

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045191.D
 Acq On : 28 Apr 2020 18:53
 Operator : CG/JU
 Sample : PB128402BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:04:42 AM

Quant Time: Apr 28 19:39:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60108	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237277	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	183353	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	465047	20.00	ng	0.00
76) Chrysene-d12	21.65	240	448445	20.00	ng	0.00
87) Perylene-d12	24.82	264	492831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	324086	89.01	ng	0.00
7) Phenol-d6	7.16	99	461888	85.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	415164	79.84	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	252041	88.98	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1004989	80.37	ng	0.00
79) Terphenyl-d14	20.00	244	1933368	93.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	57375	35.460	ng	97
3) Pyridine	3.84	79	158871	31.890	ng	96
4) n-Nitrosodimethylamine	3.75	42	63799	41.804	ng	# 94
6) Aniline	7.31	93	183718	26.122	ng	99
8) 2-Chlorophenol	7.56	128	181074	46.276	ng	99
9) Benzaldehyde	7.12	77	66397	17.130	ng	98
10) Phenol	7.19	94	243129	44.915	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	168069	38.997	ng	98
12) 1,3-Dichlorobenzene	7.88	146	187053	40.568	ng	99
13) 1,4-Dichlorobenzene	8.03	146	187724	40.859	ng	98
14) 1,2-Dichlorobenzene	8.35	146	178350	40.576	ng	99
15) Benzyl Alcohol	8.23	79	174637	38.506	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151085	35.713	ng	97
17) 2-Methylphenol	8.44	107	161513	38.673	ng	95
18) Hexachloroethane	9.08	117	73492	42.550	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	145346	37.994	ng	97
20) 3+4-Methylphenols	8.77	107	231988	39.685	ng	98
22) Acetophenone	8.81	105	266972	41.607	ng	# 98
24) Nitrobenzene	9.19	77	219268	41.136	ng	94
25) Isophorone	9.72	82	417258	39.182	ng	99
26) 2-Nitrophenol	9.90	139	101712	44.299	ng	98
27) 2,4-Dimethylphenol	9.97	122	165823	45.516	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	236700	42.304	ng	98
29) 2,4-Dichlorophenol	10.45	162	192702	45.808	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	202721	42.563	ng	100
31) Naphthalene	10.85	128	546734	42.121	ng	98
32) Benzoic acid	10.12	122	114322	40.060	ng	98
33) 4-Chloroaniline	10.96	127	76482	12.634	ng	98
34) Hexachlorobutadiene	11.14	225	138424	42.390	ng	98
35) Caprolactam	11.72	113	71562m	42.743	ng	
36) 4-Chloro-3-methylphenol	12.08	107	224015	45.331	ng	99
37) 2-Methylnaphthalene	12.45	142	425867	42.270	ng	99
38) 1-Methylnaphthalene	12.68	142	407619	42.856	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	238273	40.361	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045191.D
 Acq On : 28 Apr 2020 18:53
 Operator : CG/JU
 Sample : PB128402BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

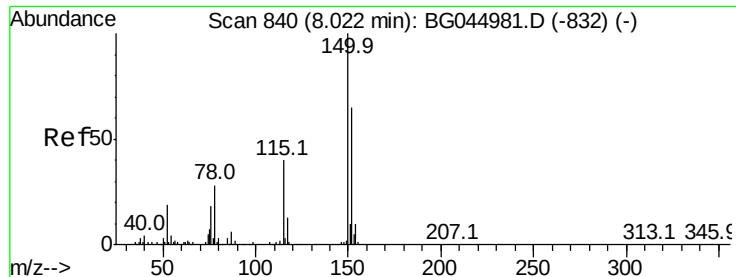
Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:04:42 AM

Quant Time: Apr 28 19:39:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	334748	90.723	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	178479	42.837	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	198227	41.798	nq	97
46) 1,1'-Biphenyl	13.46	154	553802	39.739	nq	98
47) 2-Chloronaphthalene	13.51	162	434671	40.820	nq	99
48) 2-Nitroaniline	13.71	65	143052	40.830	nq	92
49) Acenaphthylene	14.35	152	736314	42.451	nq	100
50) Dimethylphthalate	14.09	163	631665	42.310	nq	99
51) 2,6-Dinitrotoluene	14.20	165	143435	42.954	nq	95
52) Acenaphthene	14.70	154	563642m	48.028	nq	
53) 3-Nitroaniline	14.53	138	78824	21.522	nq	# 91
54) 2,4-Dinitrophenol	14.73	184	187783	94.570	nq	92
55) Dibenzofuran	15.03	168	729075	42.612	nq	99
56) 4-Nitrophenol	14.85	139	243946	85.906	nq	95
57) 2,4-Dinitrotoluene	14.99	165	210166	43.067	nq	# 93
58) Fluorene	15.68	166	608698	43.555	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	197227	46.738	nq	98
60) Diethylphthalate	15.45	149	668186	42.928	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	335797	41.745	nq	99
62) 4-Nitroaniline	15.69	138	145149	38.211	nq	99
63) Azobenzene	15.97	77	619590	43.175	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	137359	44.936	nq	96
66) n-Nitrosodiphenylamine	15.89	169	553647	41.435	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	237069	39.515	nq	97
68) Hexachlorobenzene	16.70	284	260243	41.825	nq	97
69) Atrazine	16.84	200	237350	49.142	nq	99
70) Pentachlorophenol	17.04	266	339337	88.900	nq	96
71) Phenanthrene	17.42	178	1026539	42.956	nq	99
72) Anthracene	17.51	178	1062206	44.311	nq	99
73) Carbazole	17.78	167	991411	40.754	nq	97
74) Di-n-butylphthalate	18.35	149	1196968	45.233	nq	100
75) Fluoranthene	19.43	202	1324817	47.509	nq	99
77) Benzidine	19.61	184	516848	38.998	nq	98
78) Pyrene	19.79	202	1304863	42.207	nq	99
80) Butylbenzylphthalate	20.68	149	528797	41.264	nq	98
81) Benzo(a)anthracene	21.62	228	1223396	42.091	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	334650	28.927	nq	99
83) Chrysene	21.69	228	1203089	43.080	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	744795	42.258	nq	100
85) Di-n-octyl phthalate	22.75	149	1274786	41.826	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1584583	42.737	nq	# 94
88) Benzo(b)fluoranthene	23.82	252	1347286	43.643	nq	98
89) Benzo(k)fluoranthene	23.89	252	1287915	43.869	nq	99
90) Benzo(a)pyrene	24.67	252	1240498	42.560	nq	97
91) Dibenzo(a,h)anthracene	28.50	278	1289715	43.913	nq	98
92) Benzo(g,h,i)perylene	29.55	276	1291509	43.862	nq	96

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



#1

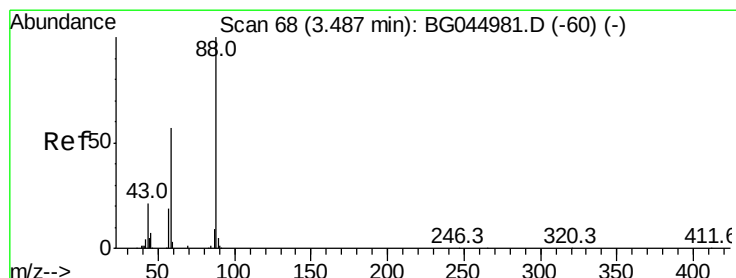
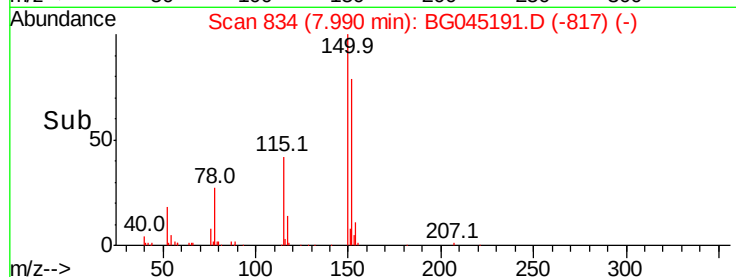
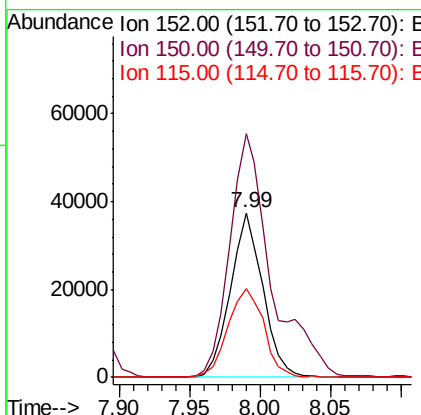
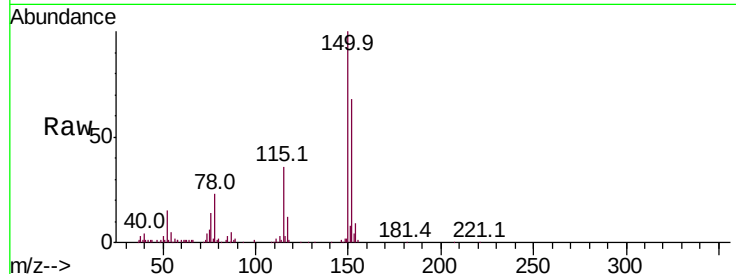
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	123.6	185.4
115	53.7	49.1	73.7

Manual Integrations
APPROVED

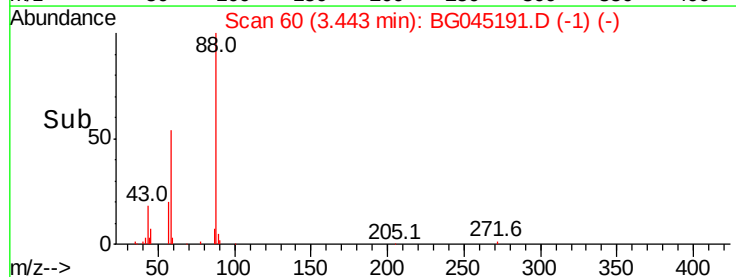
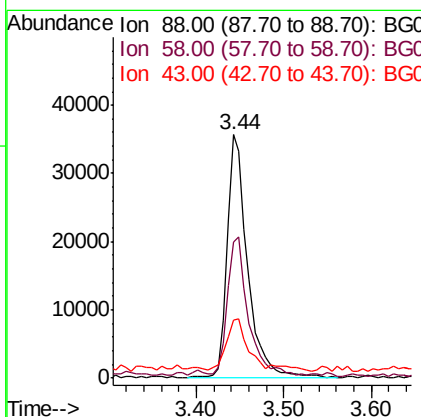
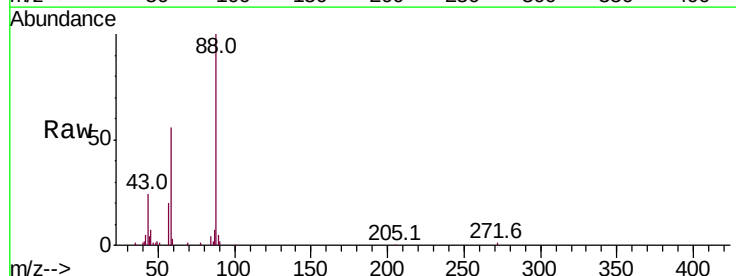
mohammad
4/30/2020 12:04:42 AM

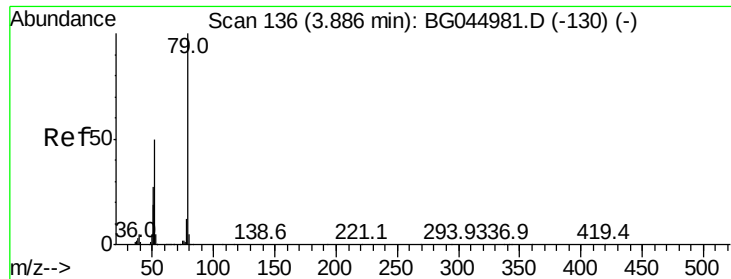


#2

1,4-Dioxane
Concen: 35.460 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	46.6	69.8
43	22.4	17.5	26.3





#3

Pvridine

Concen: 31.890 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

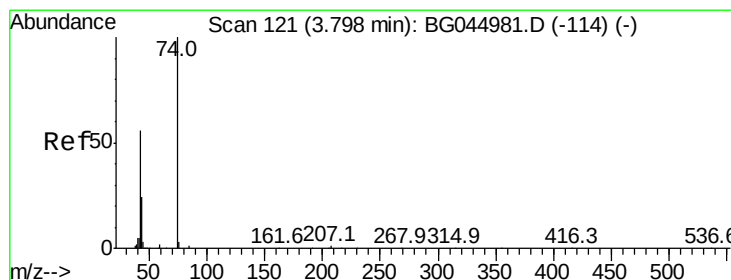
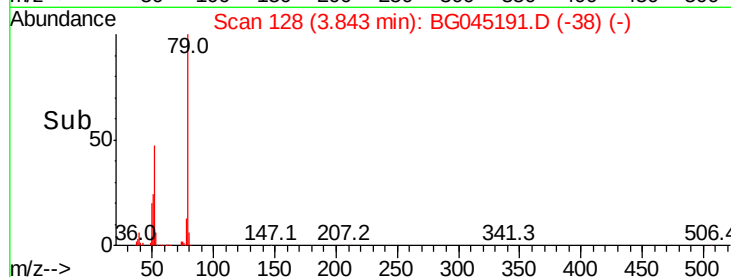
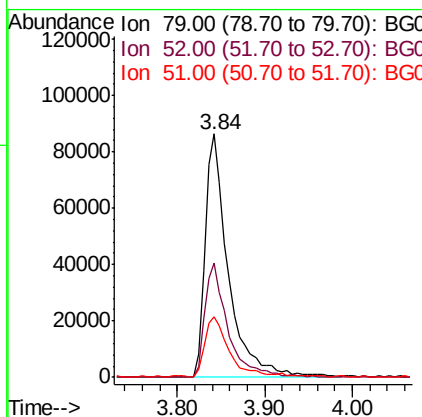
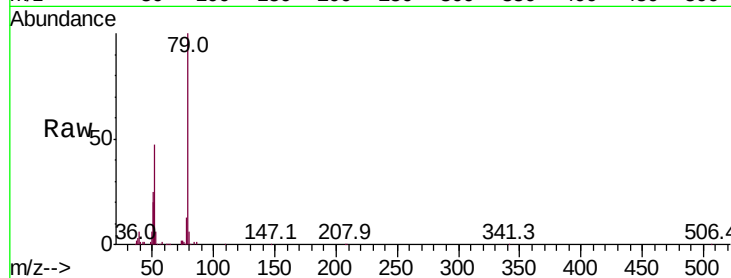
ClientSampleId :

PB128402BSD

Tot Ion:	79	Resp:	158871
Ion Ratio	Lower	Upper	
79	100		
52	47.0	39.8	59.6
51	24.8	21.4	32.2

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#4

n-Nitrosodimethylamine

Concen: 41.804 ng

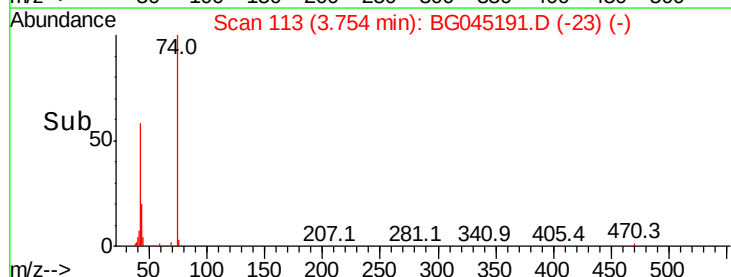
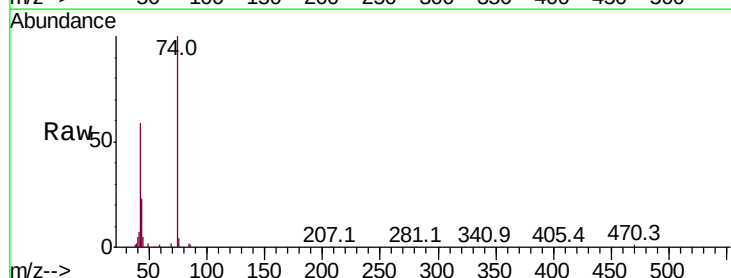
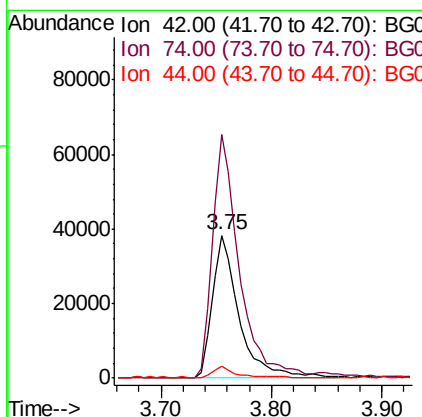
RT: 3.75 min Scan# 113

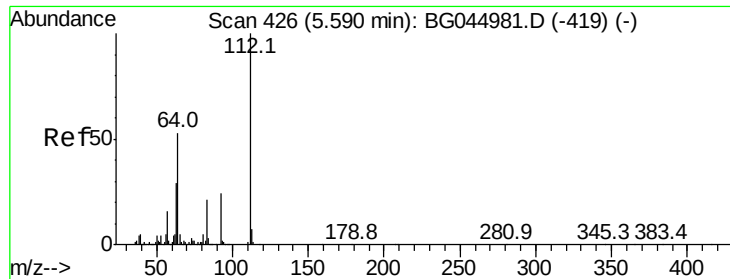
Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	42	Resp:	63799
Ion Ratio	Lower	Upper	
42	100		
74	170.6	143.0	214.6
44	8.3	4.6	6.8#





#5

2-Fluorophenol

Concen: 89.015 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

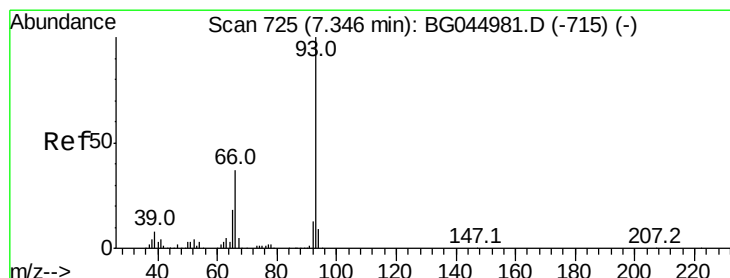
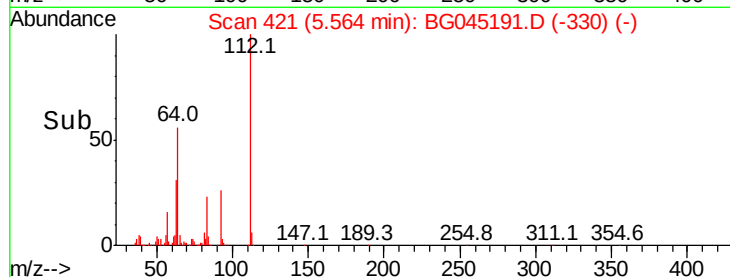
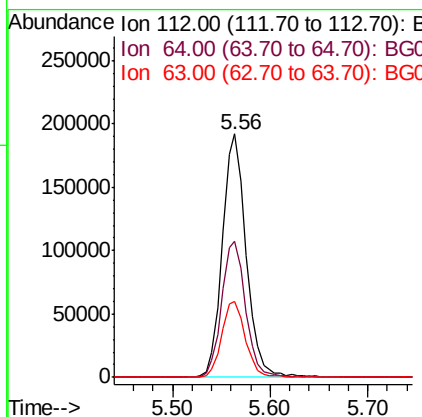
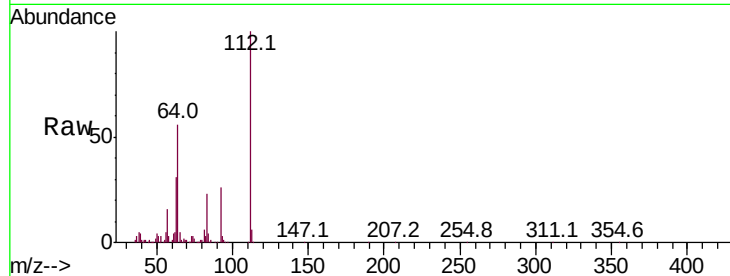
ClientSampleId :

PB128402BSD

Tot Ion:	112	Resp:	324086
Ion Ratio	Lower	Upper	
112	100		
64	56.1	42.4	63.6
63	31.0	23.1	34.7

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#6

Aniline

Concen: 26.122 ng

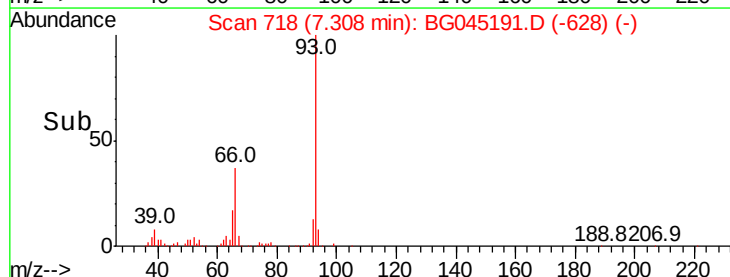
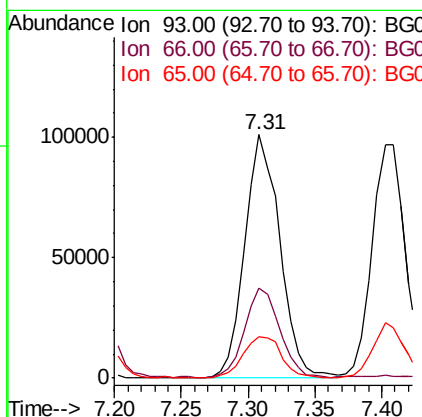
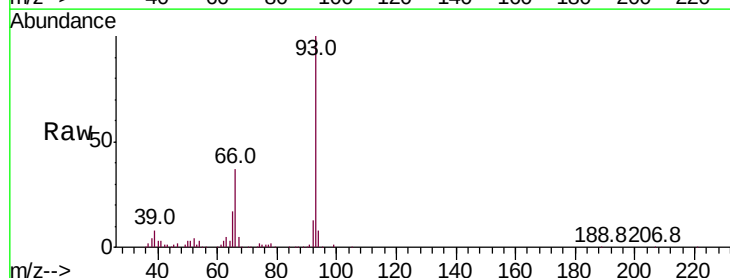
RT: 7.31 min Scan# 718

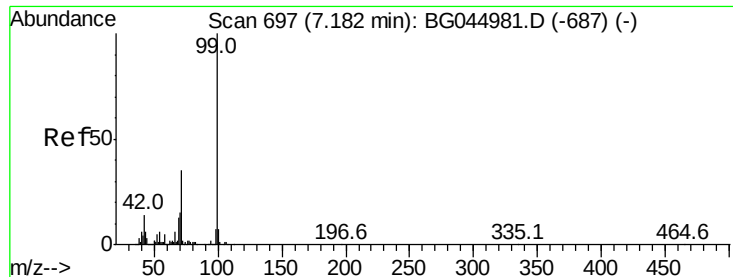
Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	93	Resp:	183718
Ion Ratio	Lower	Upper	
93	100		
66	36.7	29.8	44.8
65	17.2	14.6	22.0





#7

Phenol-d6

Concen: 85.387 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

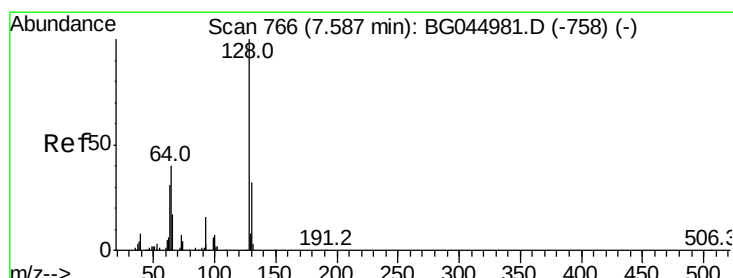
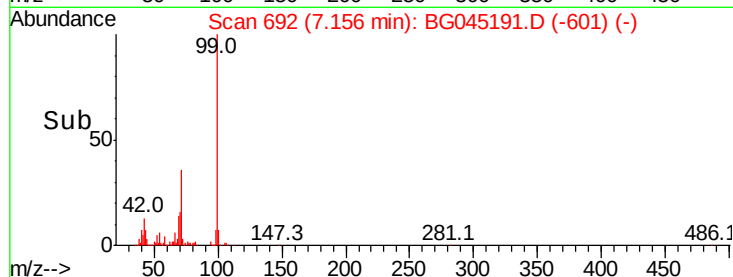
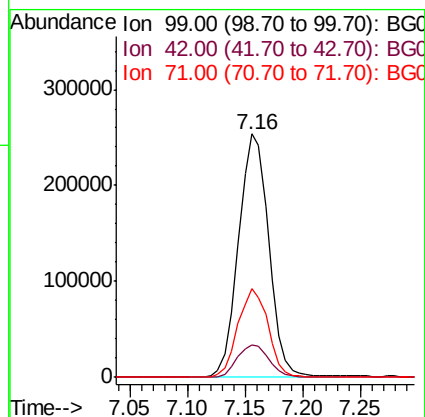
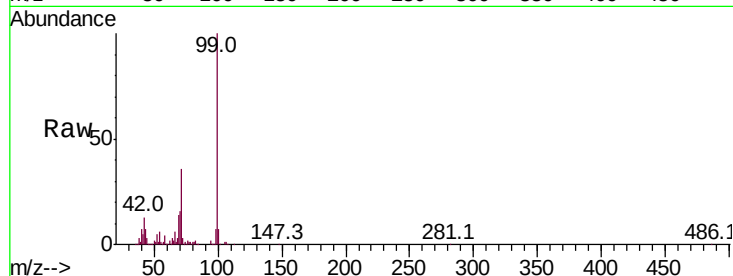
ClientSampleId :

PB128402BSD

Tot Ion:	99	Resp:	461888
Ion Ratio	Lower	Upper	
99	100		
42	13.3	11.3	16.9
71	36.4	28.3	42.5

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#8

2-Chlorophenol

Concen: 46.276 ng

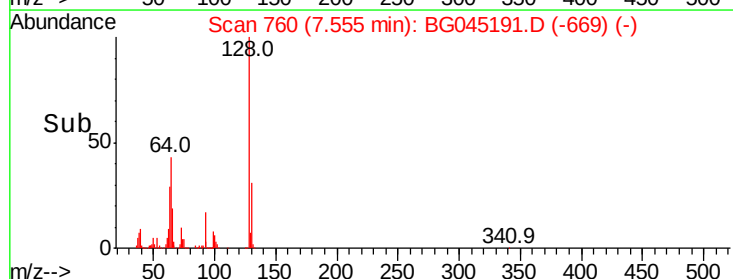
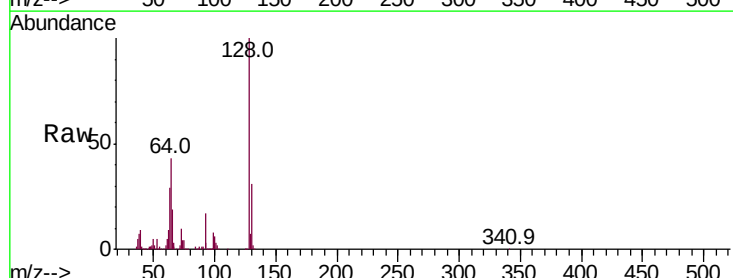
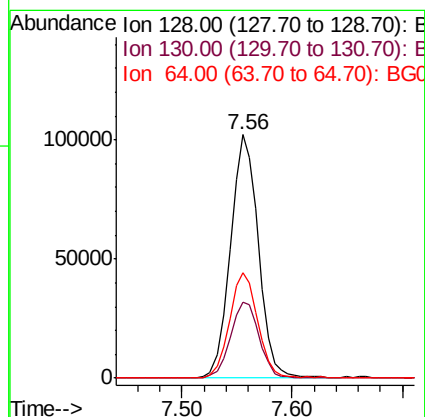
RT: 7.56 min Scan# 760

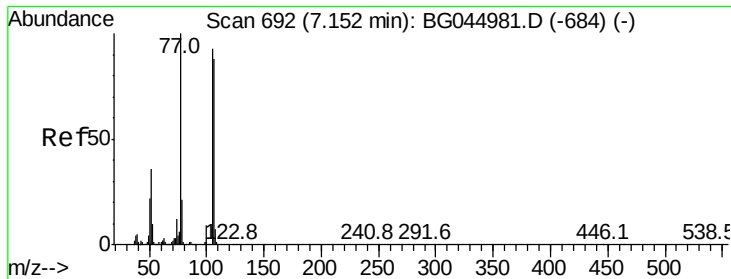
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	128	Resp:	181074
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.3	52.3
64	43.5	24.4	64.4





#9

Benzaldehyde

Concen: 17.130 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

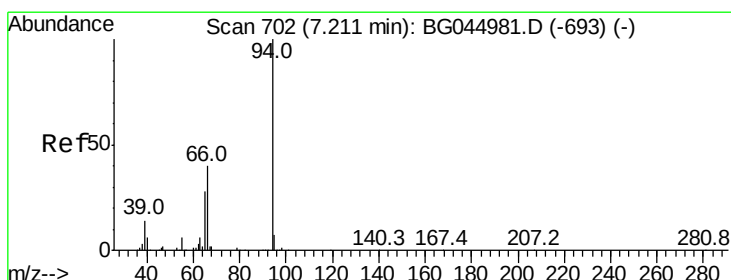
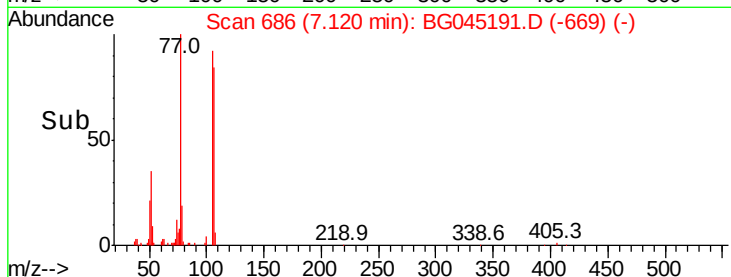
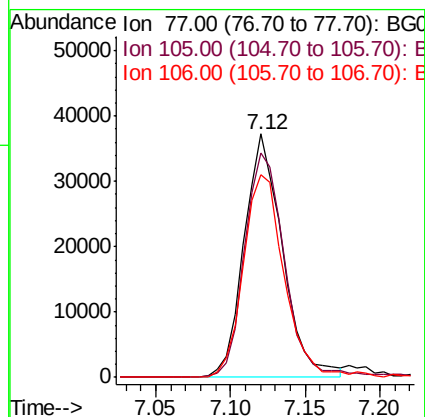
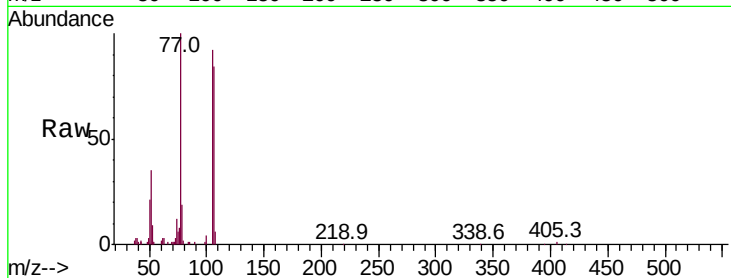
ClientSampleId :

PB128402BSD

Tot Ion:	77	Resp:	66397
Ion Ratio	Lower	Upper	
77	100		
105	92.3	72.9	112.9
106	83.5	67.6	107.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#10

Phenol

Concen: 44.915 ng

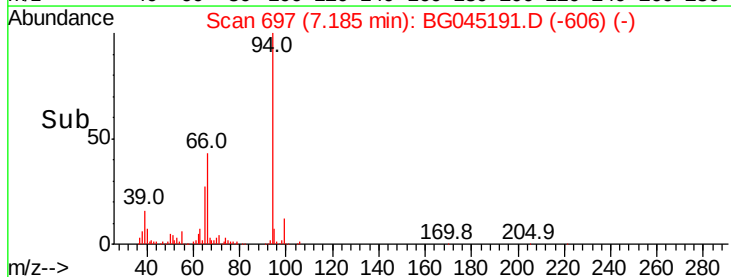
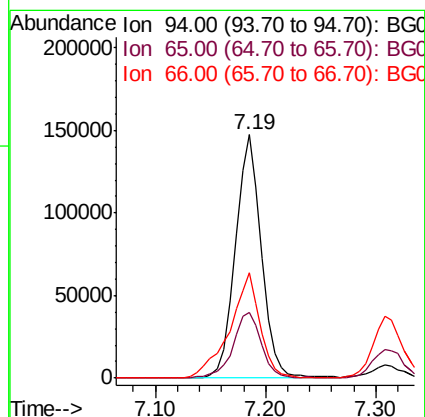
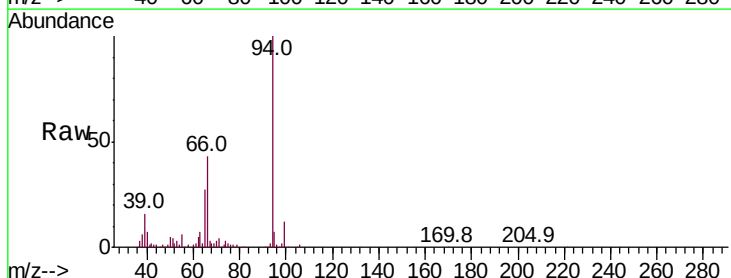
RT: 7.19 min Scan# 697

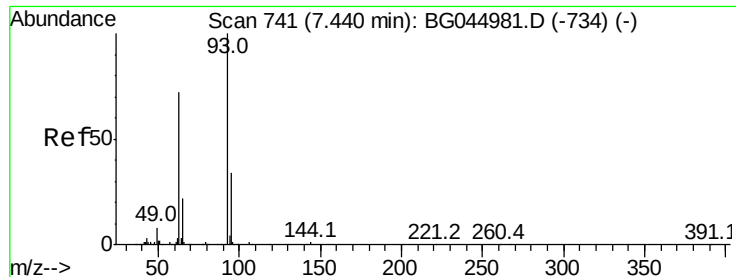
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	94	Resp:	243129
Ion Ratio	Lower	Upper	
94	100		
65	26.9	8.2	48.2
66	43.3	20.4	60.4





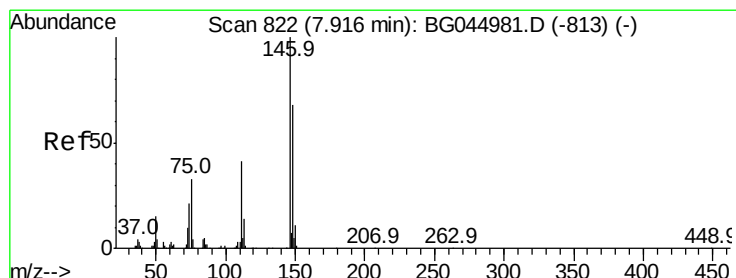
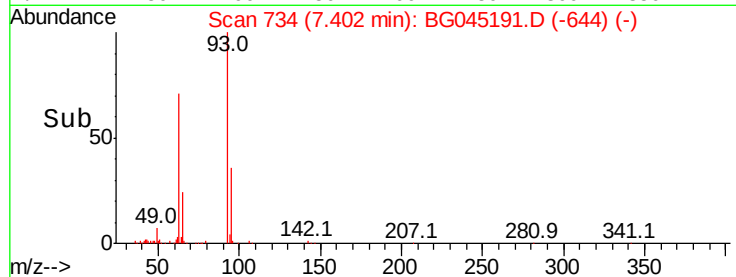
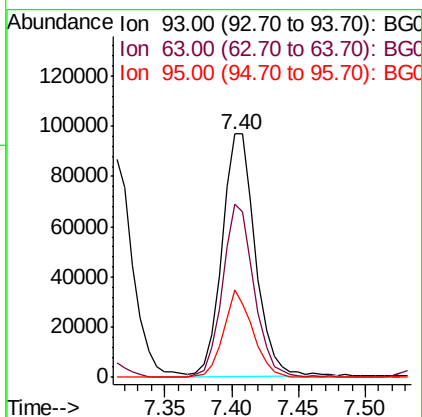
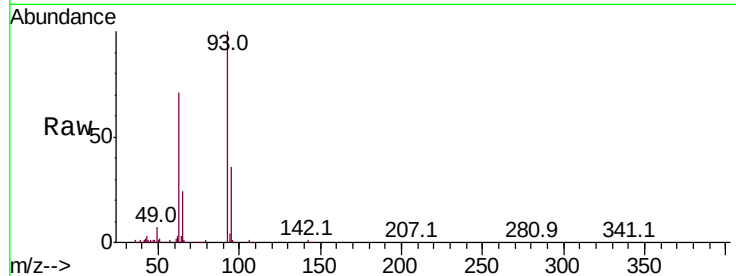
#11
bis(2-Chloroethyl)ether
Concen: 38.997 ng
RT: 7.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	168069		
63	71.4		51.8	91.8
95	35.9		13.8	53.8

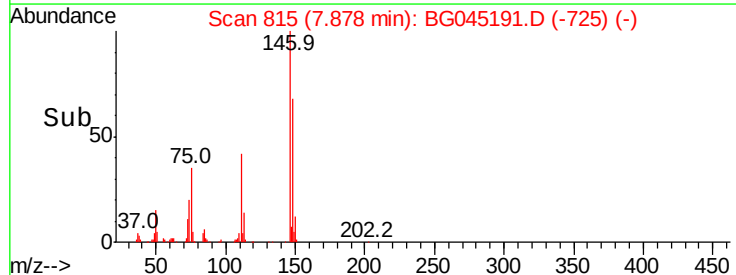
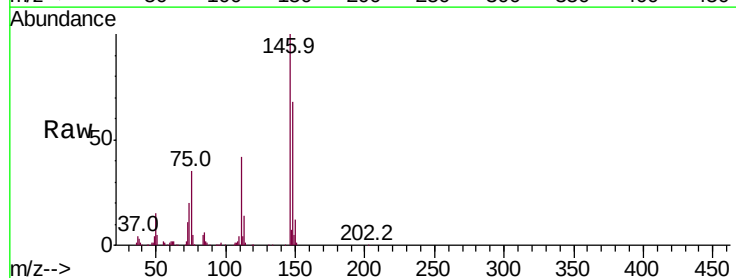
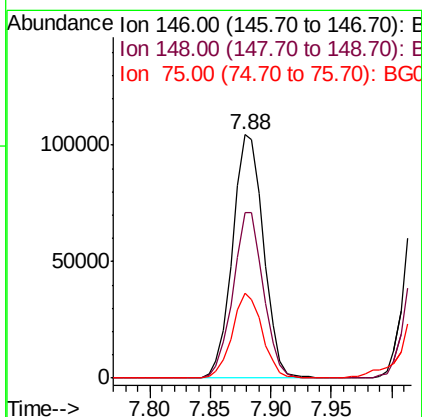
Manual Integrations
APPROVED

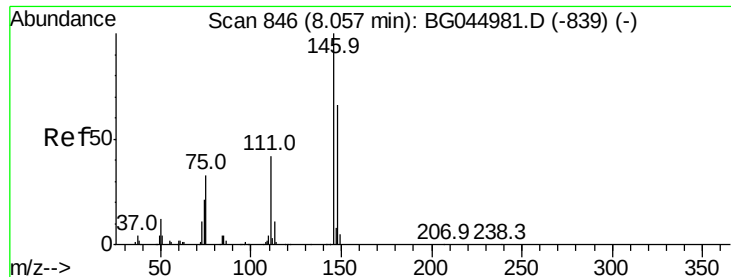
mohammad
4/30/2020 12:04:42 AM



#12
1,3-Dichlorobenzene
Concen: 40.568 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187053		
148	67.9		54.6	81.8
75	34.7		26.0	39.0





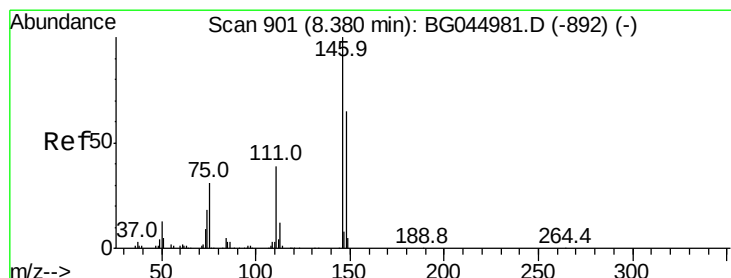
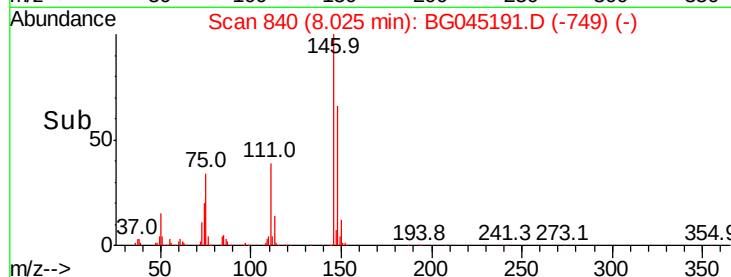
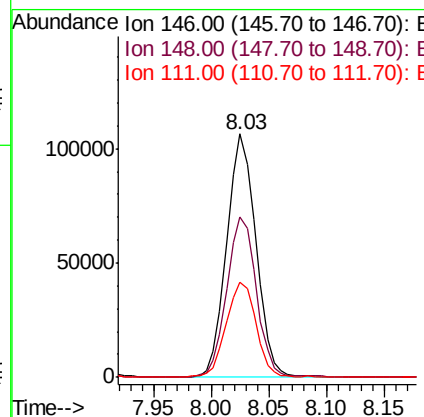
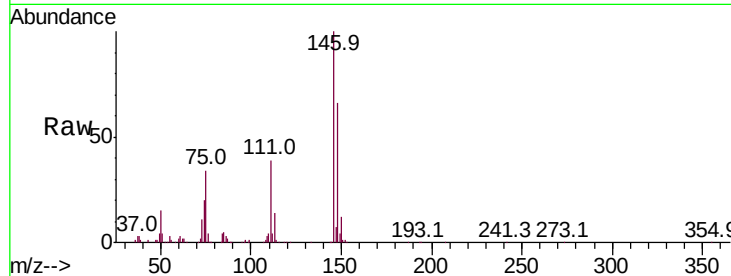
#13
1,4-Dichlorobenzene
Concen: 40.859 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.3	79.9
111	39.2	33.8	50.8

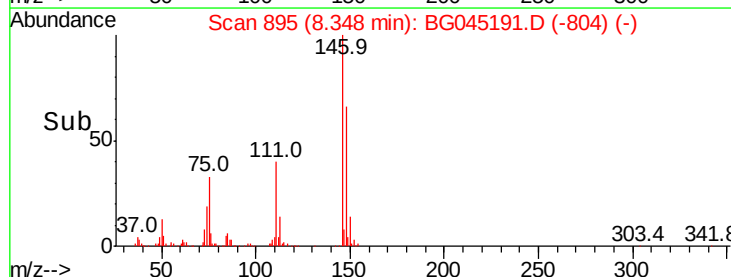
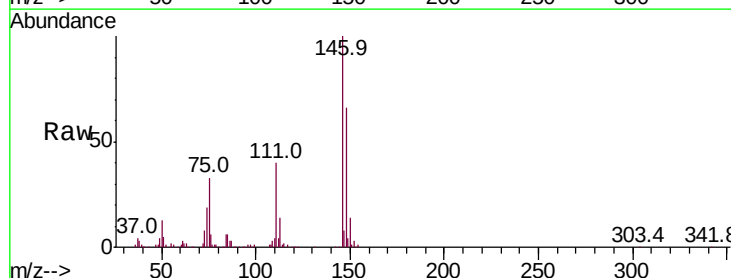
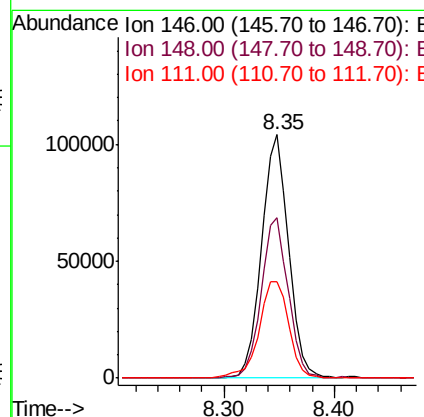
Manual Integrations
APPROVED

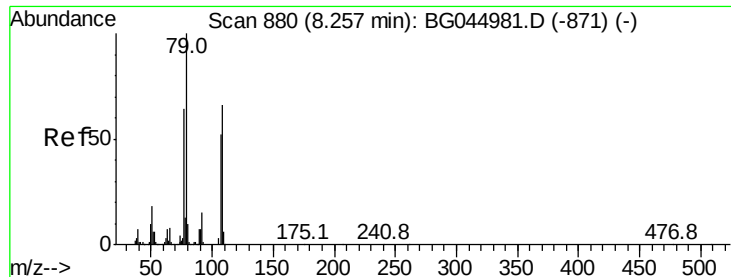
mohammad
4/30/2020 12:04:42 AM



#14
1,2-Dichlorobenzene
Concen: 40.576 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	39.6	31.3	46.9





#15

Benzyl Alcohol

Concen: 38.506 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

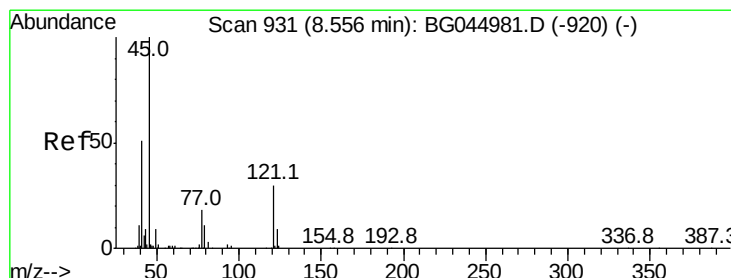
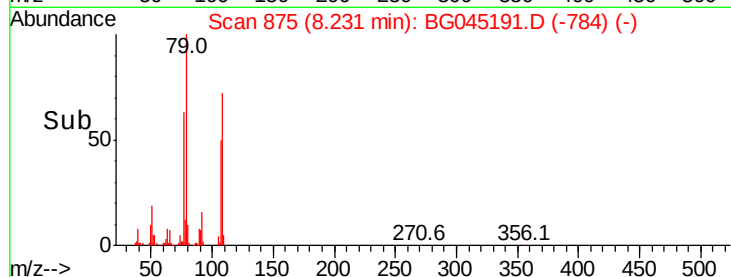
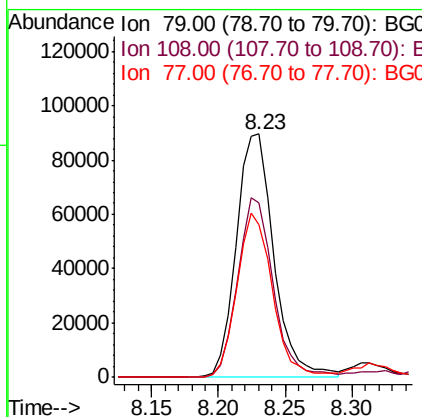
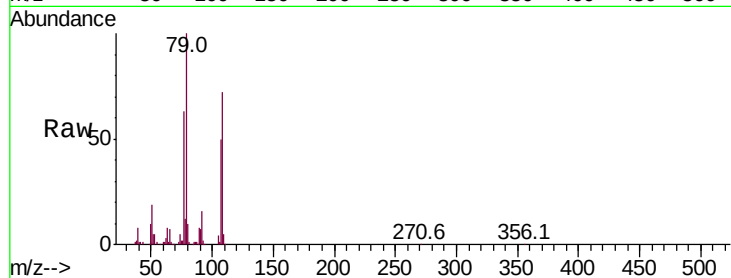
ClientSampleId :

PB128402BSD

Tot Ion:	79	Resp:	174637
Ion Ratio	Lower	Upper	
79	100		
108	71.6	52.7	79.1
77	63.0	51.3	76.9

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.713 ng

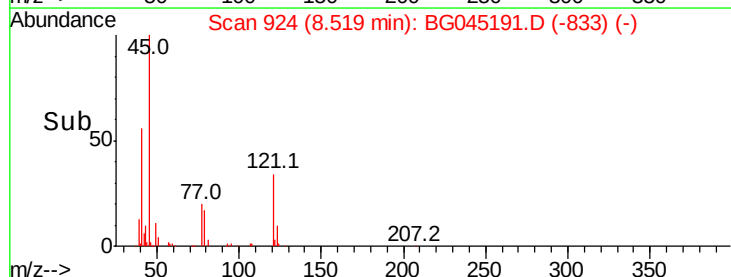
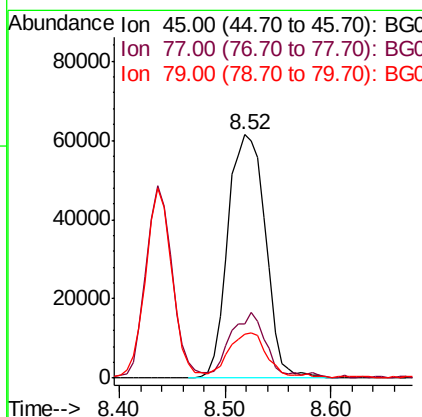
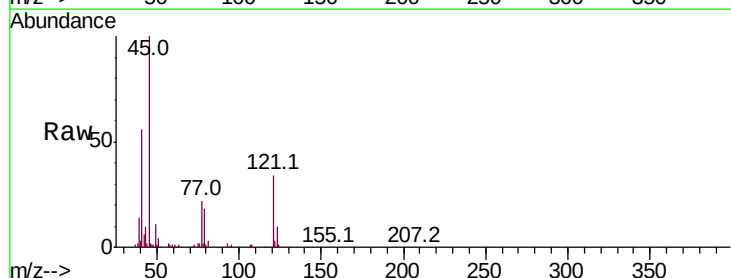
RT: 8.52 min Scan# 924

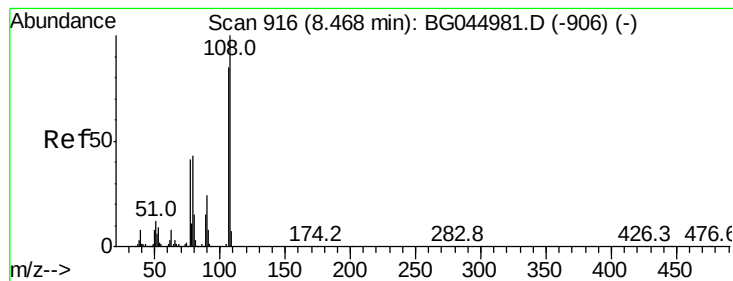
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	45	Resp:	151085
Ion Ratio	Lower	Upper	
45	100		
77	22.3	1.9	41.9
79	18.2	0.0	35.5





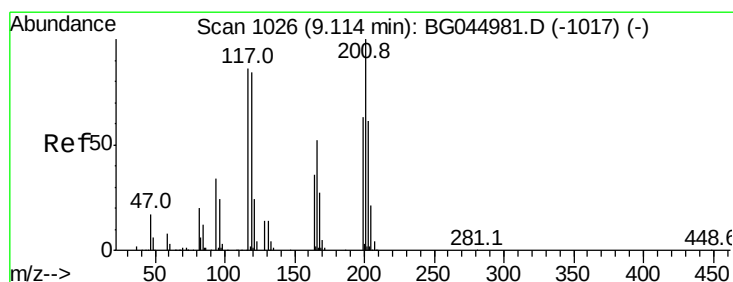
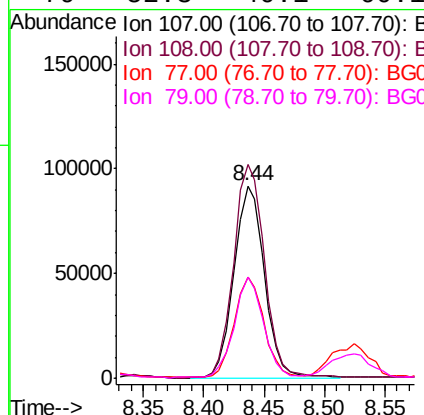
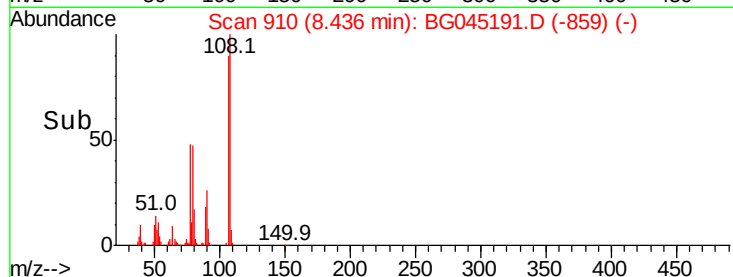
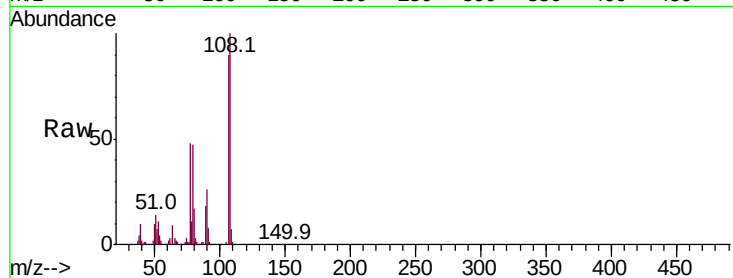
#17
2-Methylphenol
Concen: 38.673 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	93.8	140.6	
77	52.8	38.5	57.7	
79	52.3	40.1	60.1	

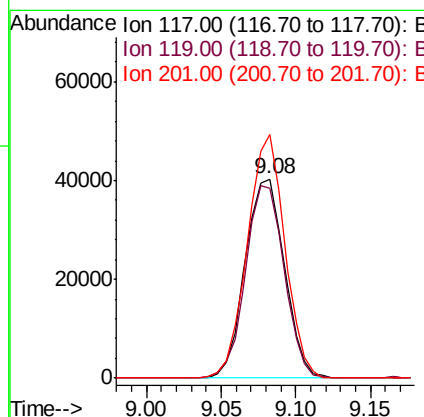
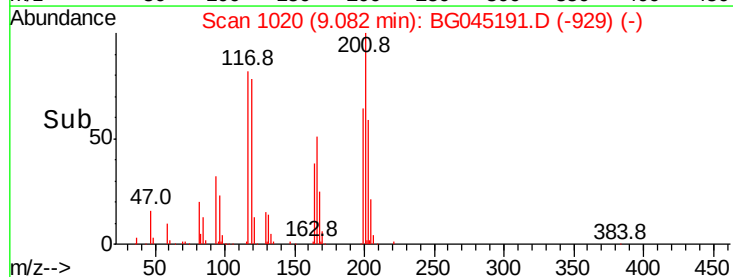
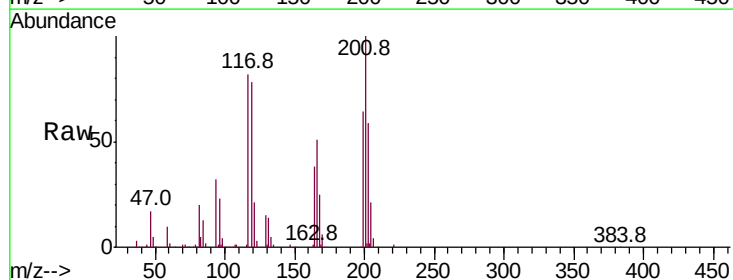
Manual Integrations
APPROVED

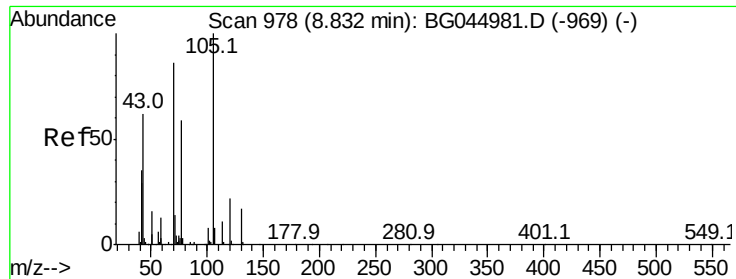
mohammad
4/30/2020 12:04:42 AM



#18
Hexachloroethane
Concen: 42.550 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	78.3	117.5	
201	122.1	92.9	139.3	





#19

n-Nitroso-di-n-propylamine

Concen: 37.994 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

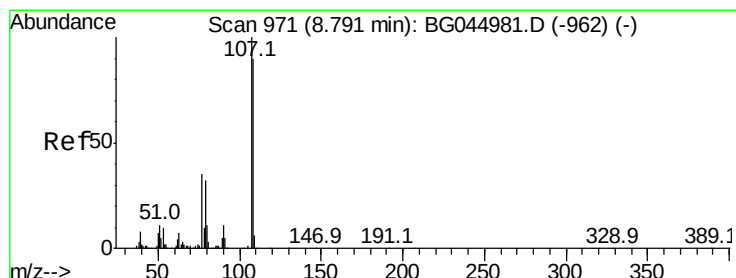
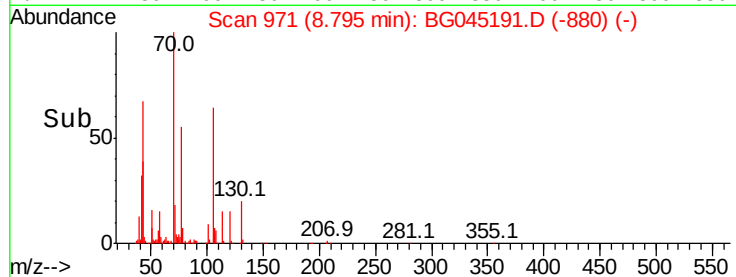
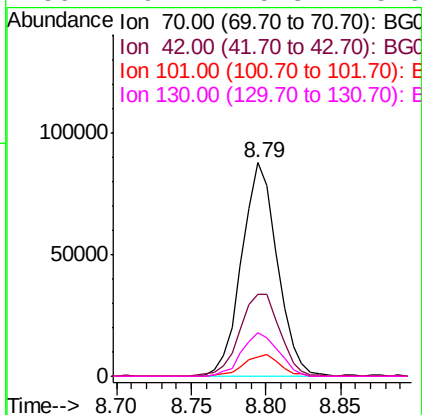
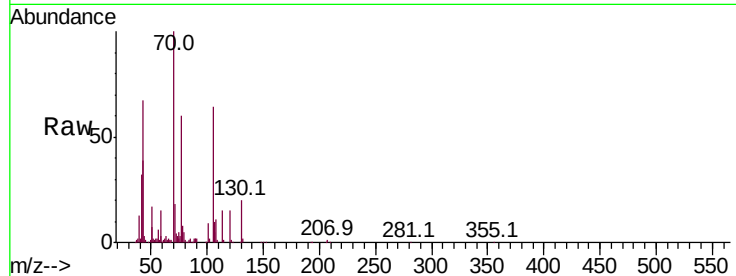
ClientSampleId :

PB128402BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.5	33.3	49.9
101	9.3	7.8	11.8
130	20.2	15.8	23.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#20

3+4-Methylphenols

Concen: 39.685 ng

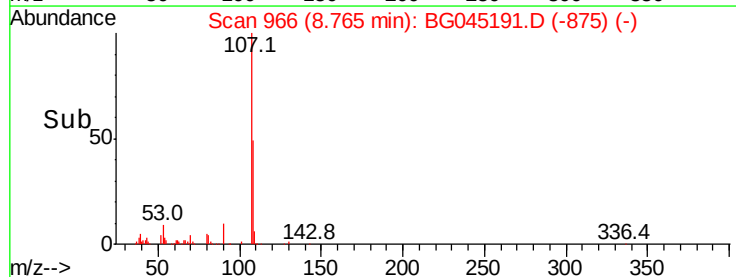
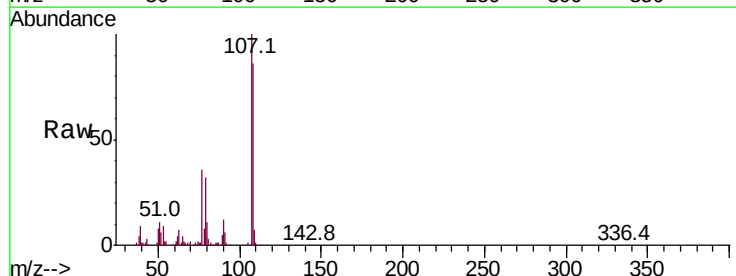
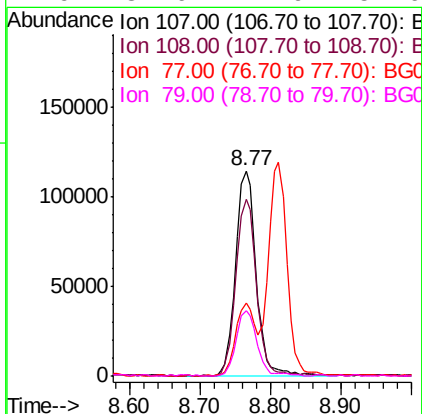
RT: 8.77 min Scan# 966

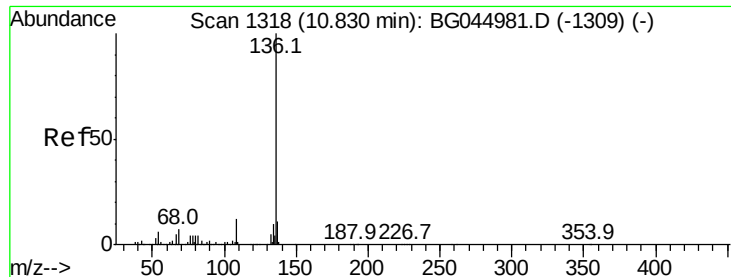
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	35.6	15.2	55.2
79	31.6	11.6	51.6





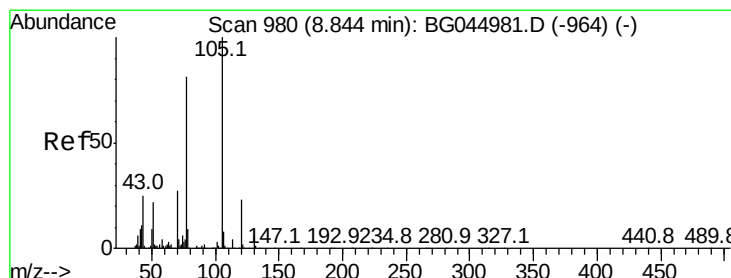
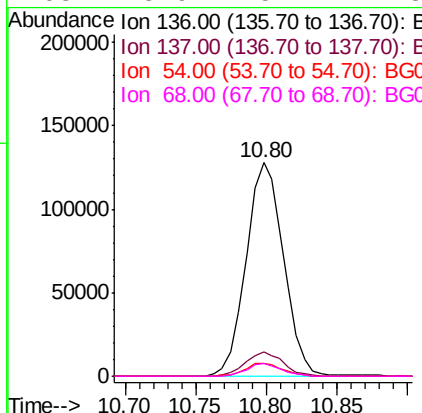
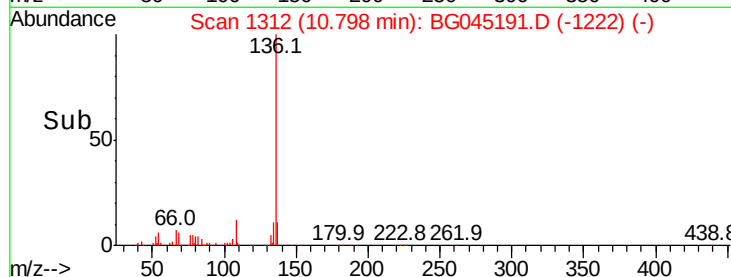
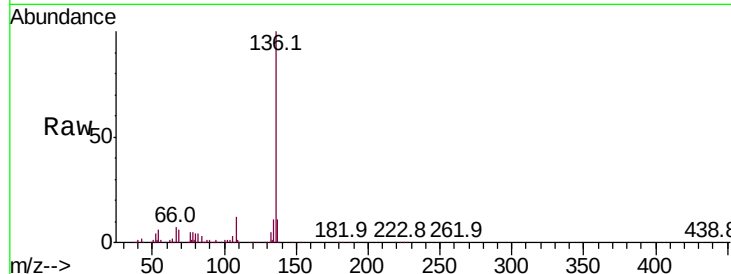
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.6	13.0	
54	5.9	4.8	7.2	
68	5.9	5.2	7.8	

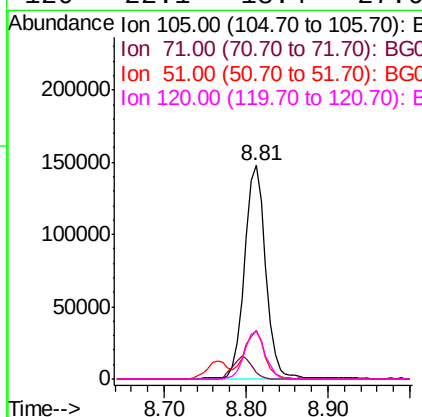
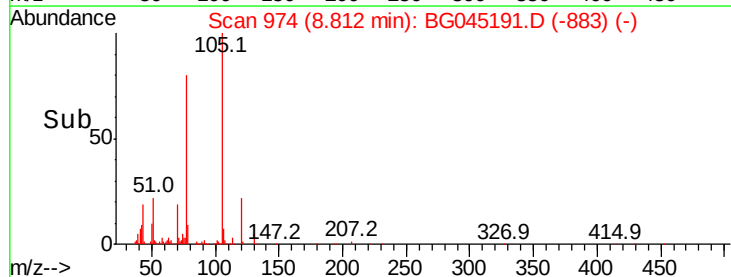
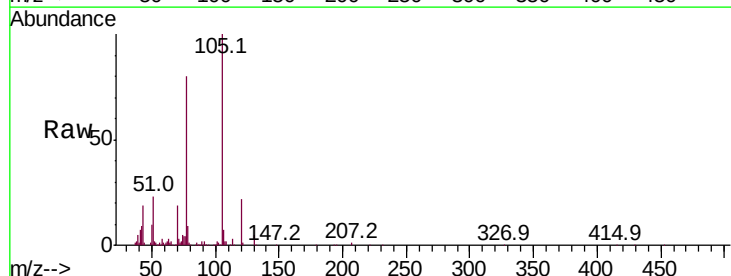
Manual Integrations
APPROVED

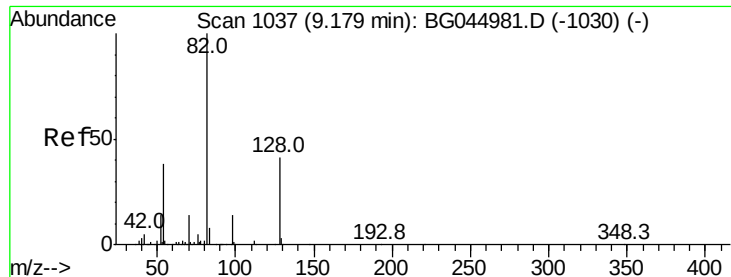
mohammad
4/30/2020 12:04:42 AM



#22
Acetophenone
Concen: 41.607 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	3.3	4.9#	
51	22.6	17.3	25.9	
120	22.1	18.4	27.6	





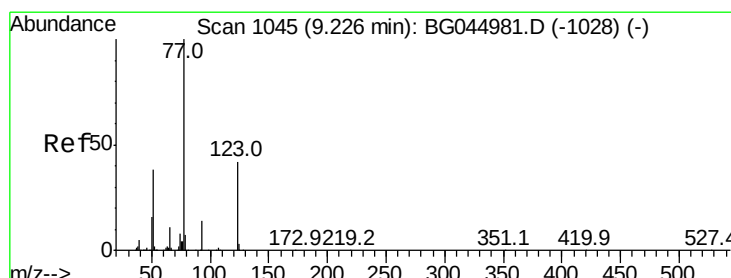
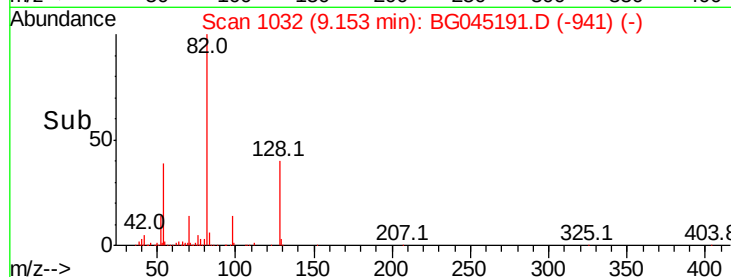
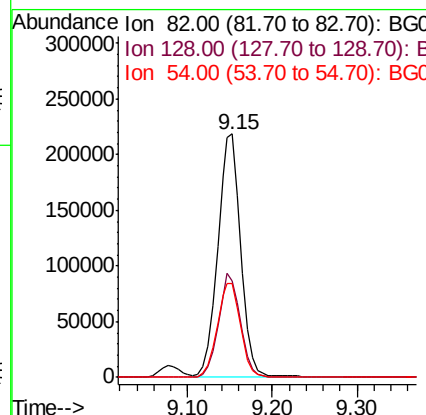
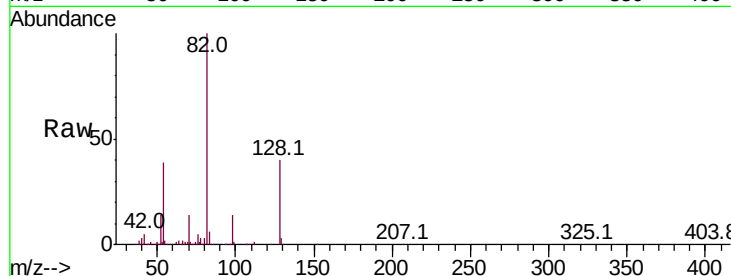
#23
 Nitrobenzene-d5
 Concen: 79.837 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	415164		
128	39.8	33.0	49.4	
54	38.8	30.4	45.6	

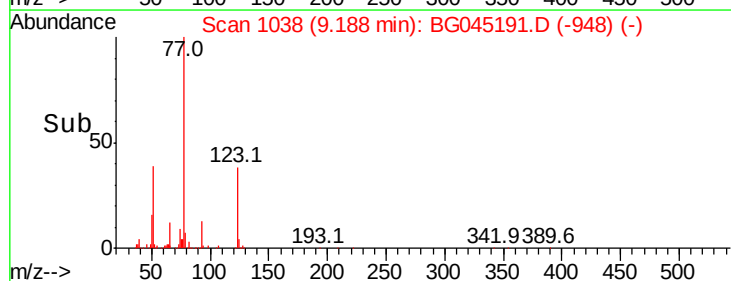
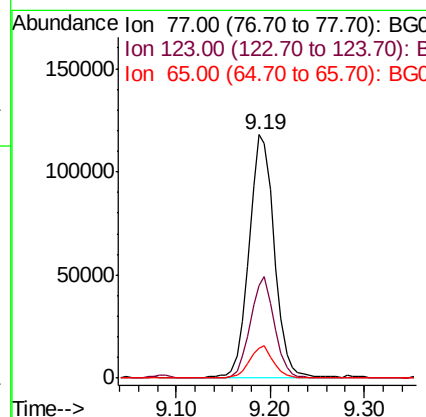
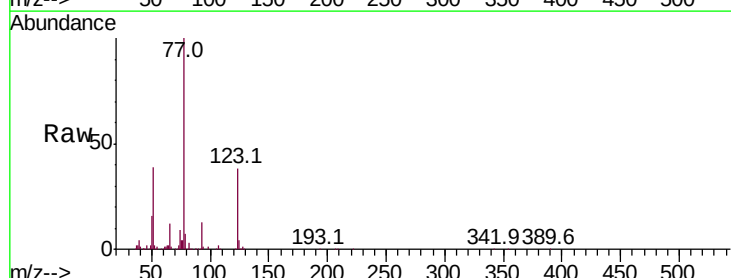
Manual Integrations
 APPROVED

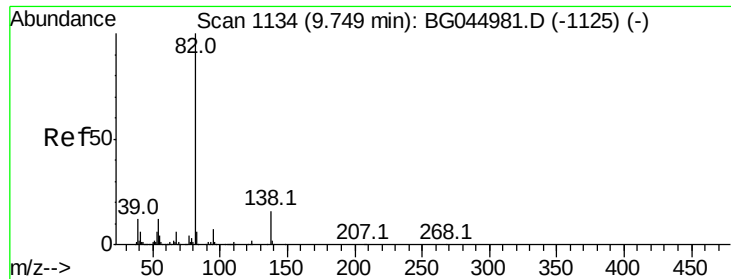
mohammad
 4/30/2020 12:04:42 AM



#24
 Nitrobenzene
 Concen: 41.136 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	219268		
123	38.2	34.3	51.5	
65	12.2	8.9	13.3	





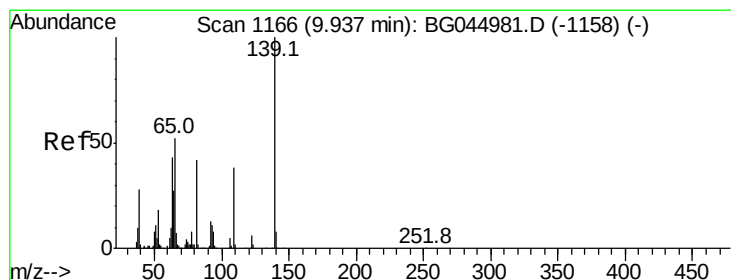
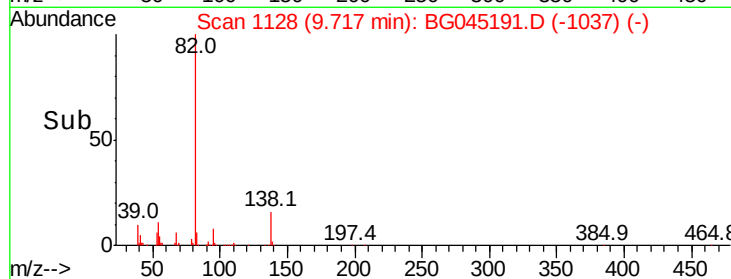
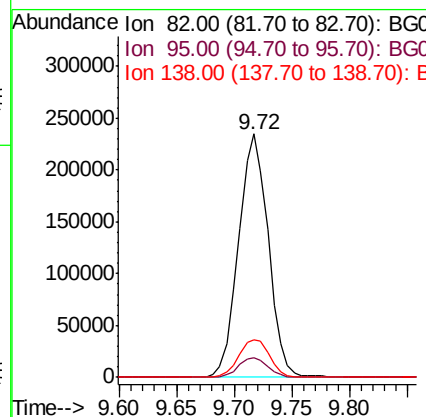
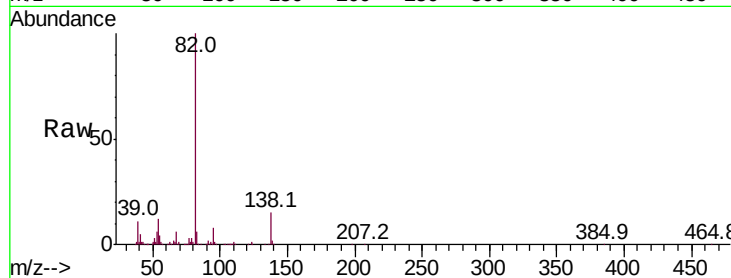
#25
Isophorone
Concen: 39.182 ng
RT: 9.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.0	9.0	
138	15.5	12.7	19.1	

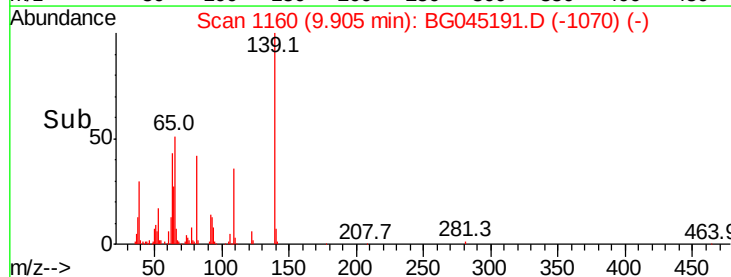
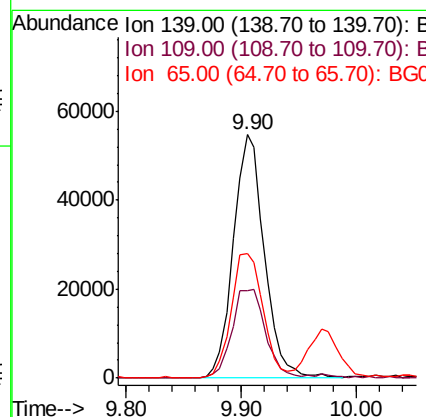
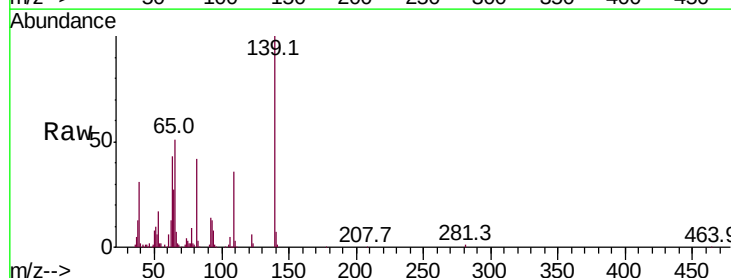
Manual Integrations
APPROVED

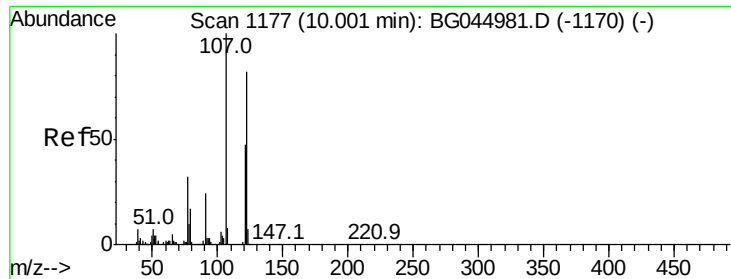
mohammad
4/30/2020 12:04:42 AM



#26
2-Nitrophenol
Concen: 44.299 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.9	30.6	45.8	
65	51.3	41.8	62.6	





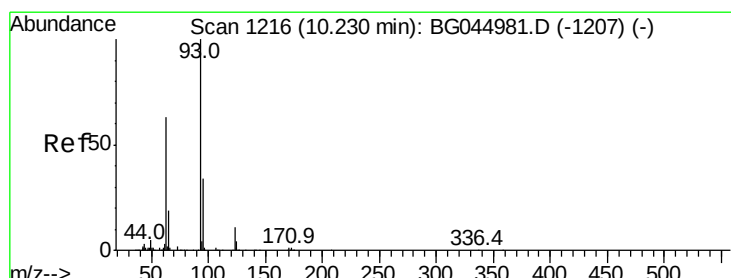
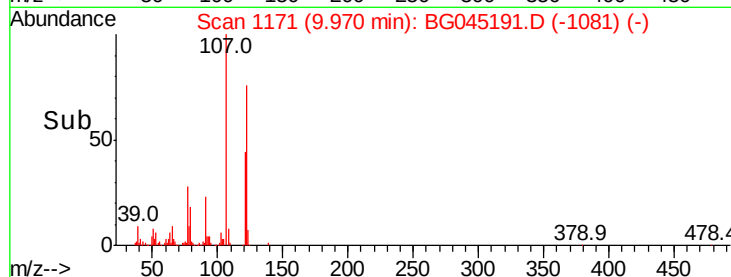
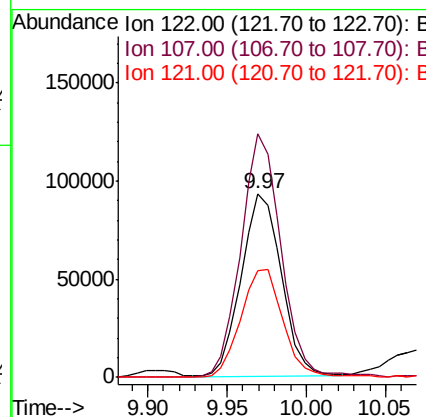
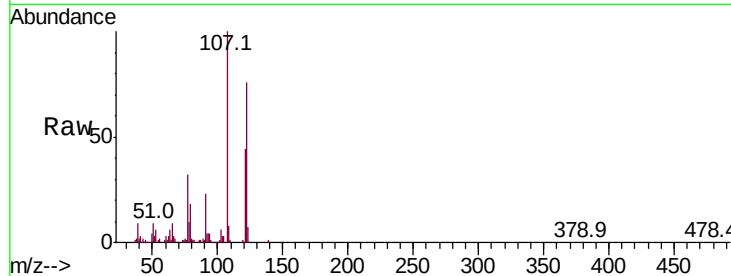
#27
2,4-Dimethylphenol
Concen: 45.516 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165823		
107	132.3	96.8	145.2	
121	57.6	45.6	68.4	

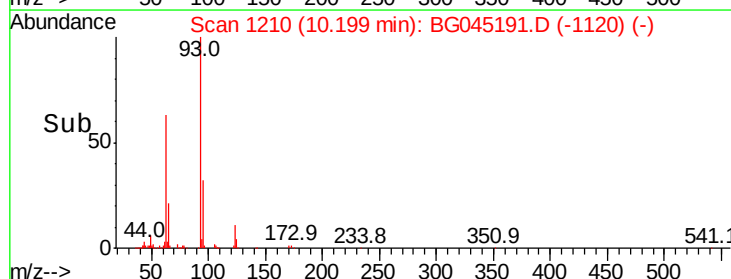
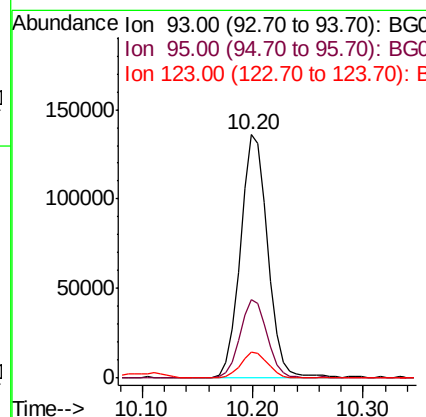
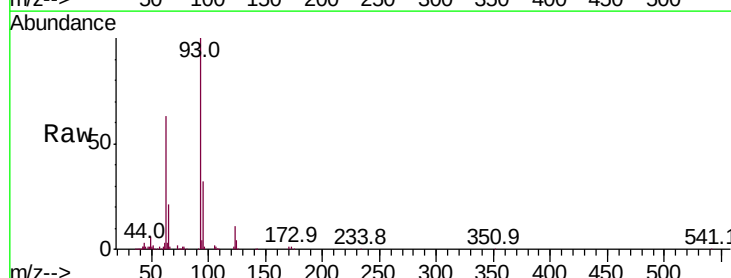
Manual Integrations
APPROVED

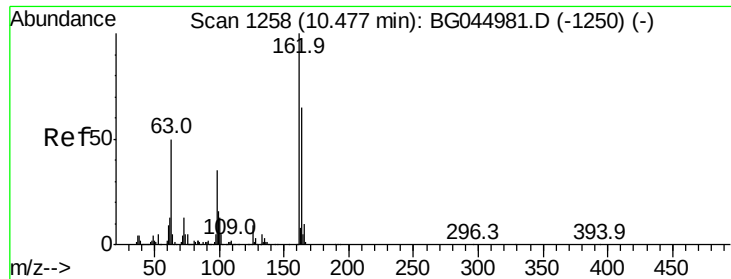
mohammad
4/30/2020 12:04:42 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.304 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	236700		
95	32.3	27.0	40.4	
123	10.6	8.7	13.1	





#29

2,4-Dichlorophenol

Concen: 45.808 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

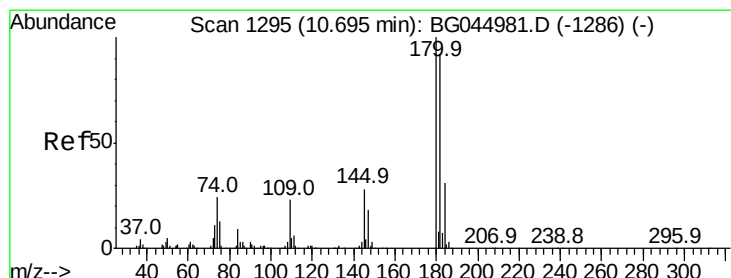
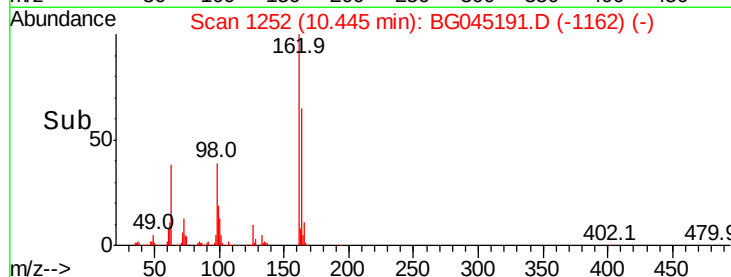
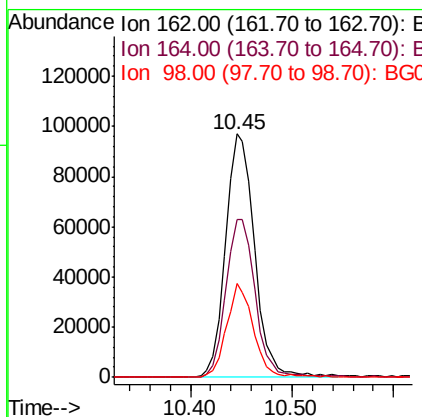
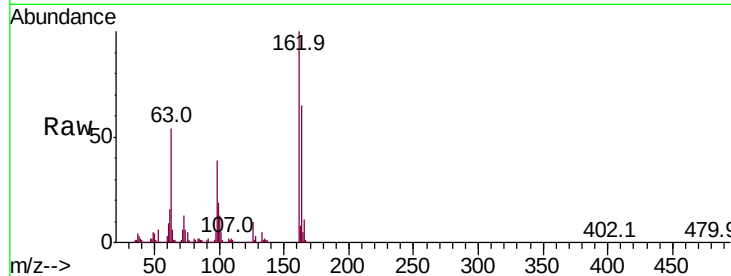
ClientSampleId :

PB128402BSD

Tot Ion:	162	Resp:	192702
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.0	85.0
98	38.7	15.2	55.2

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#30

1,2,4-Trichlorobenzene

Concen: 42.563 ng

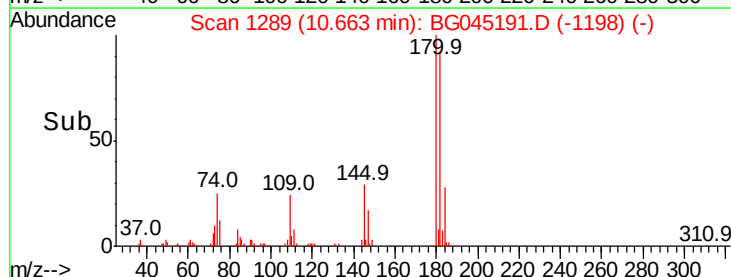
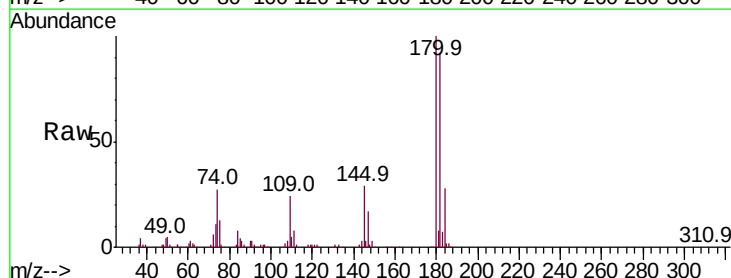
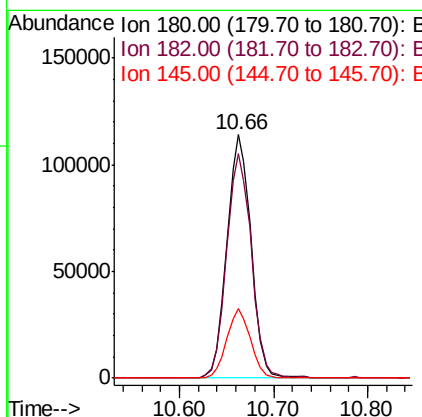
RT: 10.66 min Scan# 1289

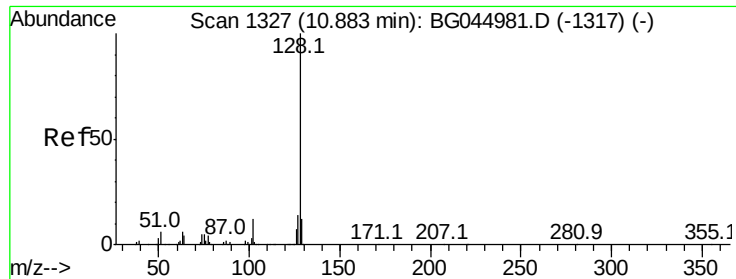
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	180	Resp:	202721
Ion Ratio	Lower	Upper	
180	100		
182	92.0	73.3	109.9
145	28.6	22.6	33.8





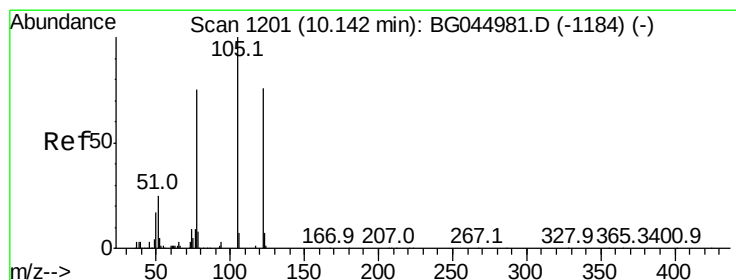
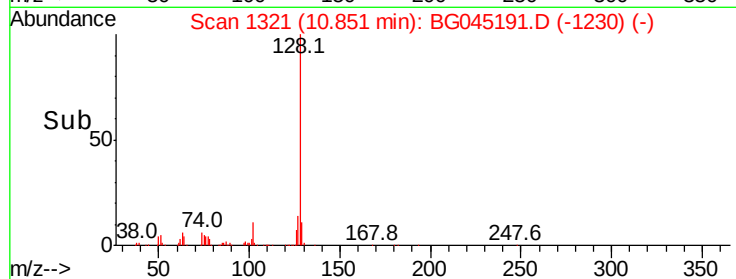
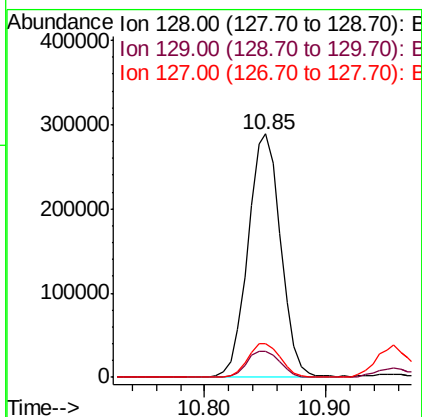
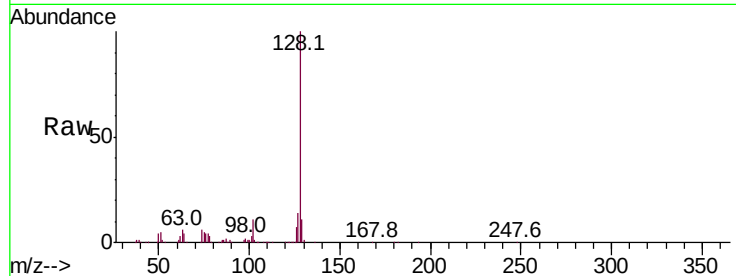
#31
Naphthalene
Concen: 42.121 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	546734		
129	10.8		9.4	14.2
127	14.0		10.8	16.2

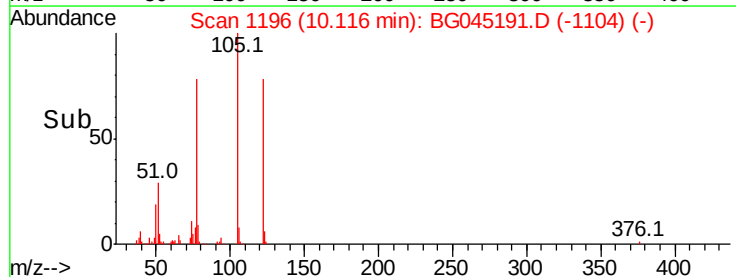
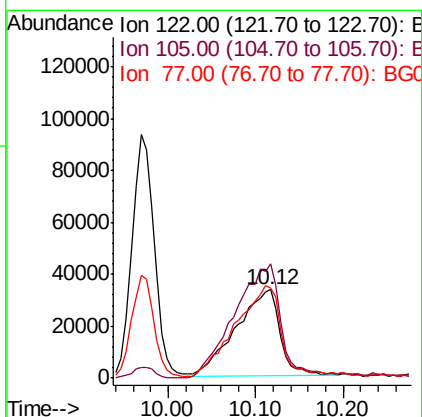
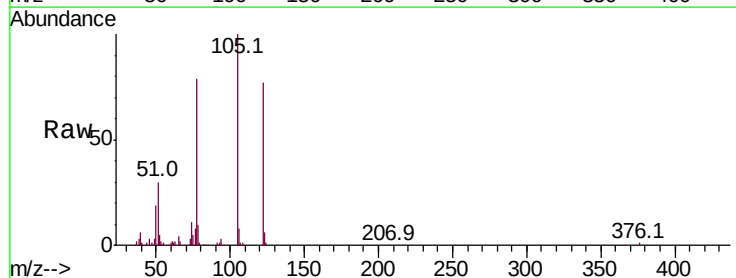
Manual Integrations
APPROVED

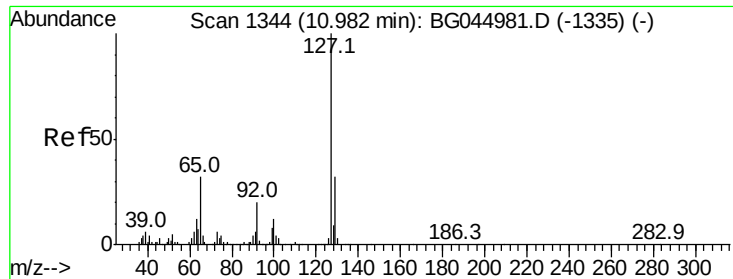
mohammad
4/30/2020 12:04:42 AM



#32
Benzoic acid
Concen: 40.060 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114322		
105	129.8		108.4	148.4
77	102.1		78.8	118.8





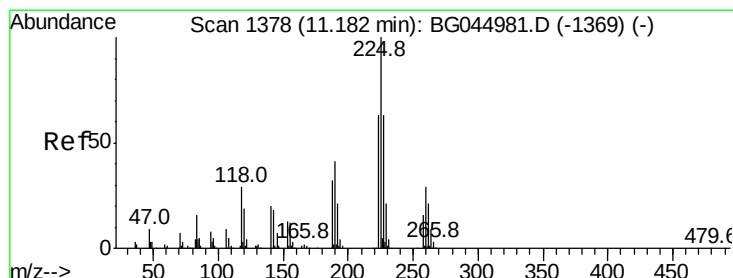
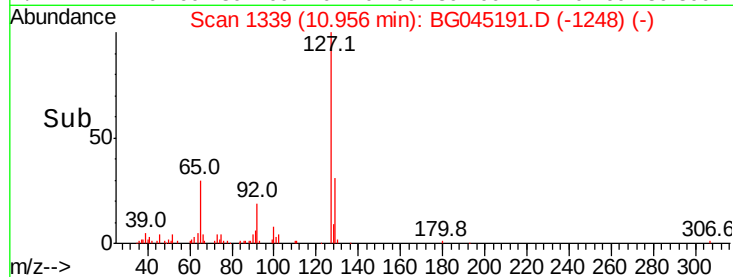
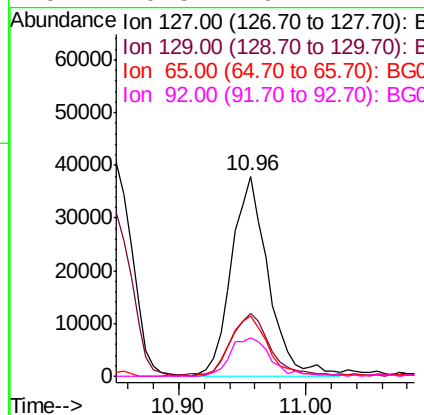
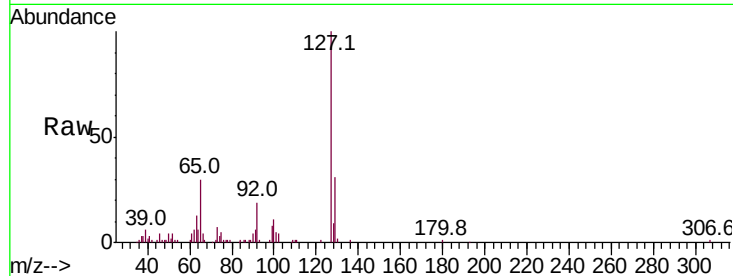
#33
4-Chloroaniline
Concen: 12.634 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.7	38.5		
65	30.1	25.4	38.2		
92	19.5	16.1	24.1		

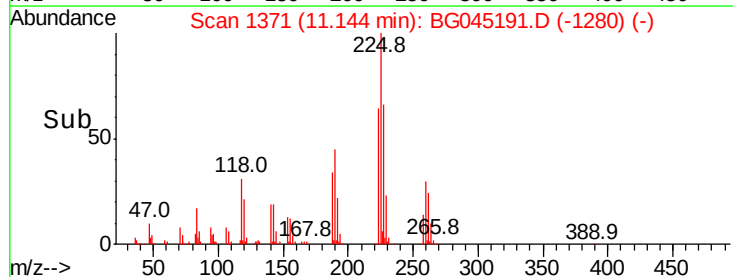
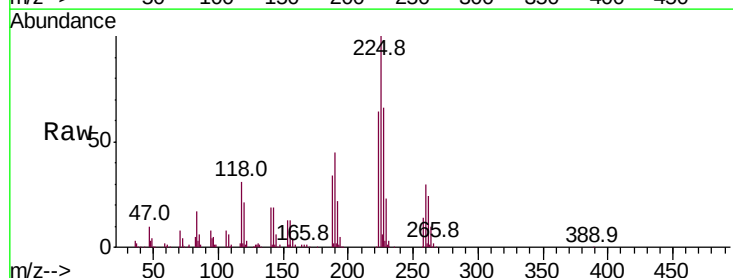
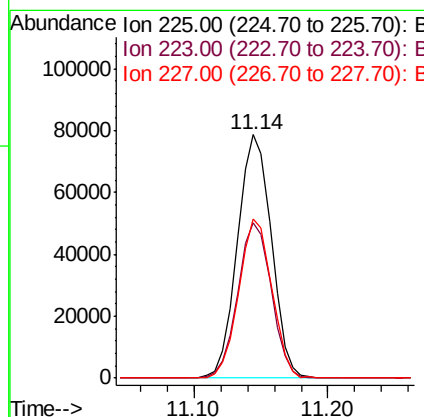
Manual Integrations
APPROVED

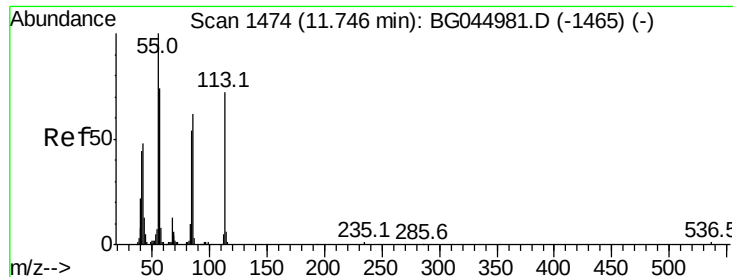
mohammad
4/30/2020 12:04:42 AM



#34
Hexachlorobutadiene
Concen: 42.390 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.7	76.1		
227	65.6	50.2	75.2		





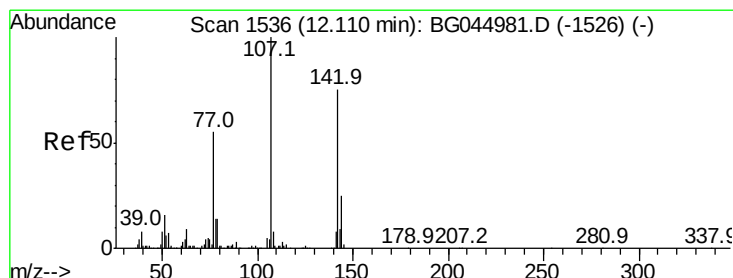
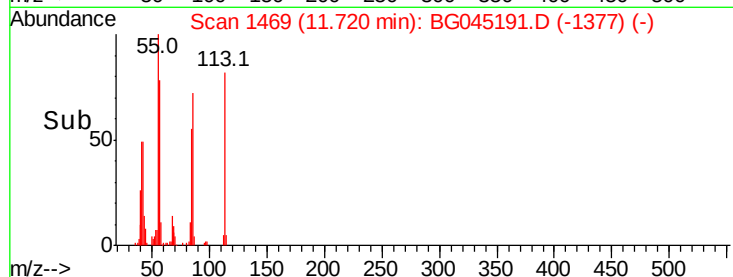
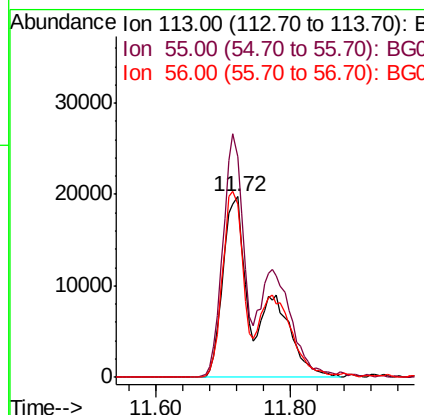
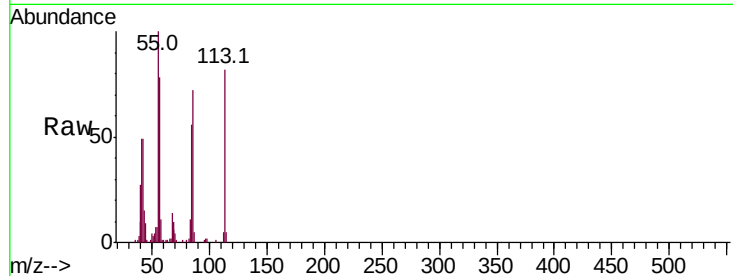
#35
 Caprolactam
 Concen: 42.743 ng/ml
 RT: 11.72 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	122.7	118.8	158.8
56	96.0	82.6	122.6

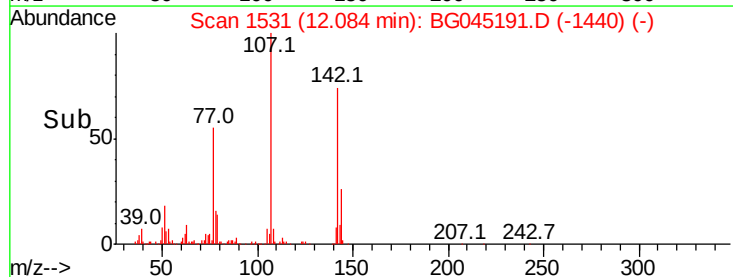
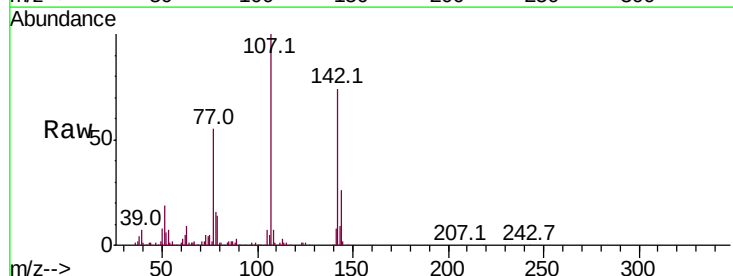
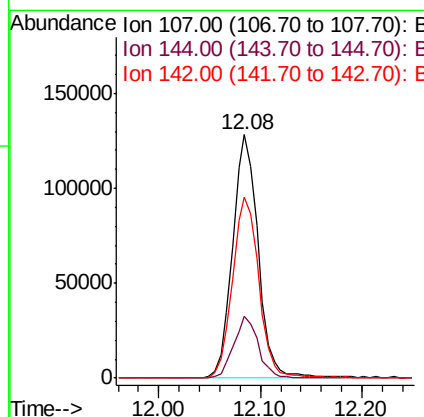
Manual Integrations
 APPROVED

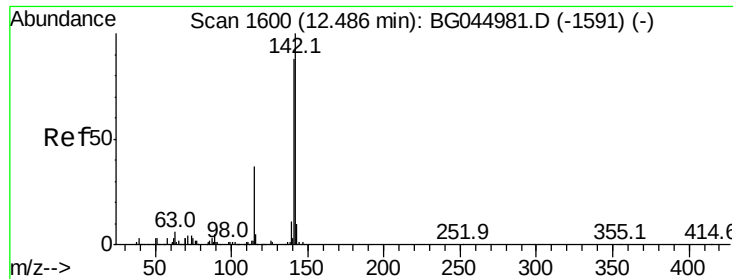
mohammad
 4/30/2020 12:04:42 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.331 ng/ml
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.6
142	74.1	59.7	89.5





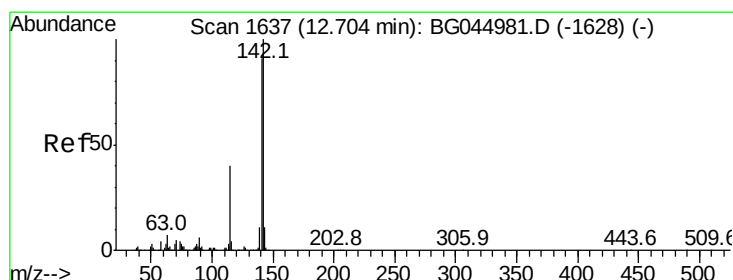
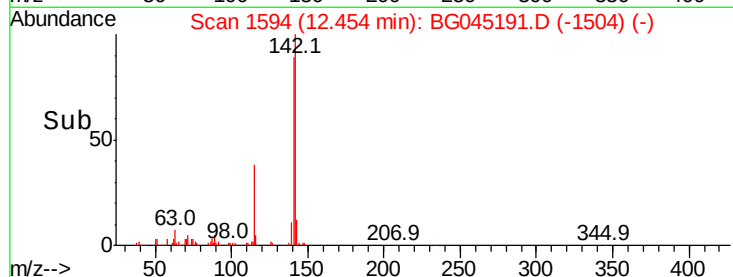
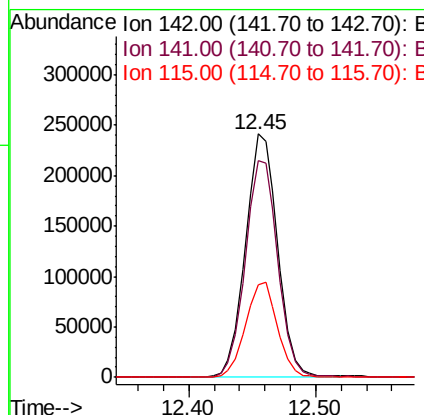
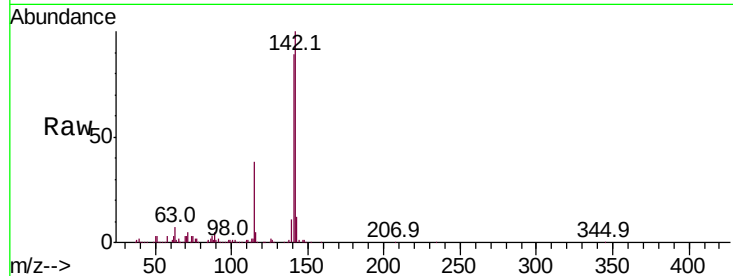
#37
2-Methylnaphthalene
Concen: 42.270 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	38.0	29.8	44.6

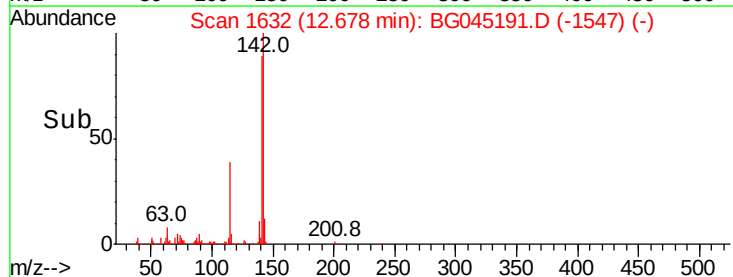
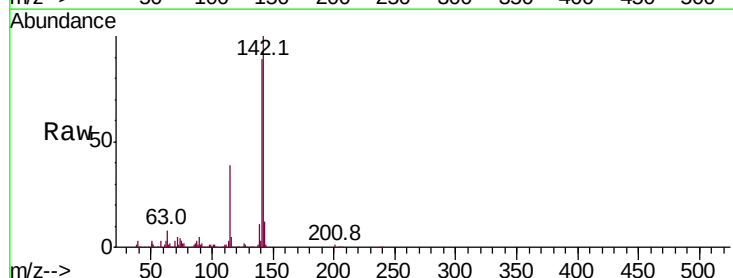
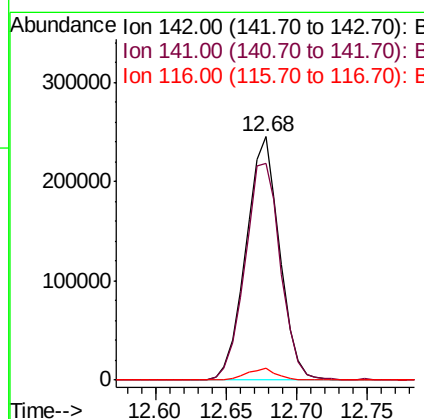
Manual Integrations
APPROVED

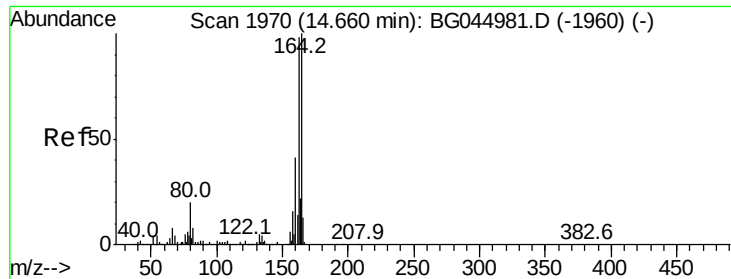
mohammad
4/30/2020 12:04:42 AM



#38
1-Methylnaphthalene
Concen: 42.856 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.7	109.1
116	4.8	3.1	4.7#





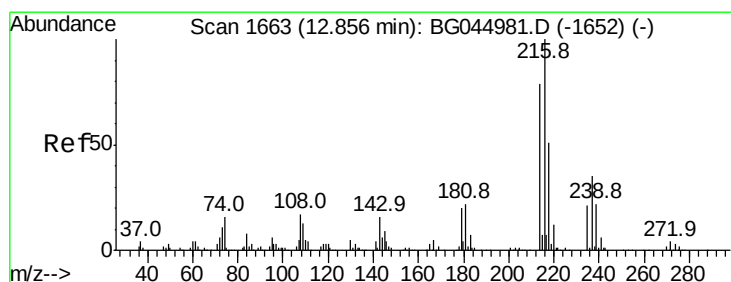
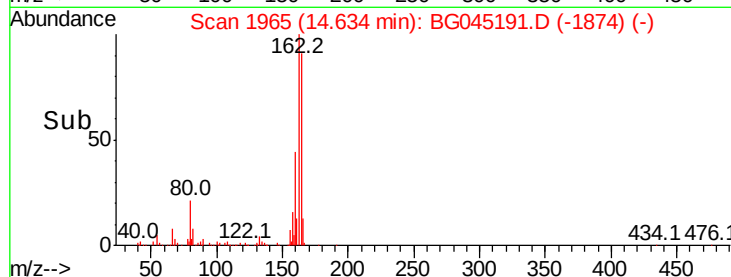
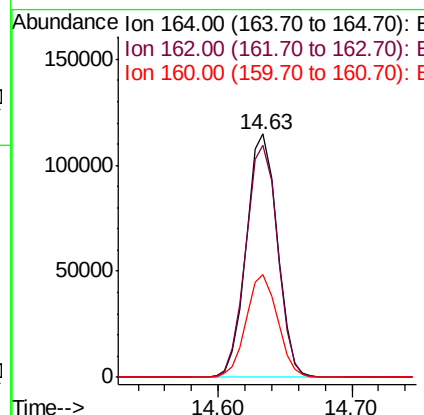
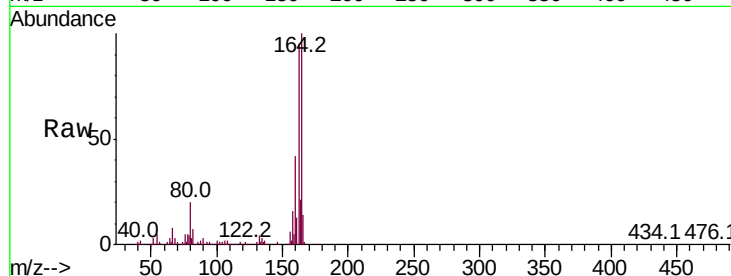
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.2	78.7	118.1
160	42.2	32.8	49.2

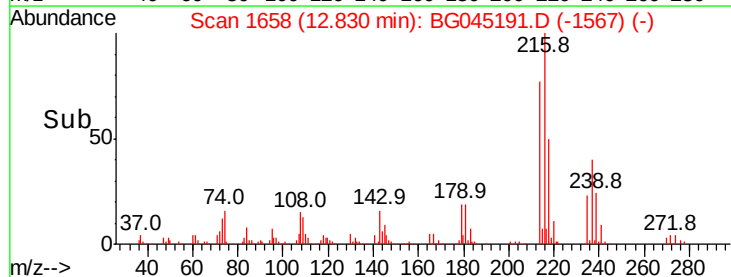
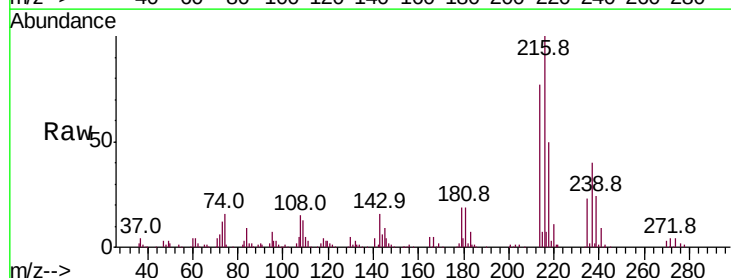
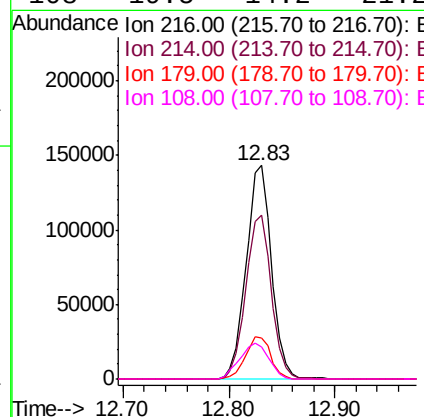
Manual Integrations
APPROVED

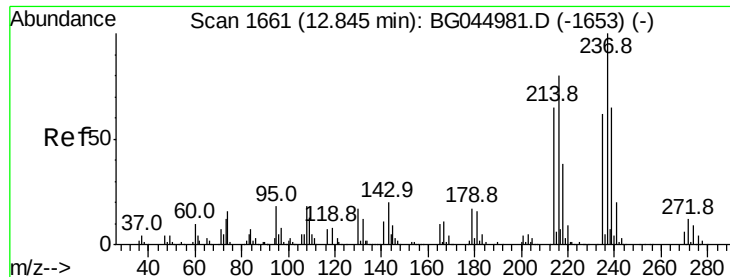
mohammad
4/30/2020 12:04:42 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.361 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.6
179	19.8	15.8	23.8
108	19.5	14.2	21.2





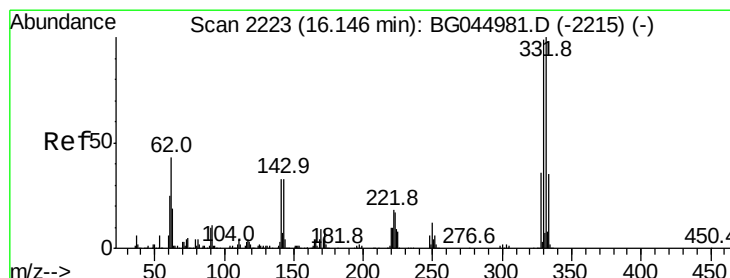
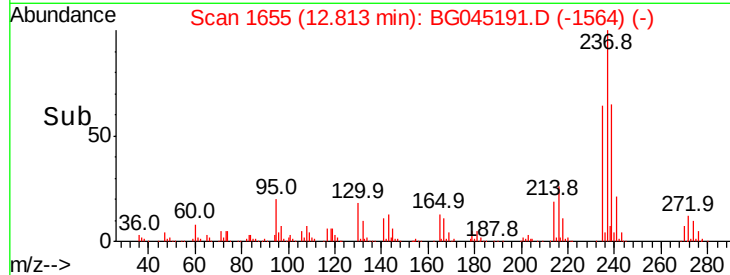
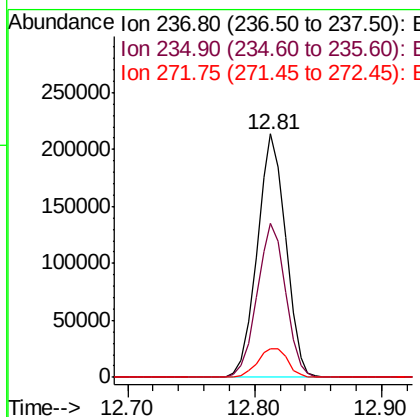
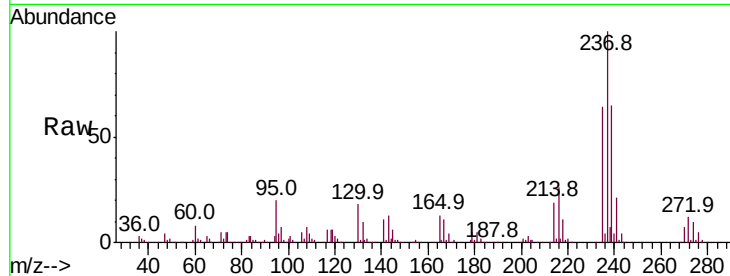
#41
Hexachlorocyclopentadiene
Concen: 90.723 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	41.6	81.6
272	12.0	0.0	32.1

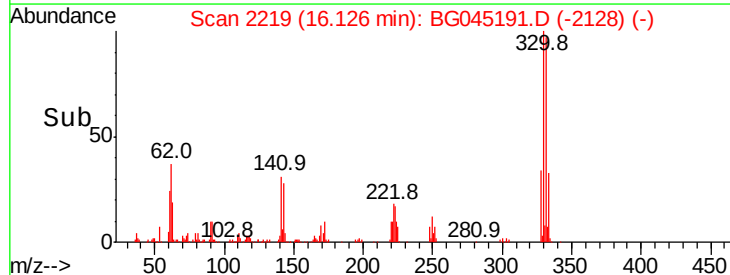
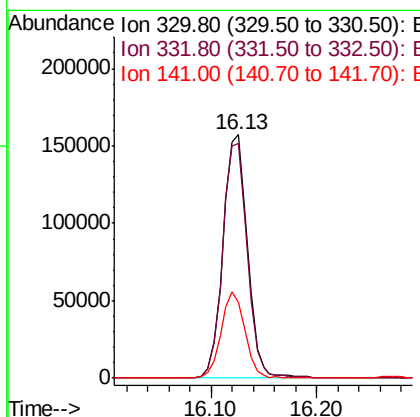
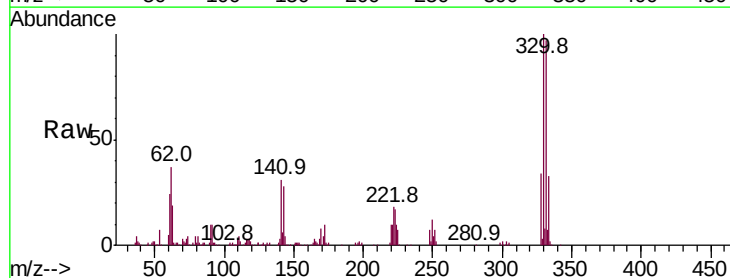
Manual Integrations
APPROVED

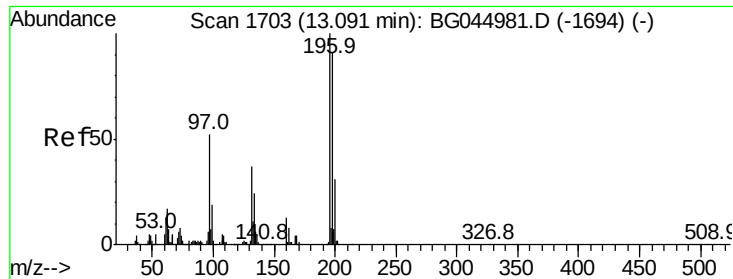
mohammad
4/30/2020 12:04:42 AM



#42
2,4,6-Tribromophenol
Concen: 88.980 ng
RT: 16.13 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.6	27.1	40.7





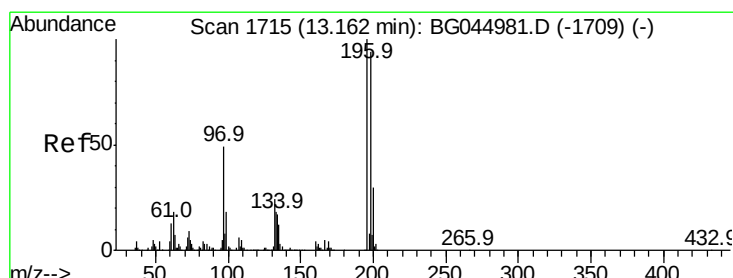
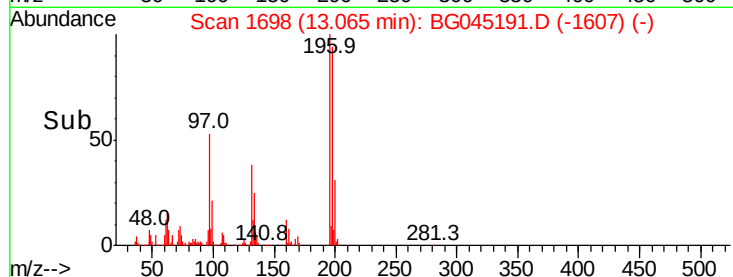
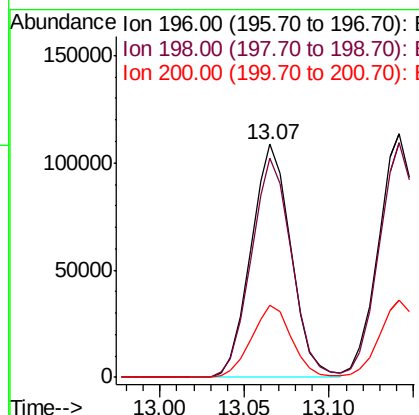
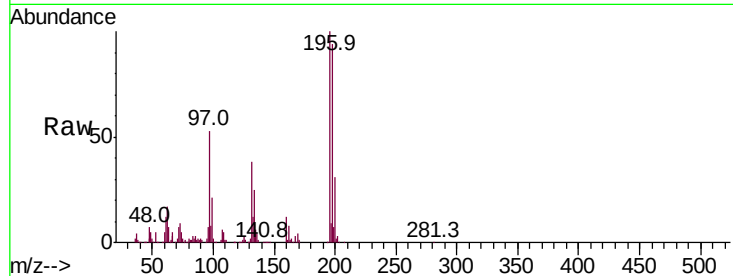
#43
 2,4,6-Trichlorophenol
 Concen: 42.837 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178479		
198	94.2	72.5	108.7	
200	31.1	24.5	36.7	

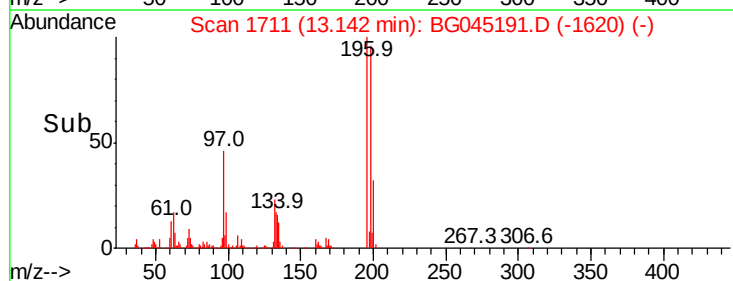
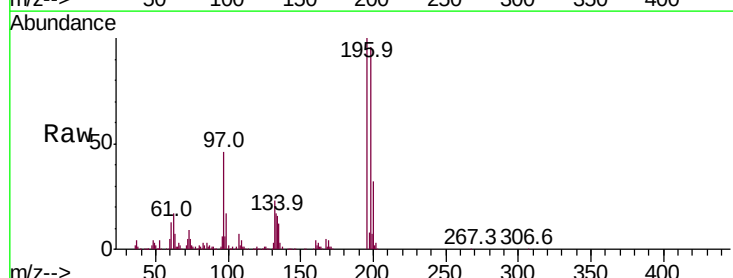
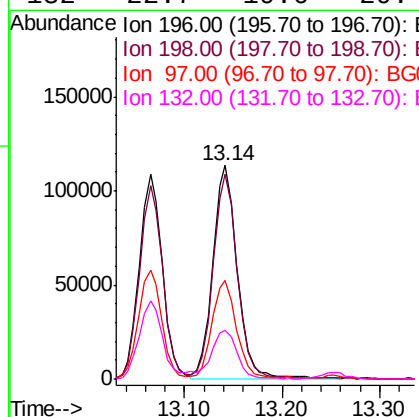
Manual Integrations
 APPROVED

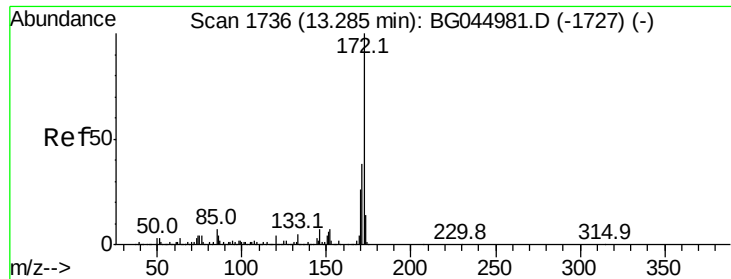
mohammad
 4/30/2020 12:04:42 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.798 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198227		
198	96.2	75.7	113.5	
97	46.3	39.6	59.4	
132	22.7	19.6	29.4	





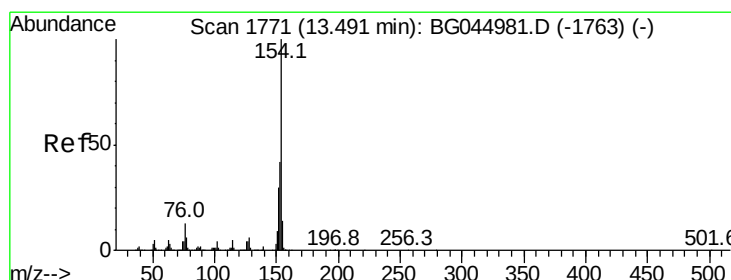
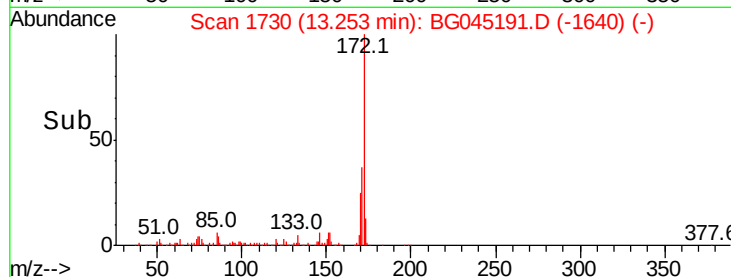
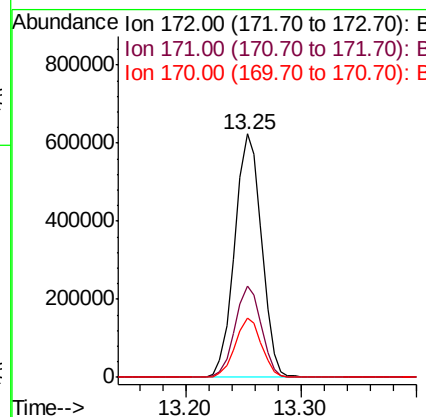
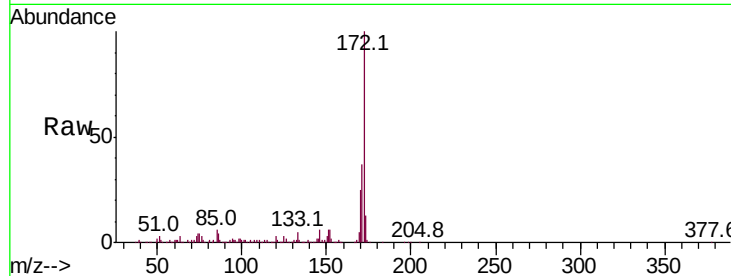
#45
2-Fluorobiphenyl
Concen: 80.371 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	24.6	20.5	30.7

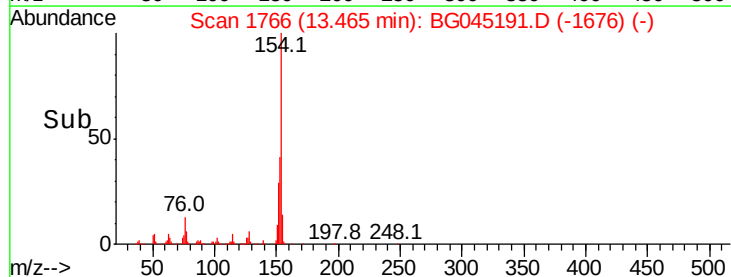
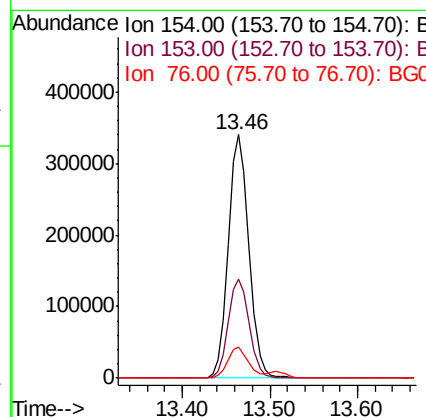
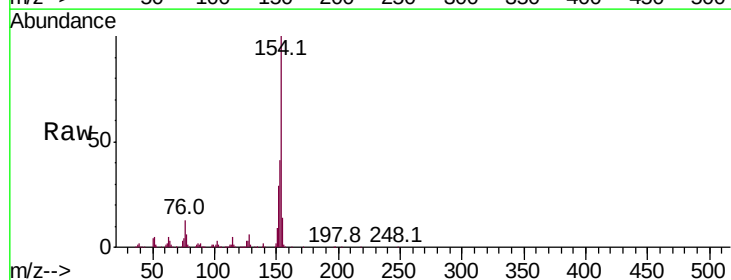
Manual Integrations
APPROVED

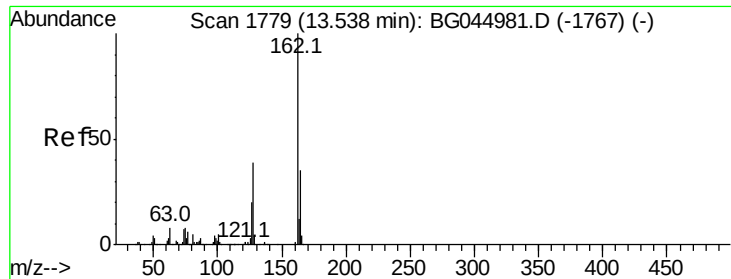
mohammad
4/30/2020 12:04:42 AM



#46
1,1'-Biphenyl
Concen: 39.739 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	12.5	0.0	33.1





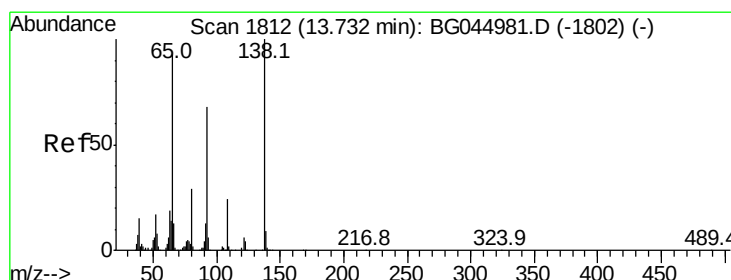
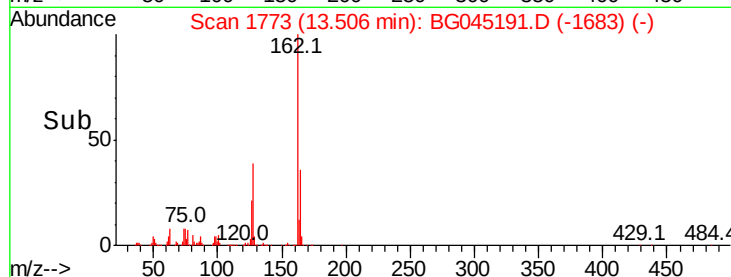
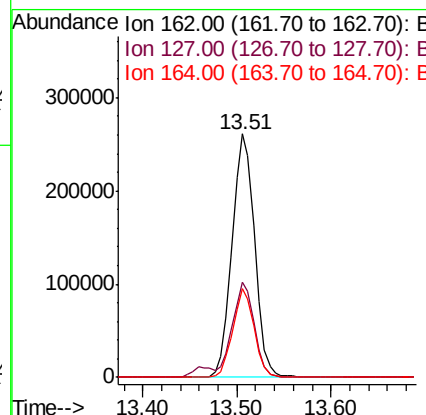
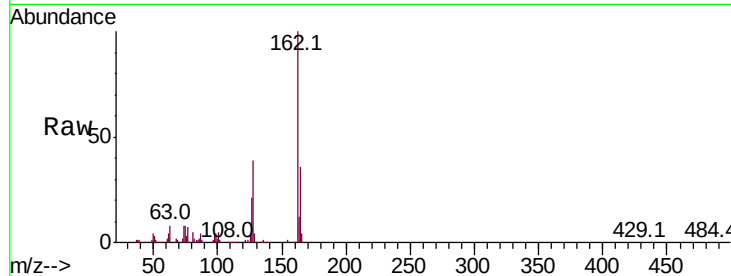
#47
2-Chloronaphthalene
Concen: 40.820 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.1	31.3	46.9	
164	36.2	27.8	41.8	

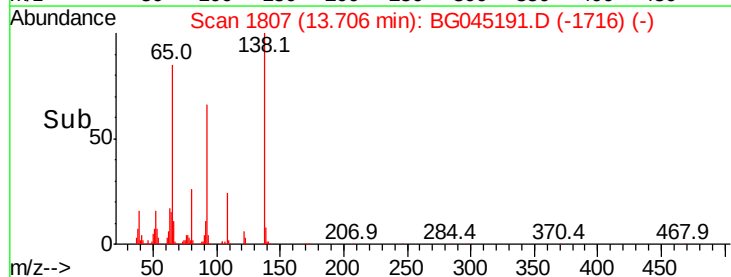
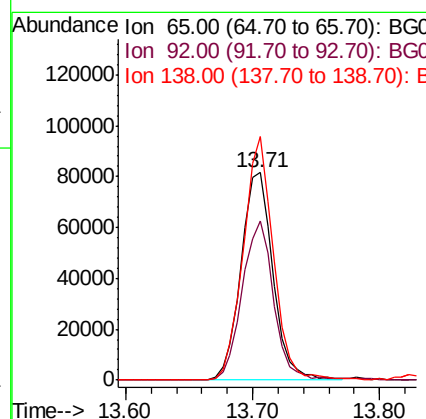
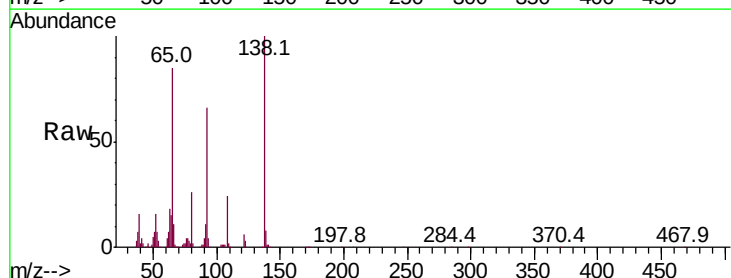
Manual Integrations
APPROVED

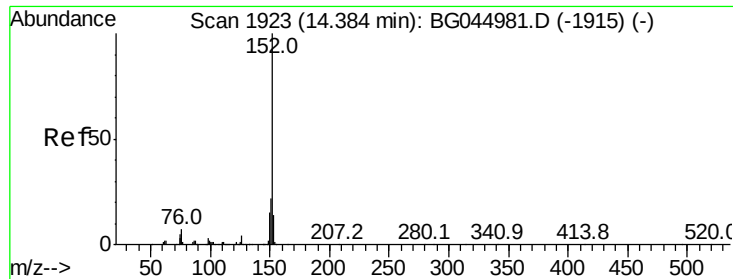
mohammad
4/30/2020 12:04:42 AM



#48
2-Nitroaniline
Concen: 40.830 ng
RT: 13.71 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.8	58.3	87.5	
138	117.3	85.6	128.4	





#49

Acenaphthylene

Concen: 42.451 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

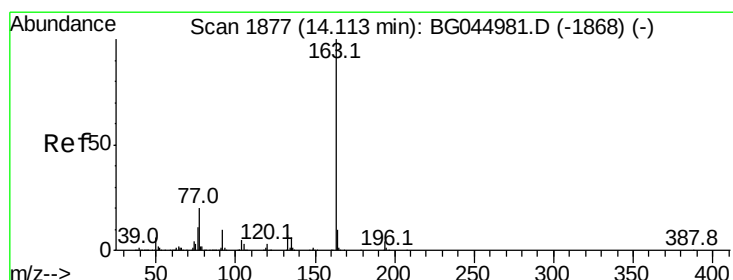
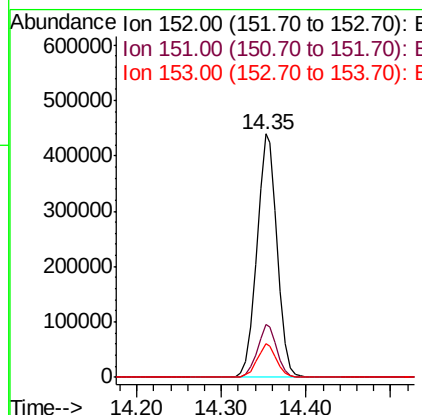
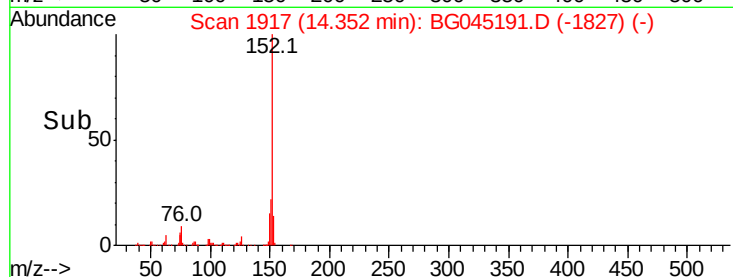
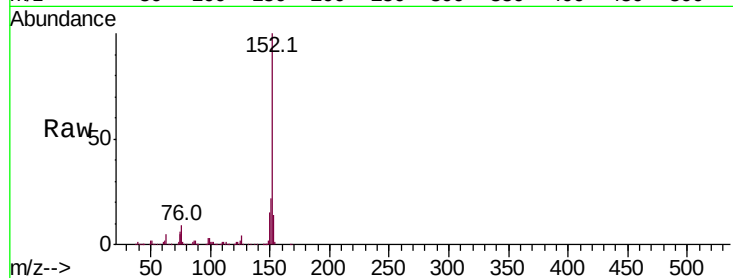
ClientSampleId :

PB128402BSD

Tot Ion:	152	Resp:	736314
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	14.0	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#50

Dimethylphthalate

Concen: 42.310 ng

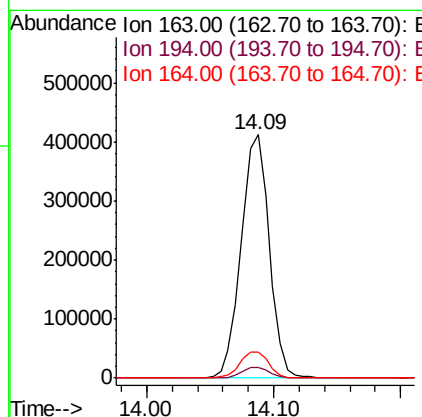
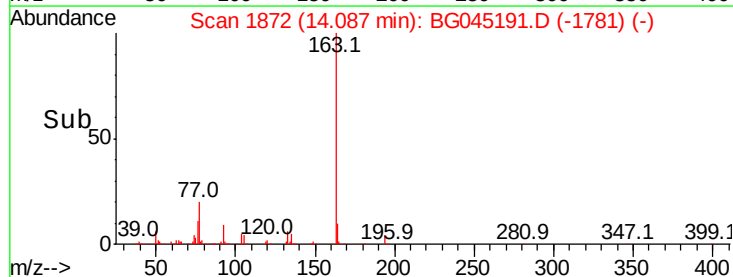
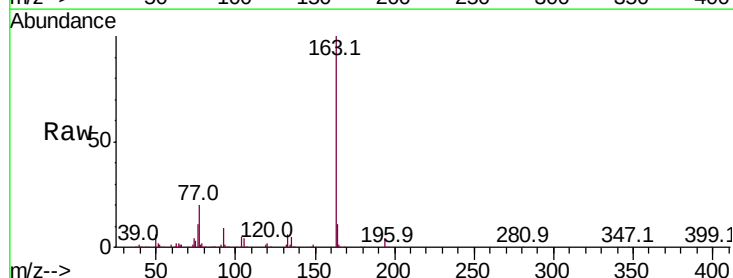
RT: 14.09 min Scan# 1872

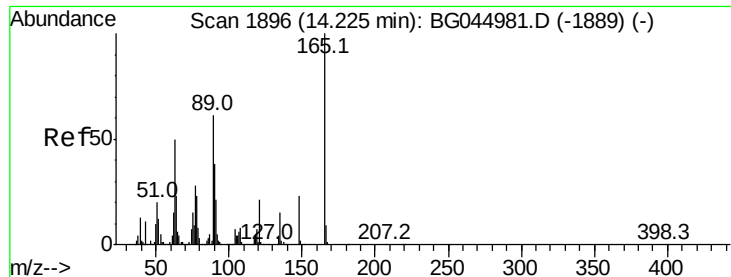
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	163	Resp:	631665
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.6	8.2	12.4





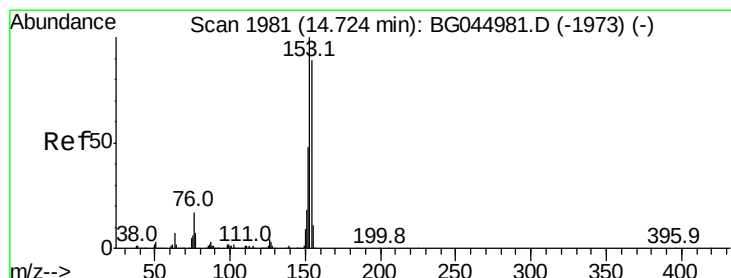
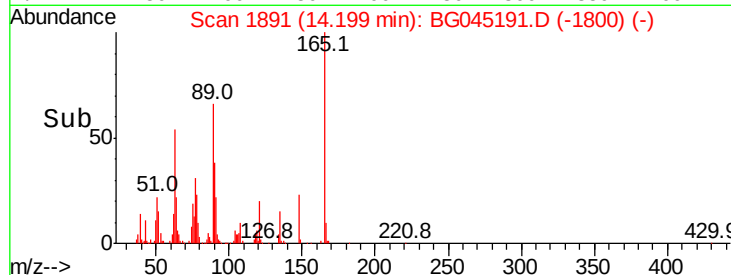
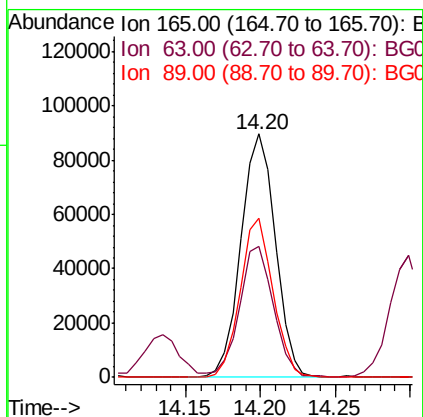
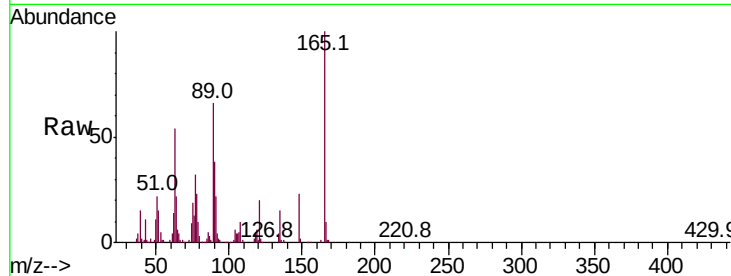
#51
2,6-Dinitrotoluene
Concen: 42.954 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	143435		
63	53.7		40.4	60.6
89	65.6		49.1	73.7

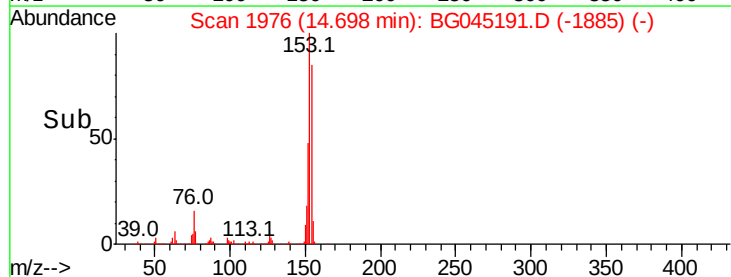
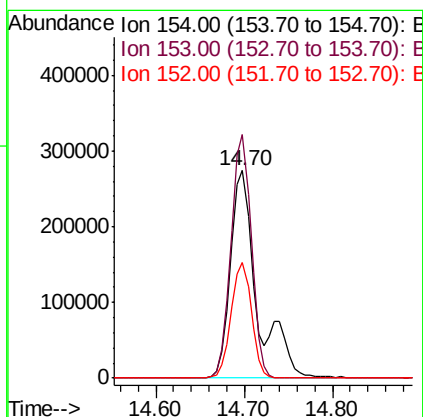
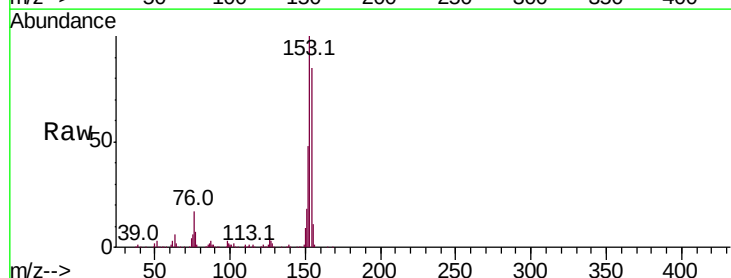
Manual Integrations
APPROVED

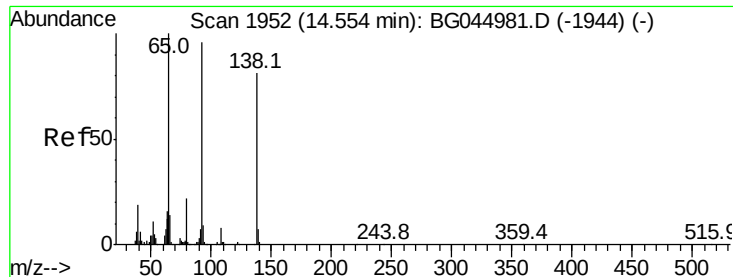
mohammad
4/30/2020 12:04:42 AM



#52
Acenaphthene
Concen: 48.028 ng m
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	563642		
153	117.3		89.7	134.5
152	55.9		43.1	64.7





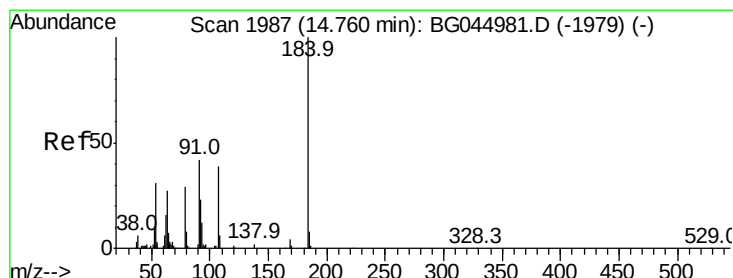
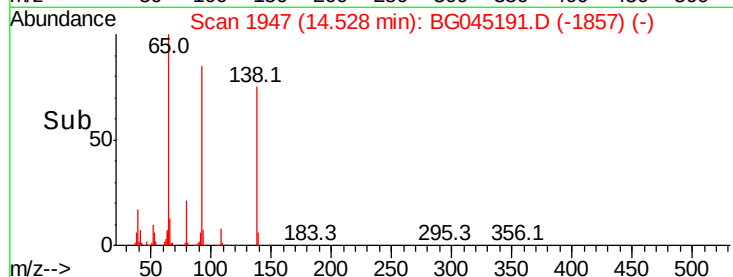
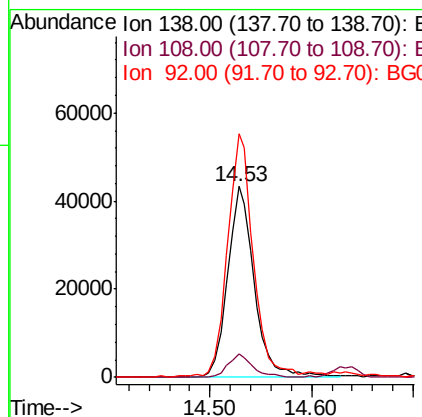
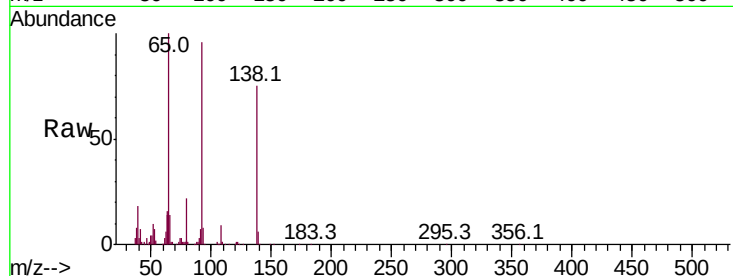
#53
3-Nitroaniline
Concen: 21.522 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	7.8	11.8#
92	127.8	94.5	141.7

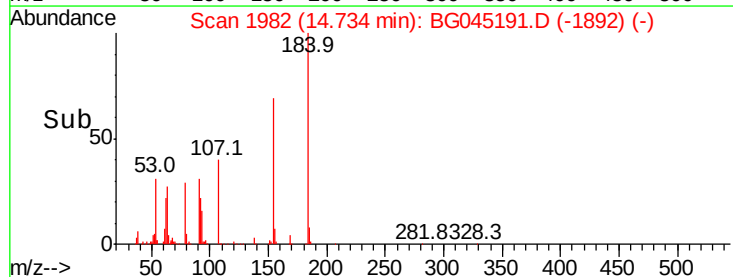
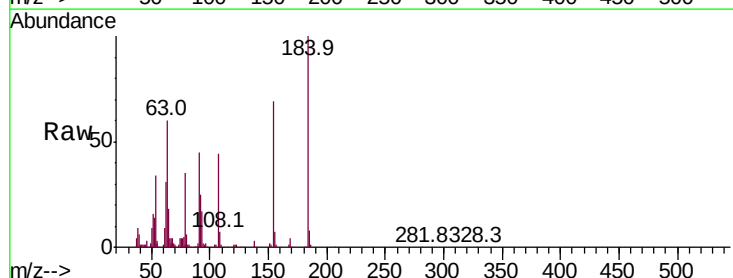
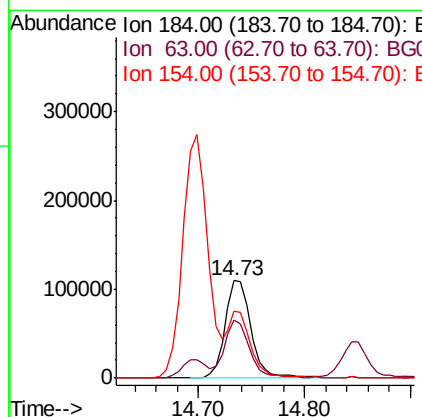
Manual Integrations
APPROVED

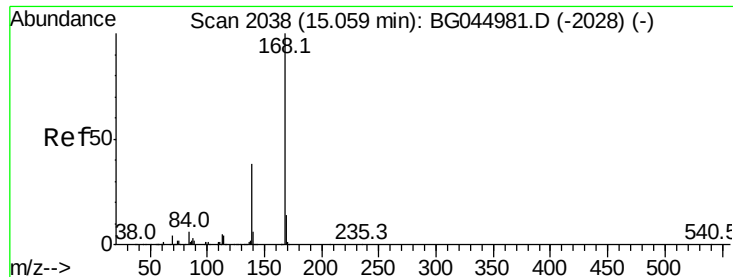
mohammad
4/30/2020 12:04:42 AM



#54
2,4-Dinitrophenol
Concen: 94.570 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	41.5	62.3
154	69.2	52.3	78.5





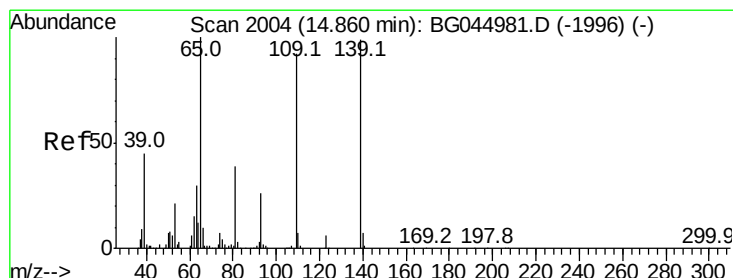
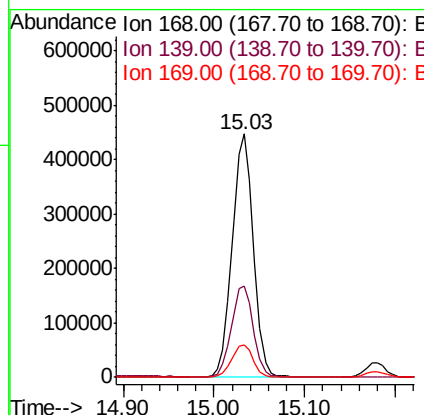
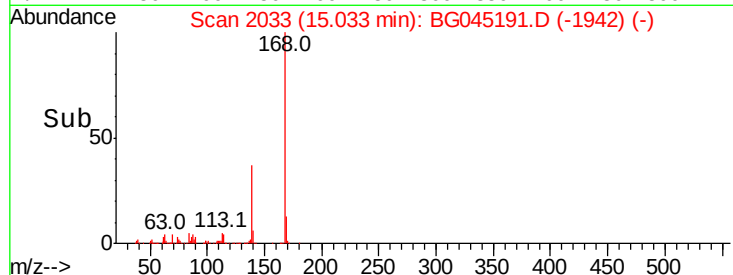
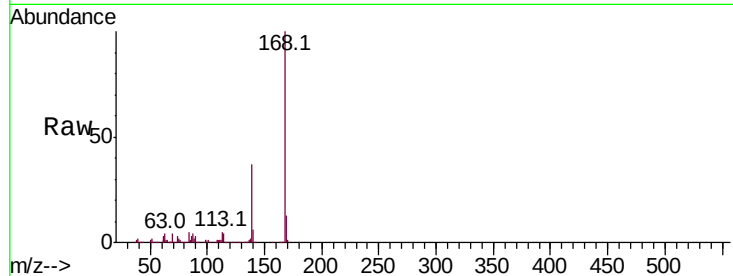
#55
Dibenzenofuran
Concen: 42.612 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.4	45.6
169	13.3	11.0	16.4

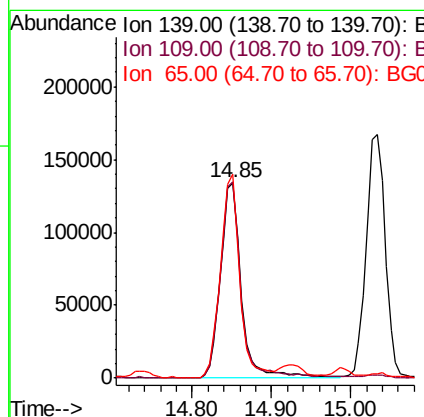
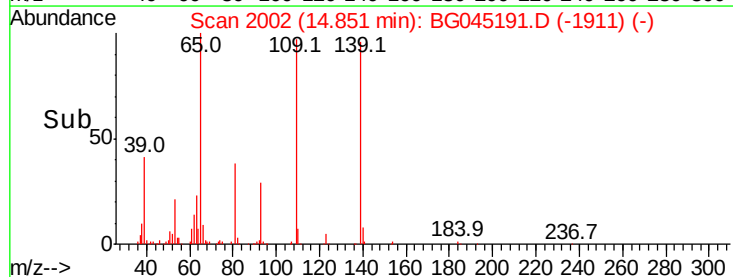
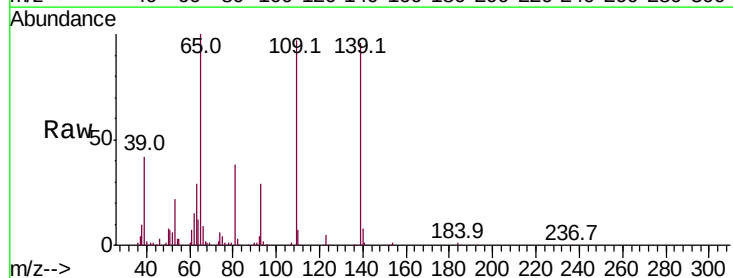
Manual Integrations
APPROVED

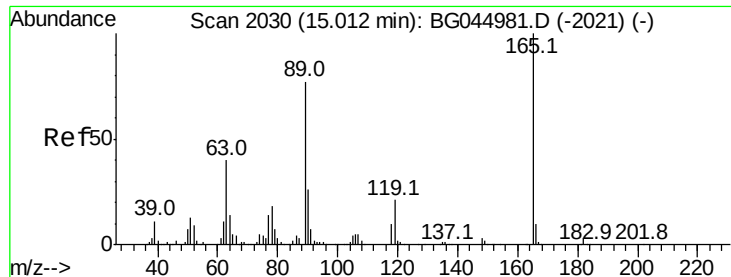
mohammad
4/30/2020 12:04:42 AM



#56
4-Nitrophenol
Concen: 85.906 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	73.6	113.6
65	104.1	81.2	121.2





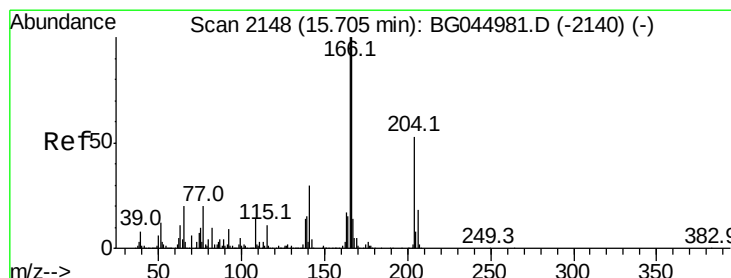
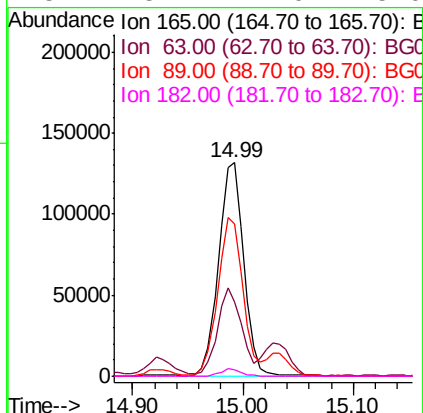
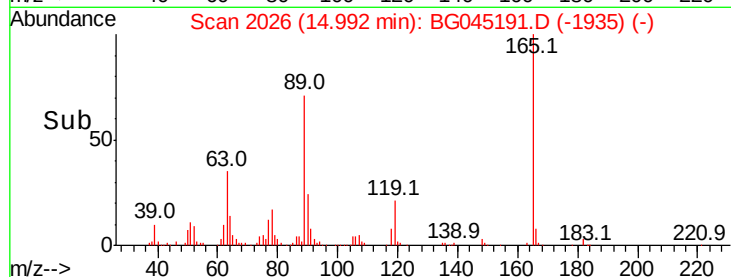
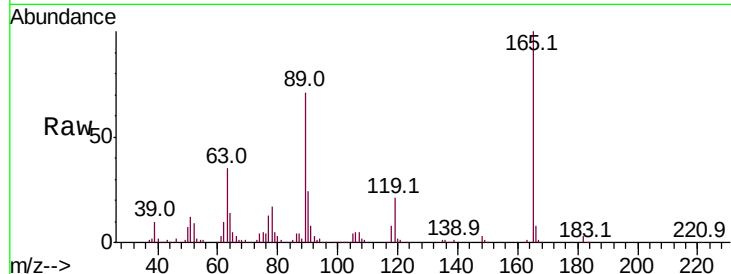
#57
 2,4-Dinitrotoluene
 Concen: 43.067 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	210166		
63	34.7	32.2	48.2	
89	71.3	61.7	92.5	
182	3.2	2.0	3.0	

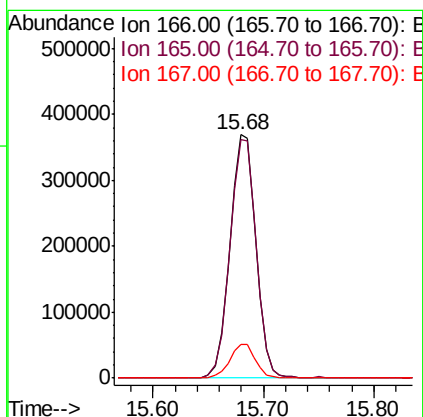
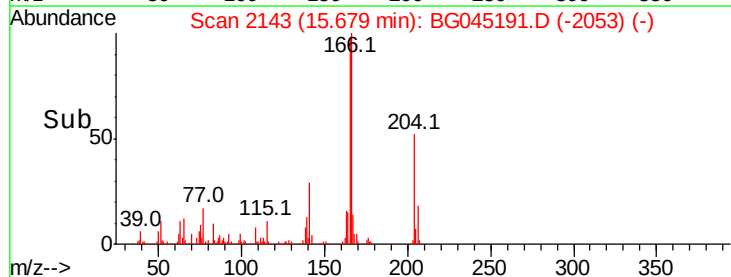
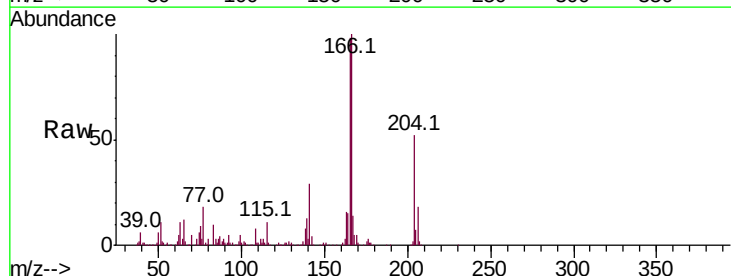
Manual Integrations
 APPROVED

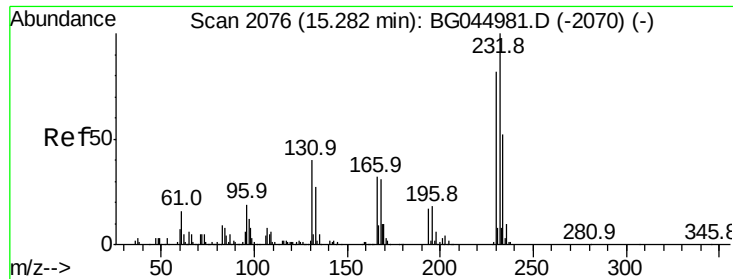
mohammad
 4/30/2020 12:04:42 AM



#58
 Fluorene
 Concen: 43.555 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	608698		
165	97.9	79.9	119.9	
167	14.1	11.4	17.0	





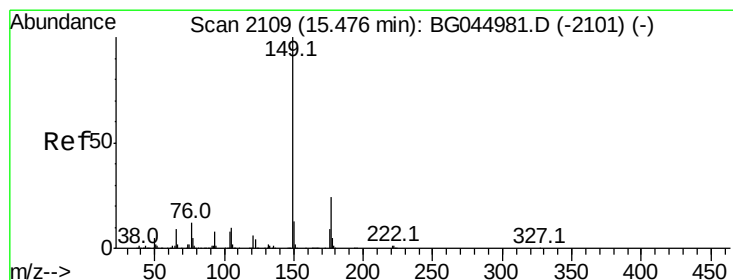
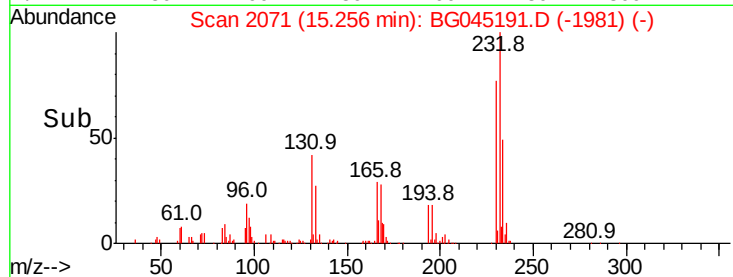
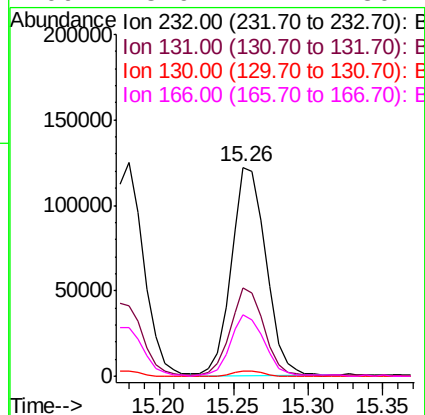
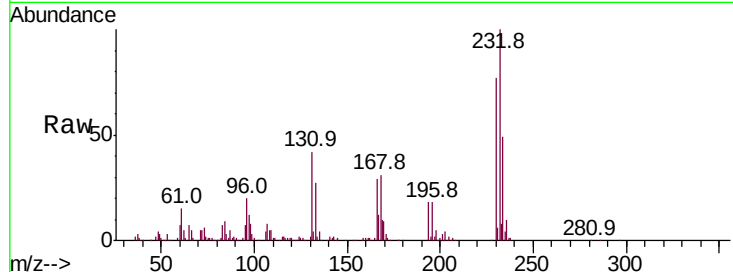
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.738 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.8	32.2	48.2
130	2.2	2.2	3.2
166	28.9	24.2	36.4

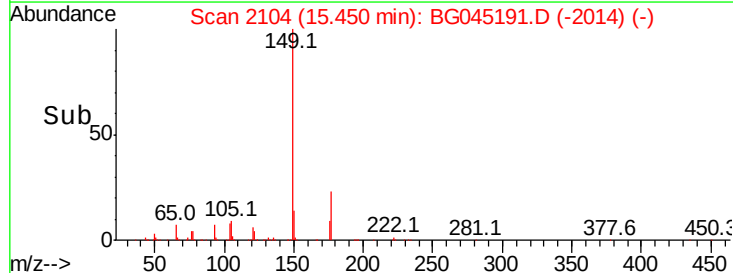
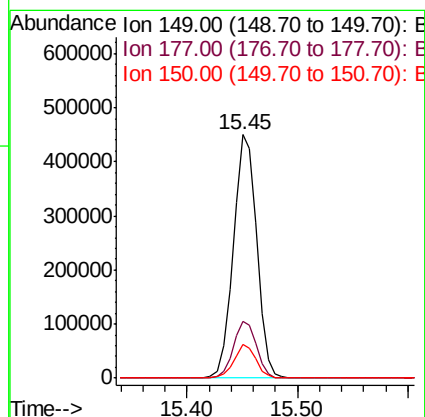
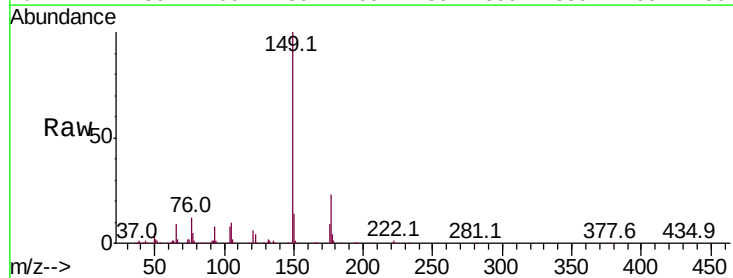
Manual Integrations
 APPROVED

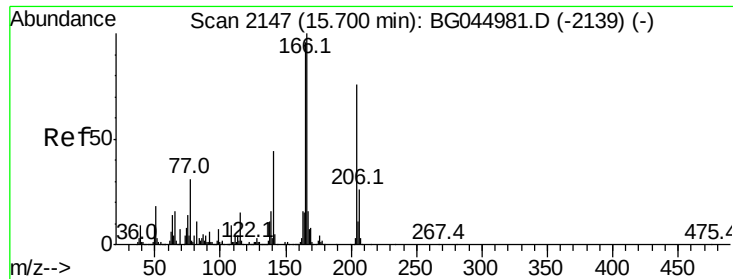
mohammad
 4/30/2020 12:04:42 AM



#60
 Diethylphthalate
 Concen: 42.928 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.1	18.9	28.3
150	14.0	10.6	15.8





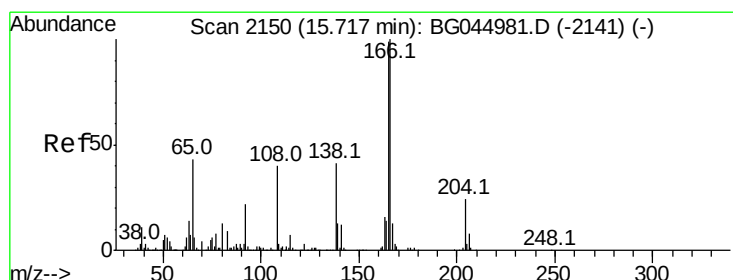
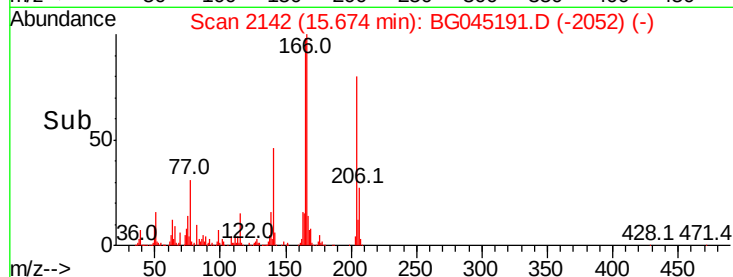
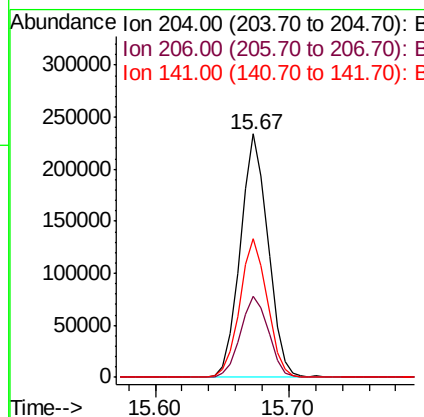
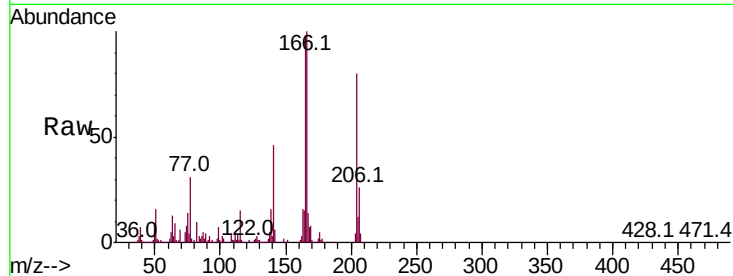
#61
4-Chlorophenyl-phenylether
Concen: 41.745 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.9	40.3	
141	57.1	46.3	69.5	

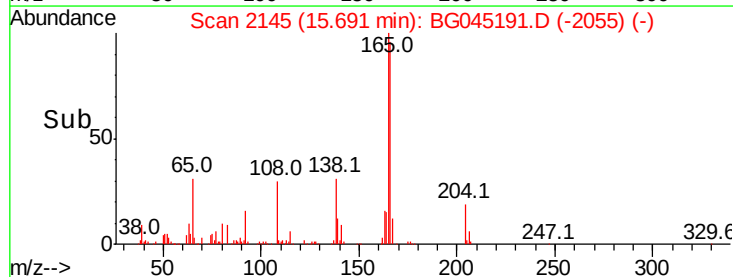
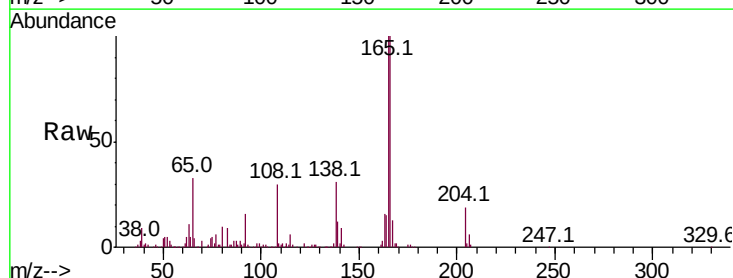
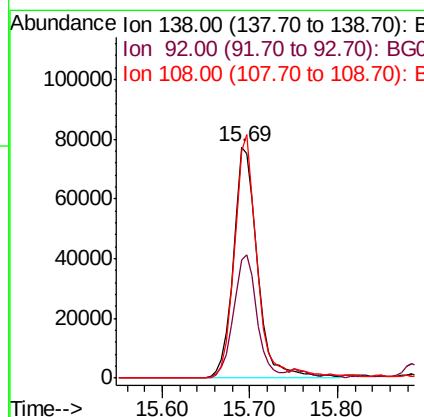
Manual Integrations
APPROVED

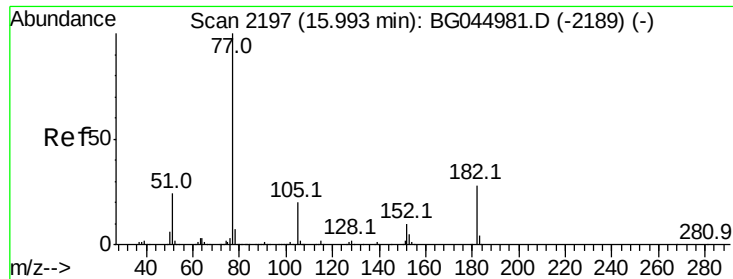
mohammad
4/30/2020 12:04:42 AM



#62
4-Nitroaniline
Concen: 38.211 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.0	33.6	73.6	
108	98.4	78.2	118.2	





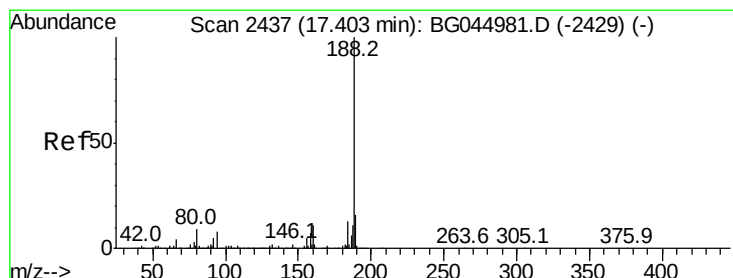
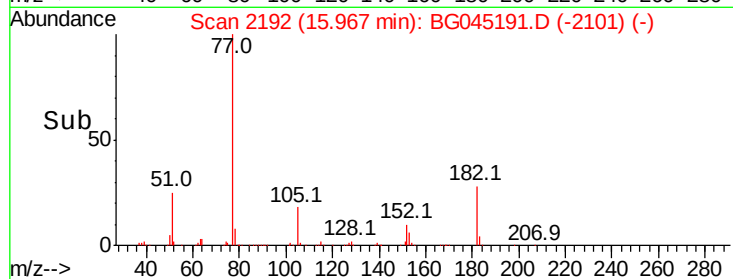
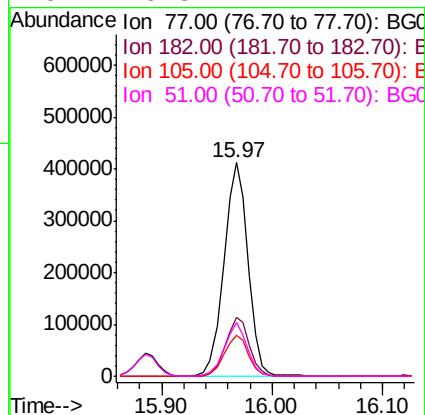
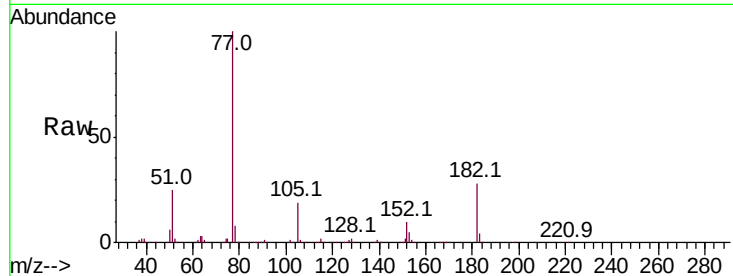
#63
Azobenzene
Concen: 43.175 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.4	48.4
105	19.4	0.5	40.5
51	25.3	4.4	44.4

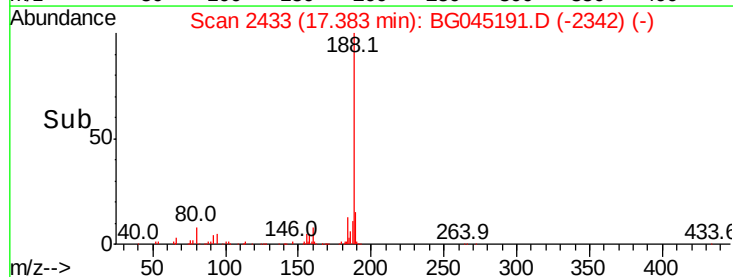
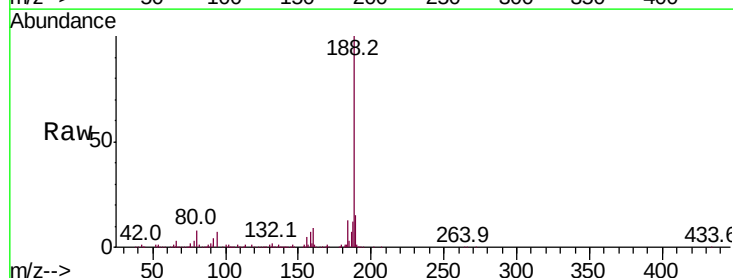
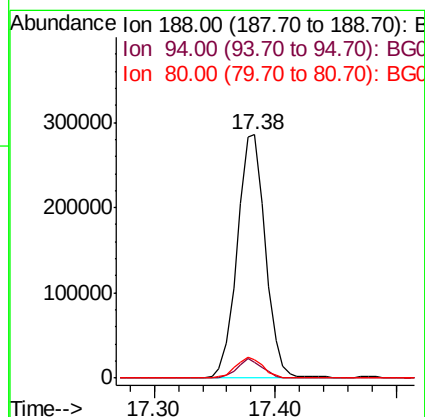
Manual Integrations
APPROVED

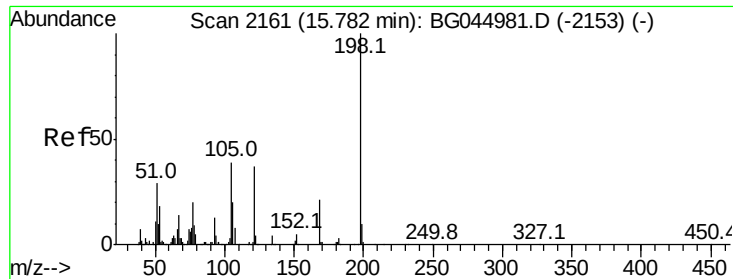
mohammad
4/30/2020 12:04:42 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	7.8	7.0	10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 44.936 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

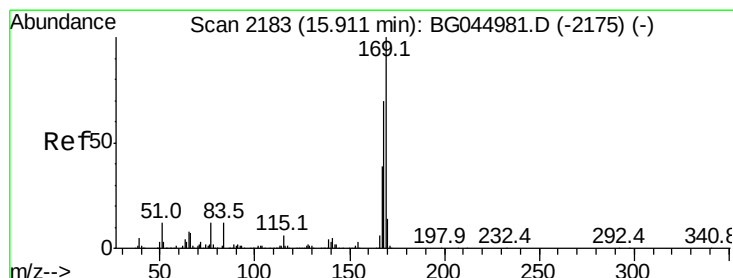
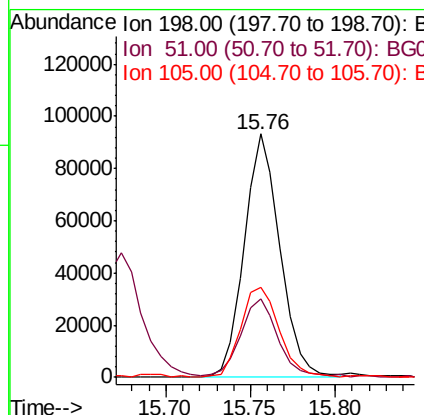
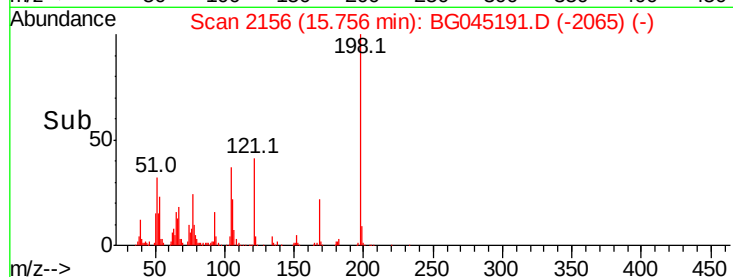
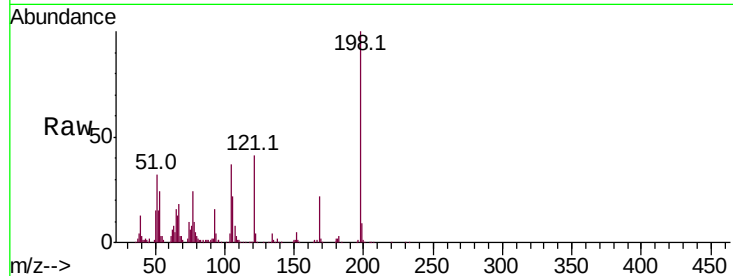
ClientSampleId :

PB128402BSD

Tot Ion:	198	Resp:	137359
Ion Ratio	Lower	Upper	
198	100		
51	32.5	10.0	50.0
105	36.8	18.9	58.9

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#66

n-Nitrosodiphenylamine

Concen: 41.435 ng

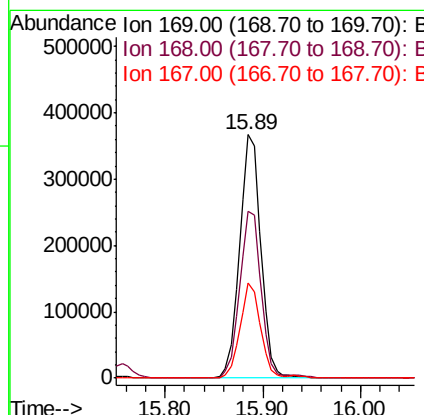
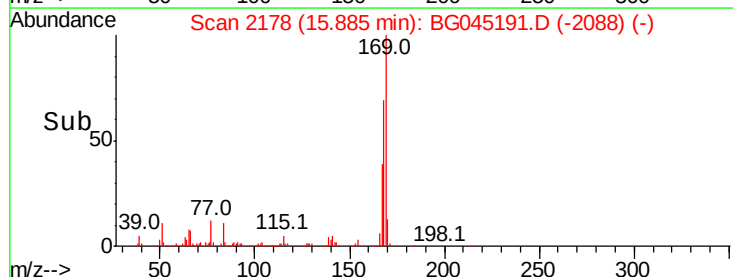
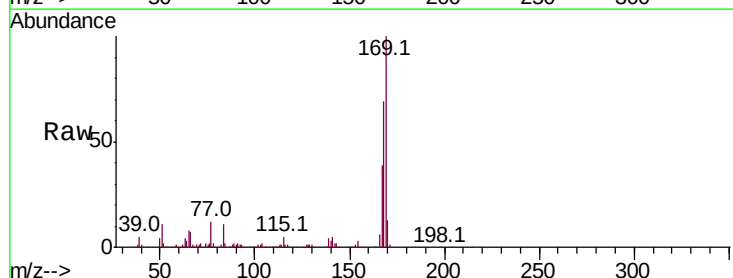
RT: 15.89 min Scan# 2178

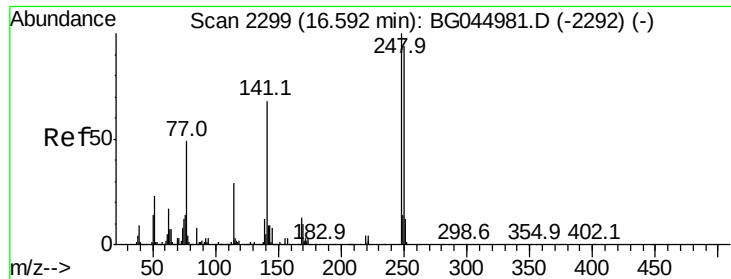
Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	169	Resp:	553647
Ion Ratio	Lower	Upper	
169	100		
168	68.7	55.8	83.8
167	38.9	30.8	46.2





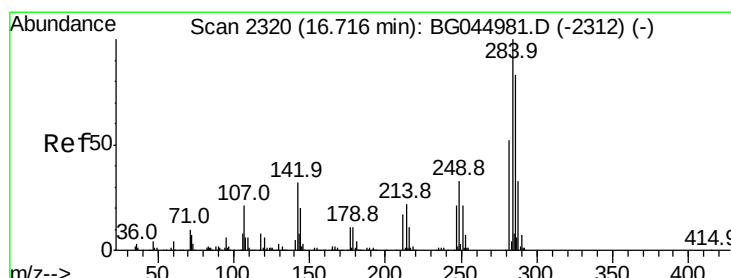
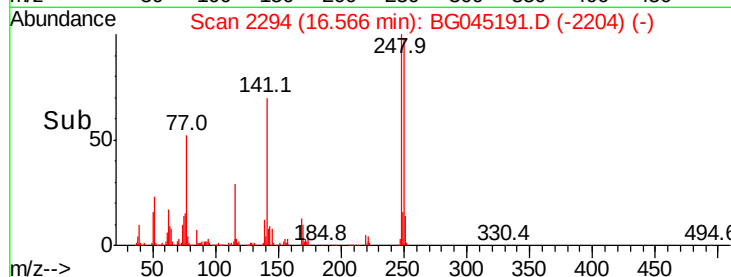
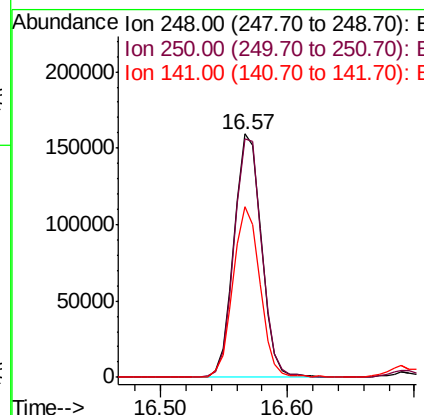
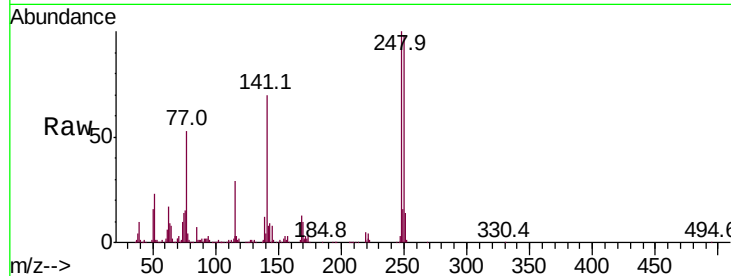
#67
4-Bromophenyl-phenylether
Concen: 39.515 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.4	113.2
141	70.0	54.4	81.6

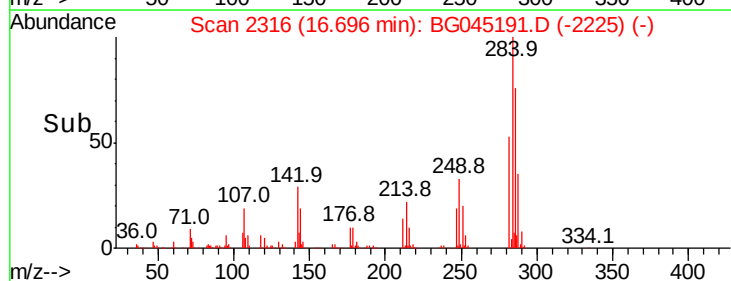
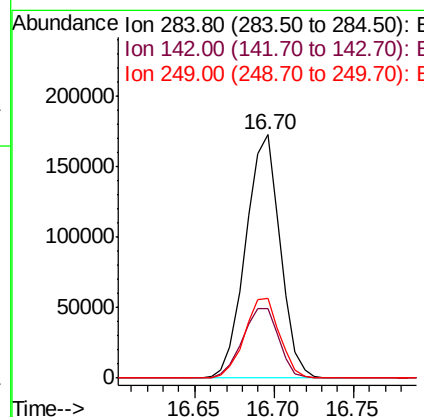
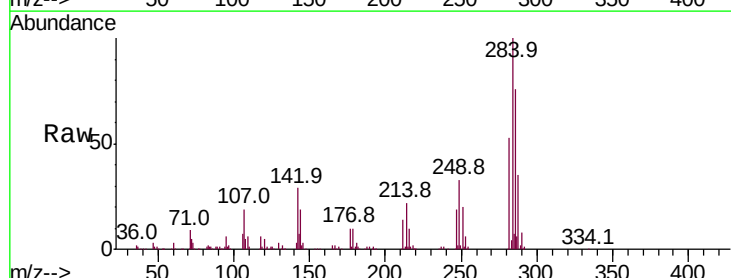
Manual Integrations
APPROVED

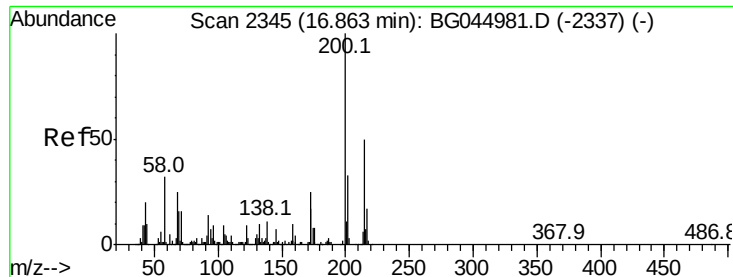
mohammad
4/30/2020 12:04:42 AM



#68
Hexachlorobenzene
Concen: 41.825 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	33.0	26.6	39.8





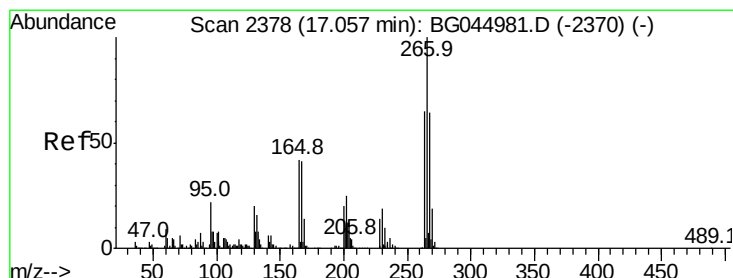
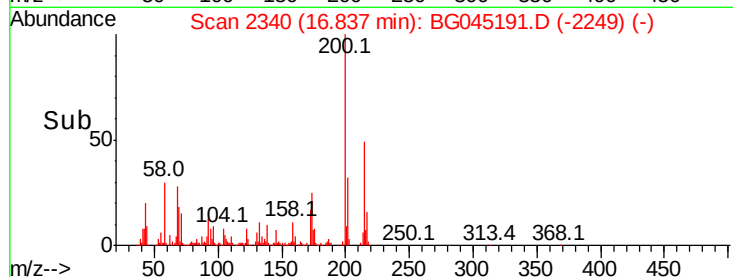
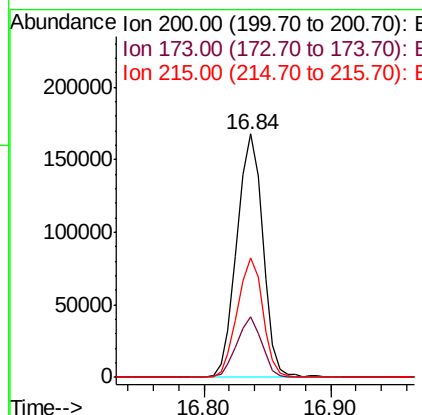
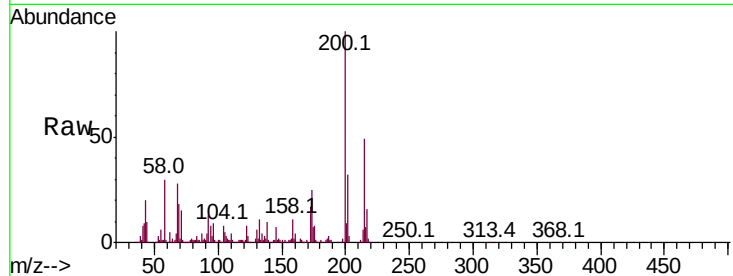
#69
Atrazine
Concen: 49.142 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	237350		
173	24.6	4.5	44.5	
215	48.9	30.0	70.0	

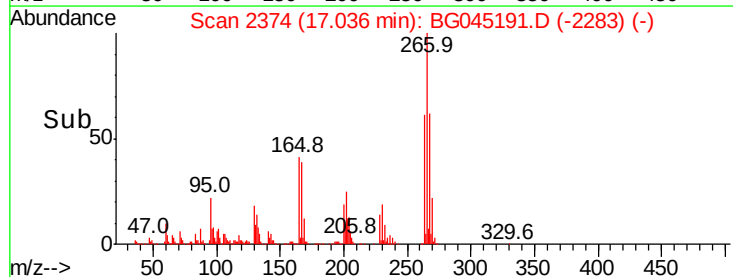
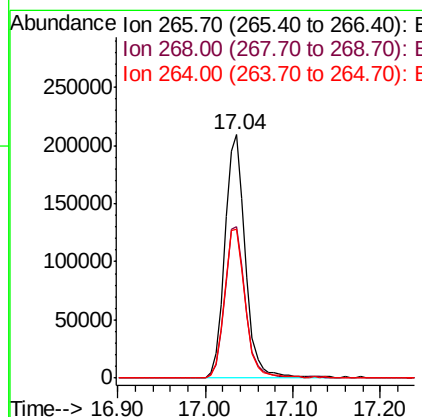
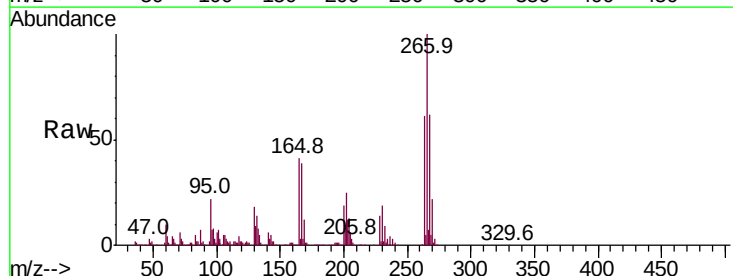
Manual Integrations
APPROVED

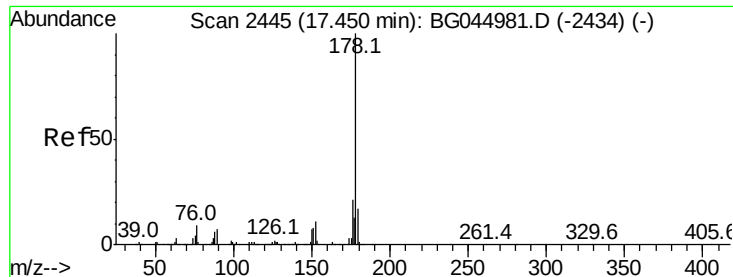
mohammad
4/30/2020 12:04:42 AM



#70
Pentachlorophenol
Concen: 88.900 ng
RT: 17.04 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	339337		
268	62.2	51.5	77.3	
264	61.2	52.2	78.4	





#71

Phenanthrene

Concen: 42.956 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:178 Resp: 1026539

Ion Ratio Lower Upper

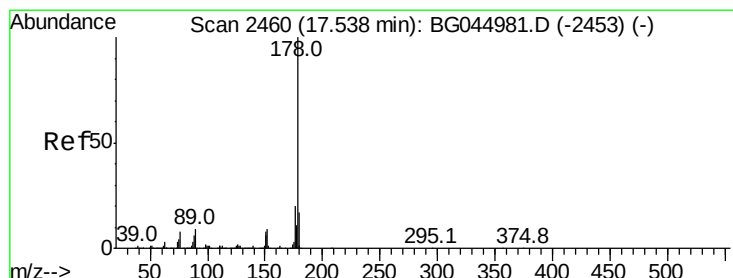
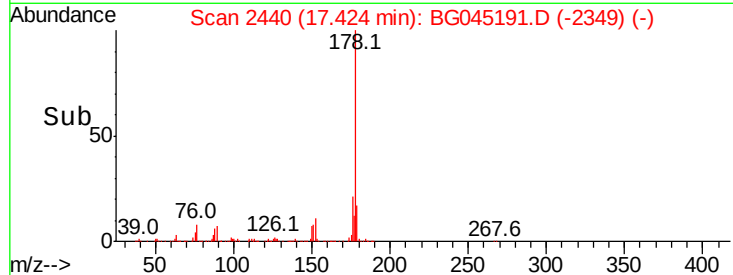
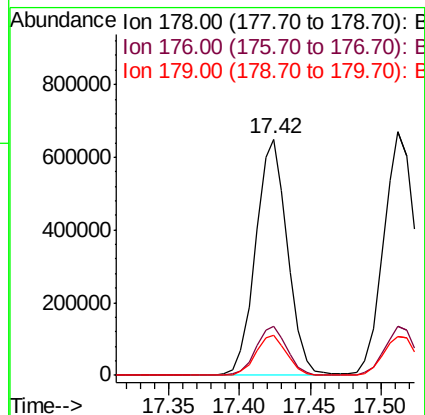
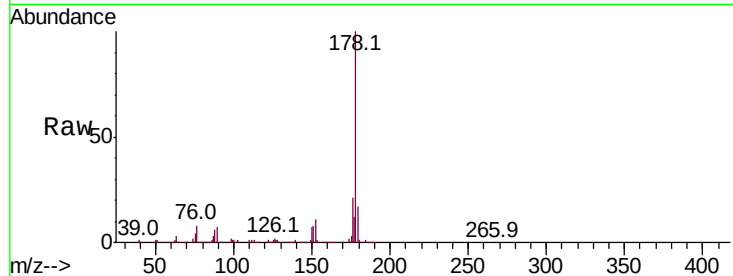
178 100

176 20.8 16.8 25.2

179 16.7 13.2 19.8

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#72

Anthracene

Concen: 44.311 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

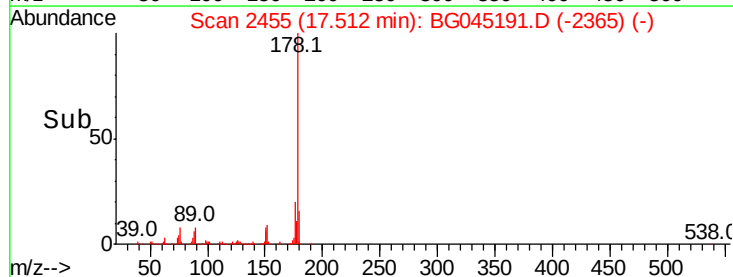
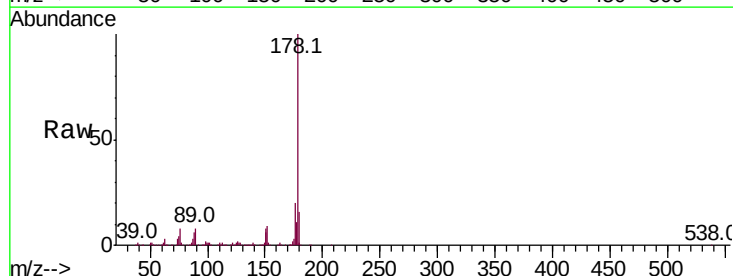
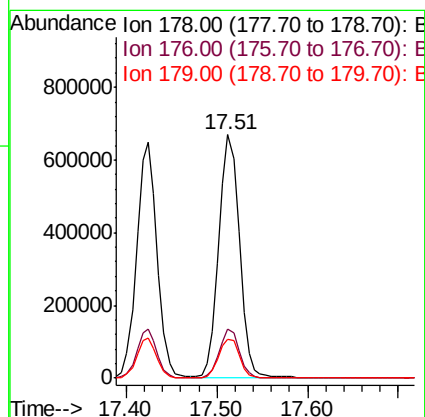
Tgt Ion:178 Resp: 1062206

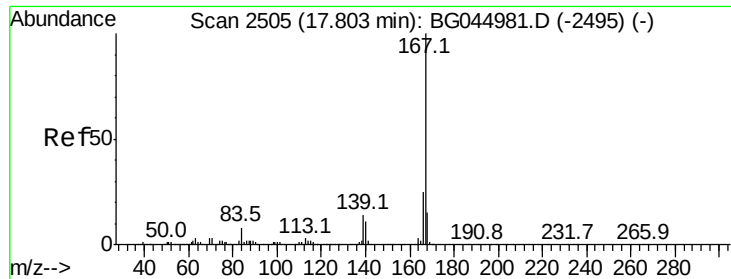
Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

179 16.1 13.6 20.4





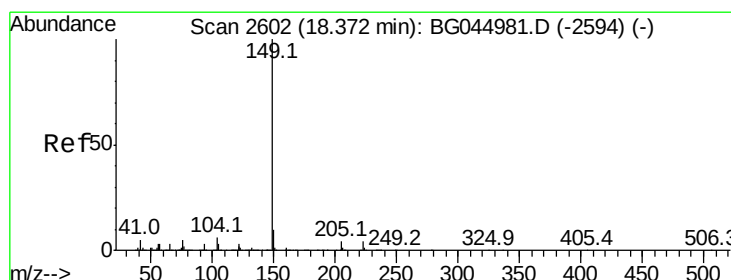
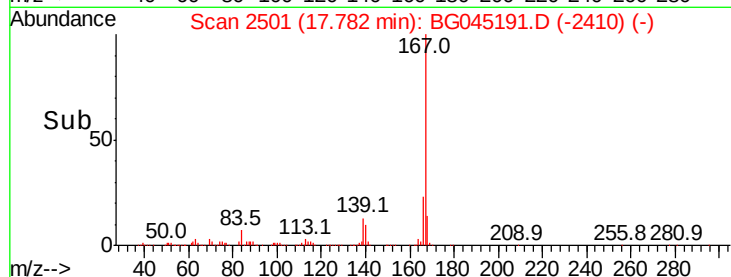
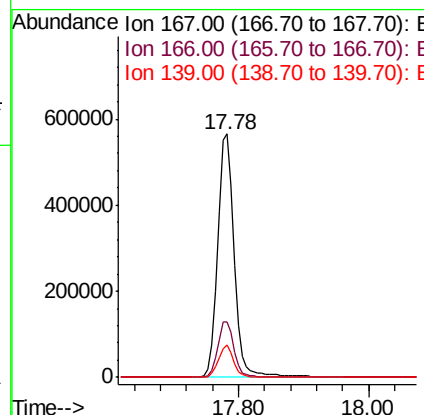
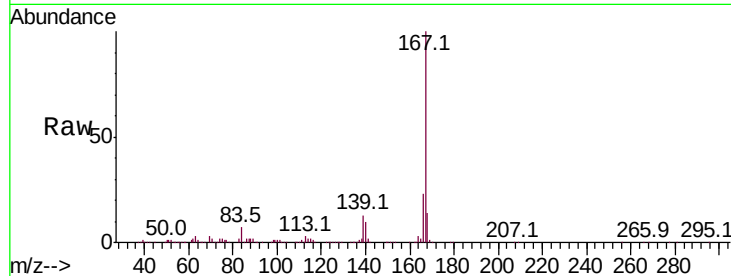
#73
 Carbazole
 Concen: 40.754 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	991411		
166	23.0		19.8	29.6
139	13.2		10.9	16.3

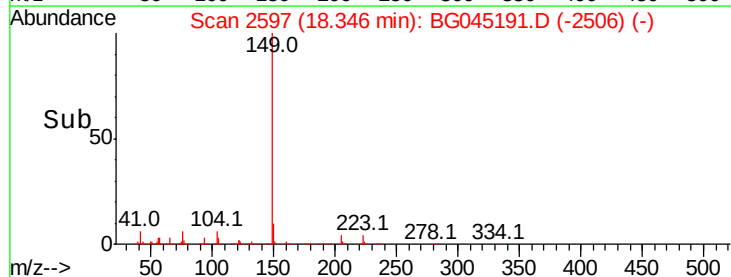
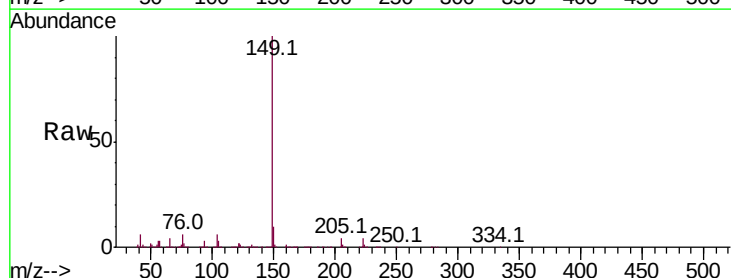
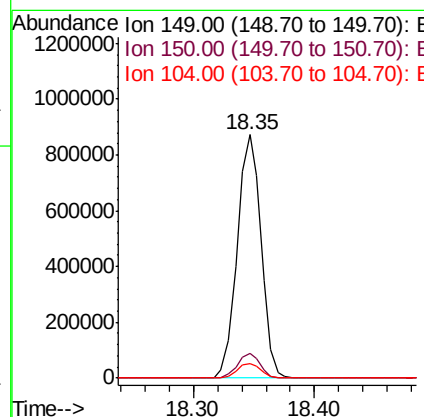
Manual Integrations
 APPROVED

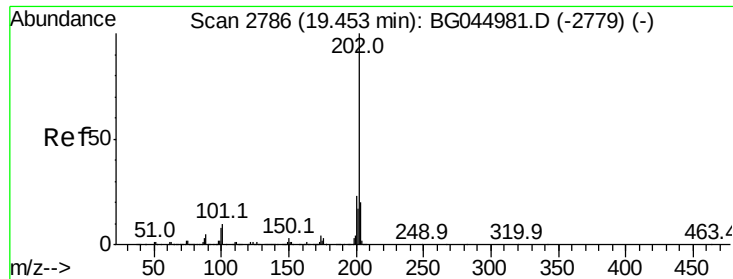
mohammad
 4/30/2020 12:04:42 AM



#74
 Di-n-butylphthalate
 Concen: 45.233 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1196968		
150	10.3		8.2	12.2
104	6.1		4.8	7.2





#75

Fluoranthene

Concen: 47.509 ng

RT: 19.43 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

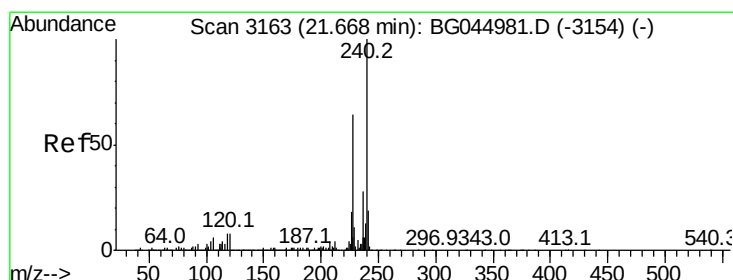
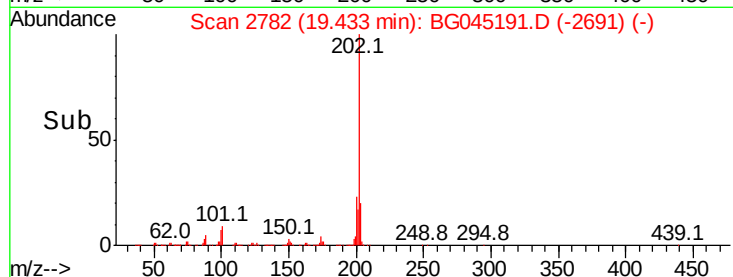
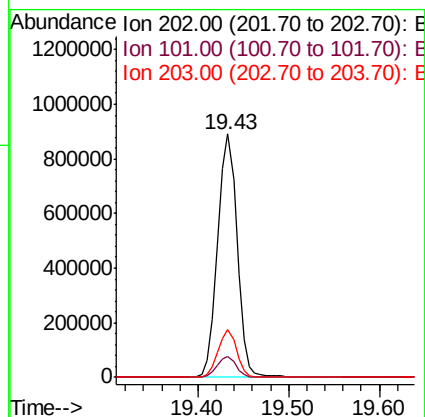
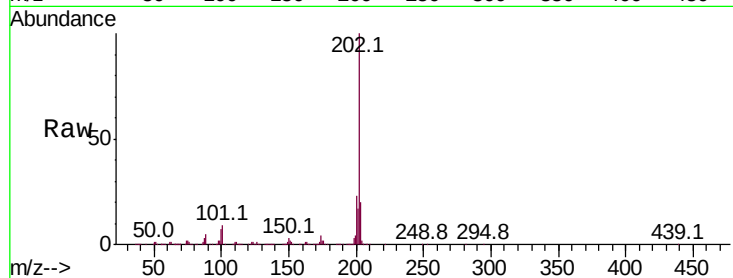
ClientSampleId :

PB128402BSD

Tot Ion:	202	Resp:	1324817
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	29.6
203	19.7	0.0	39.7

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#76

Chrysene-d12

Concen: 20.000 ng

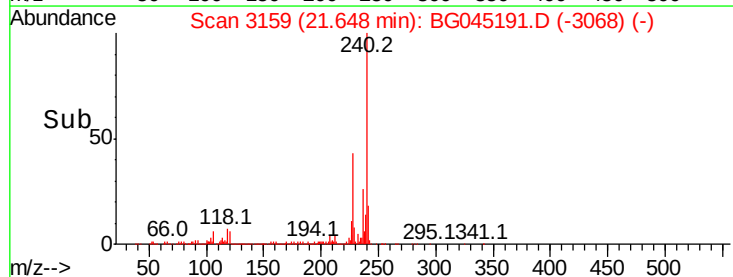
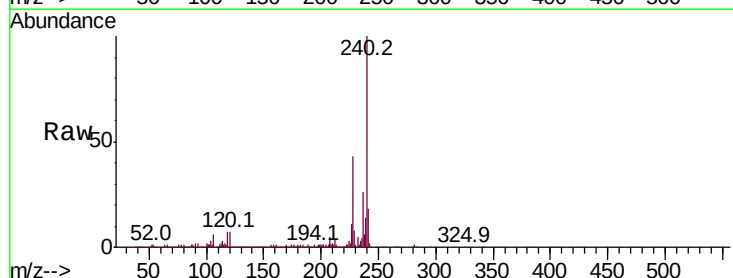
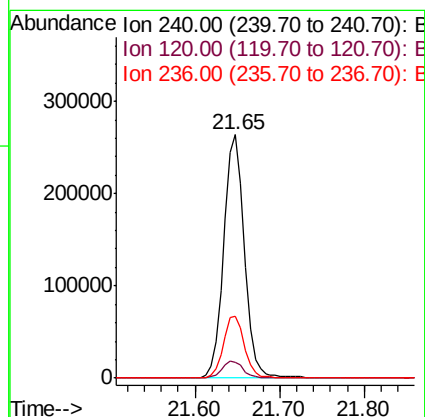
RT: 21.65 min Scan# 3159

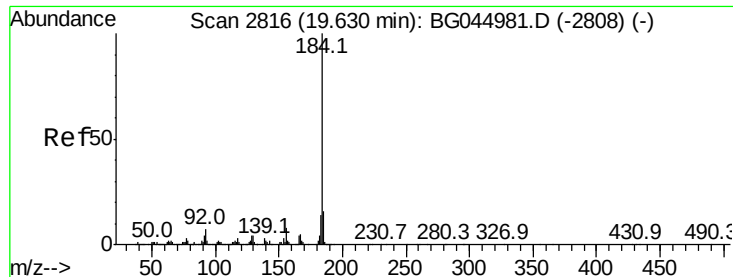
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	240	Resp:	448445
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.6	10.0#
236	25.5	22.2	33.2





#77

Benzidine

Concen: 38.998 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

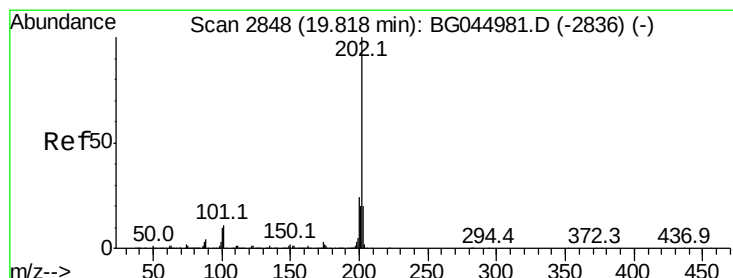
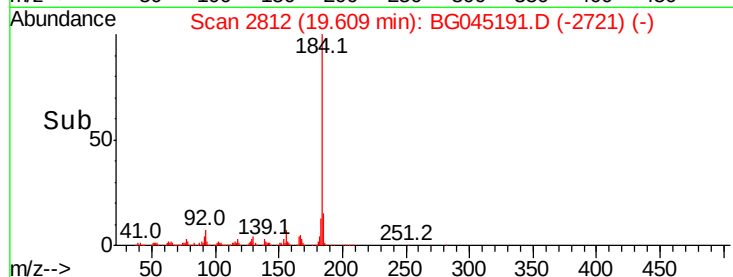
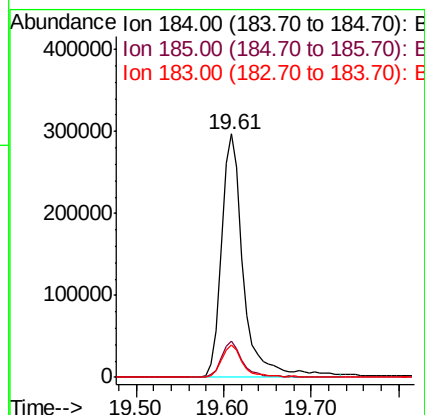
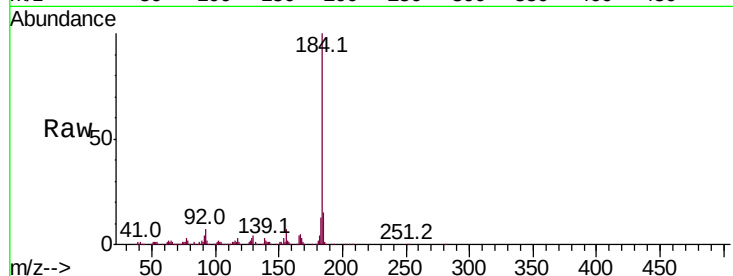
ClientSampleId :

PB128402BSD

Tot Ion:	184	Resp:	516848
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.2	11.3	16.9

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



#78

Pyrene

Concen: 42.207 ng

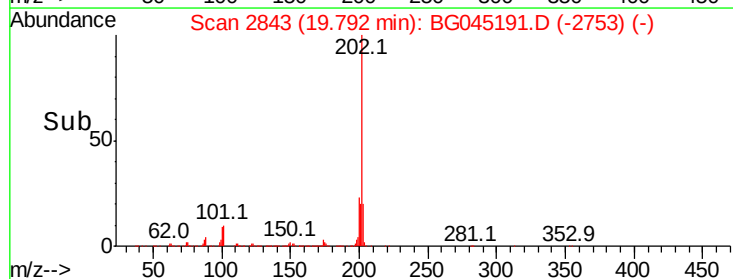
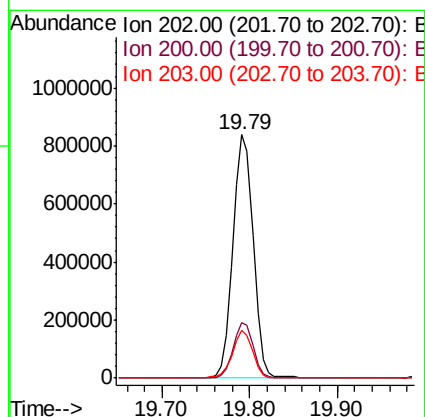
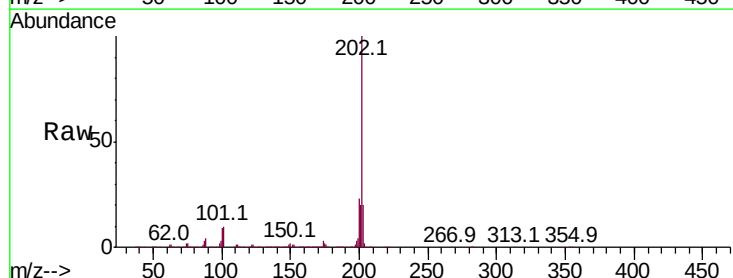
RT: 19.79 min Scan# 2843

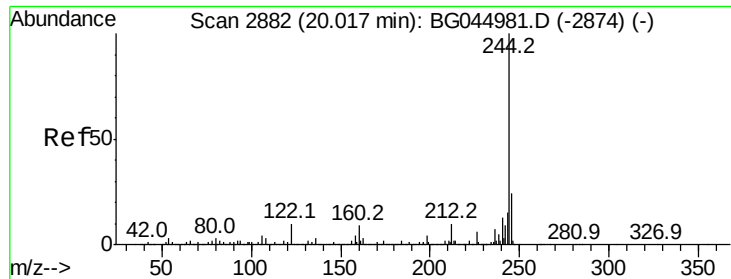
Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:	202	Resp:	1304863
Ion Ratio	Lower	Upper	
202	100		
200	22.8	19.0	28.6
203	19.8	16.1	24.1





#79

Terphenyl-d14

Concen: 93.967 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:244 Resp: 1933368

Ion Ratio Lower Upper

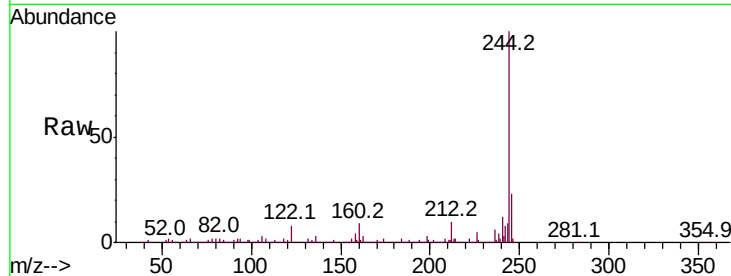
244 100

212 9.6 7.9 11.9

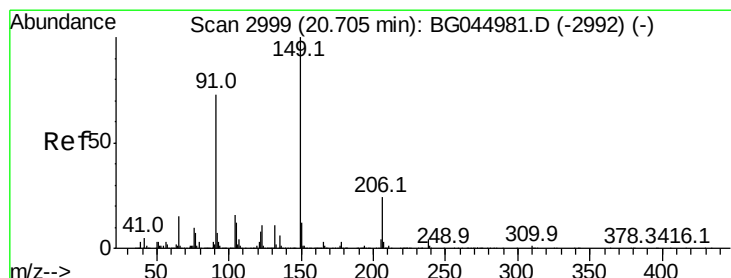
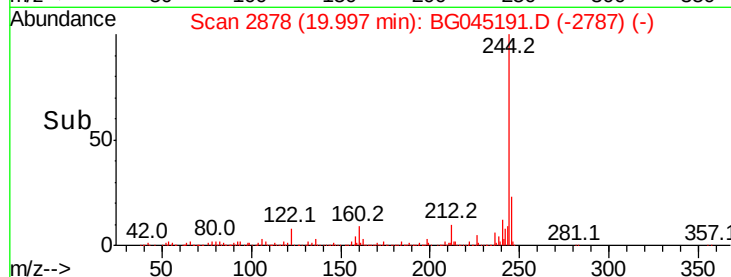
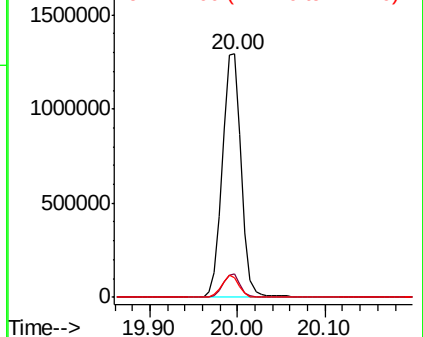
122 8.3 7.7 11.5

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:42 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.264 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

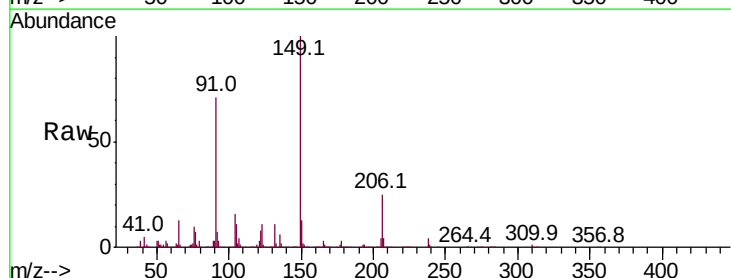
Tgt Ion:149 Resp: 528797

Ion Ratio Lower Upper

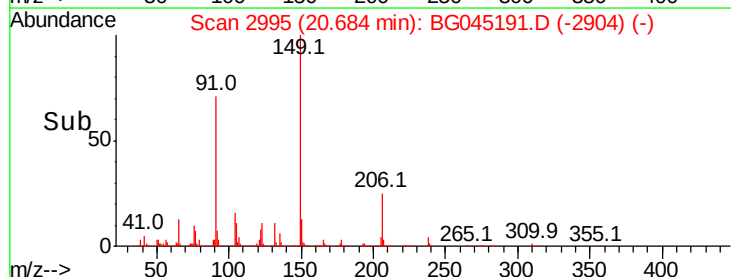
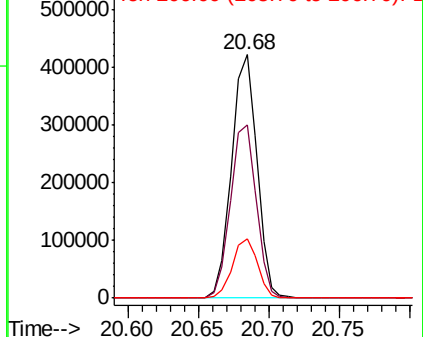
149 100

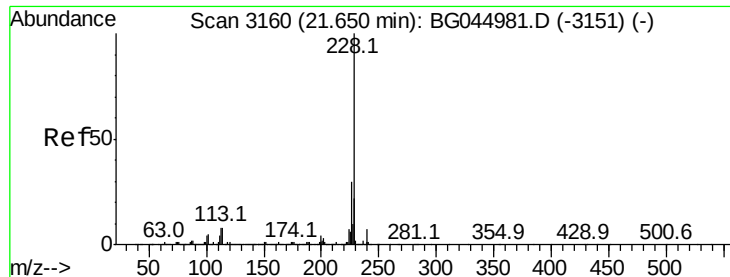
91 71.0 58.5 87.7

206 24.5 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.091 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:228 Resp: 1223396

Ion Ratio Lower Upper

228 100

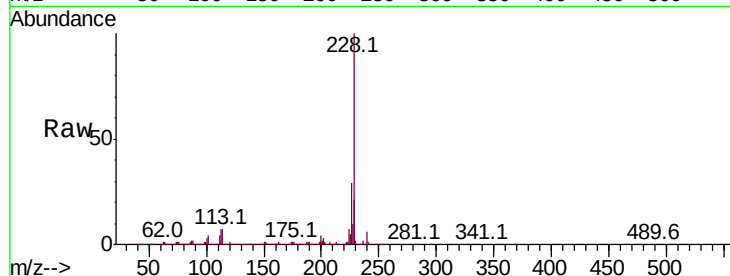
226 29.3 24.0 36.0

229 21.4 17.5 26.3

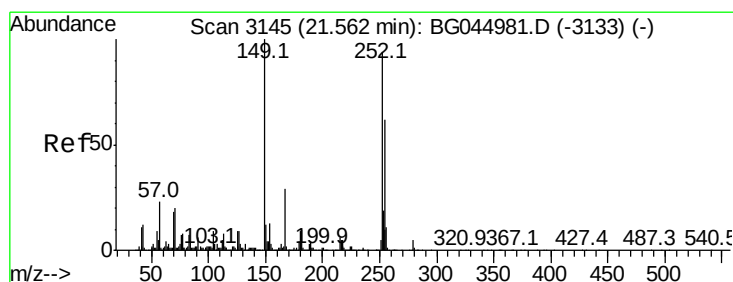
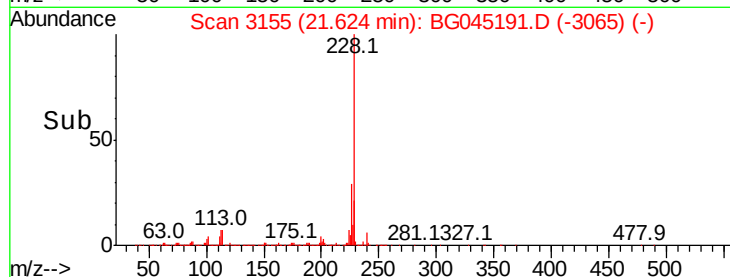
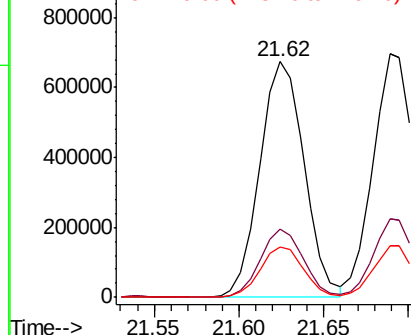
Manual Integrations
APPROVED

mohammad

4/30/2020 12:04:42 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 28.927 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

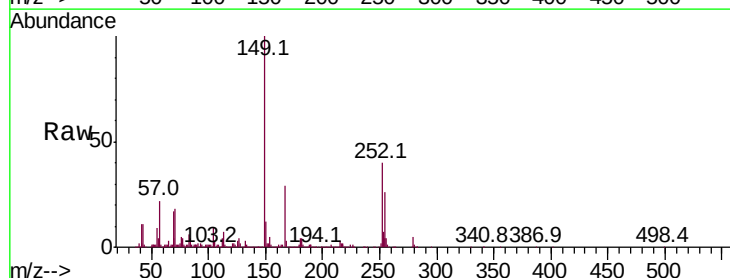
Tgt Ion:252 Resp: 334650

Ion Ratio Lower Upper

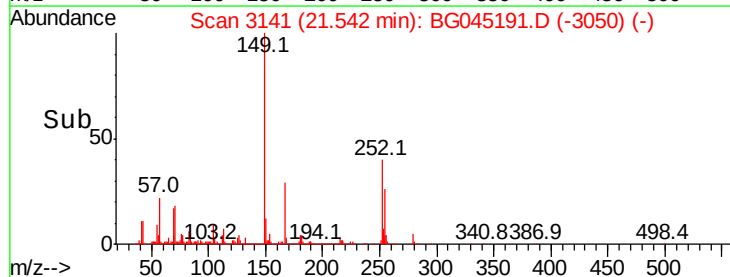
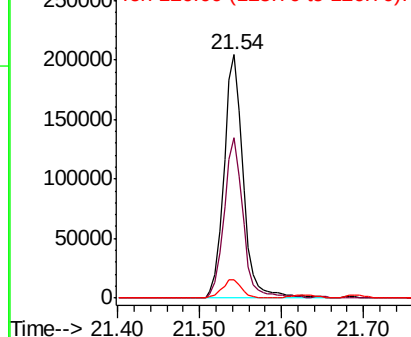
252 100

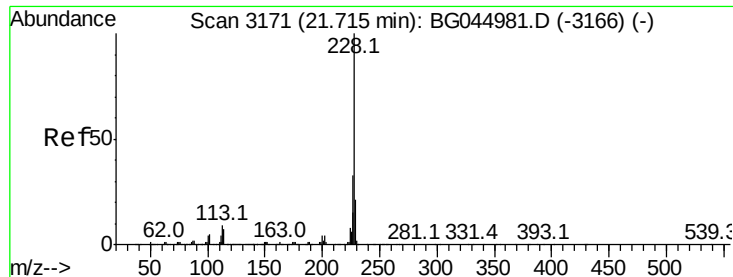
254 66.1 52.6 79.0

126 7.6 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





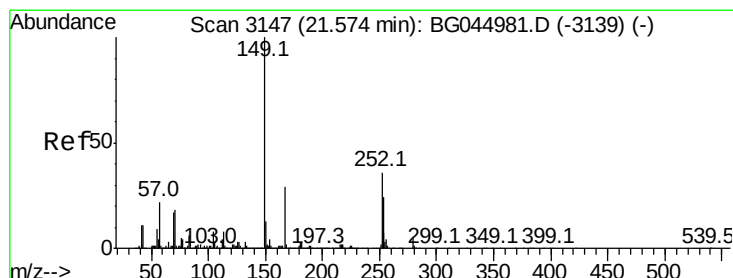
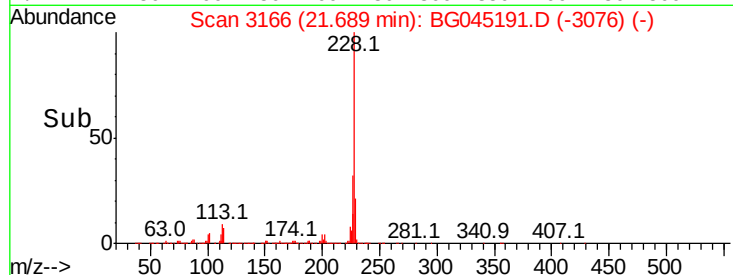
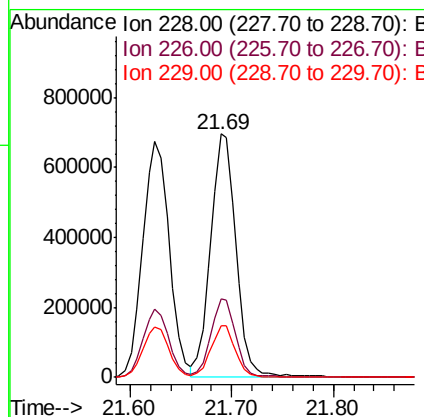
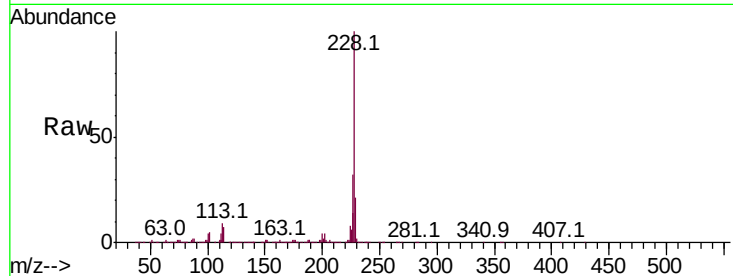
#83
 Chrysene
 Concen: 43.080 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion:	228	Resp:	1203089
Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	21.1	17.0	25.6

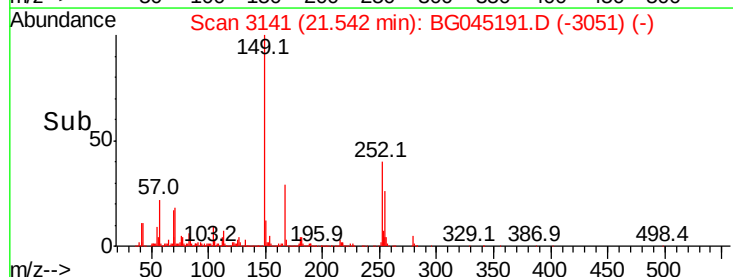
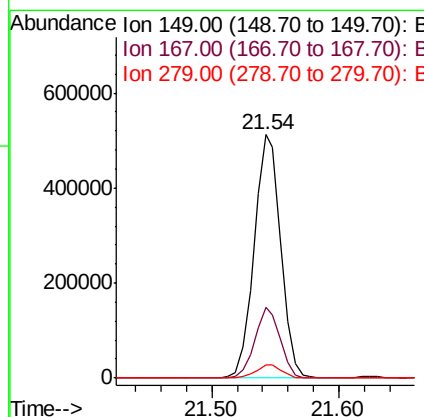
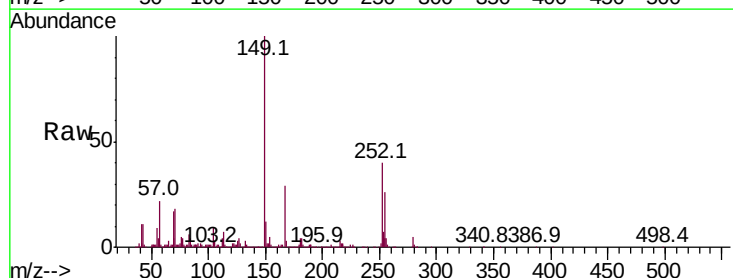
Manual Integrations
 APPROVED

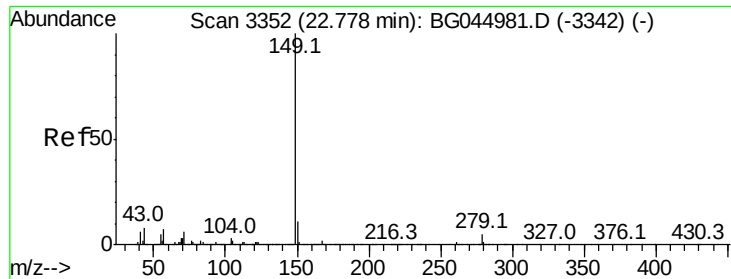
mohammad
 4/30/2020 12:04:42 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.258 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion:	149	Resp:	744795
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.826 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:149 Resp: 1274786

Ion Ratio Lower Upper

149 100

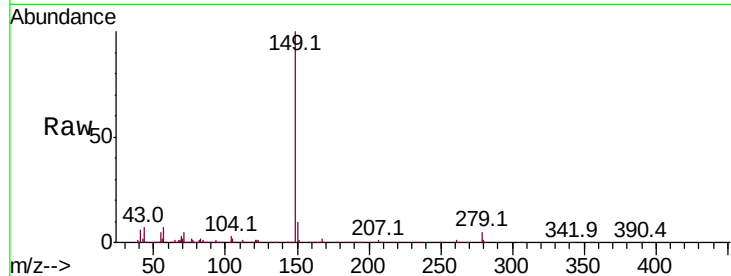
167 1.6 1.4 2.2

43 7.1 5.7 8.5

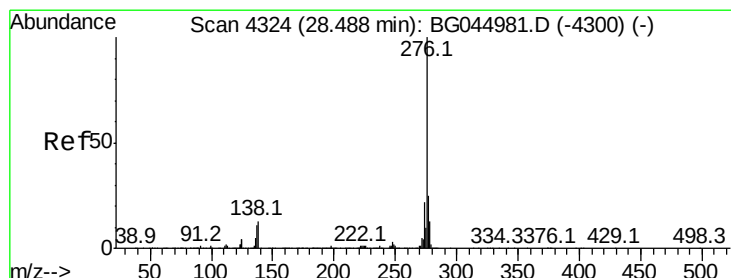
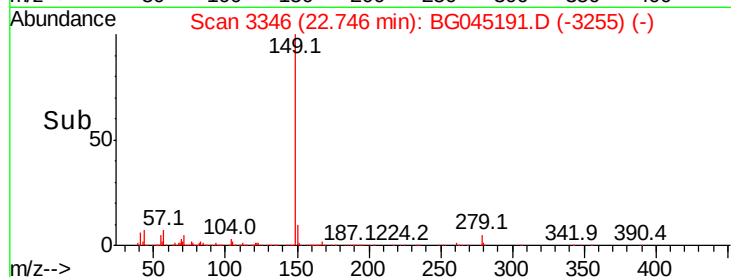
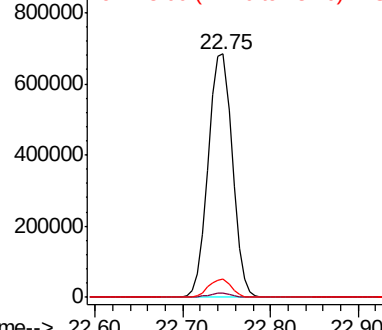
Manual Integrations
APPROVED

mohammad

4/30/2020 12:04:42 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.737 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

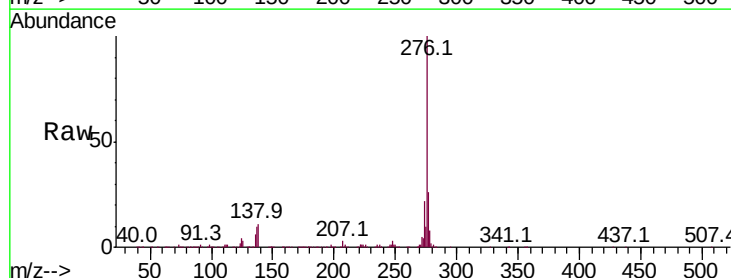
Tgt Ion:276 Resp: 1584583

Ion Ratio Lower Upper

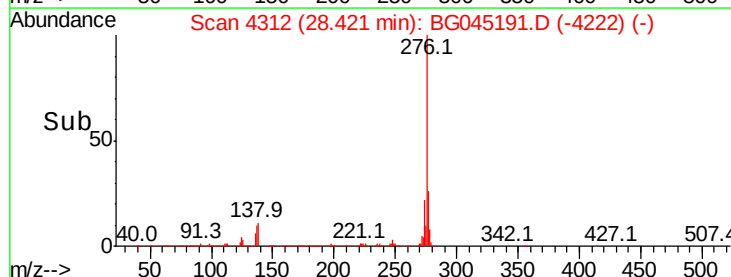
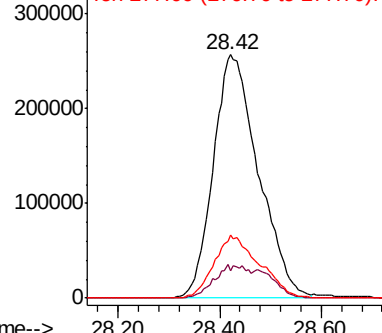
276 100

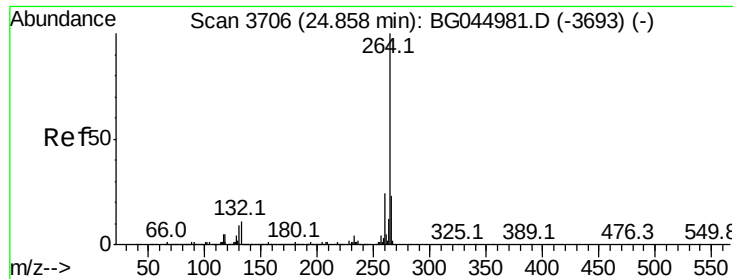
138 5.4 9.6 14.4#

277 26.2 20.6 31.0



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





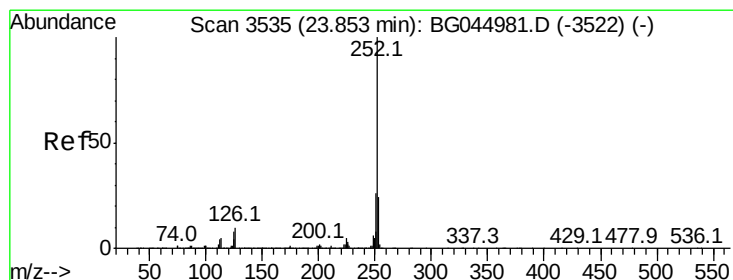
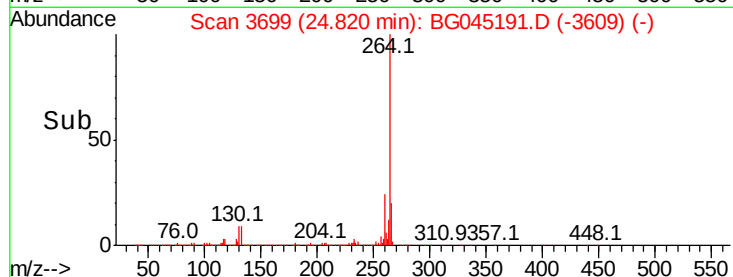
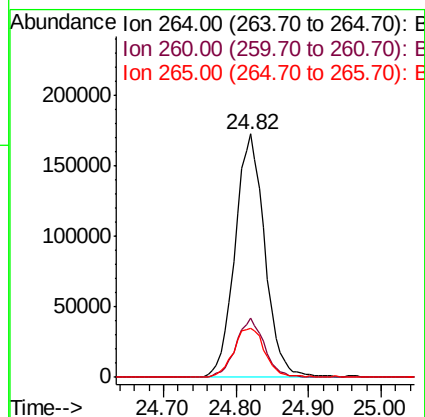
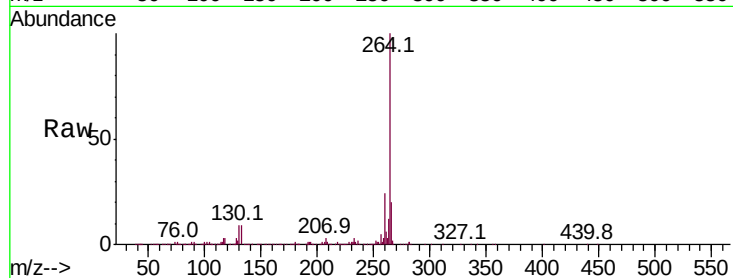
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion:	264	Resp:	492831
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	20.2	19.0	28.4

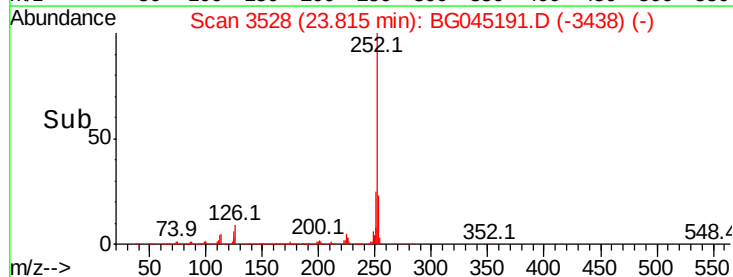
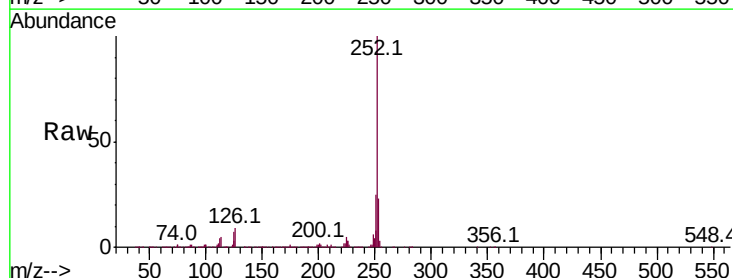
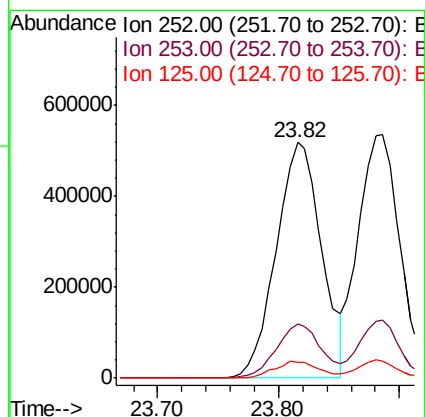
Manual Integrations
APPROVED

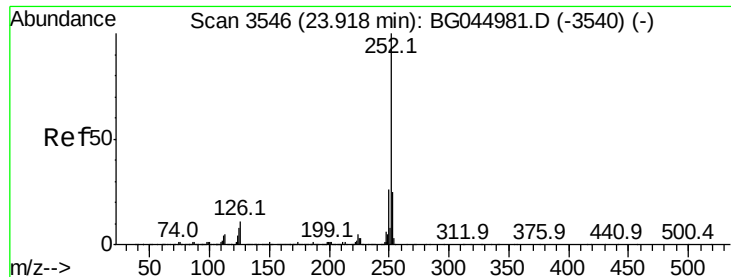
mohammad
4/30/2020 12:04:42 AM



#88
Benzo(b)fluoranthene
Concen: 43.643 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:	252	Resp:	1347286
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.8	28.2
125	6.5	6.2	9.4





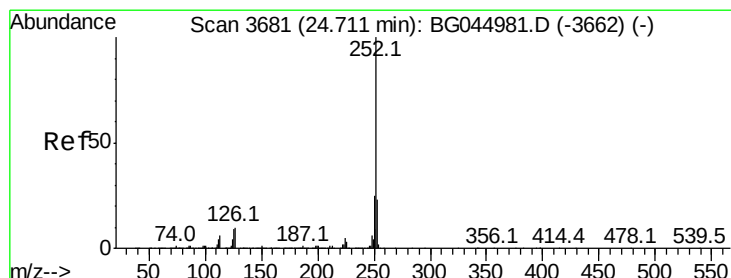
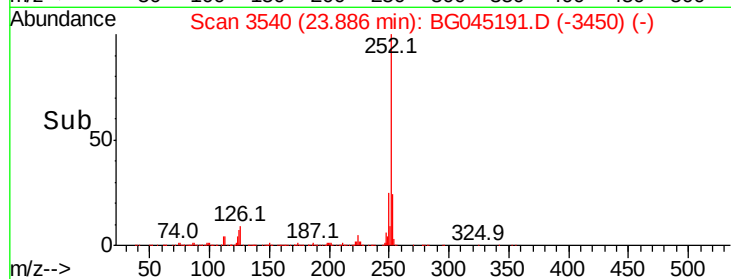
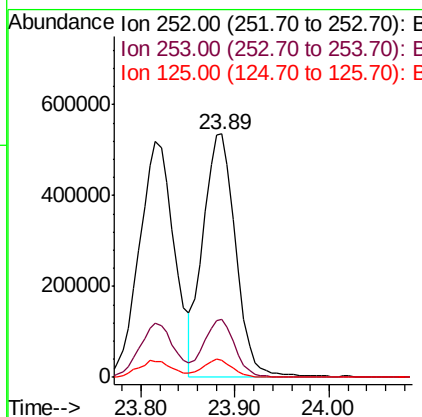
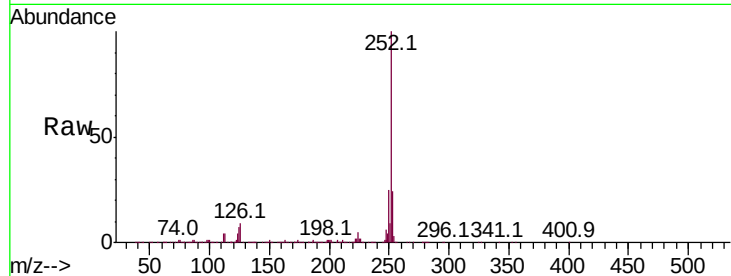
#89
Benzo(k)fluoranthene
Concen: 43.869 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	7.0	5.9	8.9

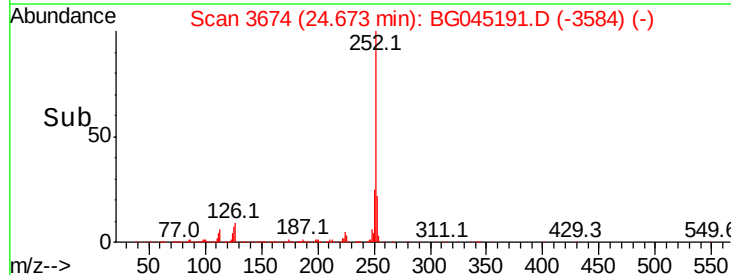
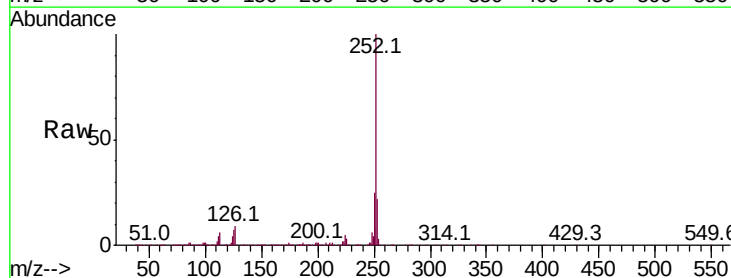
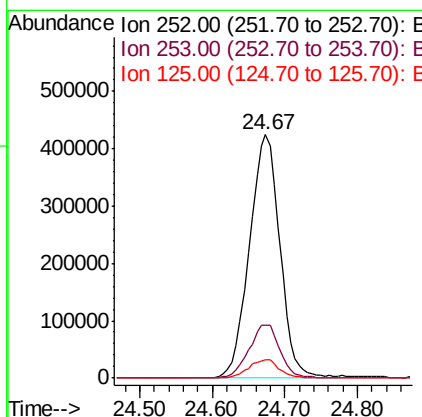
Manual Integrations
APPROVED

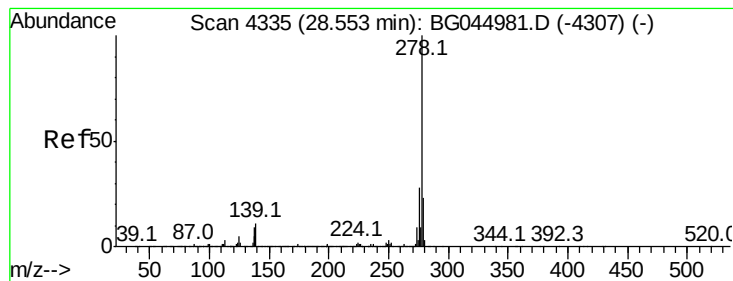
mohammad
4/30/2020 12:04:42 AM



#90
Benzo(a)pyrene
Concen: 42.560 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	7.3	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.913 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:278 Resp: 1289715

Ion Ratio Lower Upper

278 100

139 10.3 9.0 13.6

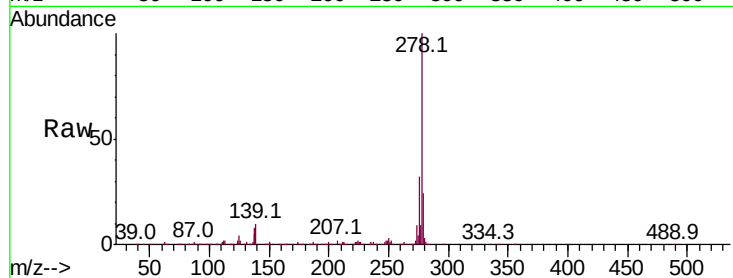
279 23.8 18.4 27.6

Manual Integrations

APPROVED

mohammad

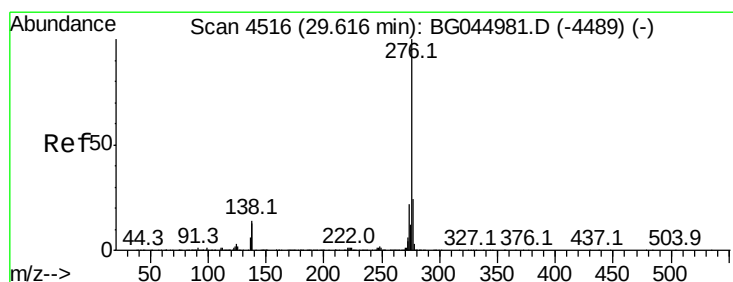
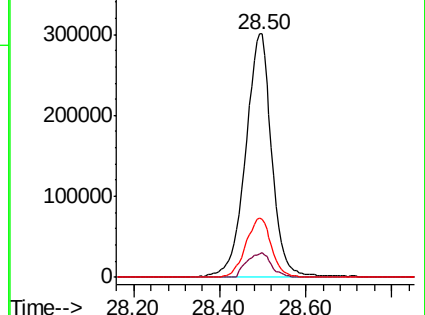
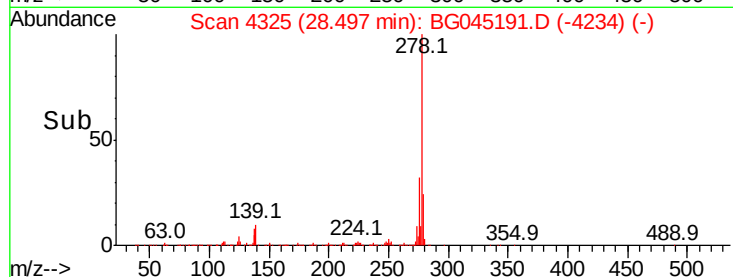
4/30/2020 12:04:42 AM



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: 43.862 ng

RT: 29.55 min Scan# 4505

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

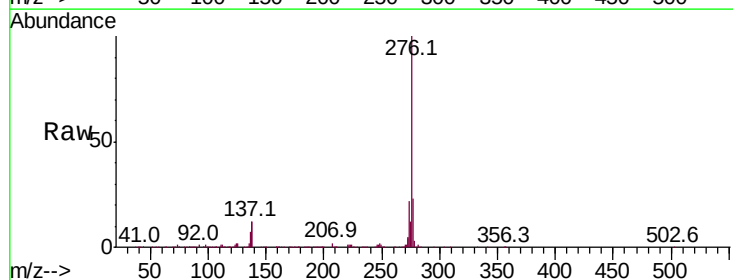
Tgt Ion:276 Resp: 1291509

Ion Ratio Lower Upper

276 100

277 22.6 19.3 28.9

138 12.0 11.4 17.2



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

