

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044684.D
 Acq On : 5 Mar 2020 14:44
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:17:31 PM

Quant Time: Mar 05 16:18:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57213	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	242192	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	168022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	386863	20.00	ng	0.00
76) Chrysene-d12	21.72	240	338740	20.00	ng	0.00
87) Perylene-d12	24.94	264	405723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	391838	109.89	ng	0.00
7) Phenol-d6	7.21	99	603565	123.66	ng	0.00
23) Nitrobenzene-d5	9.22	82	569870	121.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	239230	100.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1231120	104.92	ng	0.00
79) Terphenyl-d14	20.06	244	1937092	108.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	94785	60.914	ng	98
3) Pyridine	3.92	79	299518m	68.985	ng	
4) n-Nitrosodimethylamine	3.83	42	121799	73.861	ng	92
6) Aniline	7.38	93	373144	62.791	ng	99
8) 2-Chlorophenol	7.63	128	198749	51.059	ng	97
9) Benzaldehyde	7.19	77	170279	59.328	ng	99
10) Phenol	7.24	94	293778	62.109	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	222362	55.921	ng	96
12) 1,3-Dichlorobenzene	7.95	146	234570	50.525	ng	98
13) 1,4-Dichlorobenzene	8.10	146	237727	50.950	ng	98
14) 1,2-Dichlorobenzene	8.42	146	221815	49.991	ng	98
15) Benzyl Alcohol	8.29	79	260989	79.284	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	421607	78.893	ng	97
17) 2-Methylphenol	8.50	107	199533	59.049	ng	96
18) Hexachloroethane	9.15	117	94743	55.562	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	226676	72.248	ng	97
20) 3+4-Methylphenols	8.82	107	278344	60.166	ng	98
22) Acetophenone	8.88	105	361255	59.411	ng	99
24) Nitrobenzene	9.26	77	299717	65.807	ng	95
25) Isophorone	9.79	82	593754	67.515	ng	98
26) 2-Nitrophenol	9.98	139	100261	40.591	ng	97
27) 2,4-Dimethylphenol	10.03	122	185543	53.500	ng	92
28) bis(2-Chloroethoxy)methane	10.28	93	339842	58.435	ng	99
29) 2,4-Dichlorophenol	10.51	162	219104	52.843	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	249606	52.053	ng	98
31) Naphthalene	10.92	128	691830	52.350	ng	98
32) Benzoic acid	10.17	122	143641	106.708	ng	91
33) 4-Chloroaniline	11.02	127	321767	55.279	ng	97
34) Hexachlorobutadiene	11.22	225	169303	56.221	ng	96
35) Caprolactam	11.79	113	88188	59.413	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	271445	63.599	ng	100
37) 2-Methylnaphthalene	12.53	142	520118	53.252	ng	98
38) 1-Methylnaphthalene	12.74	142	488448	52.631	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	282307	49.909	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044684.D
 Acq On : 5 Mar 2020 14:44
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

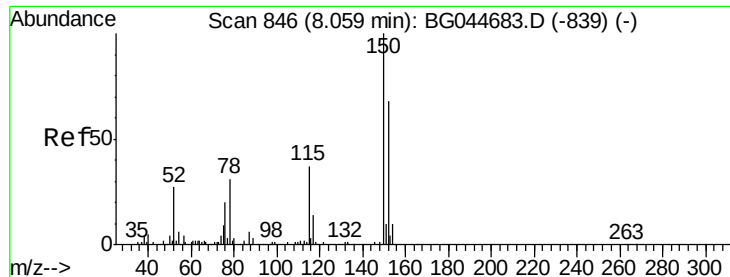
Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:17:31 PM

Quant Time: Mar 05 16:18:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	166503	74.618	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	199897	54.426	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	201459	53.397	ng	94
46) 1,1'-Biphenyl	13.53	154	692307	49.790	ng	99
47) 2-Chloronaphthalene	13.57	162	526250	48.265	ng	97
48) 2-Nitroaniline	13.76	65	191180	63.165	ng	97
49) Acenaphthylene	14.42	152	838290	52.085	ng	99
50) Dimethylphthalate	14.15	163	711198	52.442	ng	99
51) 2,6-Dinitrotoluene	14.26	165	133815	44.740	ng	97
52) Acenaphthene	14.76	154	541324	52.763	ng	98
53) 3-Nitroaniline	14.59	138	154208	47.806	ng	100
54) 2,4-Dinitrophenol	14.79	184	61077	42.497	ng	89
55) Dibenzofuran	15.09	168	808781	51.421	ng	99
56) 4-Nitrophenol	14.88	139	119546	53.878	ng	97
57) 2,4-Dinitrotoluene	15.05	165	181945	43.268	ng	96
58) Fluorene	15.75	166	665099	53.332	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	197351	56.802	ng	94
60) Diethylphthalate	15.52	149	759916	56.553	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	365271	53.869	ng	97
62) 4-Nitroaniline	15.75	138	166841	51.655	ng	95
63) Azobenzene	16.03	77	799450	69.908	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	81106	33.859	ng	97
66) n-Nitrosodiphenylamine	15.95	169	612876	50.788	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	247044	51.445	ng	97
68) Hexachlorobenzene	16.75	284	264543	48.726	ng	97
69) Atrazine	16.90	200	237171	53.164	ng	99
70) Pentachlorophenol	17.09	266	157595	70.063	ng	95
71) Phenanthrene	17.48	178	1082882	50.559	ng	99
72) Anthracene	17.58	178	1068439	50.620	ng	99
73) Carbazole	17.84	167	1023340	53.264	ng	97
74) Di-n-butylphthalate	18.42	149	1311089	54.458	ng	100
75) Fluoranthene	19.49	202	1317505	51.963	ng	99
77) Benzidine	19.66	184	695239	59.916	ng	98
78) Pyrene	19.85	202	1323673	53.831	ng	100
80) Butylbenzylphthalate	20.75	149	607382	56.470	ng	97
81) Benzo(a)anthracene	21.70	228	1307136	54.904	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	528611	56.202	ng	98
83) Chrysene	21.77	228	1240165	53.876	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	826499	55.768	ng	97
85) Di-n-octyl phthalate	22.87	149	1449916	55.606	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1646421	55.733	ng	99
88) Benzo(b)fluoranthene	23.93	252	1439272	53.955	ng	98
89) Benzo(k)fluoranthene	24.00	252	1328834	51.340	ng	100
90) Benzo(a)pyrene	24.80	252	1330889	53.101	ng	97
91) Dibenzo(a,h)anthracene	28.70	278	1323915	53.411	ng	99
92) Benzo(g,h,i)perylene	29.77	276	1326004	53.394	ng	97

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



#1

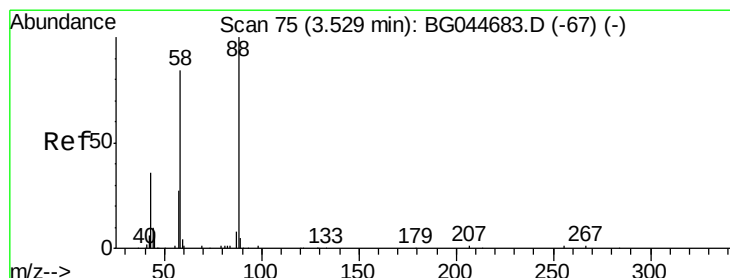
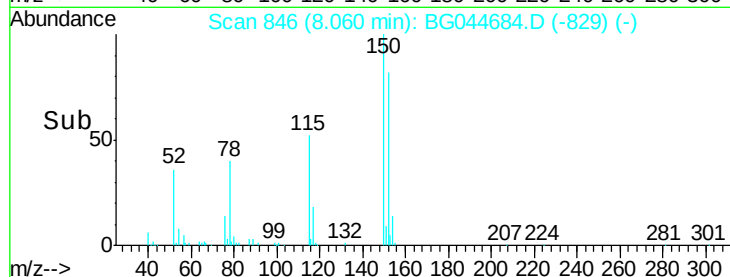
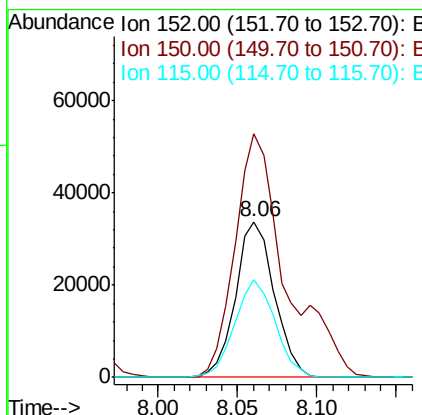
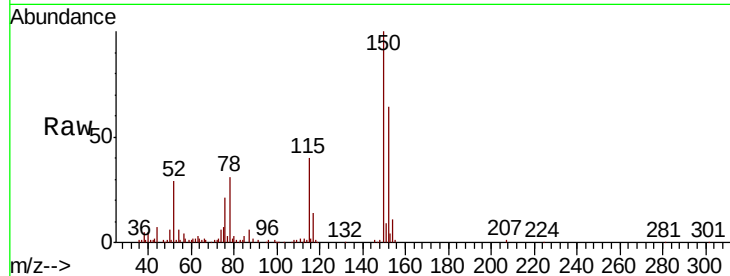
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	118.6	177.8
115	63.2	43.6	65.4

Manual Integrations
APPROVED

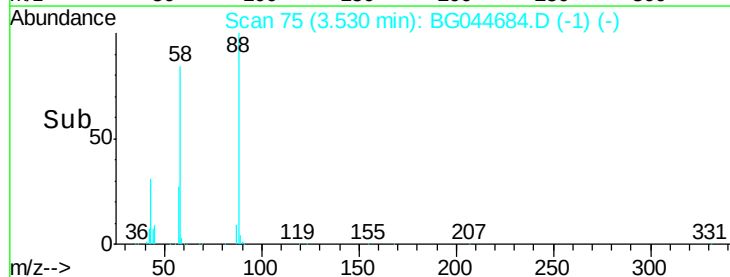
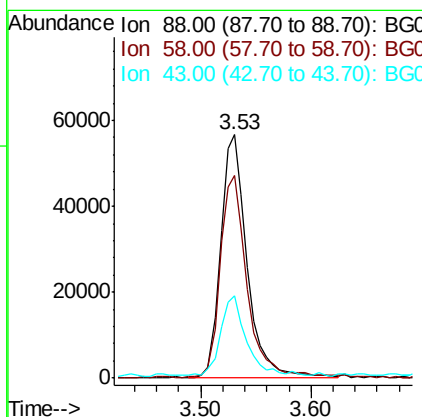
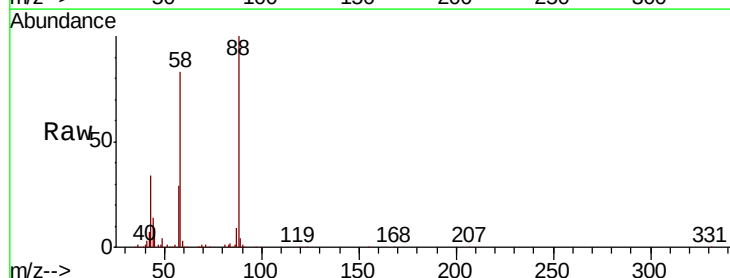
mohammad
3/6/2020 10:17:31 PM

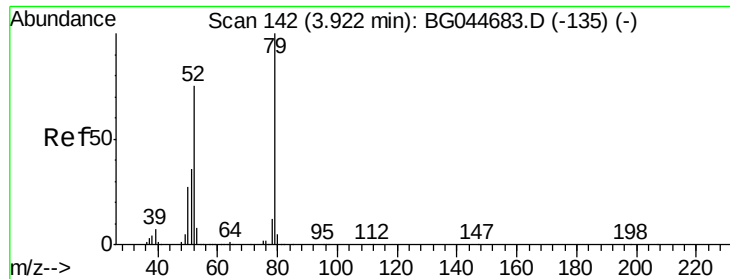


#2

1,4-Dioxane
Concen: 60.914 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	66.6	99.8
43	30.9	27.4	41.2





#3

Pvridine

Concen: 68.985 ng/ml

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

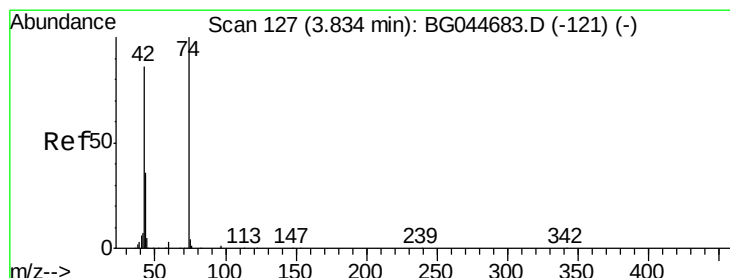
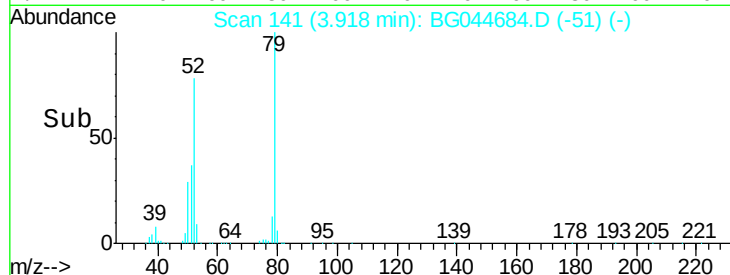
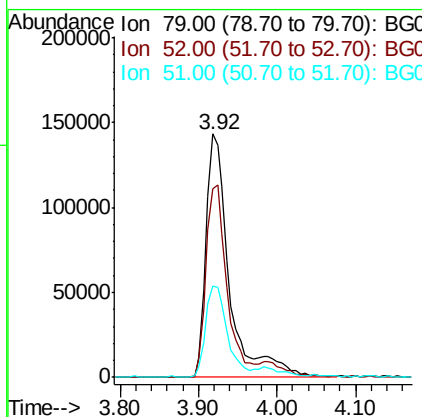
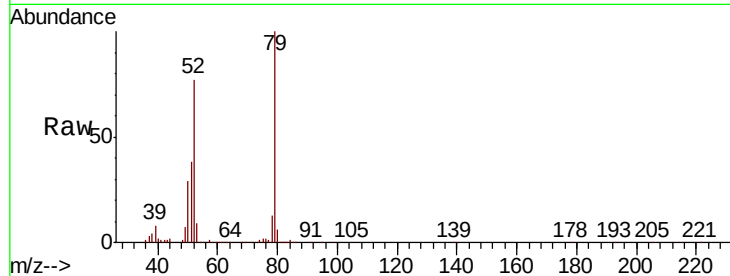
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	299518
Ion	Ratio	Lower	Upper
79	100		
52	77.4	59.9	89.9
51	37.7	29.3	43.9

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#4

n-Nitrosodimethylamine

Concen: 73.861 ng/ml

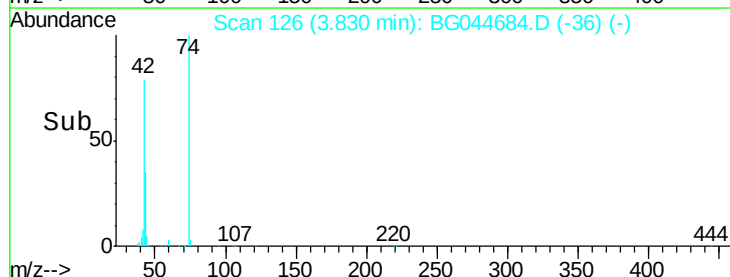
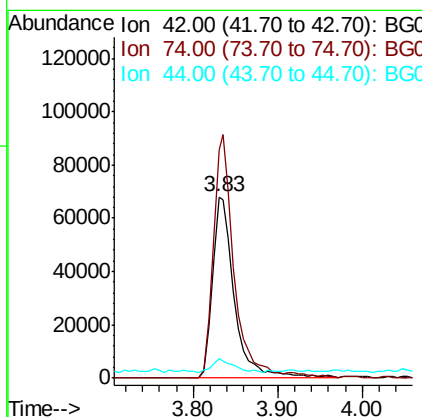
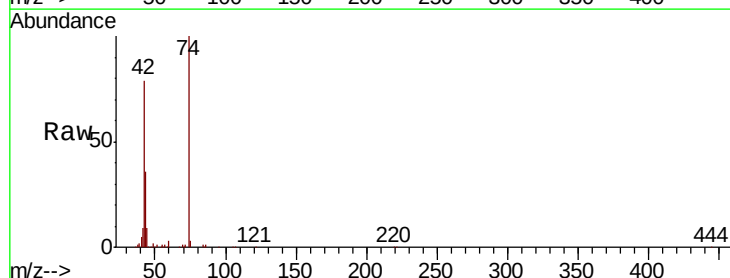
RT: 3.83 min Scan# 126

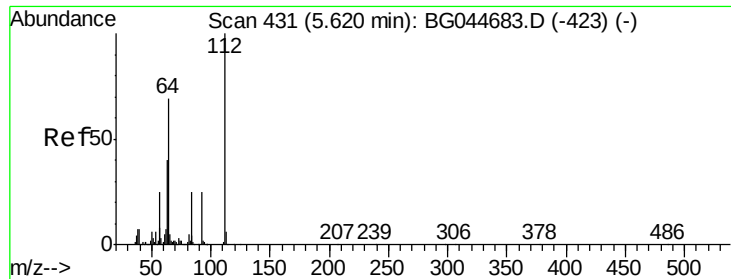
Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	42	Resp:	121799
Ion	Ratio	Lower	Upper
42	100		
74	126.3	93.4	140.2
44	11.0	8.9	13.3





#5

2-Fluorophenol

Concen: 109.886 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

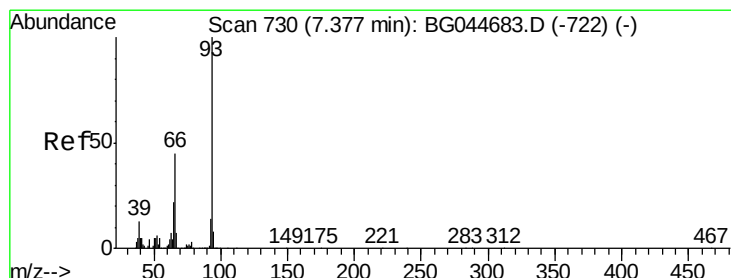
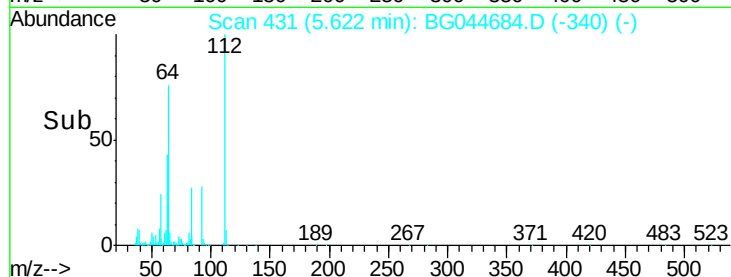
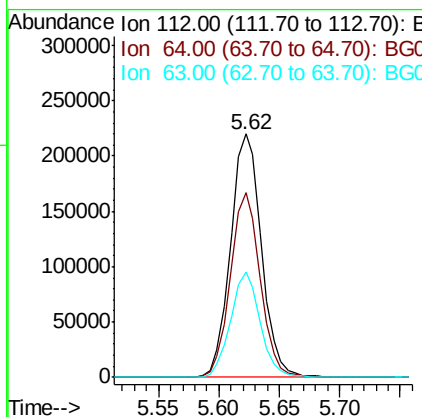
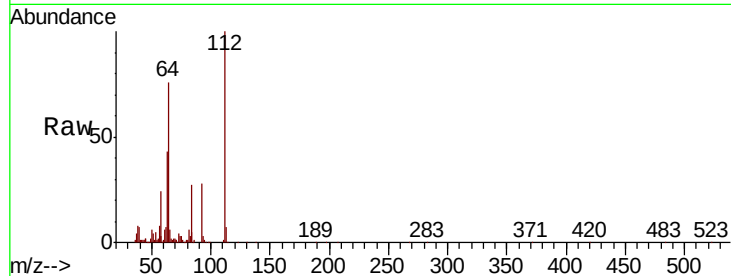
ClientSampleId :

SSTDICC050

Tot Ion:	112	Resp:	391838
Ion Ratio	Lower	Upper	
112	100		
64	75.8	55.4	83.0
63	43.1	32.1	48.1

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#6

Aniline

Concen: 62.791 ng

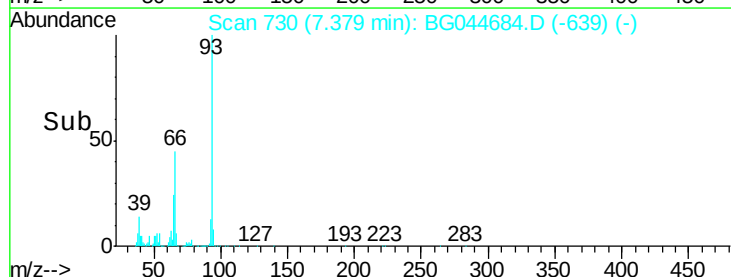
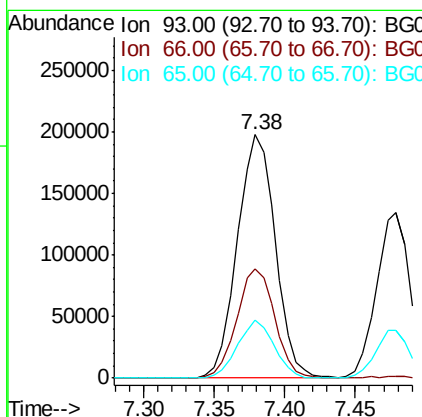
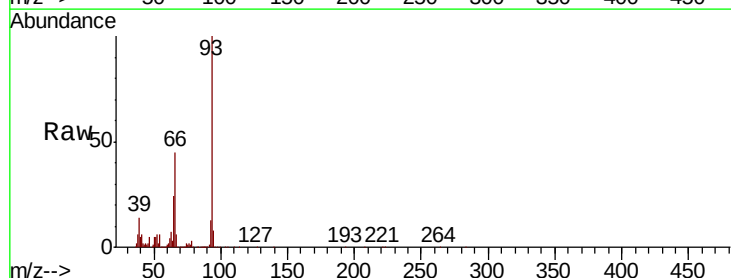
RT: 7.38 min Scan# 730

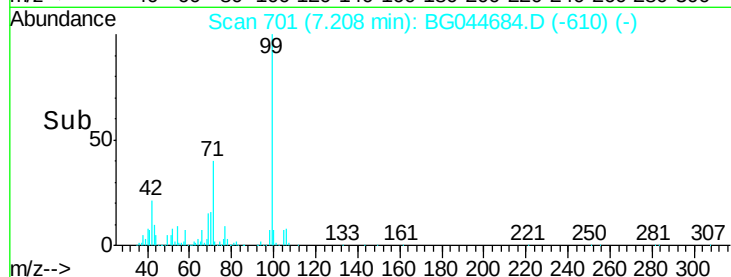
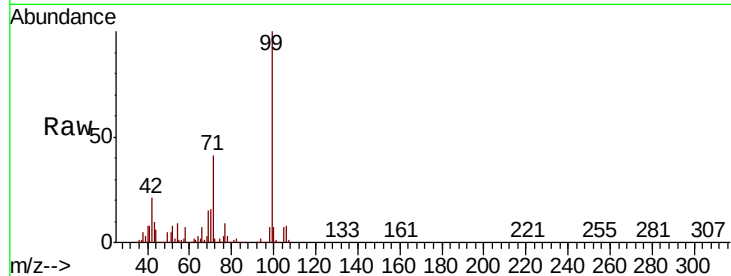
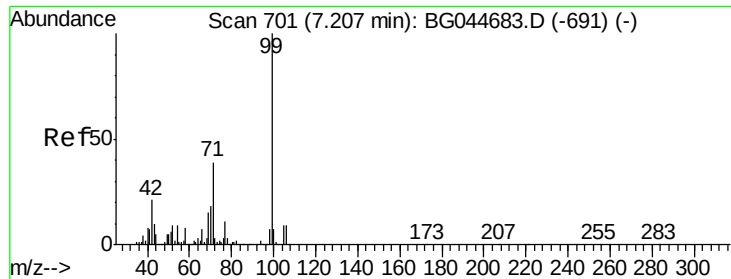
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	93	Resp:	373144
Ion Ratio	Lower	Upper	
93	100		
66	44.7	35.8	53.8
65	23.6	17.9	26.9





#7

Phenol-d6

Concen: 123.657 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tot Ion	99	Resp	603565
Ion Ratio	Lower	Upper	
99	100		
42	21.1	16.5	24.7
71	40.5	30.9	46.3

Instrument :

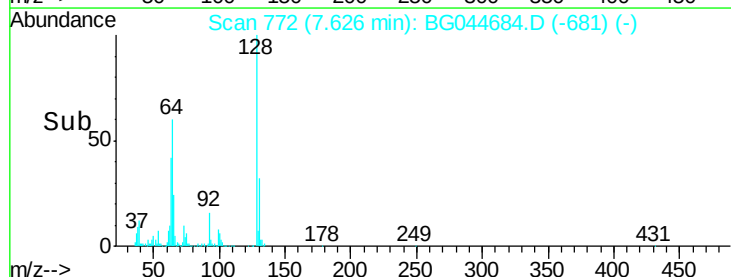
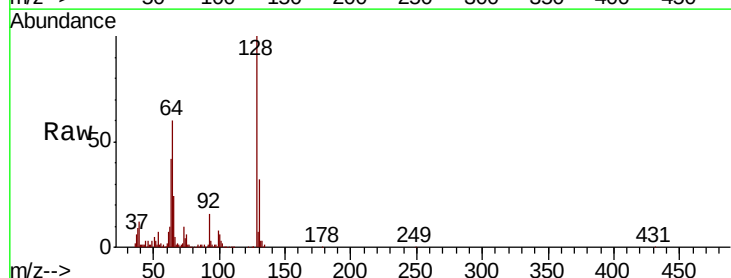
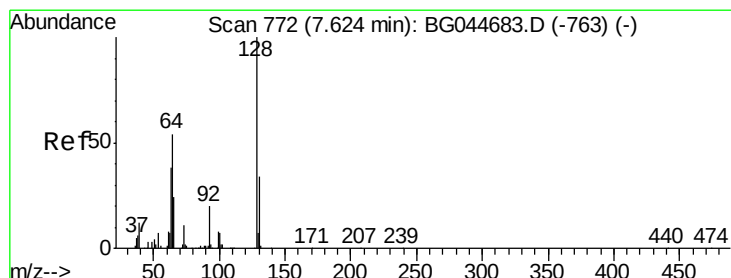
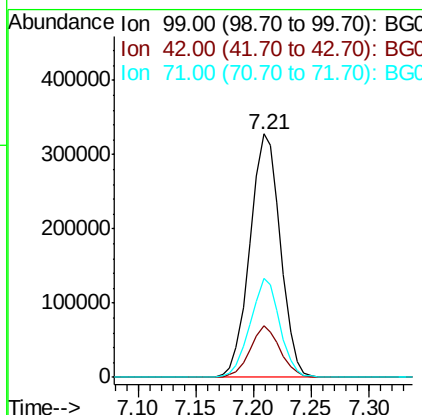
BNA_G

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#8

2-Chlorophenol

Concen: 51.059 ng

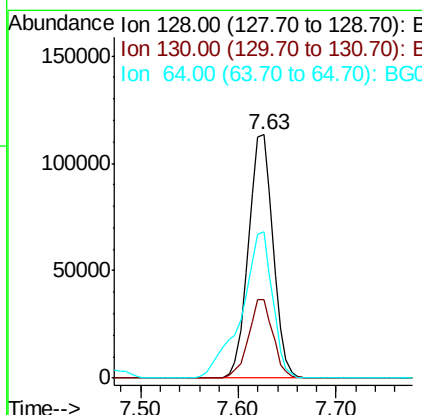
RT: 7.63 min Scan# 772

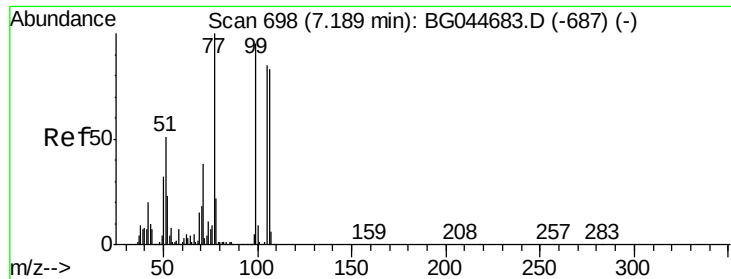
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion	128	Resp	198749
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.0	54.0
64	60.1	37.6	77.6





#9

Benzaldehyde

Concen: 59.328 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

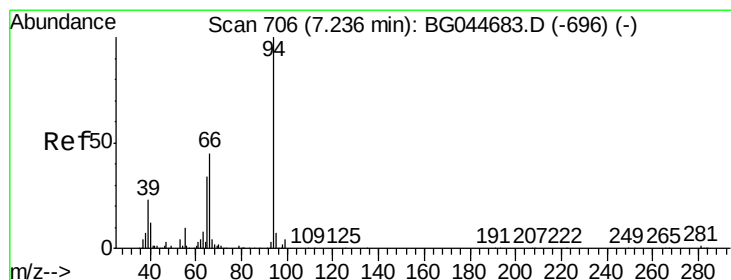
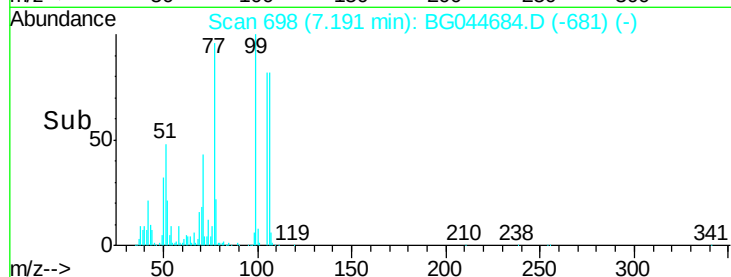
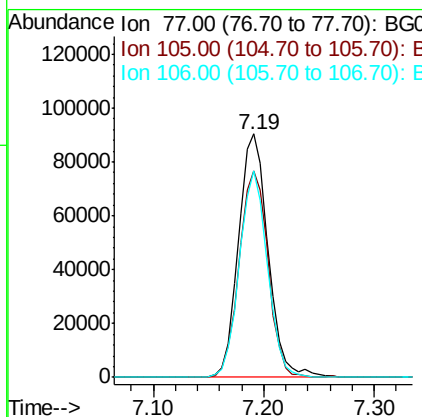
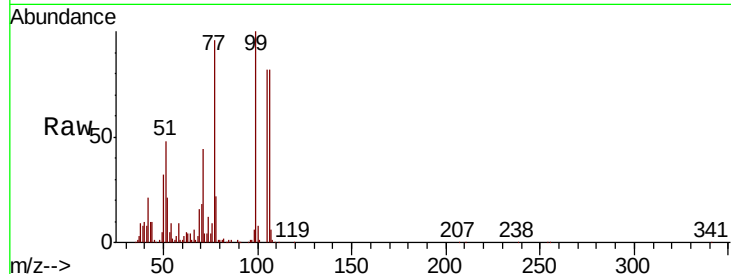
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	170279
Ion	Ratio	Lower	Upper
77	100		
105	85.0	65.1	105.1
106	84.9	63.1	103.1

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#10

Phenol

Concen: 62.109 ng

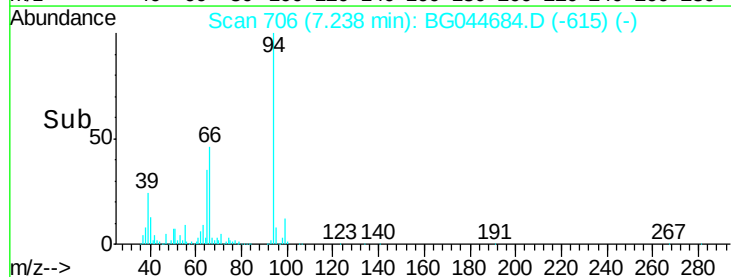
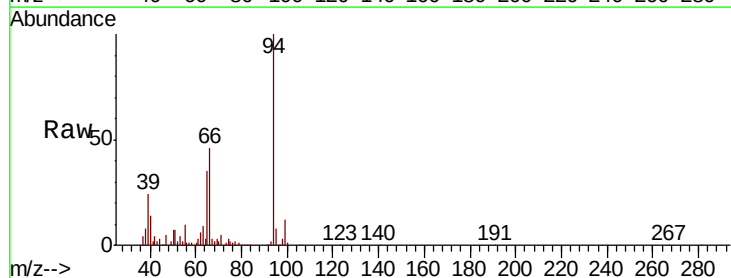
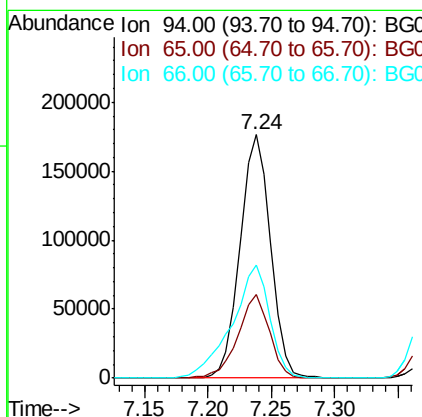
RT: 7.24 min Scan# 706

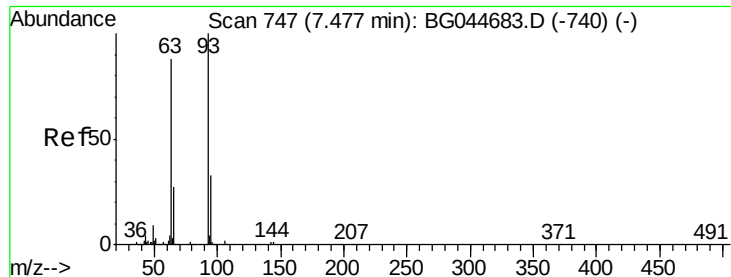
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	94	Resp:	293778
Ion	Ratio	Lower	Upper
94	100		
65	34.6	13.5	53.5
66	46.4	25.8	65.8





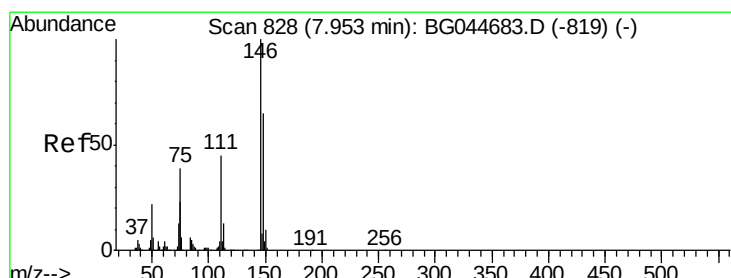
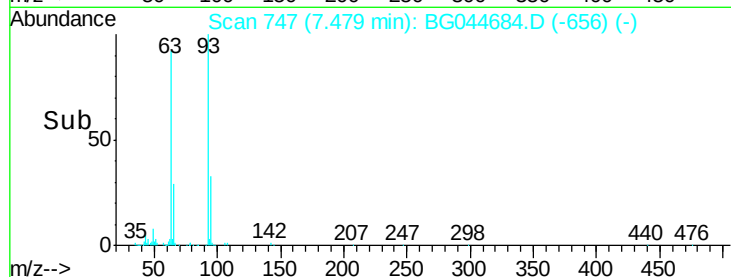
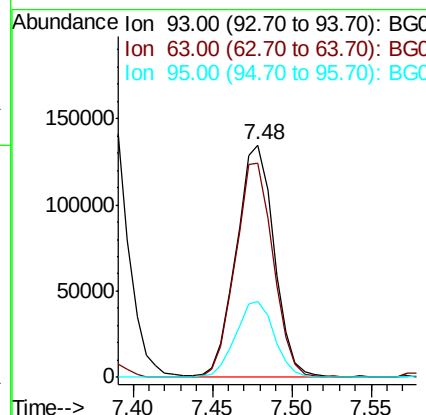
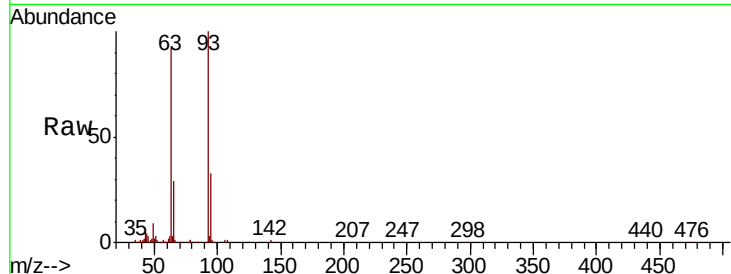
#11
bis(2-Chloroethyl)ether
Concen: 55.921 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.2	67.8	107.8
95	32.6	13.0	53.0

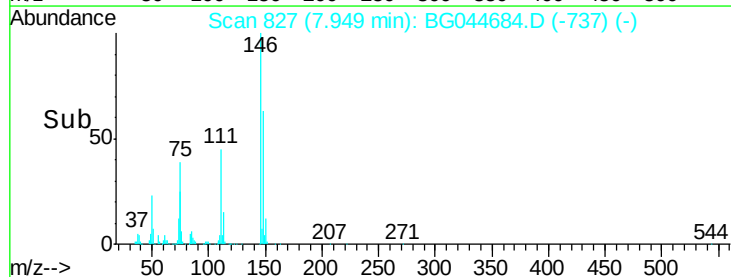
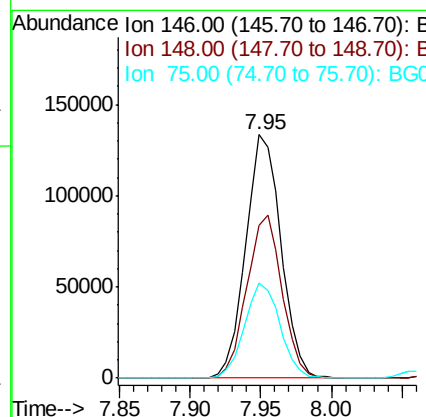
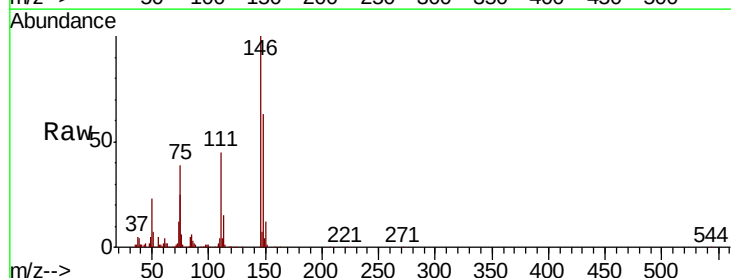
Manual Integrations
APPROVED

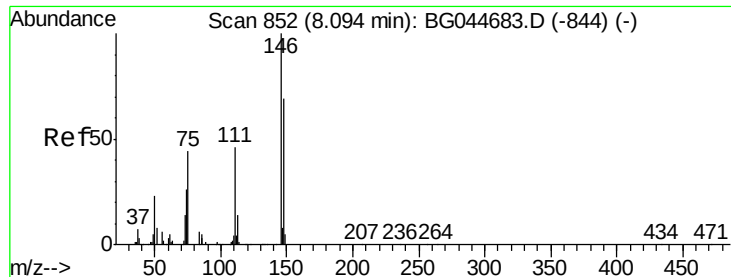
mohammad
3/6/2020 10:17:31 PM



#12
1,3-Dichlorobenzene
Concen: 50.525 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.9	77.9
75	39.1	31.0	46.6





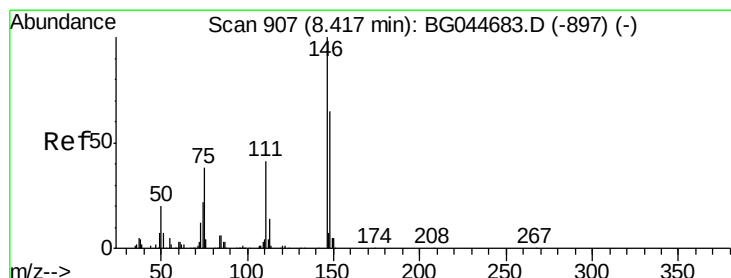
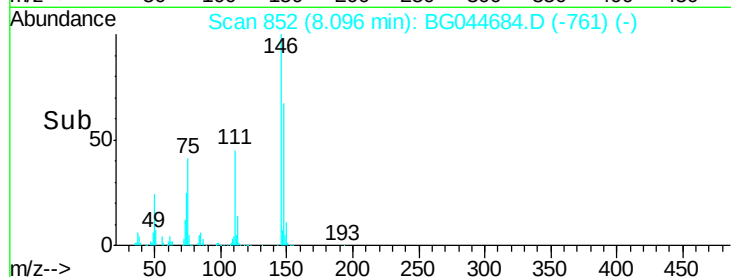
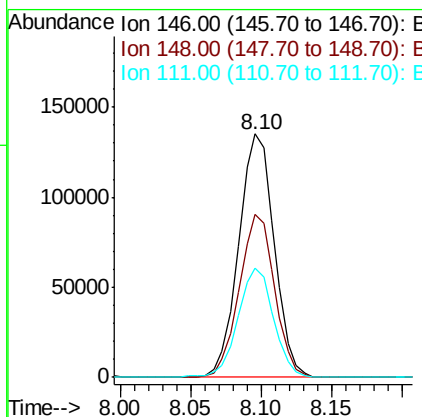
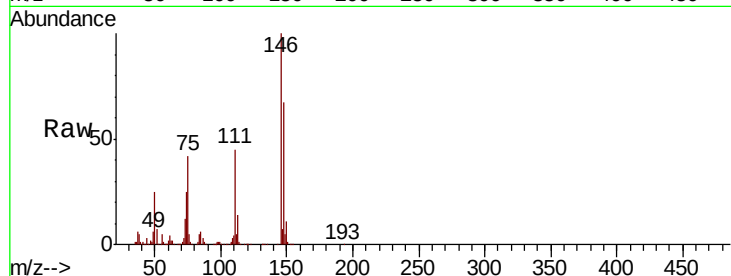
#13
 1,4-Dichlorobenzene
 Concen: 50.950 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	55.0	82.4
111	45.1	37.2	55.8

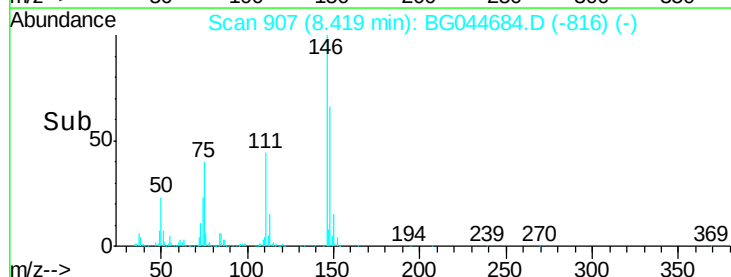
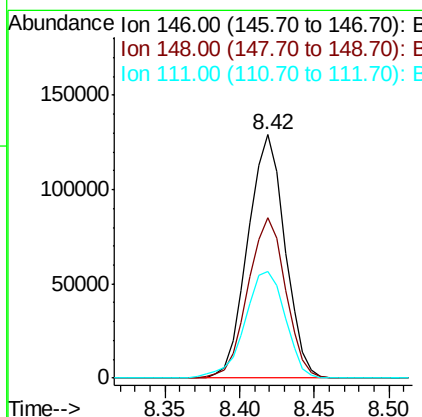
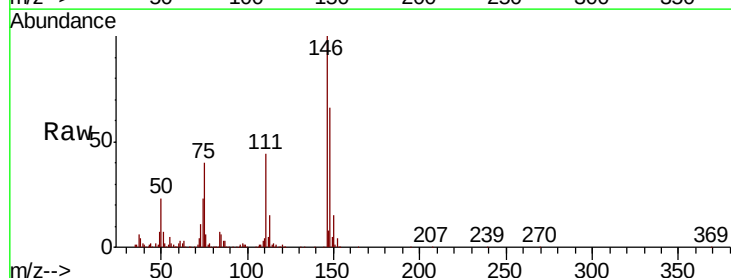
Manual Integrations
 APPROVED

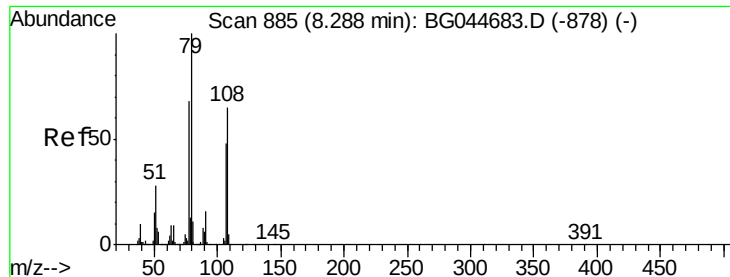
mohammad
 3/6/2020 10:17:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.991 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.8	77.8
111	43.9	33.4	50.0





#15

Benzyl Alcohol

Concen: 79.284 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

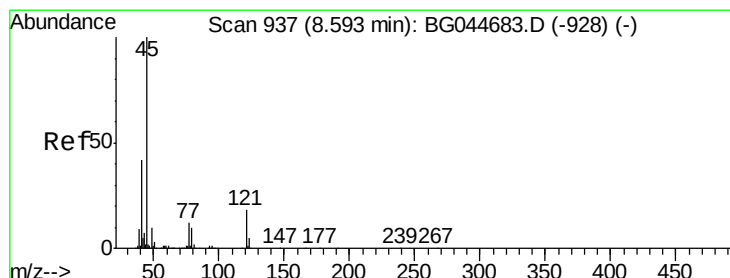
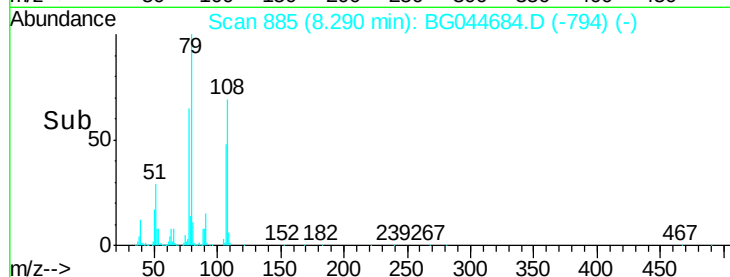
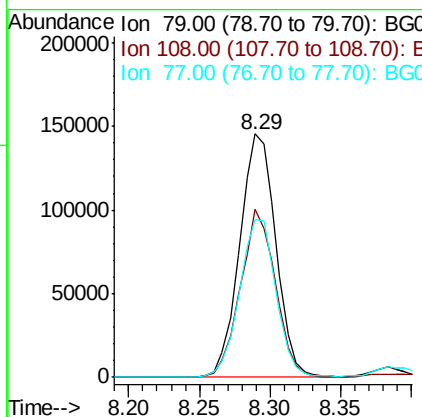
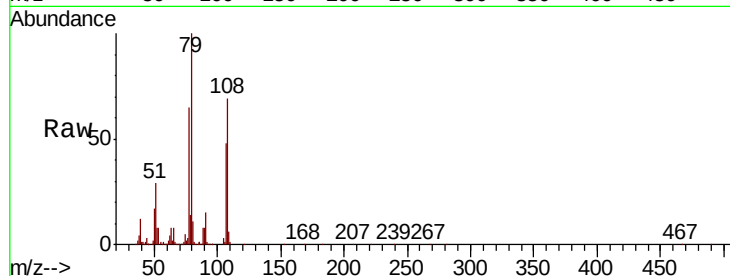
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	260989
Ion	Ratio	Lower	Upper
79	100		
108	69.1	52.2	78.4
77	65.0	54.2	81.2

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 78.893 ng

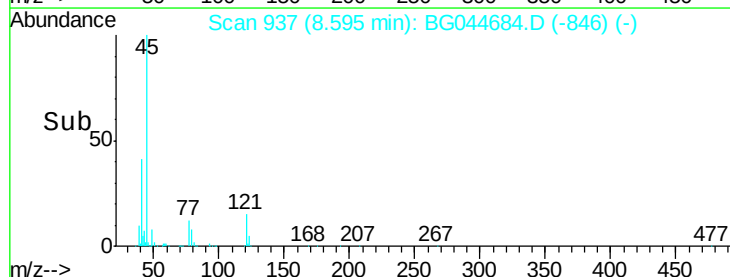
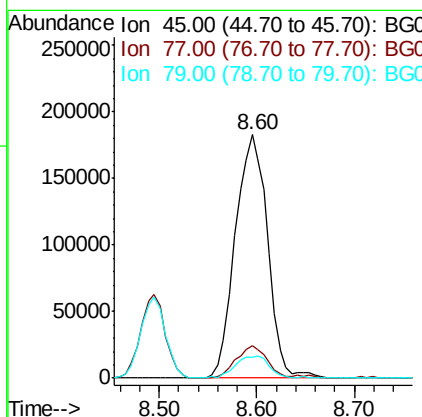
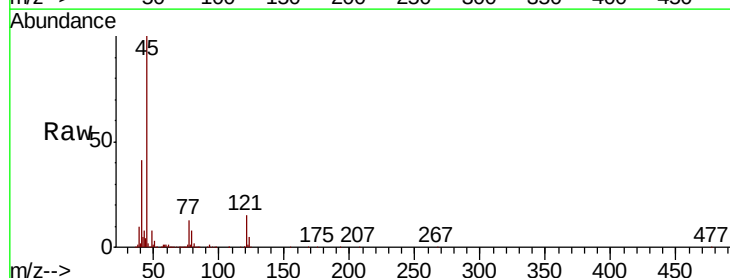
RT: 8.60 min Scan# 937

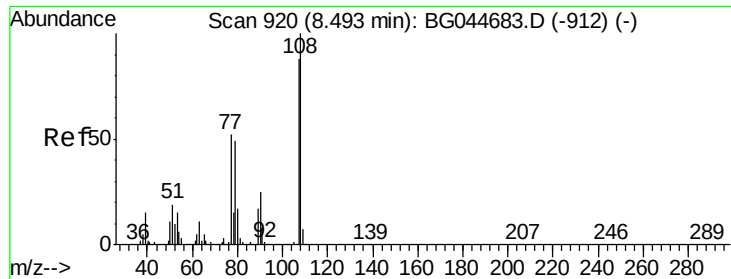
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	45	Resp:	421607
Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	32.1
79	8.4	0.0	29.9





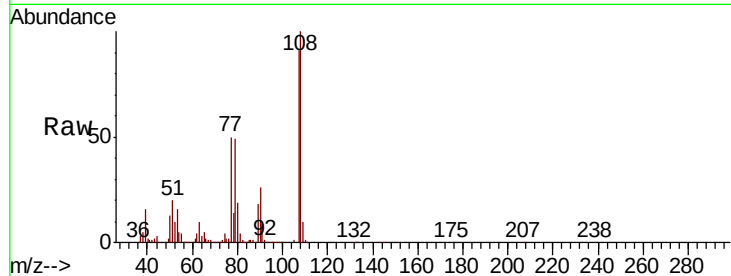
#17
2-Methylphenol
Concen: 59.049 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

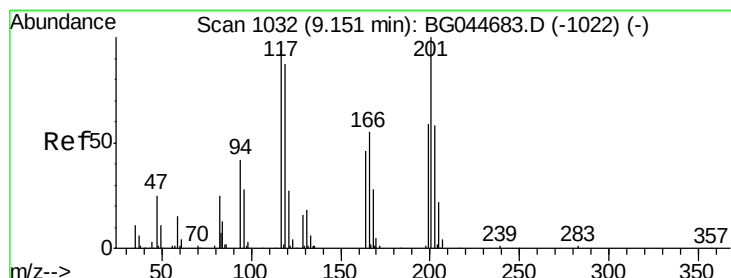
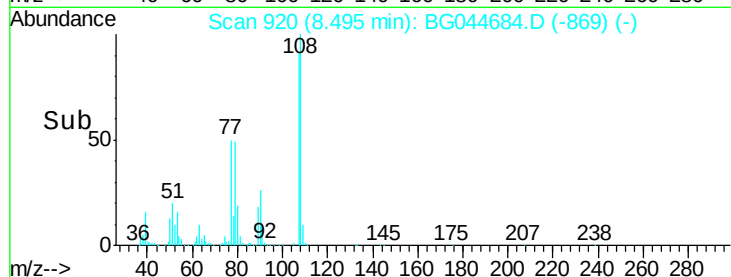
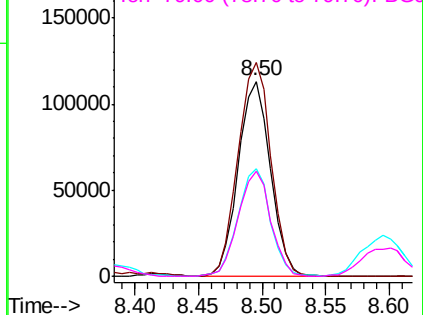
Tot Ion:	107	Resp:	199533
Ion Ratio	Lower	Upper	
107	100		
108	109.5	90.5	135.7
77	55.0	47.3	70.9
79	53.8	44.6	67.0

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM

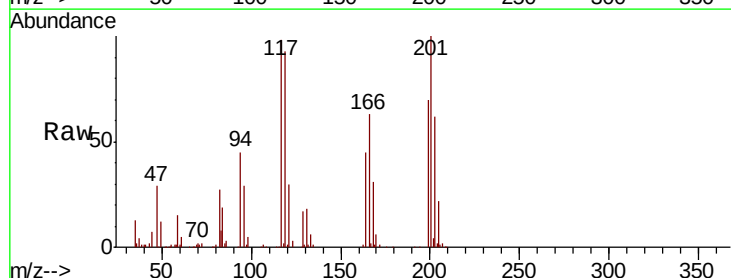


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

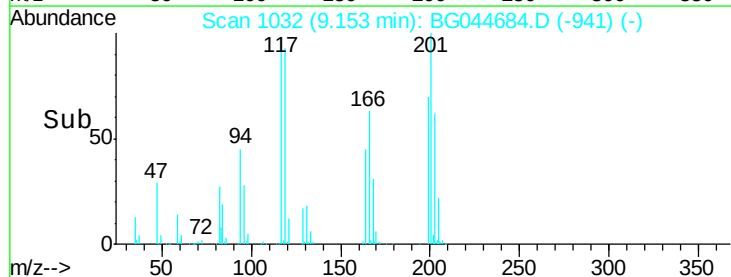
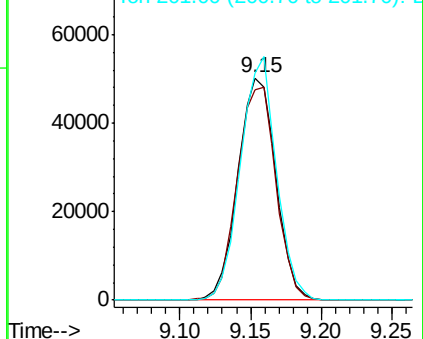


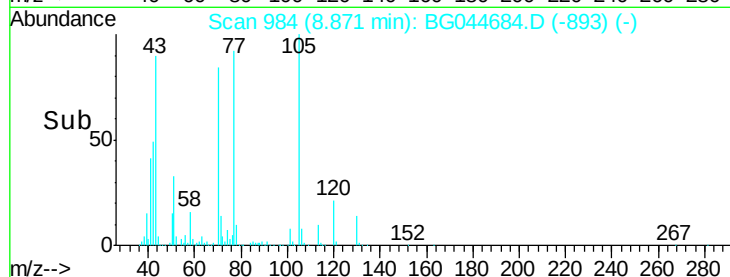
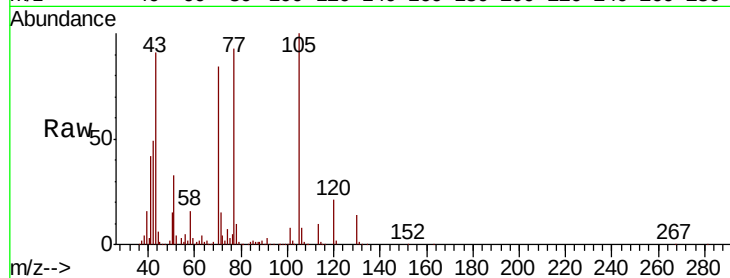
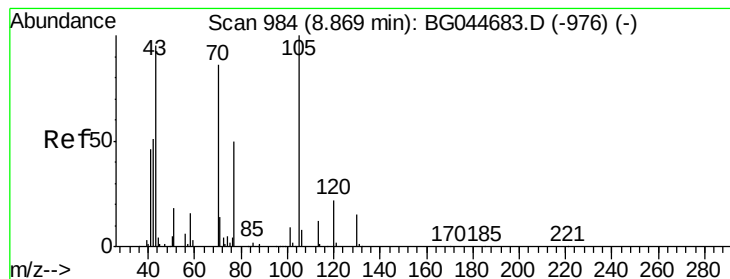
#18
Hexachloroethane
Concen: 55.562 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion:	117	Resp:	94743
Ion Ratio	Lower	Upper	
117	100		
119	94.5	74.5	111.7
201	102.0	85.5	128.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 72.248 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 226676

Ion Ratio Lower Upper

70 100

42 58.4 48.9 73.3

101 9.4 8.0 12.0

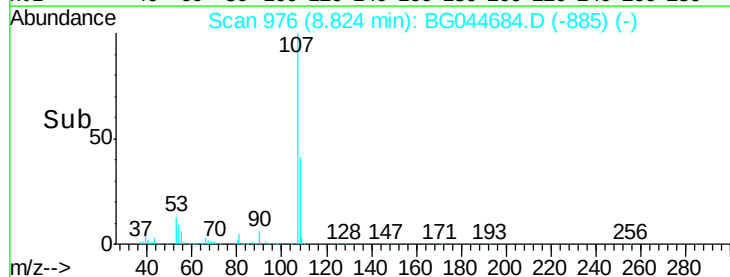
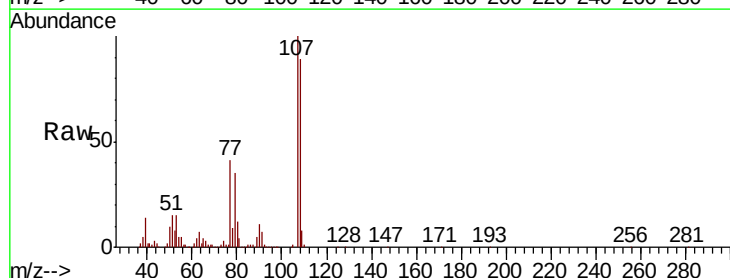
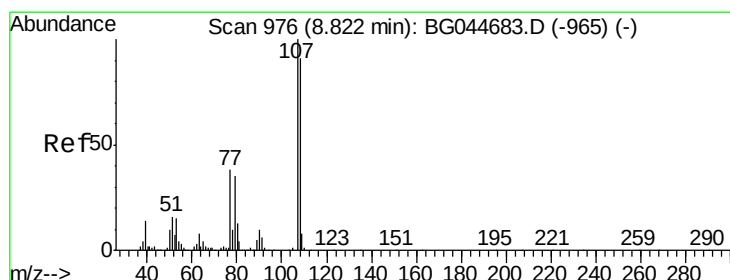
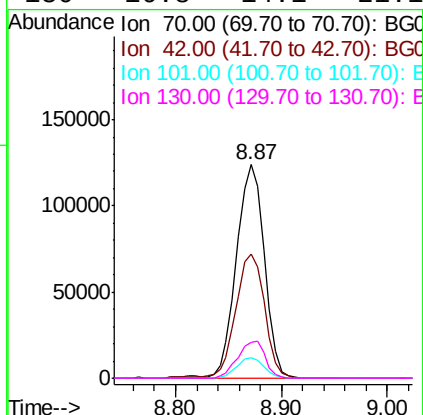
130 16.8 14.1 21.1

Manual Integrations

APPROVED

mohammad

3/6/2020 10:17:31 PM



#20

3+4-Methylphenols

Concen: 60.166 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion: 107 Resp: 278344

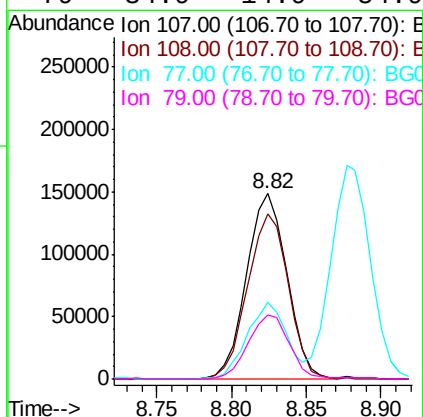
Ion Ratio Lower Upper

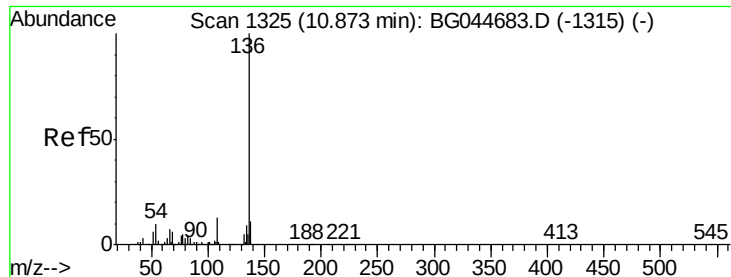
107 100

108 89.5 70.8 110.8

77 41.4 17.8 57.8

79 34.9 14.9 54.9





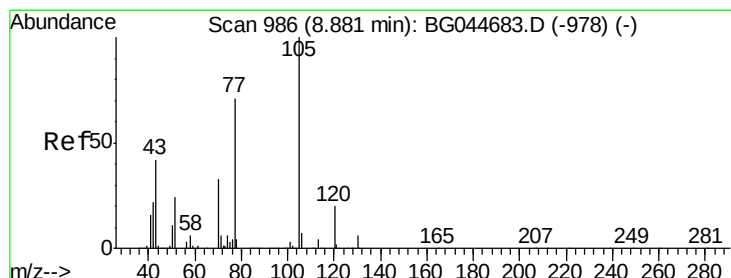
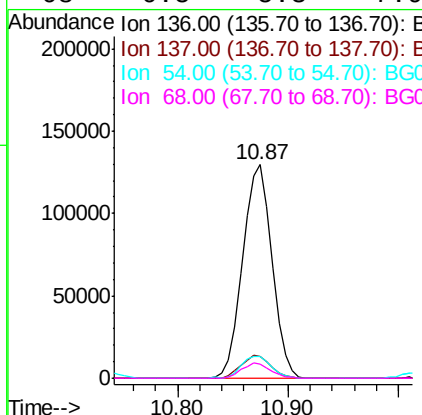
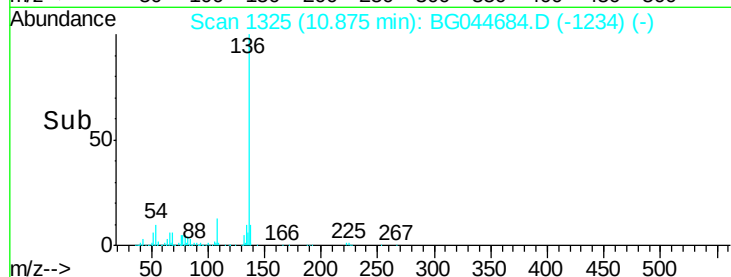
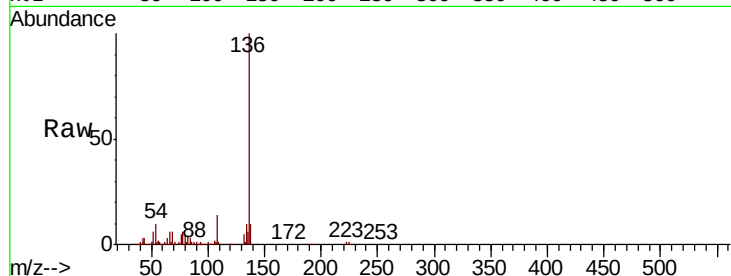
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		242192		
137	10.1		8.6	12.8	
54	10.4		8.2	12.4	
68	6.5		5.3	7.9	

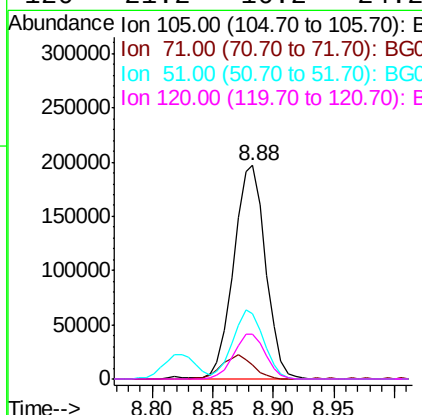
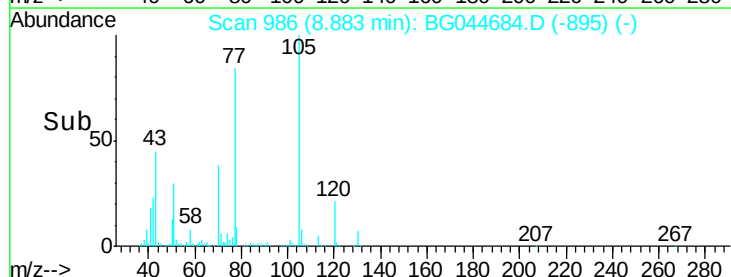
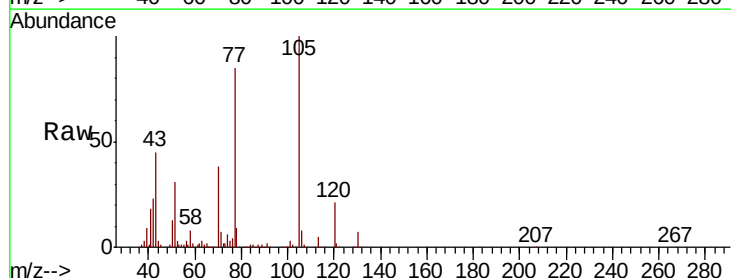
Manual Integrations
APPROVED

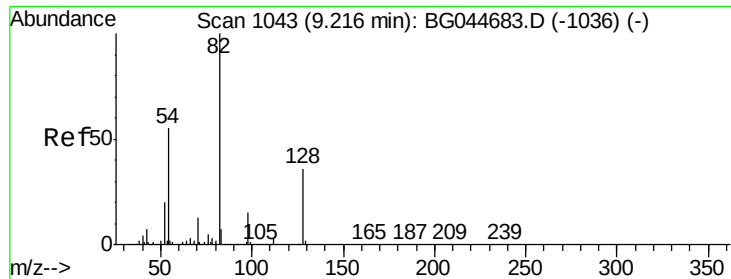
mohammad
3/6/2020 10:17:31 PM



#22
Acetophenone
Concen: 59.411 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		361255		
71	6.6		4.8	7.2	
51	30.5		24.0	36.0	
120	21.2		16.2	24.2	





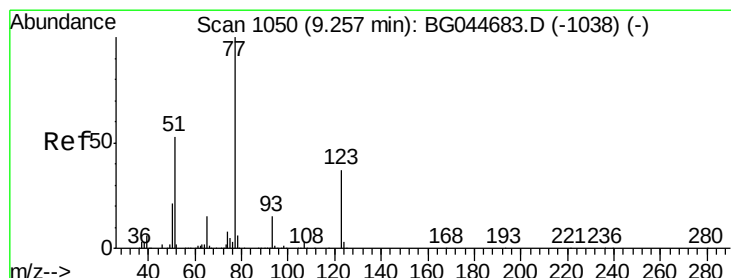
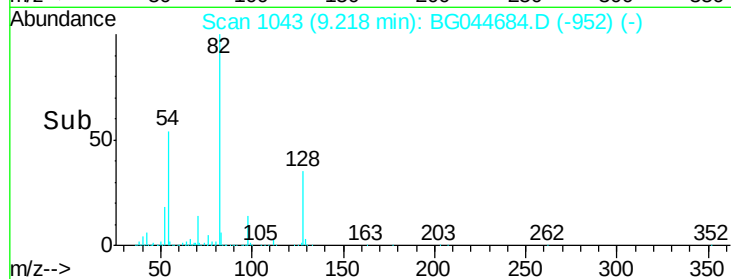
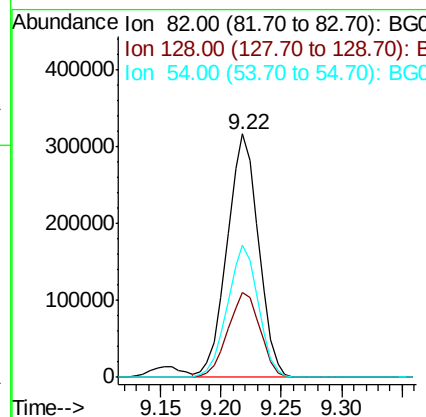
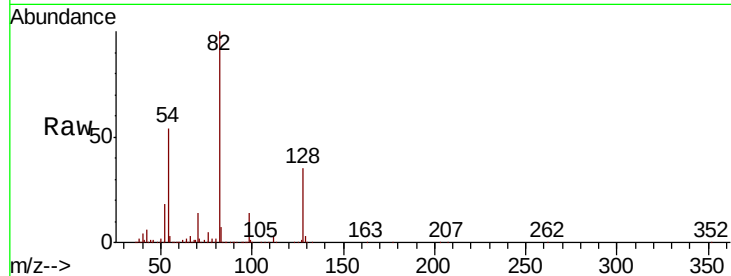
#23
 Nitrobenzene-d5
 Concen: 121.221 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	82	Resp	569870
Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.5	42.7
54	54.3	43.6	65.4

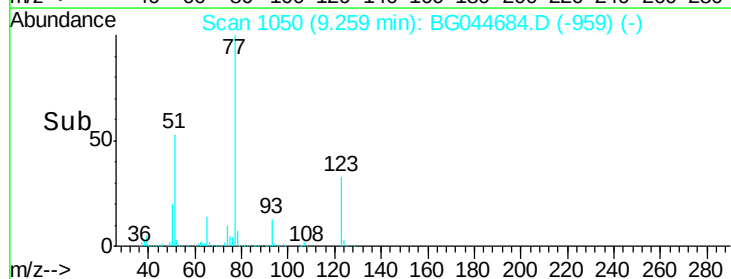
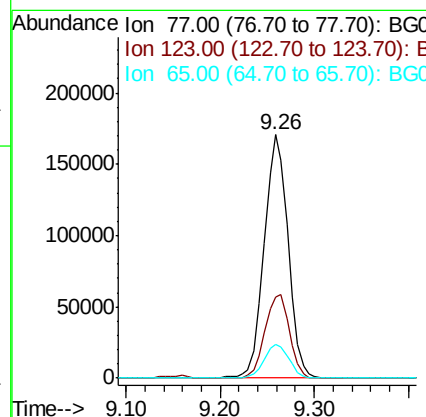
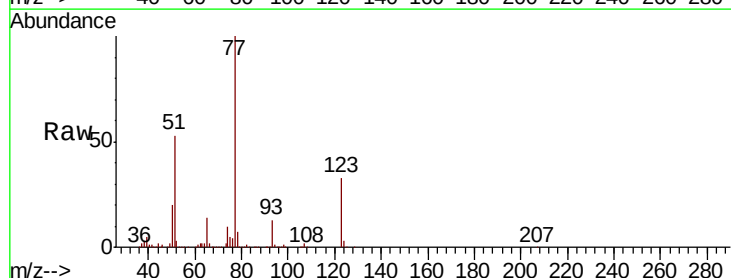
Manual Integrations
 APPROVED

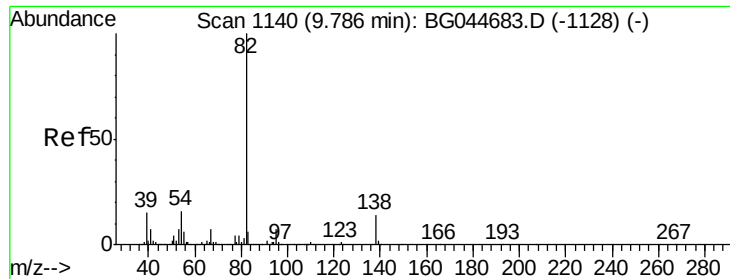
mohammad
 3/6/2020 10:17:31 PM



#24
 Nitrobenzene
 Concen: 65.807 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	77	Resp	299717
Ion	Ratio	Lower	Upper
77	100		
123	33.2	29.7	44.5
65	13.9	11.7	17.5





#25

Isophorone

Concen: 67.515 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

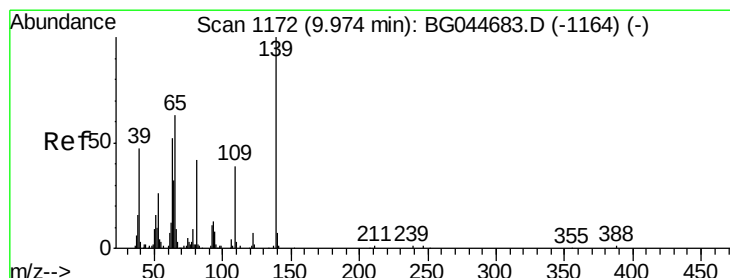
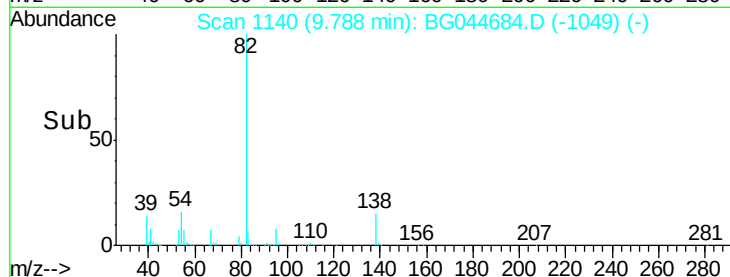
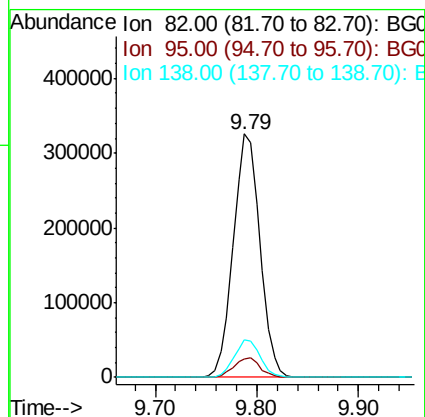
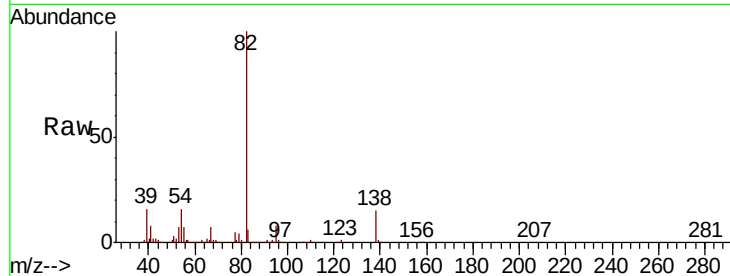
ClientSampleId :

SSTDICC050

Tot Ion:	82	Resp:	593754
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.0	9.0
138	15.2	11.2	16.8

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#26

2-Nitrophenol

Concen: 40.591 ng

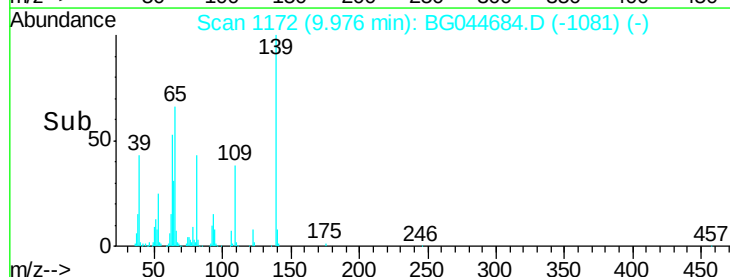
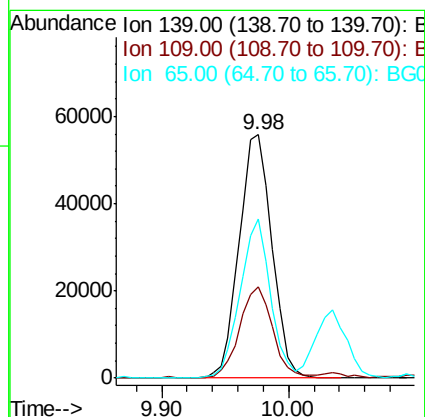
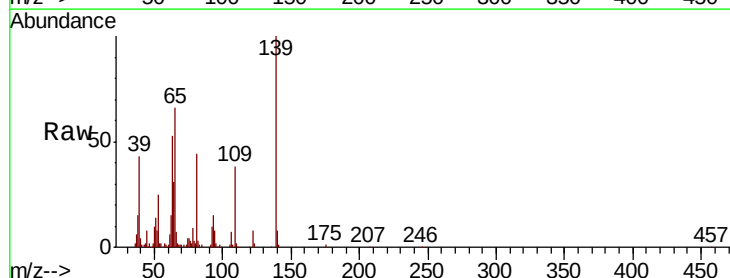
RT: 9.98 min Scan# 1172

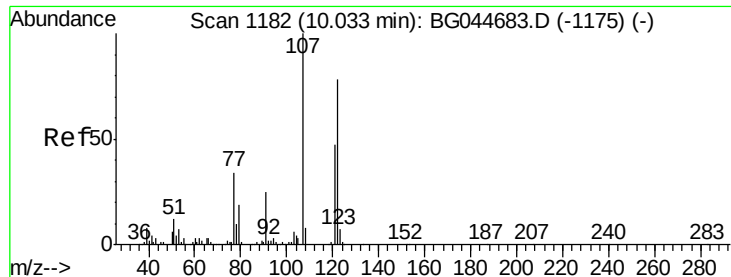
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	139	Resp:	100261
Ion Ratio	Lower	Upper	
139	100		
109	37.7	31.1	46.7
65	65.6	50.2	75.4





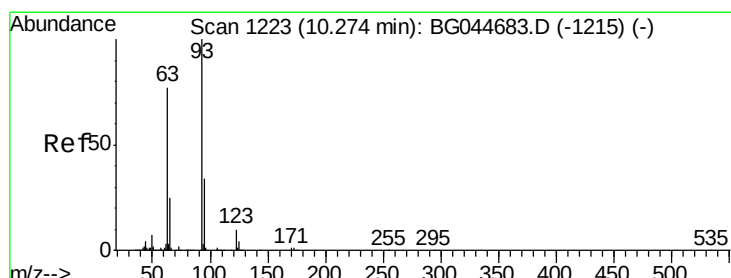
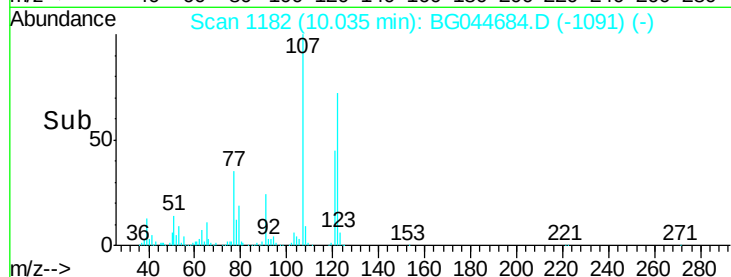
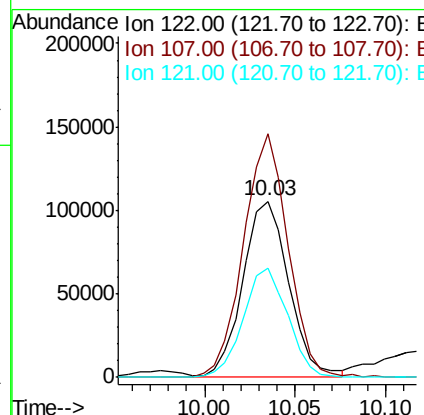
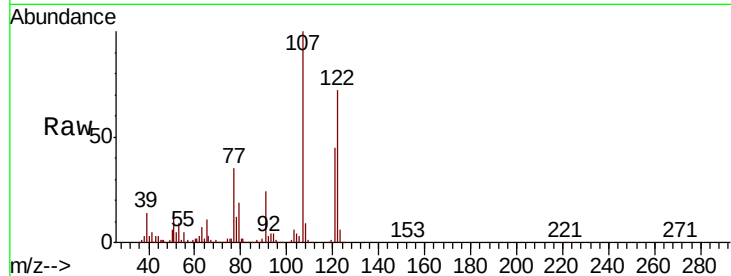
#27
2,4-Dimethylphenol
Concen: 53.500 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.4	101.7	152.5
121	62.0	47.5	71.3

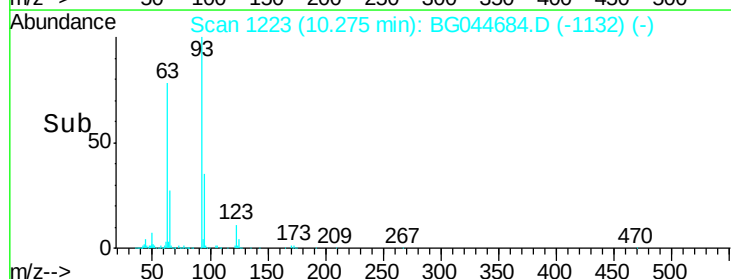
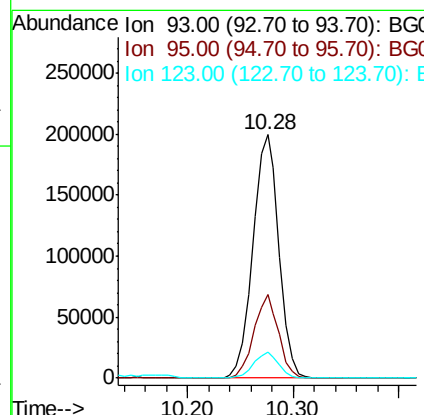
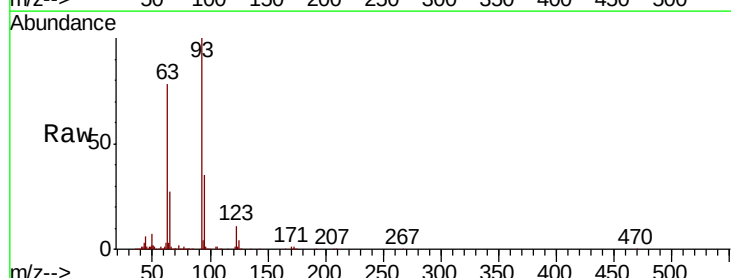
Manual Integrations
APPROVED

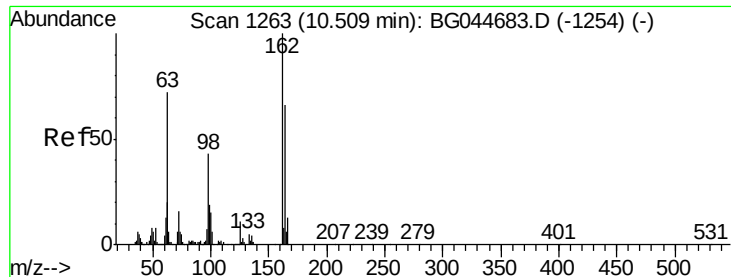
mohammad
3/6/2020 10:17:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 58.435 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	27.0	40.6
123	10.6	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 52.843 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

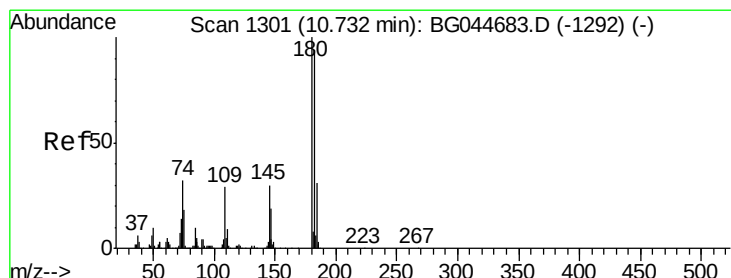
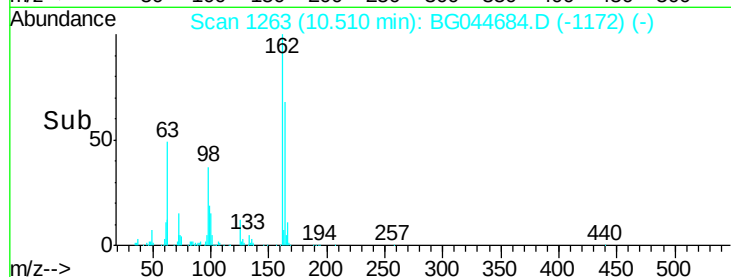
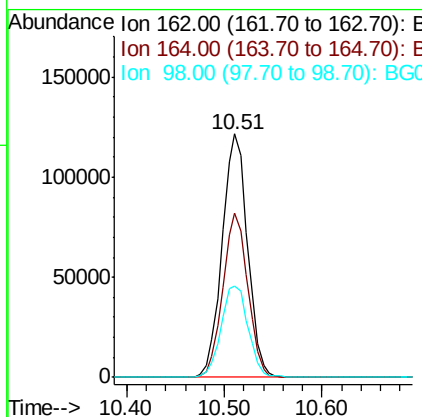
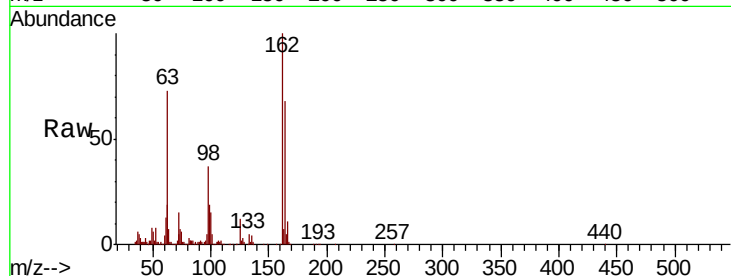
ClientSampleId :

SSTDICC050

Tot Ion:	162	Resp:	219104
Ion Ratio	Lower	Upper	
162	100		
164	67.7	46.1	86.1
98	37.5	22.8	62.8

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#30

1,2,4-Trichlorobenzene

Concen: 52.053 ng

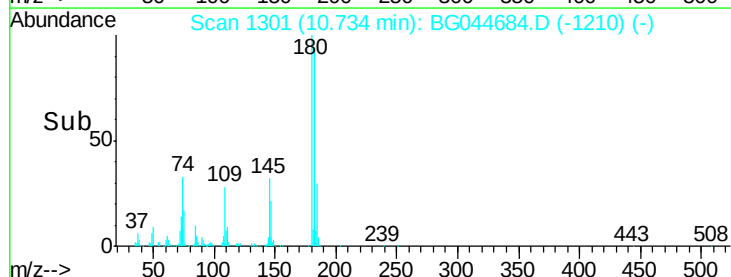
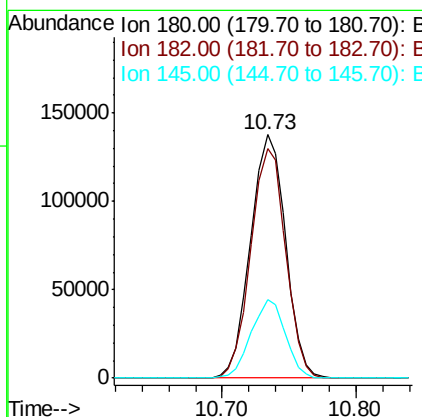
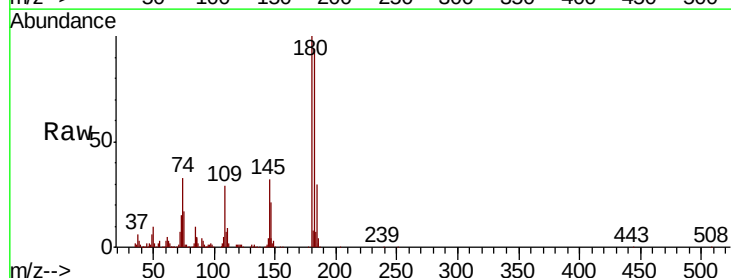
RT: 10.73 min Scan# 1301

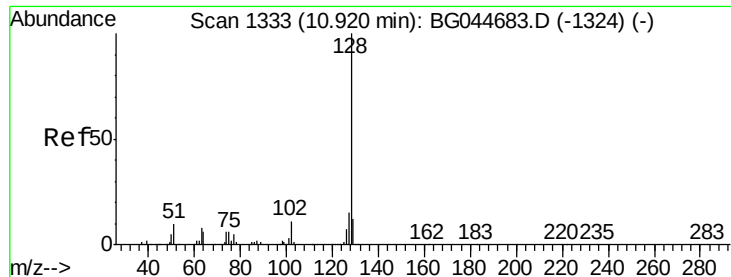
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	180	Resp:	249606
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.1	112.7
145	32.4	23.8	35.8





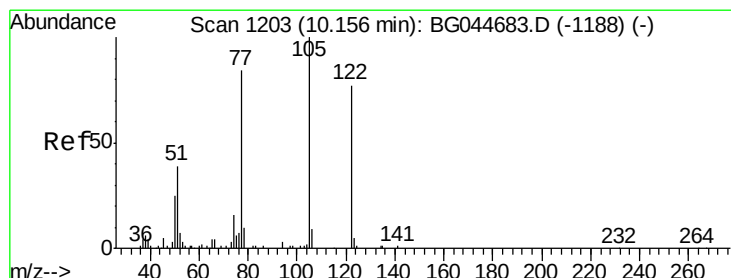
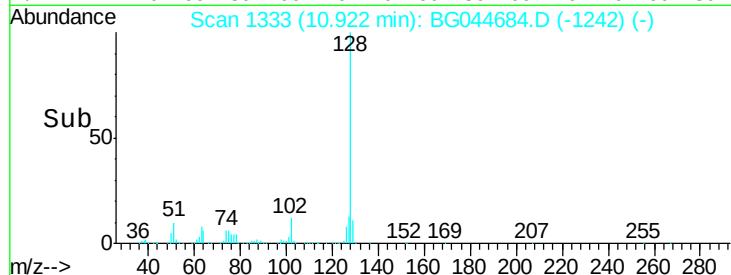
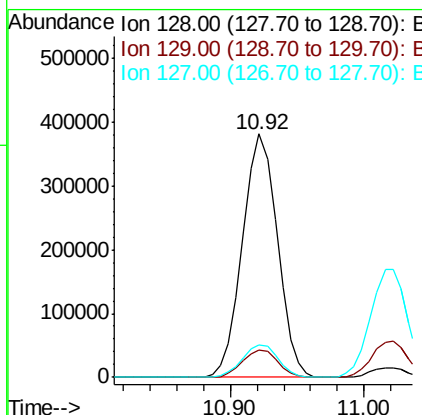
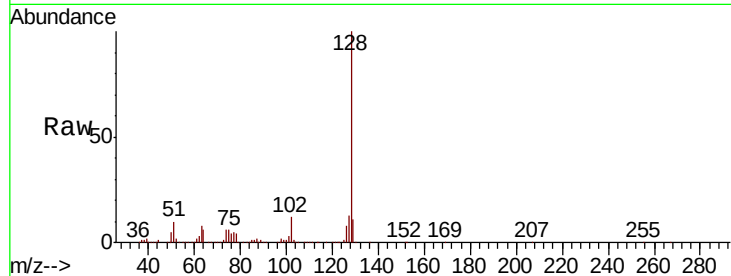
#31
Naphthalene
Concen: 52.350 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.4	11.6	17.4

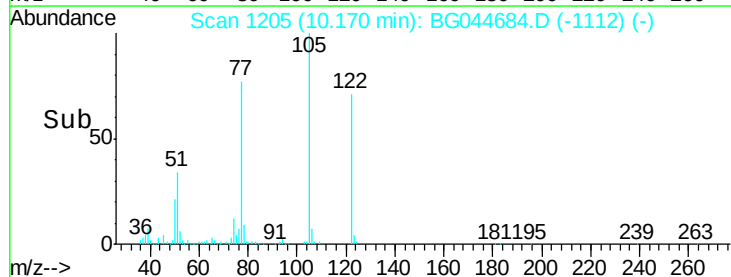
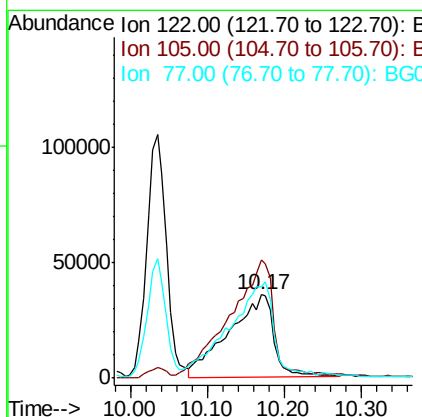
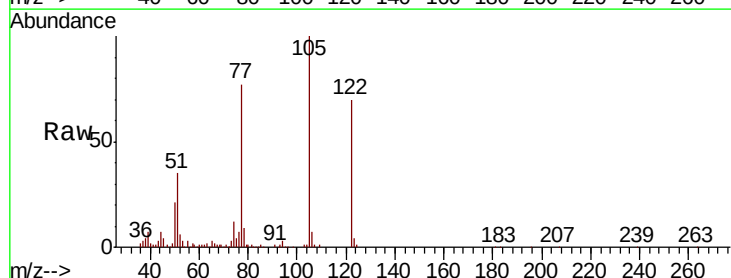
Manual Integrations
APPROVED

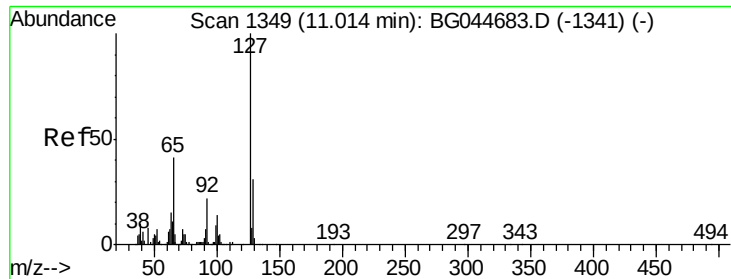
mohammad
3/6/2020 10:17:31 PM



#32
Benzoic acid
Concen: 106.708 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	105.1	145.1
77	110.0	87.7	127.7





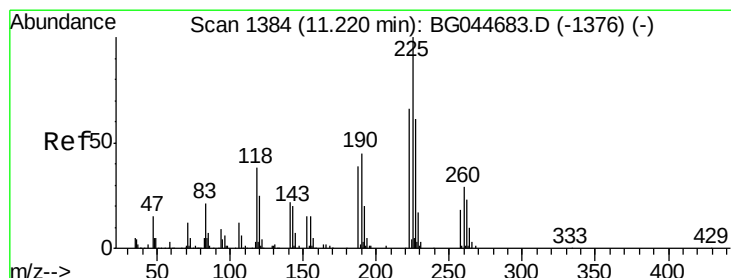
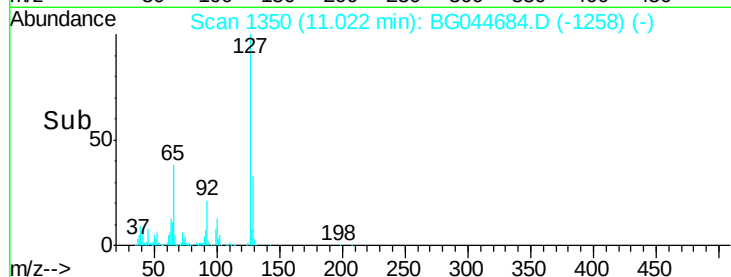
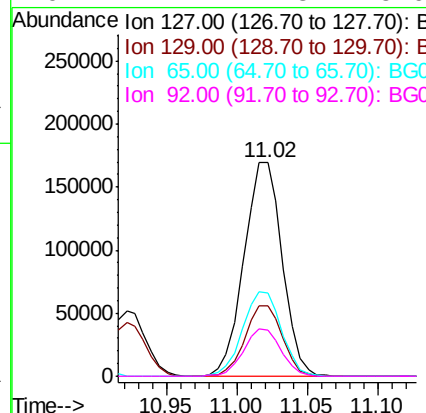
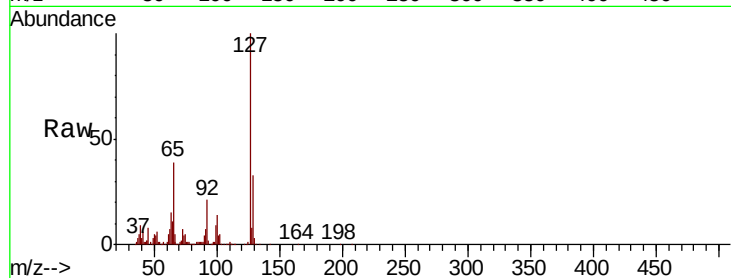
#33
4-Chloroaniline
Concen: 55.279 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		321767		
129	33.3	25.0	37.4		
65	38.7	32.7	49.1		
92	21.4	17.3	25.9		

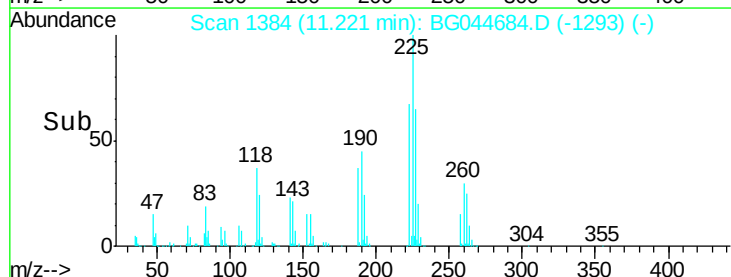
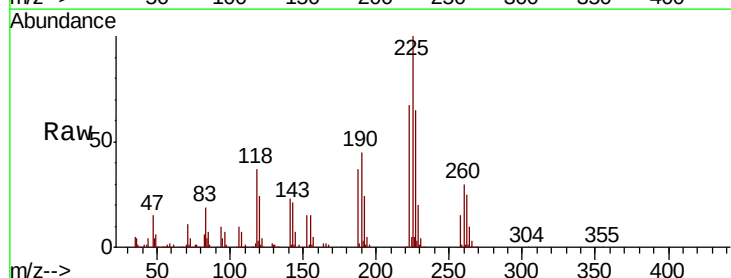
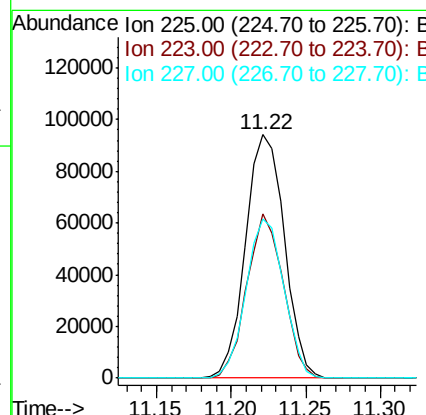
Manual Integrations
APPROVED

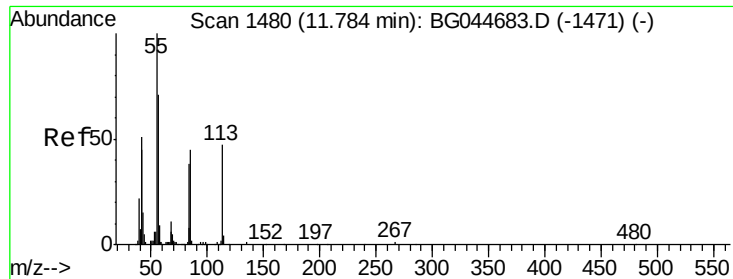
mohammad
3/6/2020 10:17:31 PM



#34
Hexachlorobutadiene
Concen: 56.221 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		169303		
223	67.4	52.4	78.6		
227	65.2	48.7	73.1		





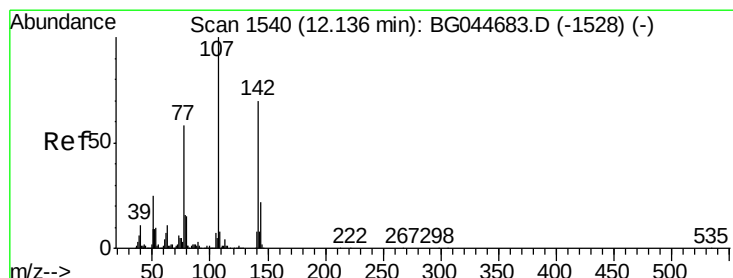
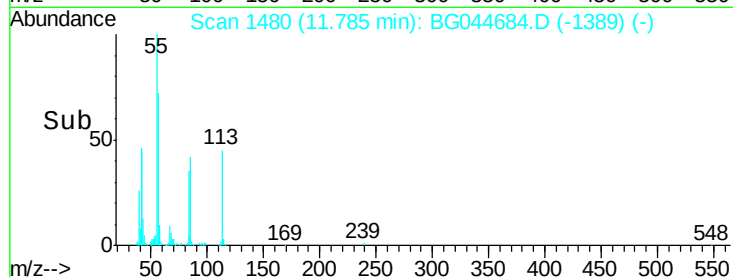
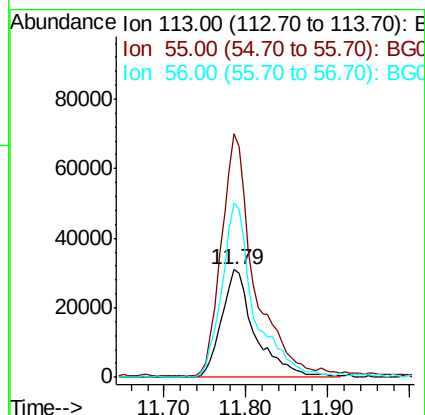
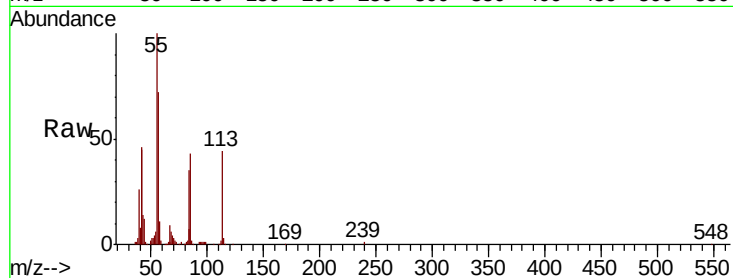
#35
 Caprolactam
 Concen: 59.413 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.7	194.3	234.3
56	162.2	131.4	171.4

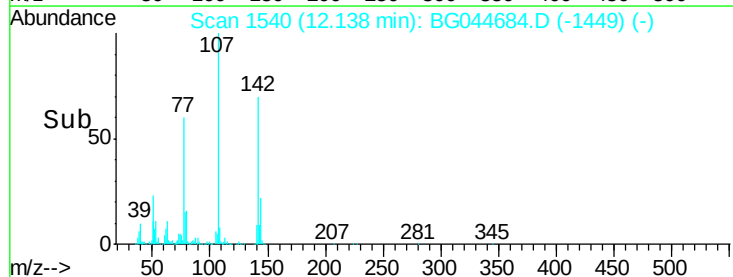
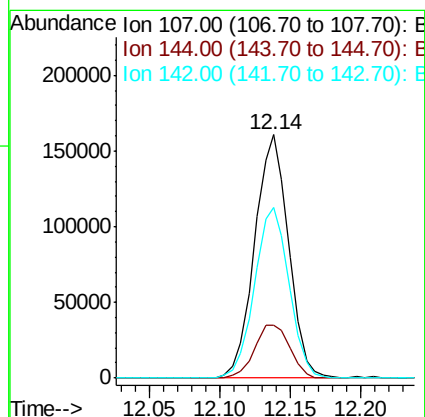
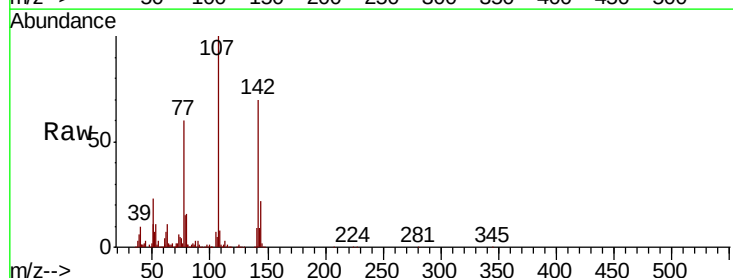
Manual Integrations
 APPROVED

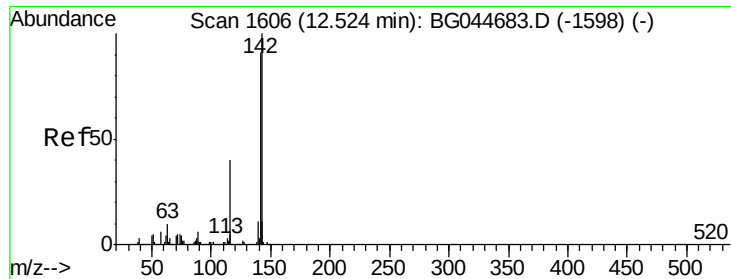
mohammad
 3/6/2020 10:17:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 63.599 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	17.9	26.9
142	69.9	55.8	83.8





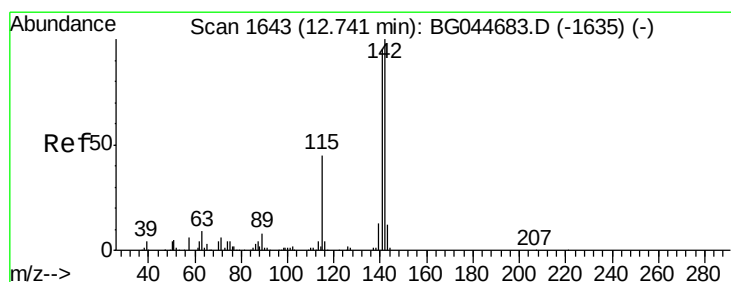
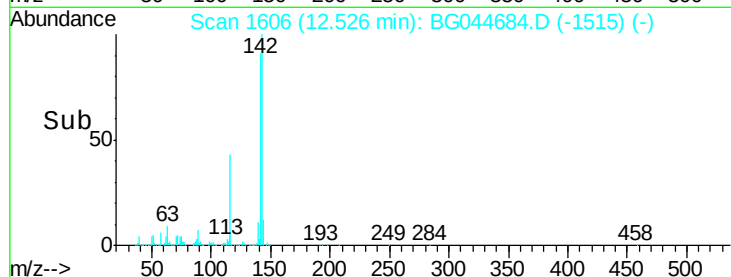
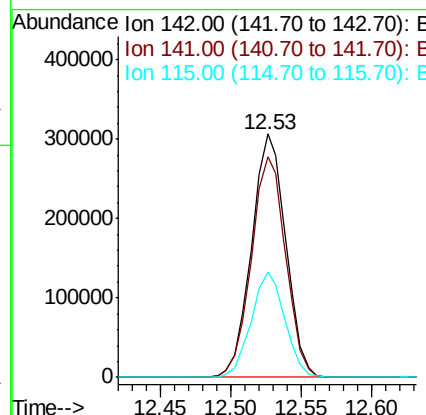
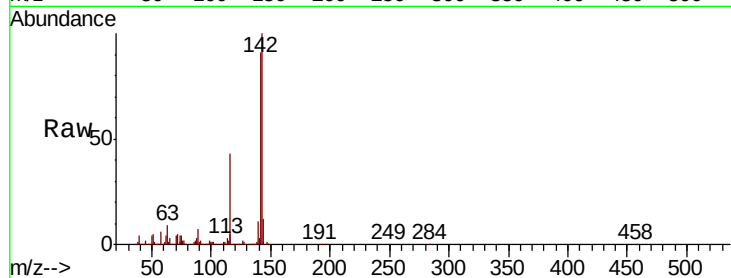
#37
2-Methylnaphthalene
Concen: 53.252 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
115	43.0	32.3	48.5

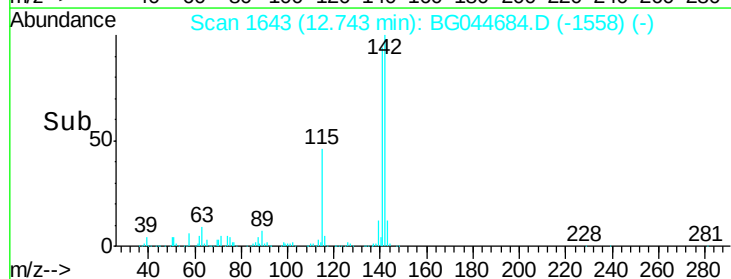
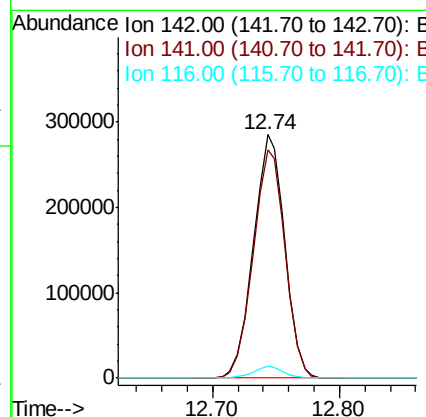
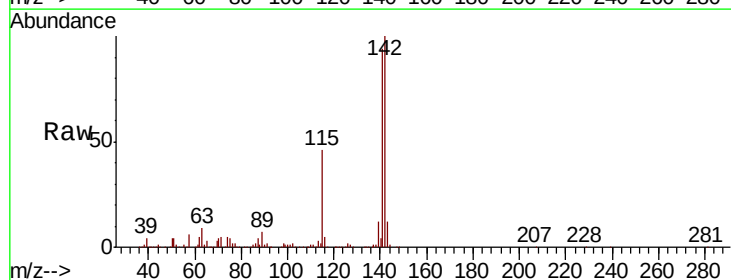
Manual Integrations
APPROVED

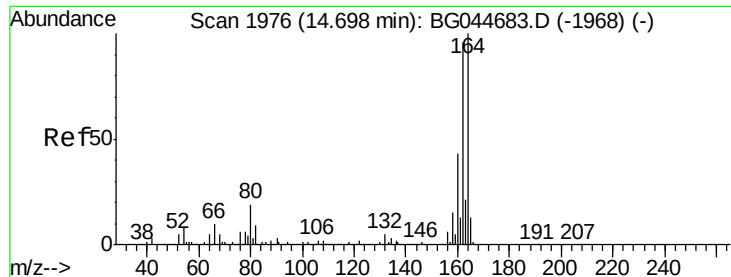
mohammad
3/6/2020 10:17:31 PM



#38
1-Methylnaphthalene
Concen: 52.631 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	76.2	114.2
116	4.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:164 Resp: 168022

Ion Ratio Lower Upper

164 100

162 96.4 76.5 114.7

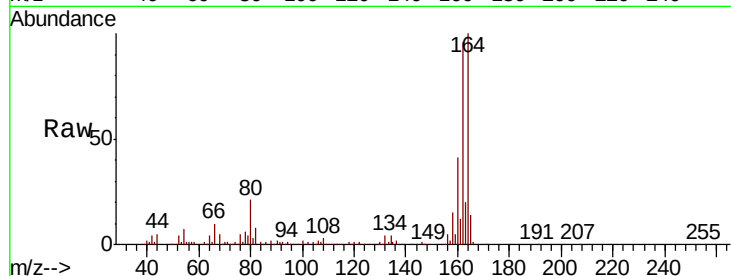
160 40.8 34.8 52.2

Manual Integrations

APPROVED

mohammad

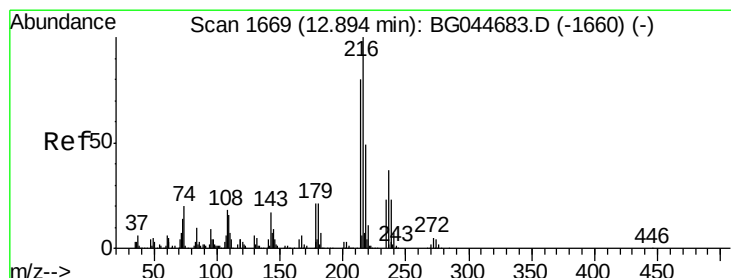
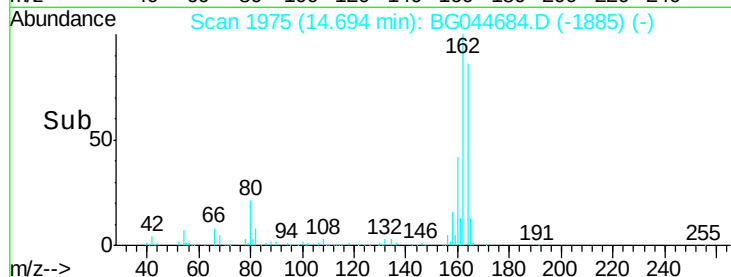
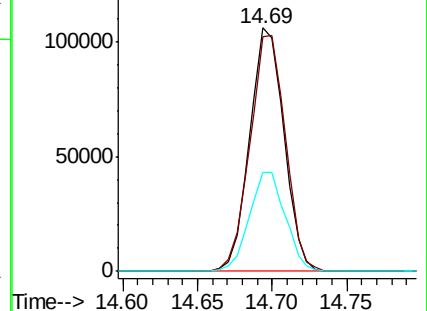
3/6/2020 10:17:31 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.909 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:216 Resp: 282307

Ion Ratio Lower Upper

216 100

214 80.0 64.5 96.7

179 21.6 16.7 25.1

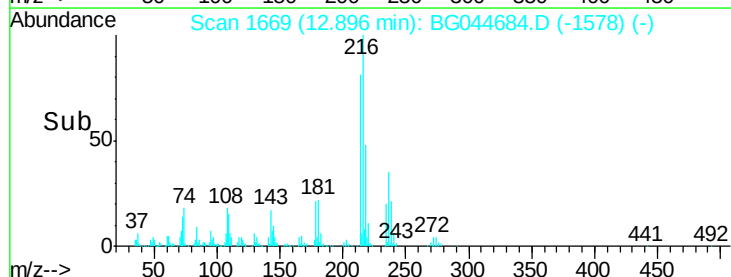
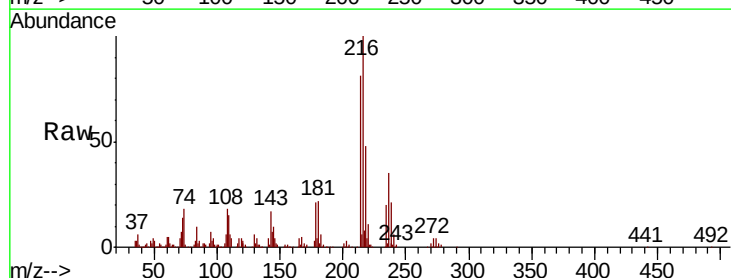
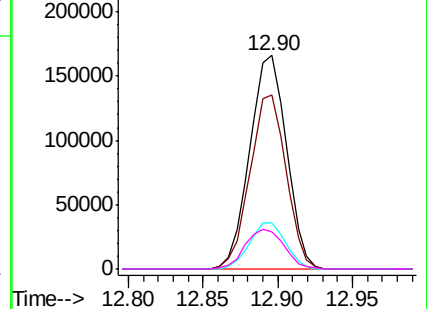
108 19.8 15.8 23.6

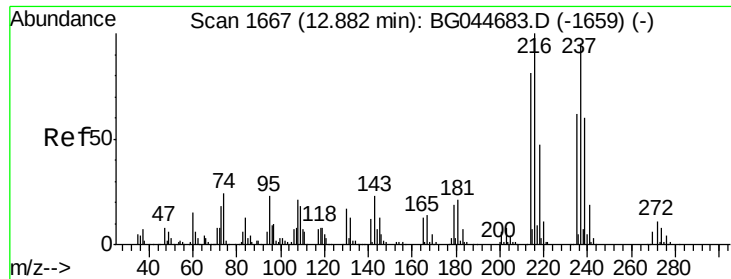
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.618 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

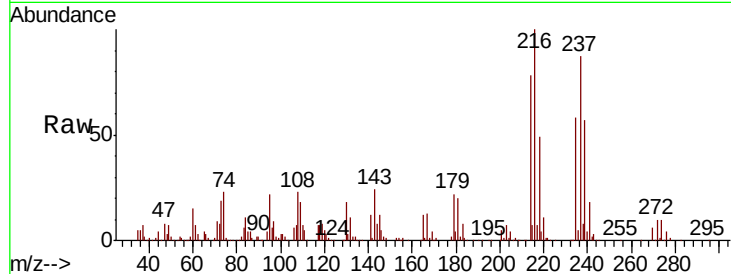
ClientSampleId :

SSTDIC050

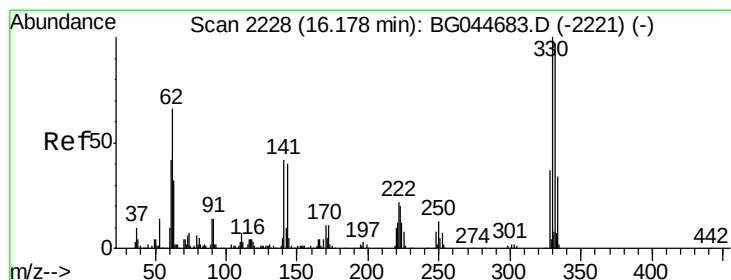
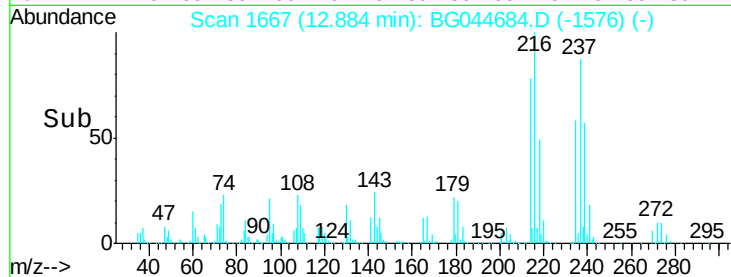
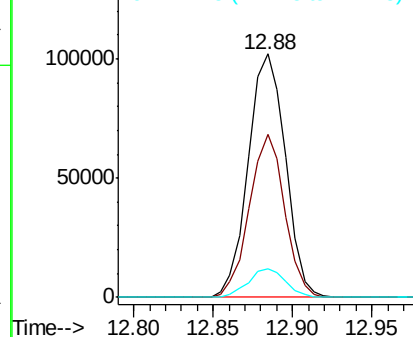
Tot Ion:	237	Resp:	166503
Ion Ratio	Lower	Upper	
237	100		
235	66.9	44.7	84.7
272	11.6	0.0	31.7

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



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



#42

2,4,6-Tribromophenol

Concen: 100.415 ng

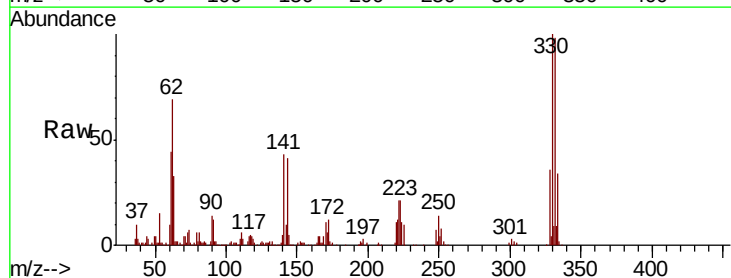
RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

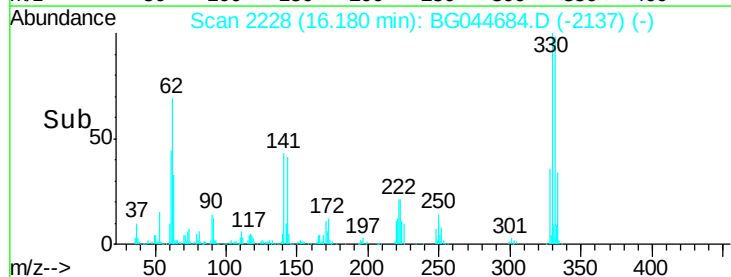
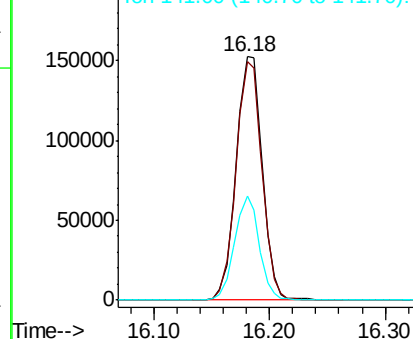
Lab File: BG044684.D

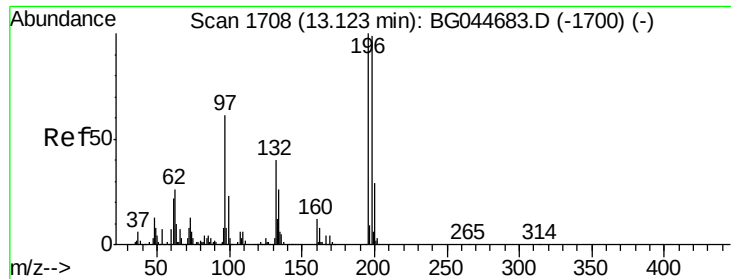
Acq: 5 Mar 2020 14:44

Tgt Ion:	330	Resp:	239230
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	40.4	32.4	48.6



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





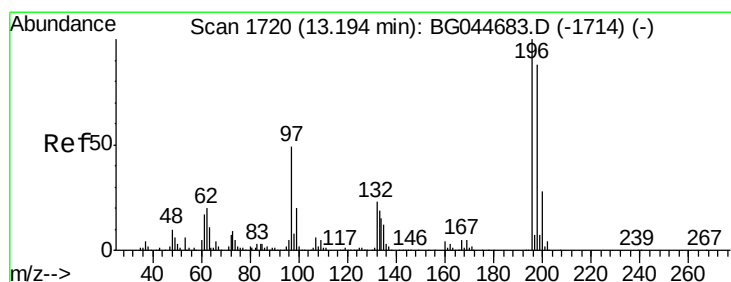
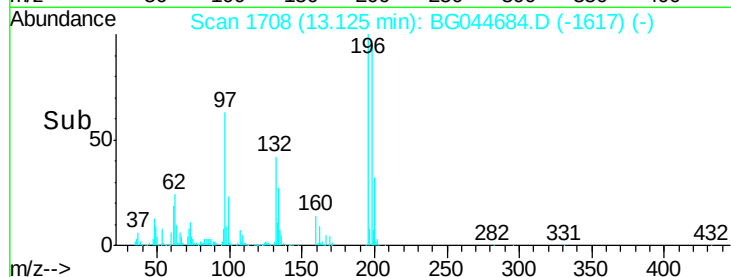
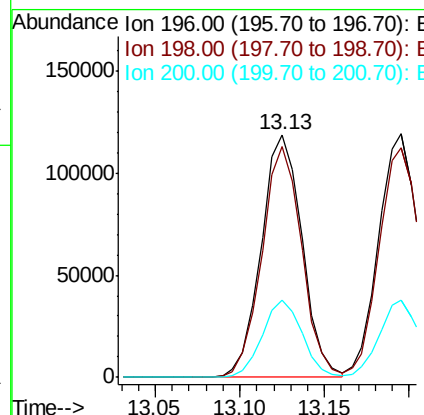
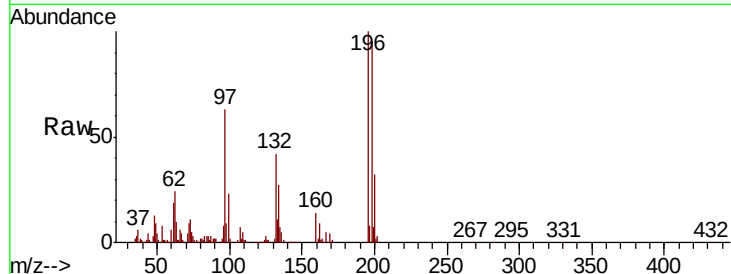
#43
 2,4,6-Trichlorophenol
 Concen: 54.426 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	199897		
198	95.1	79.3	118.9	
200	31.7	23.0	34.6	

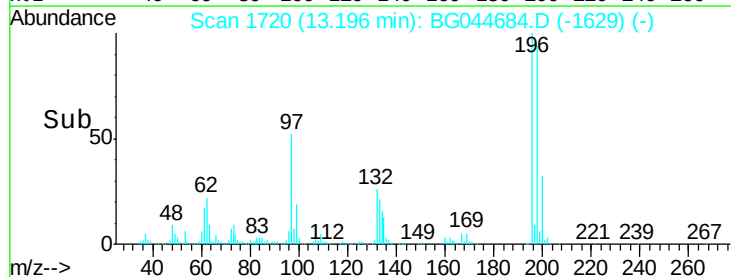
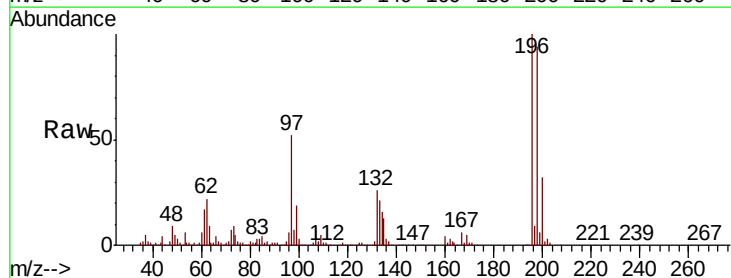
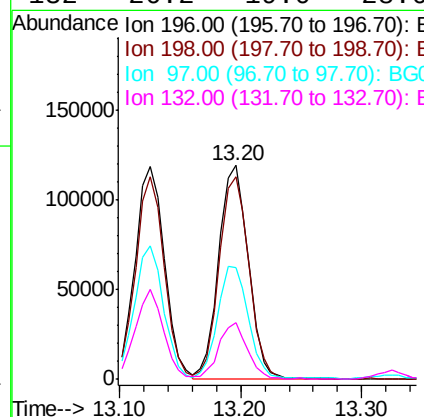
Manual Integrations
 APPROVED

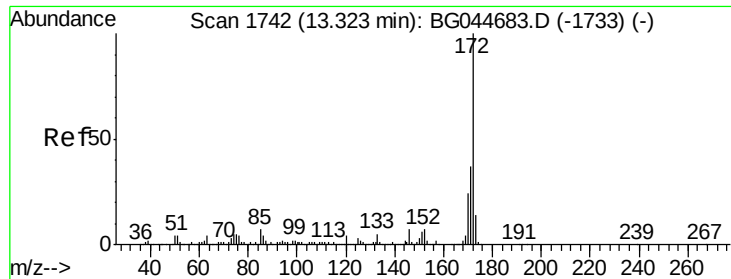
mohammad
 3/6/2020 10:17:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 53.397 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201459		
198	94.4	70.7	106.1	
97	52.3	39.4	59.2	
132	26.2	19.0	28.6	





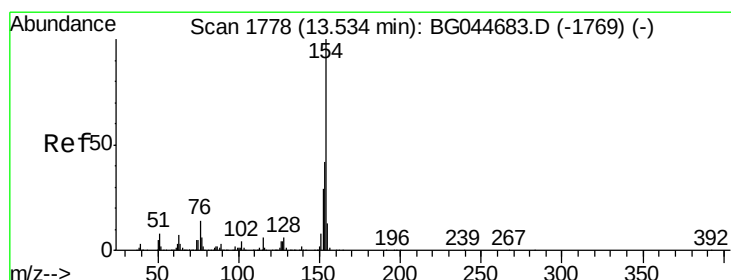
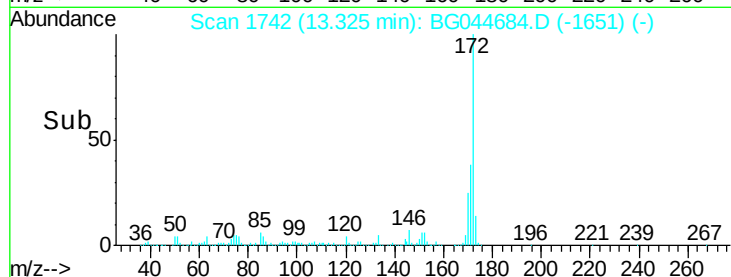
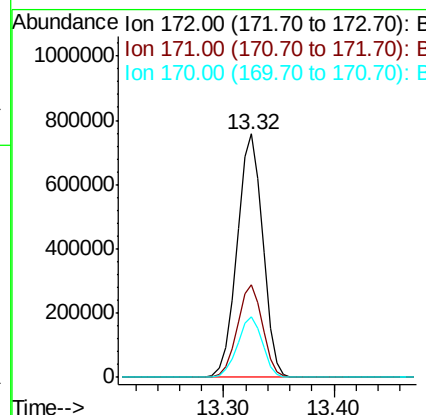
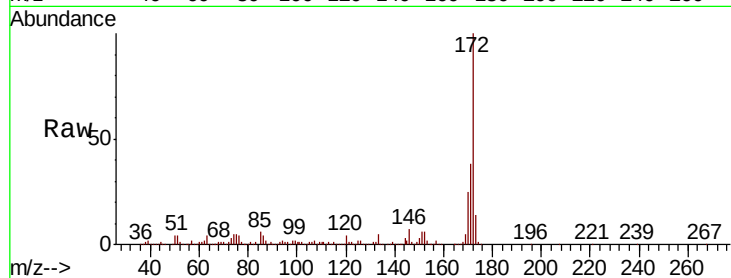
#45
2-Fluorobiphenyl
Concen: 104.924 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.8
170	24.8	19.3	28.9

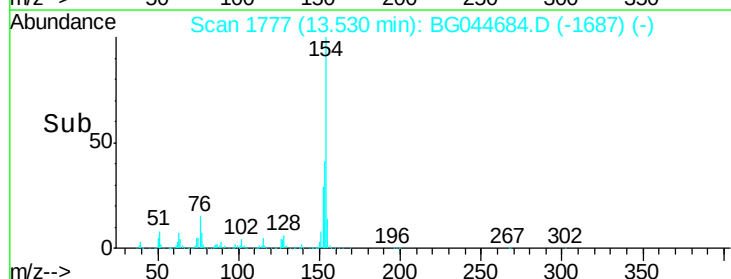
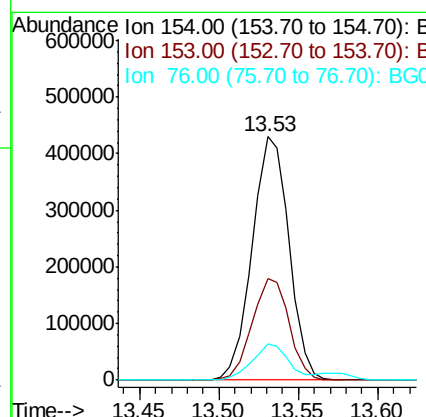
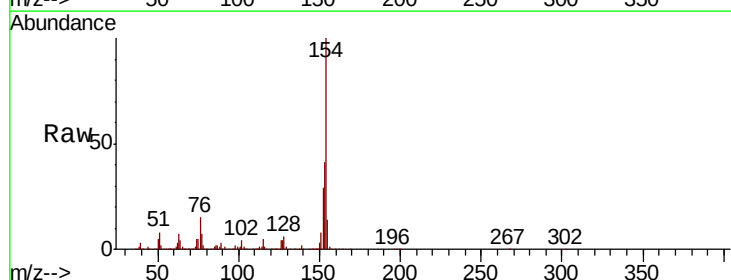
Manual Integrations
APPROVED

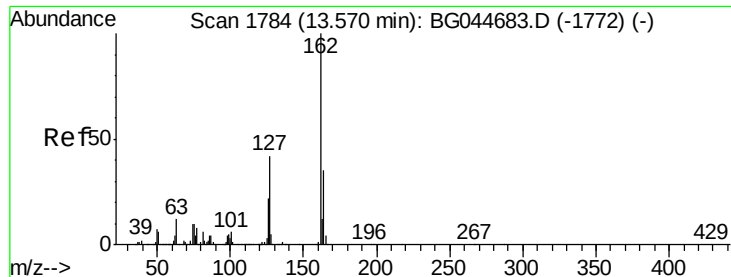
mohammad
3/6/2020 10:17:31 PM



#46
1,1'-Biphenyl
Concen: 49.790 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	14.8	0.0	34.5





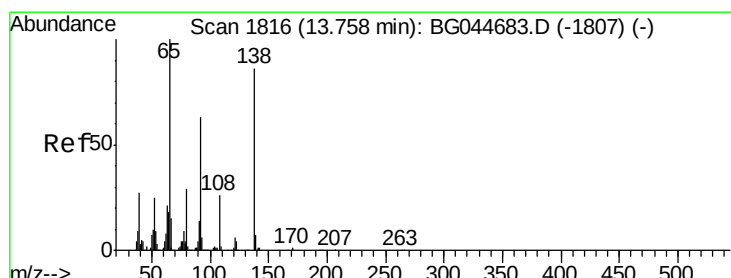
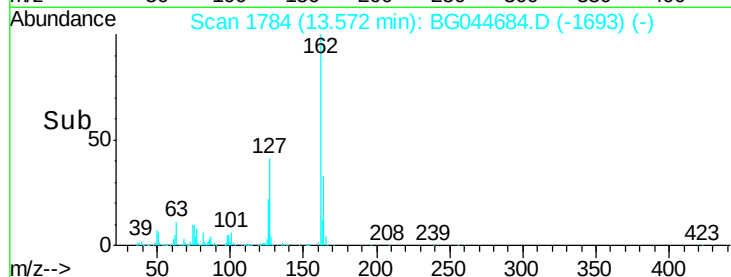
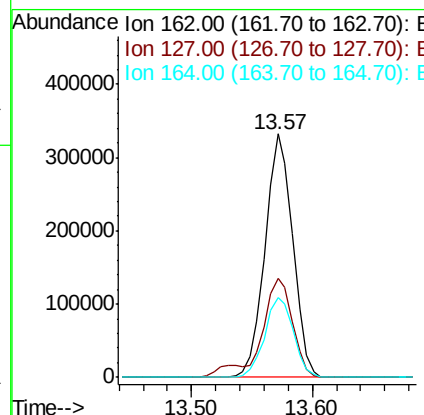
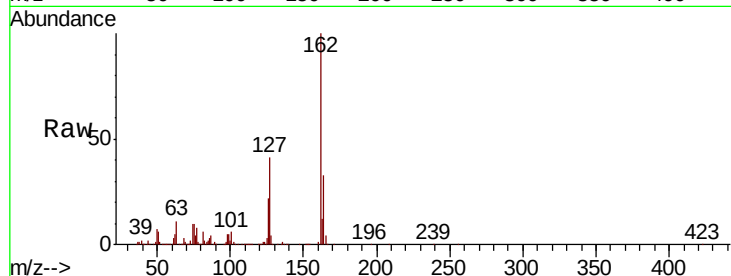
#47
2-Chloronaphthalene
Concen: 48.265 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	32.9	28.3	42.5

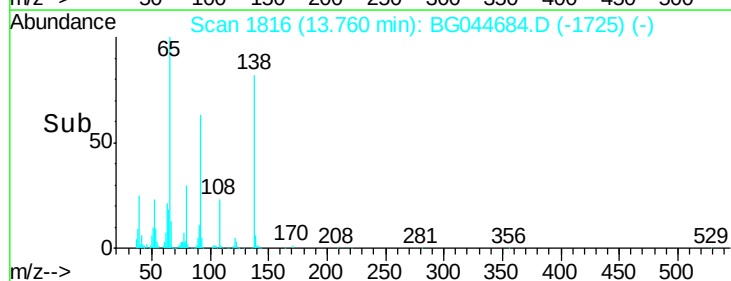
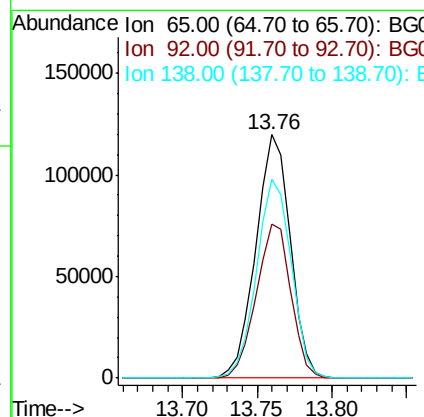
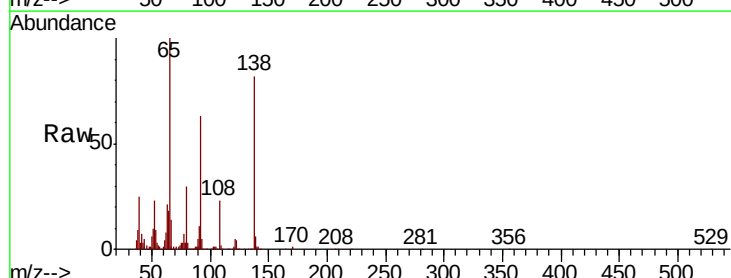
Manual Integrations
APPROVED

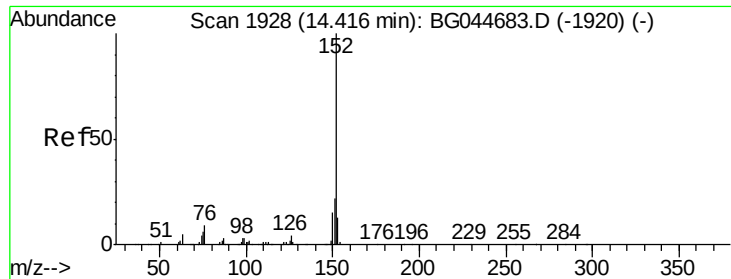
mohammad
3/6/2020 10:17:31 PM



#48
2-Nitroaniline
Concen: 63.165 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.6	75.8
138	81.6	68.8	103.2





#49

Acenaphthylene

Concen: 52.085 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

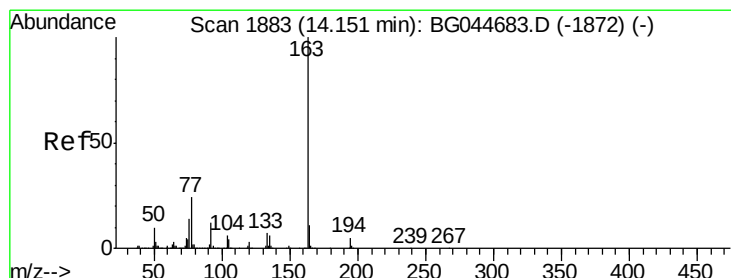
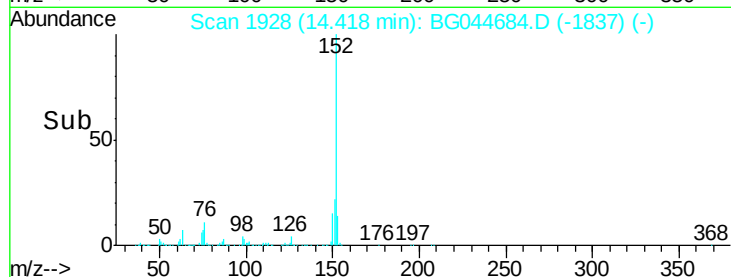
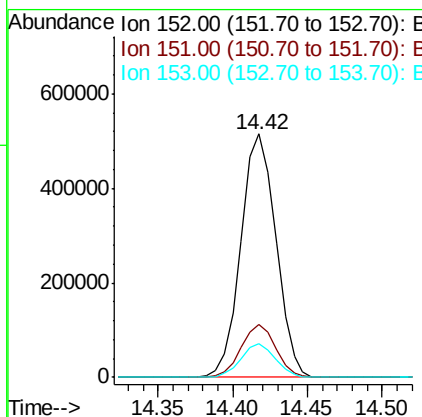
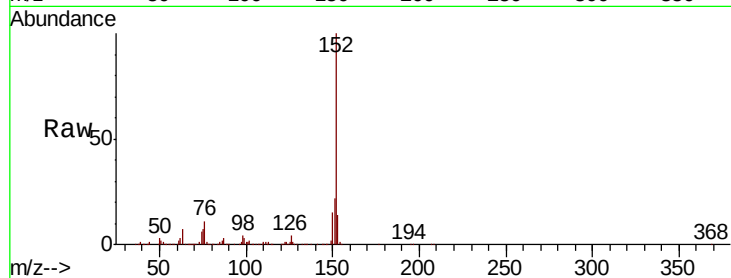
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	838290
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.6	26.4
153	13.8	10.7	16.1

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#50

Dimethylphthalate

Concen: 52.442 ng

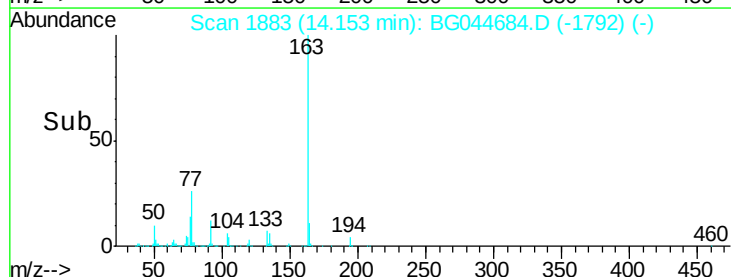
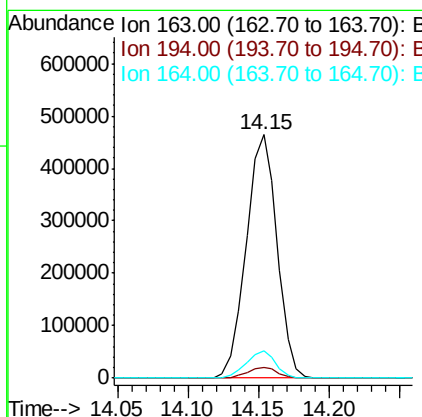
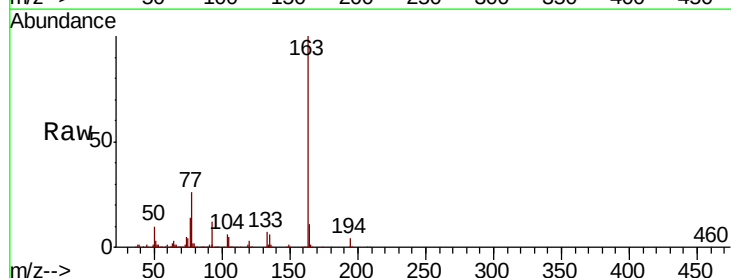
RT: 14.15 min Scan# 1883

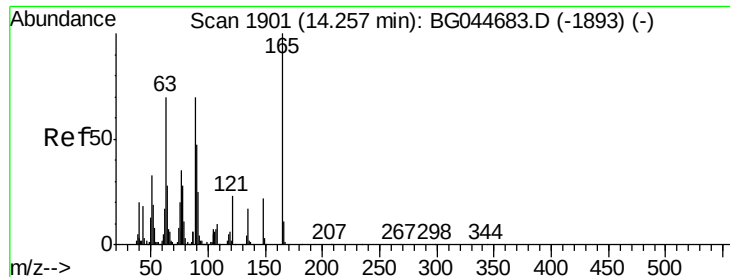
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion:	163	Resp:	711198
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	11.2	8.6	12.8





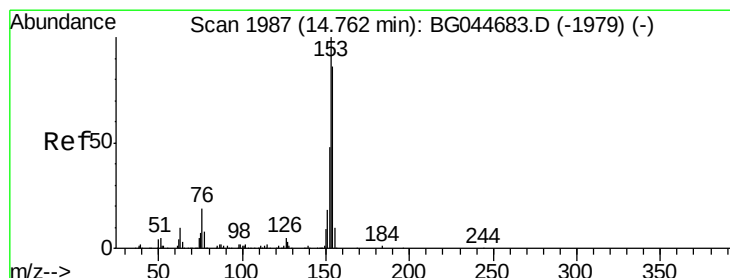
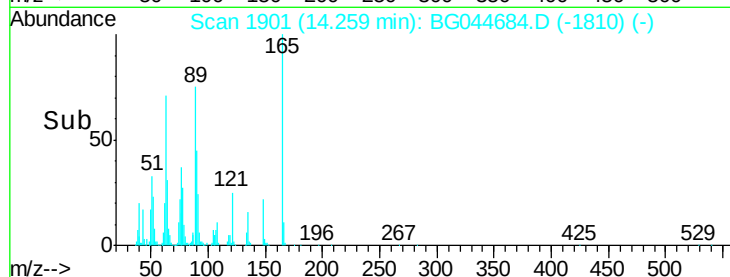
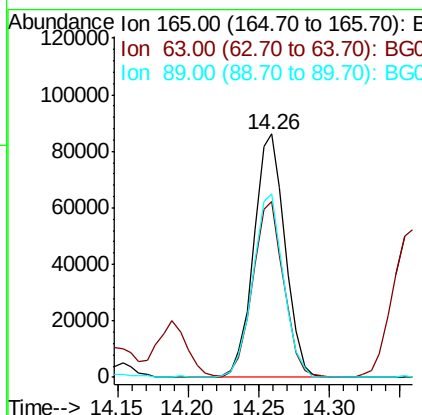
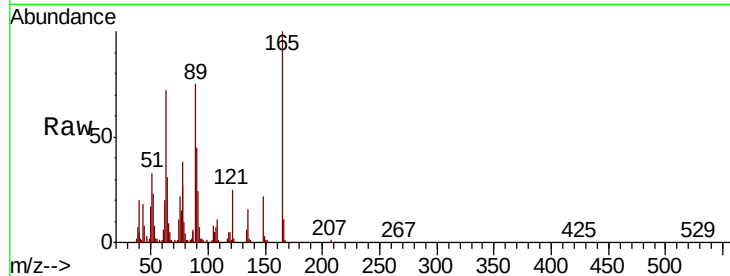
#51
 2,6-Dinitrotoluene
 Concen: 44.740 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion:	165	Resp:	133815
Ion Ratio	Lower	Upper	
165	100		
63	72.0	57.4	86.0
89	75.1	56.2	84.2

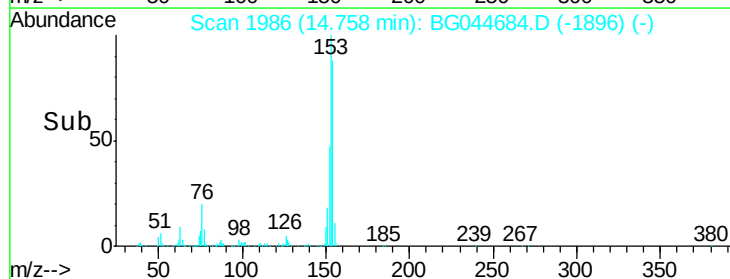
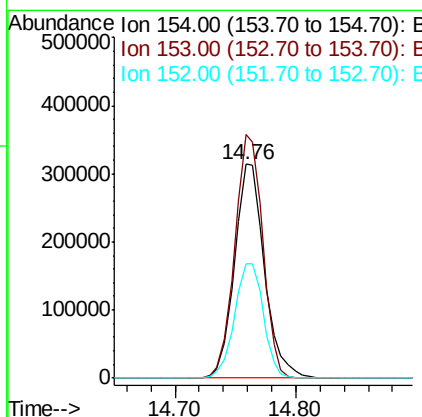
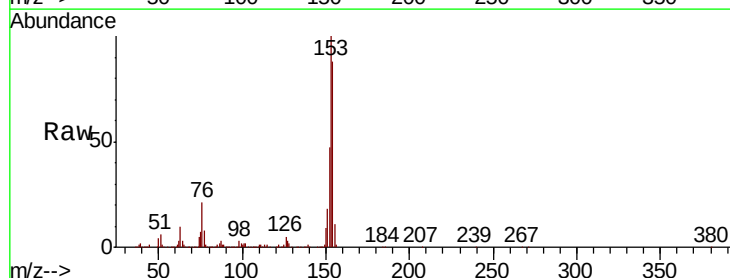
Manual Integrations
 APPROVED

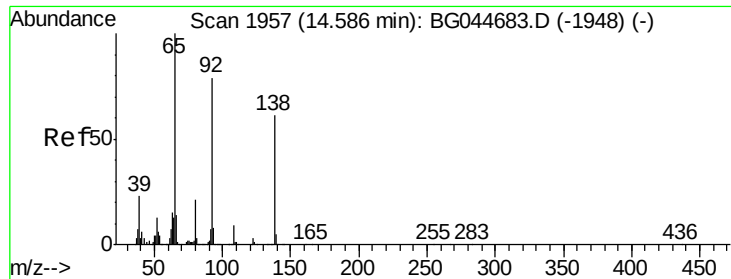
mohammad
 3/6/2020 10:17:31 PM



#52
 Acenaphthene
 Concen: 52.763 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:	154	Resp:	541324
Ion Ratio	Lower	Upper	
154	100		
153	113.9	92.6	138.8
152	53.3	44.2	66.4





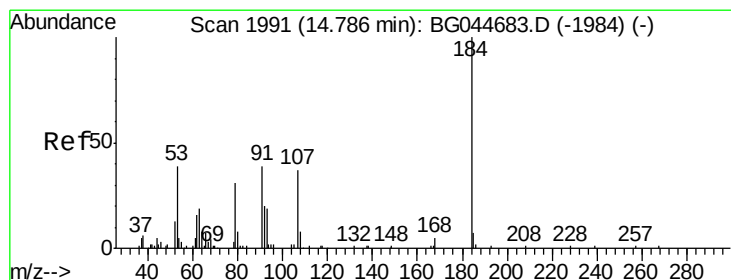
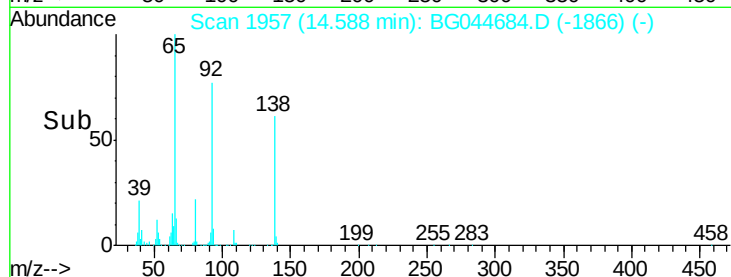
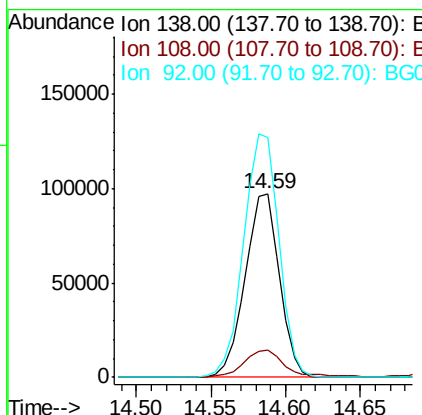
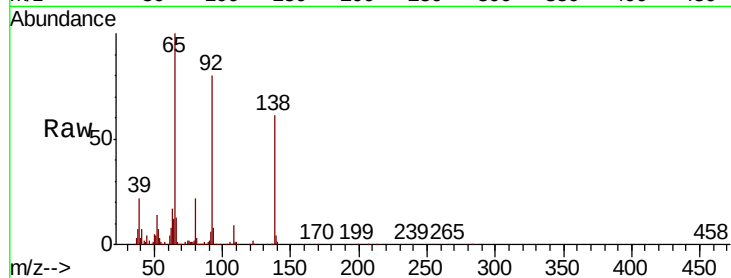
#53
3-Nitroaniline
Concen: 47.806 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.0	12.2	18.4
92	130.9	105.1	157.7

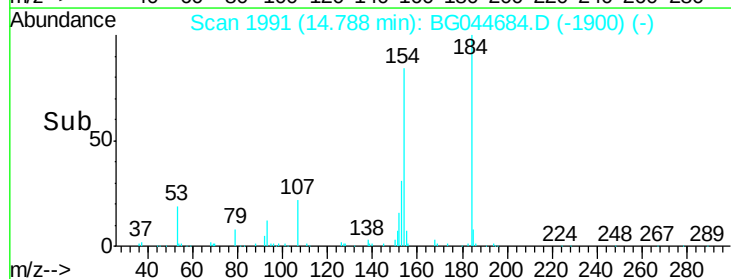
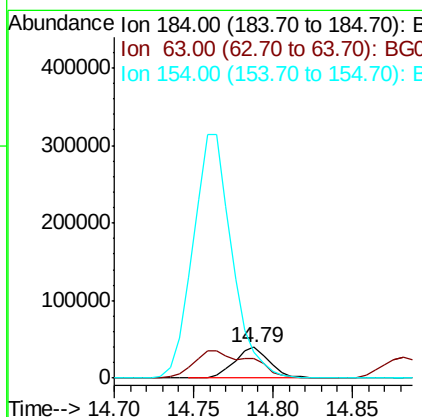
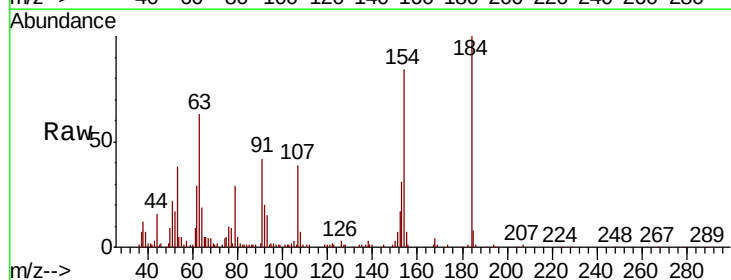
Manual Integrations
APPROVED

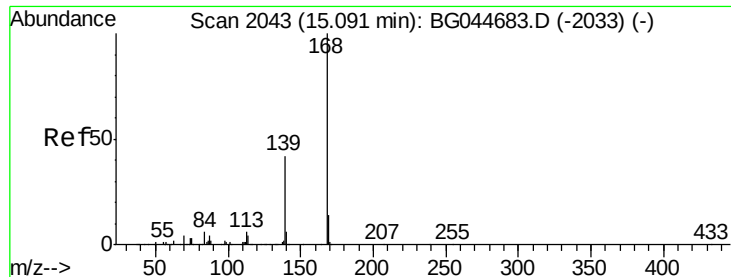
mohammad
3/6/2020 10:17:31 PM



#54
2,4-Dinitrophenol
Concen: 42.497 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	42.4	63.6
154	84.0	75.0	112.4





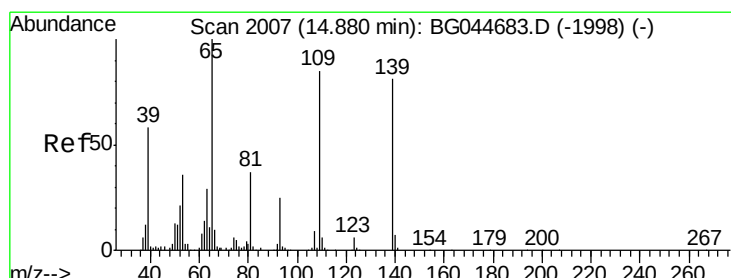
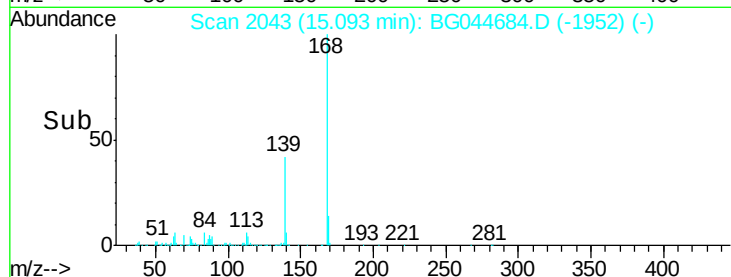
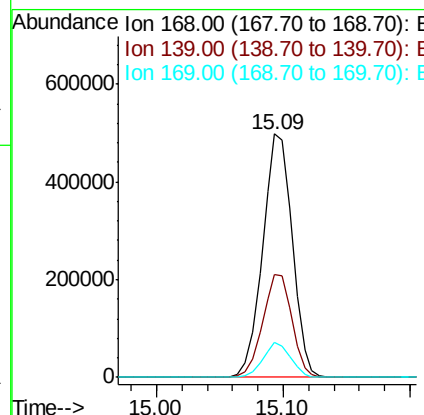
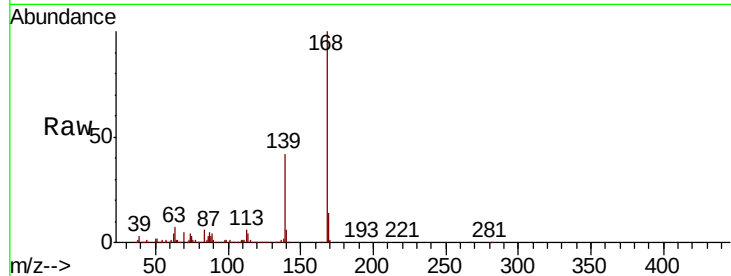
#55
Dibenzofuran
Concen: 51.421 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.8	50.6
169	14.5	11.0	16.4

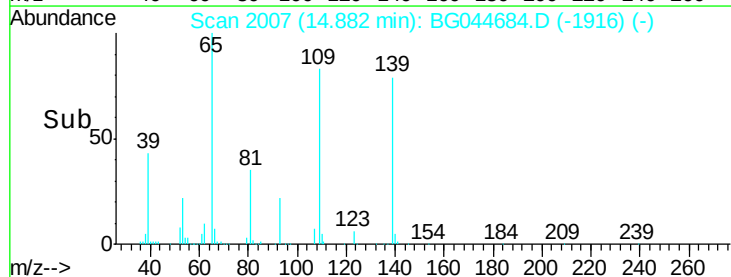
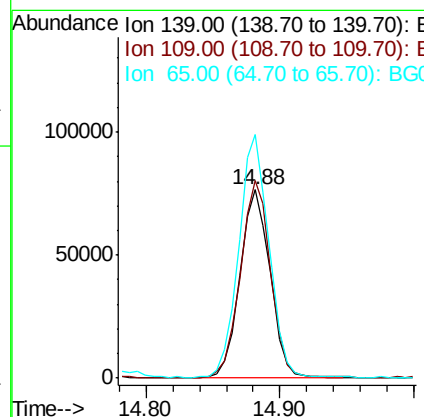
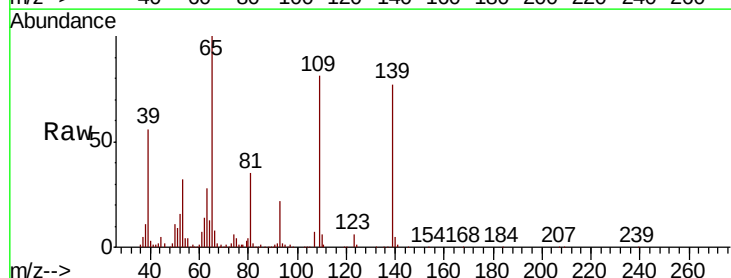
Manual Integrations
APPROVED

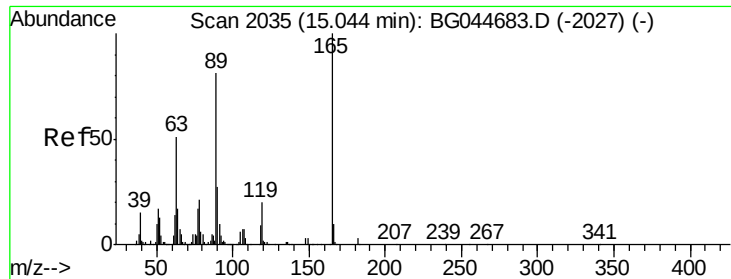
mohammad
3/6/2020 10:17:31 PM



#56
4-Nitrophenol
Concen: 53.878 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.4	86.0	126.0
65	129.5	104.5	144.5





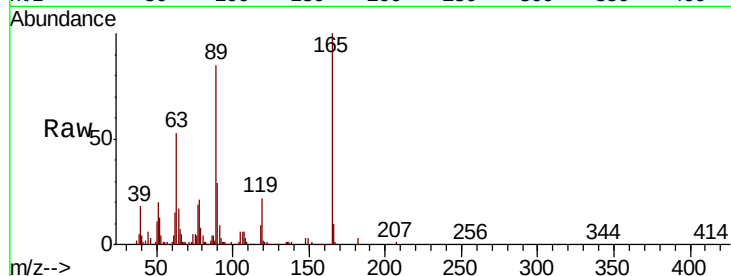
#57
2,4-Dinitrotoluene
Concen: 43.268 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

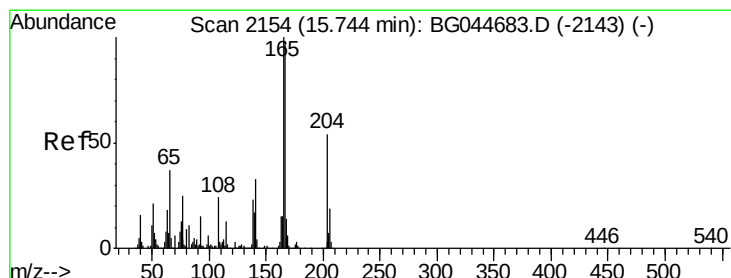
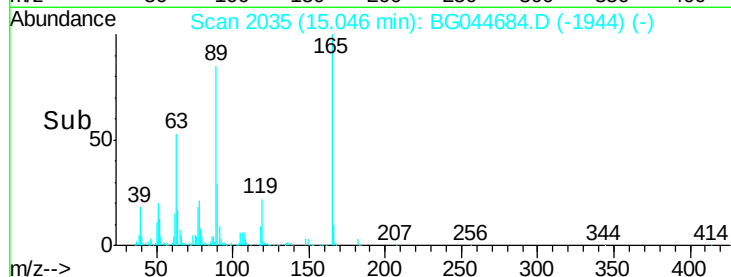
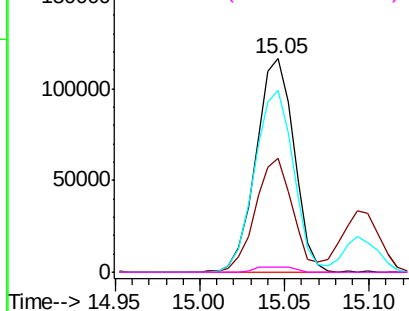
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		181945		
63	53.1		40.6	61.0	
89	85.1		65.0	97.6	
182	2.7		2.4	3.6	

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM

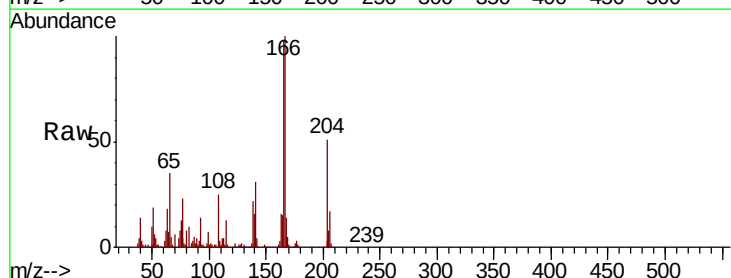


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

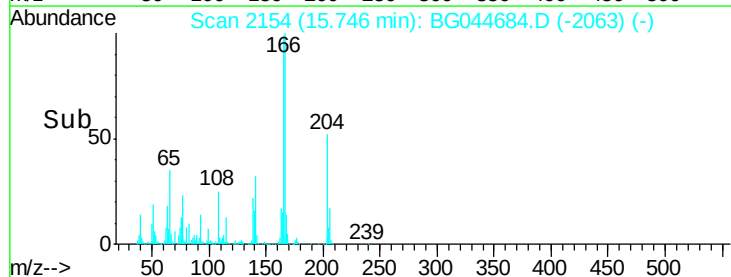
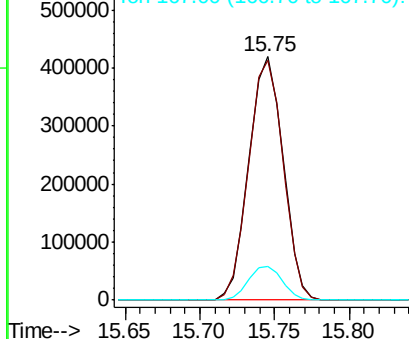


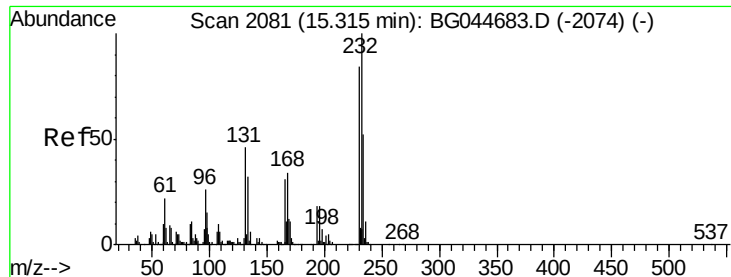
#58
Fluorene
Concen: 53.332 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		665099		
165	98.3		81.3	121.9	
167	14.0		11.0	16.6	



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





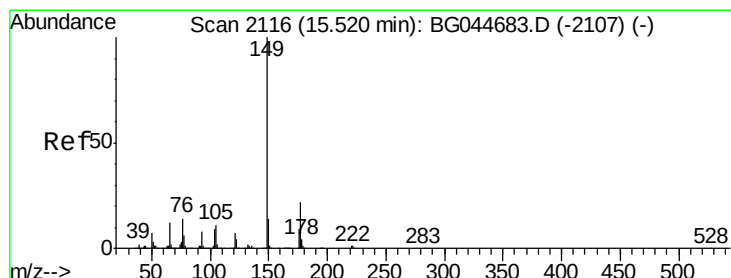
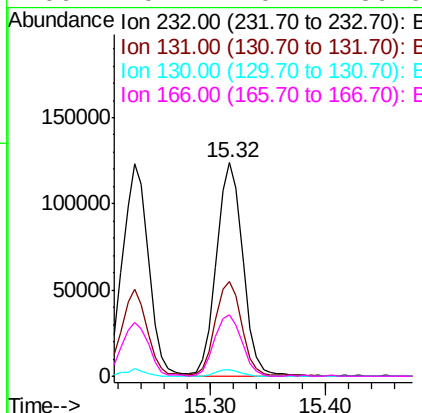
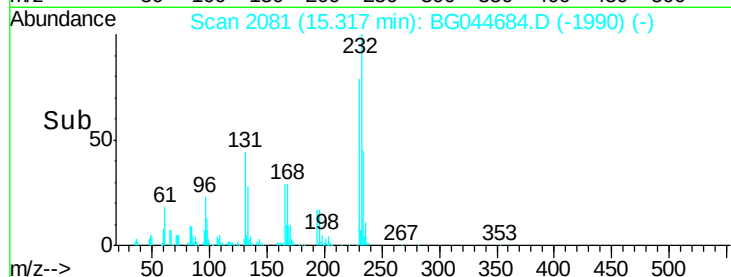
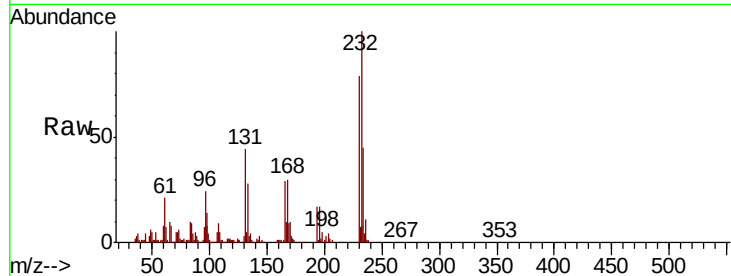
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.802 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197351		
131	44.9	33.0	49.6	
130	3.0	2.2	3.2	
166	29.2	20.4	30.6	

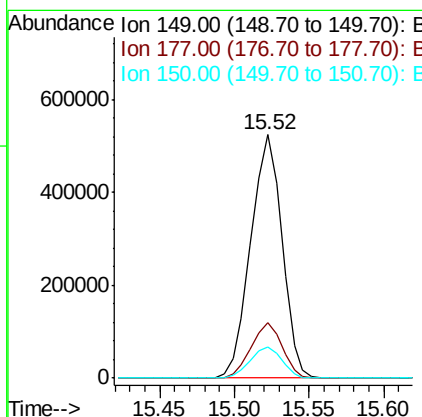
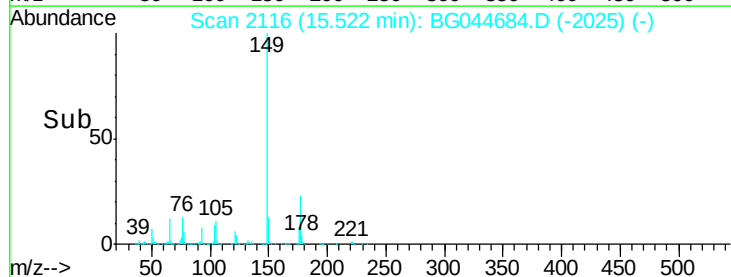
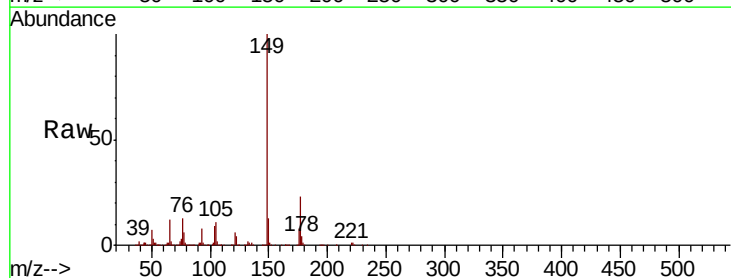
Manual Integrations
 APPROVED

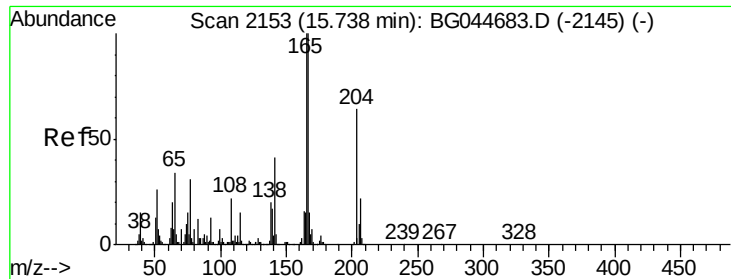
mohammad
 3/6/2020 10:17:31 PM



#60
 Diethylphthalate
 Concen: 56.553 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	759916		
177	22.5	17.5	26.3	
150	12.9	10.8	16.2	





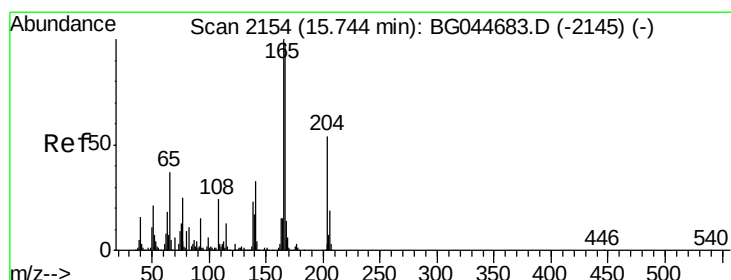
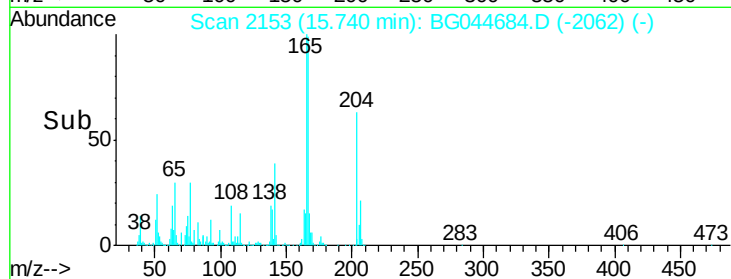
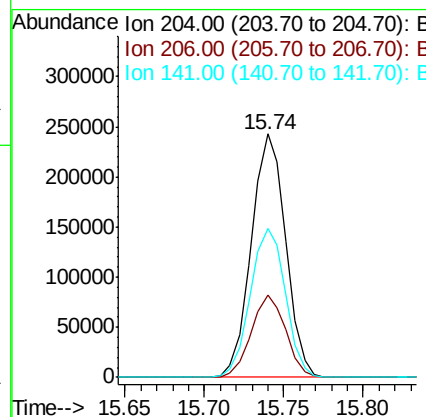
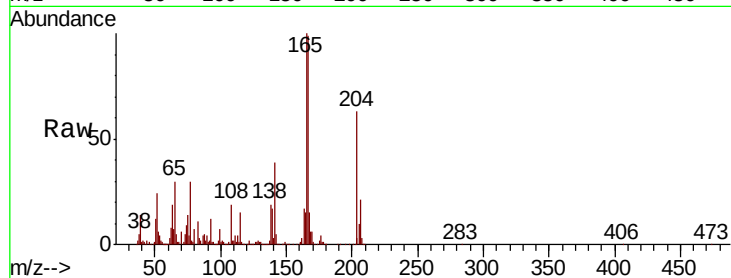
#61
4-Chlorophenyl-phenylether
Concen: 53.869 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.7	41.5
141	61.4	51.0	76.4

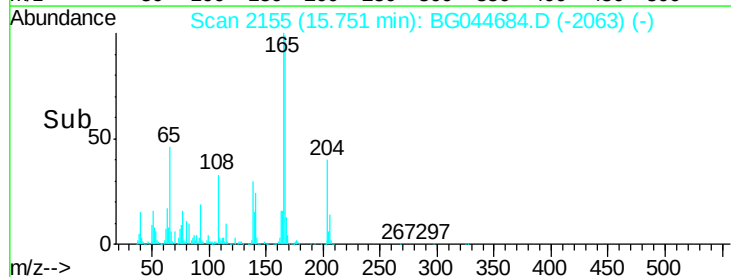
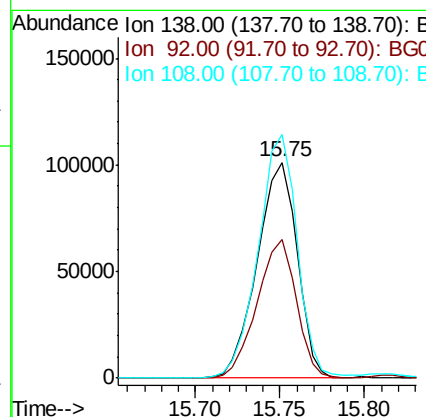
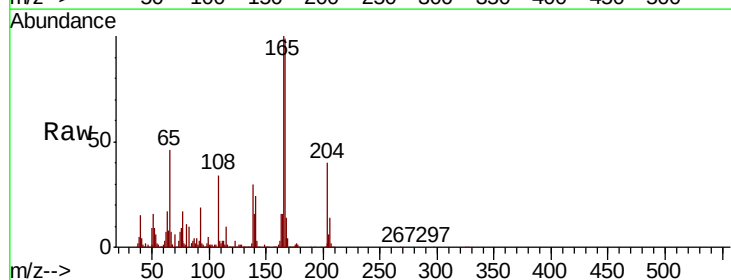
Manual Integrations
APPROVED

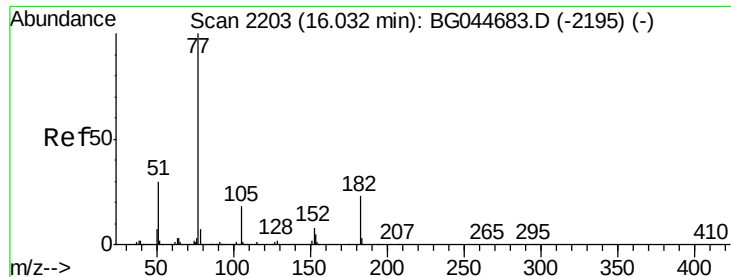
mohammad
3/6/2020 10:17:31 PM



#62
4-Nitroaniline
Concen: 51.655 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.0	43.1	83.1
108	112.7	85.2	125.2





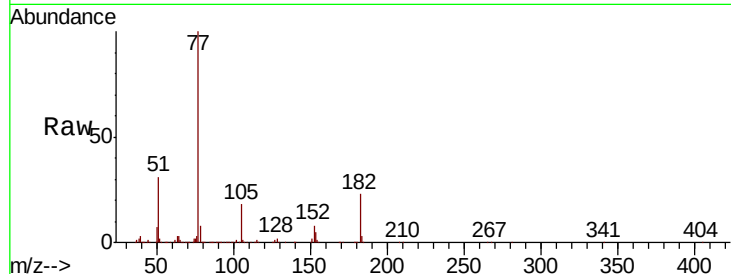
#63
Azobenzene
Concen: 69.908 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

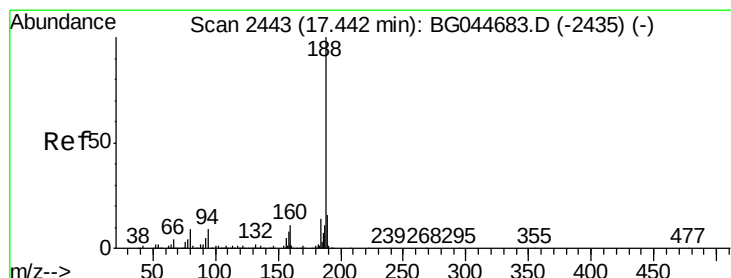
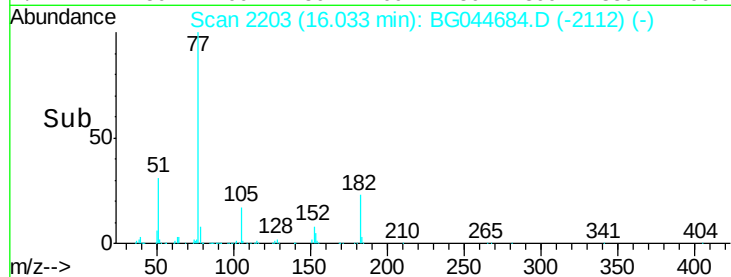
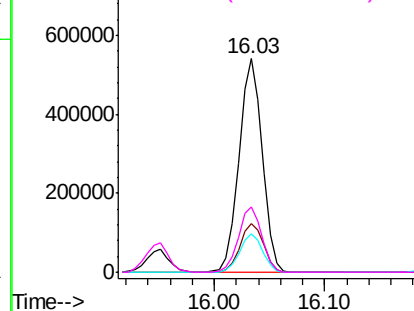
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.1	2.7	42.7	
105	18.1	0.0	38.1	
51	30.8	10.3	50.3	

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



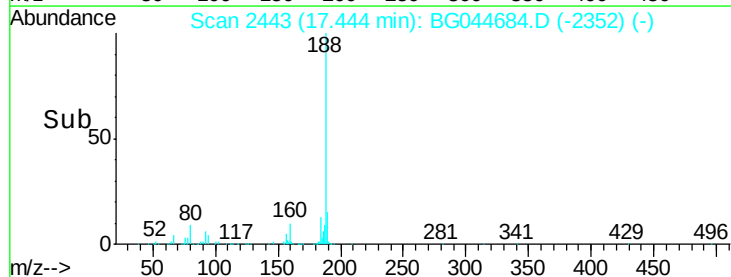
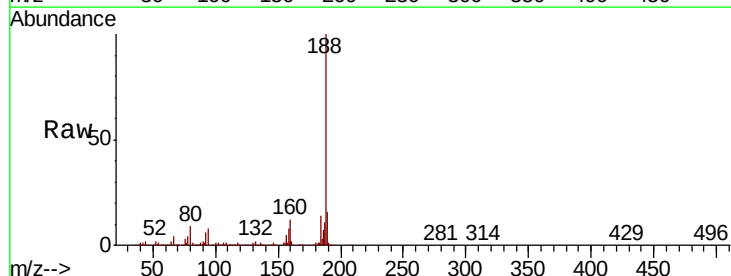
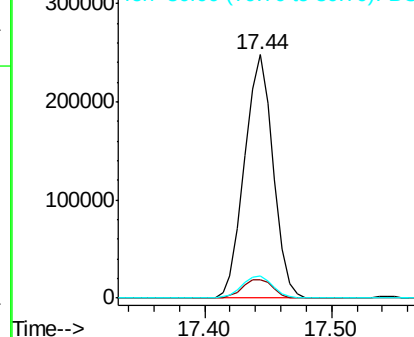
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

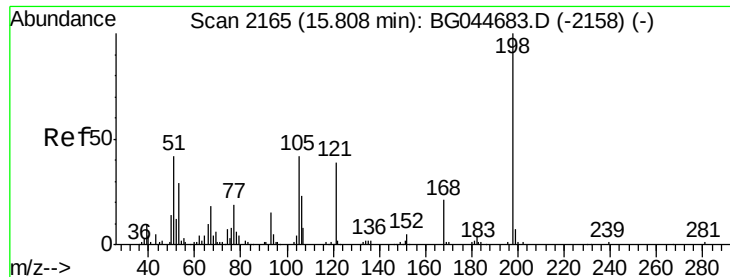


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	7.4	11.0	
80	9.2	7.3	10.9	

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: 33.859 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 81106

Ion Ratio Lower Upper

198 100

51 44.9 27.1 67.1

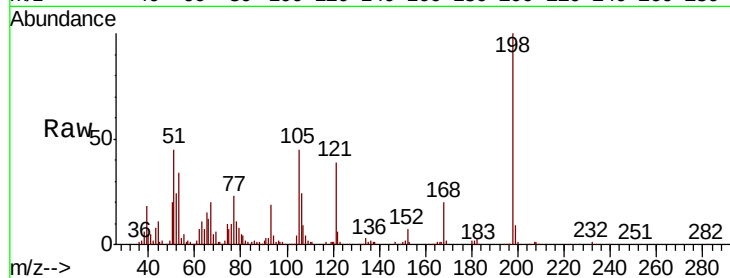
105 45.5 23.6 63.6

Manual Integrations

APPROVED

mohammad

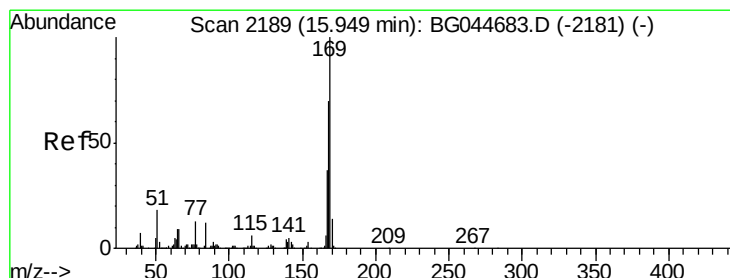
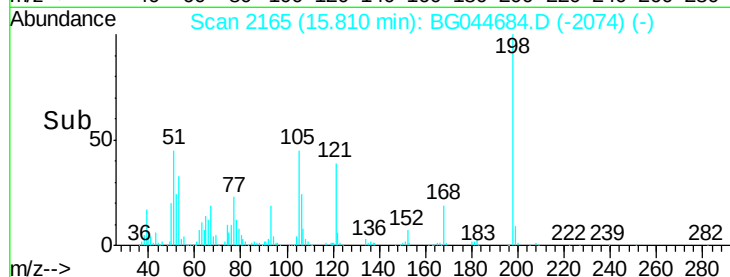
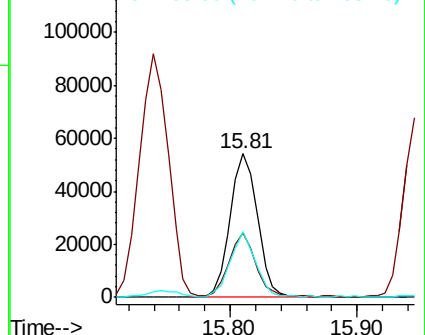
3/6/2020 10:17:31 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.788 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

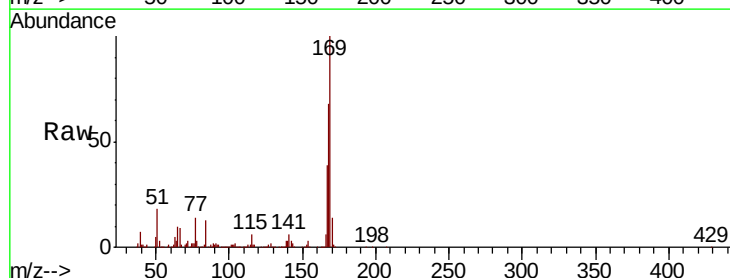
Tgt Ion:169 Resp: 612876

Ion Ratio Lower Upper

169 100

168 68.0 56.2 84.2

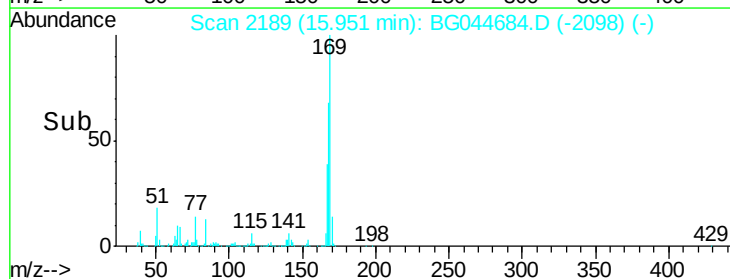
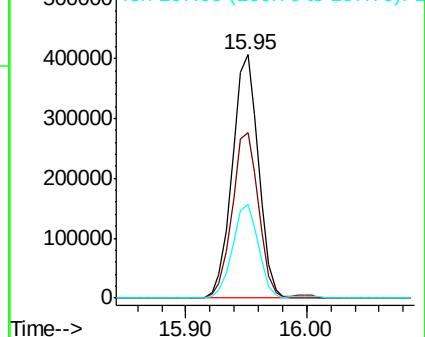
167 38.6 29.4 44.2

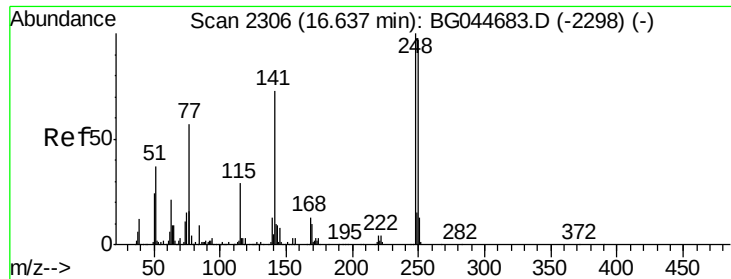


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





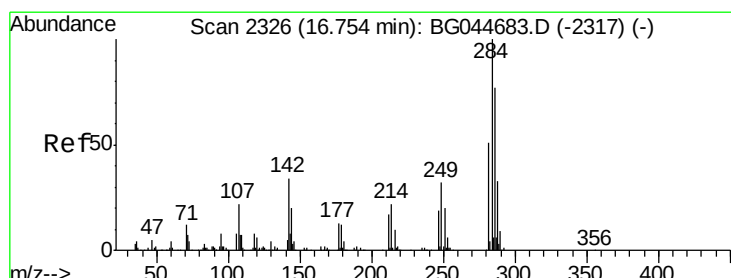
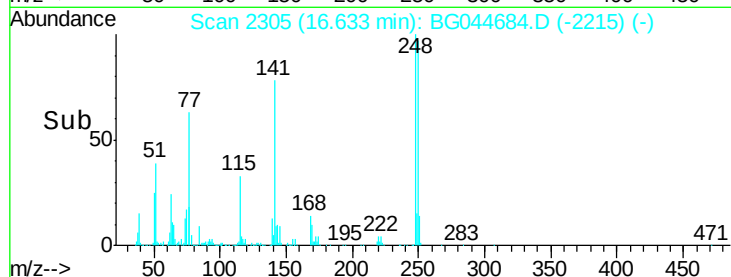
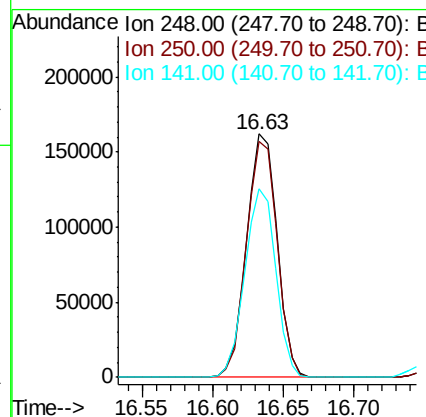
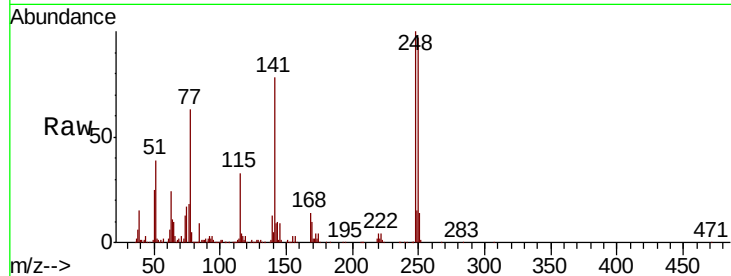
#67
4-Bromophenyl-phenylether
Concen: 51.445 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	77.6	58.1	87.1

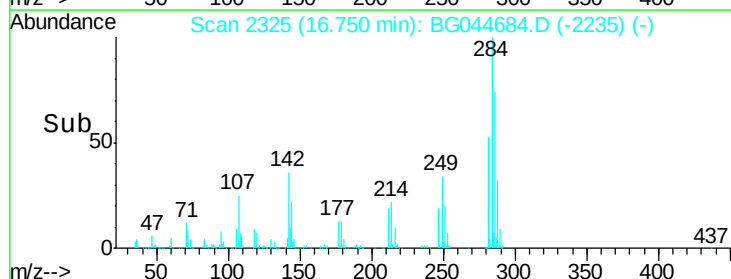
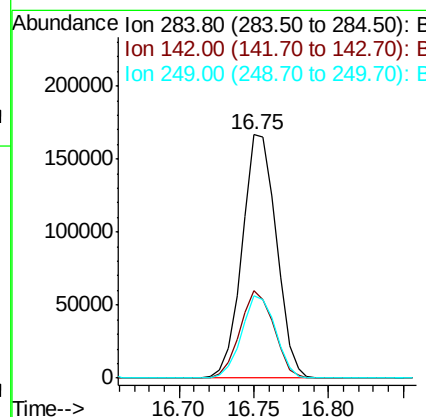
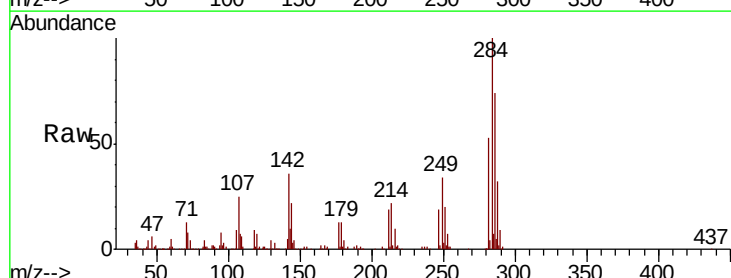
Manual Integrations
APPROVED

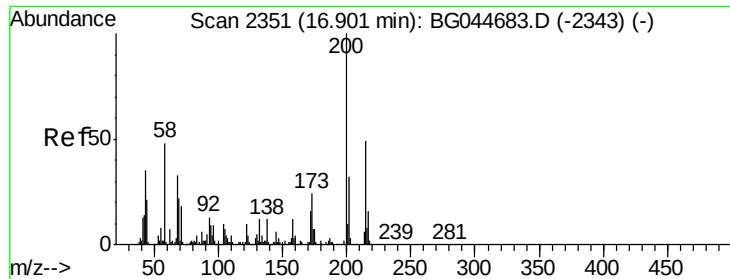
mohammad
3/6/2020 10:17:31 PM



#68
Hexachlorobenzene
Concen: 48.726 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.2	40.8
249	33.9	25.7	38.5





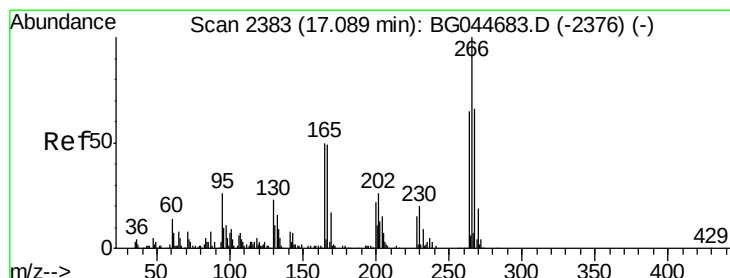
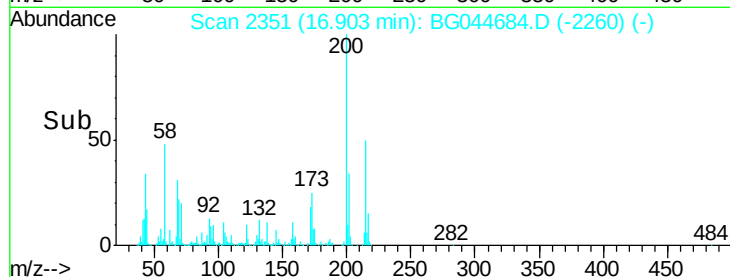
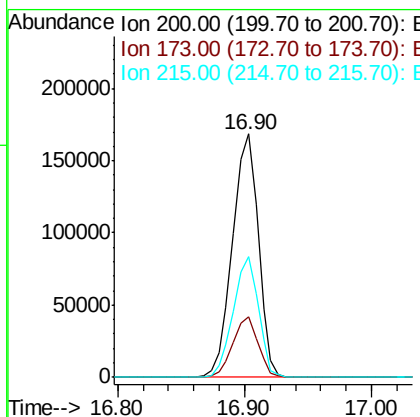
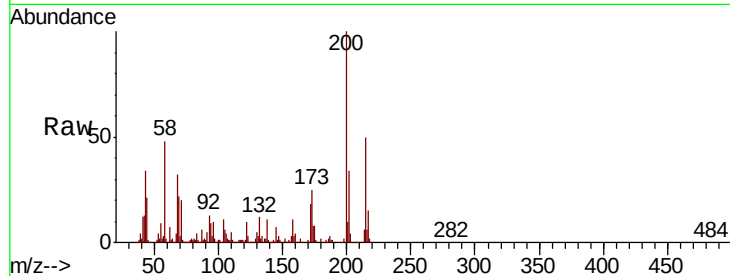
#69
Atrazine
Concen: 53.164 ng
RT: 16.90 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.0	44.0
215	49.6	29.1	69.1

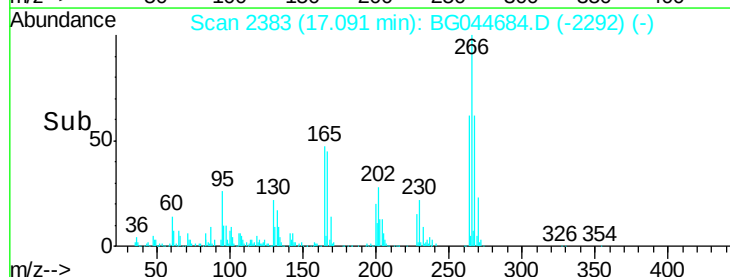
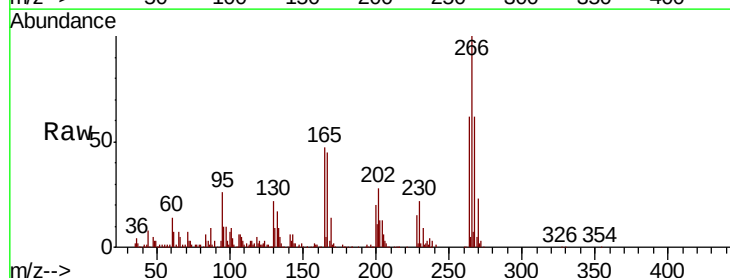
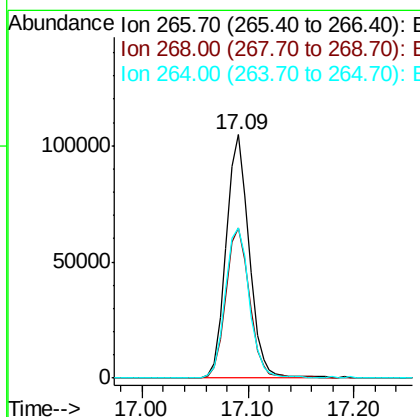
Manual Integrations
APPROVED

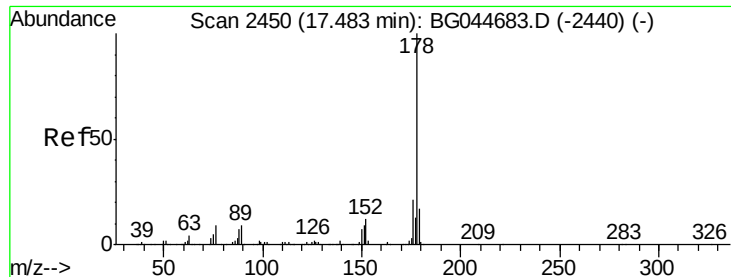
mohammad
3/6/2020 10:17:31 PM



#70
Pentachlorophenol
Concen: 70.063 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	52.7	79.1
264	61.6	52.3	78.5





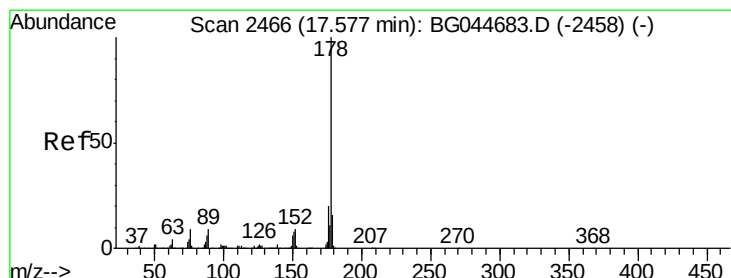
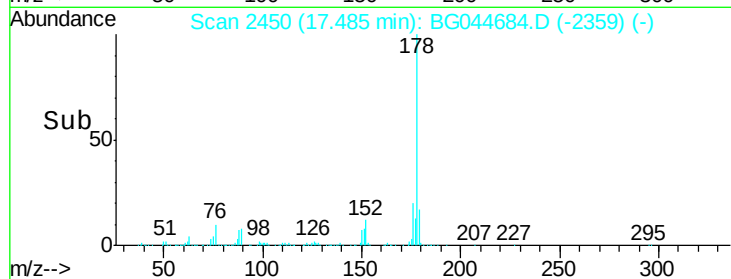
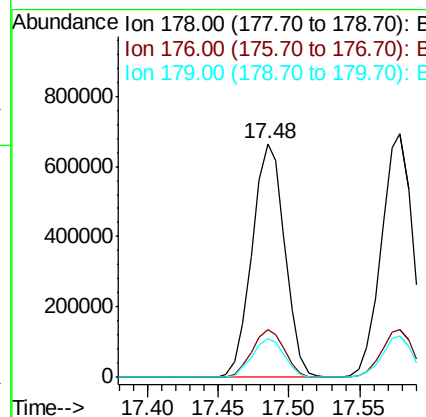
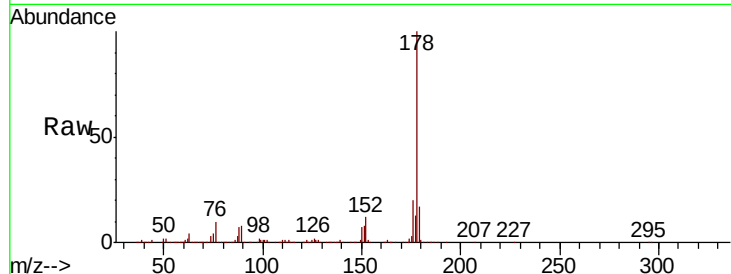
#71
Phenanthrene
Concen: 50.559 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	16.6	13.8	20.8

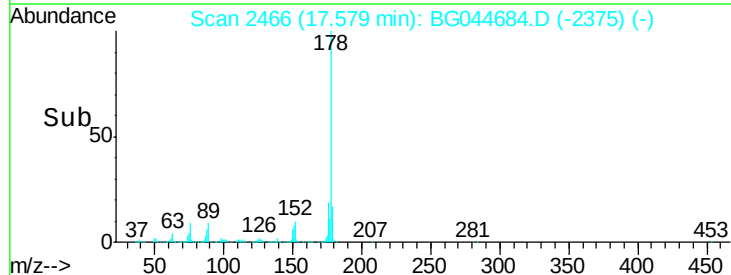
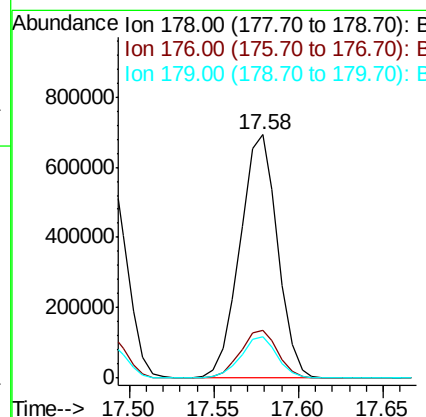
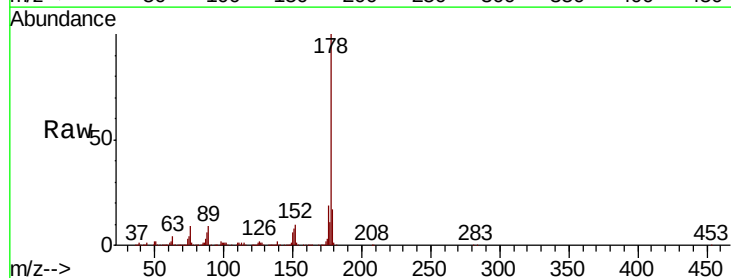
Manual Integrations
APPROVED

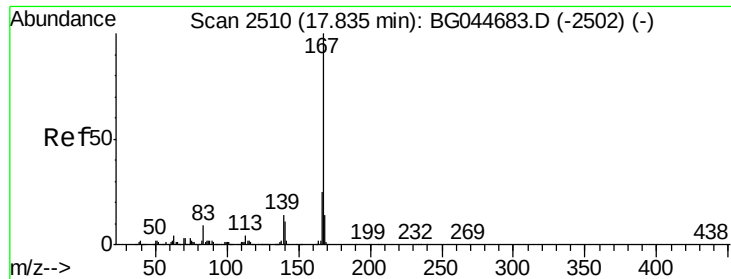
mohammad
3/6/2020 10:17:31 PM



#72
Anthracene
Concen: 50.620 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.7	12.6	19.0





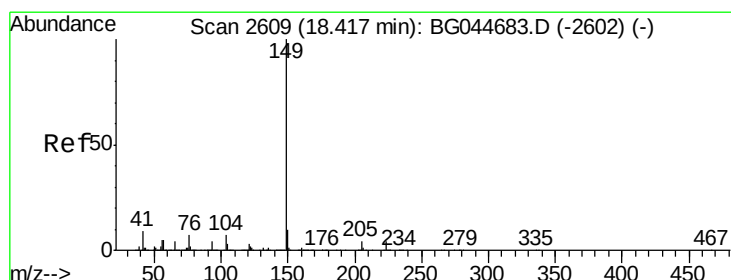
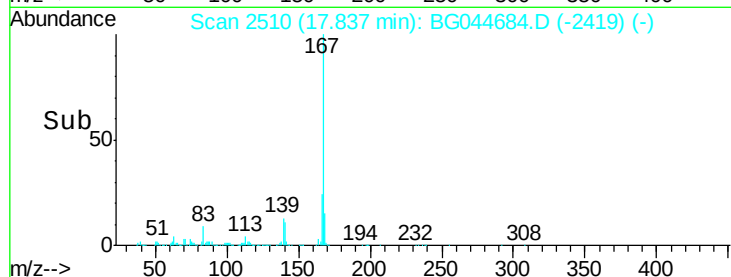
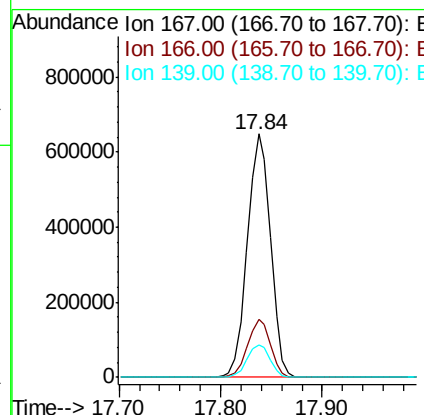
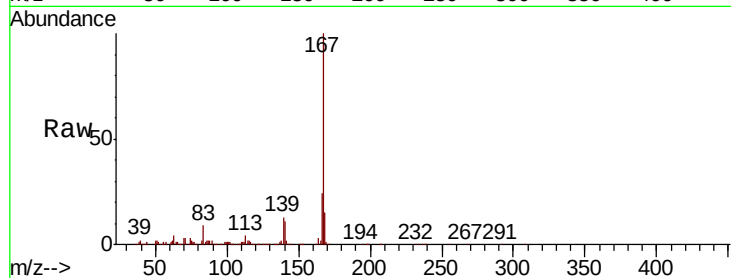
#73
 Carbazole
 Concen: 53.264 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 1023340
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.0 30.0
 139 13.1 11.3 16.9

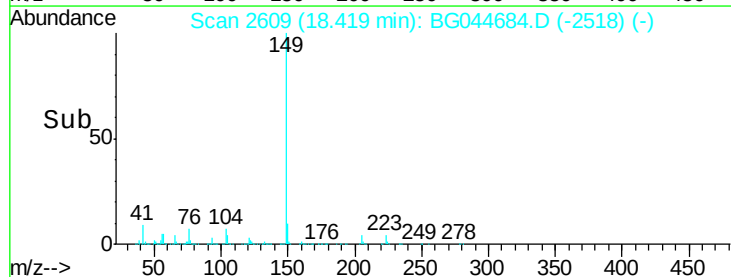
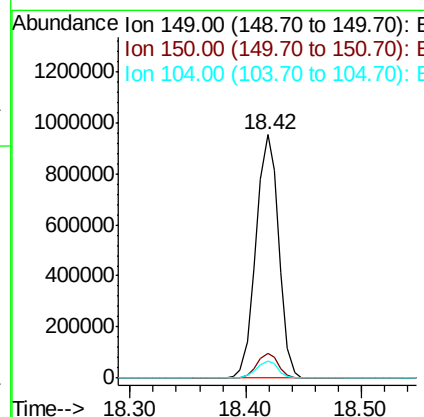
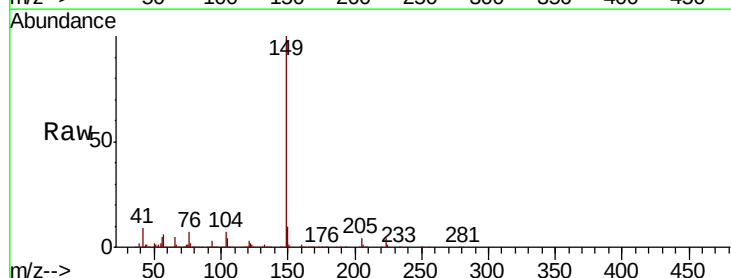
Manual Integrations
 APPROVED

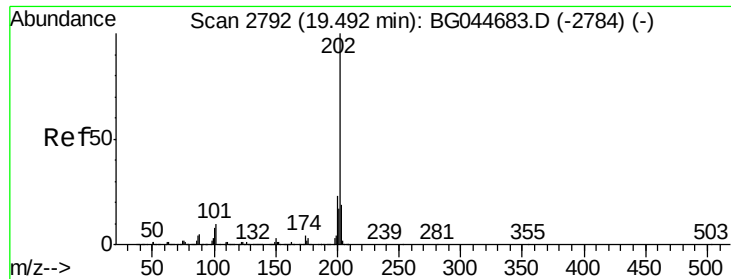
mohammad
 3/6/2020 10:17:31 PM



#74
 Di-n-butylphthalate
 Concen: 54.458 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion:149 Resp: 1311089
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 7.2 5.5 8.3





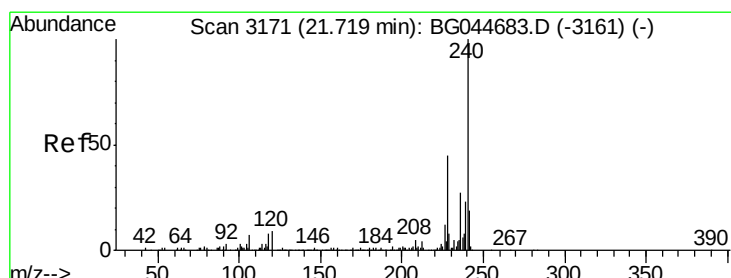
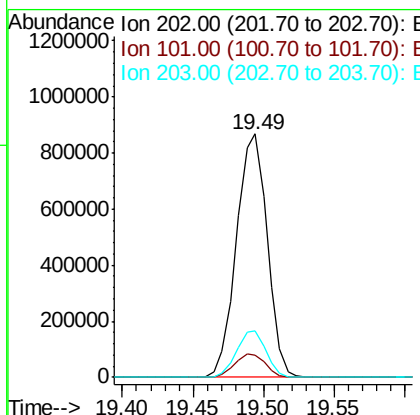
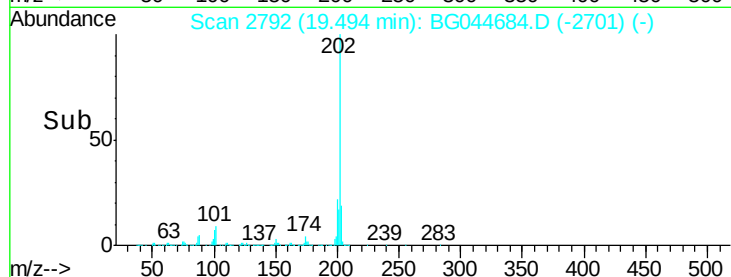
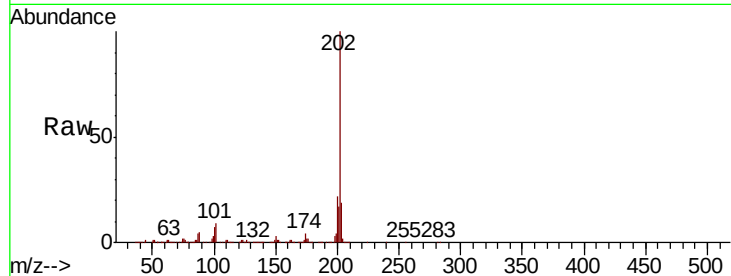
#75
Fluoranthene
Concen: 51.963 ng
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1317505		
101	9.3	0.0	30.3	
203	19.1	0.0	39.1	

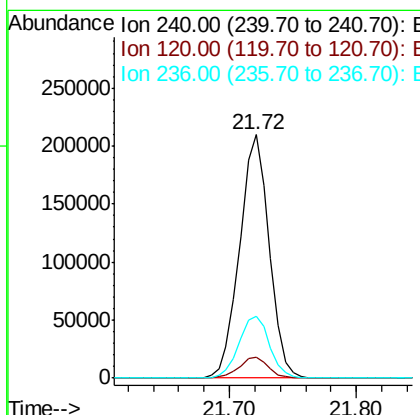
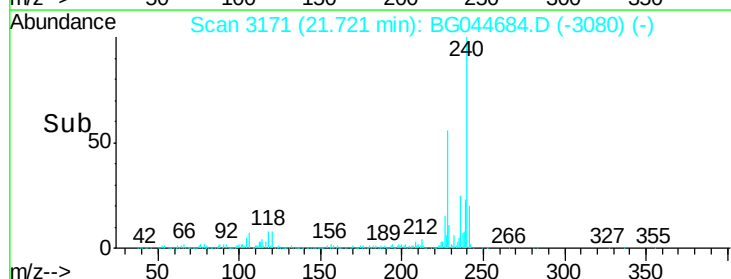
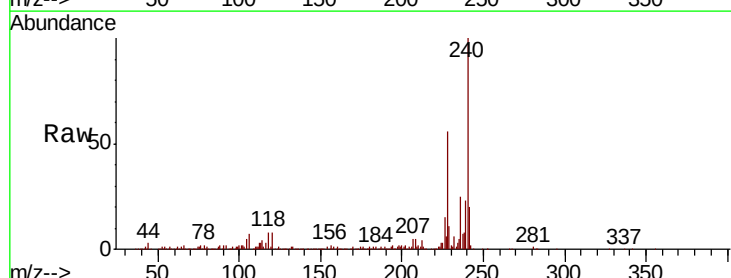
Manual Integrations
APPROVED

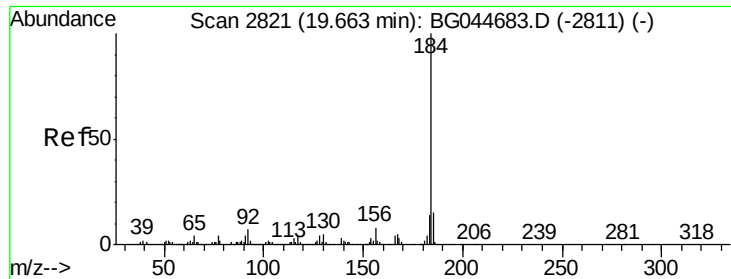
mohammad
3/6/2020 10:17:31 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	338740		
120	8.4	7.0	10.6	
236	25.4	21.5	32.3	





#77

Benzidine

Concen: 59.916 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

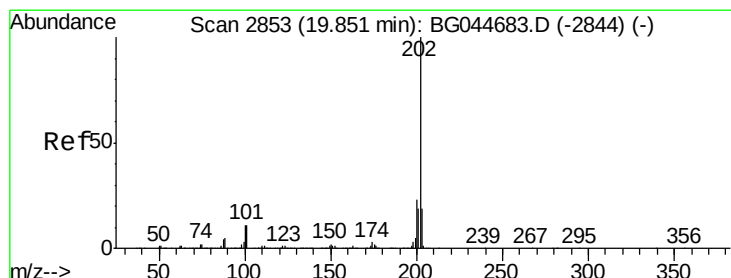
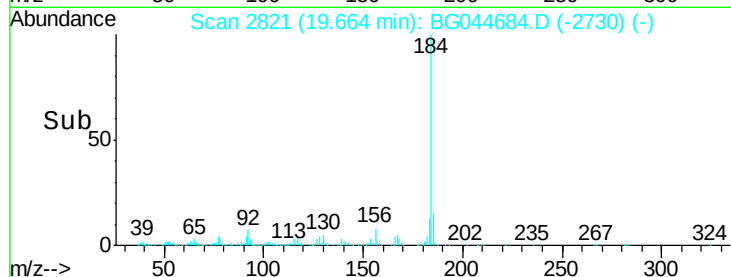
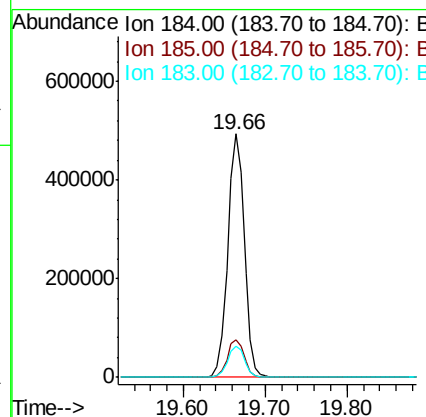
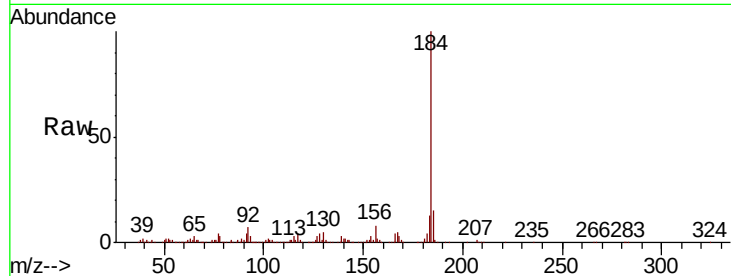
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	695239		
185	15.2		12.0	18.0
183	12.9		11.4	17.2

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#78

Pyrene

Concen: 53.831 ng

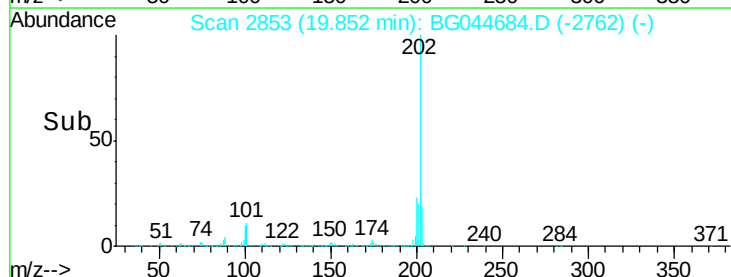
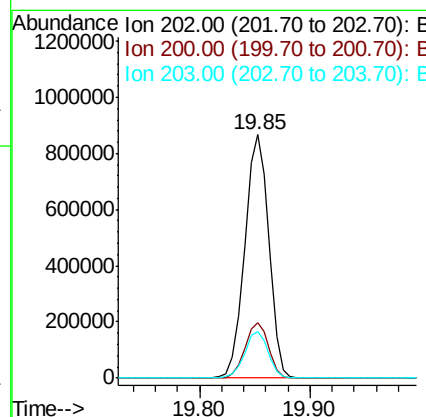
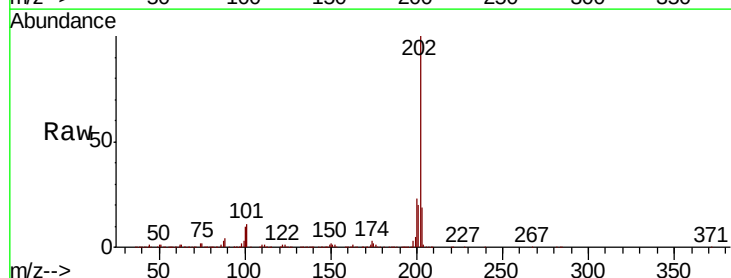
RT: 19.85 min Scan# 2853

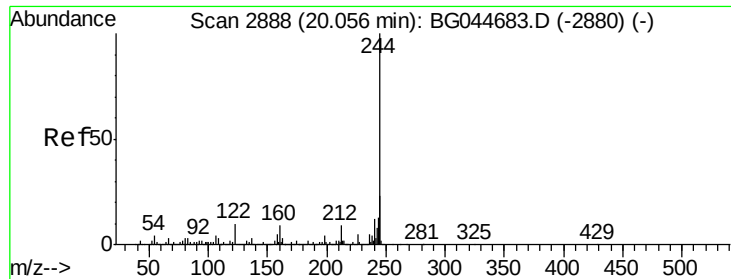
Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1323673		
200	22.9		18.2	27.2
203	18.9		15.2	22.8





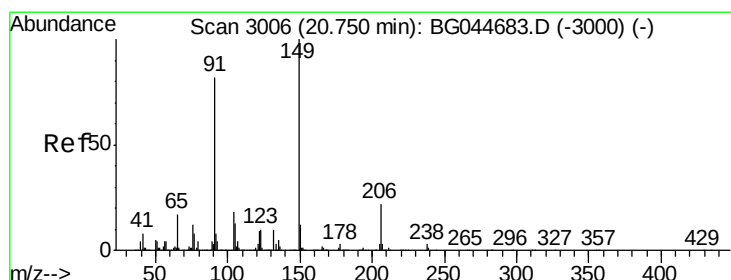
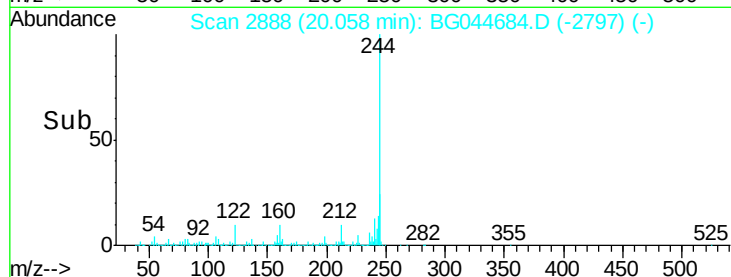
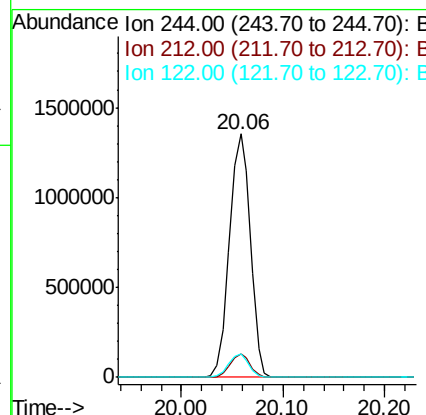
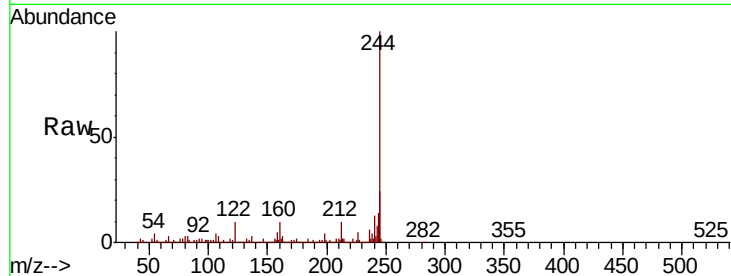
#79
 Terphenyl-d14
 Concen: 108.255 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	9.8	7.7	11.5

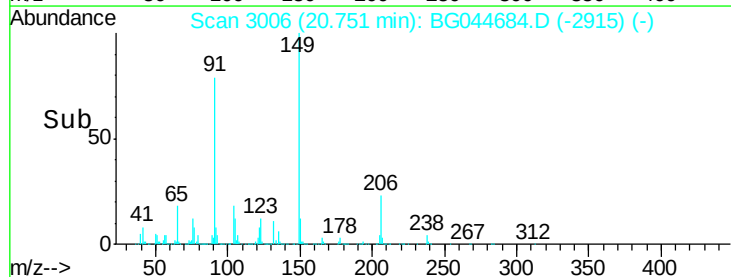
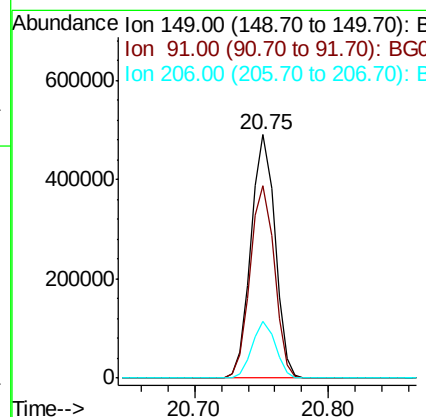
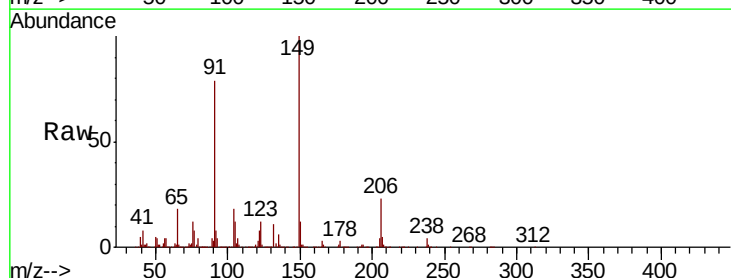
Manual Integrations
 APPROVED

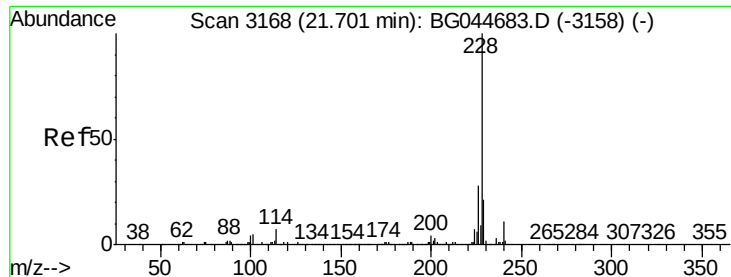
mohammad
 3/6/2020 10:17:31 PM



#80
 Butylbenzylphthalate
 Concen: 56.470 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BG044684.D
 Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	65.7	98.5
206	23.1	17.3	25.9





#81

Benzo(a)anthracene

Concen: 54.904 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 1307136

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	20.6	17.0	25.6

228 100

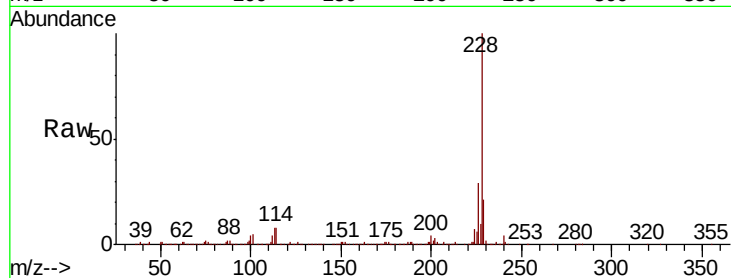
226 29.4 22.8 34.2

229 20.6 17.0 25.6

Manual Integrations
APPROVED

mohammad

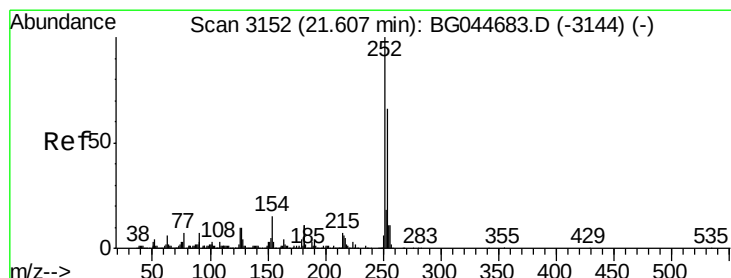
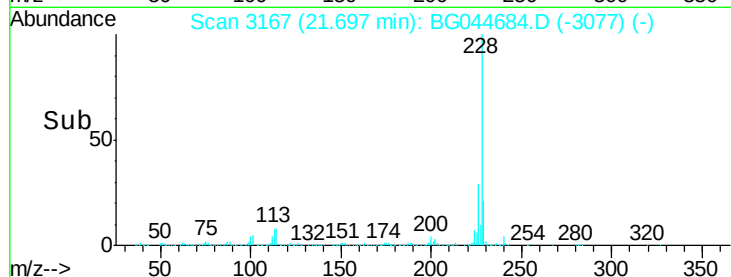
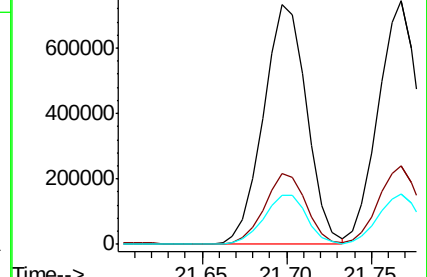
3/6/2020 10:17:31 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.202 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

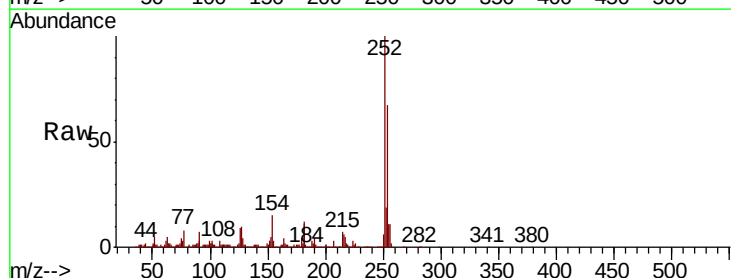
Tgt Ion:252 Resp: 528611

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	79.0
126	9.3	7.8	11.6

252 100

254 67.1 52.6 79.0

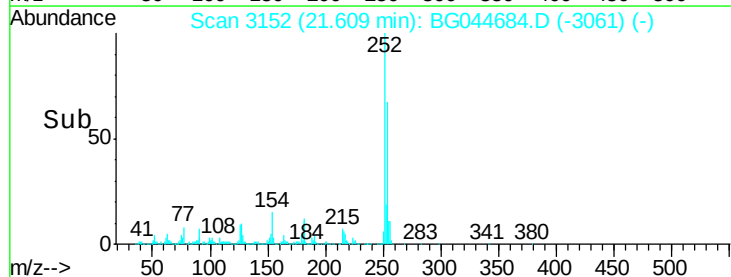
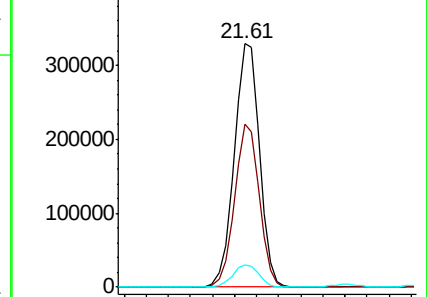
126 9.3 7.8 11.6

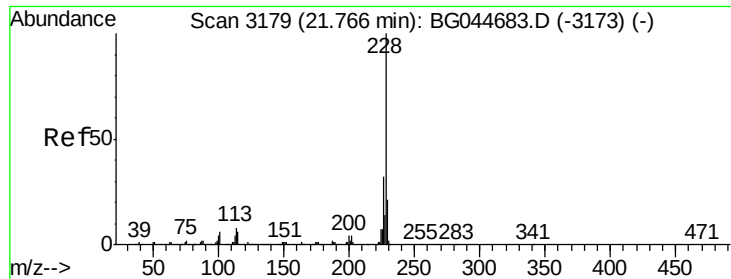


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.876 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 1240165

Ion Ratio Lower Upper

228 100

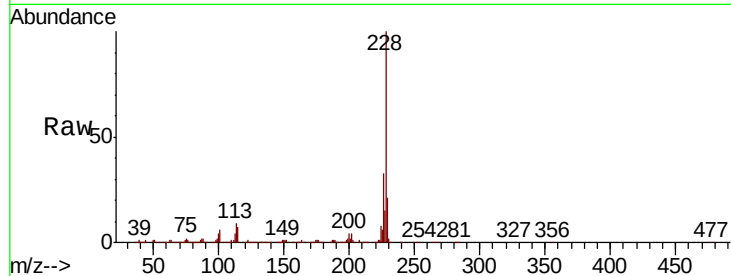
226 32.5 25.8 38.6

229 20.8 16.6 25.0

Manual Integrations
APPROVED

mohammad

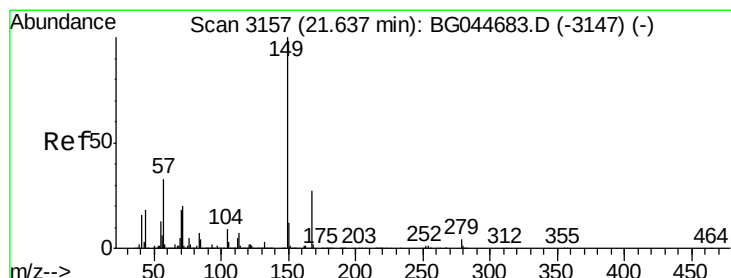
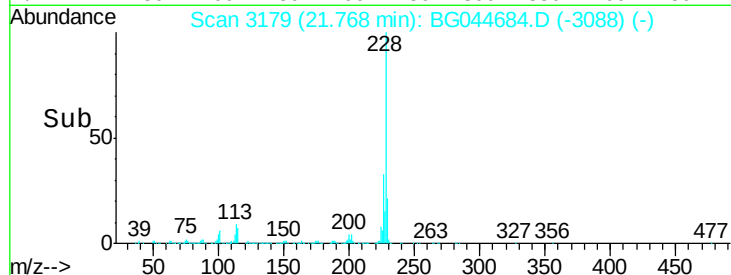
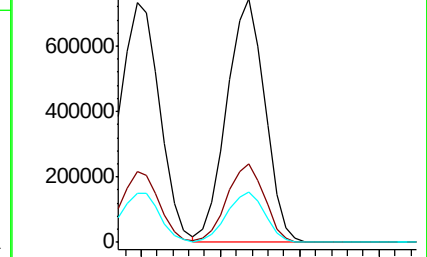
3/6/2020 10:17:31 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.768 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044684.D

Acq: 5 Mar 2020 14:44

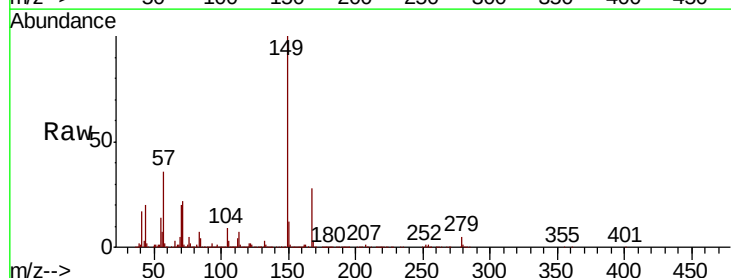
Tgt Ion:149 Resp: 826499

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

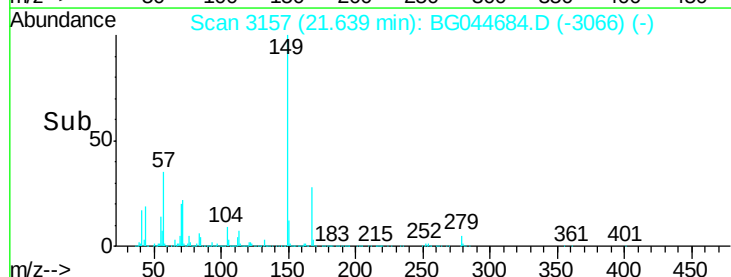
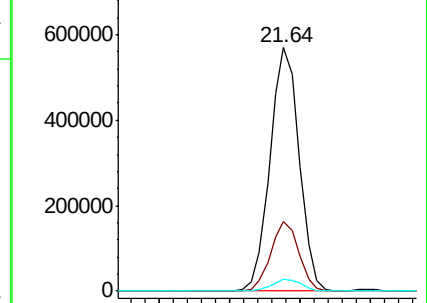
279 5.1 3.6 5.4

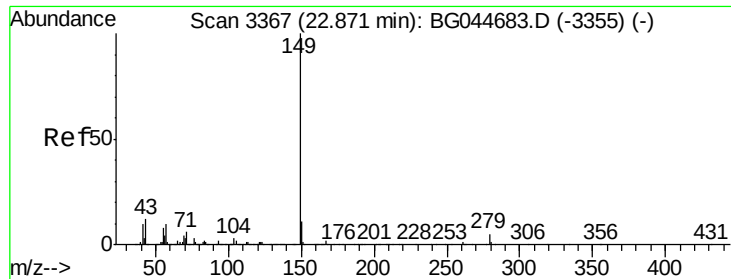


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





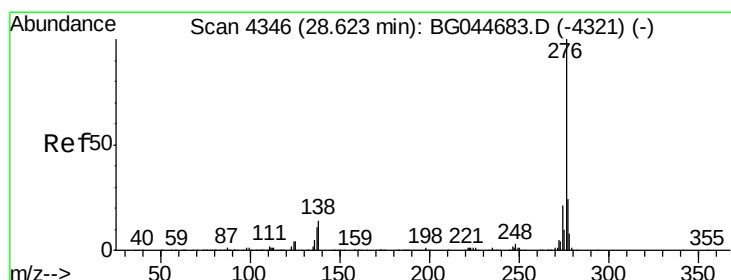
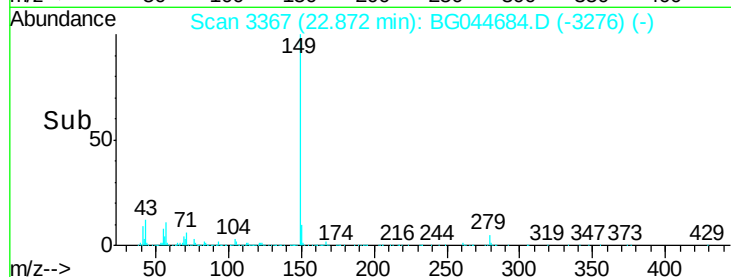
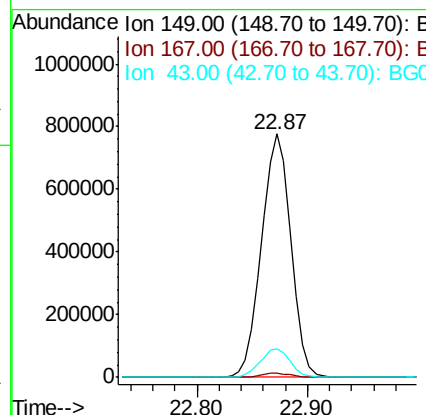
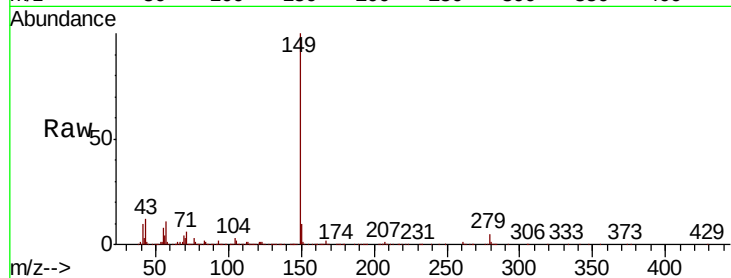
#85
Di-n-octyl phthalate
Concen: 55.606 ng
RT: 22.87 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.6	9.5	14.3

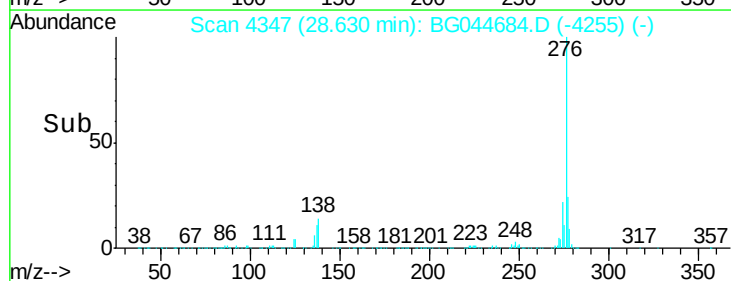
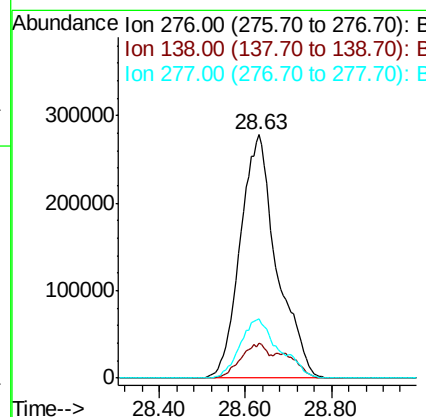
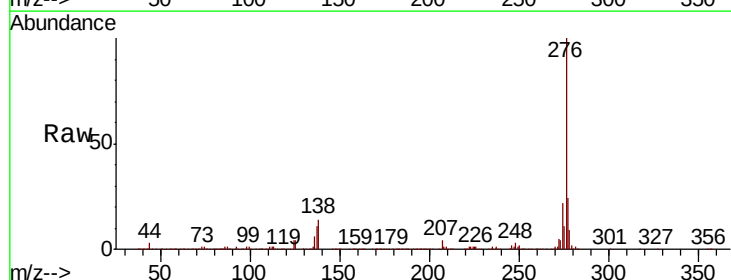
Manual Integrations
APPROVED

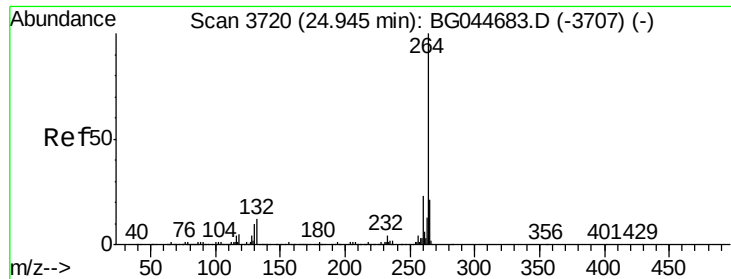
mohammad
3/6/2020 10:17:31 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 55.733 ng
RT: 28.63 min Scan# 4347
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	9.5	14.3
277	26.0	20.6	30.8





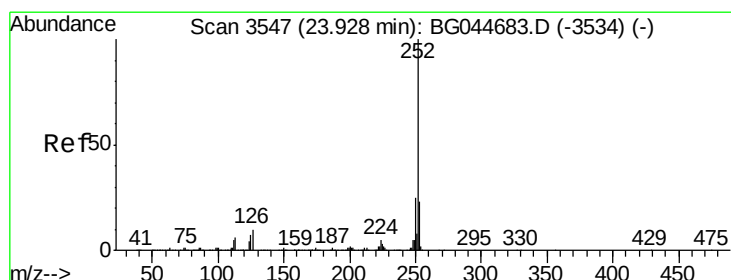
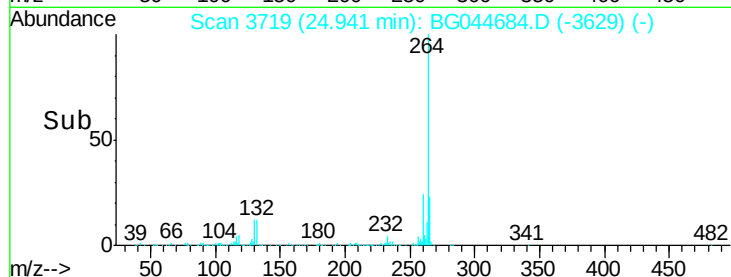
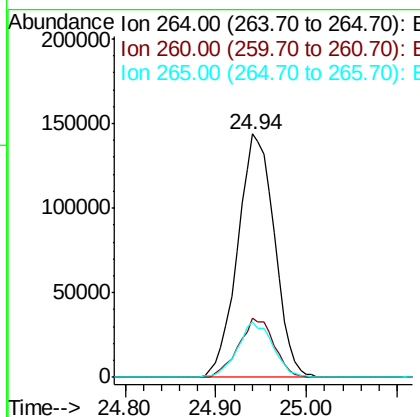
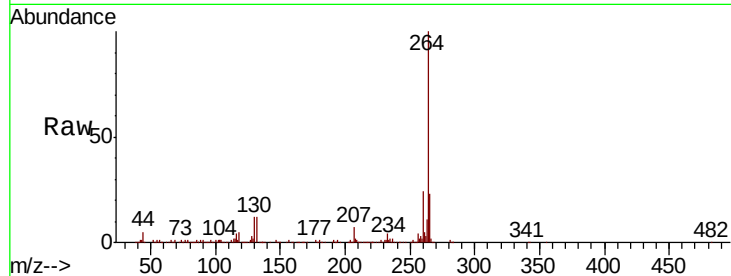
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.5	16.9	25.3

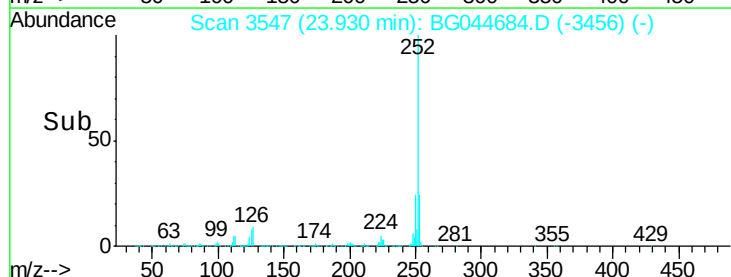
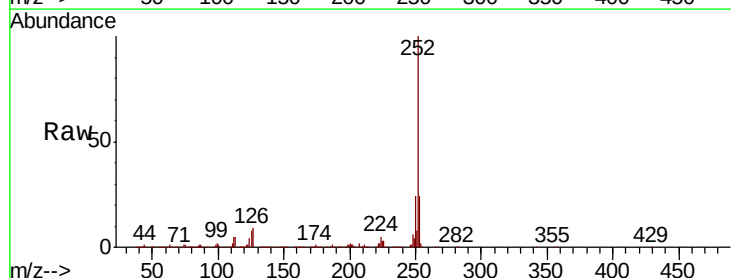
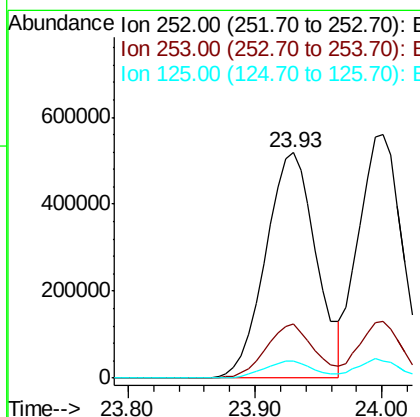
Manual Integrations
APPROVED

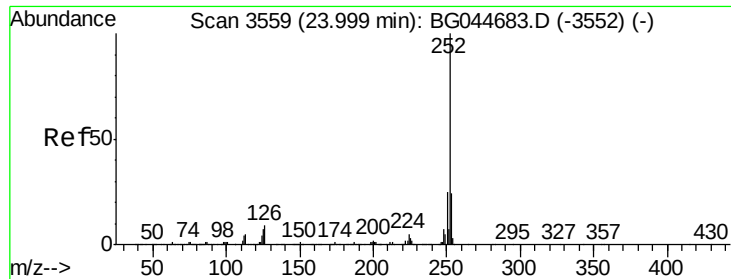
mohammad
3/6/2020 10:17:31 PM



#88
Benzo(b)fluoranthene
Concen: 53.955 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	7.6	5.6	8.4





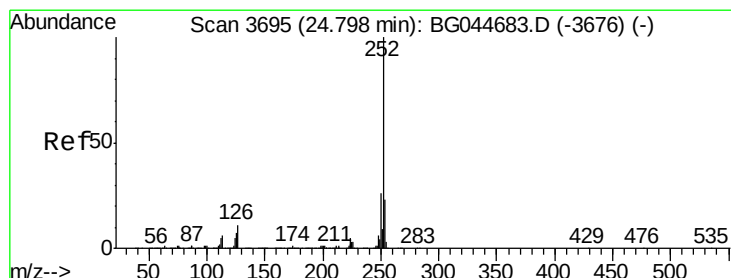
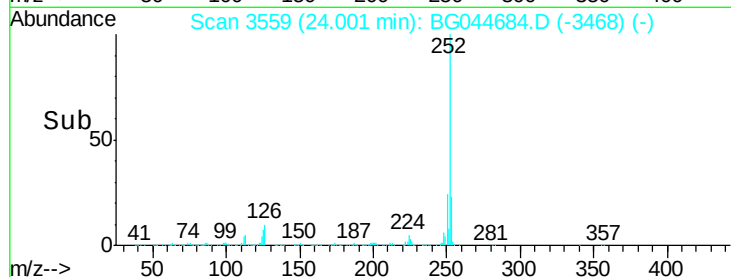
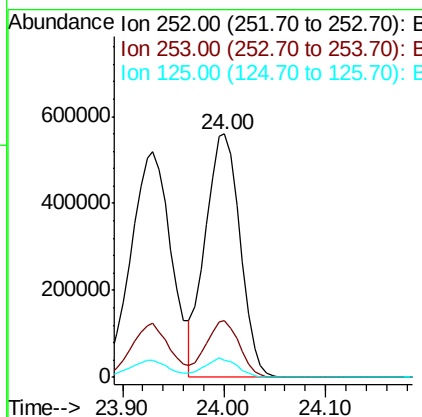
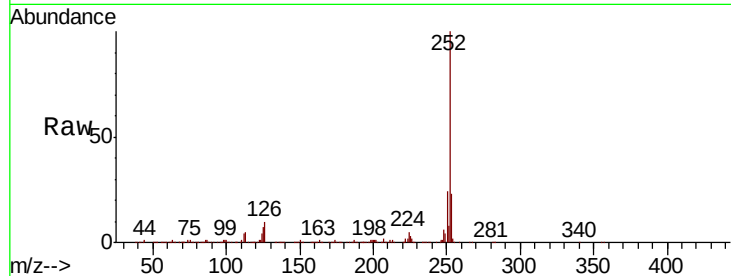
#89
Benzo(k)fluoranthene
Concen: 51.340 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	7.1	5.8	8.8

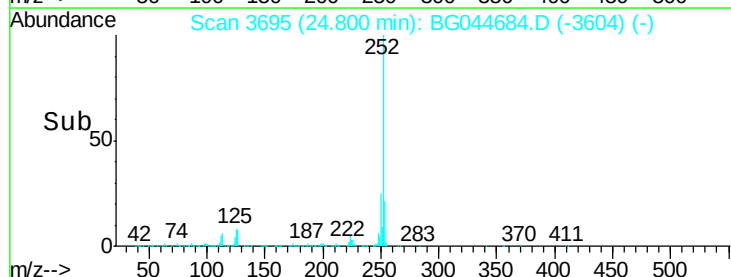
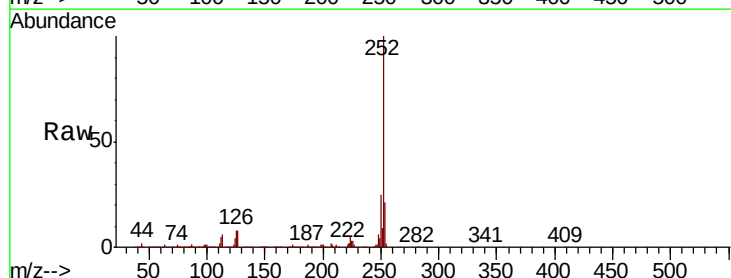
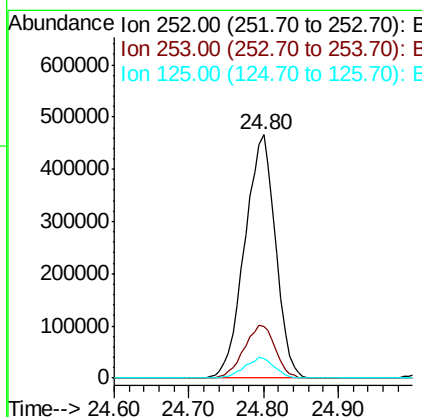
Manual Integrations
APPROVED

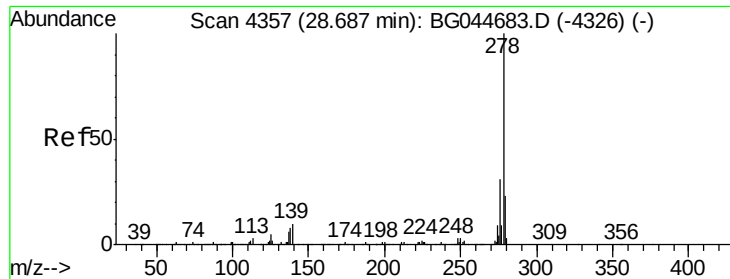
mohammad
3/6/2020 10:17:31 PM



#90
Benzo(a)pyrene
Concen: 53.101 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	8.1	6.0	9.0





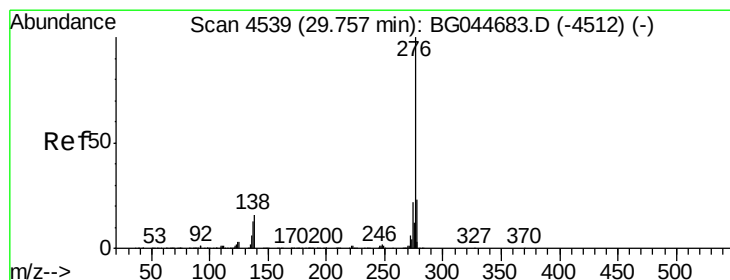
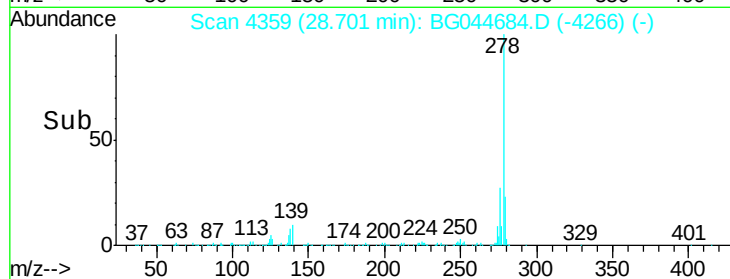
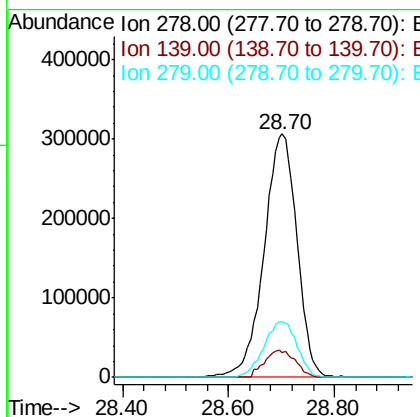
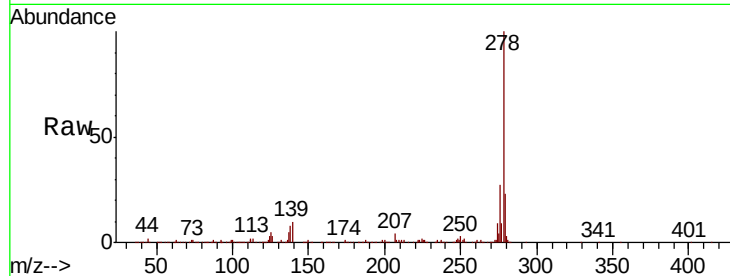
#91
Dibenzo(a,h)anthracene
Concen: 53.411 ng
RT: 28.70 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.4	12.6
279	23.0	18.2	27.2

Manual Integrations
APPROVED

mohammad
3/6/2020 10:17:31 PM



#92
Benzo(g,h,i)perylene
Concen: 53.394 ng
RT: 29.77 min Scan# 4541
Delta R.T. 0.01 min
Lab File: BG044684.D
Acq: 5 Mar 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	13.4	12.7	19.1

