

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043902.D
 Acq On : 4 Jan 2020 00:29
 Operator : JU
 Sample : K6449-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM

Quant Time: Jan 04 05:54:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134741	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	592650	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	402621	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	844783	20.00	ng	0.00
76) Chrysene-d12	21.59	240	689617	20.00	ng	0.00
87) Perylene-d12	24.72	264	795997	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	772365	105.25	ng	0.00
7) Phenol-d6	7.13	99	747844	72.91	ng	0.00
23) Nitrobenzene-d5	9.12	82	960096	86.66	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	616209	146.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1994300	89.74	ng	0.00
79) Terphenyl-d14	19.95	244	2667349	96.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	83810	26.193	ng	98
3) Pyridine	3.83	79	204423	21.627	ng	97
4) n-Nitrosodimethylamine	3.74	42	118768	28.222	ng	96
6) Aniline	7.29	93	247331	18.357	ng	99
8) 2-Chlorophenol	7.53	128	426959	49.560	ng	99
9) Benzaldehyde	7.10	77	294404	44.843	ng	98
10) Phenol	7.16	94	306187	28.971	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	426387	46.738	ng	100
12) 1,3-Dichlorobenzene	7.86	146	365462	36.251	ng	98
13) 1,4-Dichlorobenzene	8.00	146	370141	37.211	ng	99
14) 1,2-Dichlorobenzene	8.32	146	357851	37.480	ng	99
15) Benzyl Alcohol	8.20	79	340031	42.002	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	621758	44.052	ng	100
17) 2-Methylphenol	8.41	107	352857	46.137	ng	98
18) Hexachloroethane	9.05	117	131847	34.064	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	361850	47.368	ng	99
20) 3+4-Methylphenols	8.74	107	453622	42.516	ng	100
22) Acetophenone	8.78	105	639633	43.413	ng	98
24) Nitrobenzene	9.17	77	489779	44.638	ng	100
25) Isophorone	9.69	82	981310	47.214	ng	99
26) 2-Nitrophenol	9.88	139	259206	49.932	ng	99
27) 2,4-Dimethylphenol	9.94	122	443216	56.719	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	615404	44.413	ng	98
29) 2,4-Dichlorophenol	10.42	162	465920	49.985	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	389234	37.243	ng	98
31) Naphthalene	10.82	128	1224133	42.684	ng	100
32) Benzoic acid	10.05	122	147218	26.378	ng	98
33) 4-Chloroaniline	10.92	127	105610	7.721	ng	99
34) Hexachlorobutadiene	11.11	225	204818	32.098	ng	96
35) Caprolactam	11.70	113	53182m	15.326	ng	
36) 4-Chloro-3-methylphenol	12.04	107	508586	51.254	ng	97
37) 2-Methylnaphthalene	12.42	142	955071	44.234	ng	97
38) 1-Methylnaphthalene	12.64	142	924911	45.198	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	453932	38.466	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043902.D
 Acq On : 4 Jan 2020 00:29
 Operator : JU
 Sample : K6449-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM

Quant Time: Jan 04 05:54:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	494712	80.862	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	387460	47.717	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	413995	49.434	nq	99
46) 1,1'-Biphenyl	13.43	154	1265593	43.842	nq	99
47) 2-Chloronaphthalene	13.47	162	984080	42.187	nq	98
48) 2-Nitroaniline	13.67	65	334612	44.594	nq	99
49) Acenaphthylene	14.32	152	1555278	46.388	nq	100
50) Dimethylphthalate	14.05	163	1569798	54.912	nq	99
51) 2,6-Dinitrotoluene	14.17	165	310355	48.032	nq	97
52) Acenaphthene	14.66	154	1058868	45.035	nq	98
53) 3-Nitroaniline	14.49	138	67761	9.235	nq	99
54) 2,4-Dinitrophenol	14.70	184	343354	102.640	nq	98
55) Dibenzofuran	14.99	168	1506869	46.555	nq	97
56) 4-Nitrophenol	14.81	139	330255	58.735	nq	97
57) 2,4-Dinitrotoluene	14.95	165	429202	48.817	nq	97
58) Fluorene	15.65	166	1211749	47.234	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	359498	49.921	nq	99
60) Diethylphthalate	15.42	149	1372852	48.013	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	636495	45.691	nq	99
62) 4-Nitroaniline	15.66	138	294178	40.599	nq	97
63) Azobenzene	15.93	77	1283891	48.417	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	243254	55.166	nq	97
66) n-Nitrosodiphenylamine	15.85	169	1124173	45.188	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	414822	43.660	nq	99
68) Hexachlorobenzene	16.65	284	437998	42.782	nq	96
69) Atrazine	16.80	200	425452	52.612	nq	99
70) Pentachlorophenol	16.99	266	550163	97.484	nq	99
71) Phenanthrene	17.39	178	1862245	45.959	nq	96
72) Anthracene	17.47	178	1930335	48.204	nq	97
73) Carbazole	17.74	167	1768656	47.814	nq	98
74) Di-n-butylphthalate	18.31	149	2125961	45.015	nq	98
75) Fluoranthene	19.39	202	2069608	44.661	nq	96
77) Benzidine	19.57	184	172834	9.971	nq	98
78) Pyrene	19.75	202	2079612	46.199	nq	97
80) Butylbenzylphthalate	20.65	149	1032404	48.174	nq	98
81) Benzo(a)anthracene	21.57	228	2009400	46.991	nq	98
82) 3,3'-Dichlorobenzidine	21.49	252	321802	19.048	nq	99
83) Chrysene	21.64	228	1909817	47.003	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1471458	49.761	nq	98
85) Di-n-octyl phthalate	22.69	149	2467001	49.625	nq	98
86) Indeno(1,2,3-cd)pyrene	28.27	276	2601624	47.115	nq	# 85
88) Benzo(b)fluoranthene	23.74	252	2136780	45.408	nq	98
89) Benzo(k)fluoranthene	23.80	252	2102300	46.980	nq	98
90) Benzo(a)pyrene	24.58	252	2005776	45.161	nq	99
91) Dibenzo(a,h)anthracene	28.34	278	2128211	47.713	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2154762	48.633	nq	99

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



#1

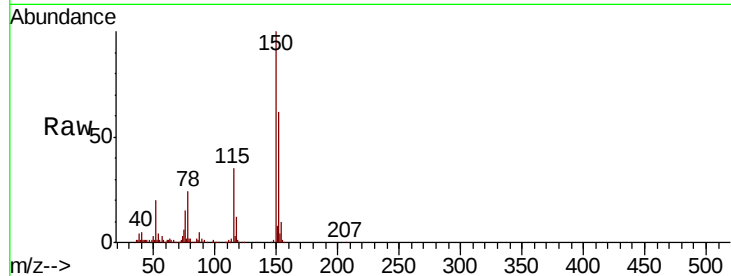
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

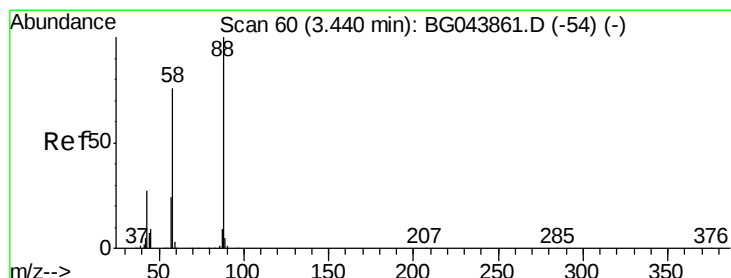
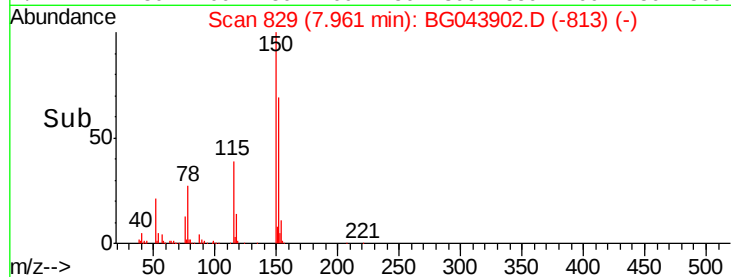
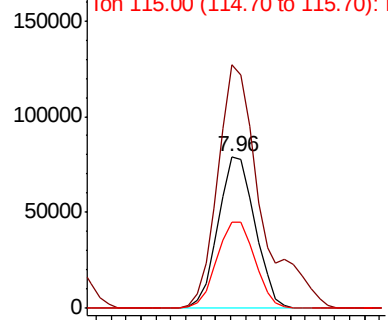
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.0	190.4
115	56.8	47.8	71.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



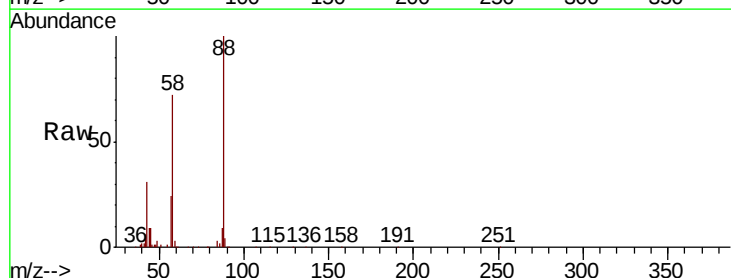
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



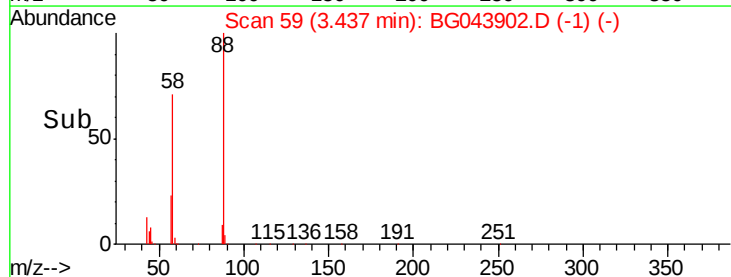
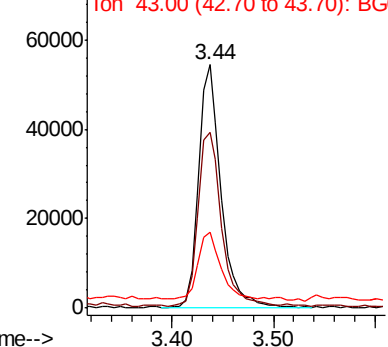
#2

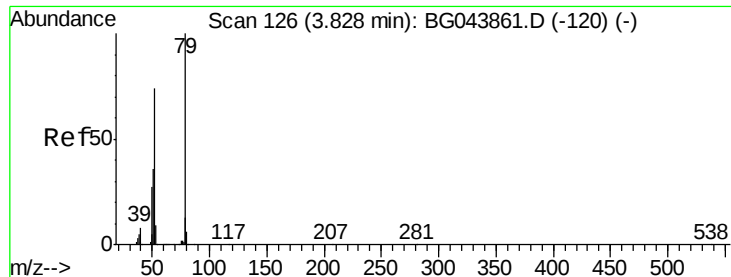
1,4-Dioxane
Concen: 26.193 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	59.8	89.8
43	27.5	22.9	34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 21.627 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

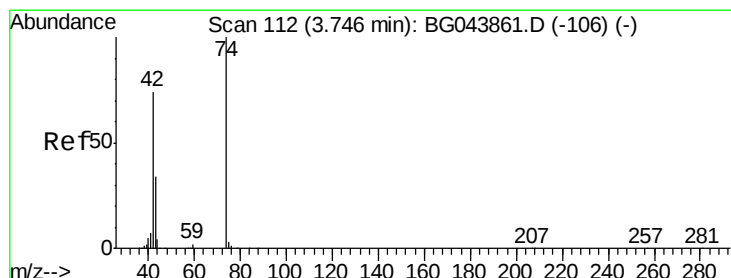
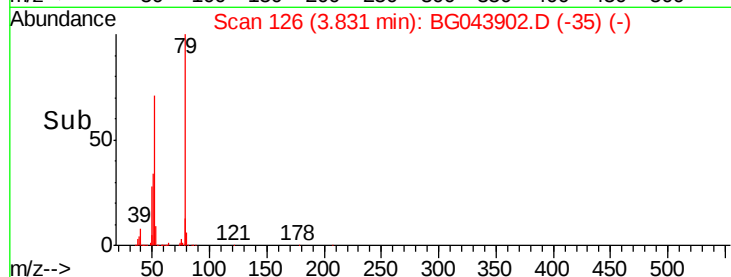
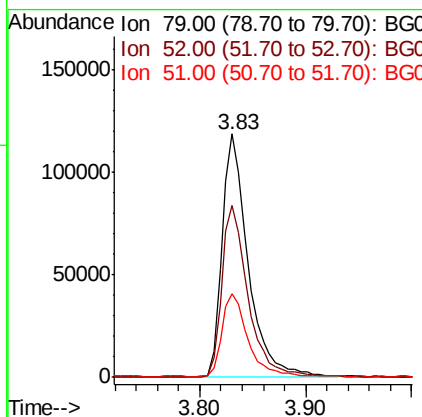
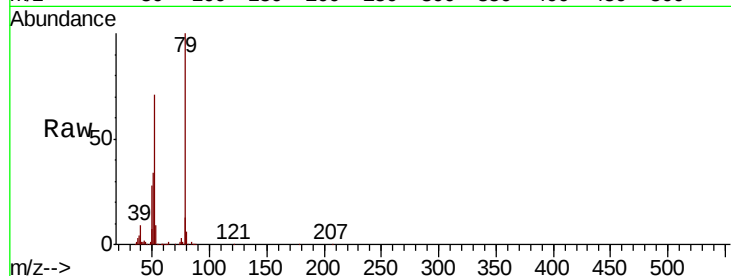
ClientSampleId :

OW-5MSD

Tot Ion:	79	Resp:	204423
Ion	Ratio	Lower	Upper
79	100		
52	70.9	58.9	88.3
51	34.4	28.6	43.0

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#4

n-Nitrosodimethylamine

Concen: 28.222 ng

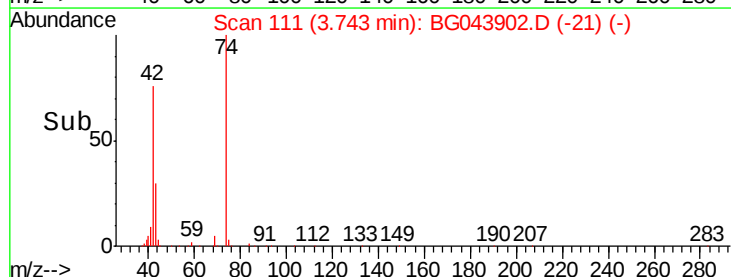
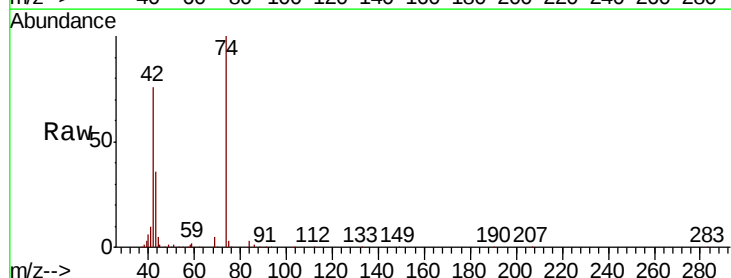
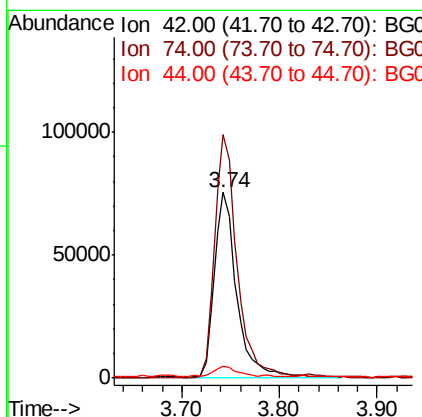
RT: 3.74 min Scan# 111

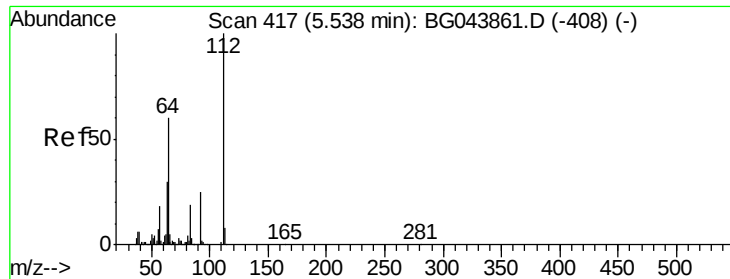
Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	42	Resp:	118768
Ion	Ratio	Lower	Upper
42	100		
74	131.3	108.6	162.8
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 105.250 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

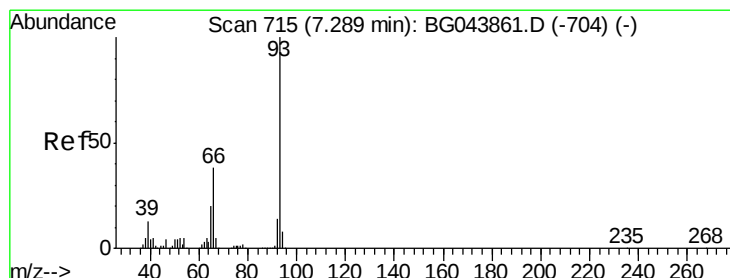
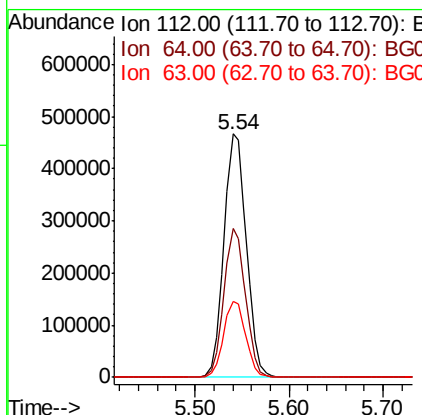
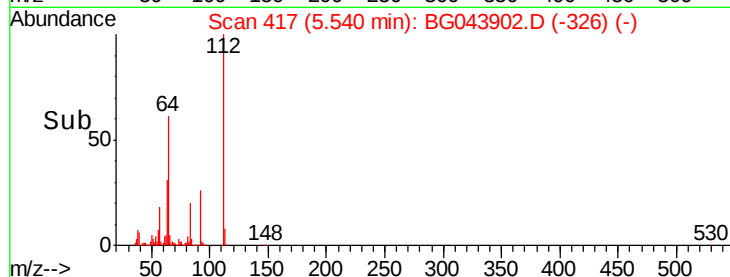
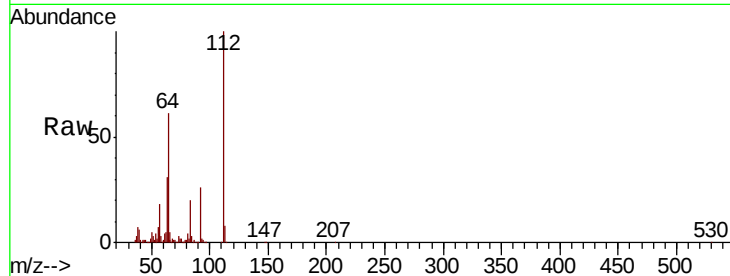
ClientSampleId :

OW-5MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.8	71.6
63	31.4	24.3	36.5

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#6

Aniline

Concen: 18.357 ng

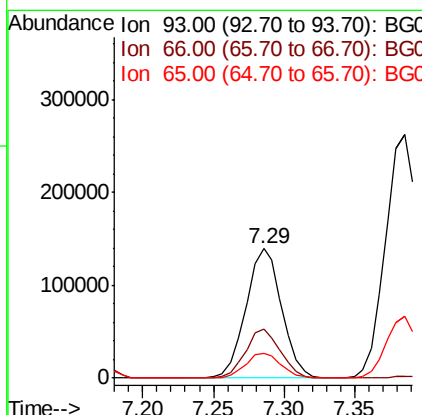
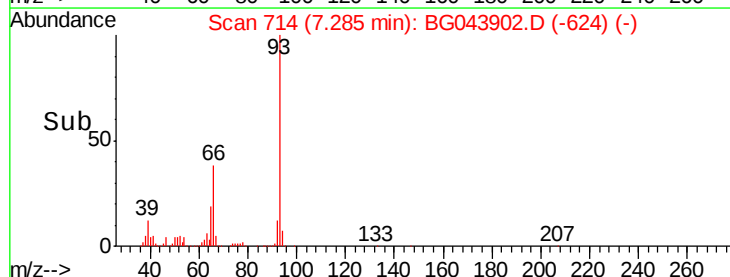
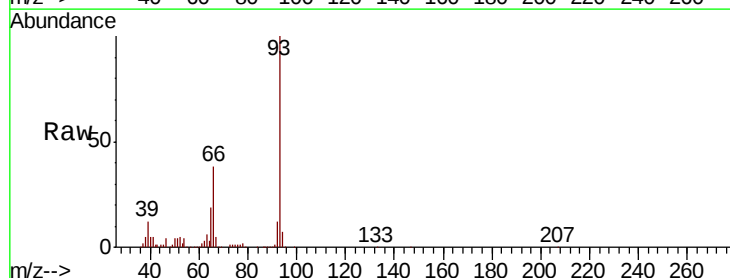
RT: 7.29 min Scan# 714

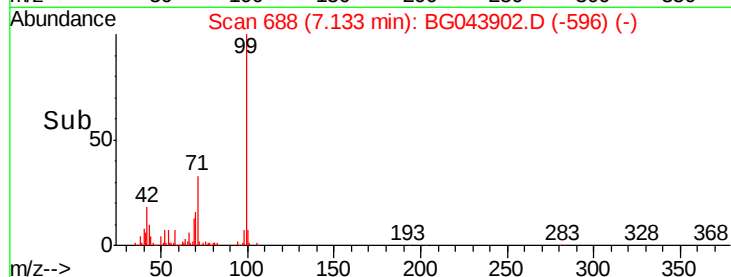
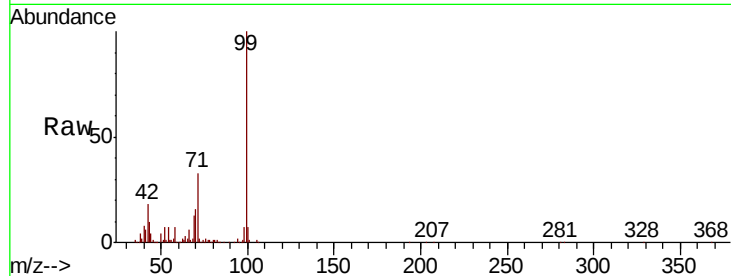
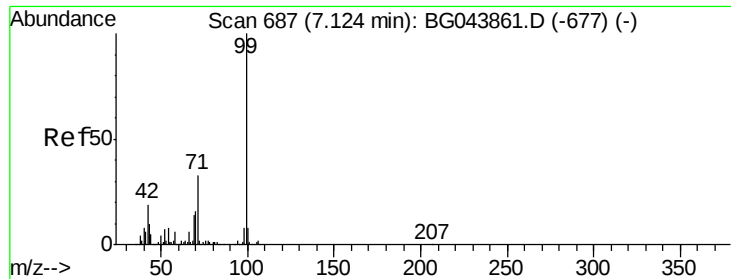
Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.8	46.2
65	19.1	16.0	24.0





#7

Phenol-d6

Concen: 72.906 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tot Ion:	99	Resp:	747844
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.9	22.3
71	33.0	26.4	39.6

Instrument :

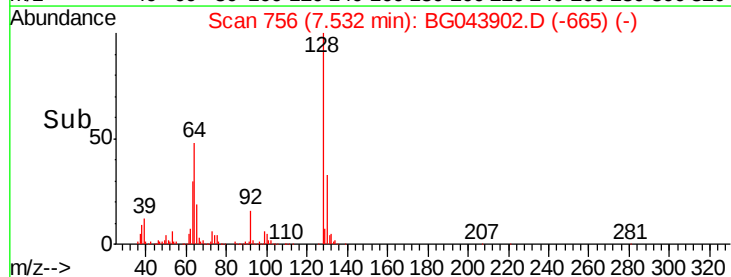
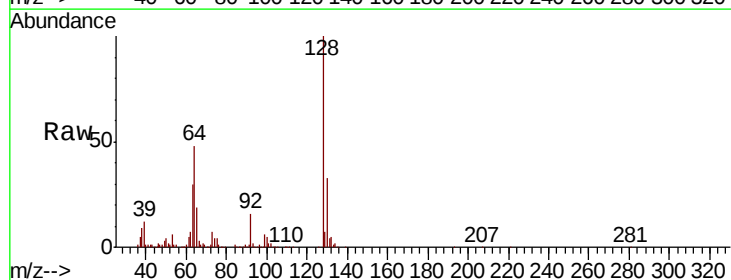
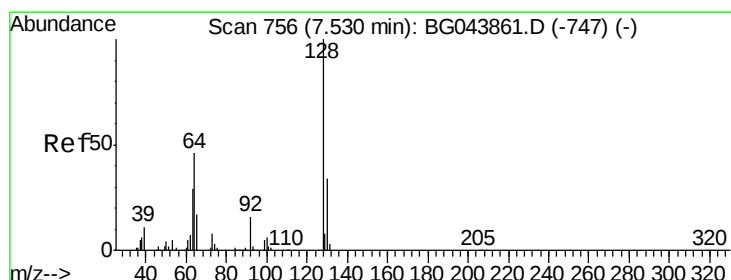
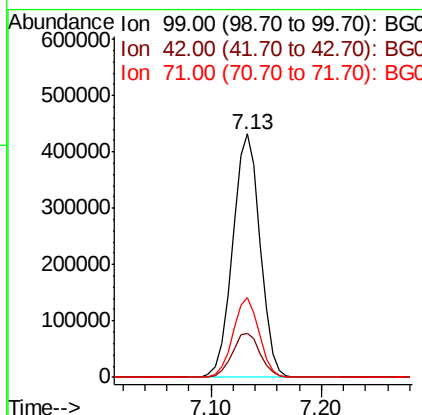
BNA_G

ClientSampled :

OW-5MSD

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#8

2-Chlorophenol

Concen: 49.560 ng

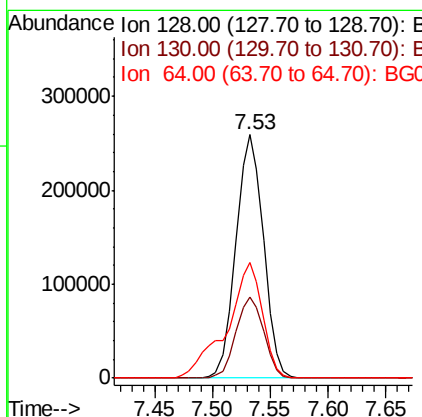
RT: 7.53 min Scan# 756

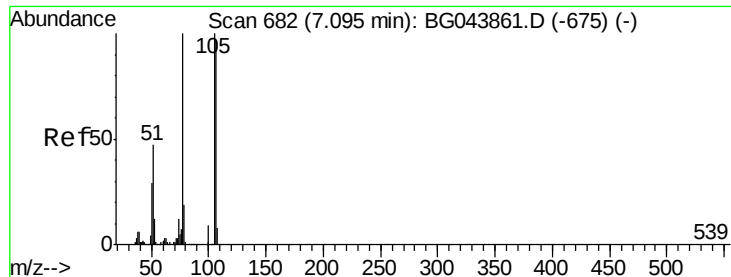
Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	128	Resp:	426959
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.8	53.8
64	47.5	27.6	67.6





#9

Benzaldehyde

Concen: 44.843 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

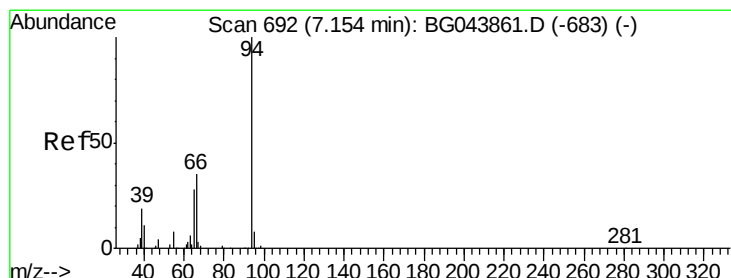
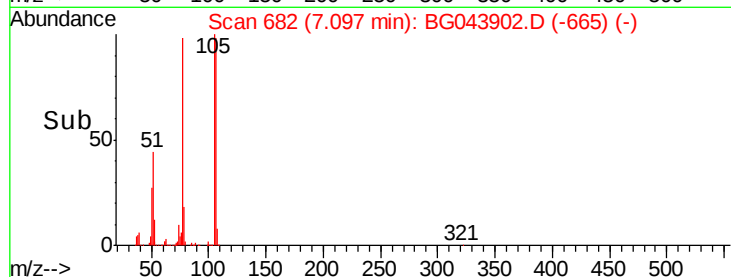
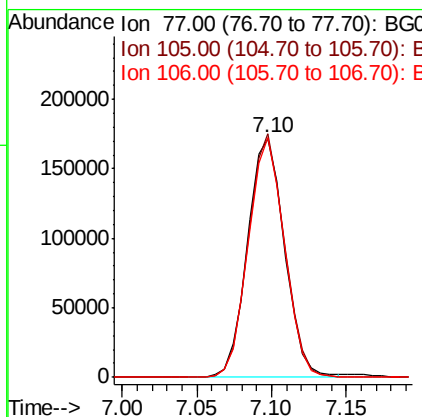
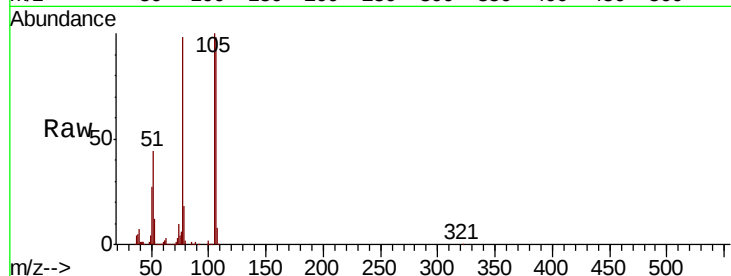
ClientSampleId :

OW-5MSD

Tot Ion:	77	Resp:	294404
Ion	Ratio	Lower	Upper
77	100		
105	101.8	80.2	120.2
106	100.1	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#10

Phenol

Concen: 28.971 ng

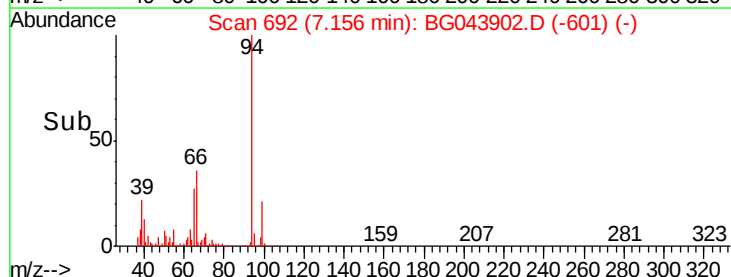
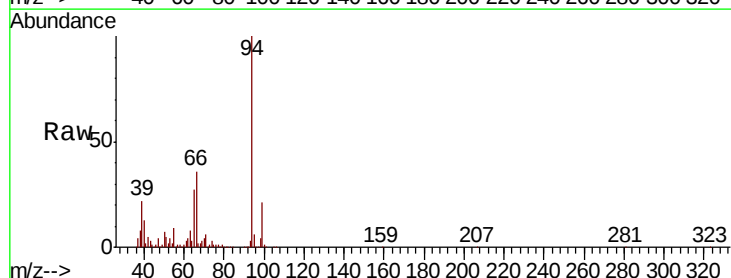
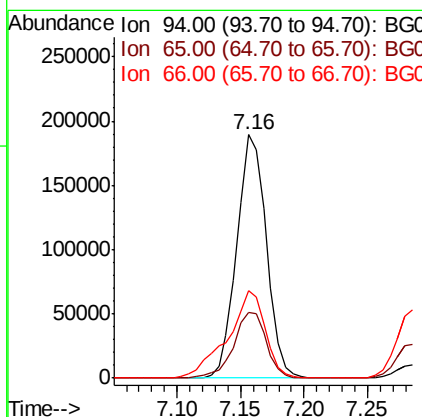
RT: 7.16 min Scan# 692

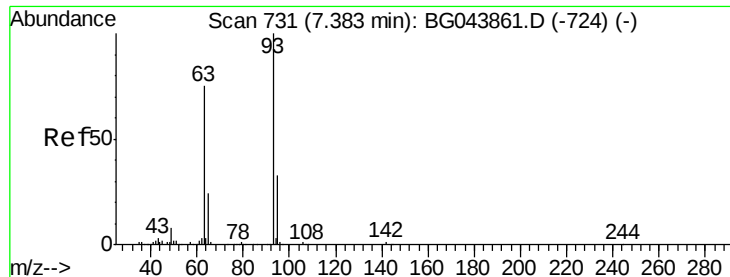
Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	94	Resp:	306187
Ion	Ratio	Lower	Upper
94	100		
65	27.2	8.1	48.1
66	35.7	15.6	55.6





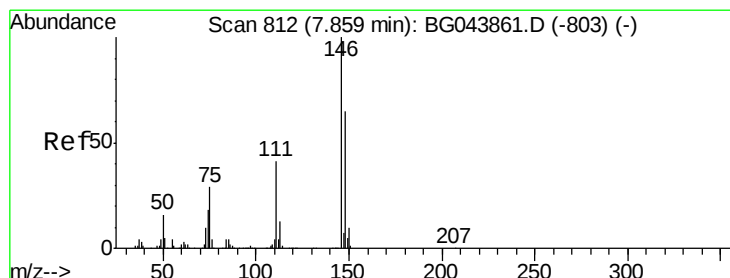
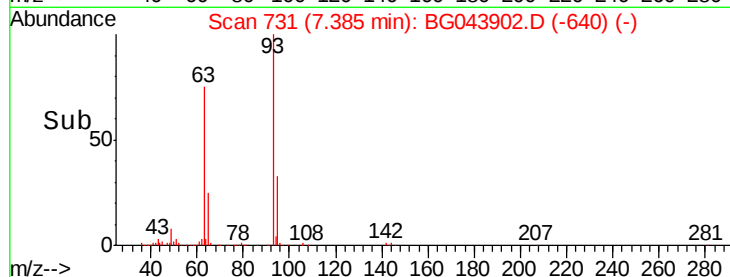
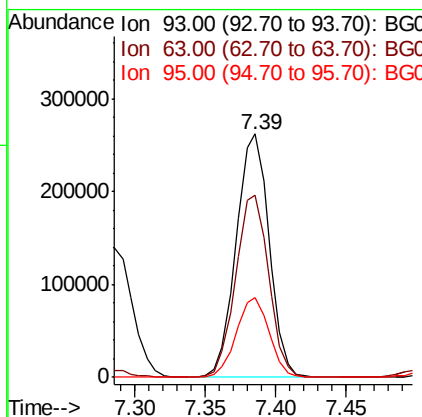
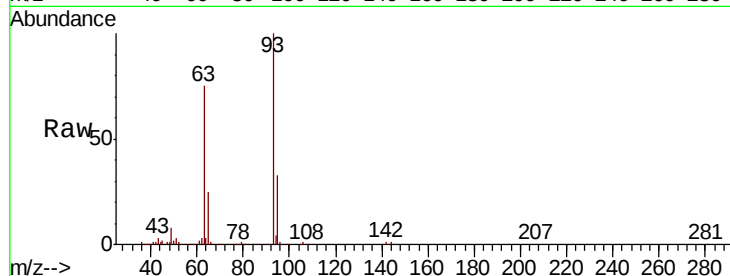
#11
bis(2-Chloroethyl)ether
Concen: 46.738 ng
RT: 7.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	426387		
63	74.9		55.0	95.0
95	33.0		13.3	53.3

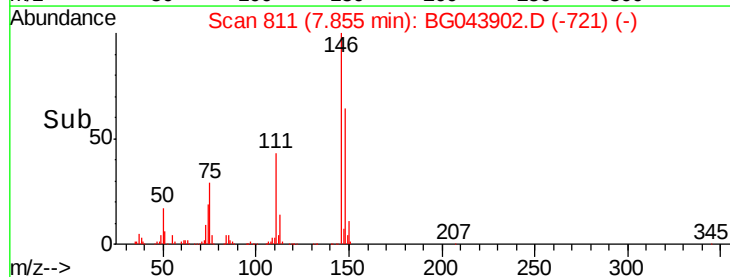
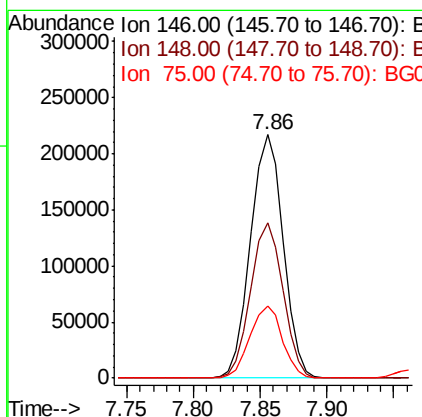
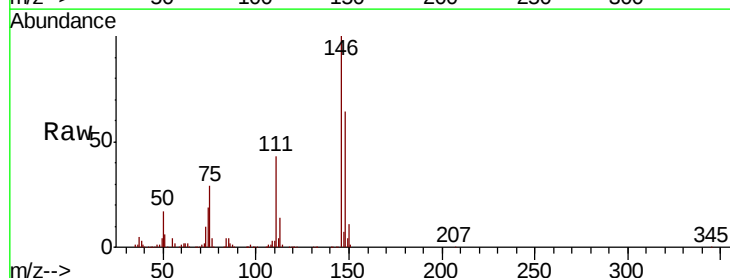
Manual Integrations
APPROVED

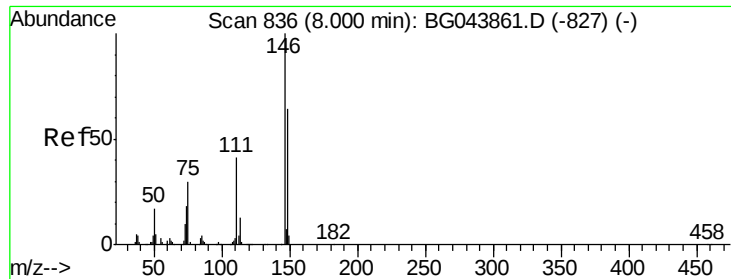
mohammad
1/6/2020 11:41:51 AM



#12
1,3-Dichlorobenzene
Concen: 36.251 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	365462		
148	63.8		52.1	78.1
75	29.5		23.0	34.4





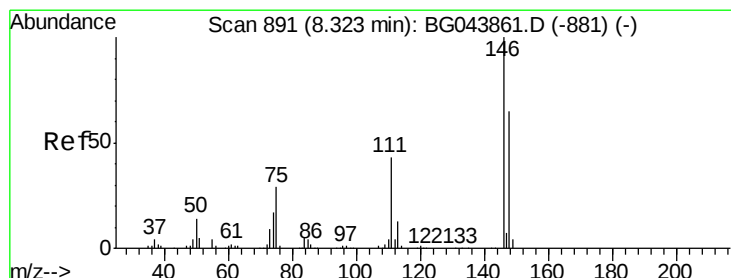
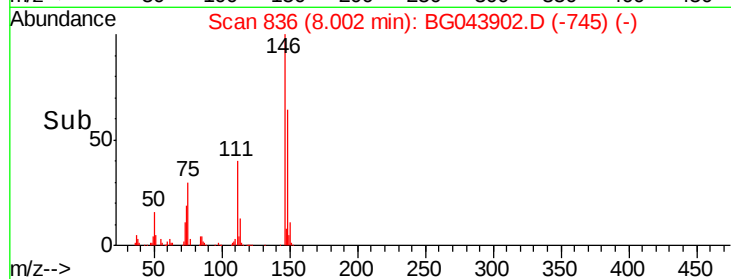
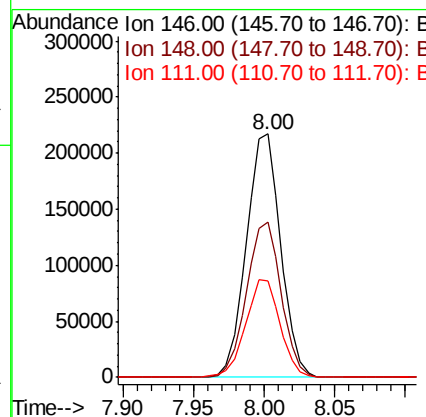
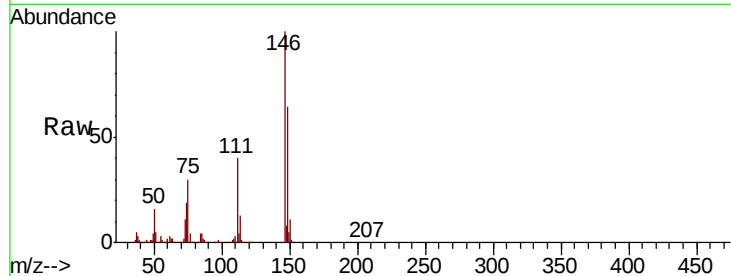
#13
 1,4-Dichlorobenzene
 Concen: 37.211 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	39.7	33.1	49.7

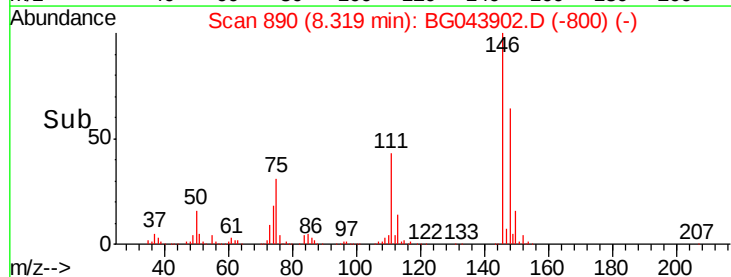
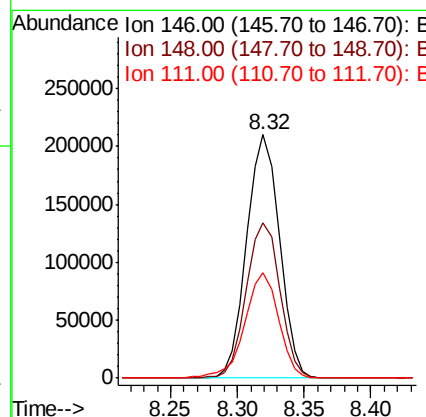
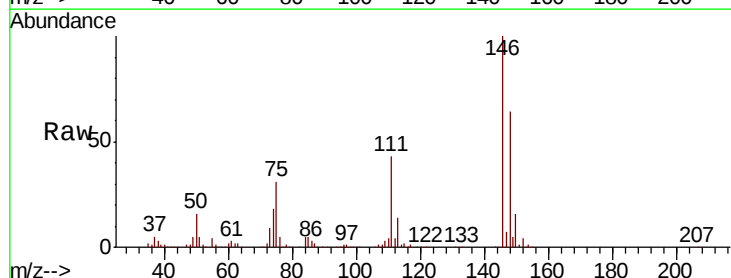
Manual Integrations
 APPROVED

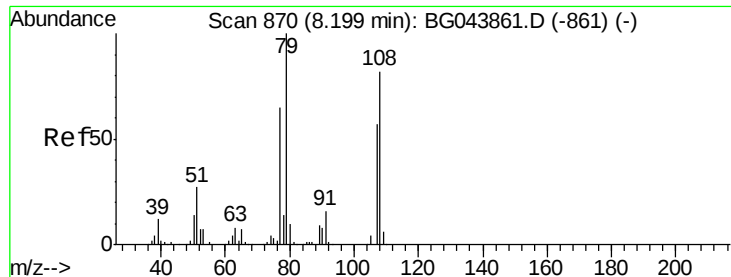
mohammad
 1/6/2020 11:41:51 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.480 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.002 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

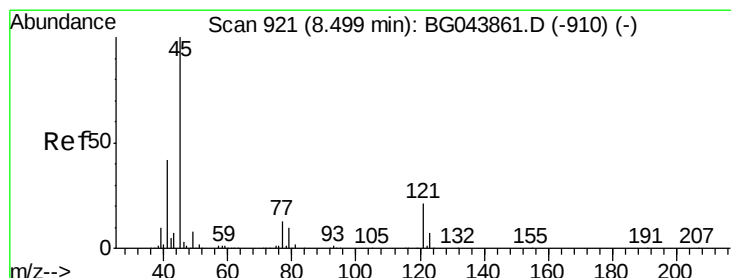
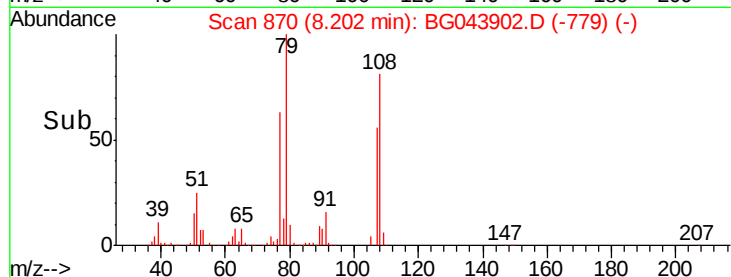
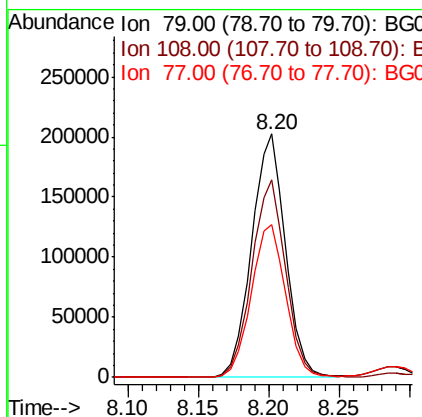
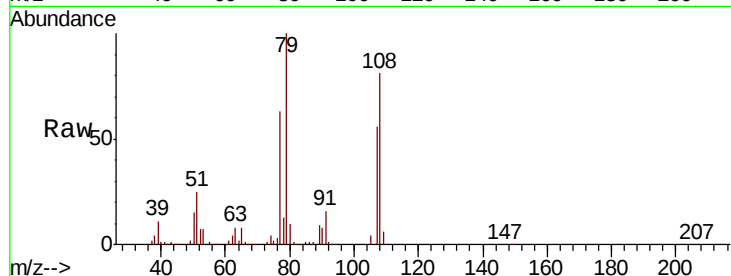
ClientSampleId :

OW-5MSD

Tot Ion:	79	Resp:	340031
Ion Ratio	Lower	Upper	
79	100		
108	81.2	65.6	98.4
77	62.6	52.0	78.0

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.052 ng

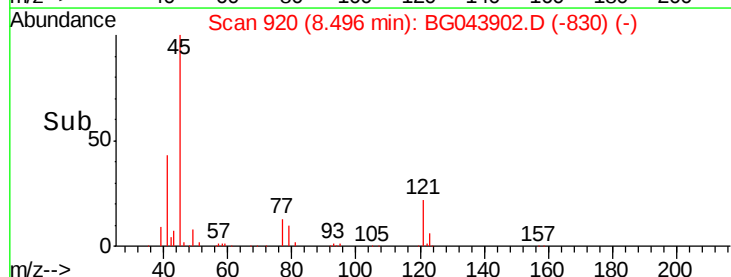
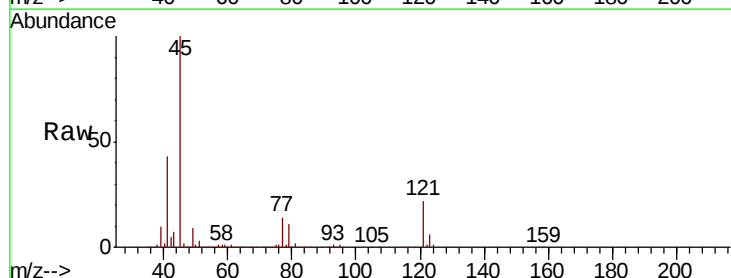
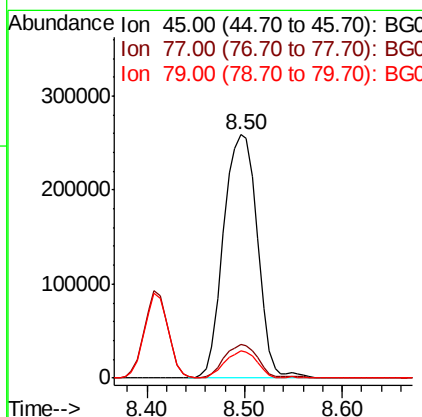
RT: 8.50 min Scan# 920

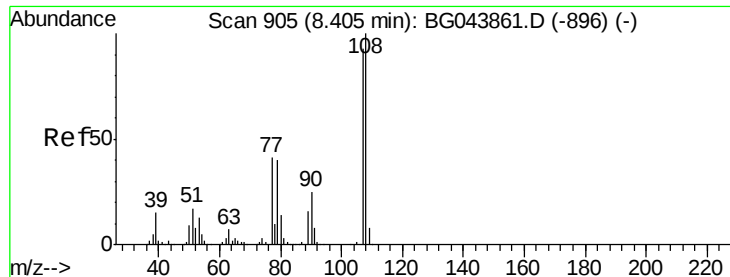
Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	45	Resp:	621758
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.8
79	11.0	0.0	31.0





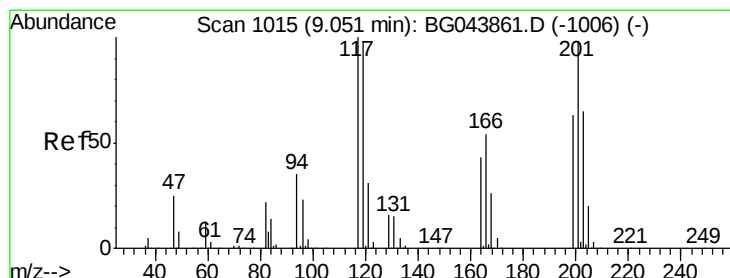
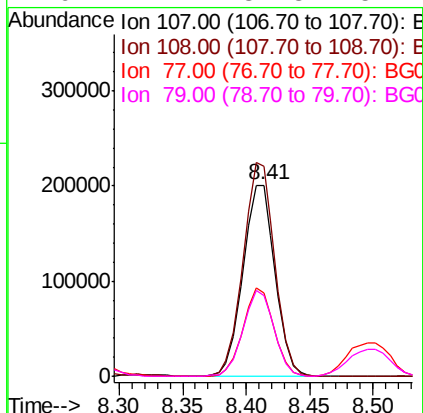
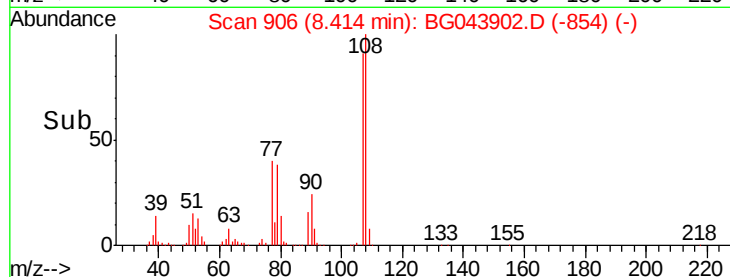
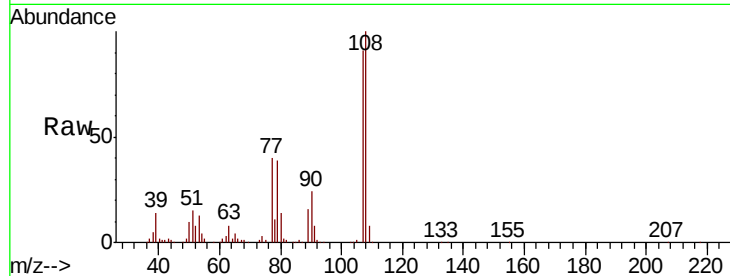
#17
2-Methylphenol
Concen: 46.137 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	86.1	129.1	
77	43.7	35.4	53.0	
79	42.4	34.8	52.2	

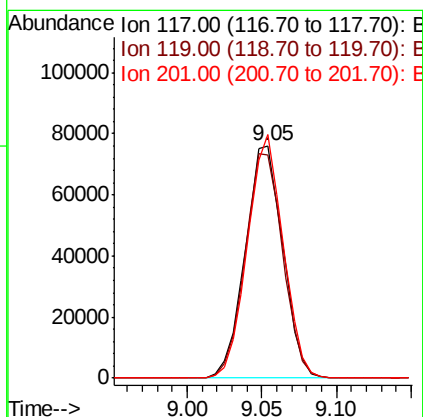
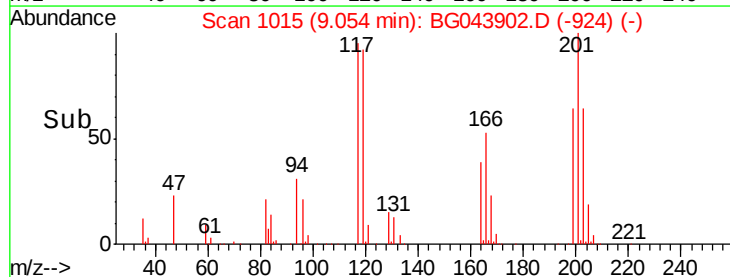
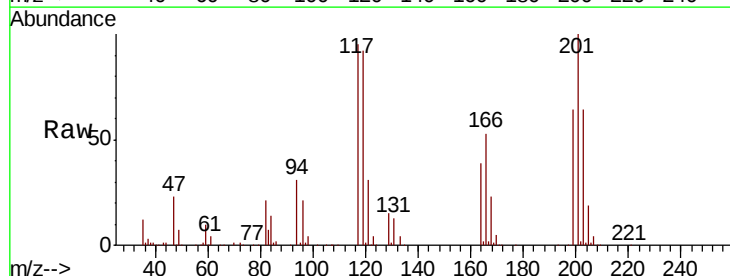
Manual Integrations
APPROVED

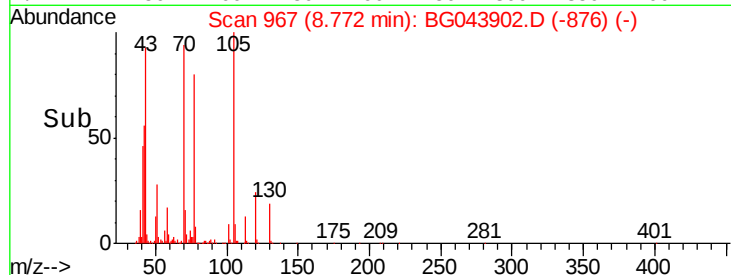
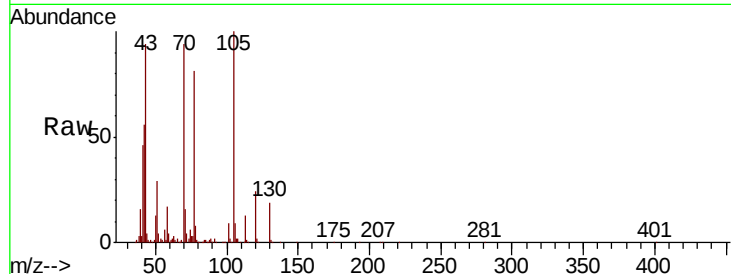
mohammad
1/6/2020 11:41:51 AM



#18
Hexachloroethane
Concen: 34.064 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	78.1	117.1	
201	104.8	78.6	117.8	





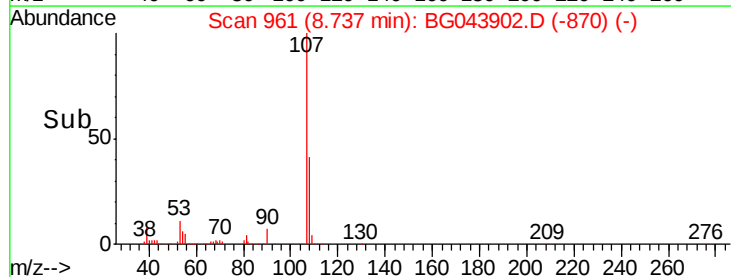
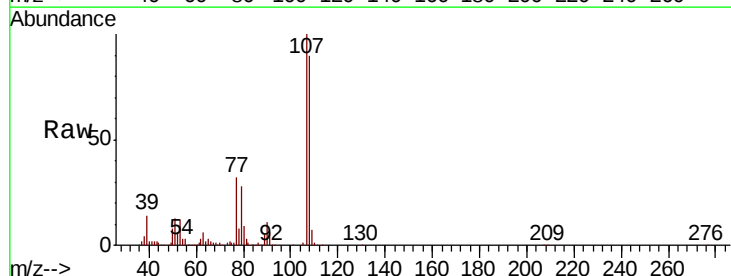
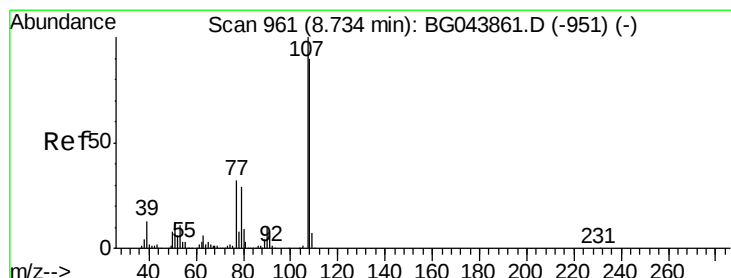
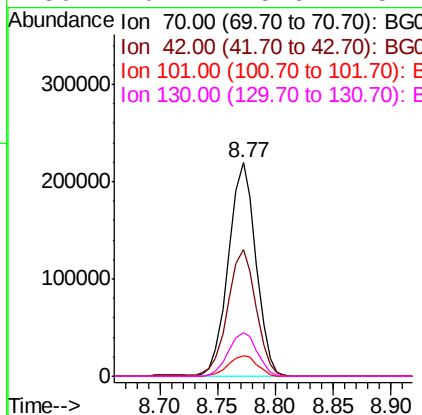
#19
n-Nitroso-di-n-propylamine
Concen: 47.368 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	47.0	70.4	
101	9.4	7.2	10.8	
130	20.7	15.6	23.4	

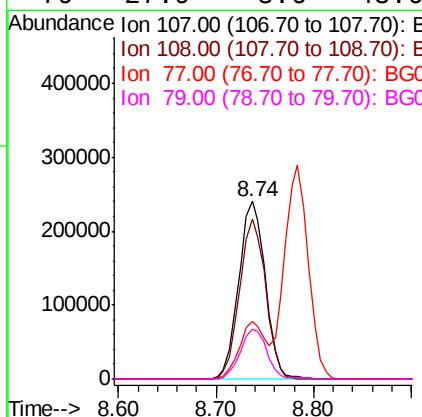
Manual Integrations
APPROVED

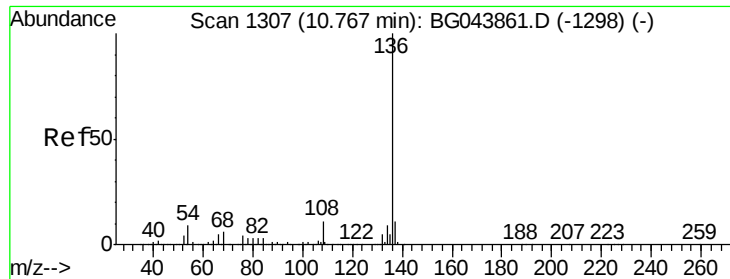
mohammad
1/6/2020 11:41:51 AM



#20
3+4-Methylphenols
Concen: 42.516 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	70.3	110.3	
77	32.4	12.4	52.4	
79	27.9	8.6	48.6	





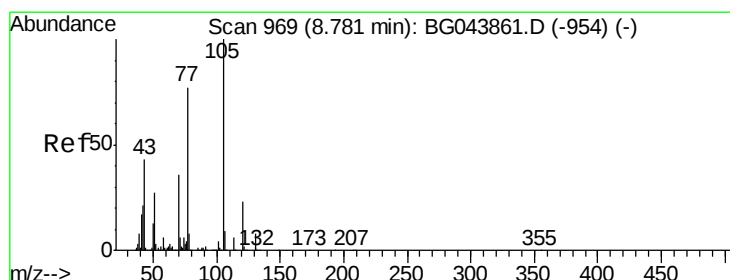
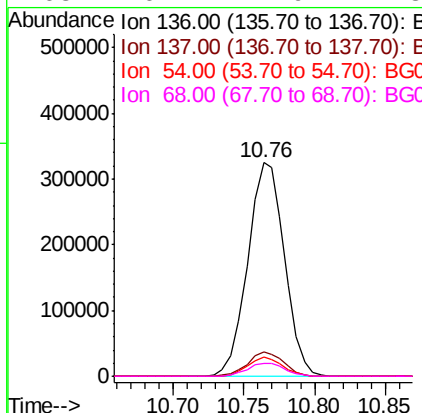
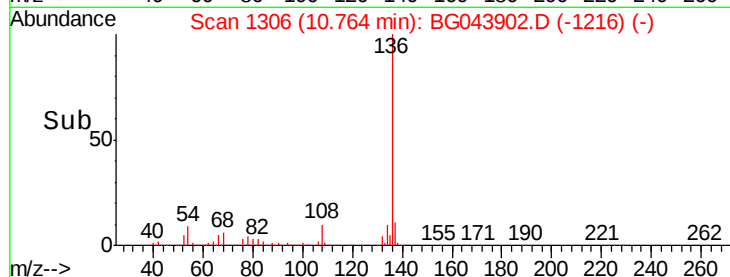
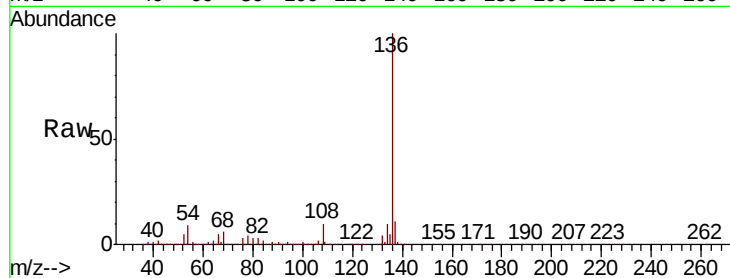
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	592650		
137	11.4		8.8	13.2
54	8.9		7.0	10.4
68	6.2		4.9	7.3

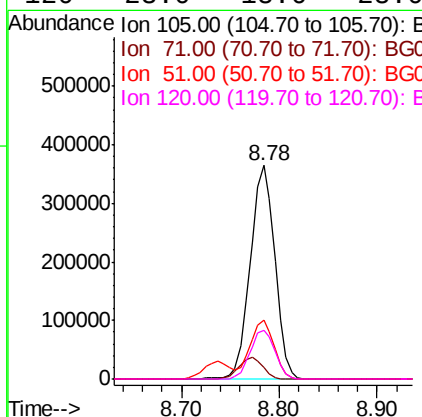
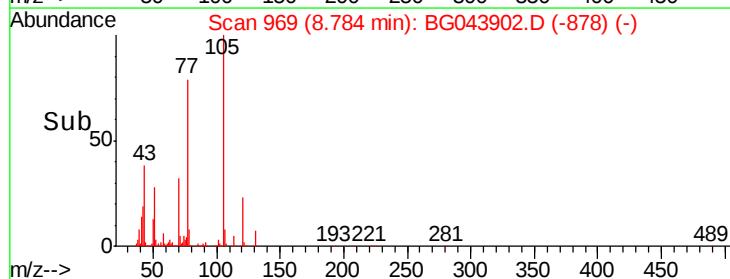
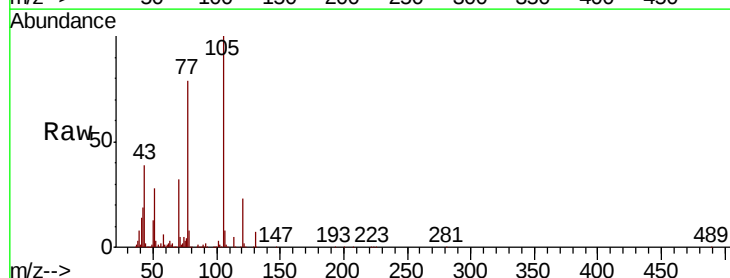
Manual Integrations
APPROVED

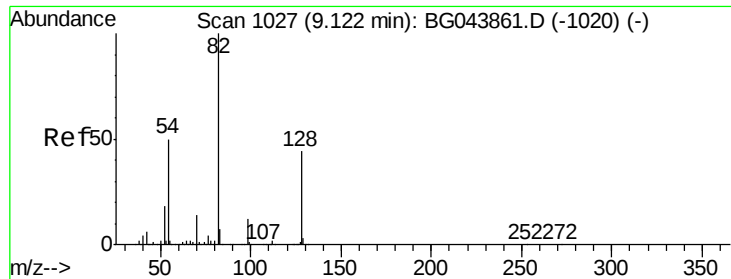
mohammad
1/6/2020 11:41:51 AM



#22
Acetophenone
Concen: 43.413 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639633		
71	5.3		4.8	7.2
51	27.8		21.4	32.0
120	23.0		18.6	28.0





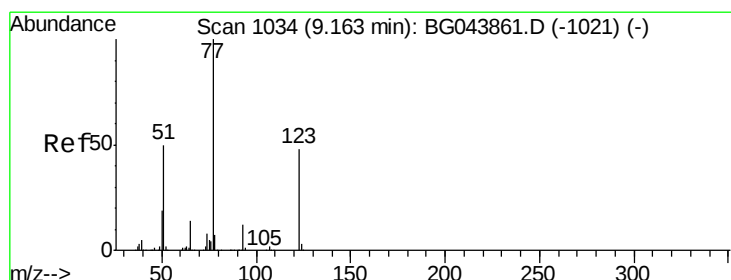
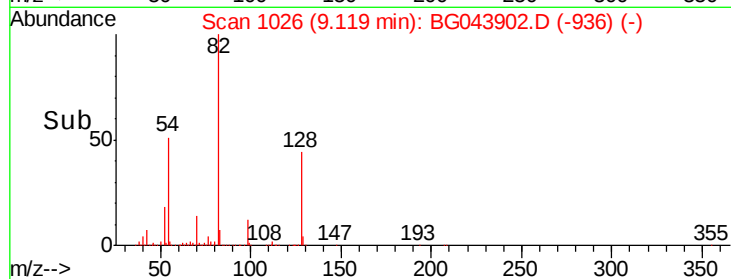
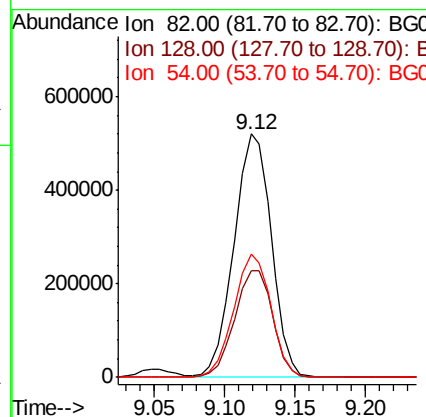
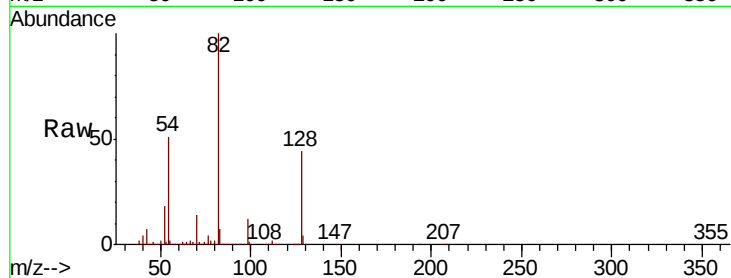
#23
 Nitrobenzene-d5
 Concen: 86.664 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.1	52.7
54	50.8	40.1	60.1

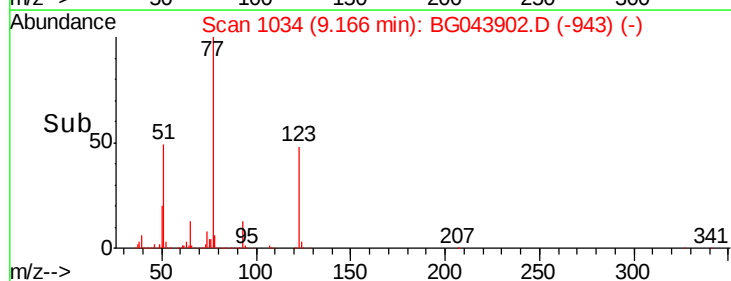
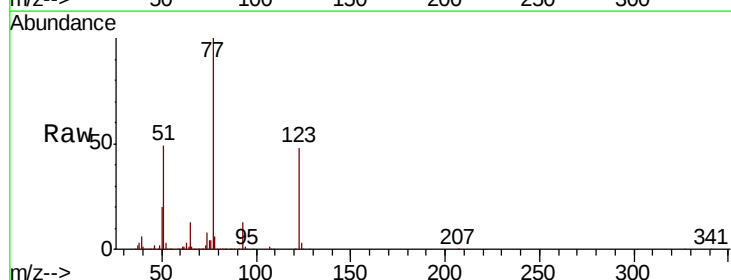
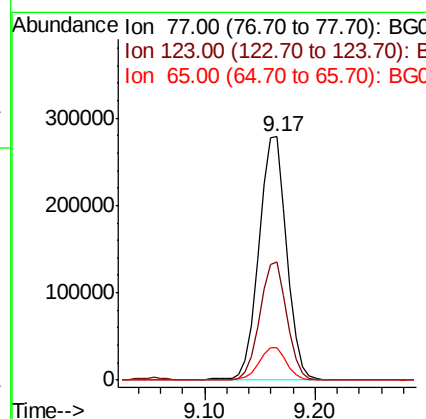
Manual Integrations
 APPROVED

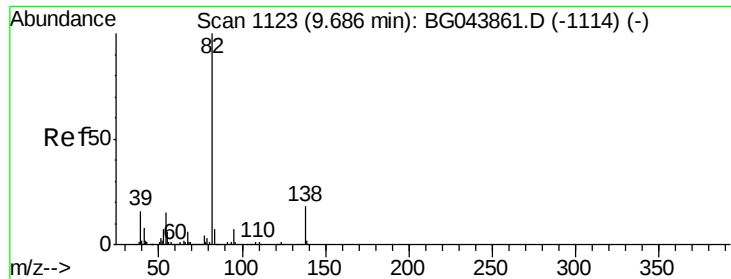
mohammad
 1/6/2020 11:41:51 AM



#24
 Nitrobenzene
 Concen: 44.638 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.7	58.1
65	13.3	11.1	16.7





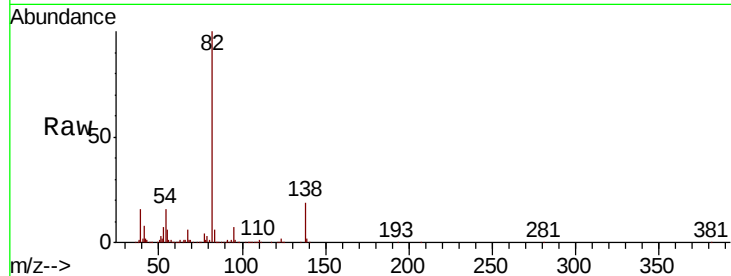
#25
Isophorone
Concen: 47.214 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

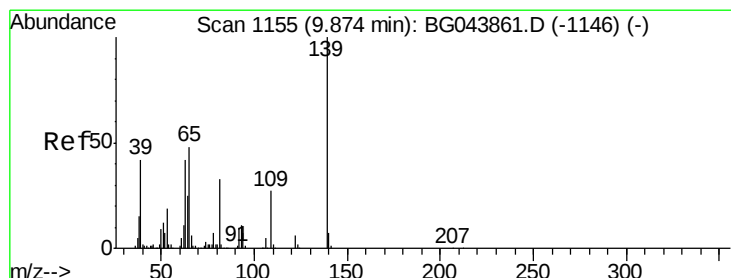
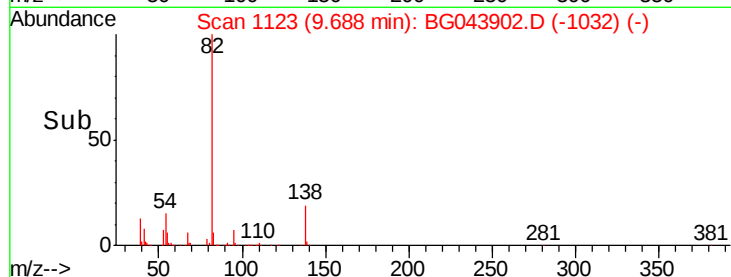
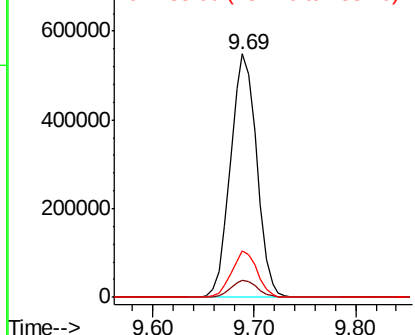
Tot Ion	Ratio	Resp	Lower	Upper
82	100	981310		
95	7.2		5.8	8.6
138	18.9		14.6	22.0

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



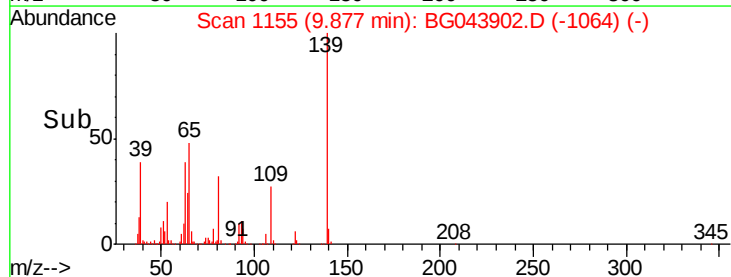
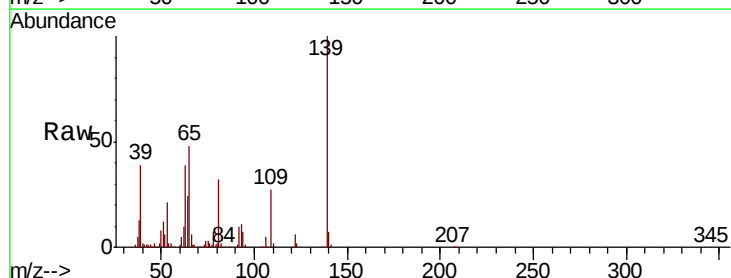
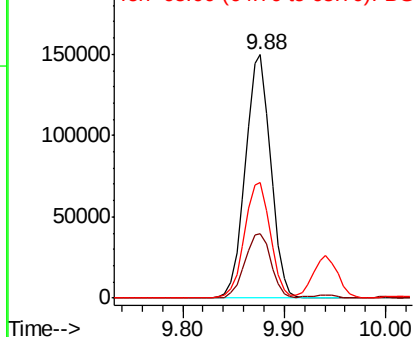
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

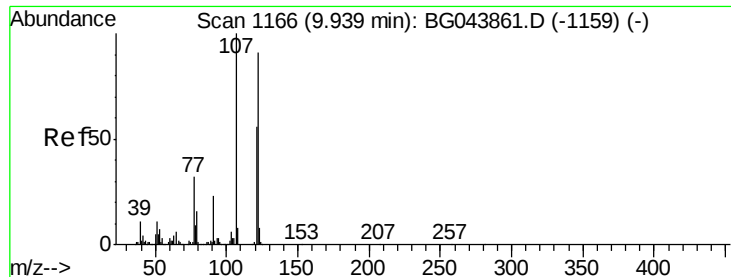


#26
2-Nitrophenol
Concen: 49.932 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	259206		
109	26.6		21.3	31.9
65	47.6		38.6	57.8

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





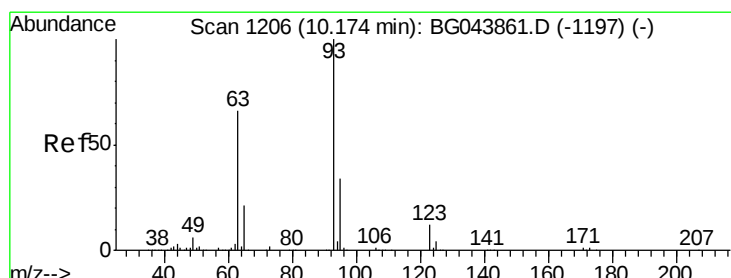
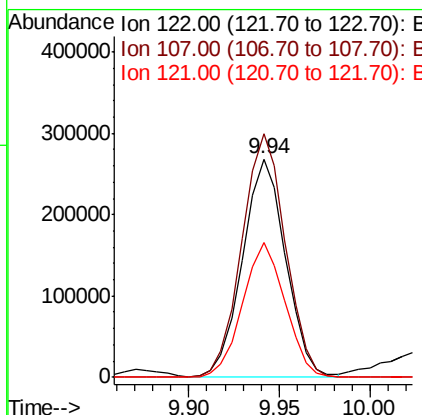
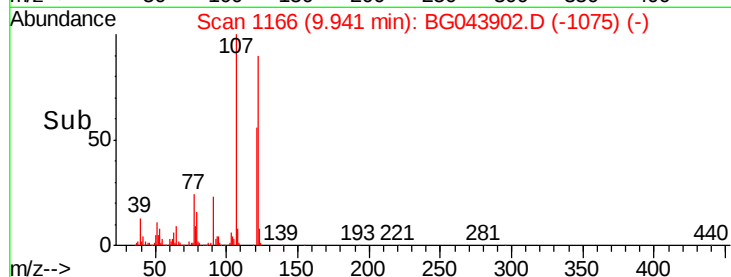
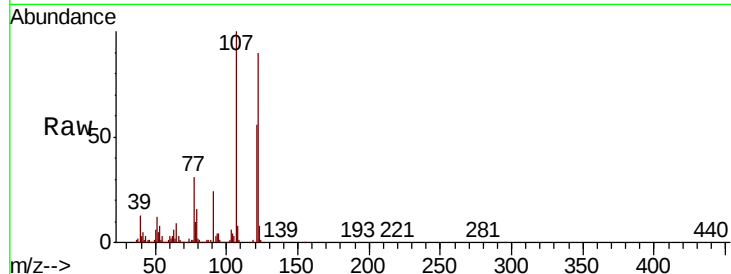
#27
2,4-Dimethylphenol
Concen: 56.719 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	443216		
107	111.7	88.0	132.0	
121	62.0	49.0	73.4	

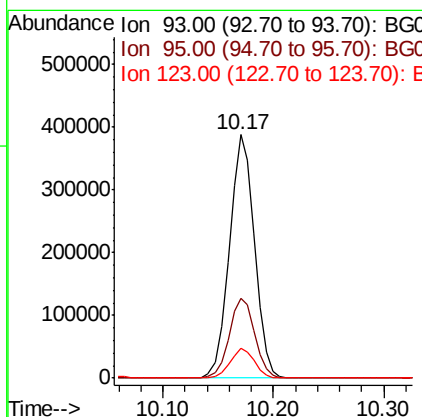
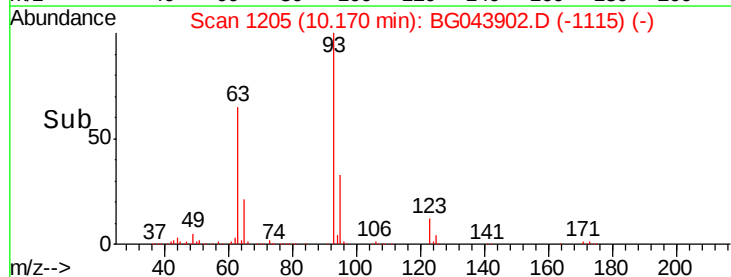
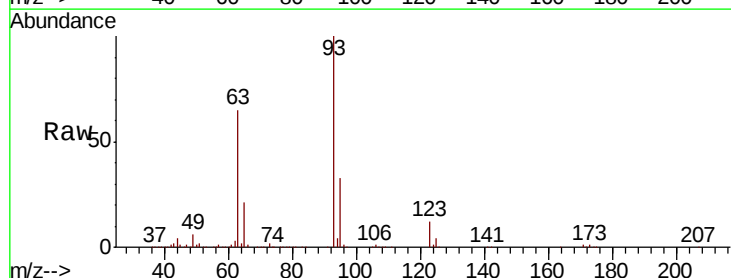
Manual Integrations
APPROVED

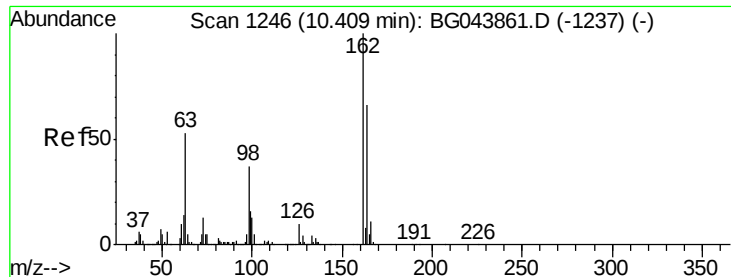
mohammad
1/6/2020 11:41:51 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.413 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	615404		
95	32.8	27.2	40.8	
123	12.0	9.7	14.5	





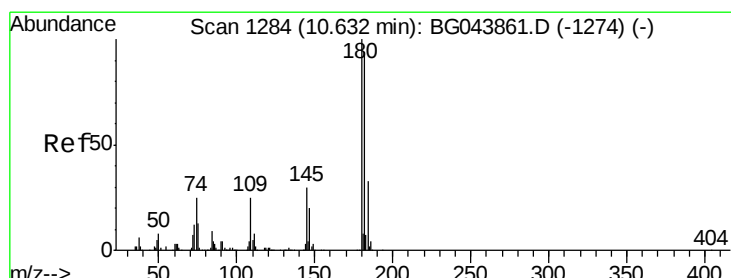
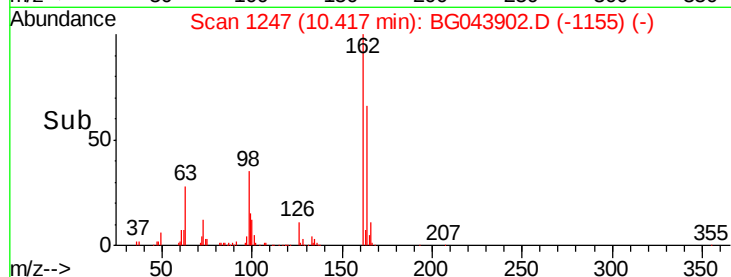
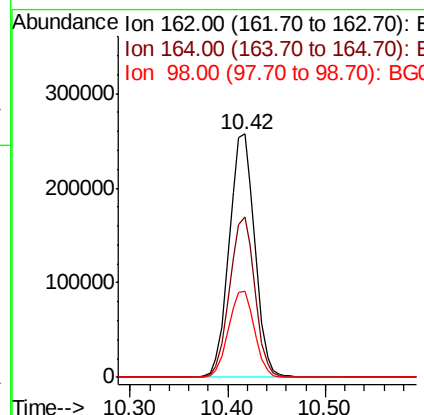
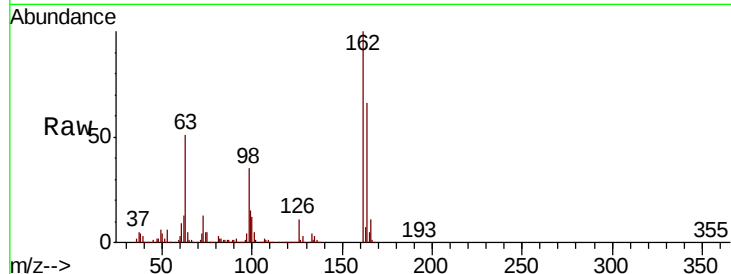
#29
 2,4-Dichlorophenol
 Concen: 49.985 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.8	46.3	86.3	
98	35.4	17.3	57.3	

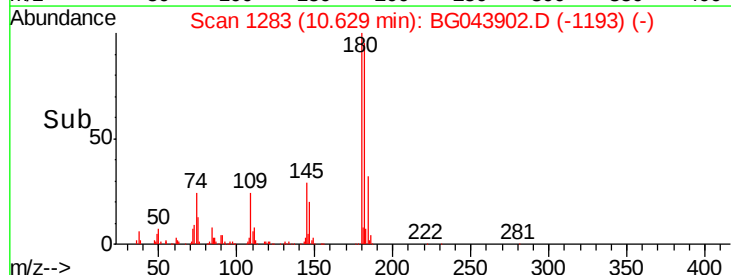
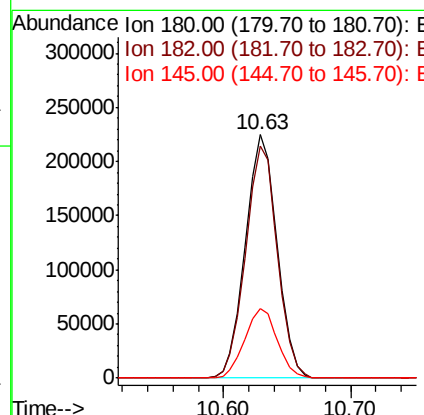
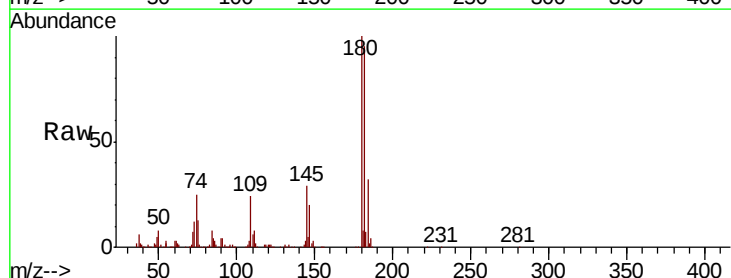
Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.243 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	75.0	112.4	
145	28.7	24.2	36.4	





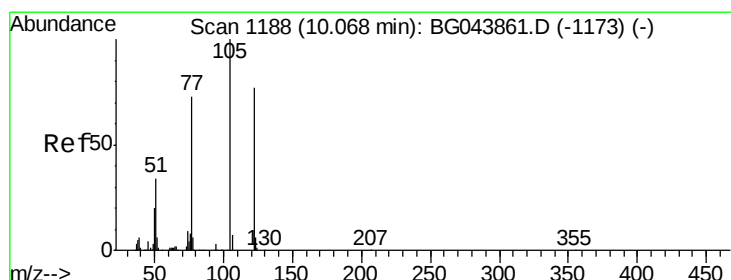
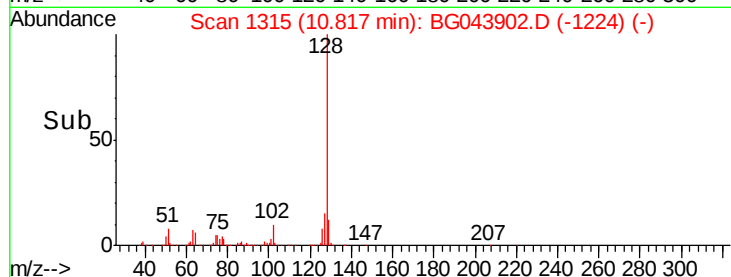
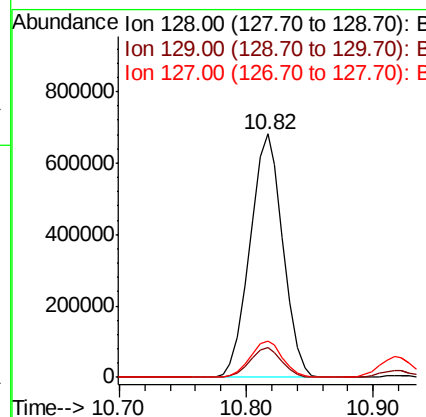
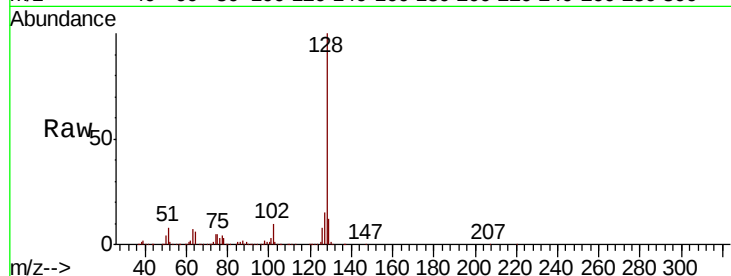
#31
Naphthalene
Concen: 42.684 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	15.0	12.0	18.0

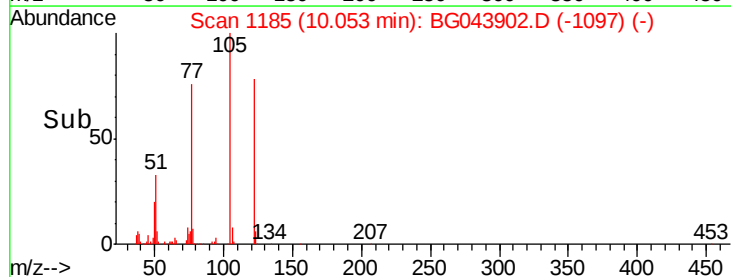
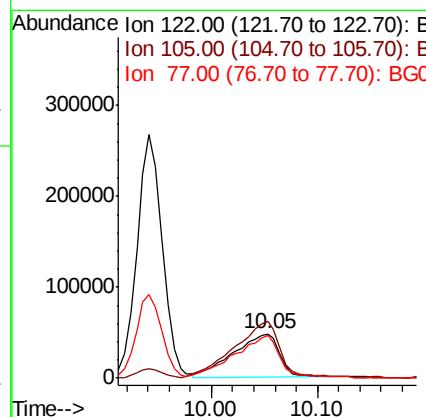
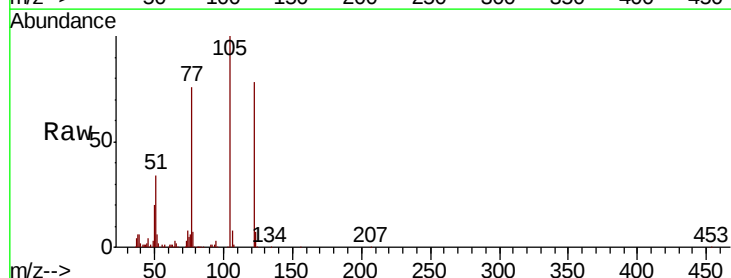
Manual Integrations
APPROVED

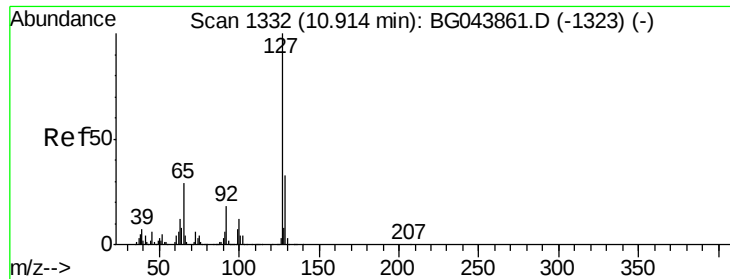
mohammad
1/6/2020 11:41:51 AM



#32
Benzoic acid
Concen: 26.378 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	106.4	146.4
77	96.8	74.6	114.6





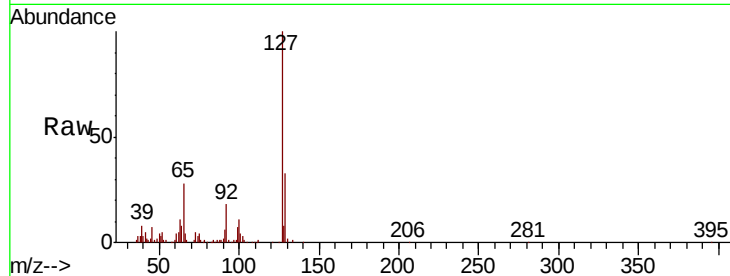
#33
4-Chloroaniline
Concen: 7.721 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.6	40.0		
65	28.0	23.3	34.9		
92	17.7	14.7	22.1		

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



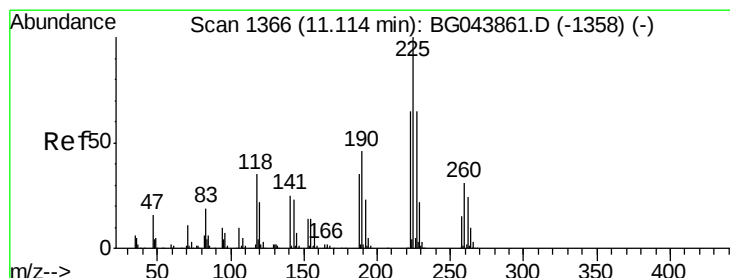
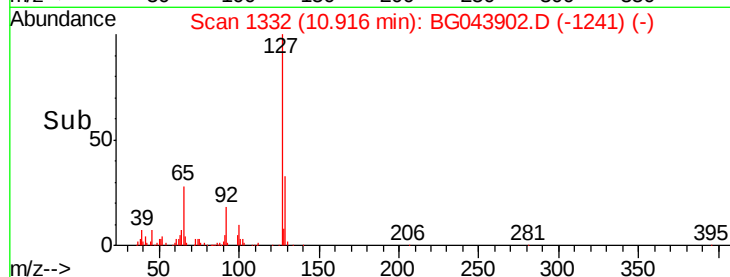
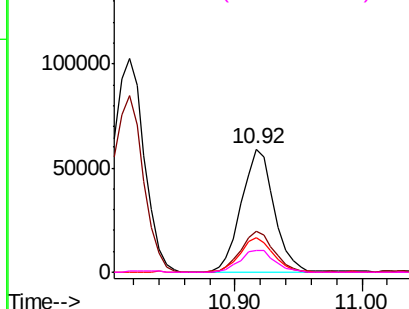
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 32.098 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

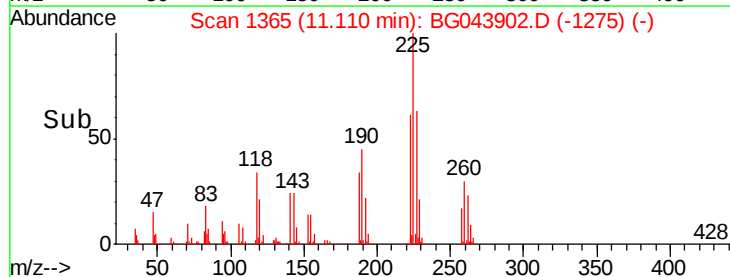
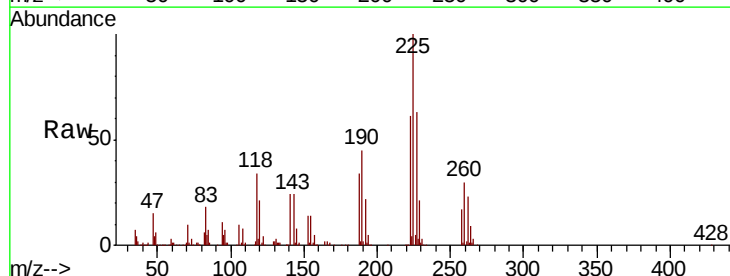
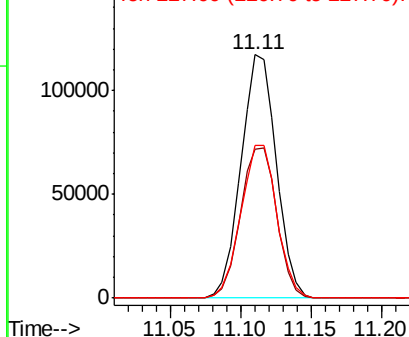
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	52.2	78.4		
227	63.0	52.1	78.1		

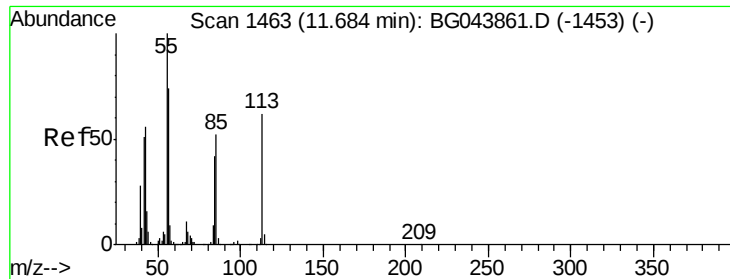
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.326 ng/ml

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

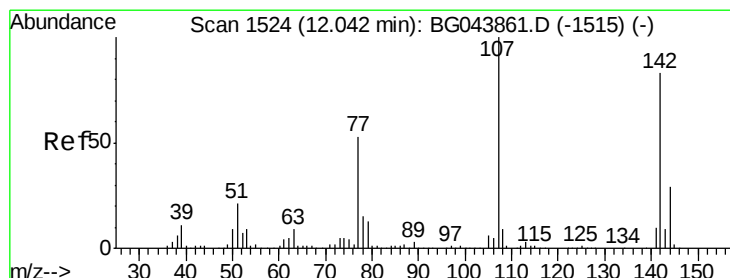
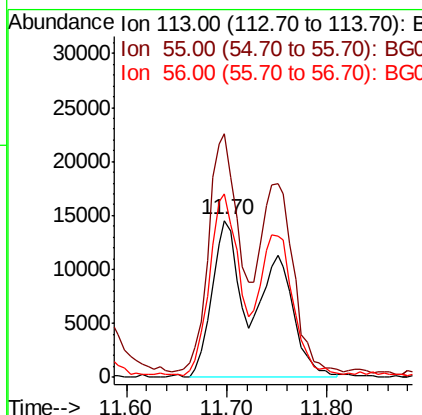
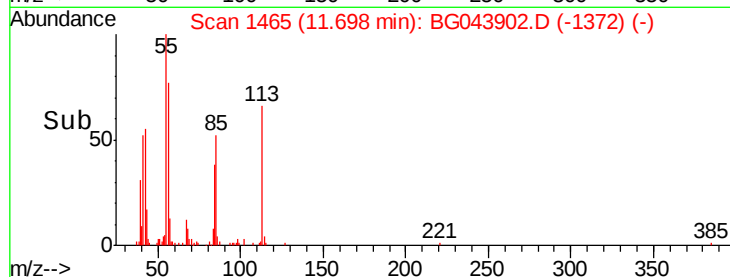
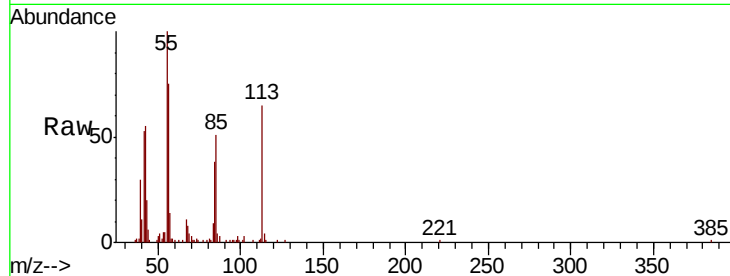
ClientSampleId :

OW-5MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.0	142.5	182.5
56	116.9	101.4	141.4

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#36

4-Chloro-3-methylphenol

Concen: 51.254 ng/ml

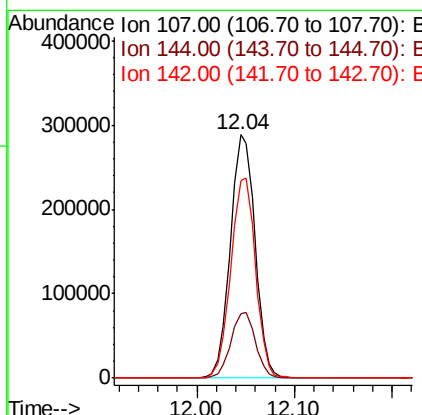
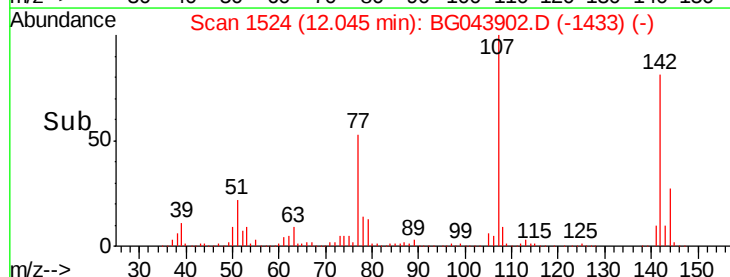
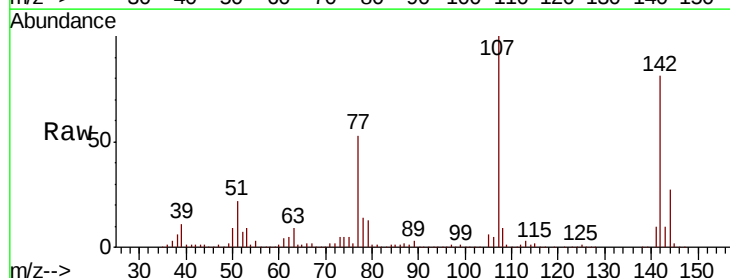
RT: 12.04 min Scan# 1524

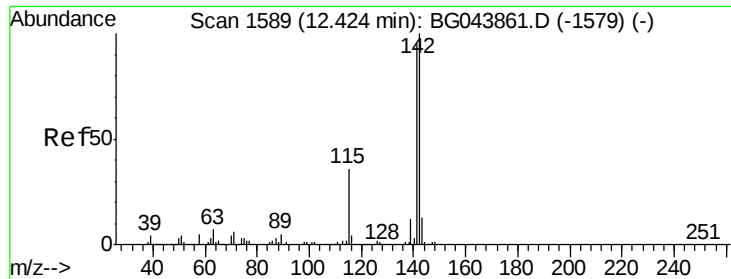
Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	23.4	35.2
142	81.2	66.3	99.5





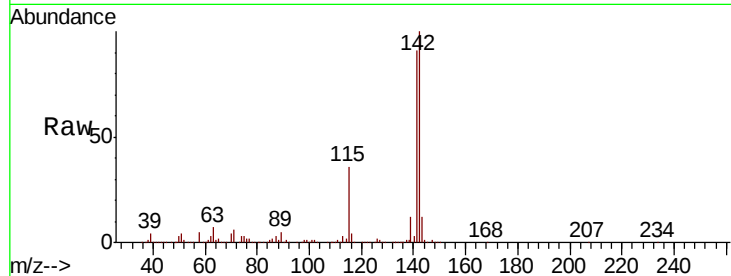
#37
2-Methylnaphthalene
Concen: 44.234 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.8	113.8
115	35.8	28.6	42.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

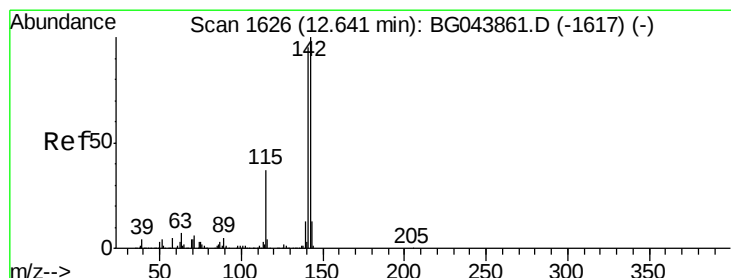
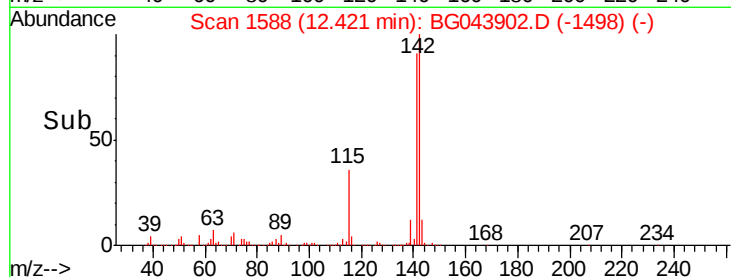
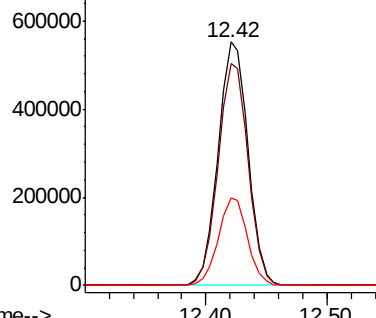


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

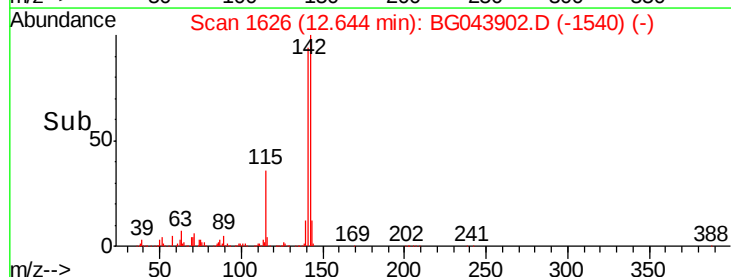
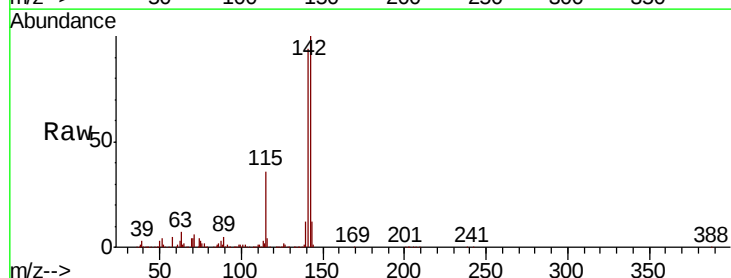
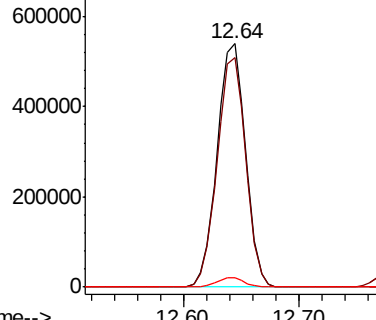
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.0	114.0
116	3.9	3.1	4.7

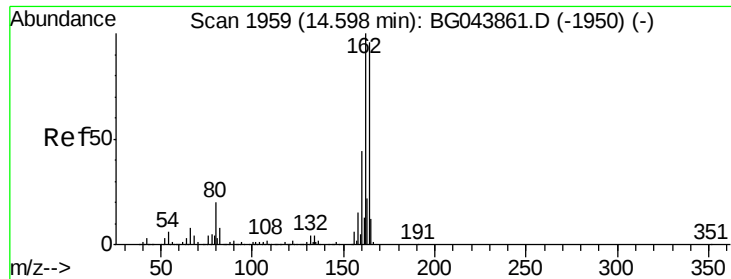
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





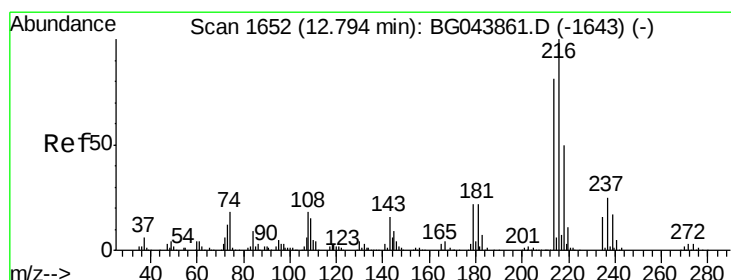
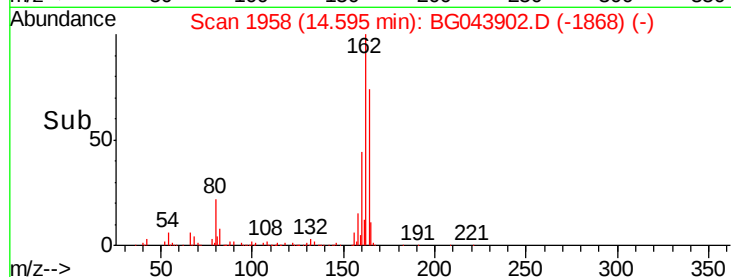
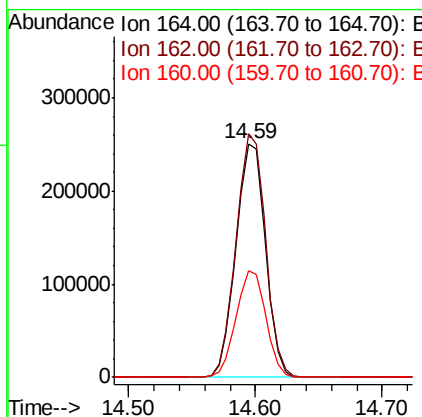
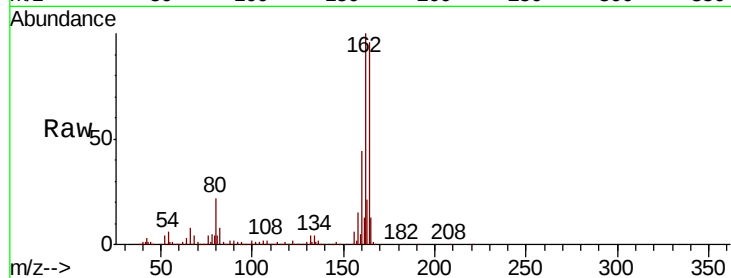
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	83.0	124.4	
160	45.7	36.1	54.1	

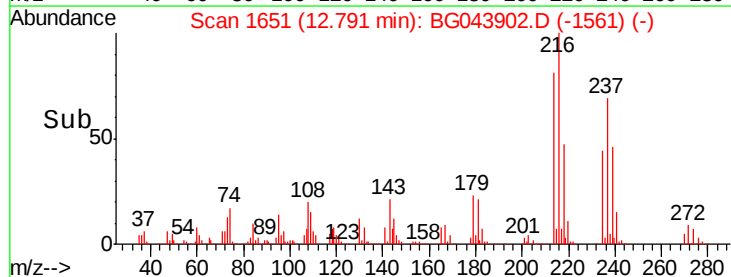
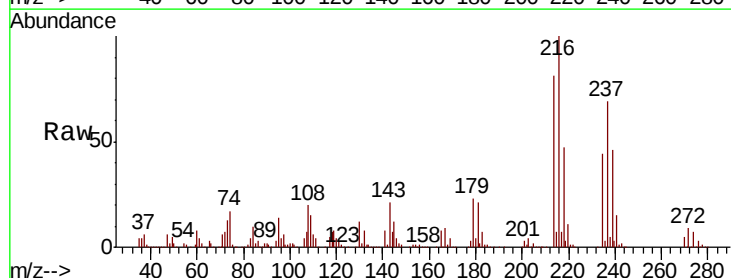
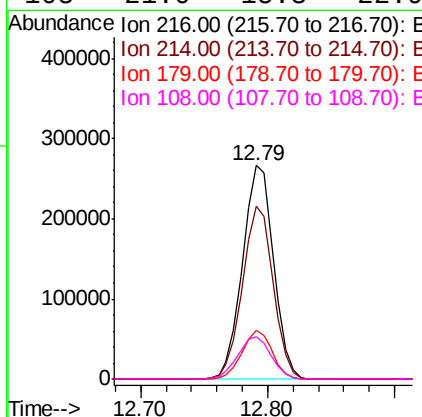
Manual Integrations
APPROVED

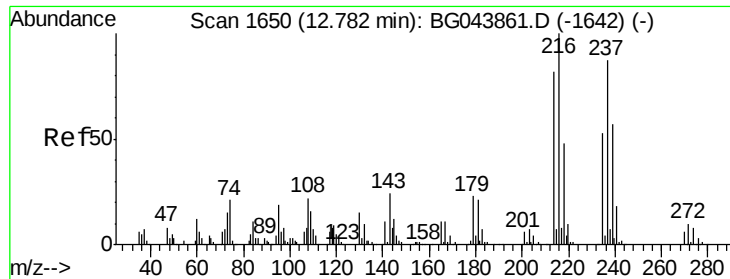
mohammad
1/6/2020 11:41:51 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.466 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	22.0	17.3	25.9	
108	21.0	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 80.862 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

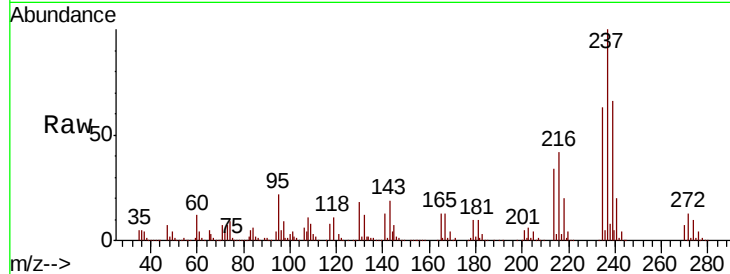
ClientSampleId :

OW-5MSD

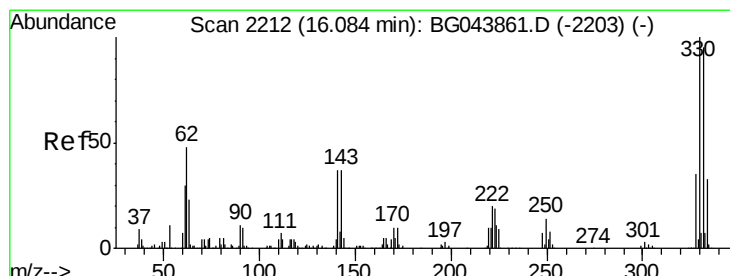
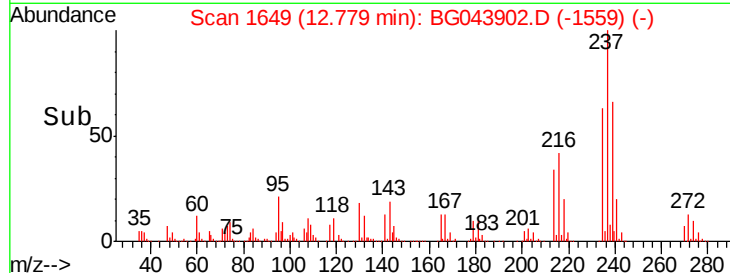
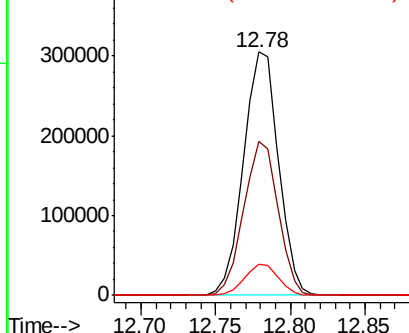
Tot Ion:	237	Resp:	494712
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.1	81.1
272	12.5	0.0	31.7

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



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



#42

2,4,6-Tribromophenol

Concen: 146.252 ng

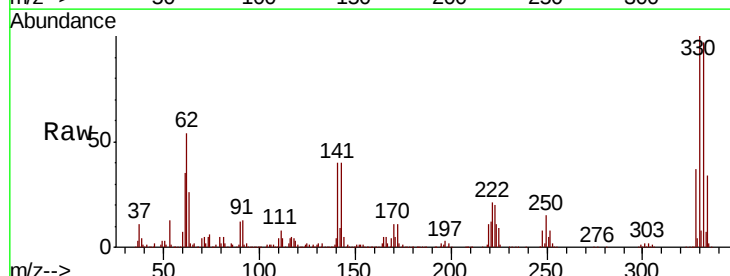
RT: 16.09 min Scan# 2212

Delta R.T. 0.00 min

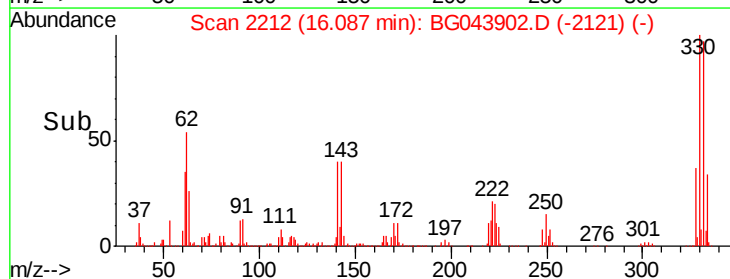
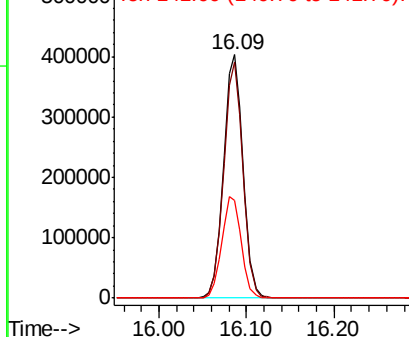
Lab File: BG043902.D

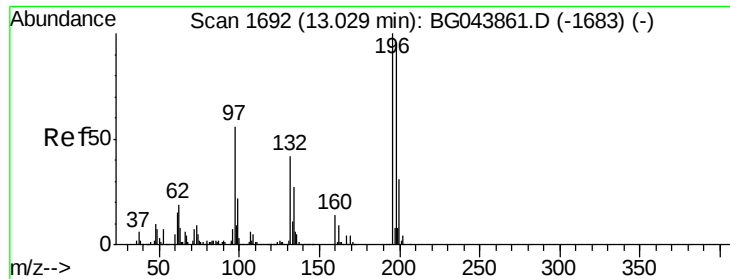
Acq: 4 Jan 2020 00:29

Tgt Ion:	330	Resp:	616209
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.2	115.8
141	42.1	33.1	49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





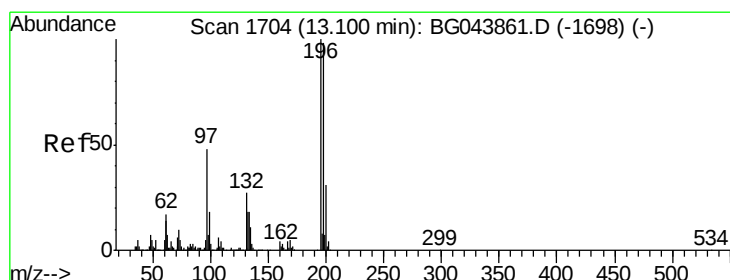
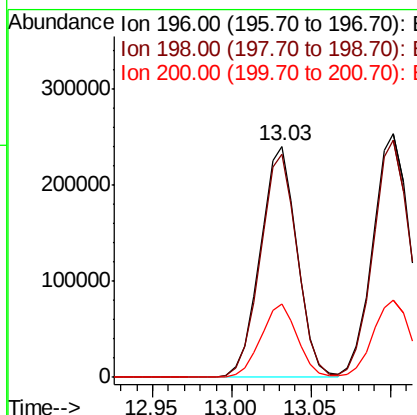
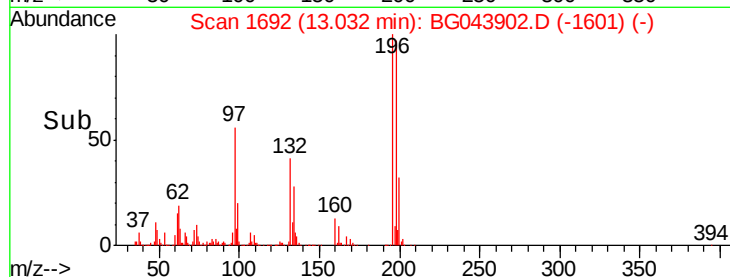
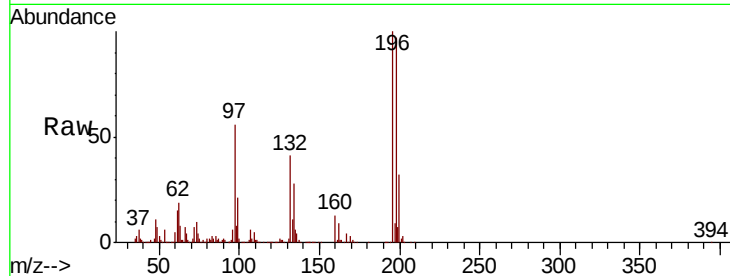
#43
 2,4,6-Trichlorophenol
 Concen: 47.717 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	387460		
198	96.5	76.6	115.0	
200	31.8	24.6	37.0	

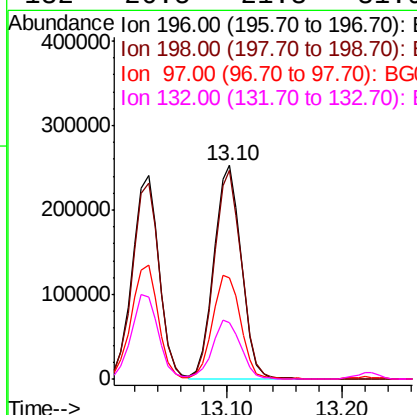
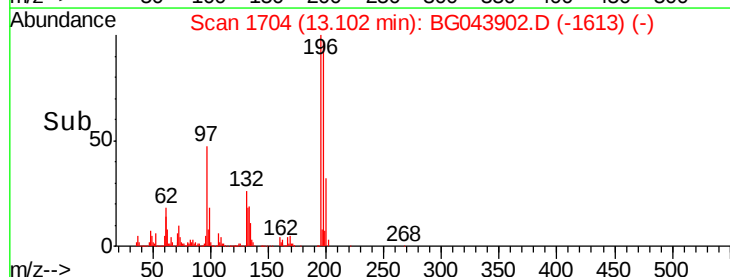
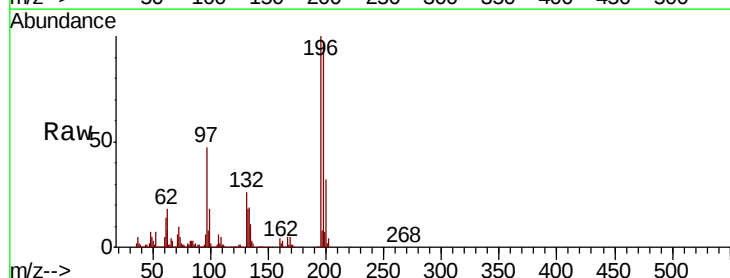
Manual Integrations
 APPROVED

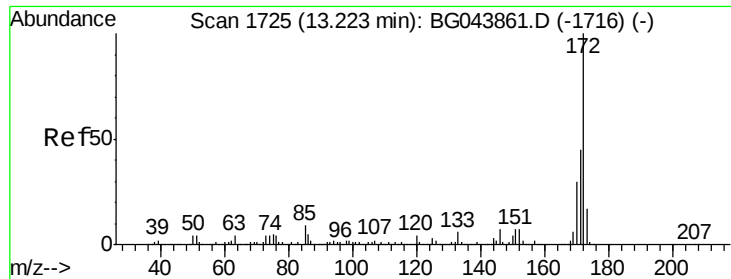
mohammad
 1/6/2020 11:41:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.434 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413995		
198	97.4	78.3	117.5	
97	47.3	38.8	58.2	
132	26.5	21.3	31.9	





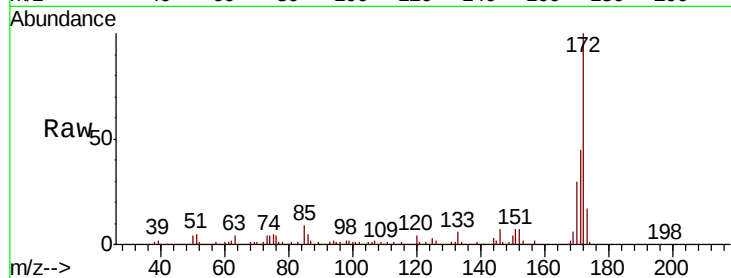
#45
2-Fluorobiphenyl
Concen: 89.742 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.9	35.8	53.8
170	30.0	24.2	36.4

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

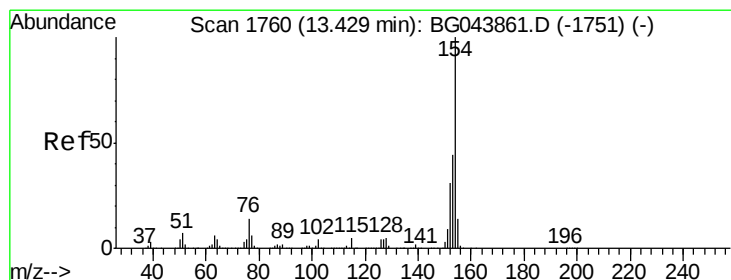
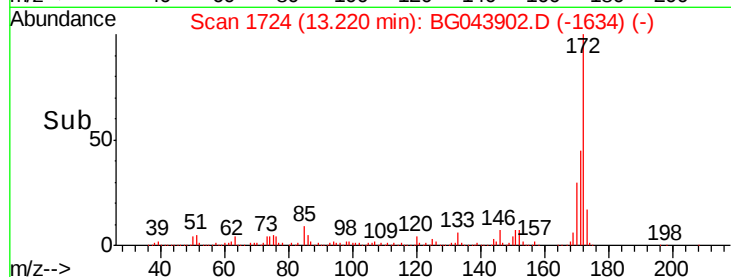
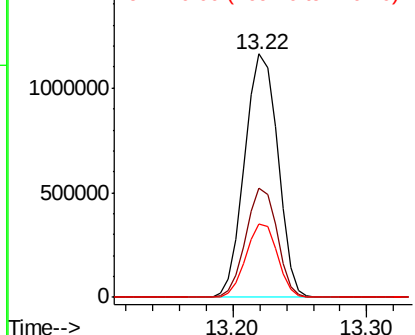


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.842 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

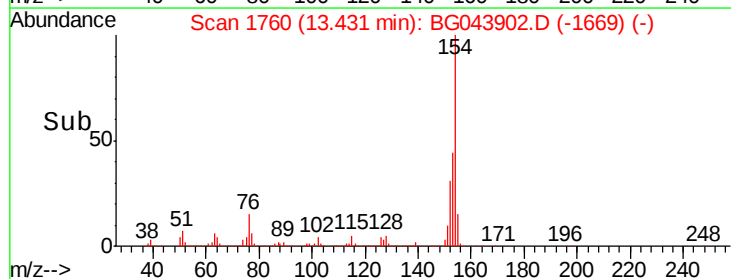
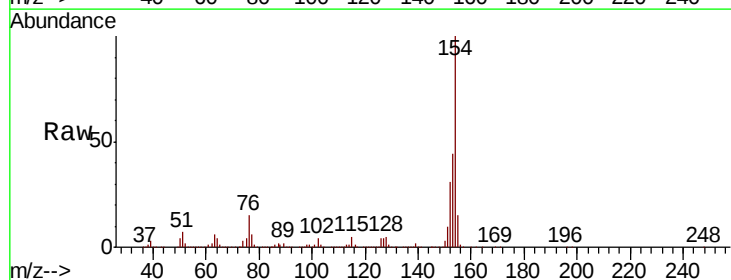
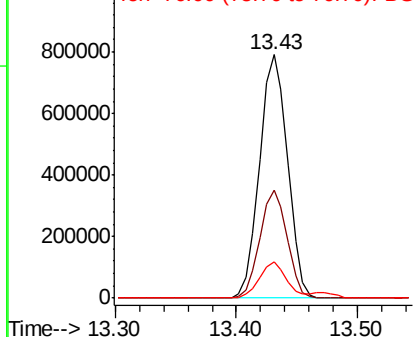
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	23.6	63.6
76	14.8	0.0	34.4

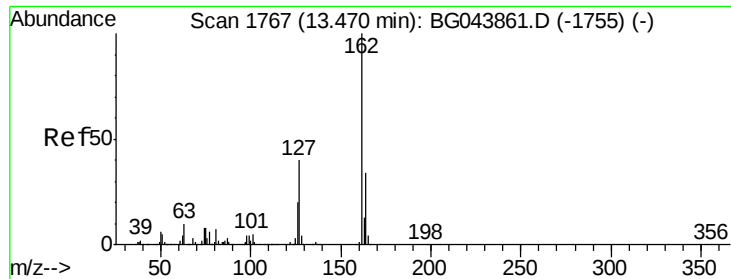
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





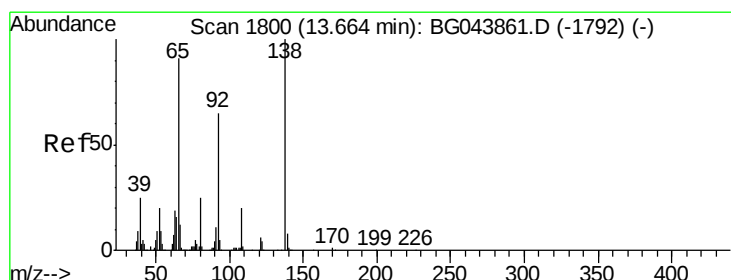
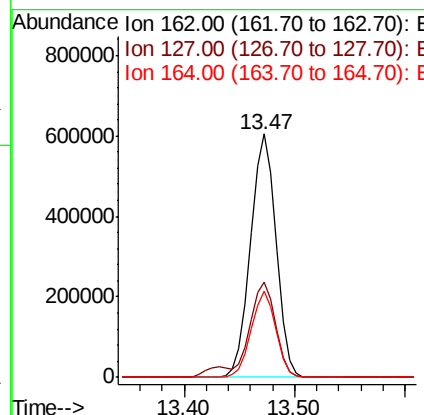
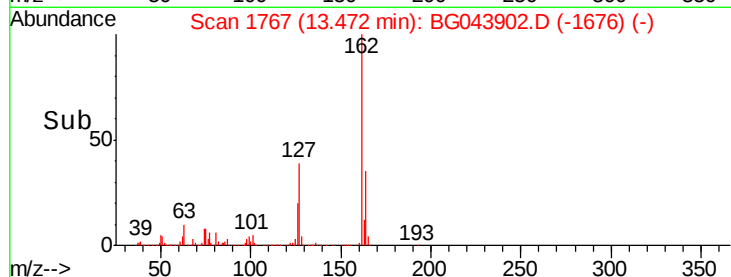
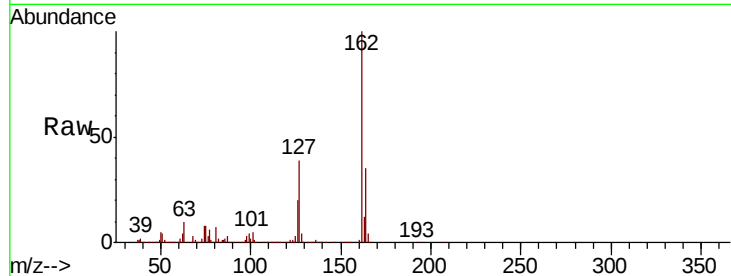
#47
 2-Chloronaphthalene
 Concen: 42.187 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.2	32.1	48.1
164	35.5	27.5	41.3

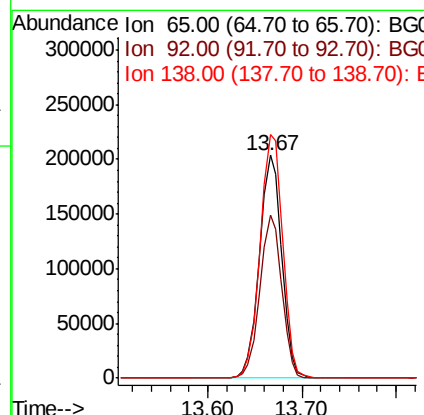
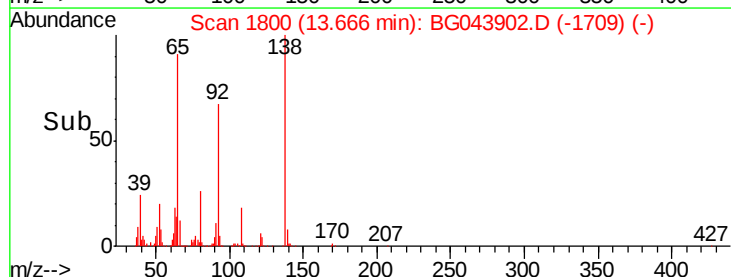
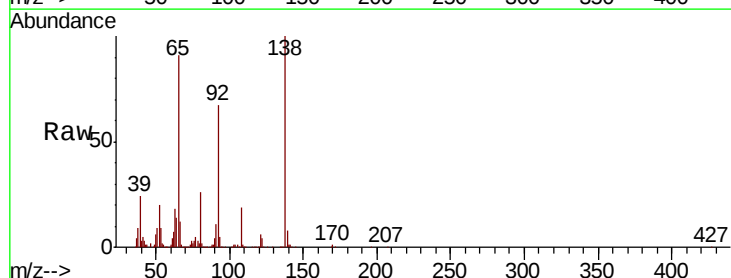
Manual Integrations
 APPROVED

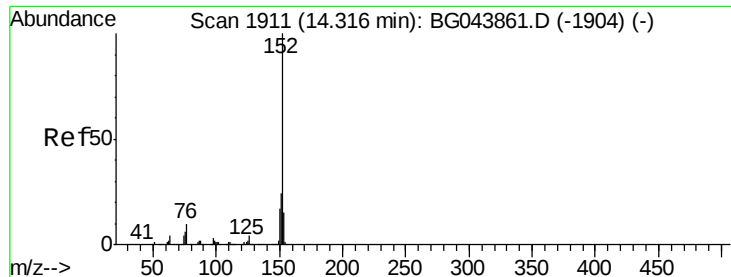
mohammad
 1/6/2020 11:41:51 AM



#48
 2-Nitroaniline
 Concen: 44.594 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.4	57.4	86.2
138	109.4	88.2	132.4





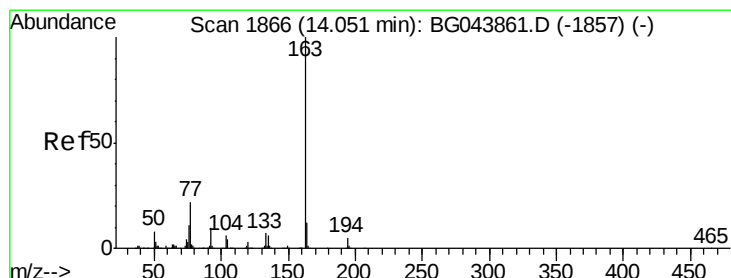
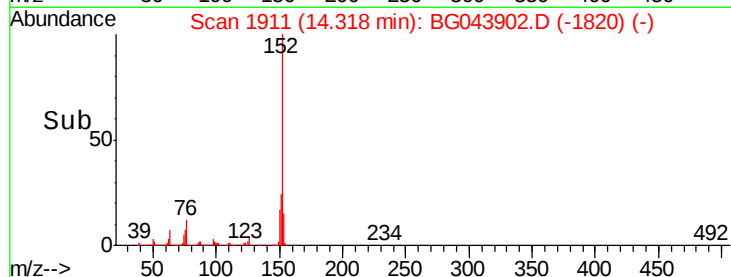
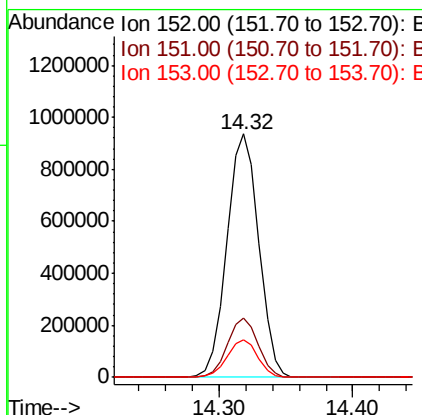
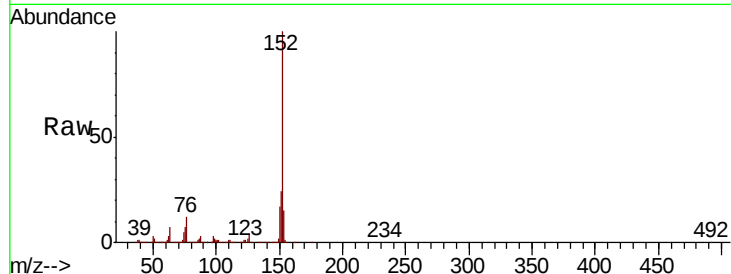
#49
Acenaphthylene
Concen: 46.388 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.4	29.2
153	15.3	12.0	18.0

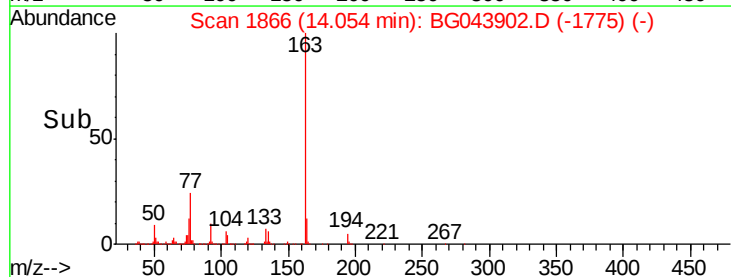
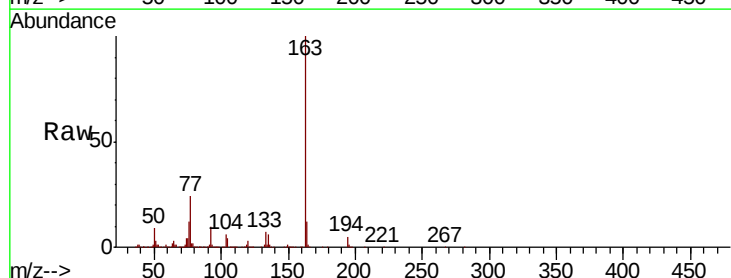
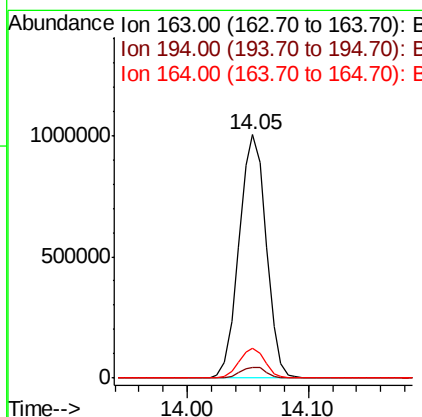
Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#50
Dimethylphthalate
Concen: 54.912 ng
RT: 14.05 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	12.1	9.3	13.9





#51

2,6-Dinitrotoluene

Concen: 48.032 ng

RT: 14.17 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

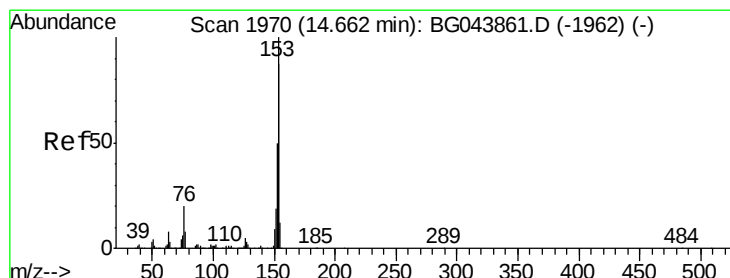
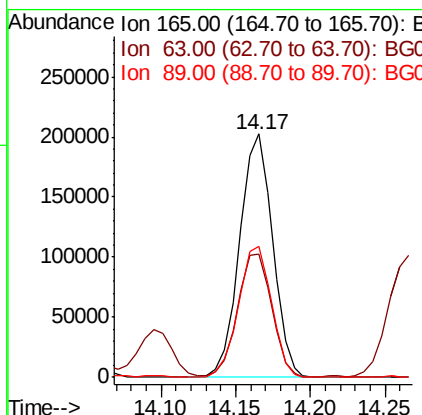
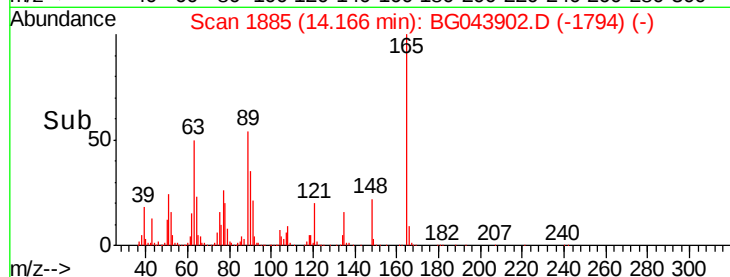
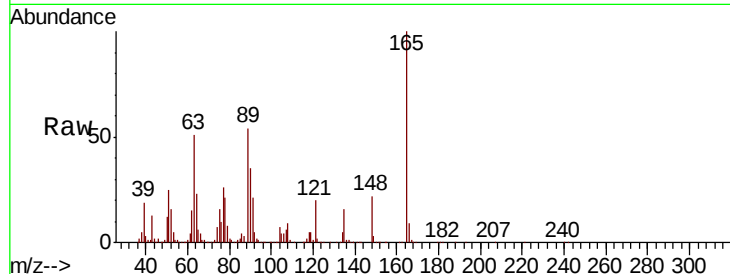
ClientSampleId :

OW-5MSD

Tot Ion:	165	Resp:	310355
Ion Ratio	Lower	Upper	
165	100		
63	50.7	43.1	64.7
89	53.6	43.8	65.6

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#52

Acenaphthene

Concen: 45.035 ng

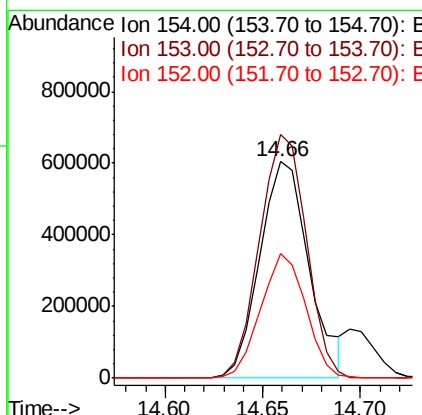
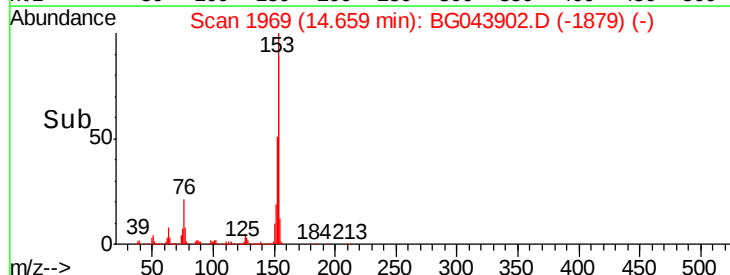
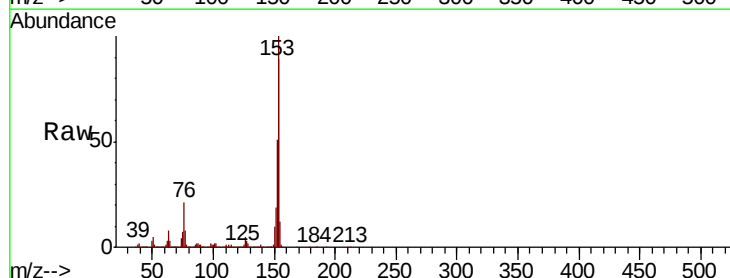
RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	154	Resp:	1058868
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.6	137.4
152	57.5	45.4	68.0





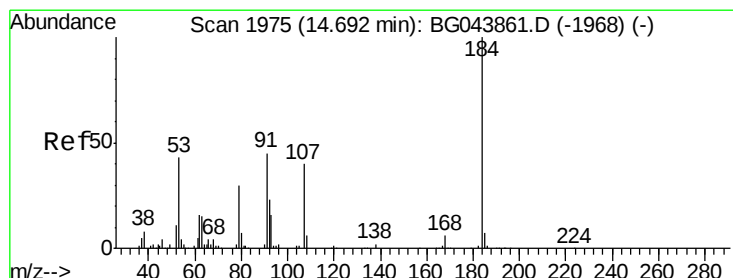
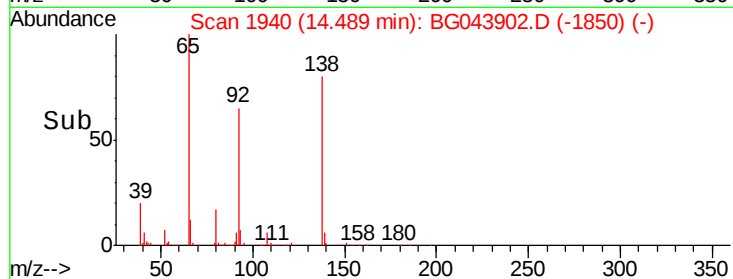
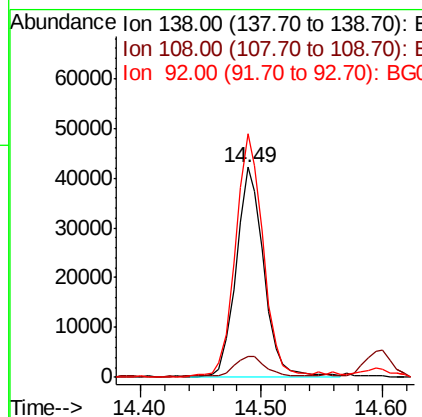
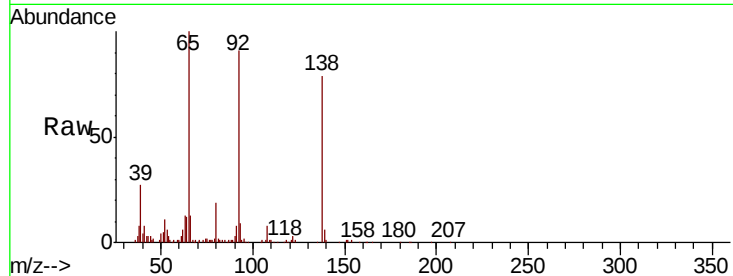
#53
3-Nitroaniline
Concen: 9.235 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.4	11.2
92	116.0	92.1	138.1

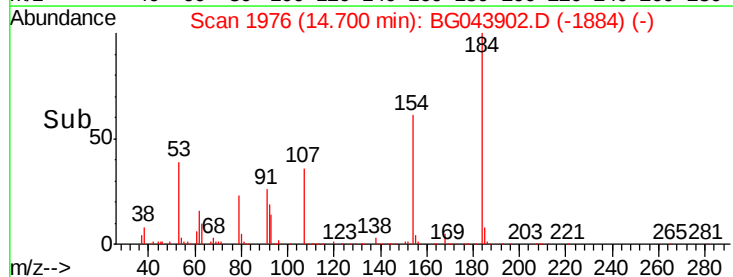
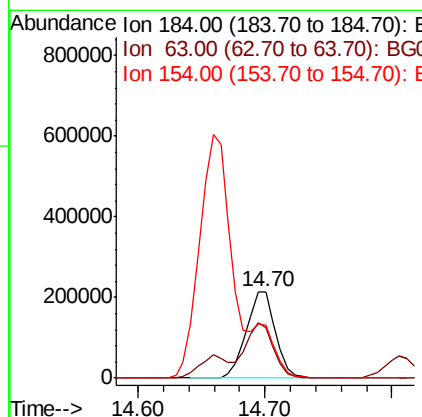
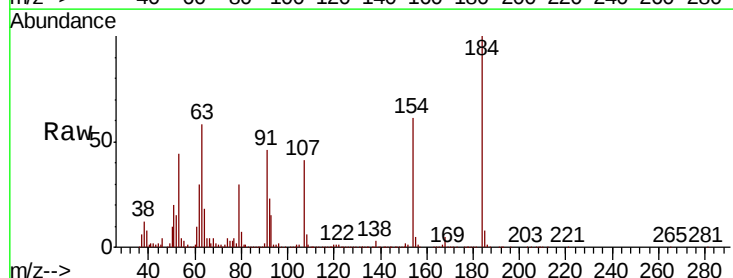
Manual Integrations
APPROVED

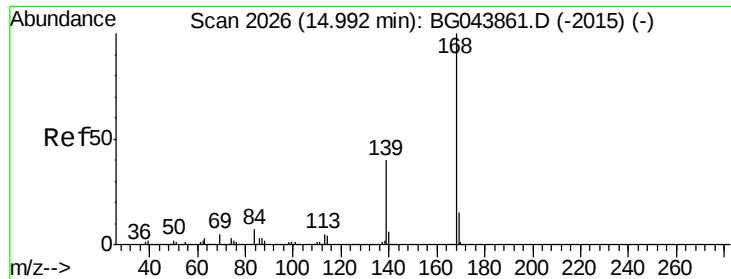
mohammad
1/6/2020 11:41:51 AM



#54
2,4-Dinitrophenol
Concen: 102.640 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	46.6	70.0
154	60.7	50.2	75.4





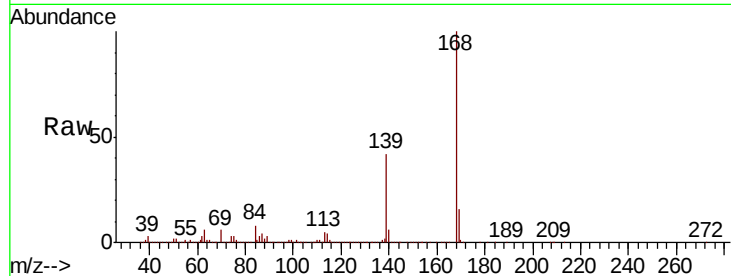
#55
Dibenzenofuran
Concen: 46.555 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.2	48.2
169	16.2	12.2	18.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

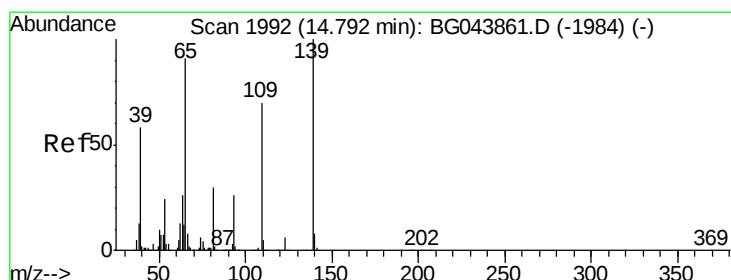
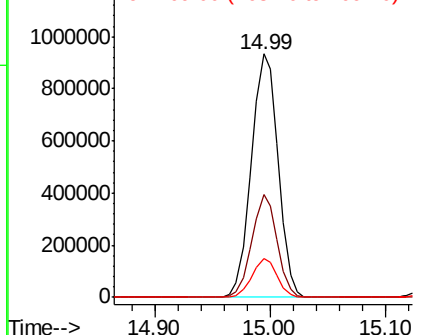
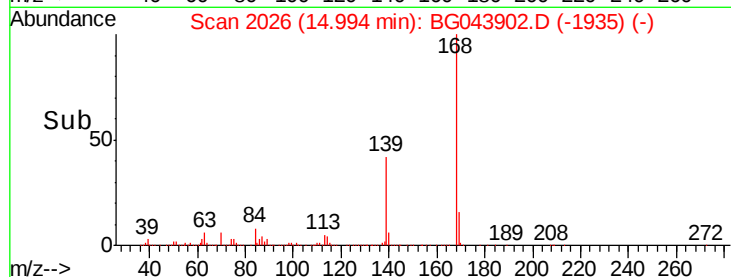


Abundance

Ion 168.00 (167.70 to 168.70): E

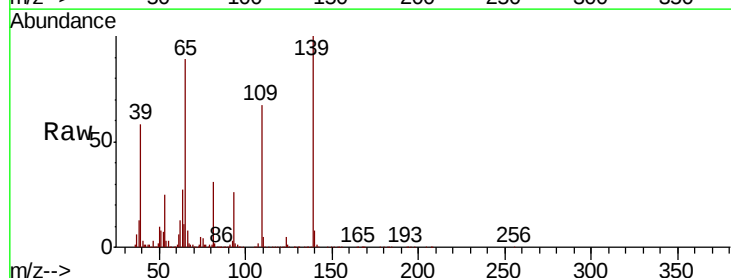
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 58.735 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.4	90.4
65	89.4	71.4	111.4

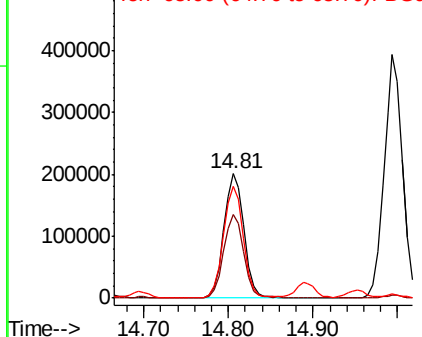
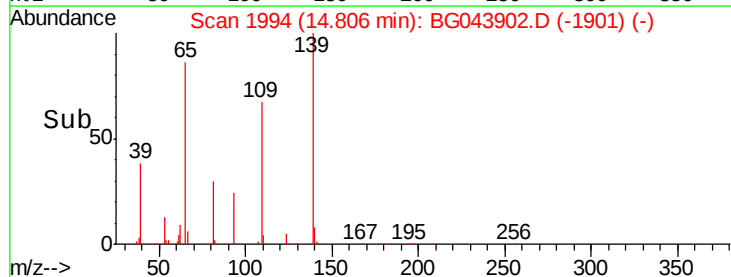


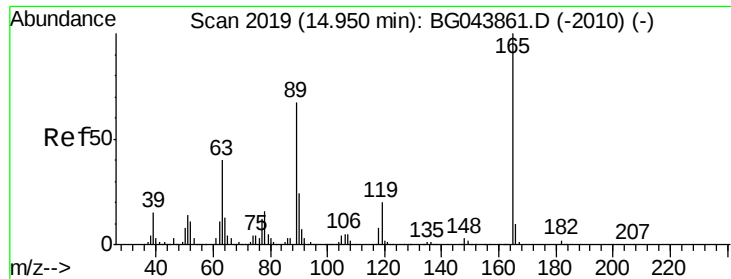
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





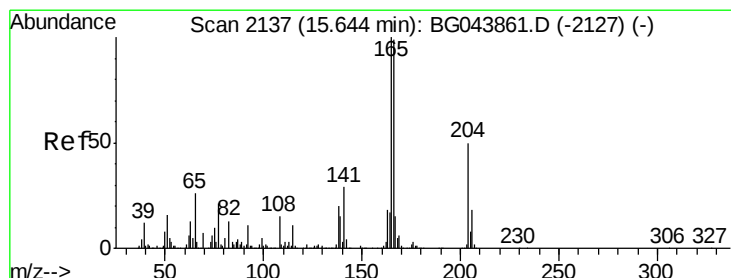
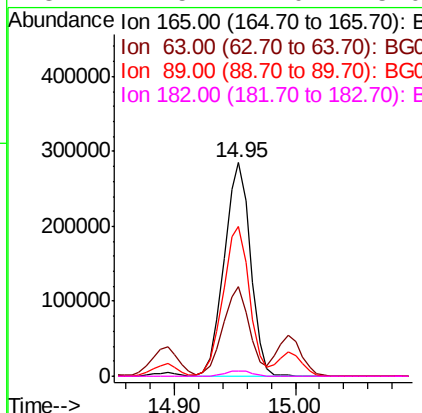
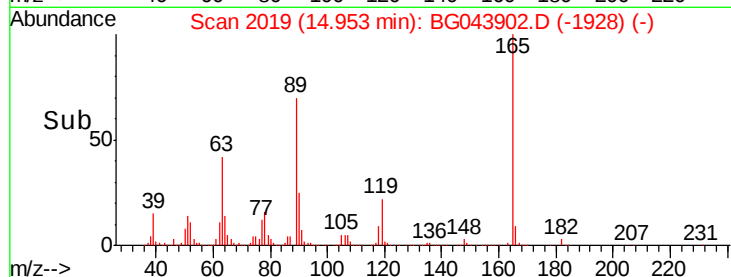
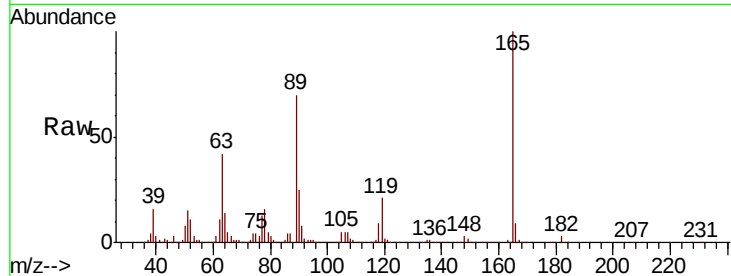
#57
 2,4-Dinitrotoluene
 Concen: 48.817 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	31.9	47.9
89	70.1	53.8	80.6
182	2.5	2.0	3.0

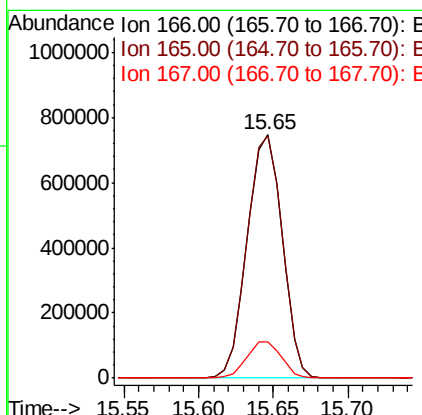
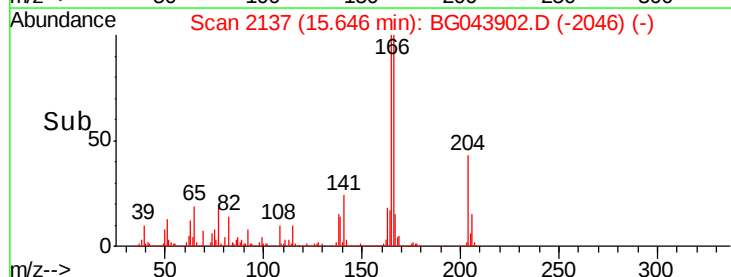
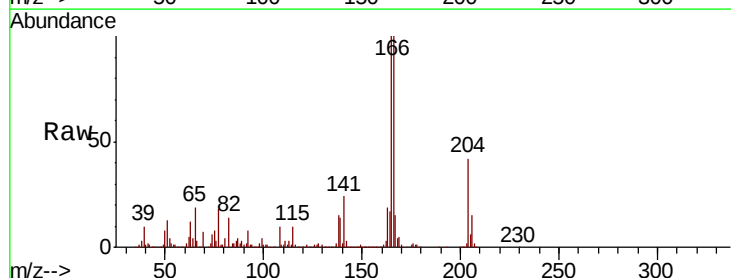
Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM



#58
 Fluorene
 Concen: 47.234 ng
 RT: 15.65 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.8	121.2
167	15.0	12.1	18.1





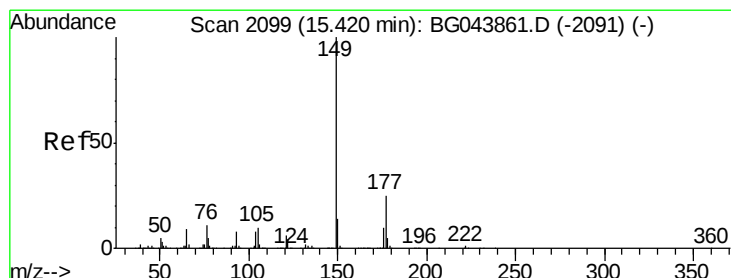
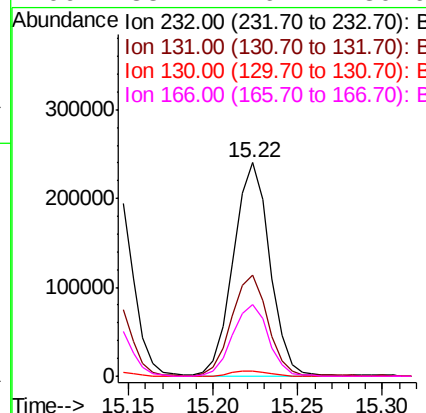
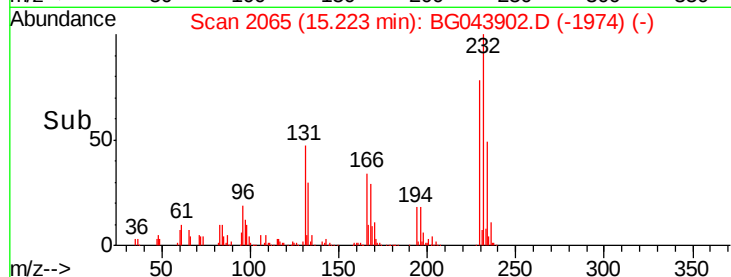
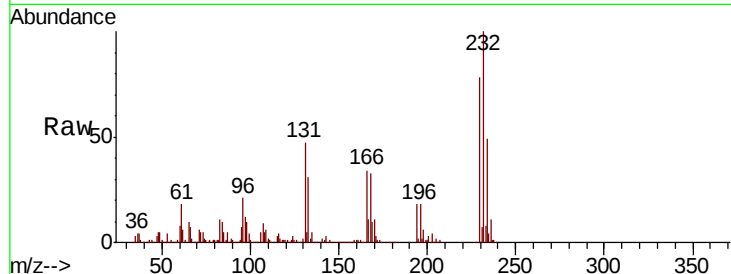
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.921 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	38.2	57.2
130	2.8	2.2	3.2
166	33.4	26.4	39.6

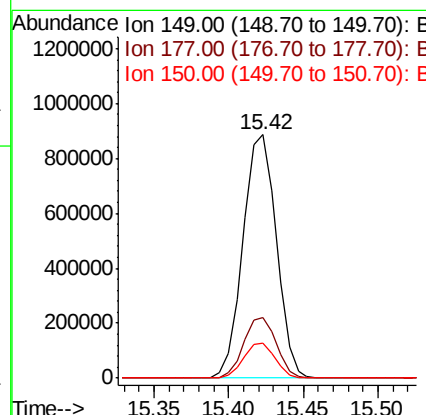
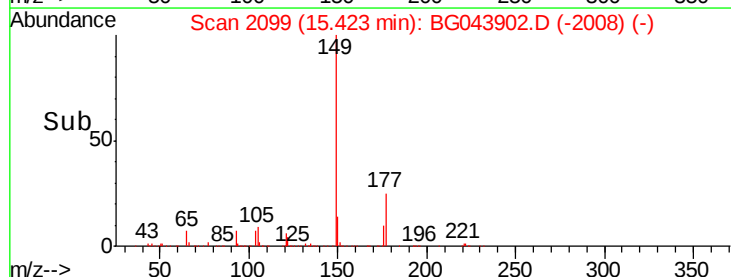
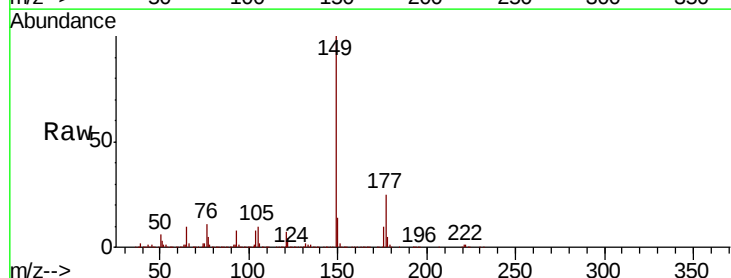
Manual Integrations
 APPROVED

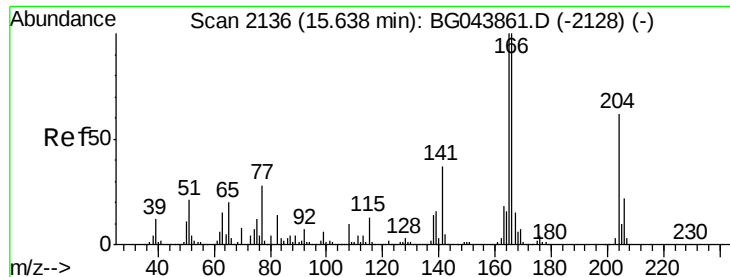
mohammad
 1/6/2020 11:41:51 AM



#60
 Diethylphthalate
 Concen: 48.013 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	14.2	11.1	16.7





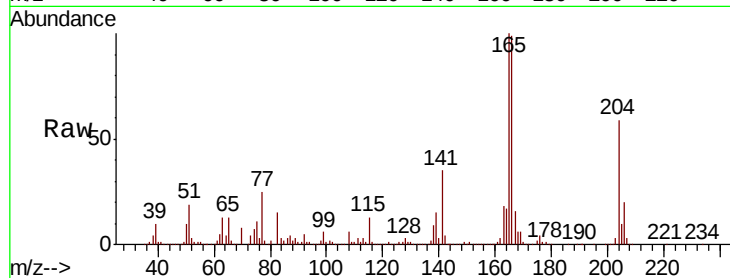
#61
4-Chlorophenyl-phenylether
Concen: 45.691 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampled :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.2	42.2
141	59.6	48.2	72.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

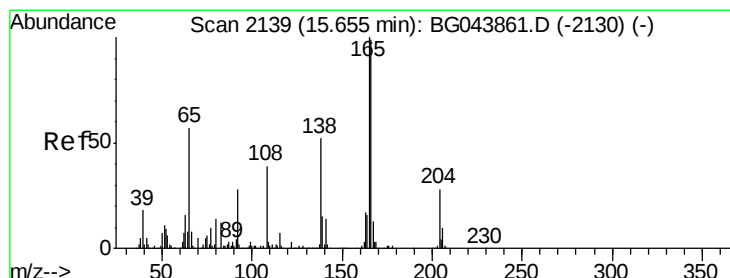
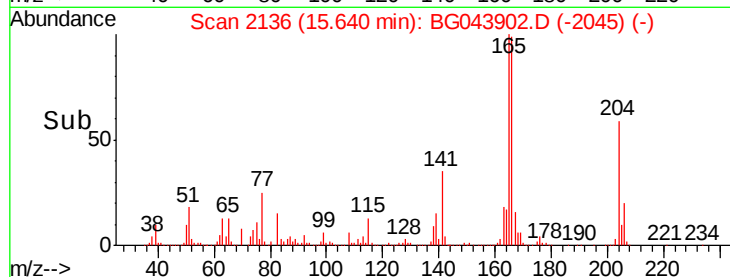
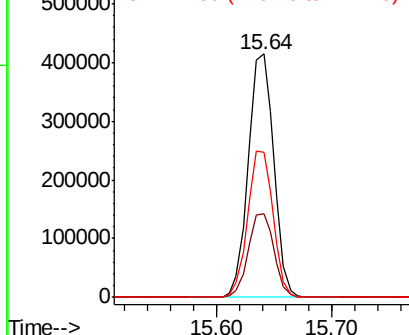


Abundance

Ion 204.00 (203.70 to 204.70): E

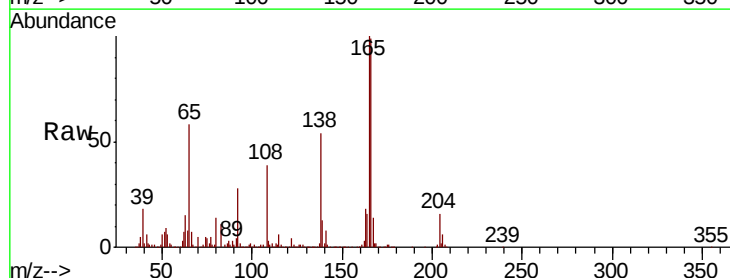
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.599 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	34.3	74.3
108	73.0	55.0	95.0

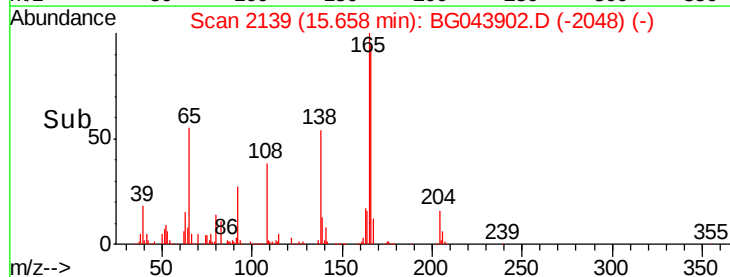
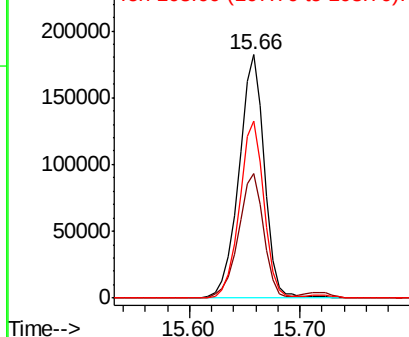


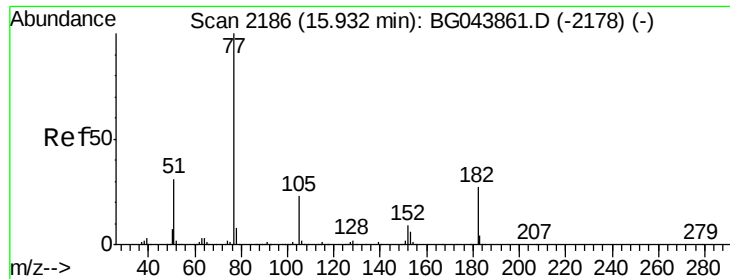
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





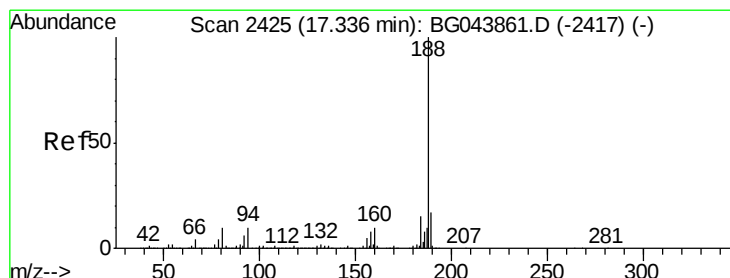
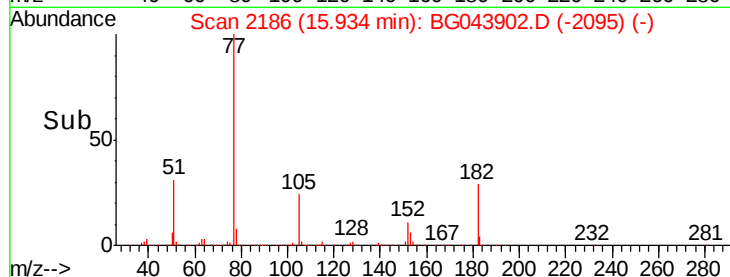
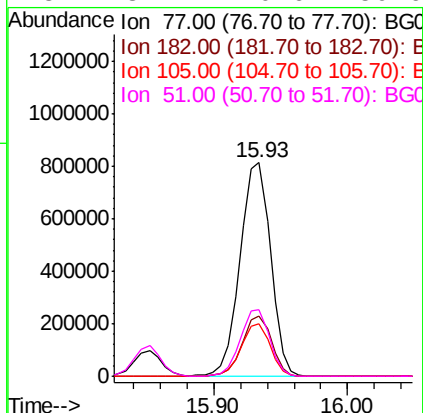
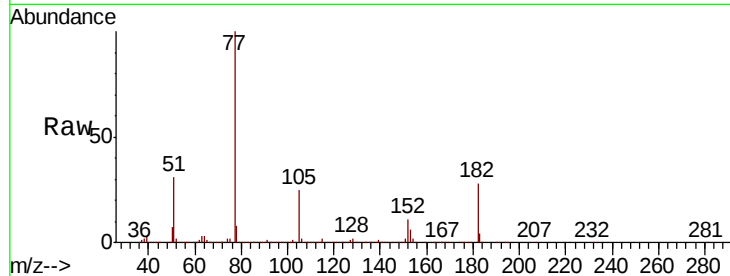
#63
Azobenzene
Concen: 48.417 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.4	7.3	47.3	
105	24.5	3.2	43.2	
51	31.4	10.6	50.6	

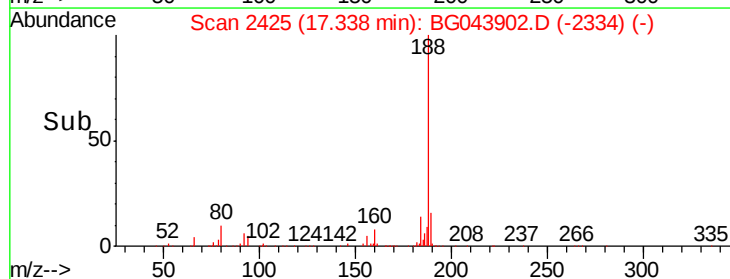
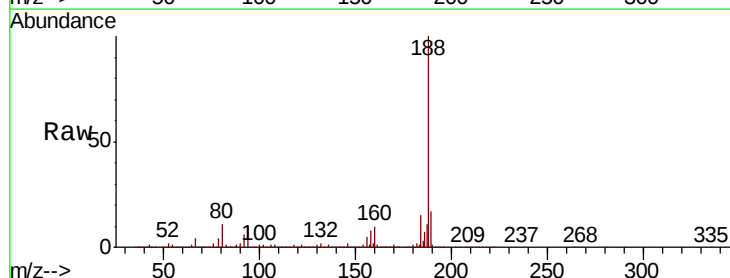
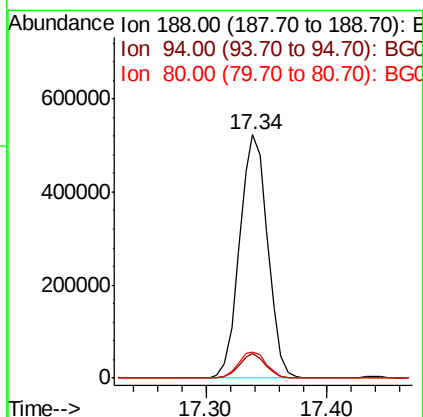
Manual Integrations
APPROVED

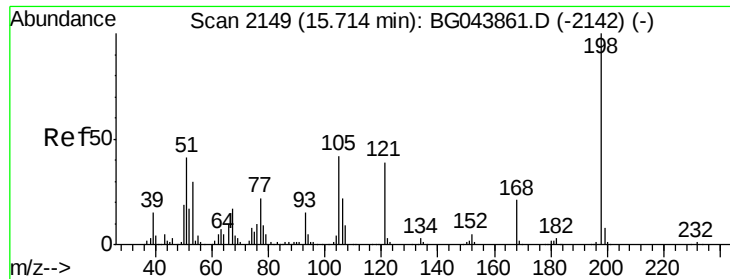
mohammad
1/6/2020 11:41:51 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	7.9	11.9	
80	10.7	8.2	12.4	





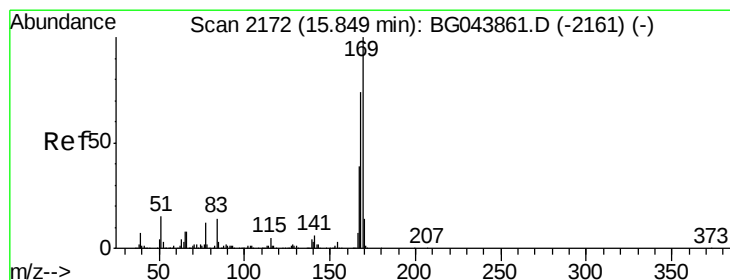
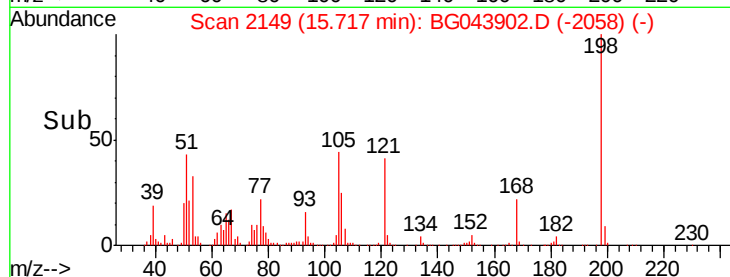
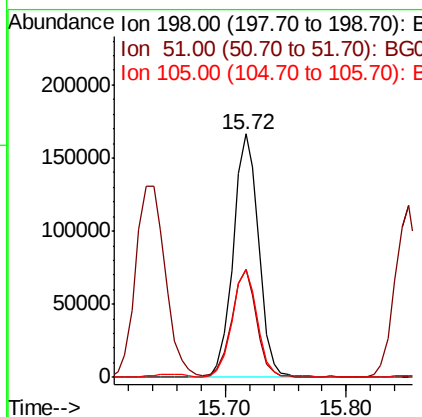
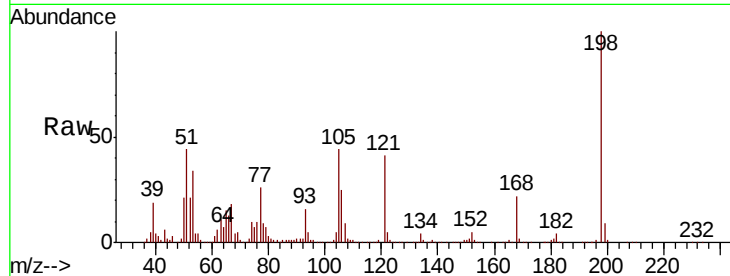
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.166 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.2	22.5	62.5
105	44.3	22.3	62.3

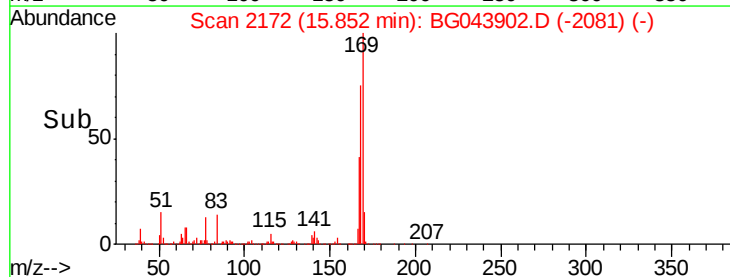
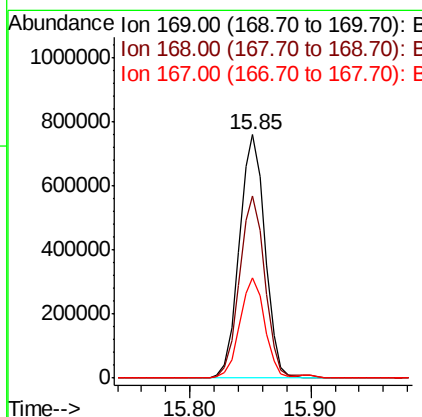
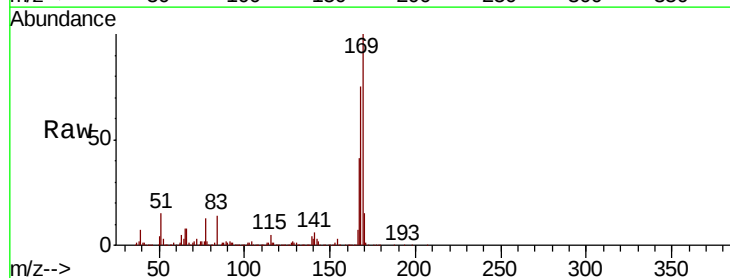
Manual Integrations
 APPROVED

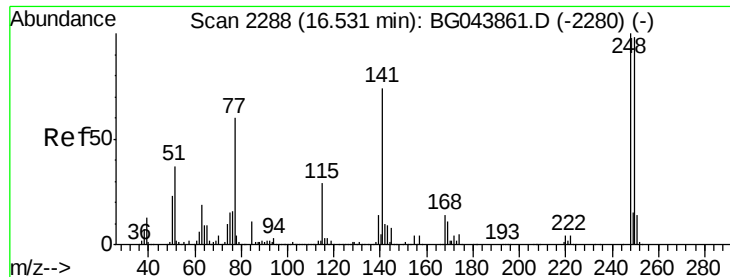
mohammad
 1/6/2020 11:41:51 AM



#66
 n-Nitrosodiphenylamine
 Concen: 45.188 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.8	59.0	88.6
167	41.3	31.4	47.0





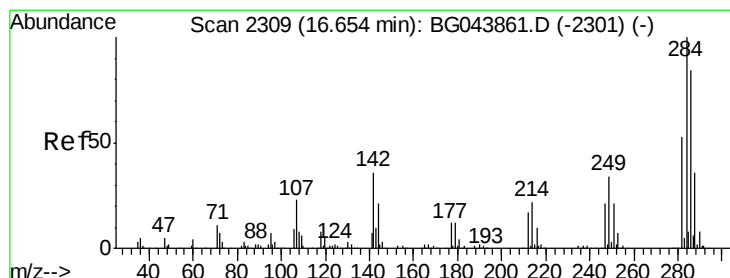
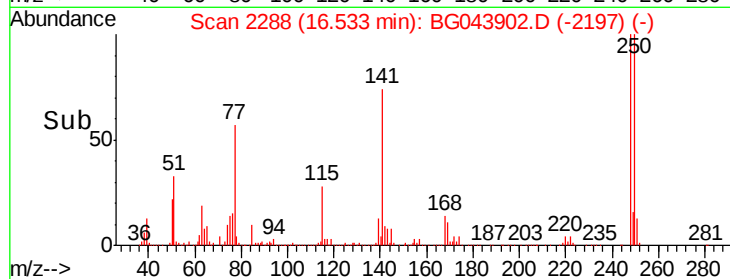
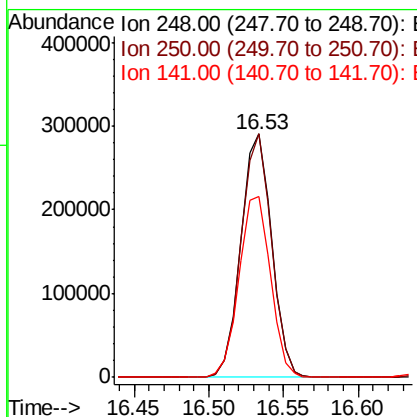
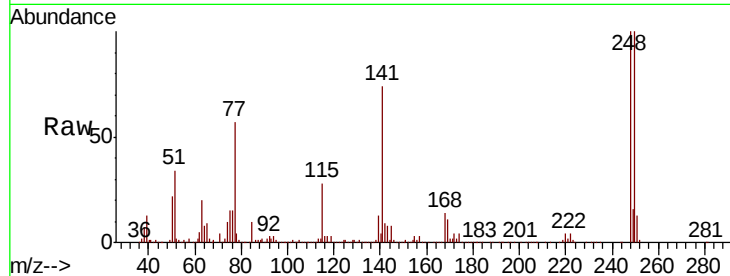
#67
 4-Bromophenyl-phenylether
 Concen: 43.660 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.2	117.2
141	74.3	59.3	88.9

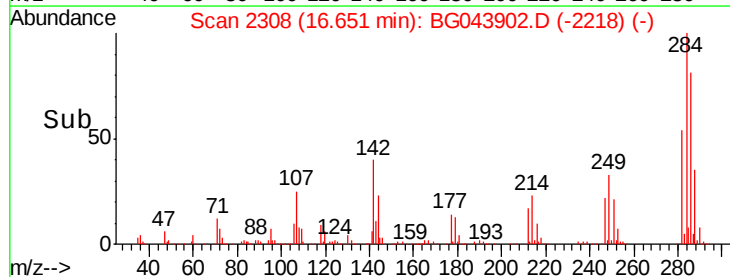
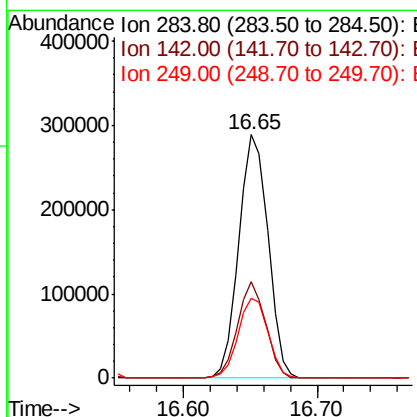
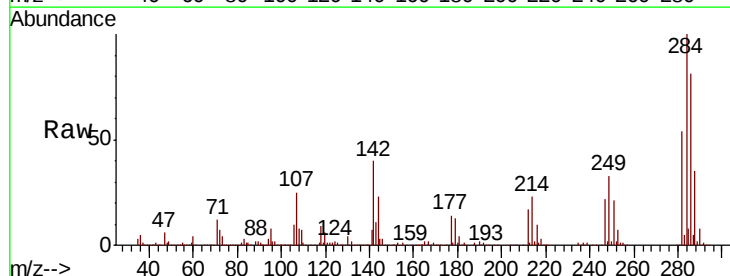
Manual Integrations
 APPROVED

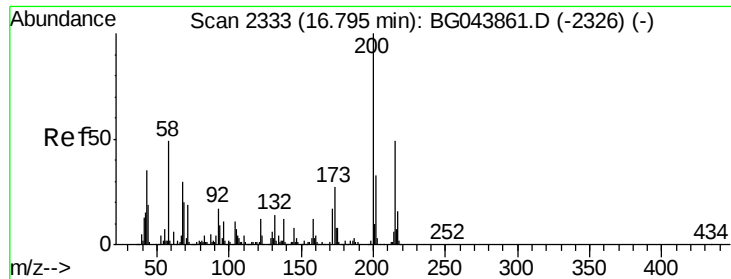
mohammad
 1/6/2020 11:41:51 AM



#68
 Hexachlorobenzene
 Concen: 42.782 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	28.6	43.0
249	32.9	27.0	40.6





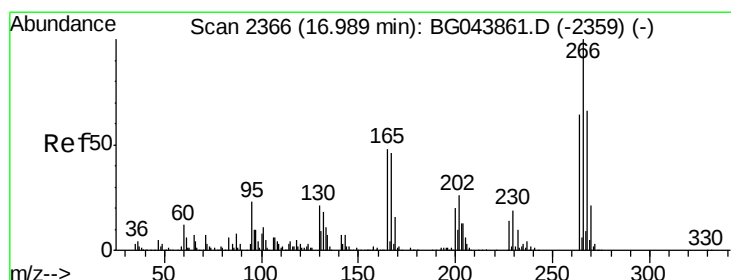
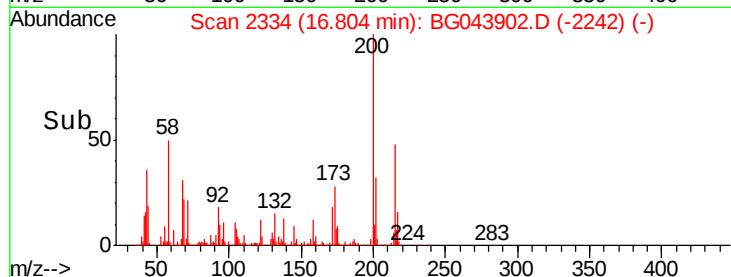
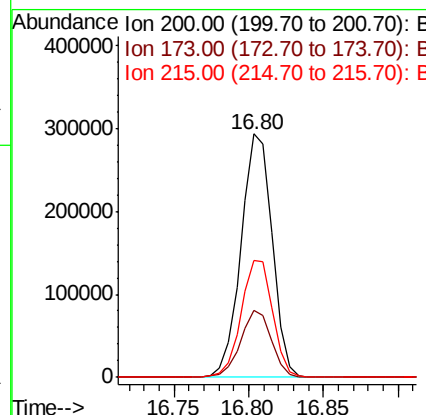
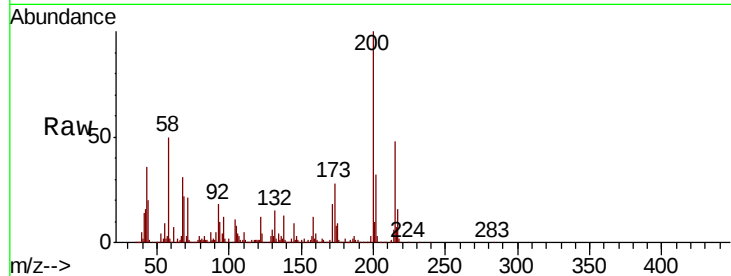
#69
Atrazine
Concen: 52.612 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	6.6	46.6	
215	47.9	28.6	68.6	

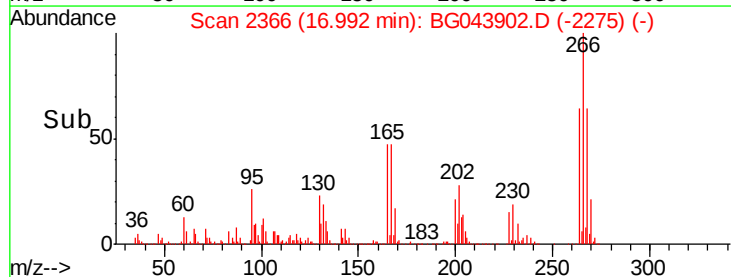
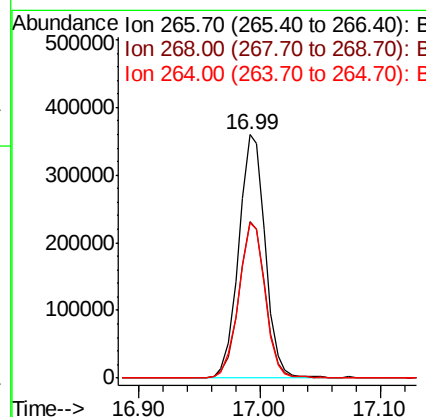
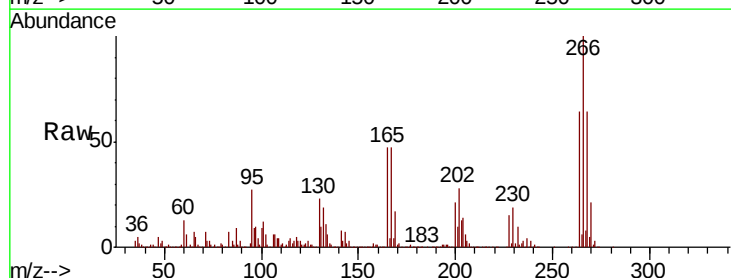
Manual Integrations
APPROVED

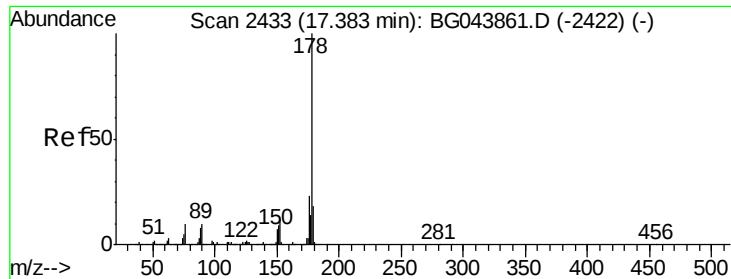
mohammad
1/6/2020 11:41:51 AM



#70
Pentachlorophenol
Concen: 97.484 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.2	52.6	79.0	
264	63.9	50.8	76.2	





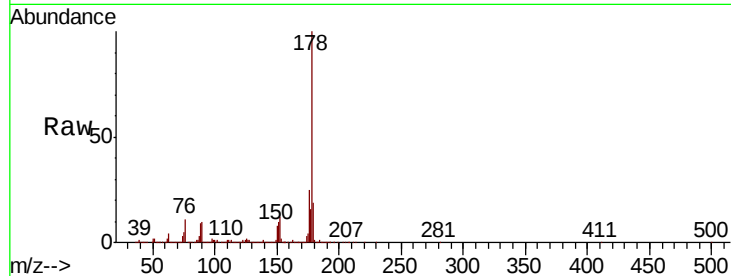
#71
Phenanthrene
Concen: 45.959 ng
RT: 17.39 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

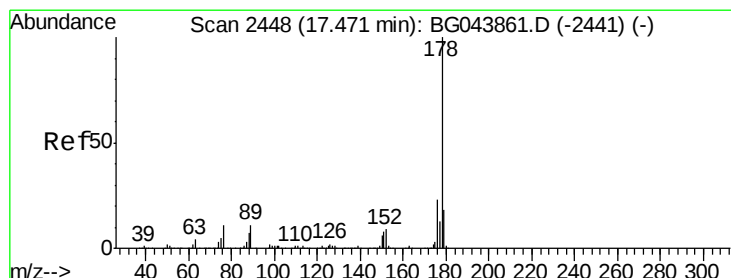
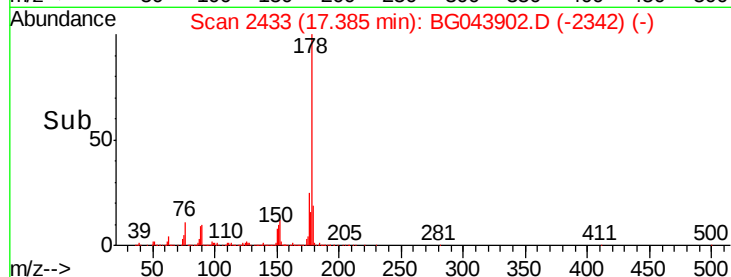
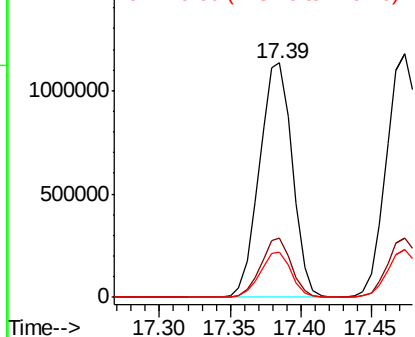
Tot Ion:178 Resp: 1862245
Ion Ratio Lower Upper
178 100
176 25.4 18.6 28.0
179 19.1 14.4 21.6

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



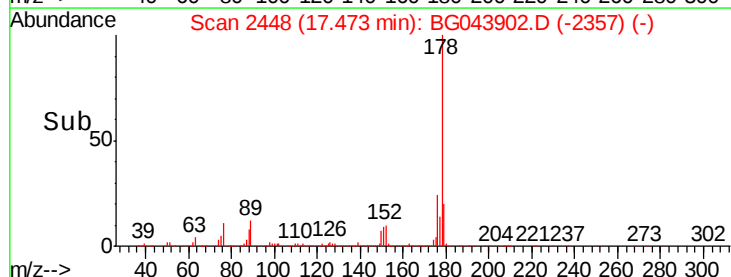
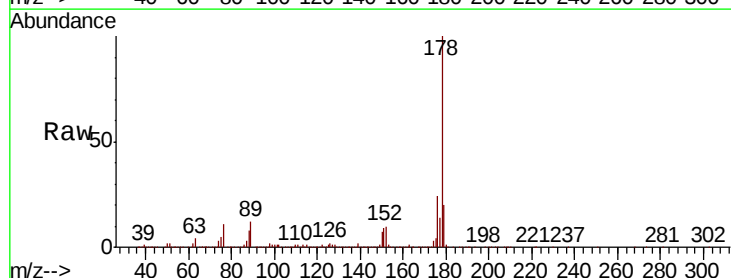
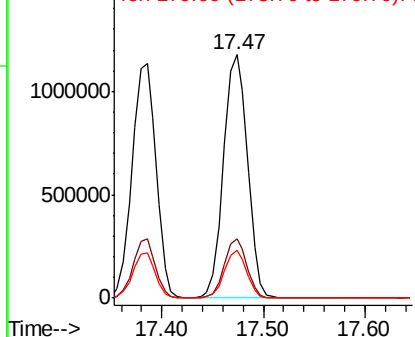
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

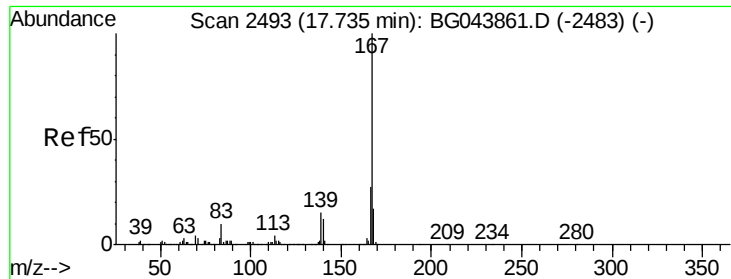


#72
Anthracene
Concen: 48.204 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion:178 Resp: 1930335
Ion Ratio Lower Upper
178 100
176 24.5 18.3 27.5
179 19.6 14.6 22.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





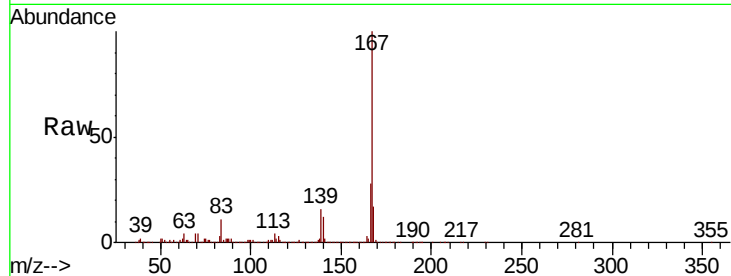
#73
 Carbazole
 Concen: 47.814 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampled :
 OW-5MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.3	21.6	32.4
139	16.0	12.1	18.1

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM

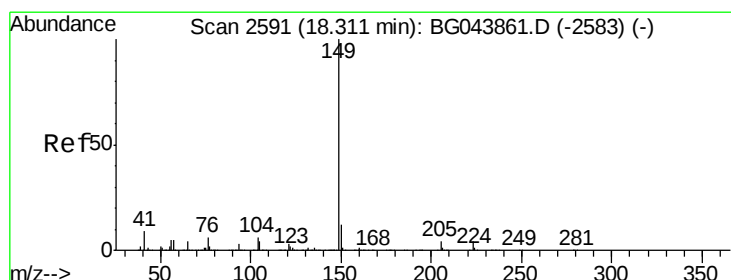
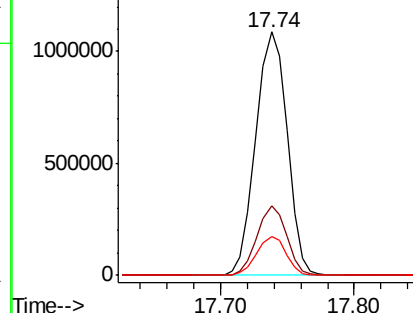
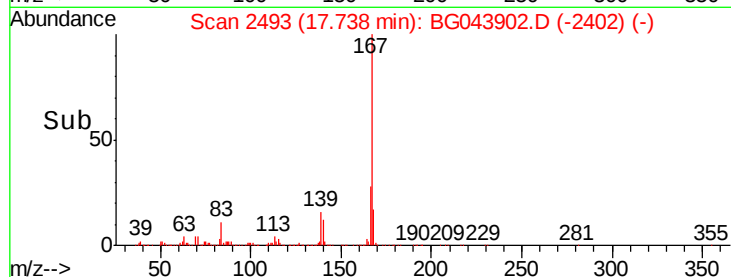


Abundance

Ion 167.00 (166.70 to 167.70): E

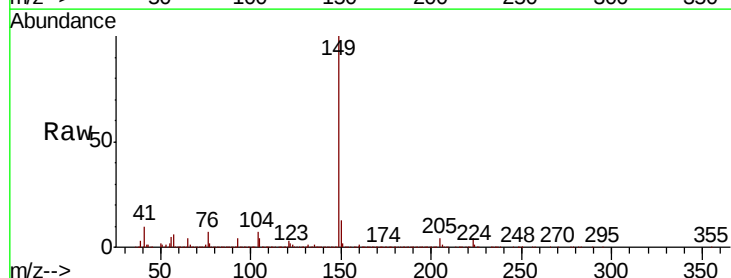
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.015 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.8	9.7	14.5
104	6.8	5.0	7.4

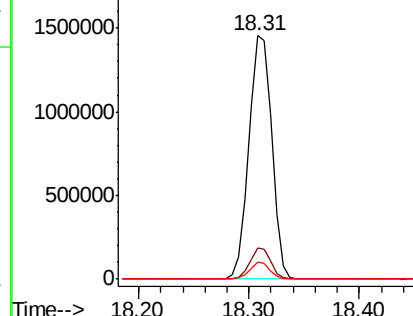
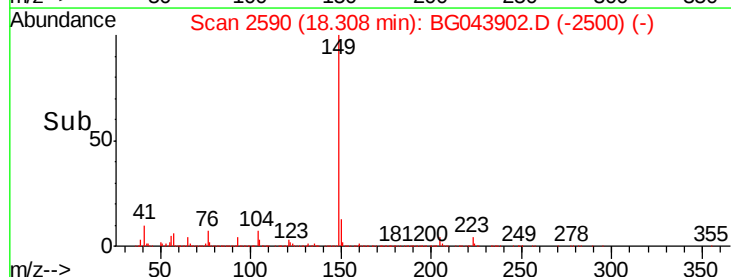


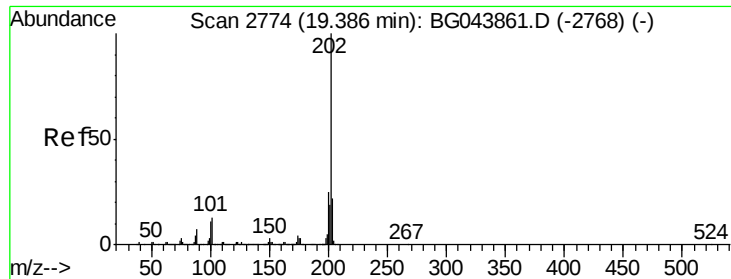
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.661 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

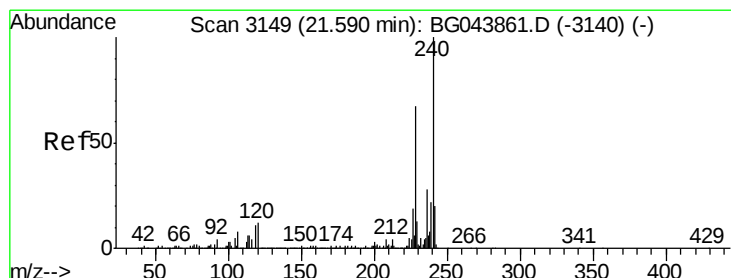
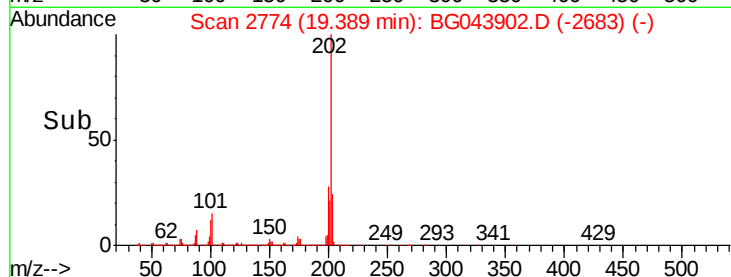
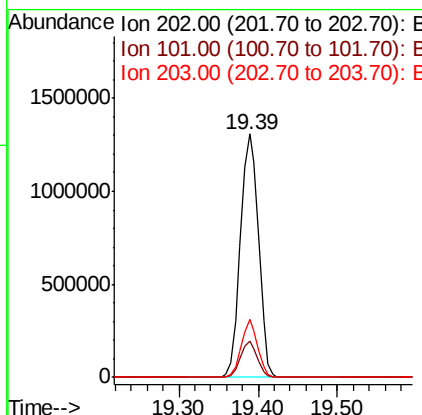
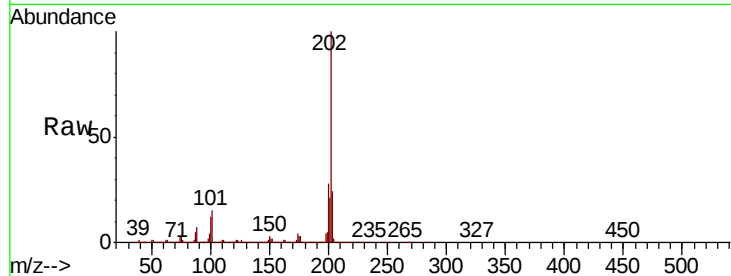
ClientSampleId :

OW-5MSD

Tot Ion:	202	Resp:	2069608
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.3
203	23.6	1.6	41.6

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#76

Chrysene-d12

Concen: 20.000 ng

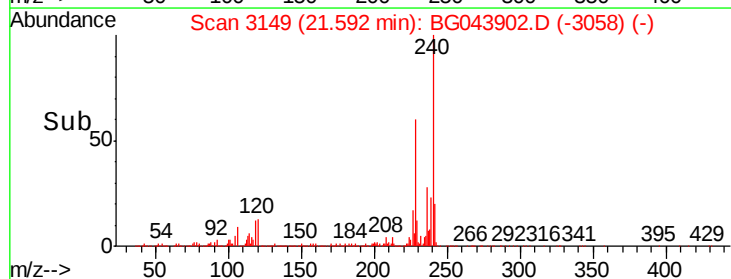
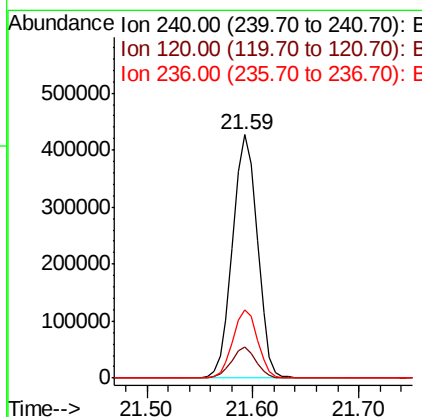
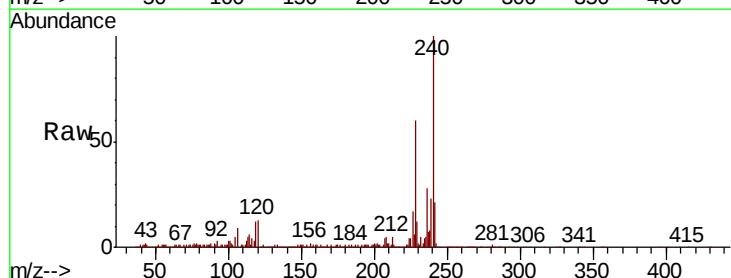
RT: 21.59 min Scan# 3149

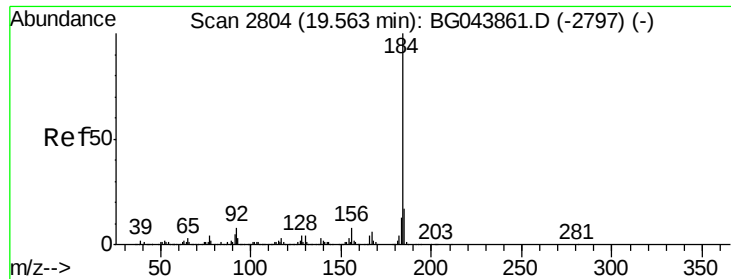
Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	240	Resp:	689617
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.6	14.4
236	28.1	22.2	33.2





#77

Benzidine

Concen: 9.971 ng

RT: 19.57 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

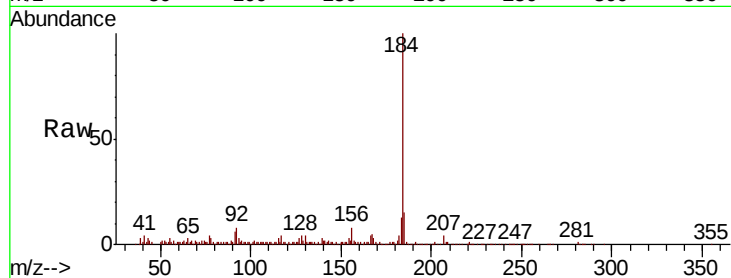
ClientSampleId :

OW-5MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	12.7	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

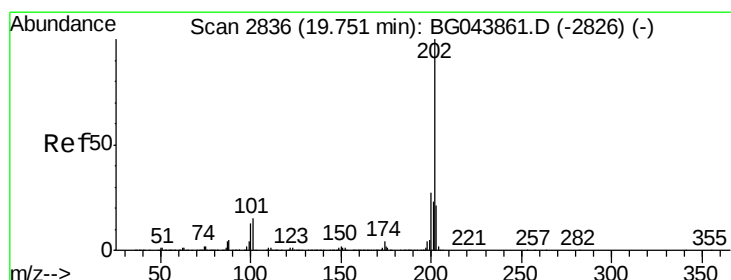
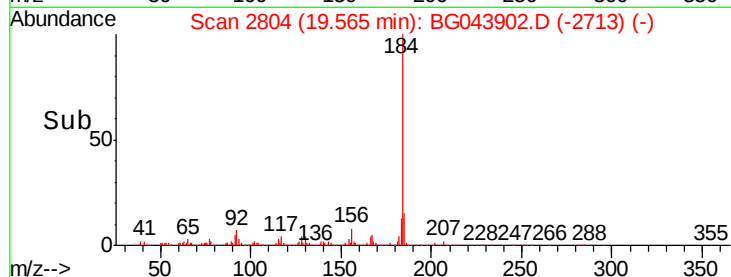
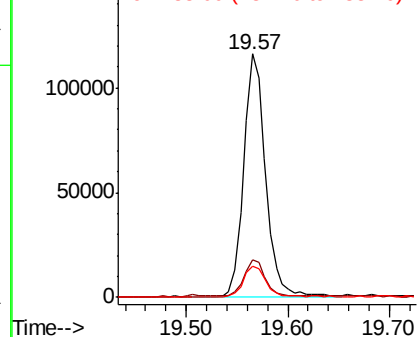


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.199 ng

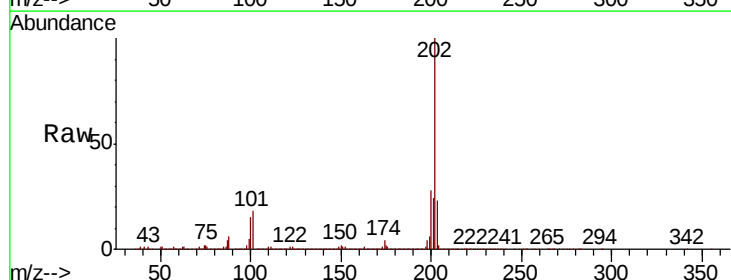
RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.2	21.7	32.5
203	23.3	17.0	25.6

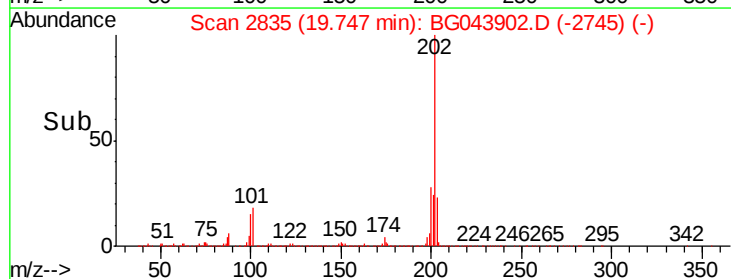
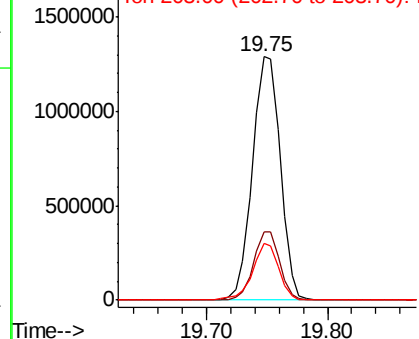


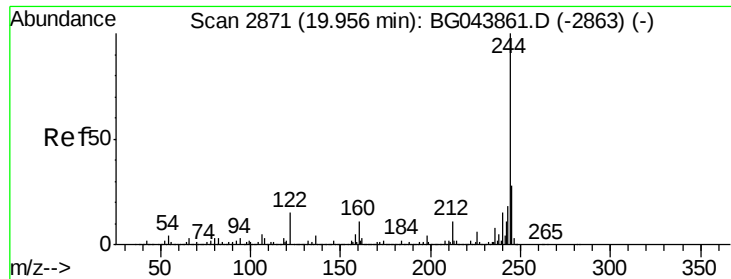
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





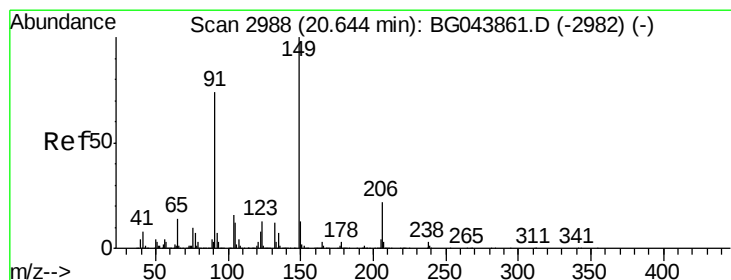
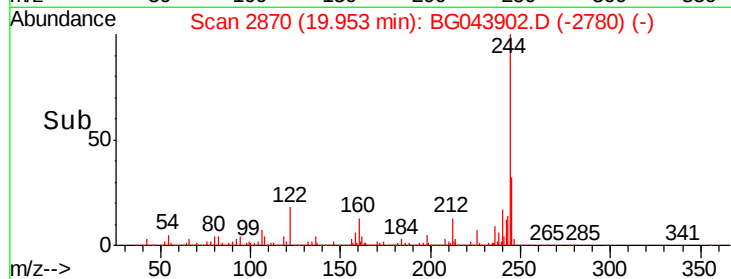
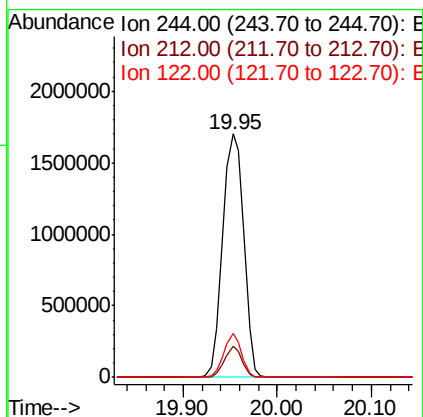
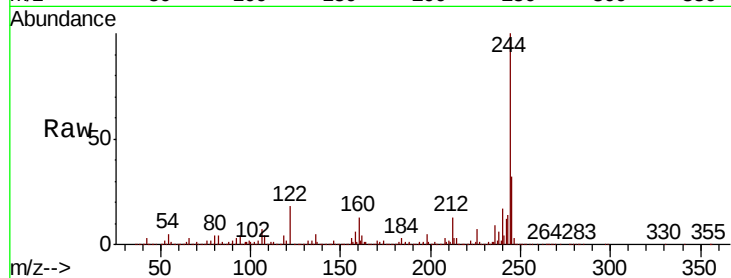
#79
 Terphenyl-d14
 Concen: 96.581 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MSD

Tot Ion:244 Resp: 2667349
 Ion Ratio Lower Upper
 244 100
 212 12.6 8.6 13.0
 122 18.0 11.9 17.9#

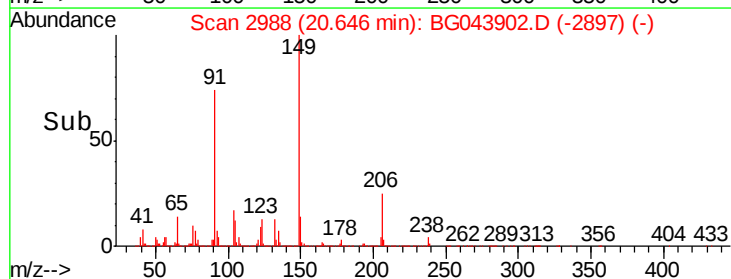
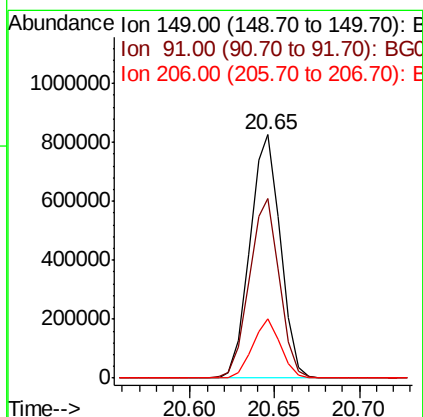
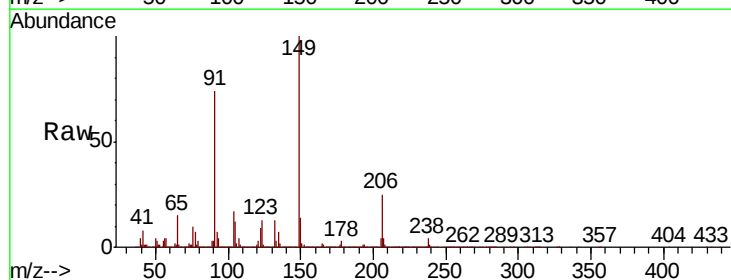
Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:51 AM



#80
 Butylbenzylphthalate
 Concen: 48.174 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043902.D
 Acq: 4 Jan 2020 00:29

Tgt Ion:149 Resp: 1032404
 Ion Ratio Lower Upper
 149 100
 91 73.8 59.5 89.3
 206 24.6 17.8 26.6





#81

Benzo(a)anthracene

Concen: 46.991 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

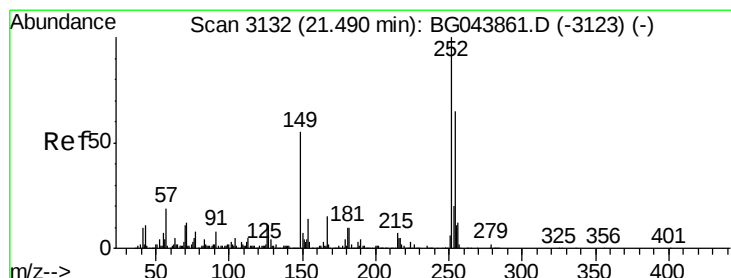
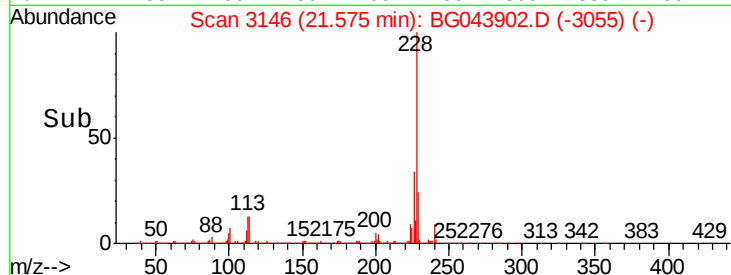
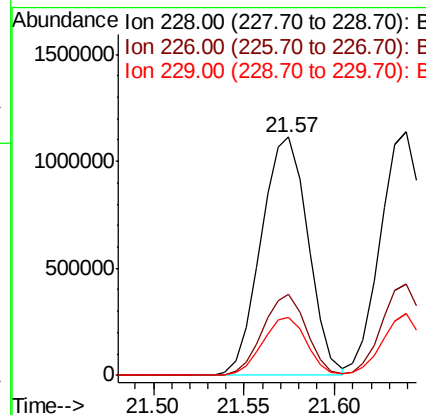
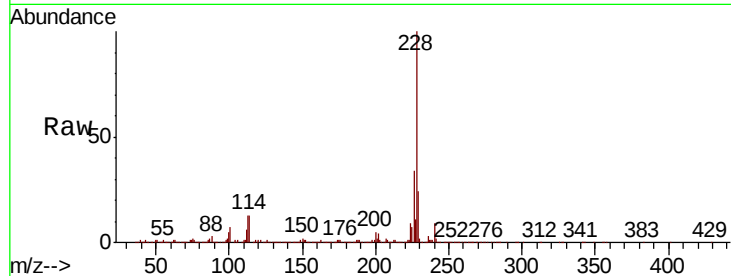
ClientSampleId :

OW-5MSD

Tot Ion:	228	Resp:	2009400
Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.2	39.4
229	24.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#82

3,3'-Dichlorobenzidine

Concen: 19.048 ng

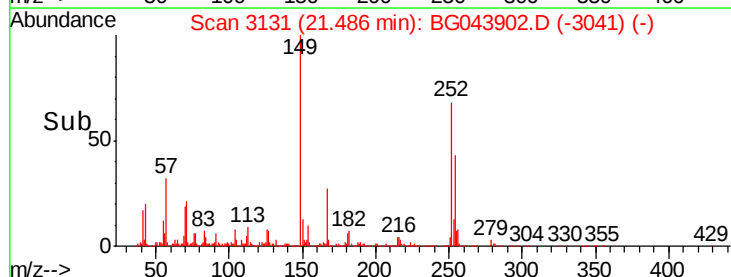
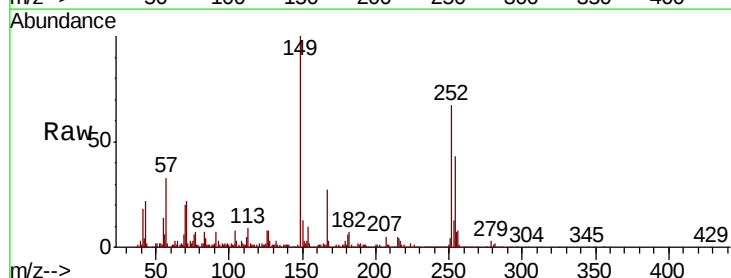
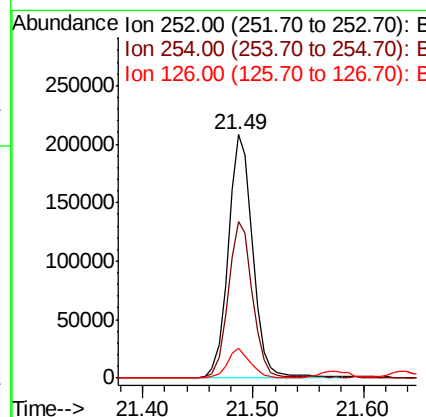
RT: 21.49 min Scan# 3131

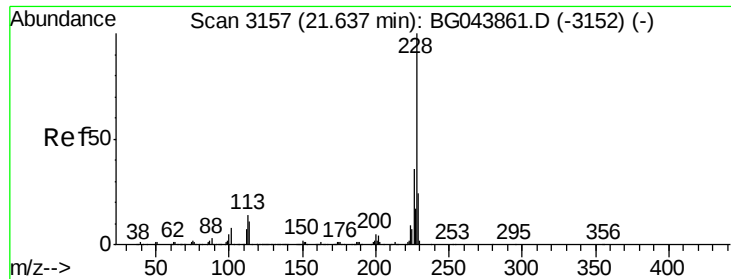
Delta R.T. -0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Tgt Ion:	252	Resp:	321802
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	12.4	9.1	13.7





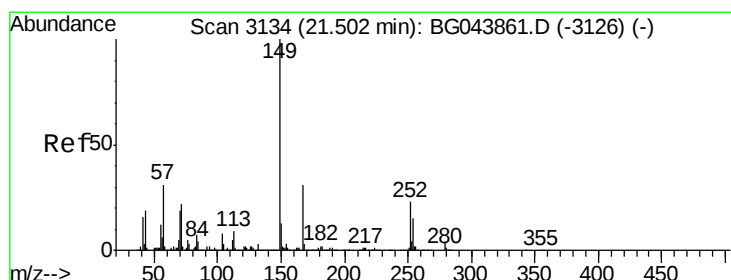
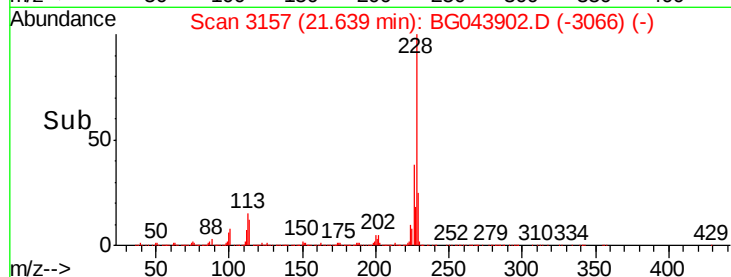
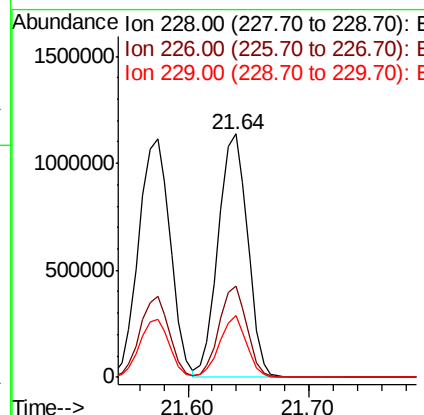
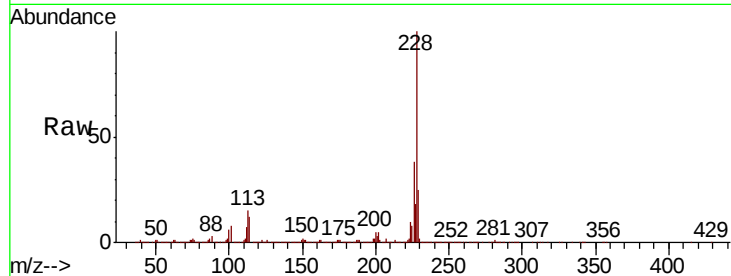
#83
Chrysene
Concen: 47.003 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.8	28.8	43.2
229	25.2	19.0	28.6

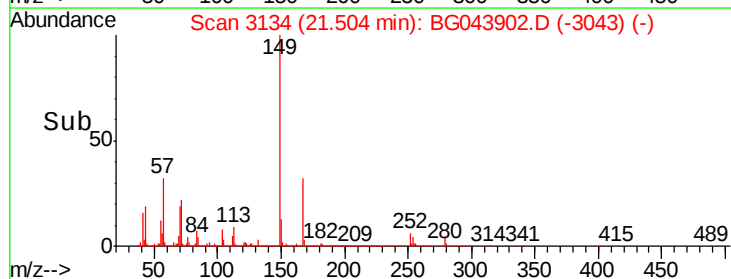
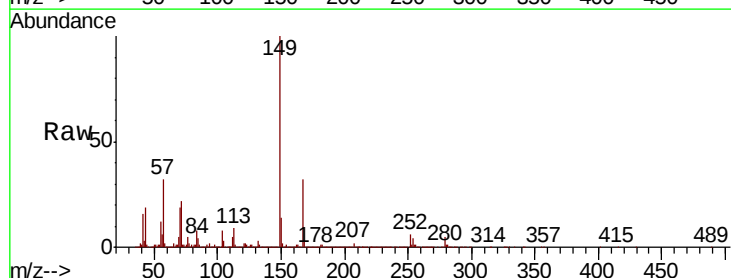
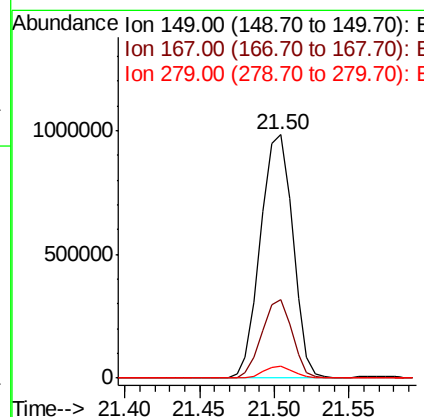
Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.761 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	24.7	37.1
279	4.9	3.3	4.9





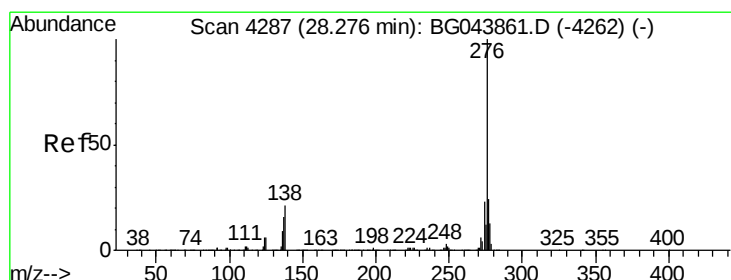
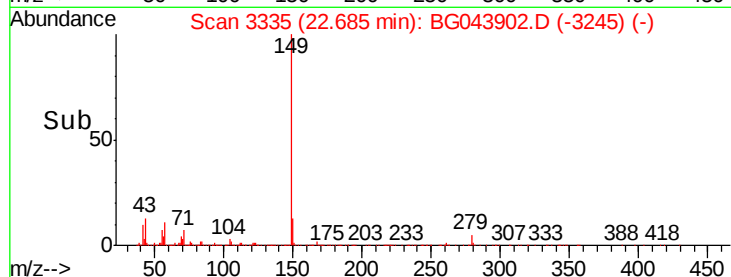
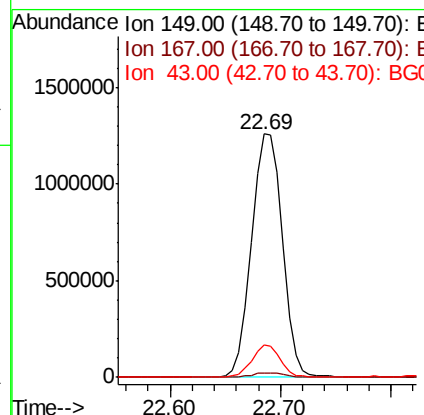
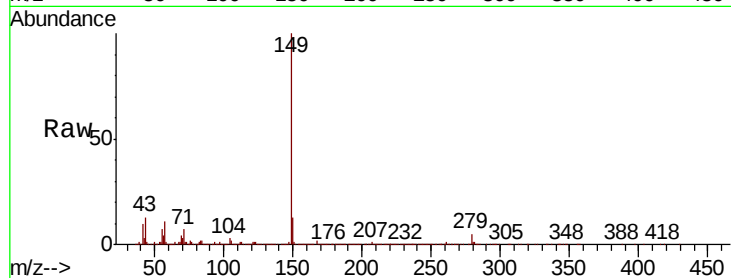
#85
Di-n-octyl phthalate
Concen: 49.625 ng
RT: 22.69 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.8	1.4	2.0	
43	11.8	8.8	13.2	

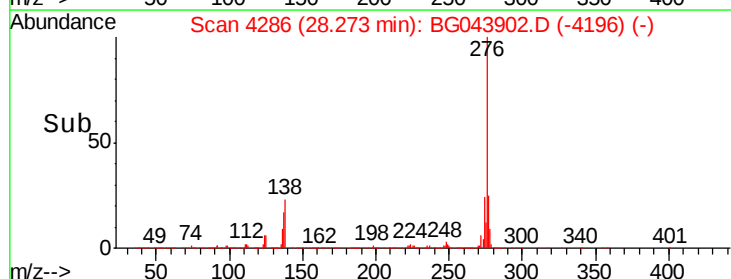
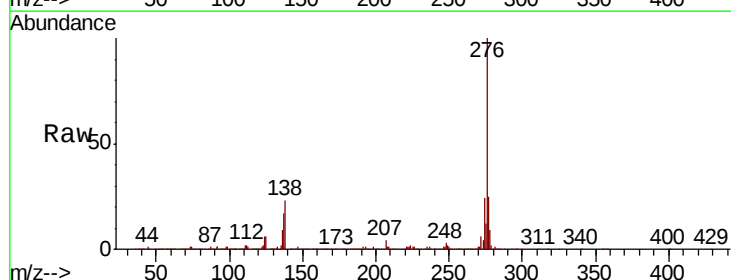
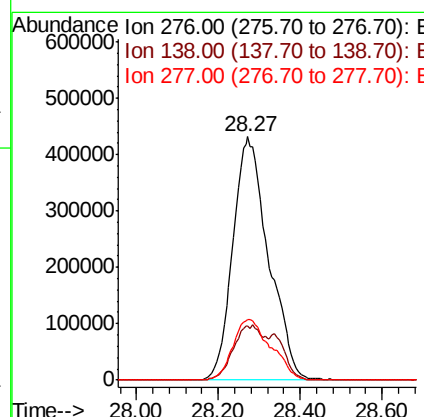
Manual Integrations
APPROVED

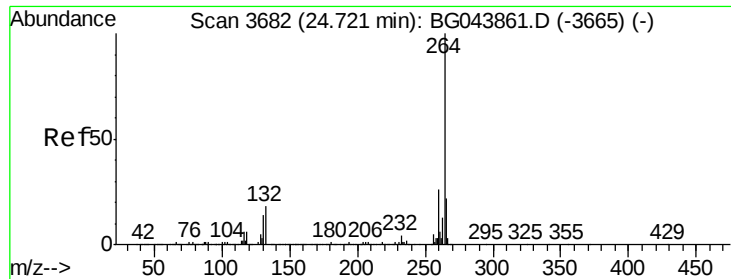
mohammad
1/6/2020 11:41:51 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.115 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	11.5	21.0	31.4#	
277	26.7	21.1	31.7	





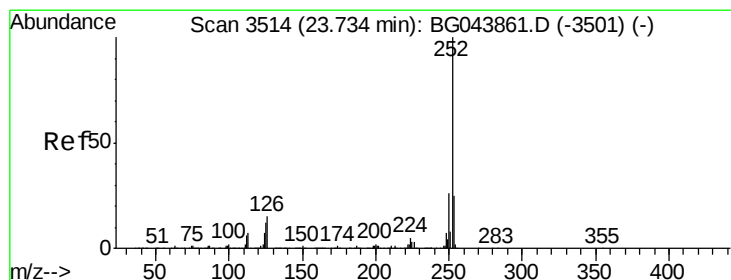
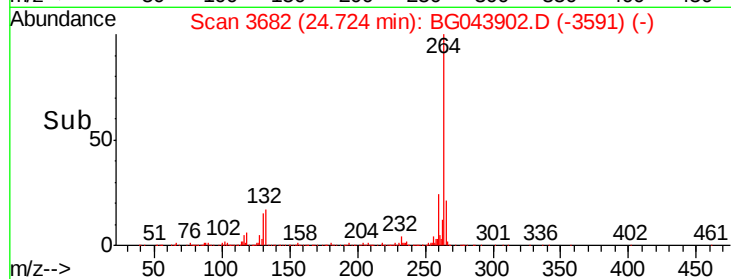
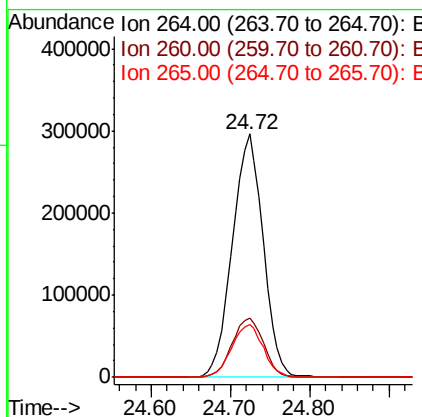
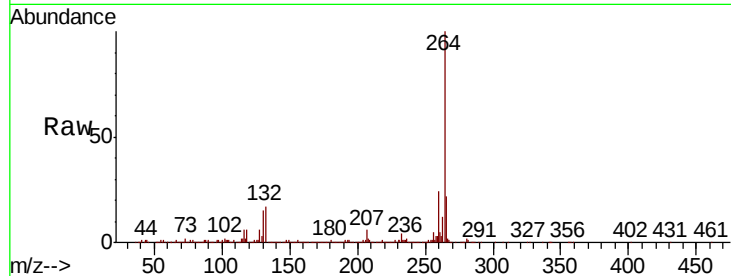
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.6	17.4	26.2

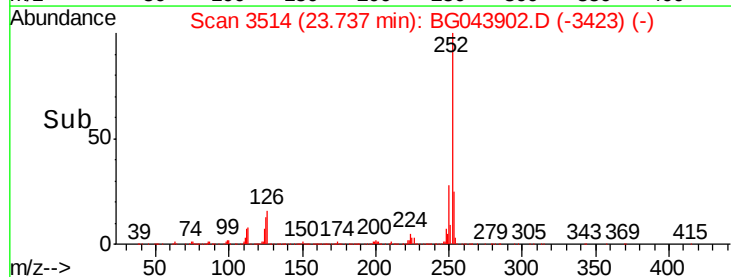
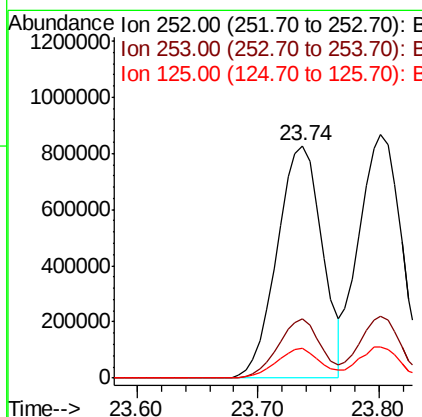
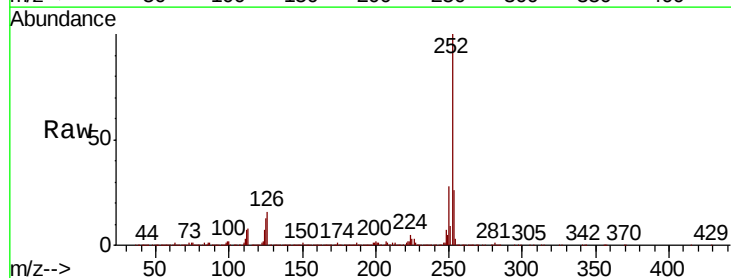
Manual Integrations
APPROVED

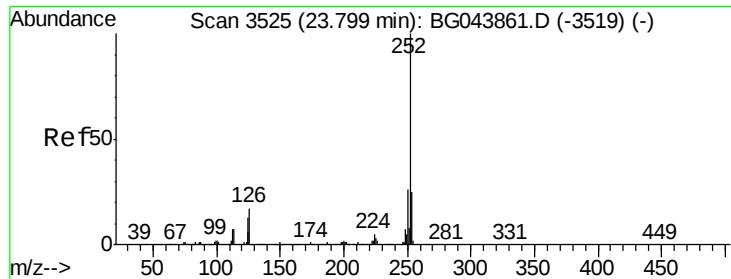
mohammad
1/6/2020 11:41:51 AM



#88
Benzo(b)fluoranthene
Concen: 45.408 ng
RT: 23.74 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.7	29.5
125	12.8	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 46.980 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

Instrument :

BNA_G

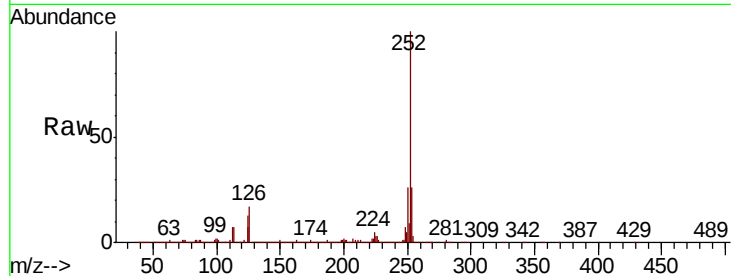
ClientSampled :

OW-5MSD

Tot Ion:	252	Resp:	2102300
Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.2
125	13.0	9.9	14.9

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM

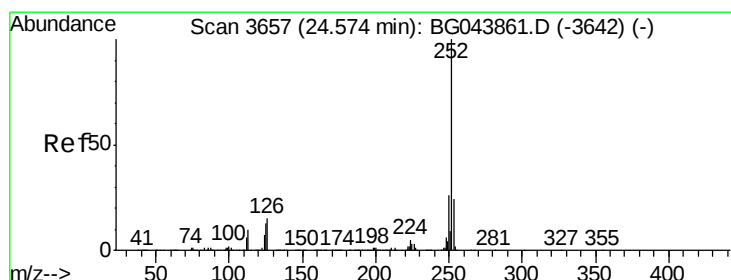
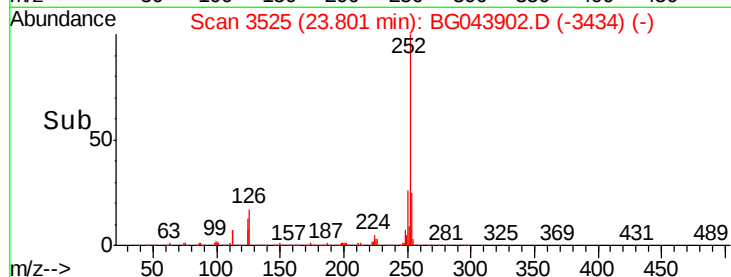
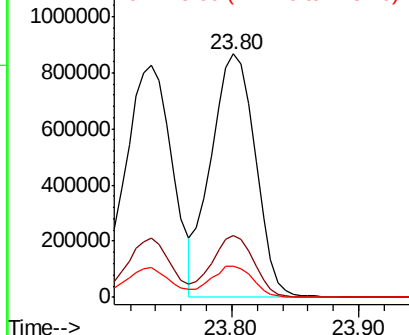


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.161 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG043902.D

Acq: 4 Jan 2020 00:29

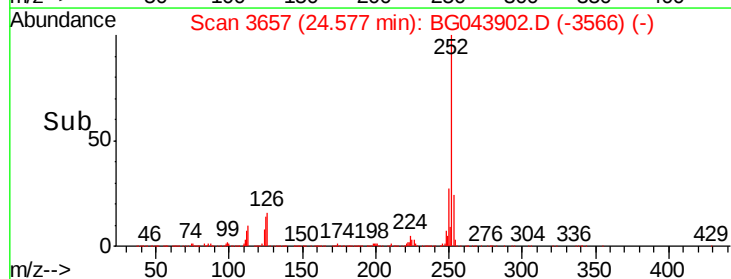
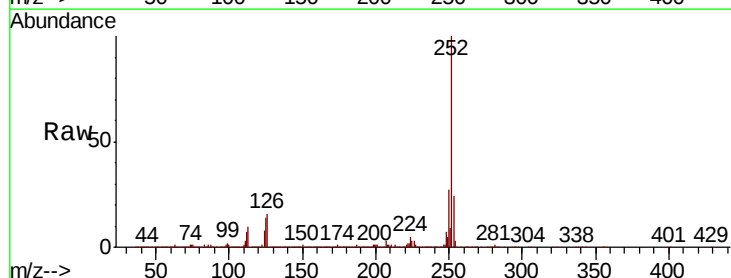
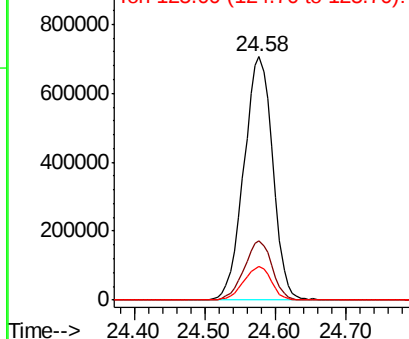
Tgt Ion:	252	Resp:	2005776
Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	13.8	10.4	15.6

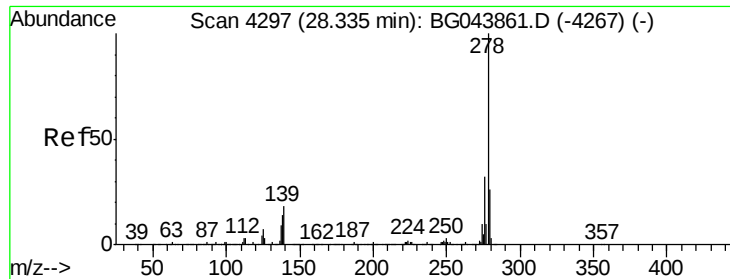
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





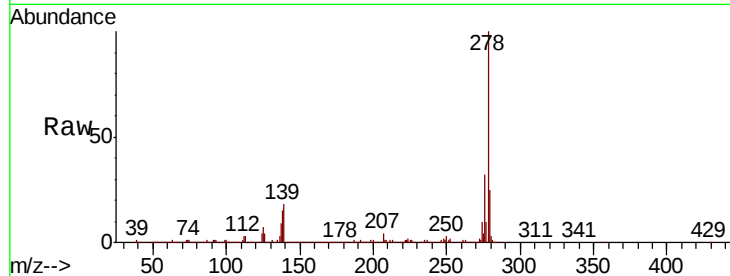
#91
Dibenzo(a,h)anthracene
Concen: 47.713 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

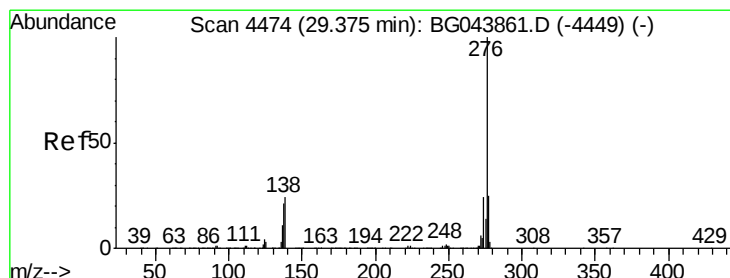
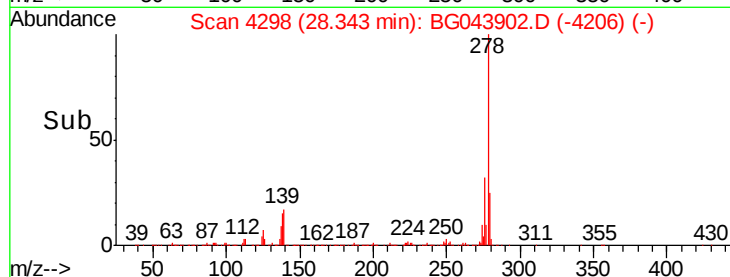
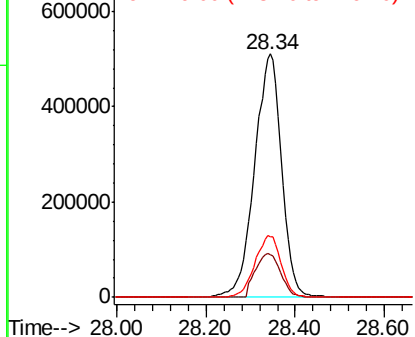
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	25.1	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:51 AM



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



#92
Benzo(g,h,i)perylene
Concen: 48.633 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043902.D
Acq: 4 Jan 2020 00:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.4
138	23.5	19.0	28.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

