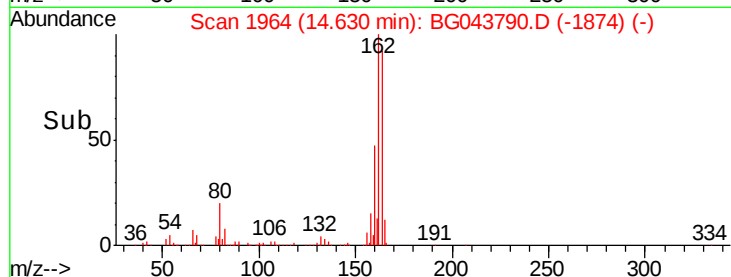
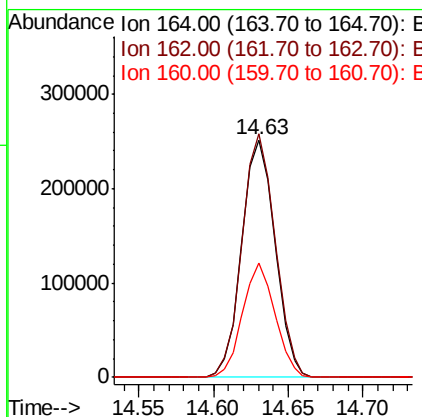
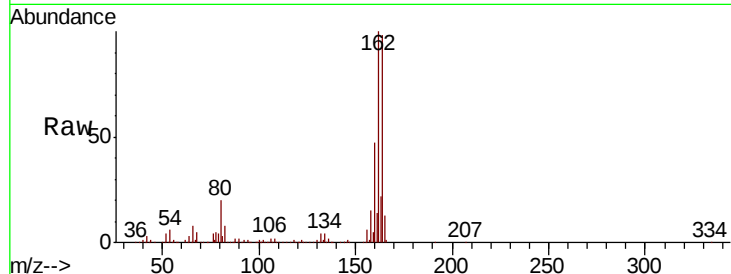
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	81.9	122.9	
160	47.9	38.3	57.5	

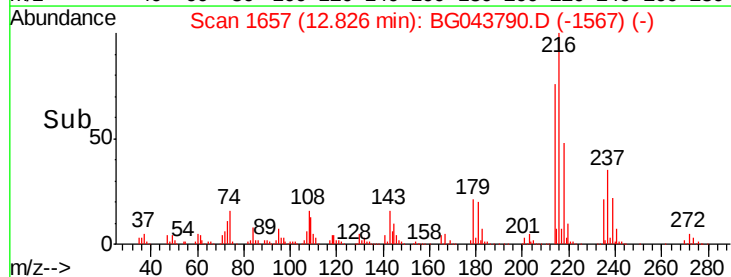
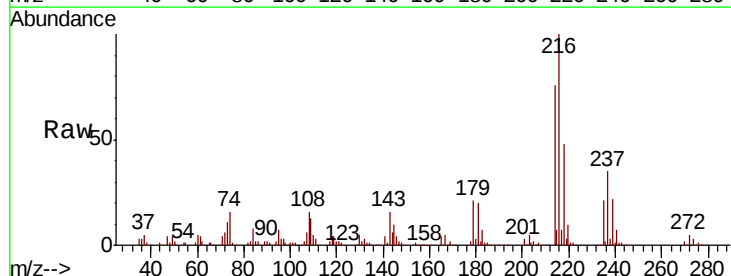
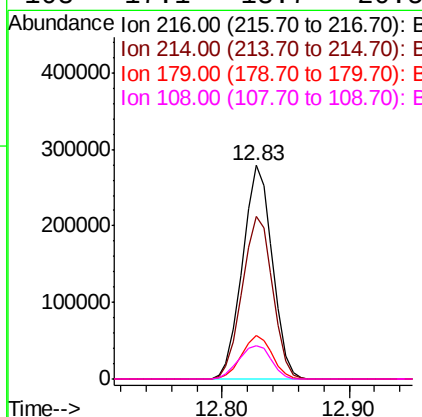
Manual Integrations
APPROVED

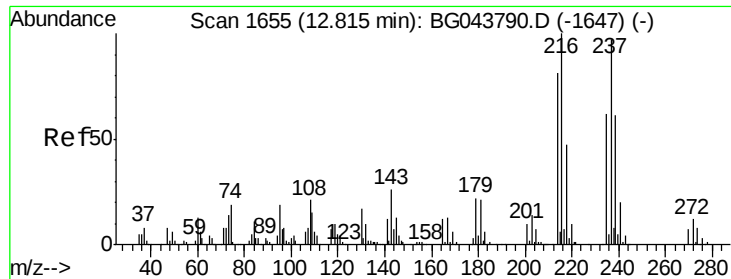
mohammad
12/10/2019 11:50:58 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.714 ng
RT: 12.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	62.2	93.4	
179	20.8	16.6	25.0	
108	17.1	13.7	20.5	





#41

Hexachlorocyclopentadiene

Concen: 31.683 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:237 Resp: 212309

Ion Ratio Lower Upper

237 100

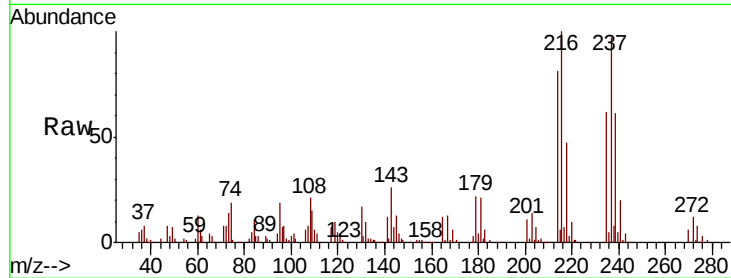
235 63.9 43.9 83.9

272 12.0 0.0 32.0

Manual Integrations
APPROVED

mohammad

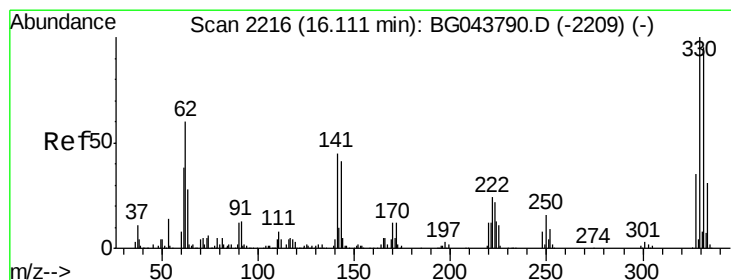
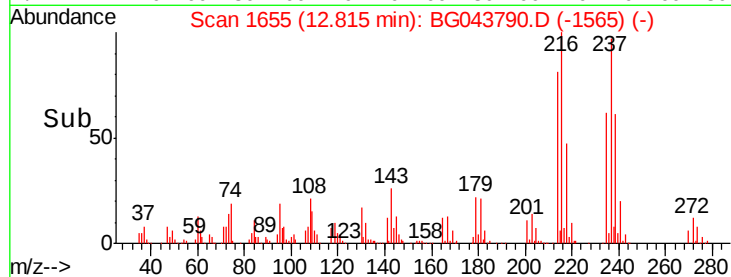
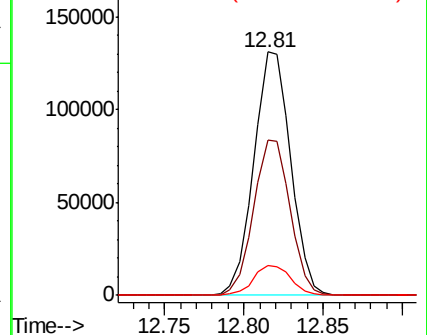
12/10/2019 11:50:58 AM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 61.577 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

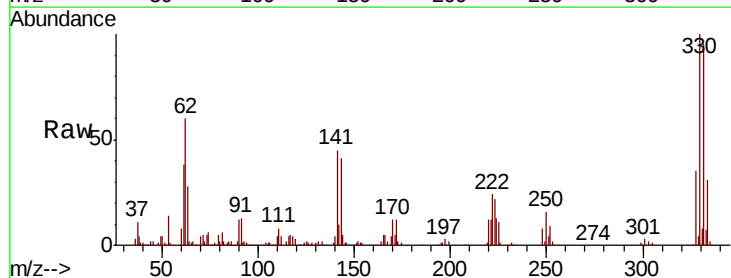
Tgt Ion:330 Resp: 289499

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

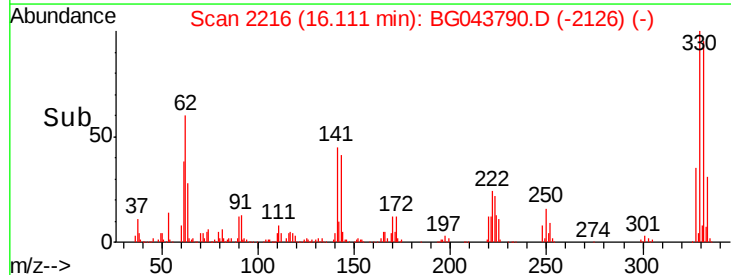
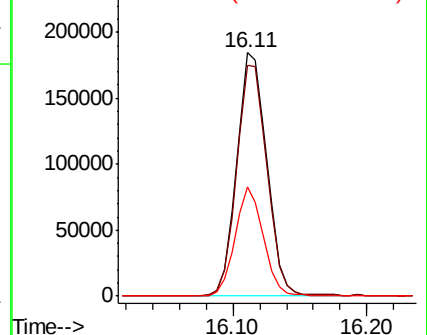
141 42.3 33.8 50.8

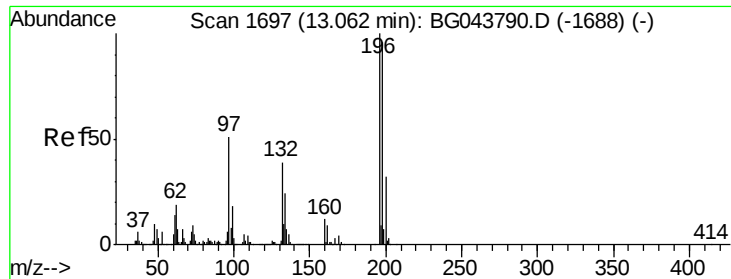


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





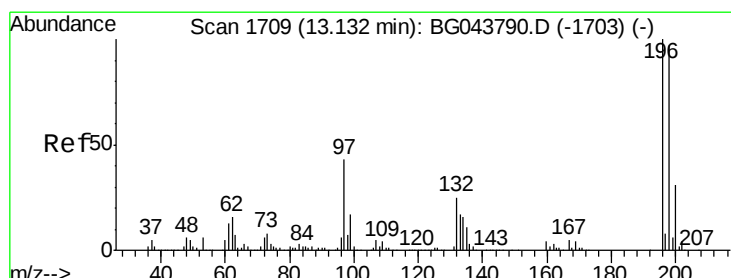
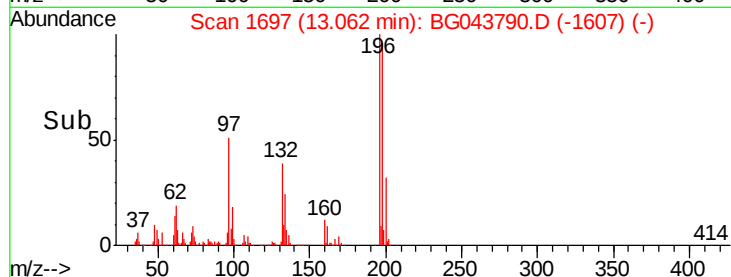
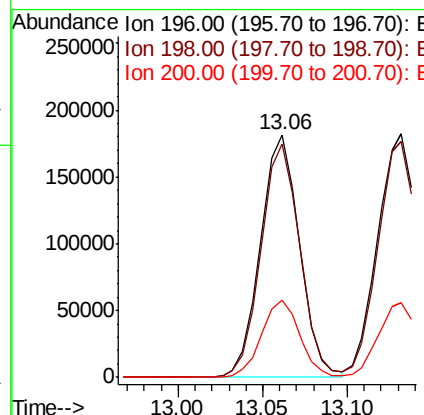
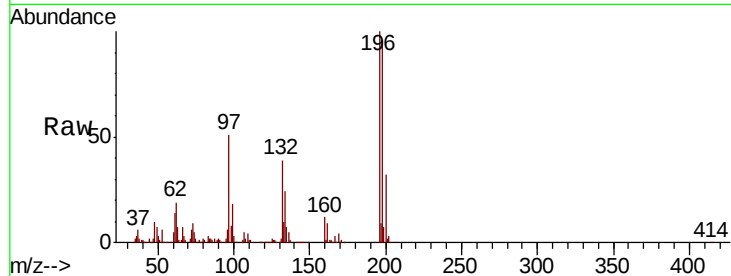
#43
2,4,6-Trichlorophenol
Concen: 36.520 ng
RT: 13.06 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	291314		
198	96.3	77.0	115.6	
200	32.1	25.7	38.5	

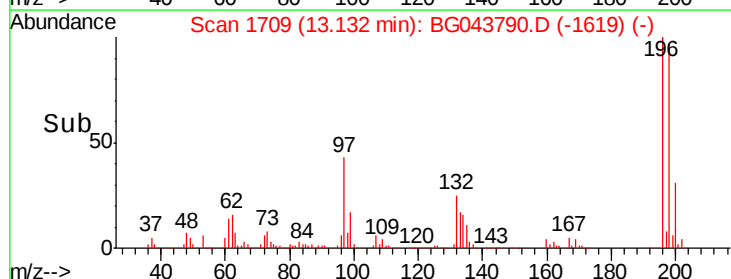
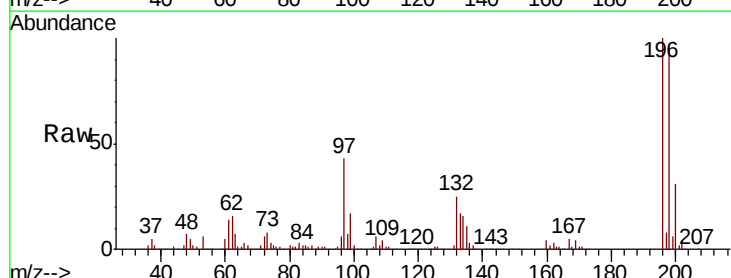
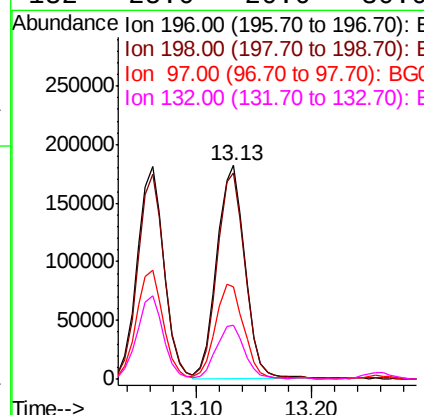
Manual Integrations
APPROVED

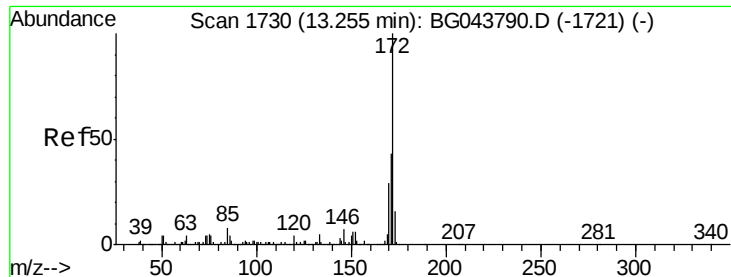
mohammad
12/10/2019 11:50:58 AM



#44
2,4,5-Trichlorophenol
Concen: 37.019 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307208		
198	96.7	77.4	116.0	
97	43.4	34.7	52.1	
132	25.0	20.0	30.0	





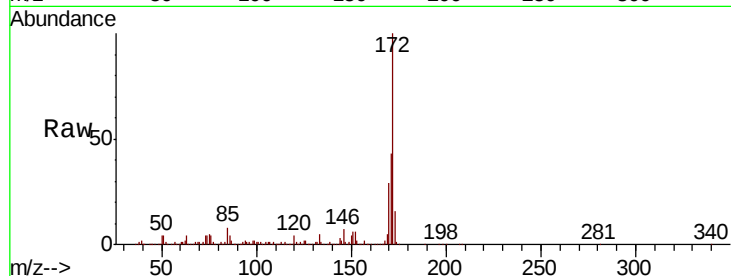
#45
2-Fluorobiphenyl
Concen: 75.285 ng
RT: 13.26 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.2	34.6	51.8
170	29.1	23.3	34.9

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

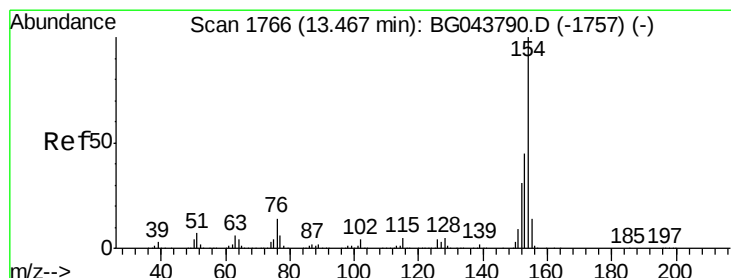
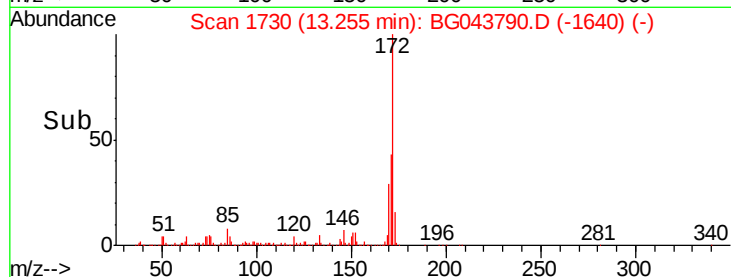
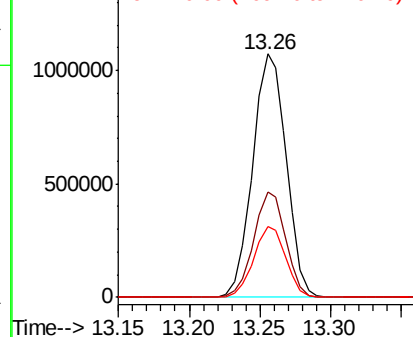


Abundance

Ion 172.00 (171.70 to 172.70): E

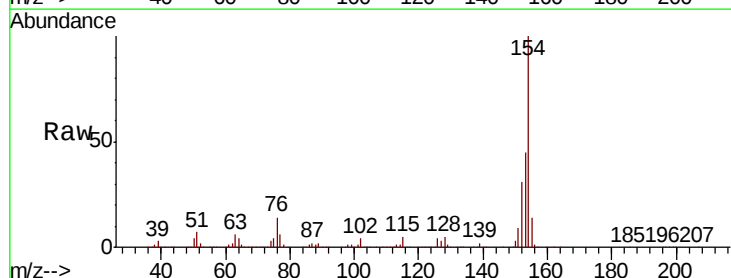
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.419 ng
RT: 13.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	24.5	64.5
76	13.9	0.0	33.9

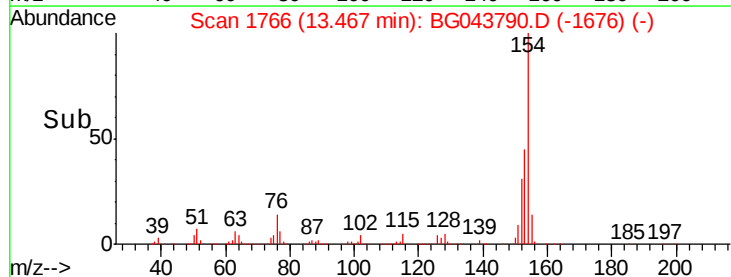
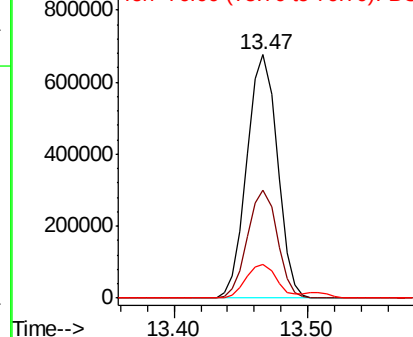


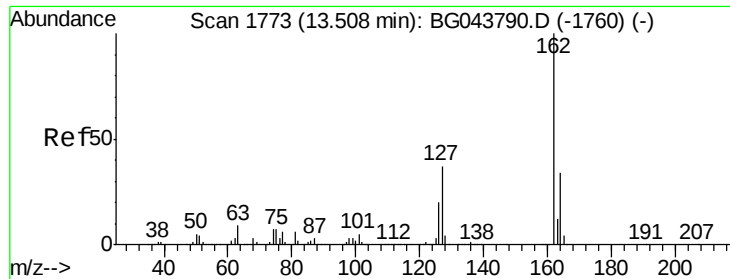
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





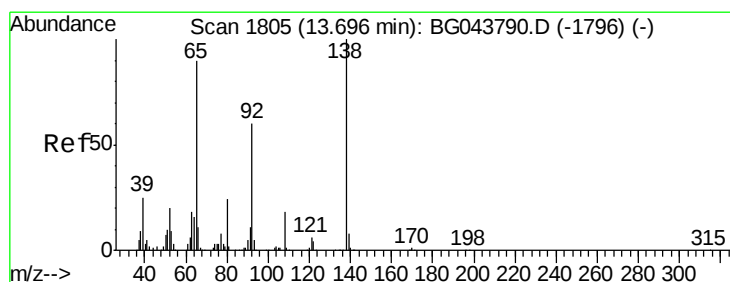
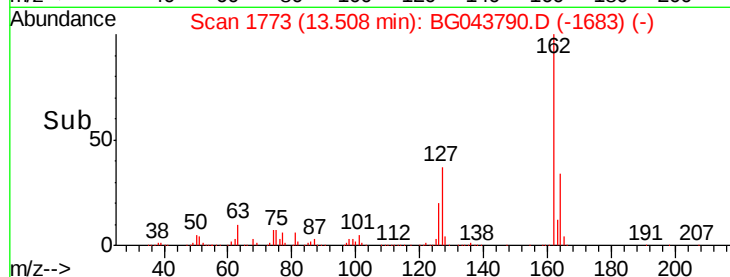
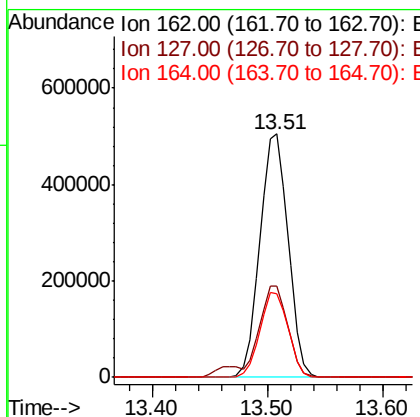
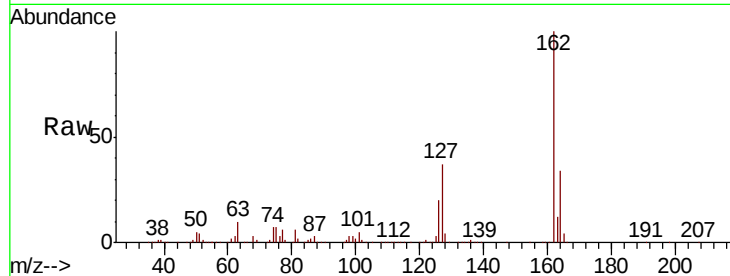
#47
2-Chloronaphthalene
Concen: 39.161 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.5	27.6	41.4

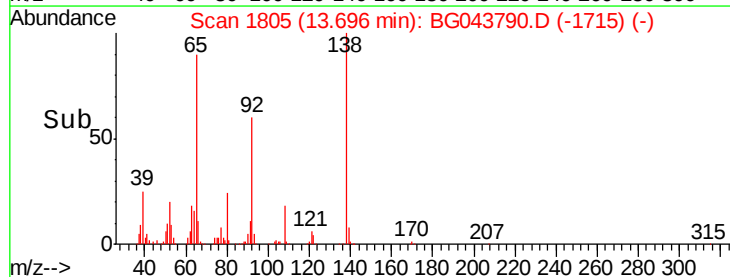
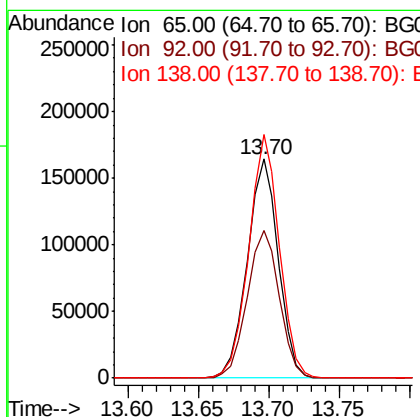
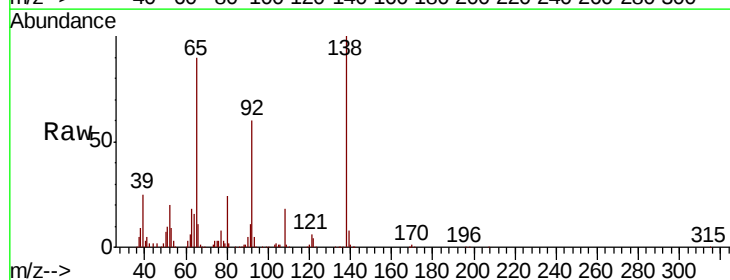
Manual Integrations
APPROVED

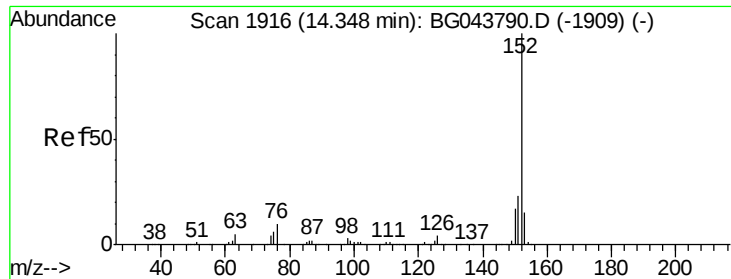
mohammad
12/10/2019 11:50:58 AM



#48
2-Nitroaniline
Concen: 39.327 ng
RT: 13.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.7	80.5
138	111.0	88.8	133.2





#49

Acenaphthylene

Concen: 37.694 ng

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1306724

Ion Ratio Lower Upper

152 100

151 23.1 18.5 27.7

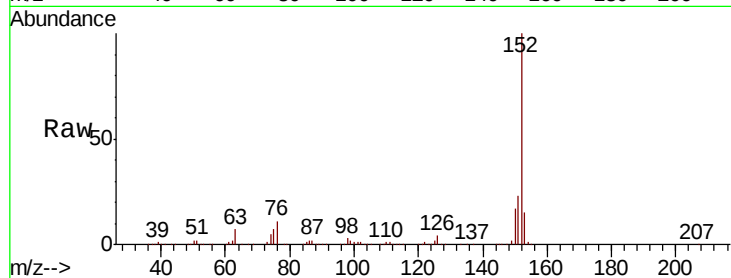
153 14.8 11.8 17.8

Manual Integrations

APPROVED

mohammad

12/10/2019 11:50:58 AM

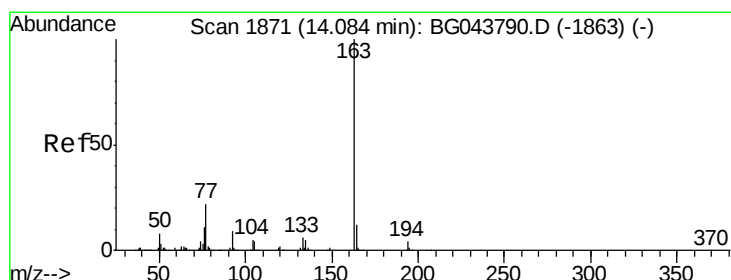
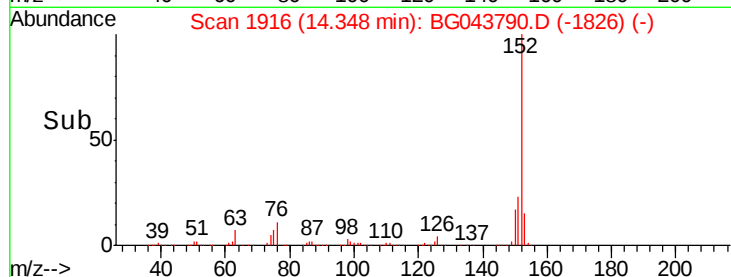
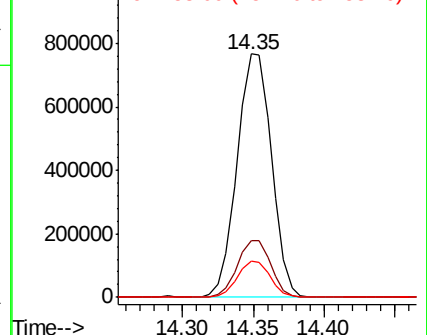


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.838 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

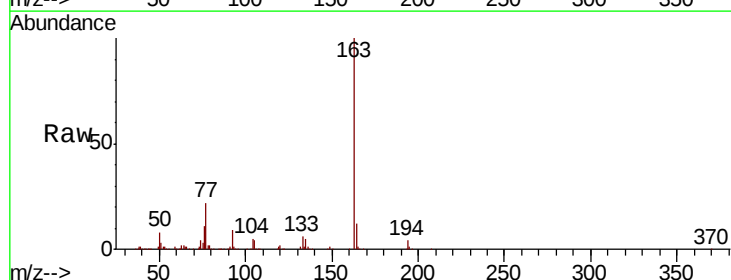
Tgt Ion:163 Resp: 1106584

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 11.7 9.4 14.0

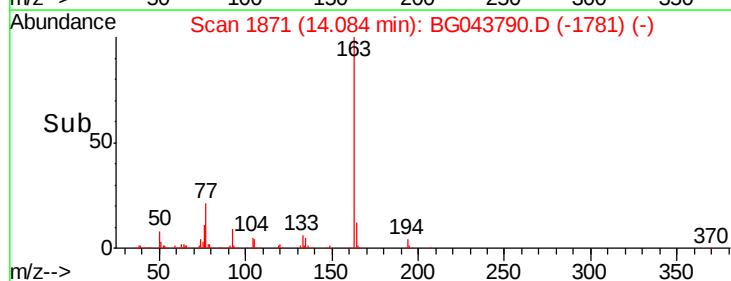
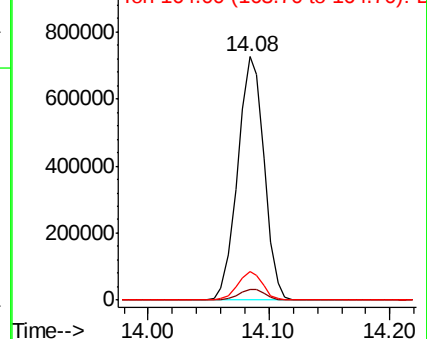


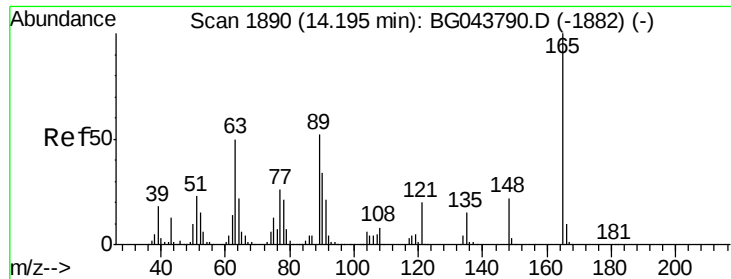
Abundance

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





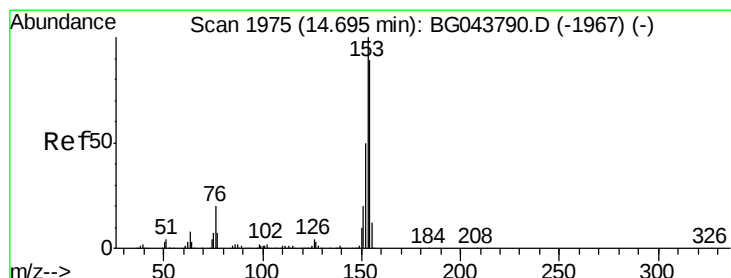
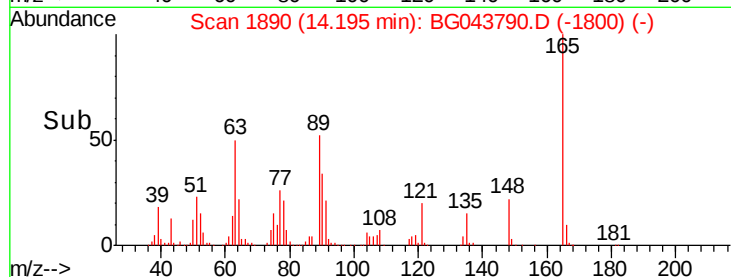
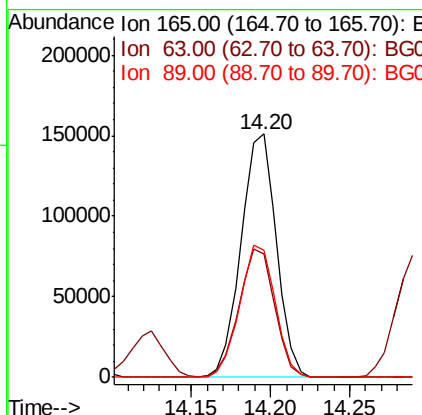
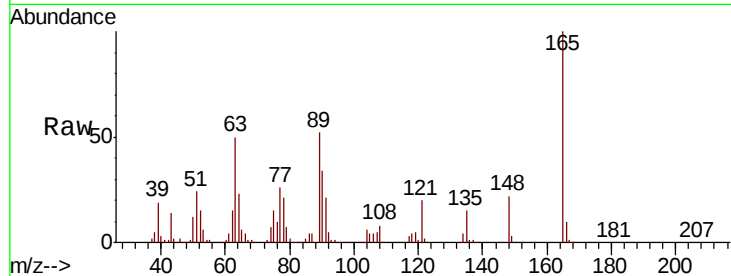
#51
 2,6-Dinitrotoluene
 Concen: 40.842 ng
 RT: 14.20 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.3	60.5
89	52.3	41.8	62.8

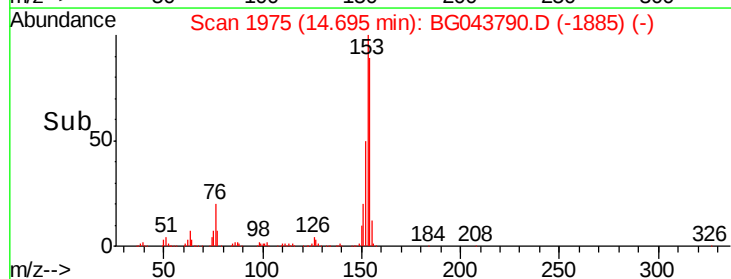
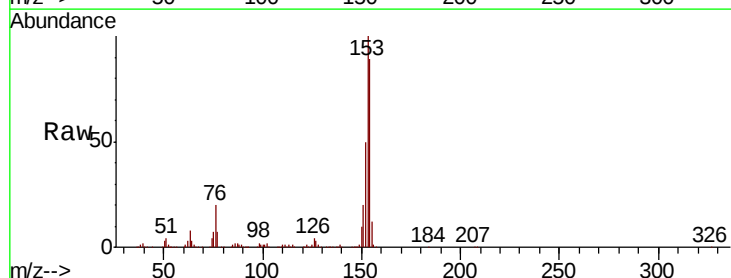
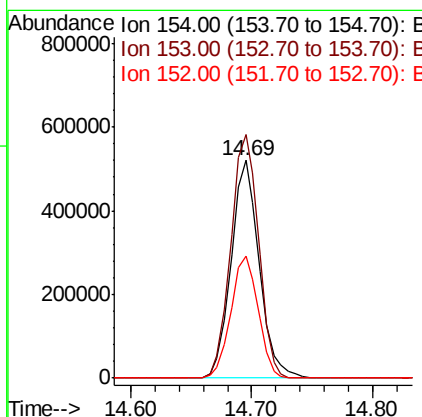
Manual Integrations
 APPROVED

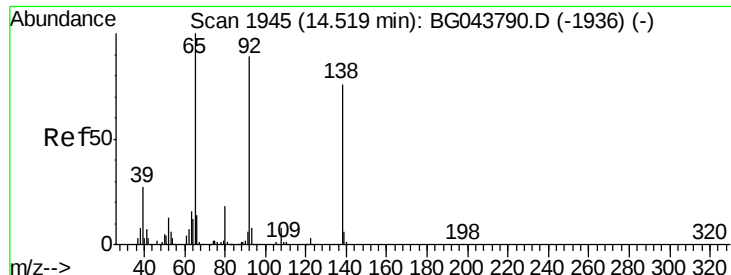
mohammad
 12/10/2019 11:50:58 AM



#52
 Acenaphthene
 Concen: 37.949 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	56.2	45.0	67.4





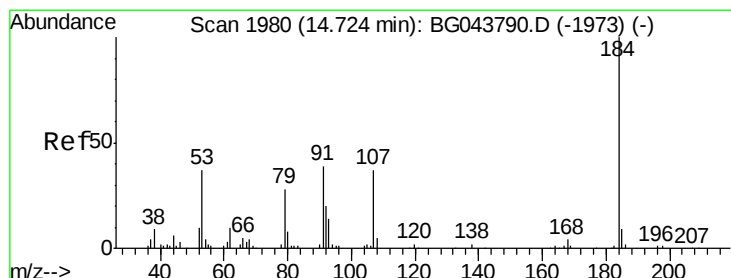
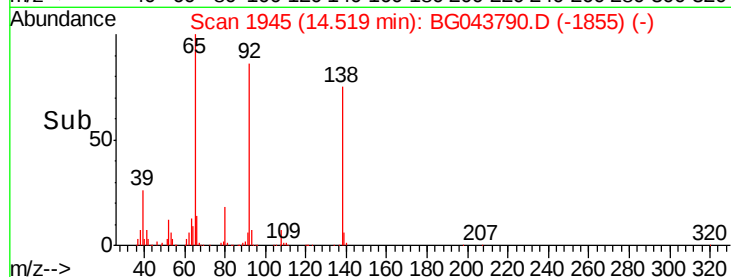
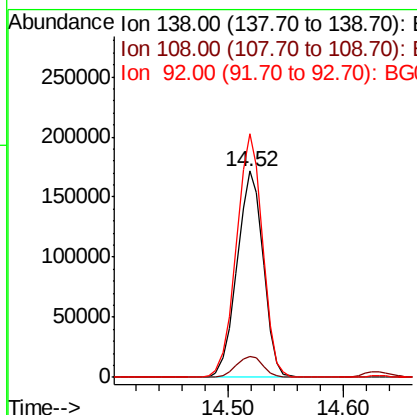
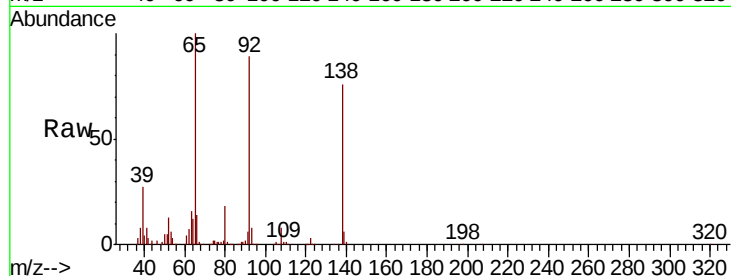
#53
3-Nitroaniline
Concen: 40.239 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	118.2	94.6	141.8

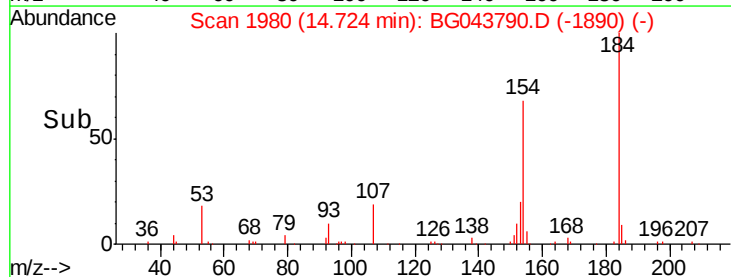
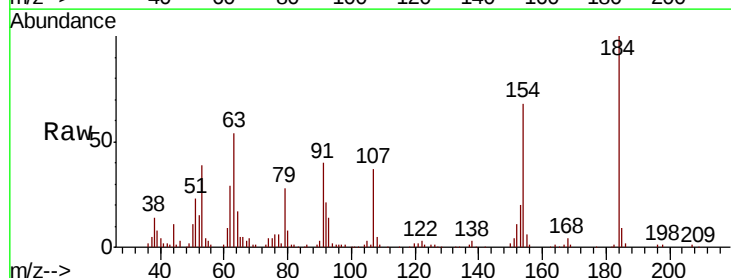
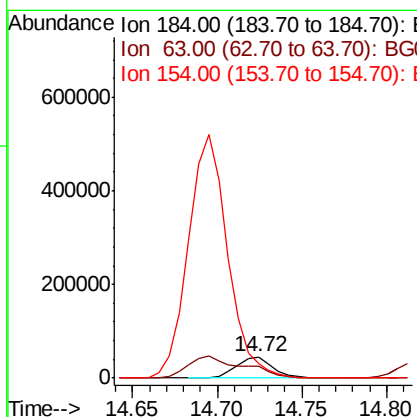
Manual Integrations
APPROVED

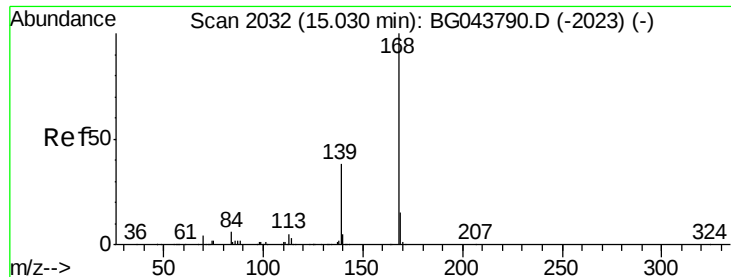
mohammad
12/10/2019 11:50:58 AM



#54
2,4-Dinitrophenol
Concen: 29.476 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	43.4	65.0
154	68.5	54.8	82.2





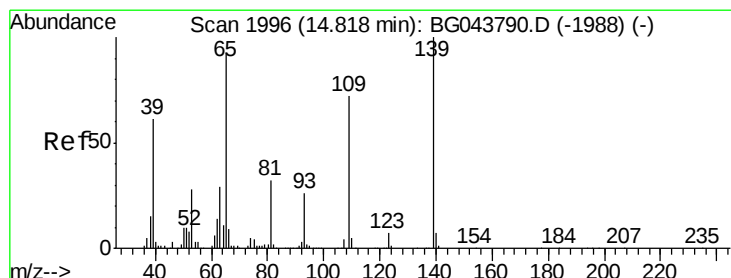
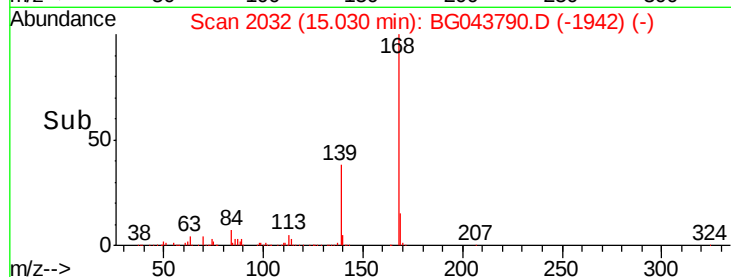
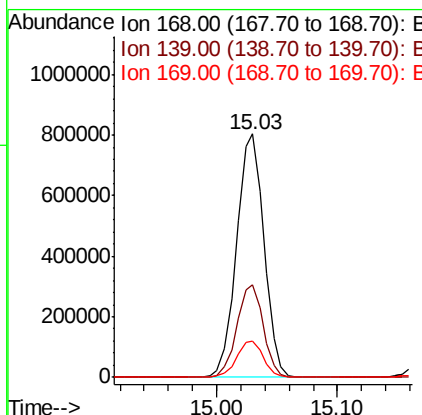
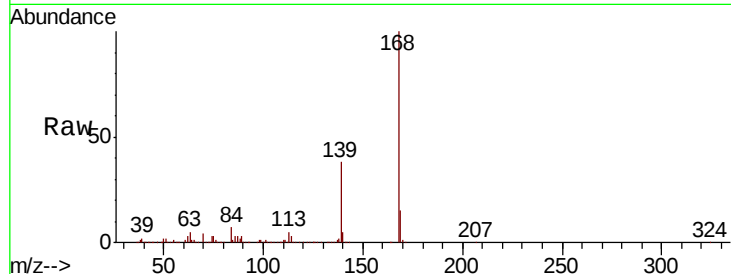
#55
Dibenzofuran
Concen: 36.714 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.4	45.6
169	15.0	12.0	18.0

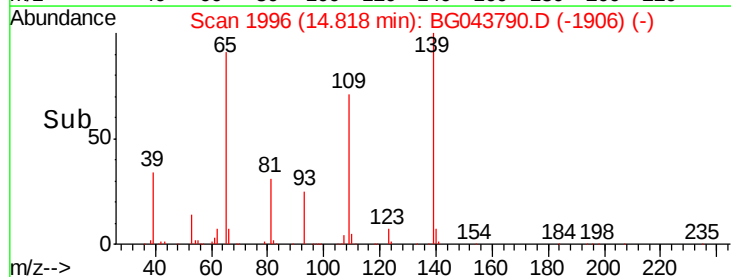
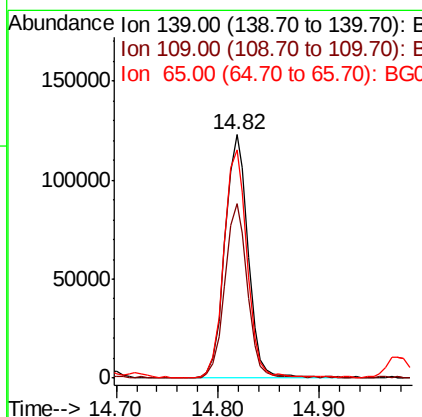
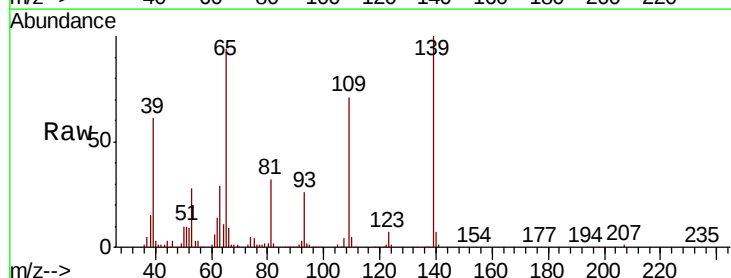
Manual Integrations
APPROVED

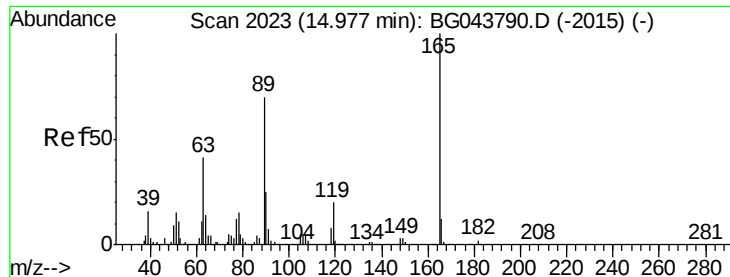
mohammad
12/10/2019 11:50:58 AM



#56
4-Nitrophenol
Concen: 34.628 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	51.5	91.5
65	93.7	73.7	113.7





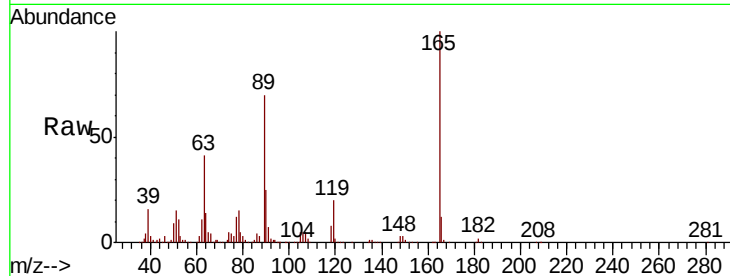
#57
2,4-Dinitrotoluene
Concen: 39.731 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

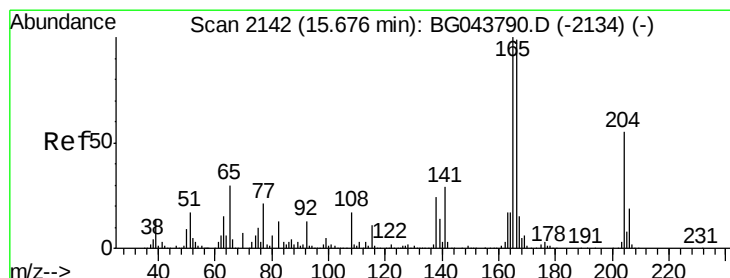
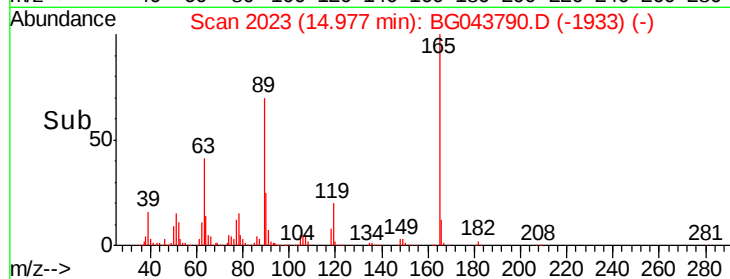
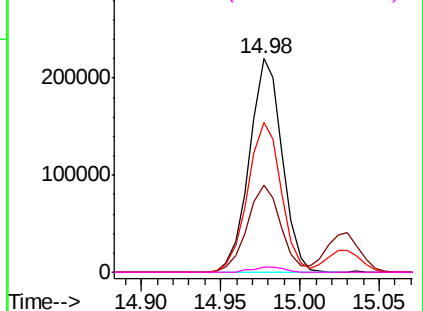
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		315953		
63	40.9	32.7	49.1		
89	70.1	56.1	84.1		
182	2.5	2.0	3.0		

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

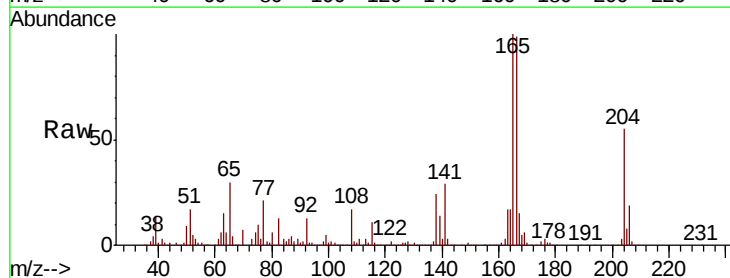


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

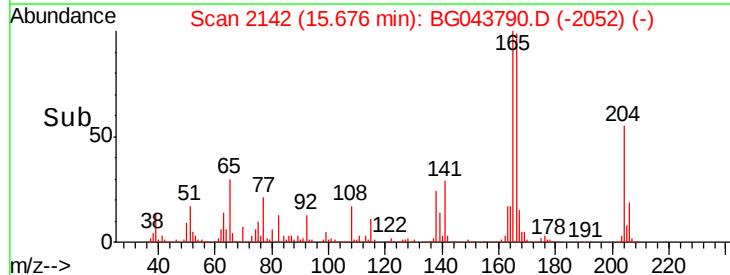
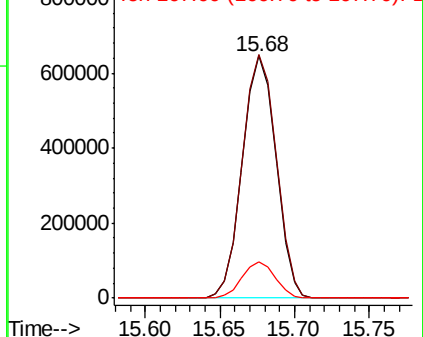


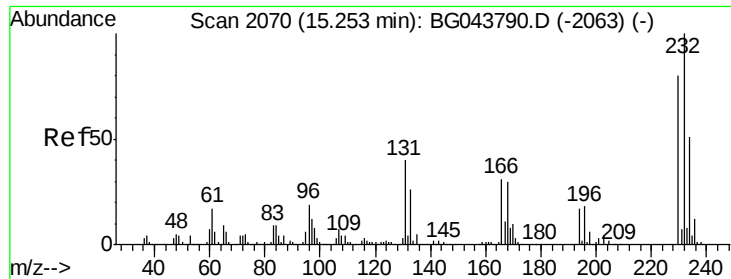
#58
Fluorene
Concen: 35.694 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1010963		
165	100.6	80.5	120.7		
167	15.1	12.1	18.1		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





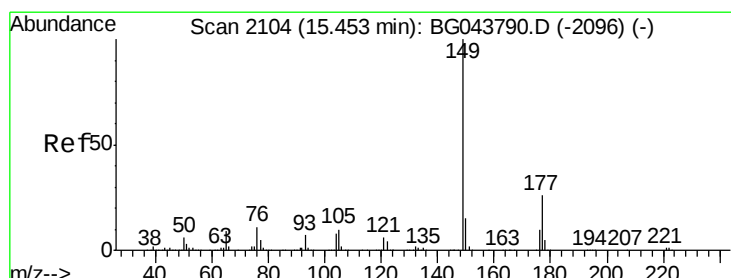
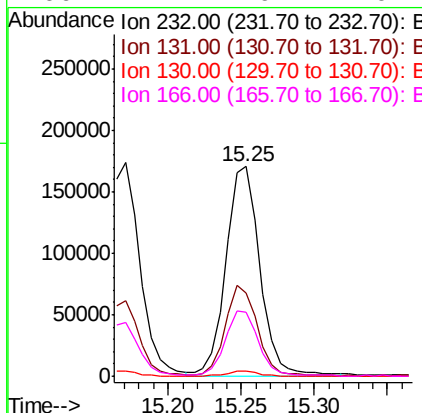
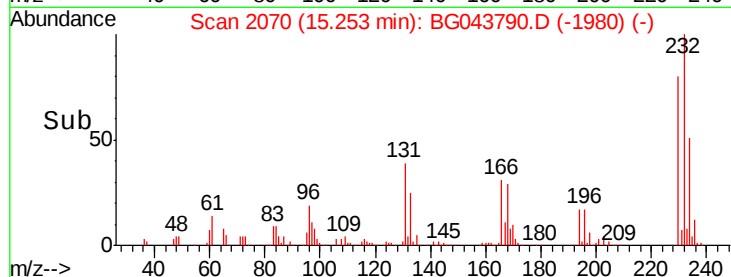
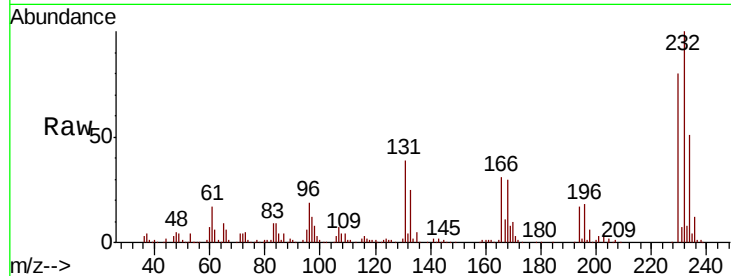
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.160 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.9	27.9	41.9
130	2.3	1.8	2.8
166	24.2	19.4	29.2

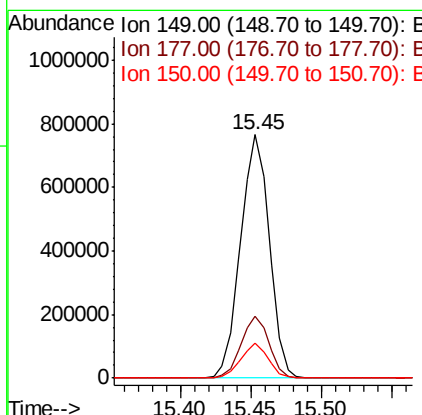
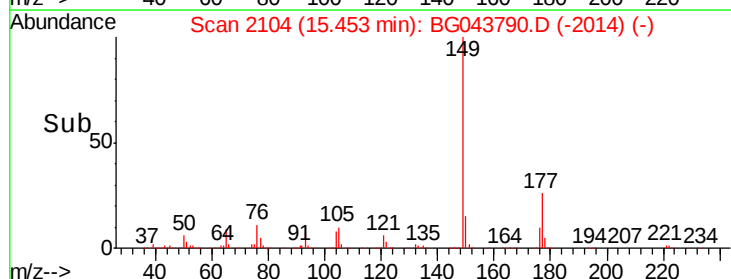
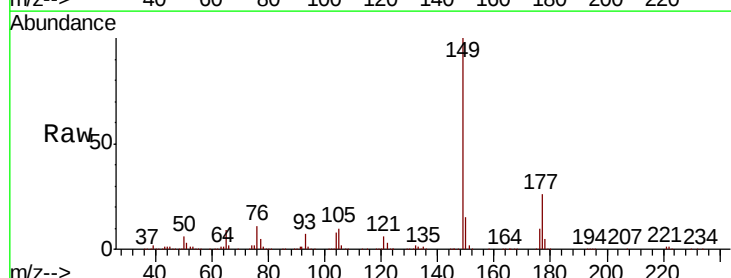
Manual Integrations
 APPROVED

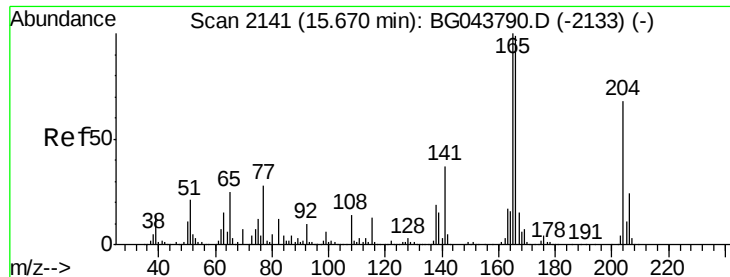
mohammad
 12/10/2019 11:50:58 AM



#60
 Diethylphthalate
 Concen: 33.776 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.4	30.6
150	14.5	11.6	17.4





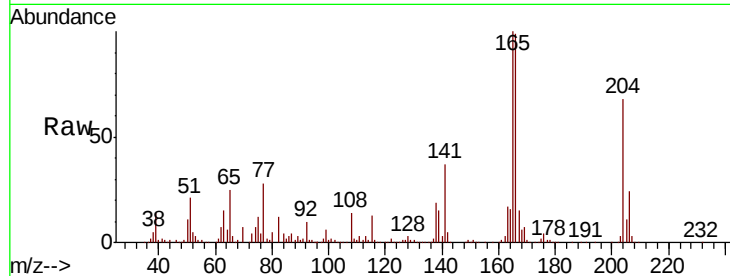
#61
 4-Chlorophenyl-phenylether
 Concen: 35.738 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

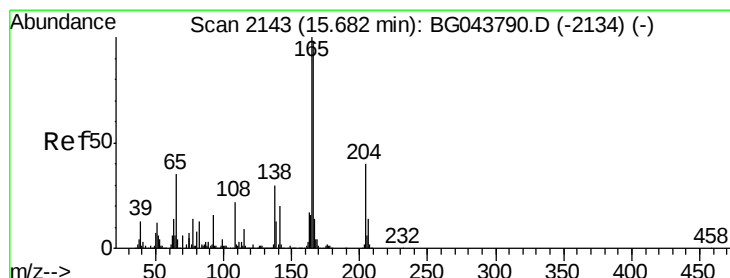
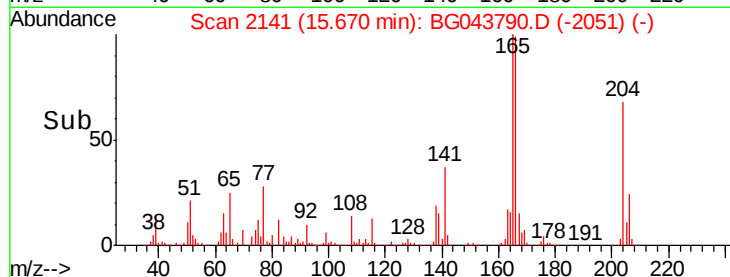
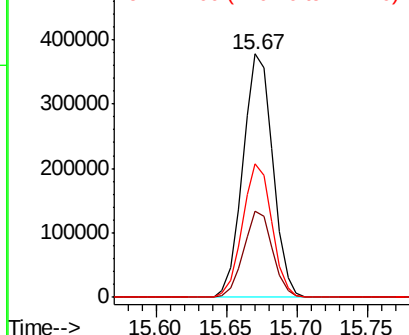
Tot Ion	Ratio	Resp	Lower	Upper
204	100	557291		
206	35.1	28.1	42.1	
141	55.1	44.1	66.1	

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:58 AM

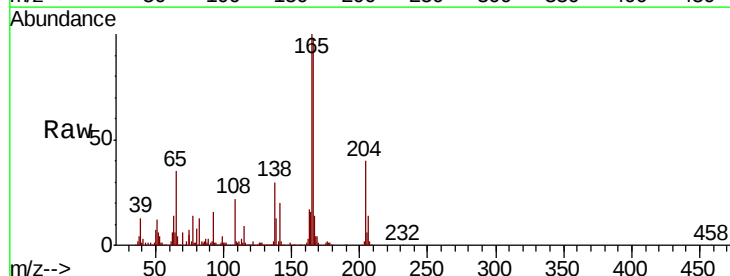


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

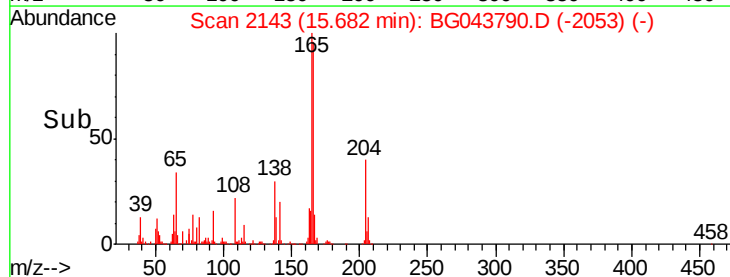
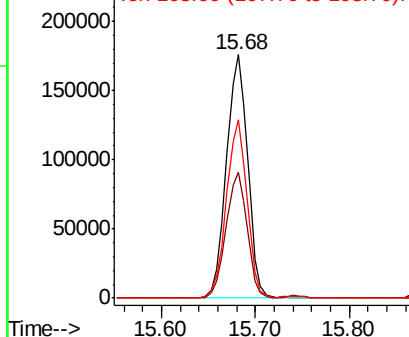


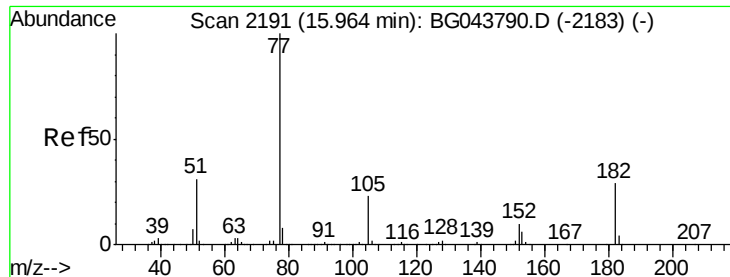
#62
 4-Nitroaniline
 Concen: 35.974 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	276283		
92	51.5	31.5	71.5	
108	73.1	53.1	93.1	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





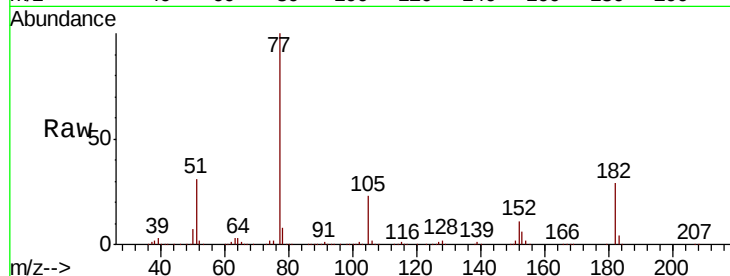
#63
Azobenzene
Concen: 34.645 ng
RT: 15.96 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.9	2.9	42.9
51	30.6	10.6	50.6

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



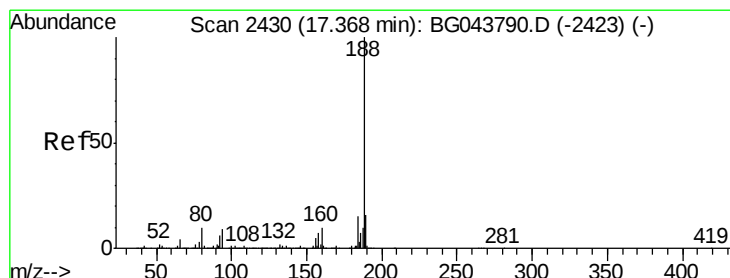
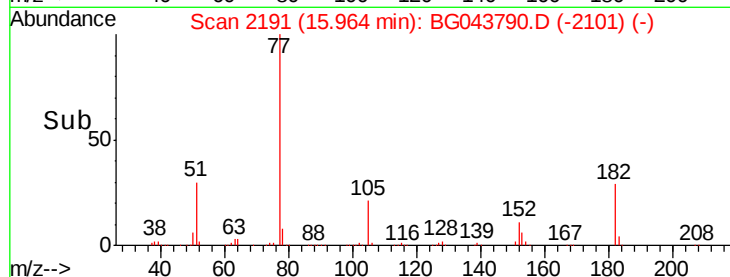
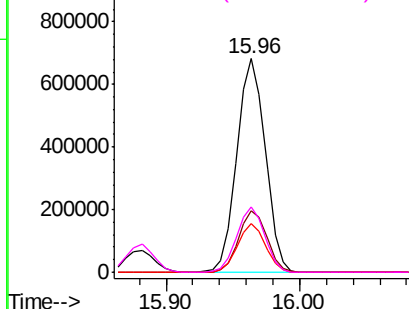
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

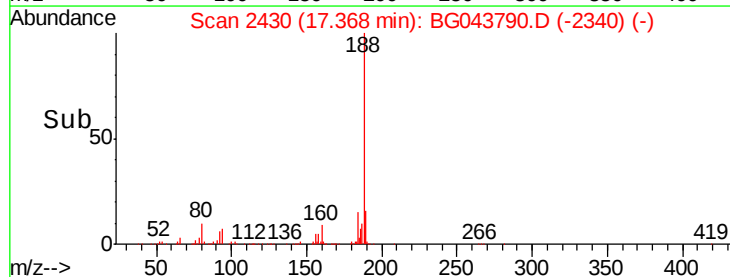
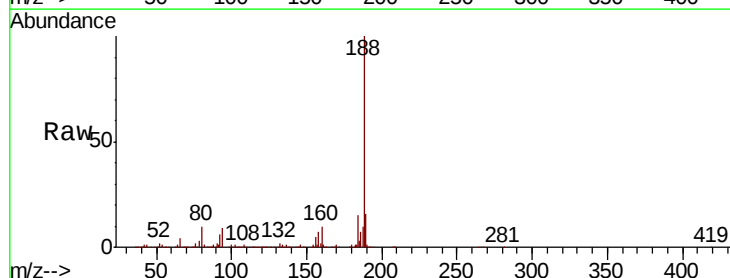
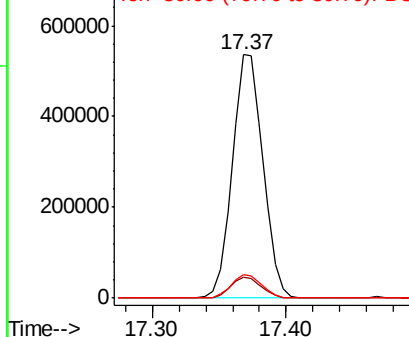
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.8	7.8	11.8

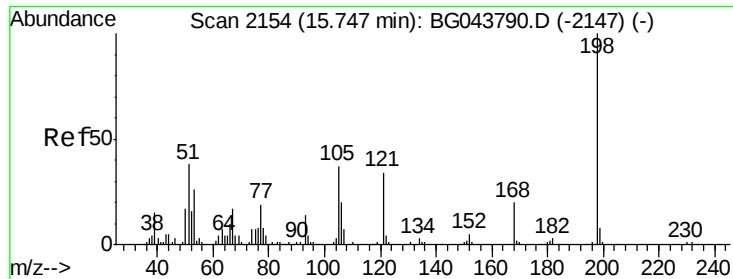
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.539 ng

RT: 15.75 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

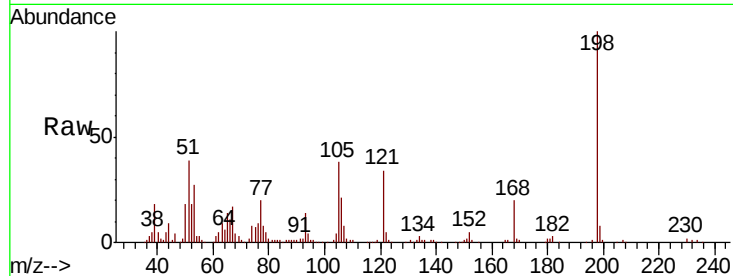
ClientSampleId :

SSTDICCC040

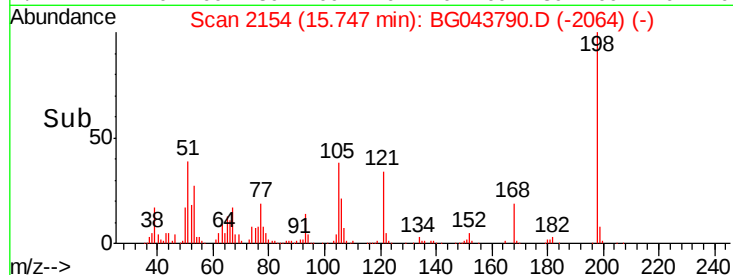
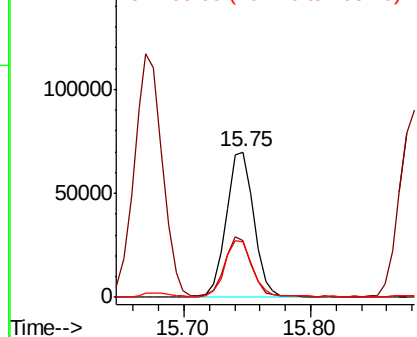
Tot Ion:	198	Resp:	105722
Ion Ratio	Lower	Upper	
198	100		
51	38.9	18.9	58.9
105	38.1	18.1	58.1

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



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: 41.057 ng

RT: 15.88 min Scan# 2177

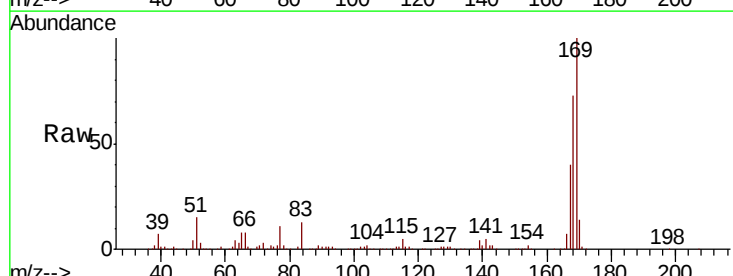
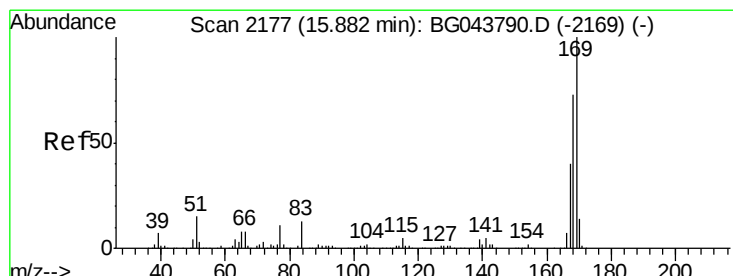
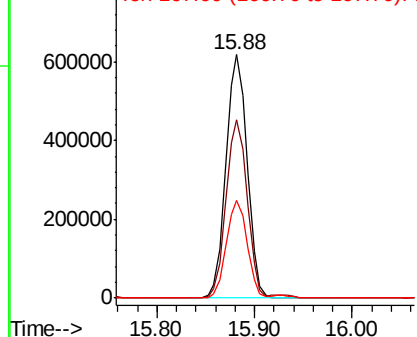
Delta R.T. 0.00 min

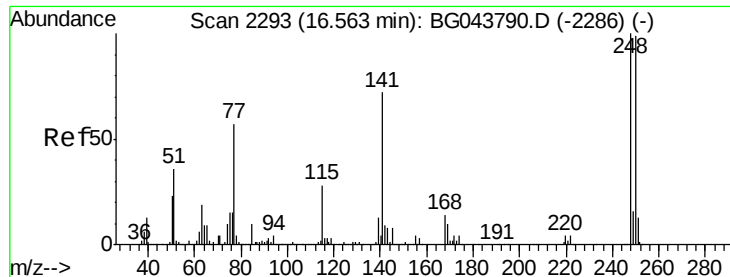
Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	169	Resp:	926899
Ion Ratio	Lower	Upper	
169	100		
168	73.1	58.5	87.7
167	40.1	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





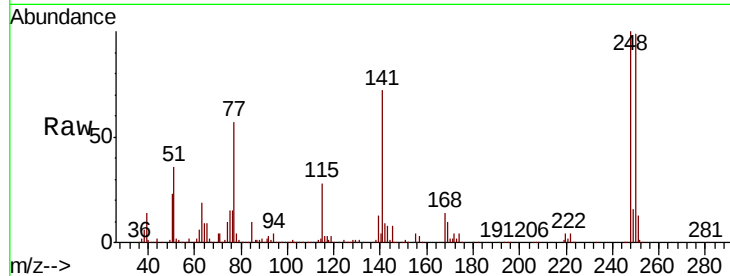
#67
 4-Bromophenyl-phenylether
 Concen: 39.113 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

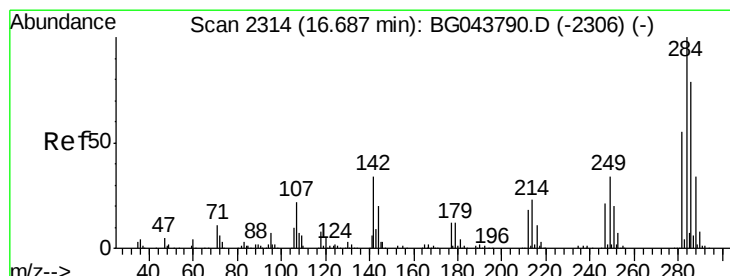
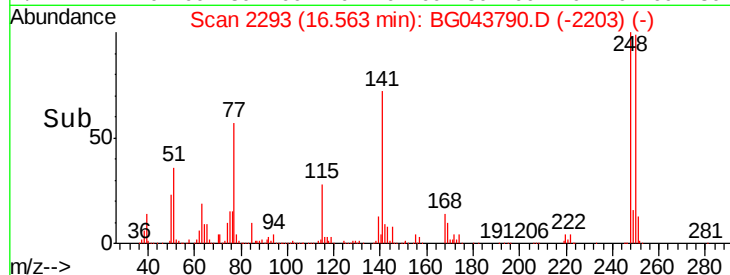
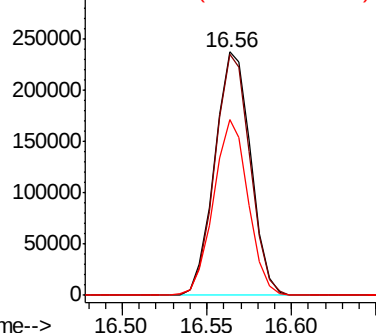
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.0	118.6
141	72.2	57.8	86.6

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:58 AM

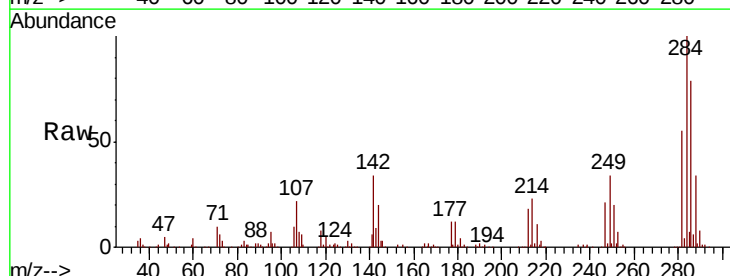


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

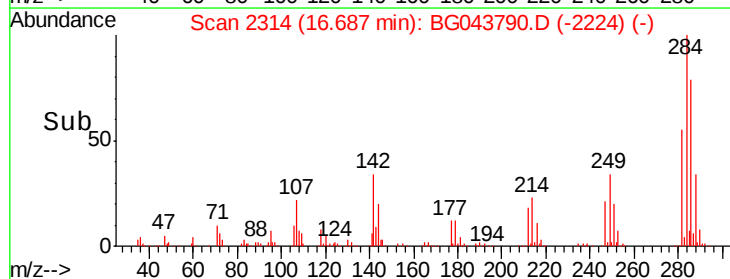
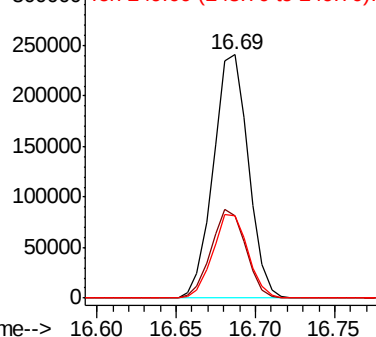


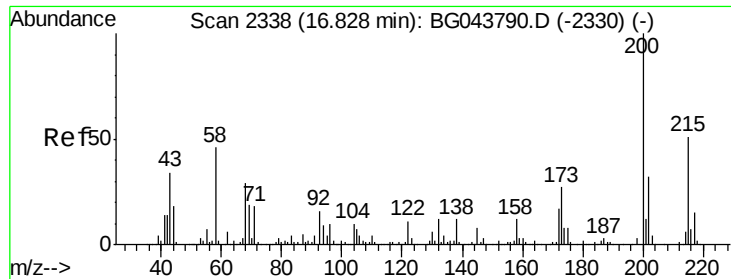
#68
 Hexachlorobenzene
 Concen: 37.619 ng
 RT: 16.69 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.0	40.6
249	34.0	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





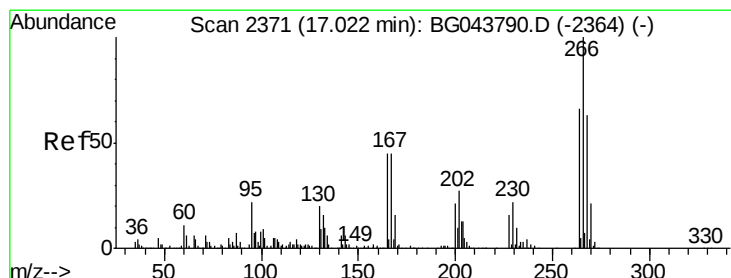
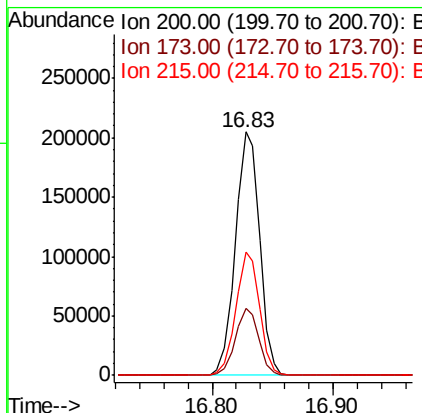
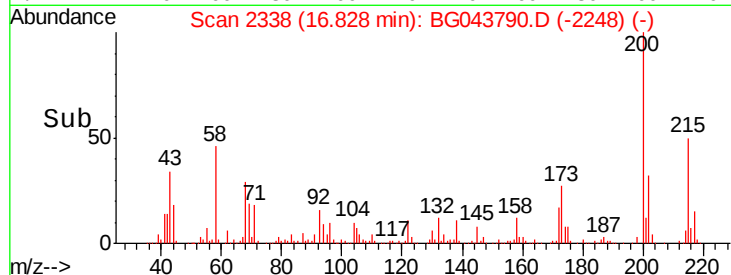
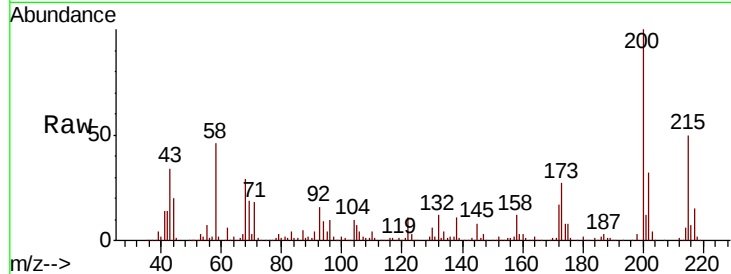
#69
Atrazine
Concen: 31.677 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	50.5	30.5	70.5

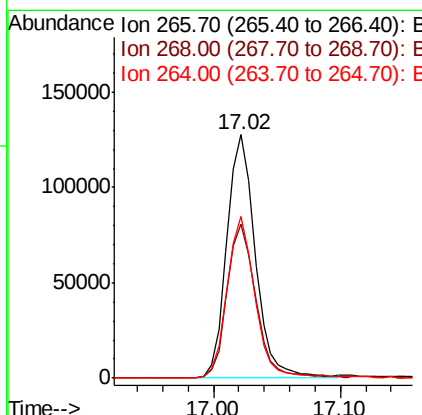
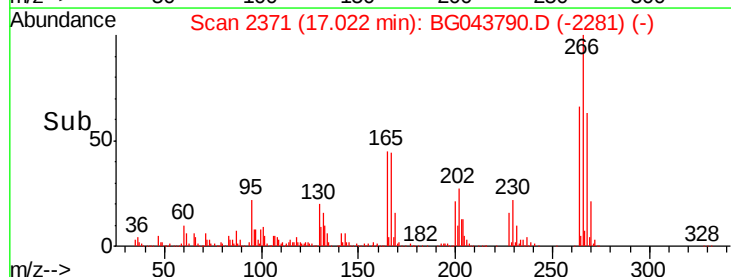
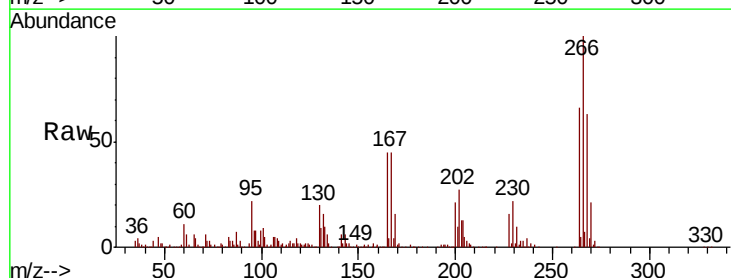
Manual Integrations
APPROVED

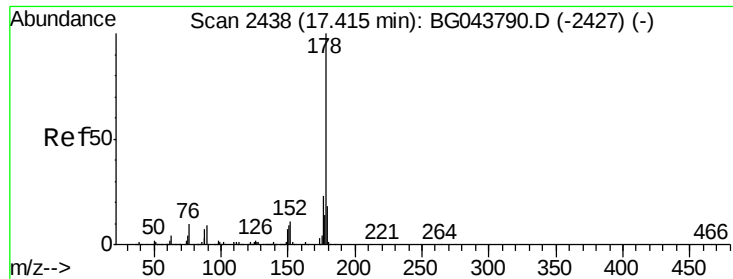
mohammad
12/10/2019 11:50:58 AM



#70
Pentachlorophenol
Concen: 33.246 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.8	76.2
264	66.2	53.0	79.4





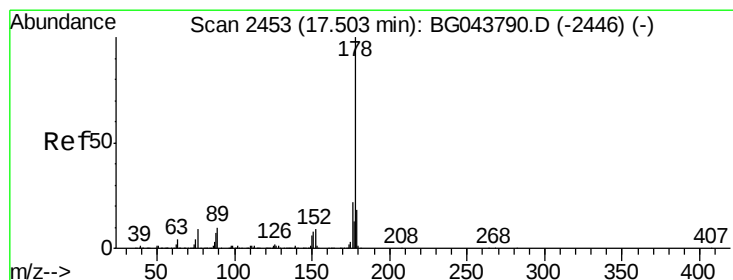
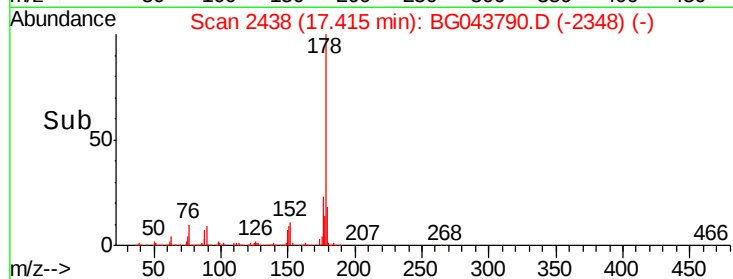
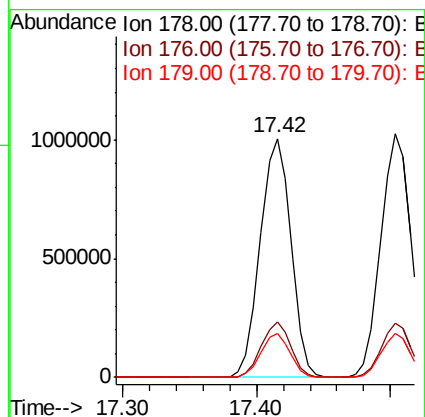
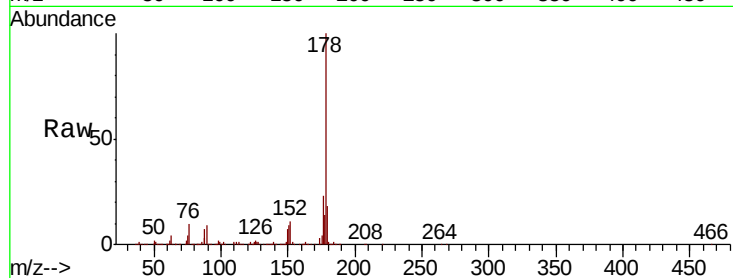
#71
Phenanthrene
Concen: 37.919 ng
RT: 17.42 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.2	18.6	27.8
179	18.4	14.7	22.1

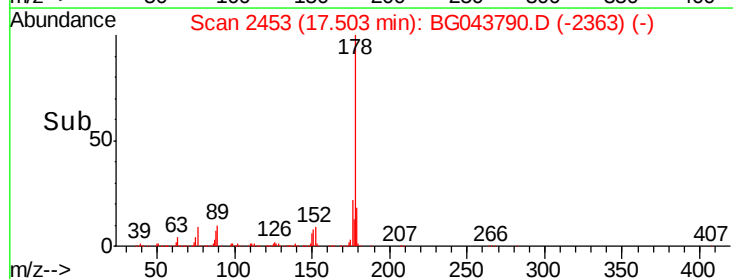
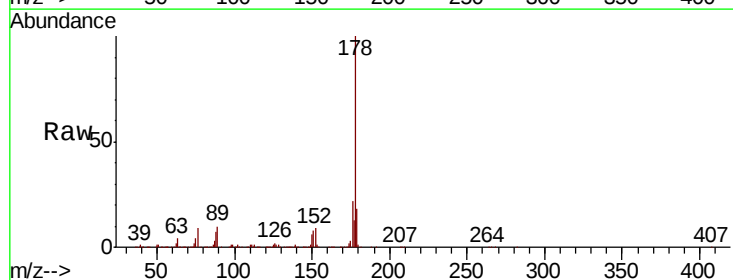
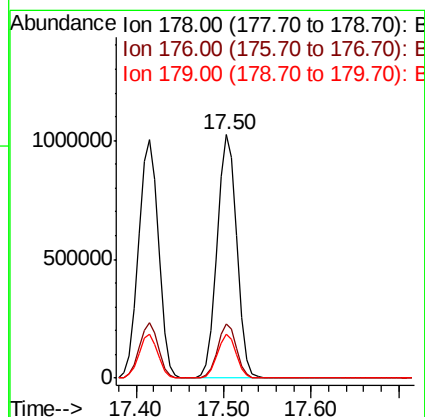
Manual Integrations
APPROVED

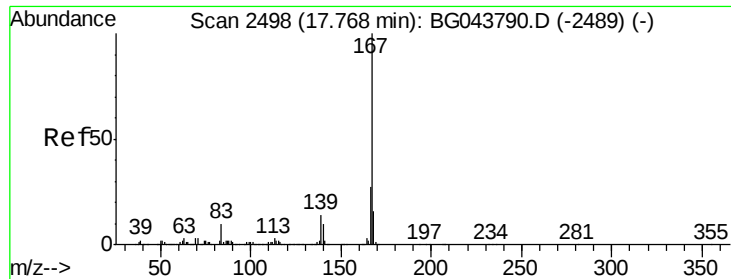
mohammad
12/10/2019 11:50:58 AM



#72
Anthracene
Concen: 37.439 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	17.7	26.5
179	18.1	14.5	21.7





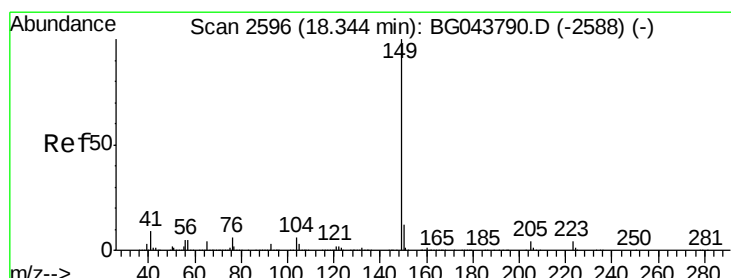
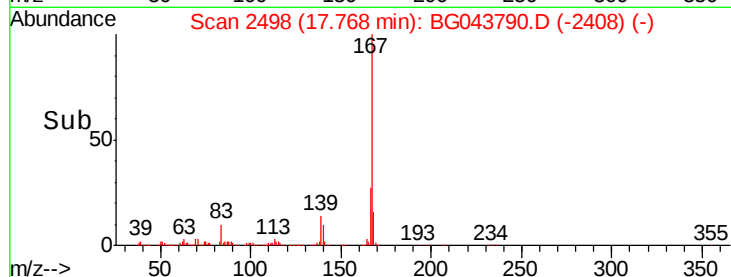
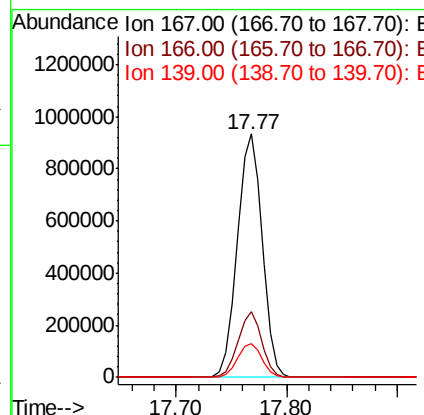
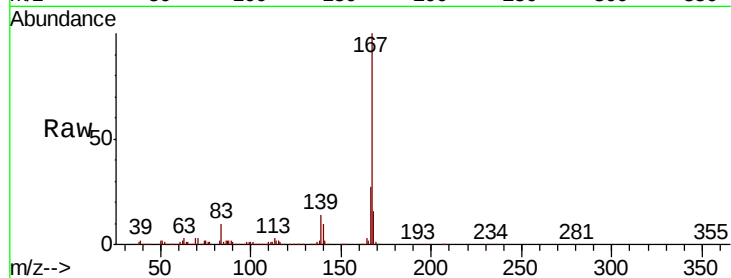
#73
 Carbazole
 Concen: 34.965 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.8	21.4	32.2
139	13.7	11.0	16.4

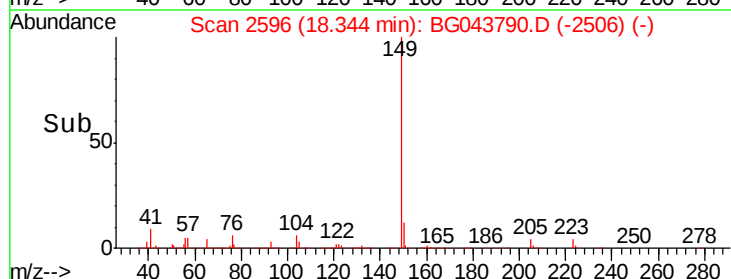
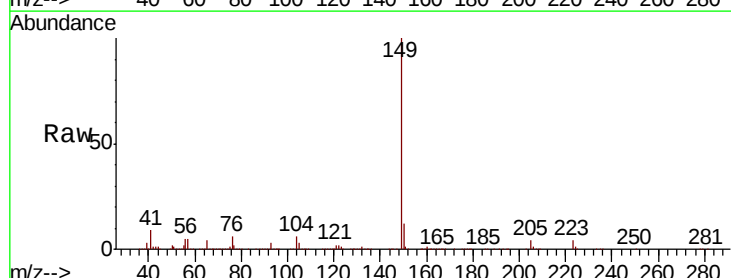
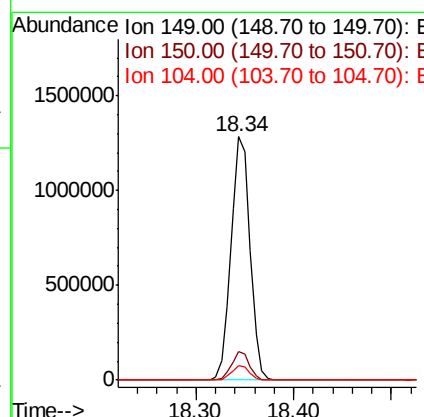
Manual Integrations
 APPROVED

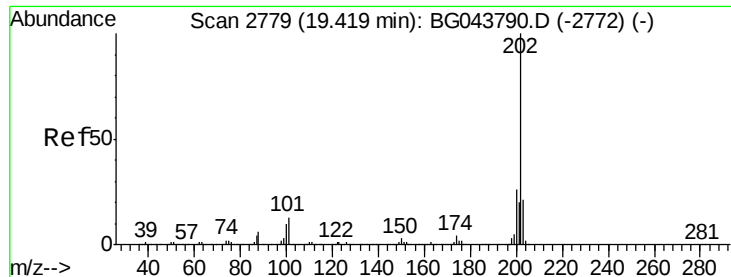
mohammad
 12/10/2019 11:50:58 AM



#74
 Di-n-butylphthalate
 Concen: 31.975 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.7	9.4	14.0
104	6.0	4.8	7.2





#75

Fluoranthene

Concen: 30.518 ng

RT: 19.42 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

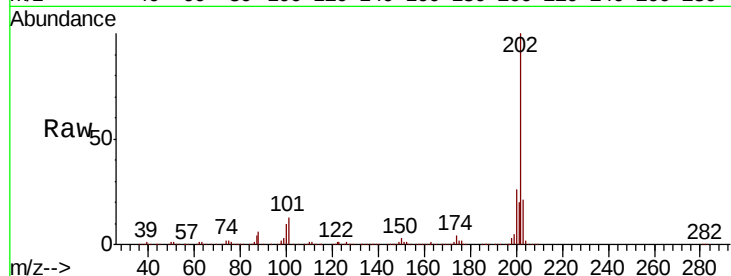
ClientSampleId :

SSTDICCC040

Tot Ion:	202	Resp:	1846951
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.7
203	21.0	1.0	41.0

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

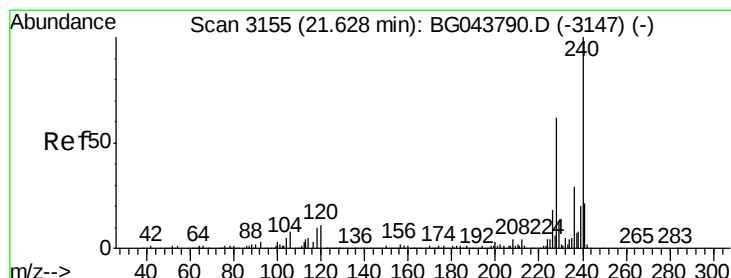
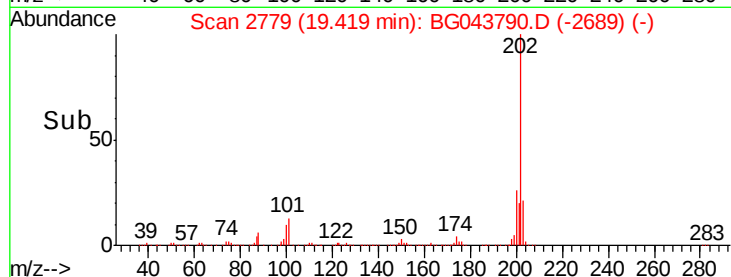
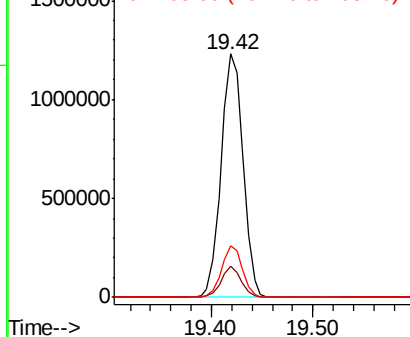


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

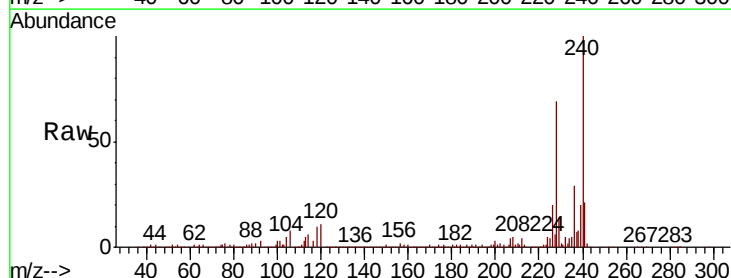
RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	240	Resp:	704578
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	12.8
236	28.9	23.1	34.7

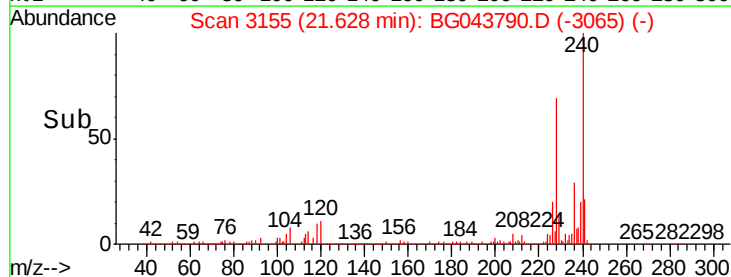
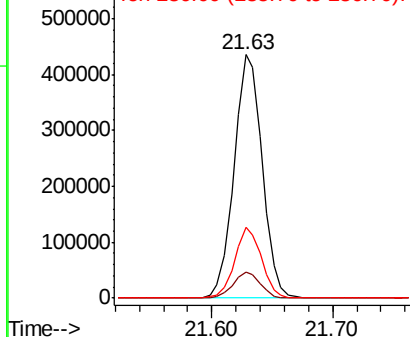


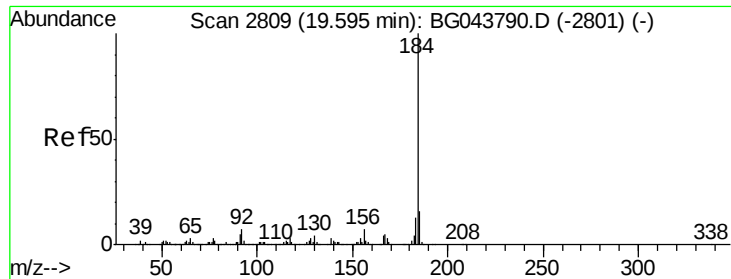
Abundance

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: 34.216 ng

RT: 19.60 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

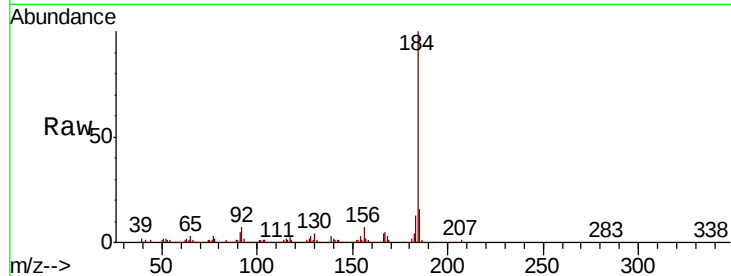
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	12.9	10.3	15.5

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

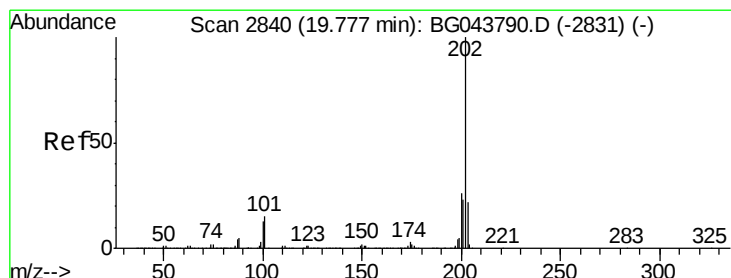
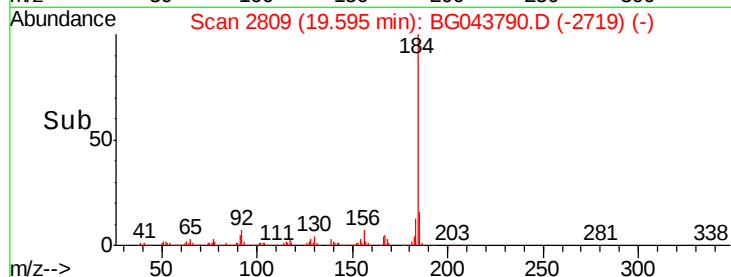
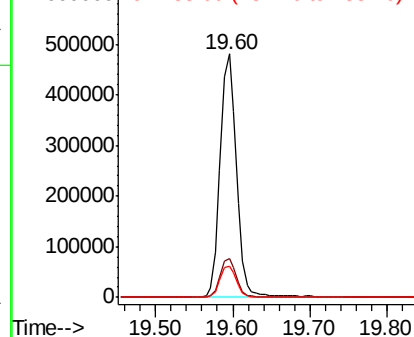


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.674 ng

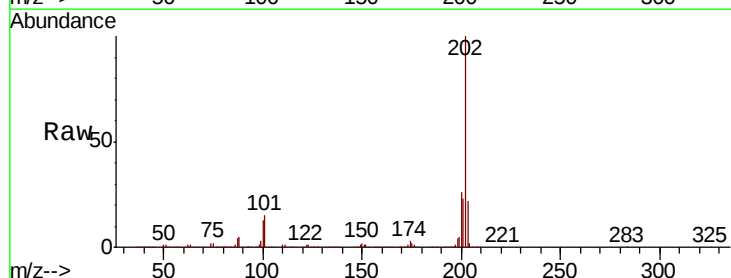
RT: 19.78 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.0	20.8	31.2
203	22.1	17.7	26.5

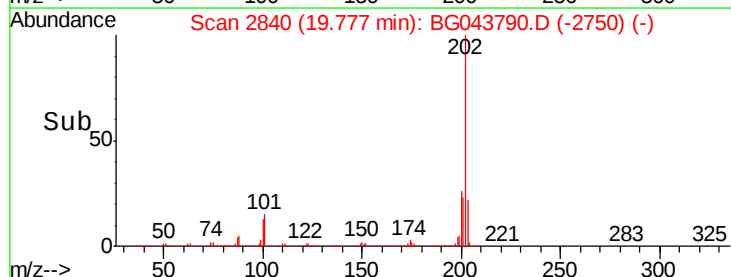
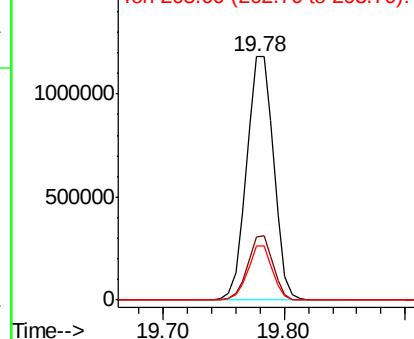


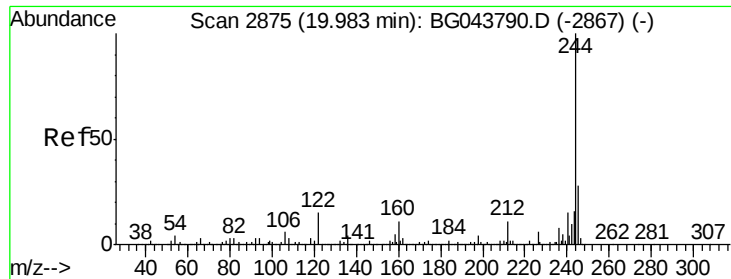
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.495 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:244 Resp: 2416379

Ion Ratio Lower Upper

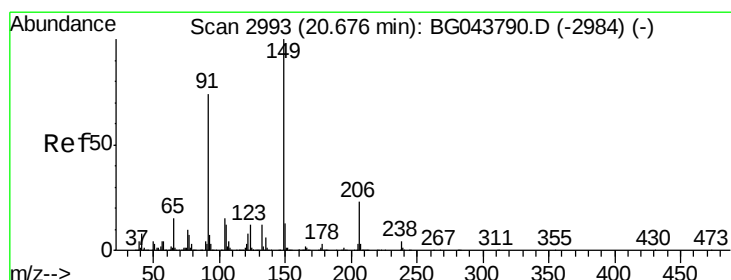
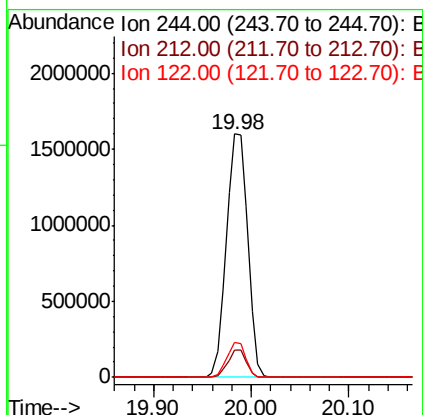
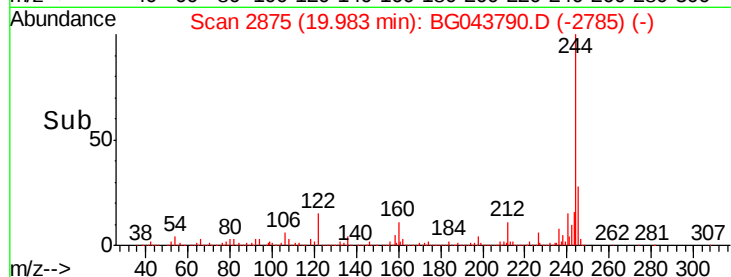
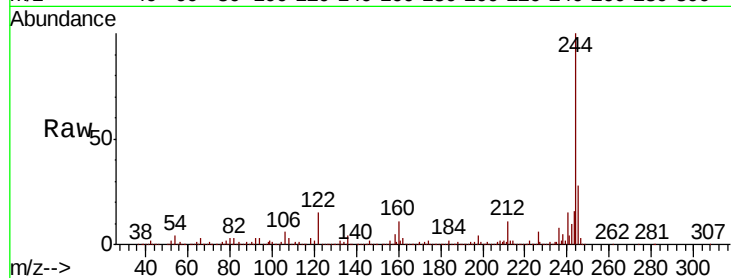
244 100

212 11.4 9.1 13.7

122 14.5 11.6 17.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#80

Butylbenzylphthalate

Concen: 37.125 ng

RT: 20.68 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

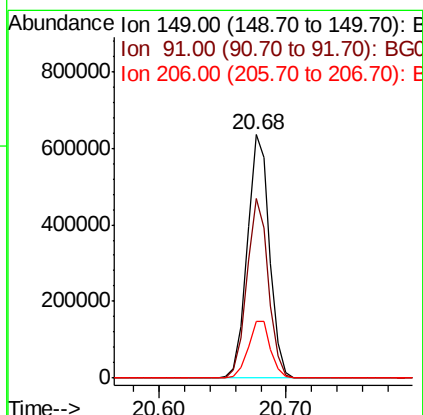
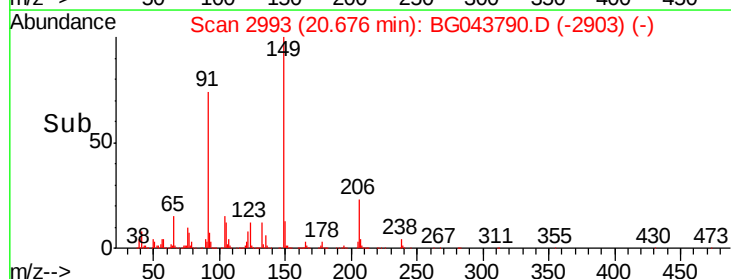
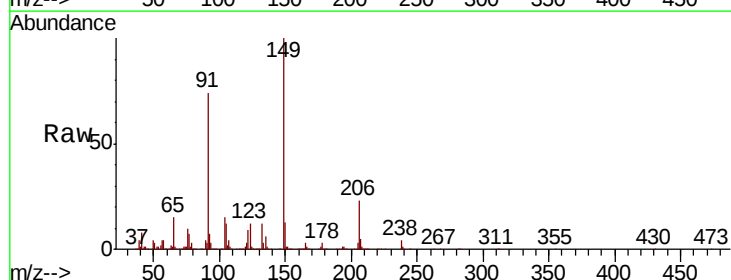
Tgt Ion:149 Resp: 769029

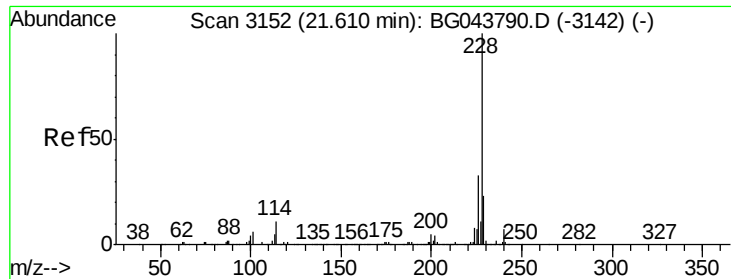
Ion Ratio Lower Upper

149 100

91 73.7 59.0 88.4

206 23.3 18.6 28.0





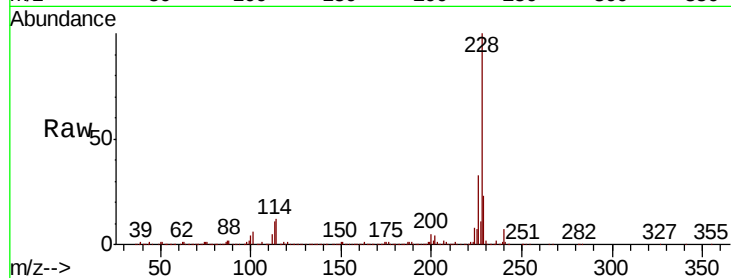
#81
Benzo(a)anthracene
Concen: 37.661 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.1	39.1
229	23.2	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM

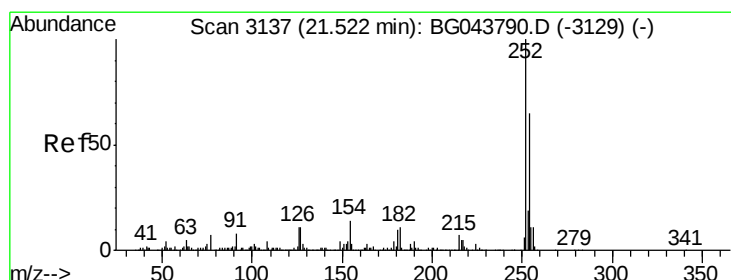
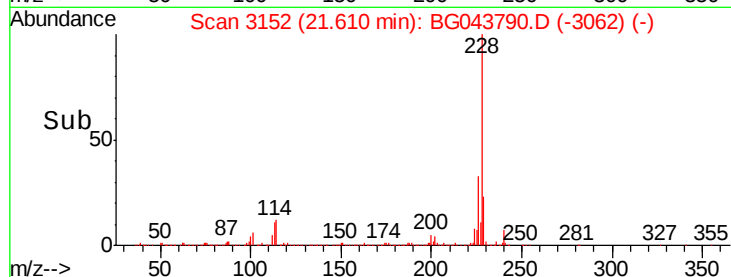
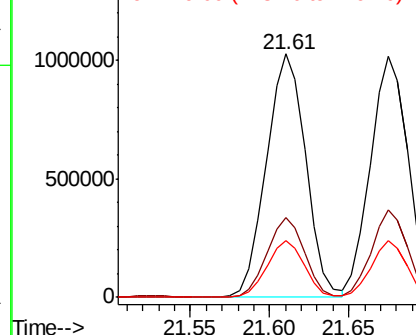


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 36.777 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

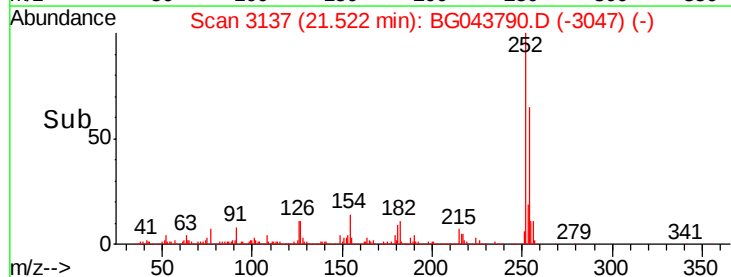
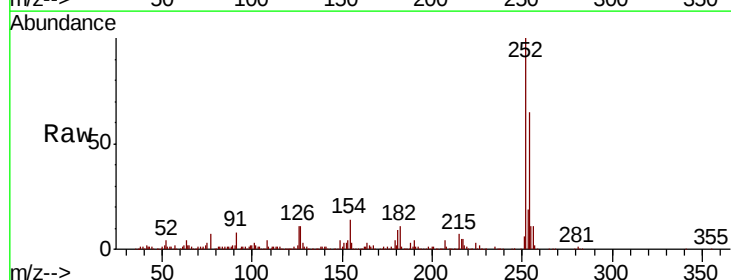
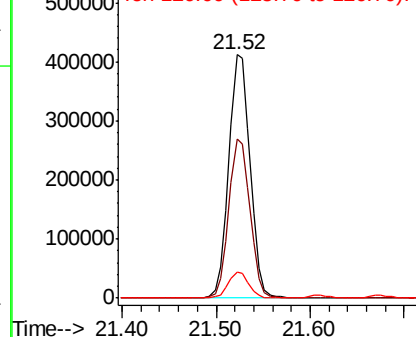
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	10.9	8.7	13.1

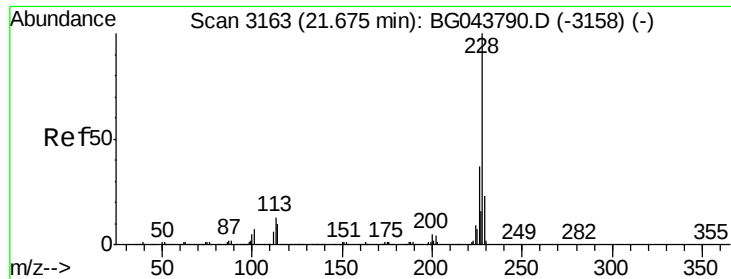
Abundance

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





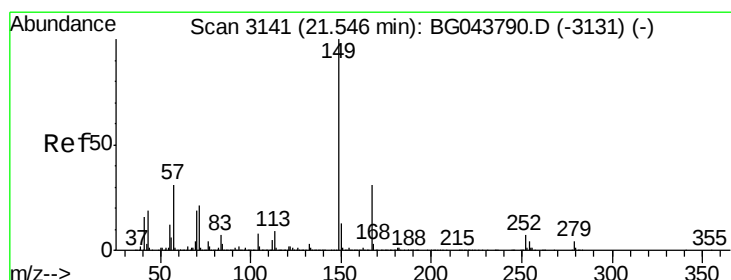
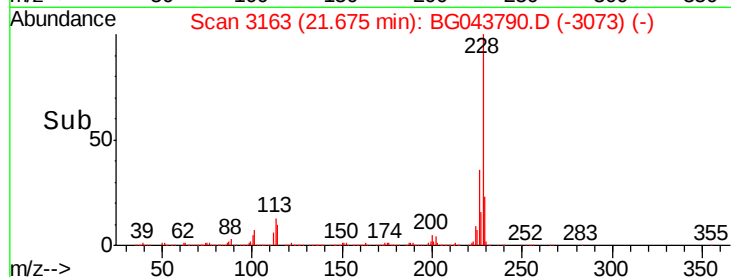
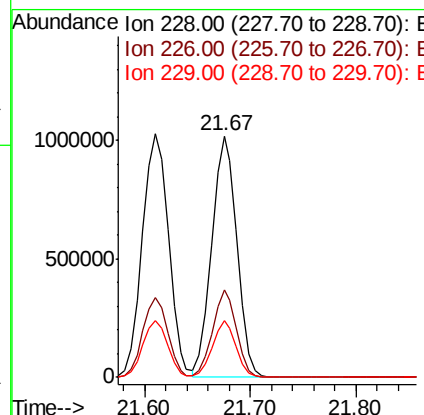
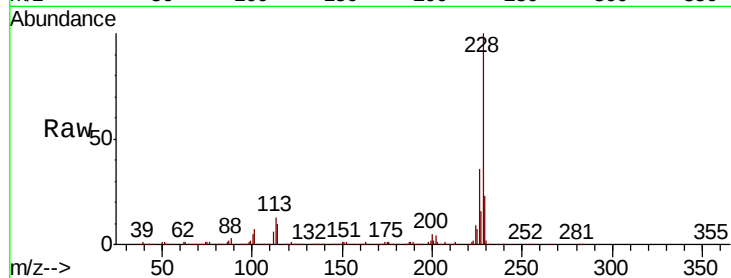
#83
 Chrvsene
 Concen: 37.984 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.4	29.1	43.7
229	23.3	18.6	28.0

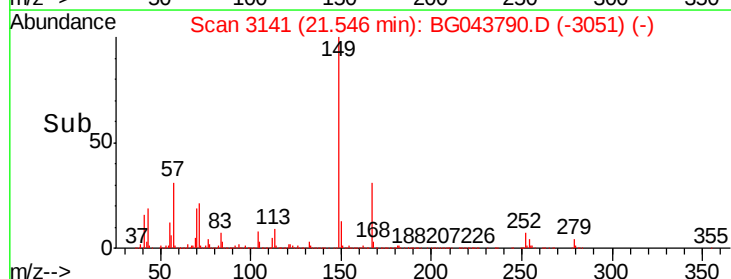
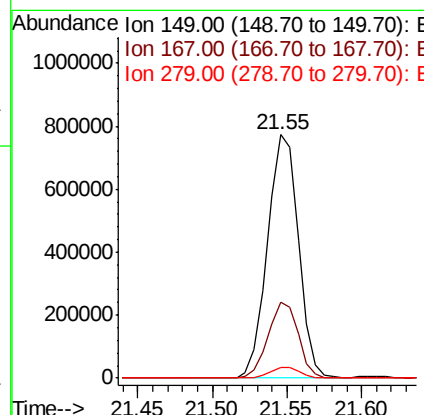
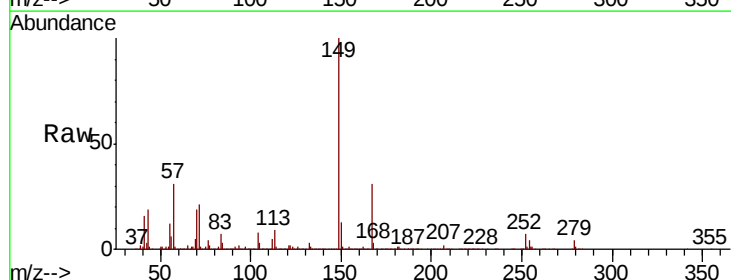
Manual Integrations
 APPROVED

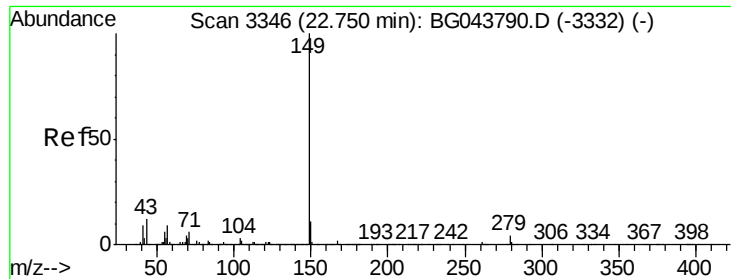
mohammad
 12/10/2019 11:50:58 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.990 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	25.1	37.7
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 39.102 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1848556

Ion Ratio Lower Upper

149 100

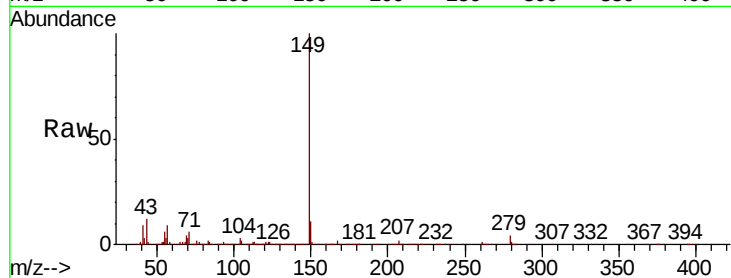
167 1.8 1.4 2.2

43 11.0 8.8 13.2

Manual Integrations
APPROVED

mohammad

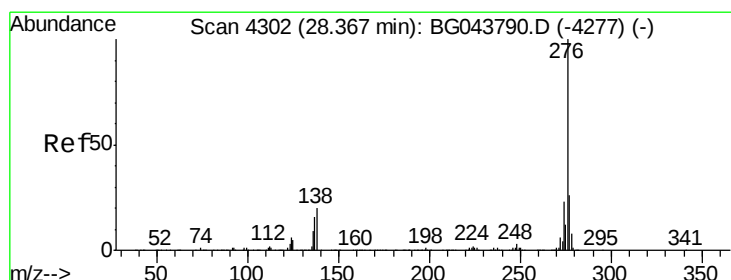
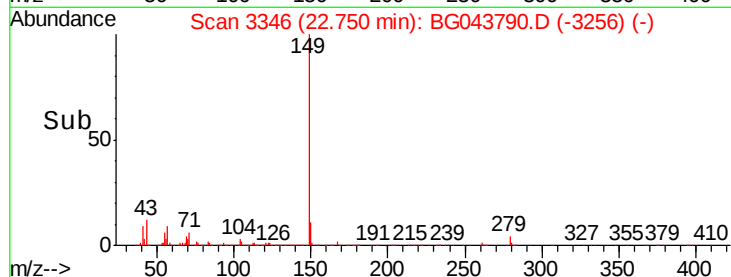
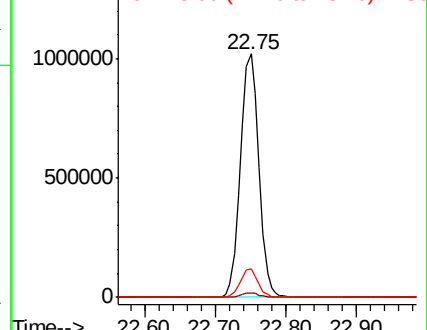
12/10/2019 11:50:58 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.316 ng

RT: 28.37 min Scan# 4302

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

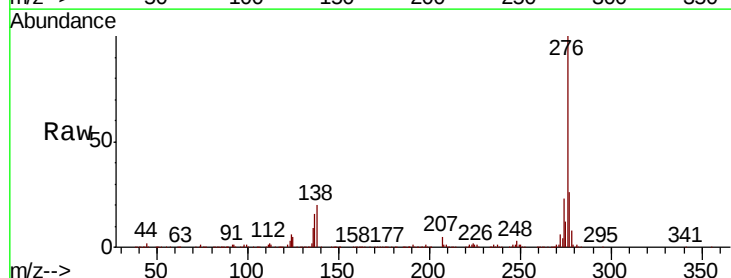
Tgt Ion:276 Resp: 2090257

Ion Ratio Lower Upper

276 100

138 18.2 14.6 21.8

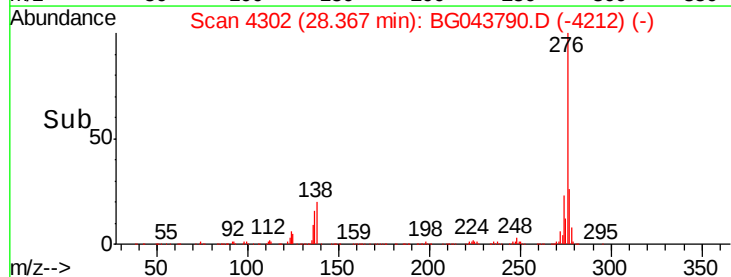
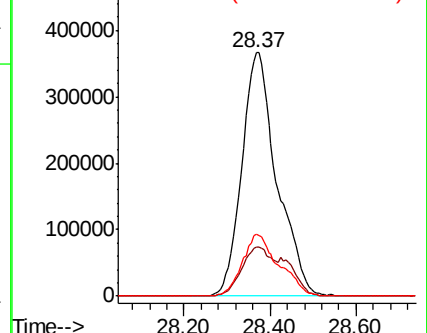
277 26.5 21.2 31.8

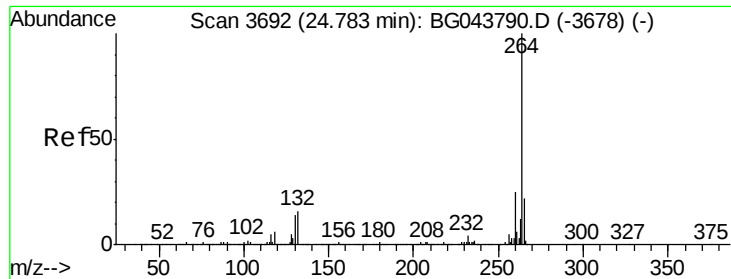


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

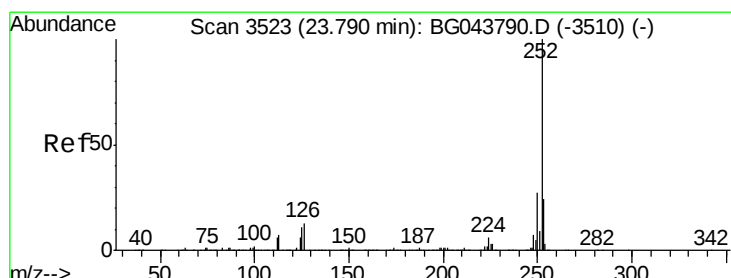
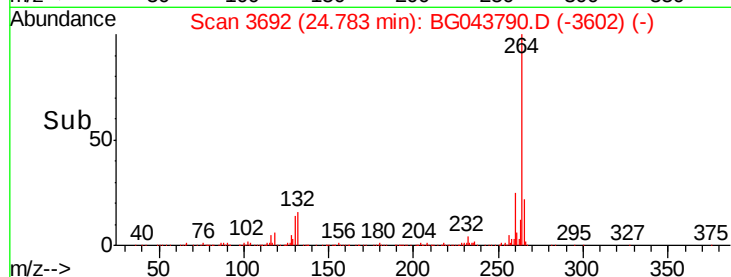
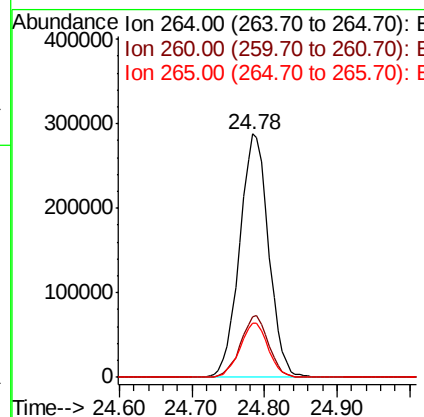
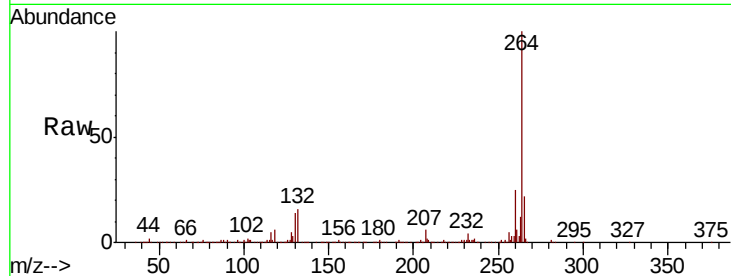
ClientSampleId :

SSTDICCC040

Tot Ion:	264	Resp:	798652
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.8	29.8
265	22.4	17.9	26.9

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:58 AM



#88

Benzo(b)fluoranthene

Concen: 37.084 ng

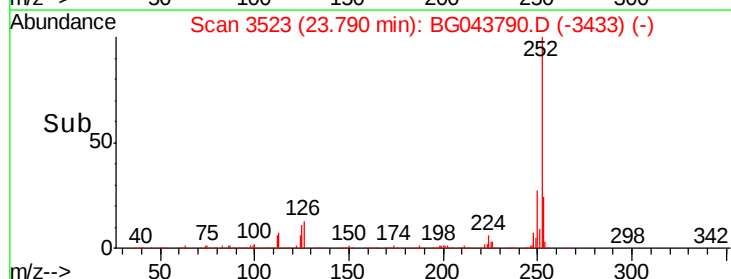
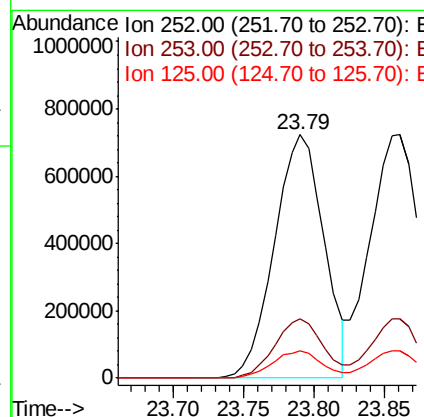
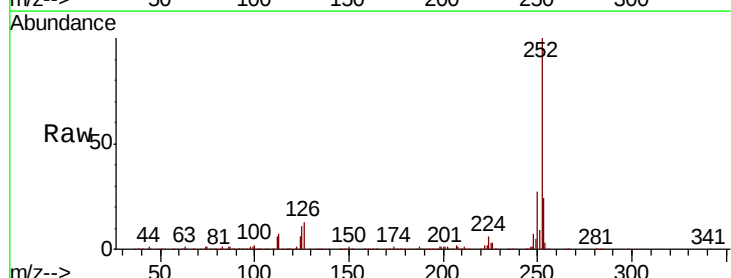
RT: 23.79 min Scan# 3523

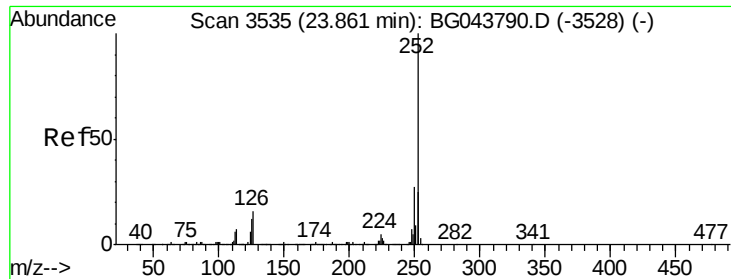
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:	252	Resp:	1768315
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.5	29.3
125	11.2	9.0	13.4





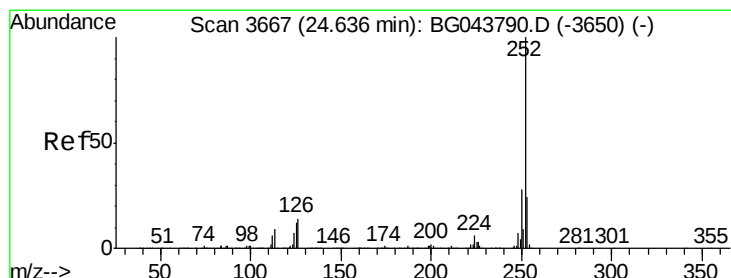
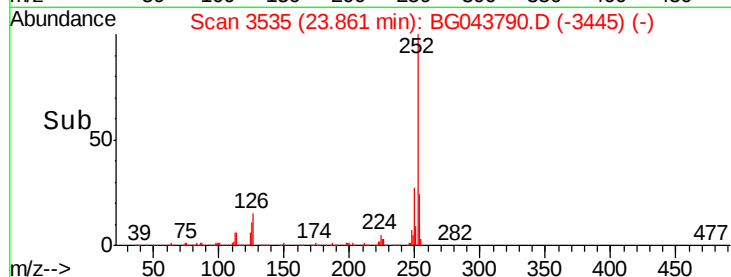
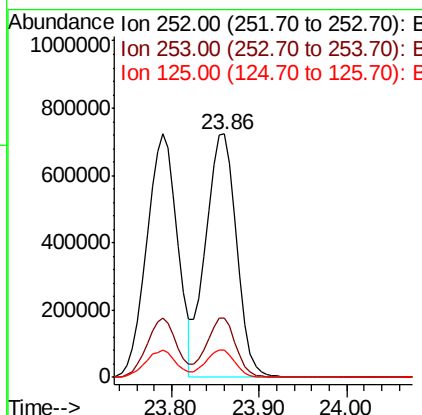
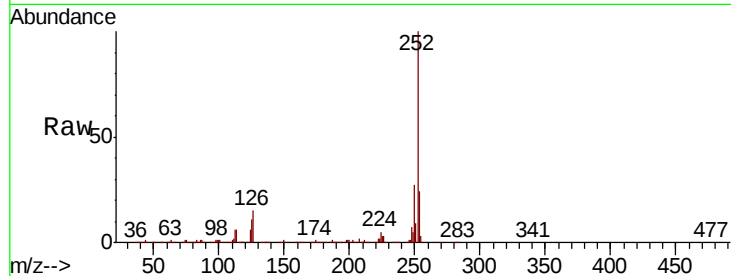
#89
Benzo(k)fluoranthene
Concen: 38.893 ng
RT: 23.86 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.0
125	11.1	8.9	13.3

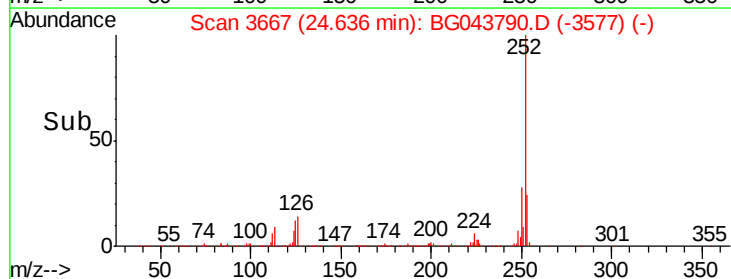
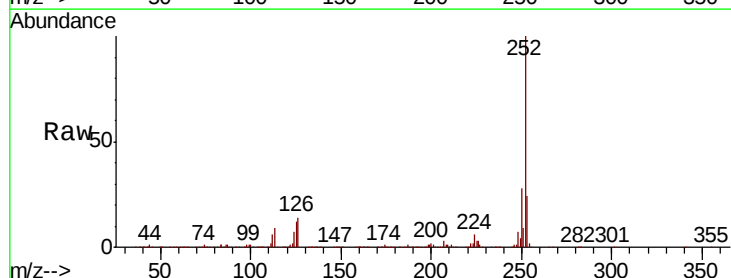
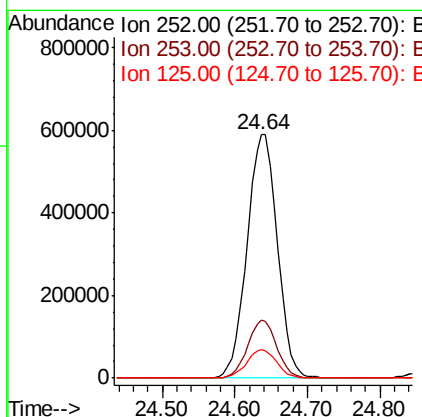
Manual Integrations
APPROVED

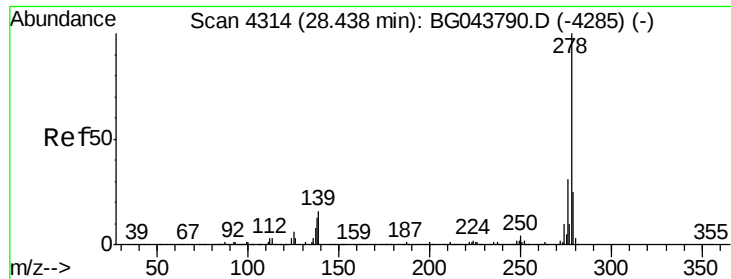
mohammad
12/10/2019 11:50:58 AM



#90
Benzo(a)pyrene
Concen: 38.114 ng
RT: 24.64 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.7	9.4	14.0





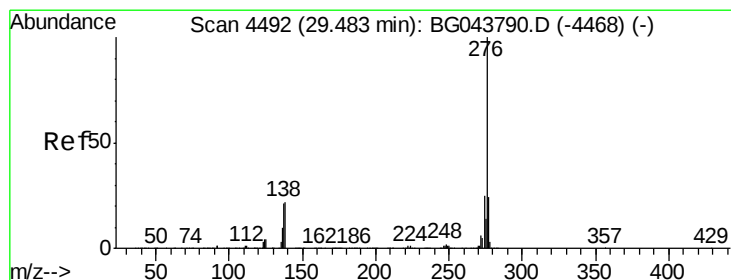
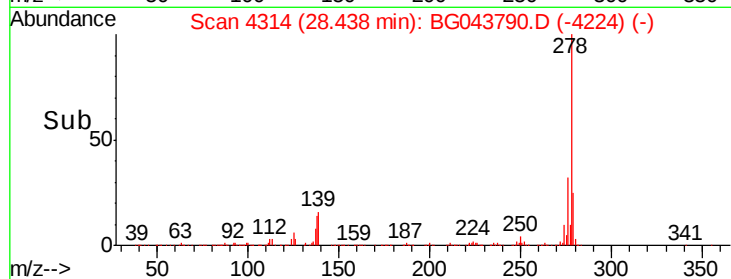
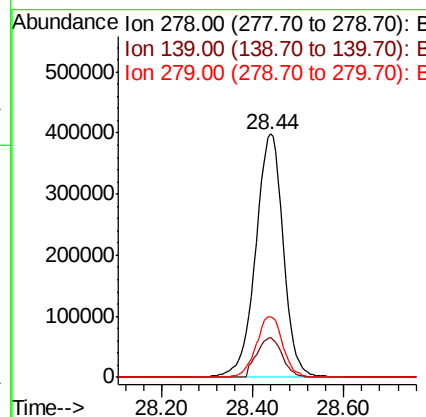
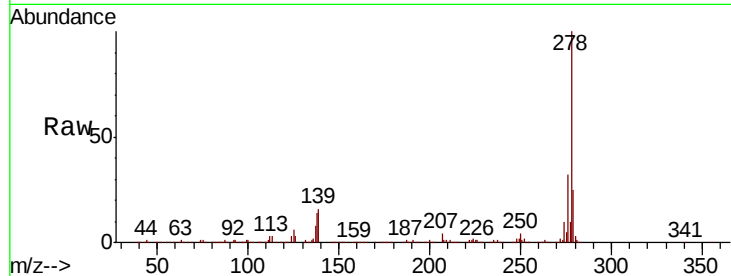
#91
 Dibenzo(a,h)anthracene
 Concen: 38.692 ng
 RT: 28.44 min Scan# 4314
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	24.7	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:58 AM



#92
 Benzo(g,h,i)perylene
 Concen: 38.596 ng
 RT: 29.48 min Scan# 4492
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	22.0	17.6	26.4

