

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046129.D
 Acq On : 31 Jul 2020 17:27
 Operator : CG/JU
 Sample : L3491-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:19 PM

Quant Time: Jul 31 18:06:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89817	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	358159	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	233088	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	554563	20.00	ng	0.00
76) Chrysene-d12	21.57	240	601400	20.00	ng	0.00
86) Perylene-d12	24.68	264	644200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	588391	113.88	ng	0.00
7) Phenol-d6	7.12	99	754925	107.21	ng	0.00
23) Nitrobenzene-d5	9.11	82	499490	75.51	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	382051	106.71	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1102644	68.72	ng	0.00
79) Terphenyl-d14	19.94	244	1728982	58.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	83473	35.495	ng	97
3) Pyridine	3.83	79	190846	29.479	ng	100
4) n-Nitrosodimethylamine	3.75	42	111534	40.479	ng	97
6) Aniline	7.28	93	190317	22.705	ng	97
8) 2-Chlorophenol	7.52	128	232148	40.652	ng	98
9) Benzaldehyde	7.09	77	168934	40.430	ng	93
10) Phenol	7.15	94	289226	40.880	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	221841	39.420	ng	99
12) 1,3-Dichlorobenzene	7.85	146	266524	38.504	ng	99
13) 1,4-Dichlorobenzene	7.99	146	265323	38.172	ng	99
14) 1,2-Dichlorobenzene	8.31	146	255925	39.041	ng	99
15) Benzyl Alcohol	8.19	79	205243	42.191	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	382011	41.405	ng	99
17) 2-Methylphenol	8.40	107	200012	41.875	ng	99
18) Hexachloroethane	9.04	117	93547	40.242	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	178596	38.971	ng	96
20) 3+4-Methylphenols	8.72	107	268541	41.076	ng	99
22) Acetophenone	8.77	105	334265	36.366	ng	98
24) Nitrobenzene	9.15	77	249442	35.368	ng	98
25) Isophorone	9.67	82	480616	36.513	ng	98
26) 2-Nitrophenol	9.86	139	128007	40.047	ng	96
27) 2,4-Dimethylphenol	9.93	122	207142	39.831	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	290717	40.619	ng	98
29) 2,4-Dichlorophenol	10.40	162	237948	38.897	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	257729	35.963	ng	99
31) Naphthalene	10.80	128	682084	35.992	ng	99
32) Benzoic acid	10.06	122	123845	35.452	ng	99
33) 4-Chloroaniline	10.90	127	117797	15.211	ng	99
34) Hexachlorobutadiene	11.10	225	165667	34.727	ng	99
35) Caprolactam	11.67	113	87924m	43.912	ng	
36) 4-Chloro-3-methylphenol	12.03	107	244793	40.776	ng	100
37) 2-Methylnaphthalene	12.41	142	522847	35.856	ng	98
38) 1-Methylnaphthalene	12.63	142	500645	36.282	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	292618	34.843	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046129.D
 Acq On : 31 Jul 2020 17:27
 Operator : CG/JU
 Sample : L3491-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

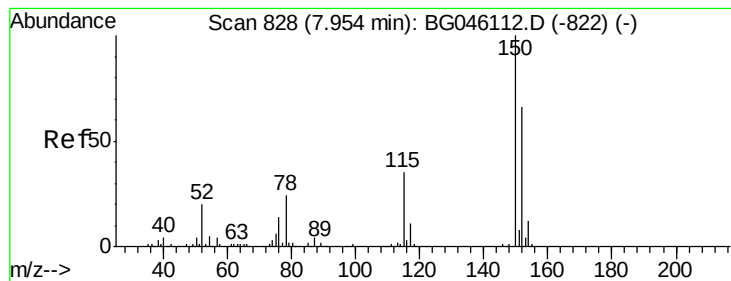
Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:19 PM

Quant Time: Jul 31 18:06:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	416480	86.458	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	207930	38.807	nq	99
44) 2,4,5-Trichlorophenol	13.09	196	223335	38.202	nq	97
46) 1,1'-Biphenyl	13.42	154	675025	36.917	nq	98
47) 2-Chloronaphthalene	13.46	162	519284	35.603	nq	99
48) 2-Nitroaniline	13.65	65	159911	41.827	nq	97
49) Acenaphthylene	14.30	152	836795	36.947	nq	99
50) Dimethylphthalate	14.04	163	824397	46.082	nq	99
51) 2,6-Dinitrotoluene	14.15	165	154327	37.066	nq	98
52) Acenaphthene	14.64	154	594798	39.793	nq	99
53) 3-Nitroaniline	14.47	138	73679	17.850	nq	97
54) 2,4-Dinitrophenol	14.68	184	166073	64.463	nq	91
55) Dibenzofuran	14.98	168	792991	35.158	nq	99
56) 4-Nitrophenol	14.79	139	295396	82.429	nq	92
57) 2,4-Dinitrotoluene	14.94	165	215213	37.595	nq	98
58) Fluorene	15.63	166	657664	36.005	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	220672	40.074	nq	98
60) Diethylphthalate	15.40	149	685576	38.956	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	351536	36.849	nq	96
62) 4-Nitroaniline	15.64	138	161063	38.798	nq	96
63) Azobenzene	15.91	77	622796	37.761	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	138814	37.849	nq	97
66) n-Nitrosodiphenylamine	15.84	169	603972	35.979	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	244670	35.712	nq	95
68) Hexachlorobenzene	16.64	284	270812	35.251	nq	99
69) Atrazine	16.78	200	229585	35.517	nq	98
70) Pentachlorophenol	16.98	266	387594	77.758	nq	99
71) Phenanthrene	17.36	178	1092133	35.952	nq	99
72) Anthracene	17.46	178	1119793	37.059	nq	99
73) Carbazole	17.72	167	1068363	36.668	nq	100
74) Di-n-butylphthalate	18.29	149	1244335	40.857	nq	99
75) Fluoranthene	19.37	202	1407334	37.108	nq	99
77) Benzidine	19.55	184	519854	30.517	nq	99
78) Pyrene	19.73	202	1426247	35.296	nq	99
80) Butylbenzylphthalate	20.63	149	602300	41.147	nq	98
81) Benzo(a)anthracene	21.55	228	1458169	36.231	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	275193	16.466	nq	99
83) Chrysene	21.62	228	1398212	35.465	nq	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	862551	41.217	nq	98
85) Di-n-octyl phthalate	22.66	149	1476454	41.669	nq	97
87) Indeno(1,2,3-cd)pyrene	28.20	276	1847699	37.608	nq	99
88) Benzo(b)fluoranthene	23.70	252	1580602	36.614	nq	100
89) Benzo(k)fluoranthene	23.77	252	1523554	35.982	nq	99
90) Benzo(a)pyrene	24.53	252	1456414	36.256	nq	99
91) Dibenzo(a,h)anthracene	28.27	278	1512920	36.836	nq	97
92) Benzo(g,h,i)perylene	29.30	276	1547351	37.305	nq	98

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



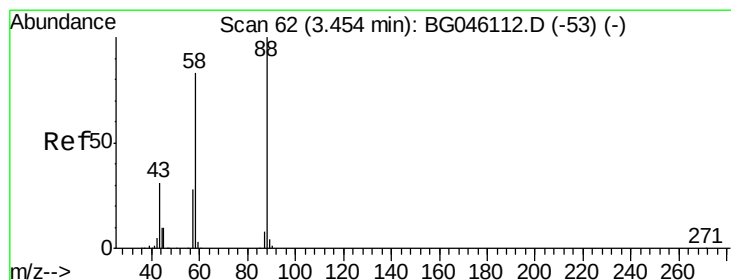
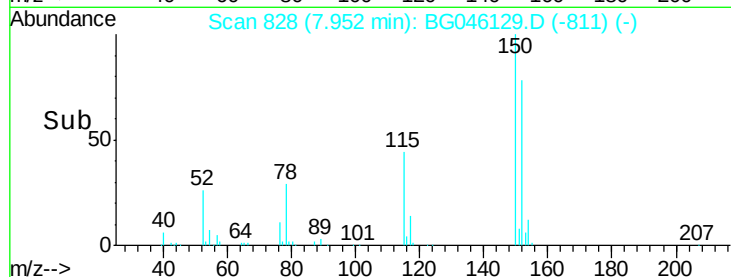
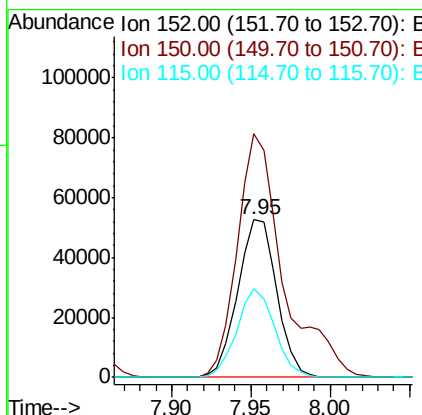
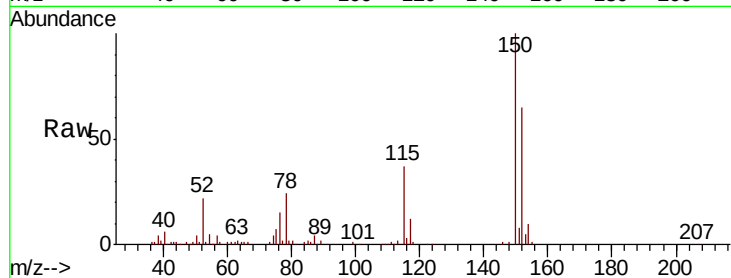
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.1	183.1
115	56.6	43.2	64.8

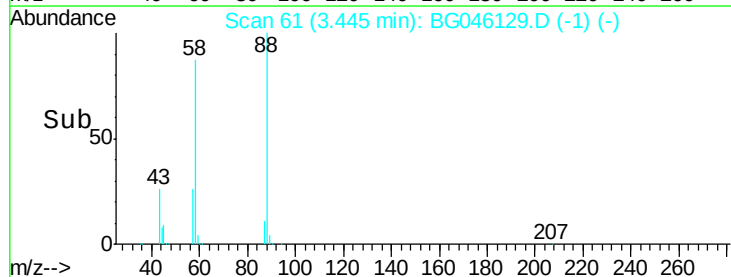
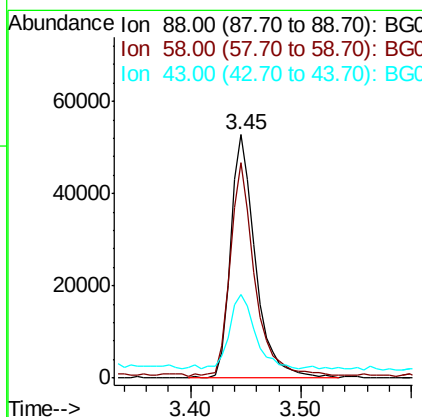
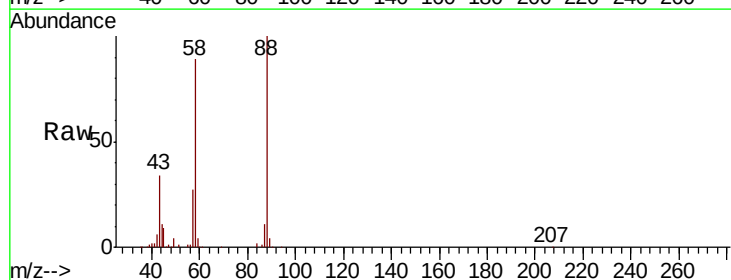
Manual Integrations
APPROVED

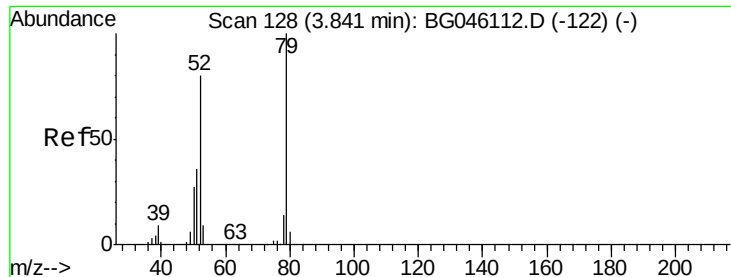
mohammad
8/3/2020 12:22:19 PM



#2
1,4-Dioxane
Concen: 35.495 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	66.5	99.7
43	31.6	23.8	35.8





#3

Pvridine

Concen: 29.479 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

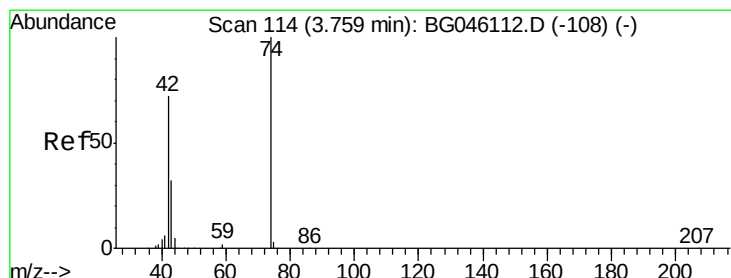
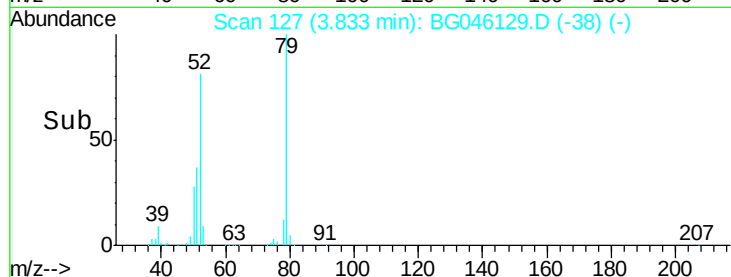
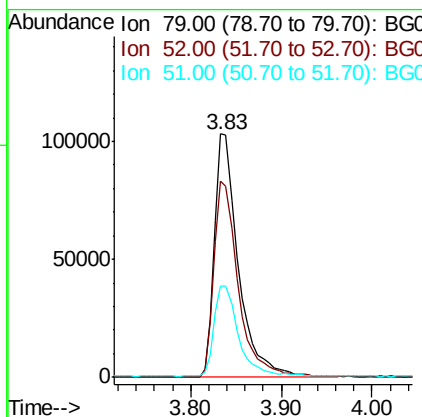
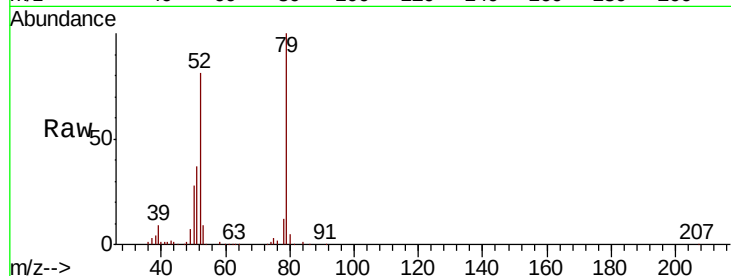
ClientSampleId :

TP-1-DMS

Tot Ion:	79	Resp:	190846
Ion	Ratio	Lower	Upper
79	100		
52	80.7	64.3	96.5
51	37.3	29.8	44.6

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#4

n-Nitrosodimethylamine

Concen: 40.479 ng

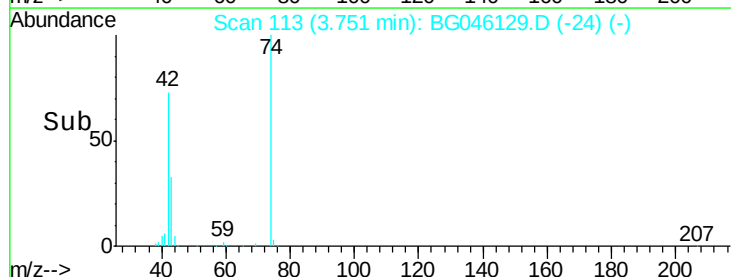
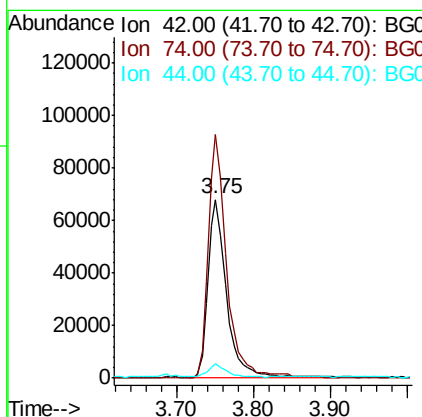
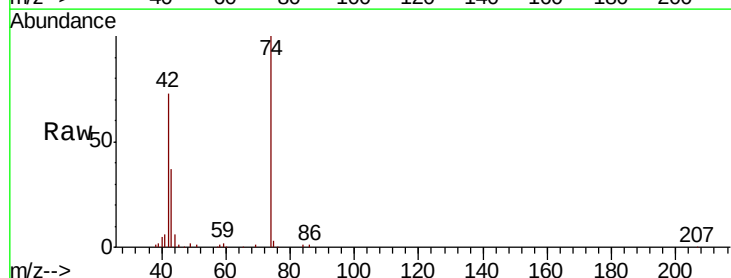
RT: 3.75 min Scan# 113

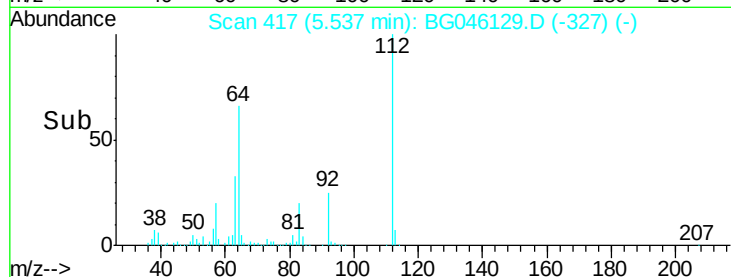
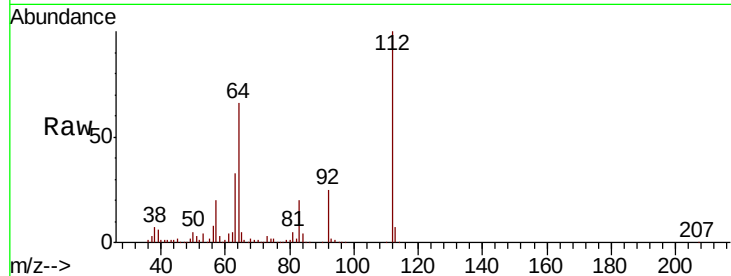
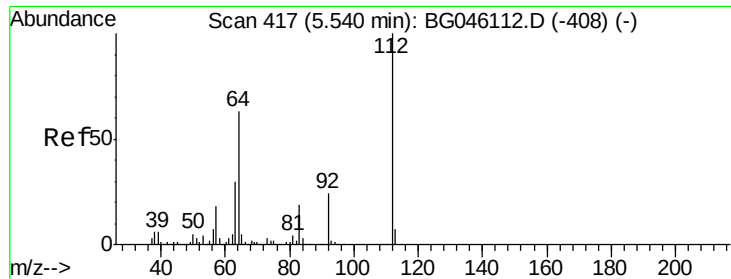
Delta R.T. -0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	42	Resp:	111534
Ion	Ratio	Lower	Upper
42	100		
74	136.5	111.6	167.4
44	8.4	5.7	8.5





#5

2-Fluorophenol

Concen: 113.881 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		588391		
64	66.4	50.2	75.2		
63	33.3	24.2	36.4		

Instrument :

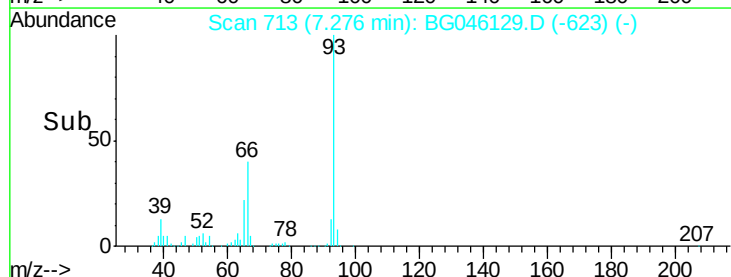
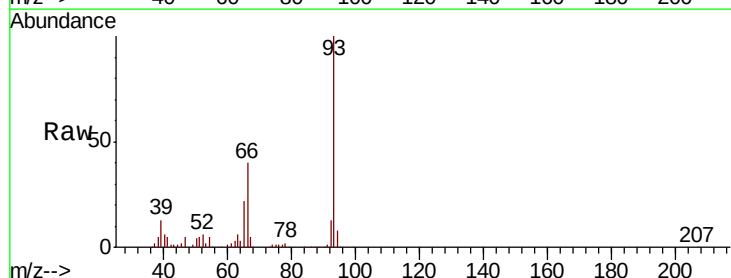
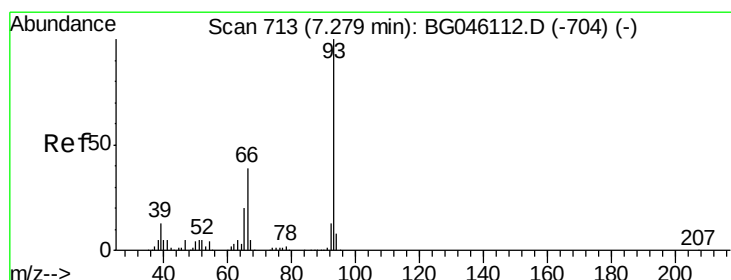
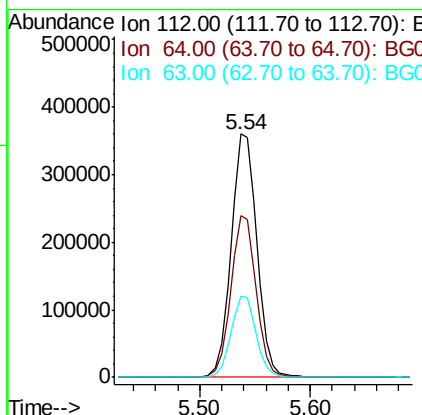
BNA_G

ClientSampleId :

TP-1-DMS

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#6

Aniline

Concen: 22.705 ng

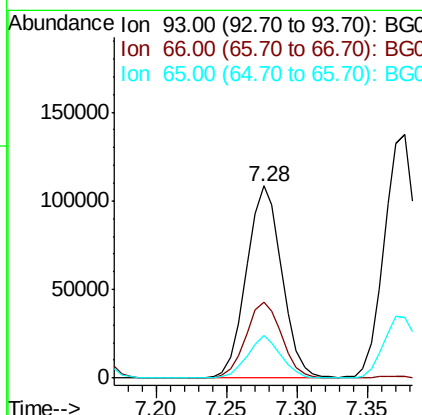
RT: 7.28 min Scan# 713

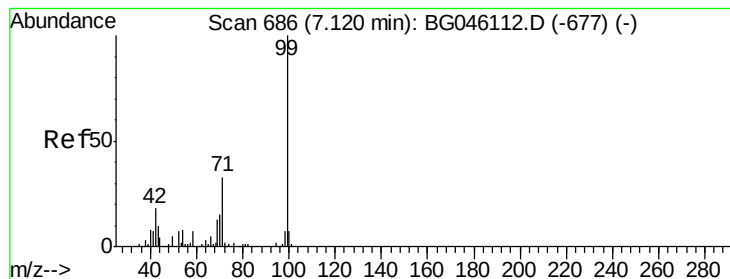
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		190317		
66	39.7	31.0	46.4		
65	22.0	15.9	23.9		





#7

Phenol-d6

Concen: 107.210 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

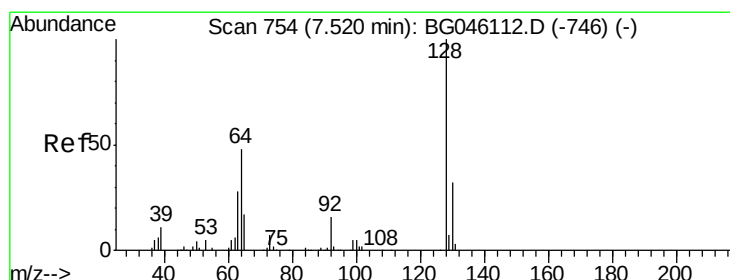
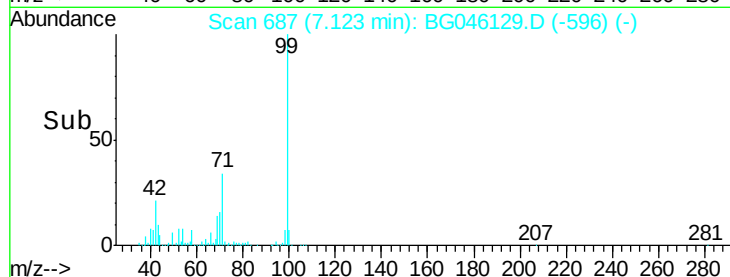
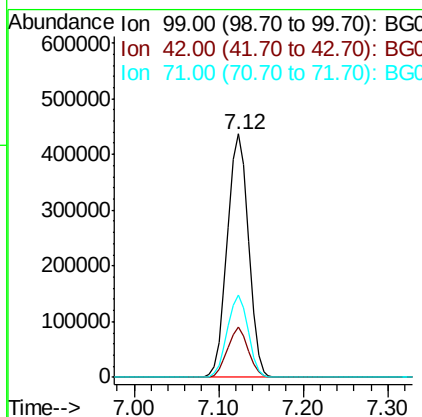
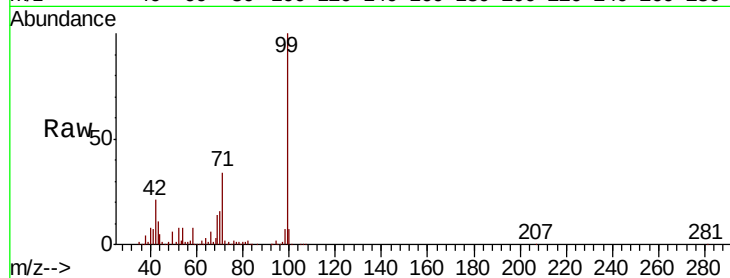
ClientSampled :

TP-1-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		754925		
42	20.5	14.7	22.1		
71	33.8	26.5	39.7		

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#8

2-Chlorophenol

Concen: 40.652 ng

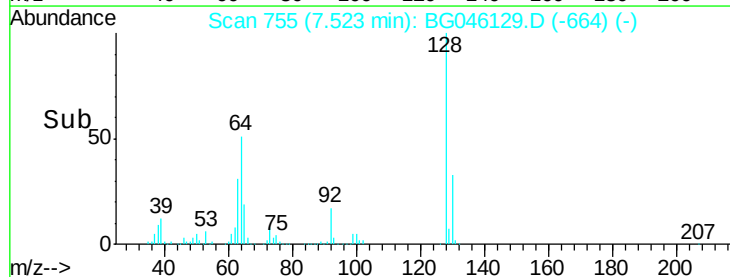
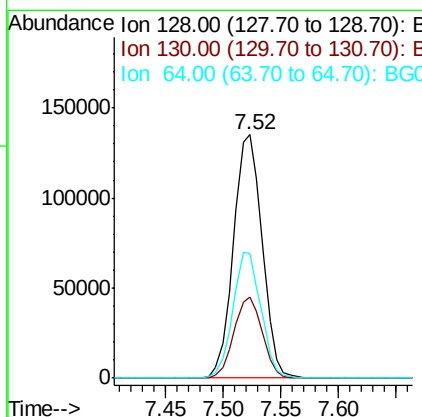
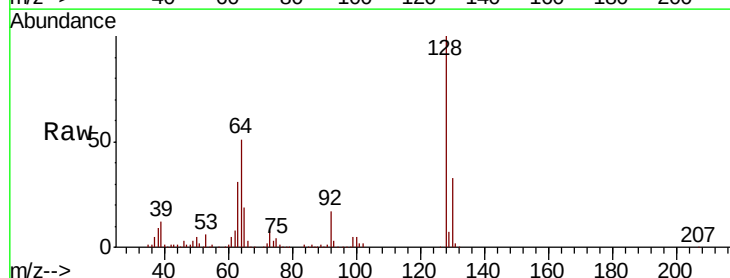
RT: 7.52 min Scan# 755

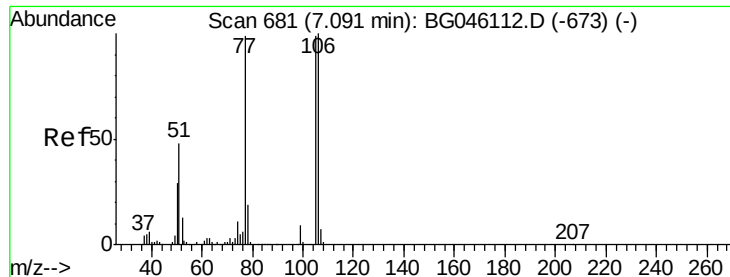
Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		232148		
130	33.1	11.6	51.6		
64	51.3	30.6	70.6		





#9

Benzaldehyde

Concen: 40.430 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

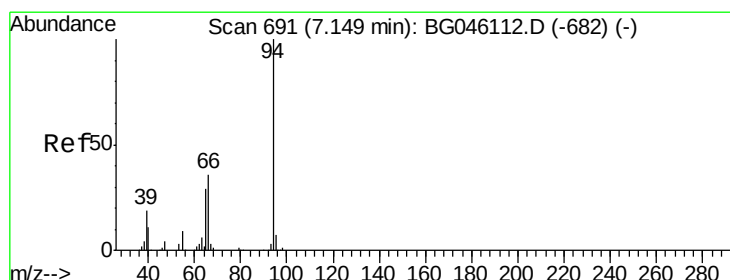
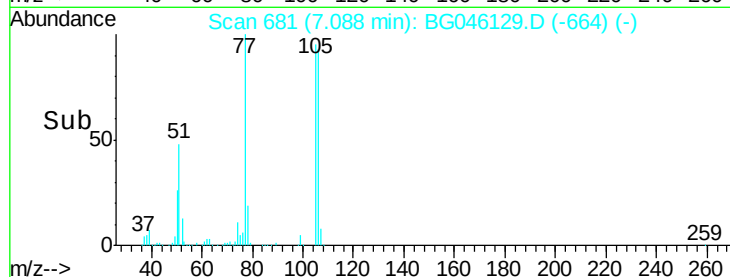
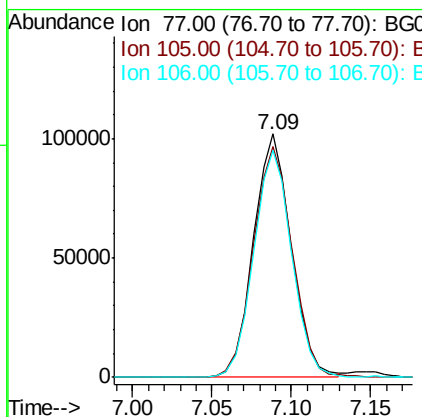
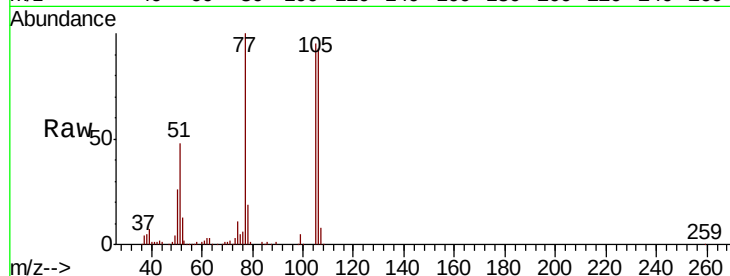
ClientSampled :

TP-1-DMS

Tot Ion:	77	Resp:	168934
Ion	Ratio	Lower	Upper
77	100		
105	94.6	80.3	120.3
106	93.0	81.5	121.5

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#10

Phenol

Concen: 40.880 ng

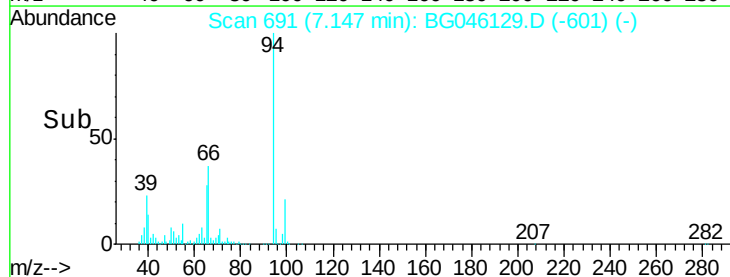
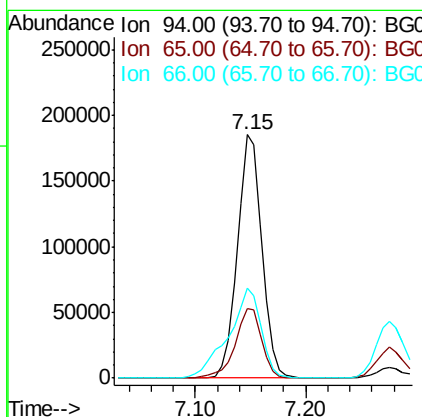
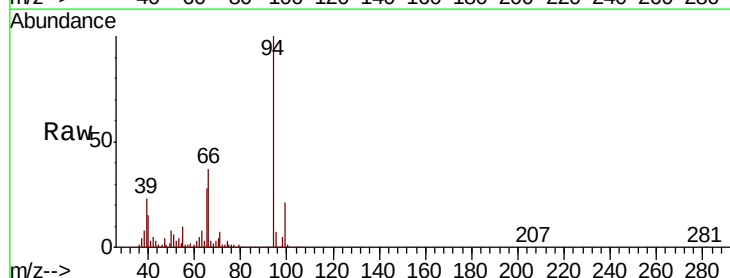
RT: 7.15 min Scan# 691

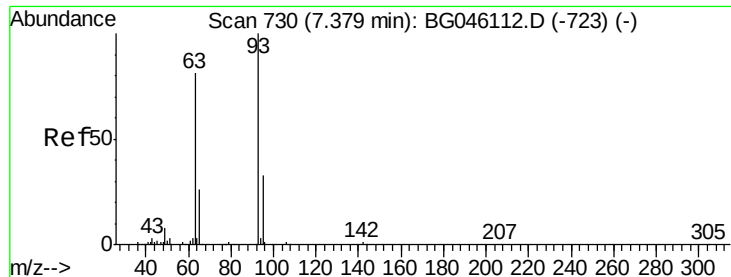
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	94	Resp:	289226
Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.6	49.6
66	37.2	16.3	56.3





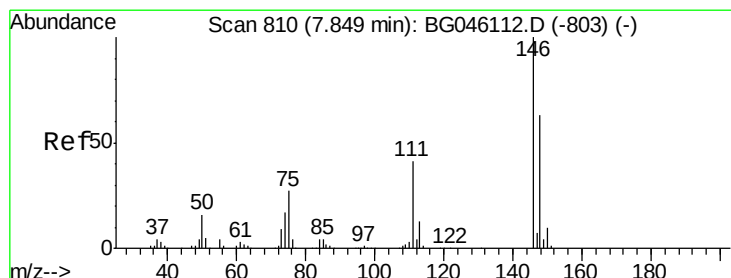
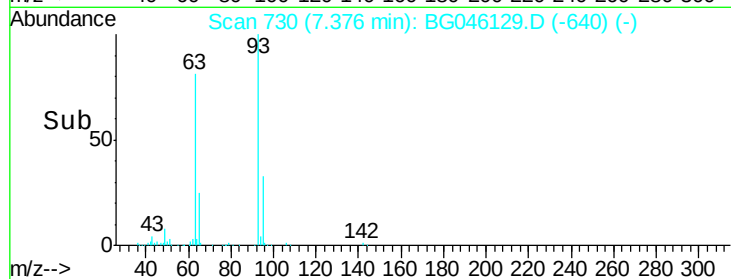
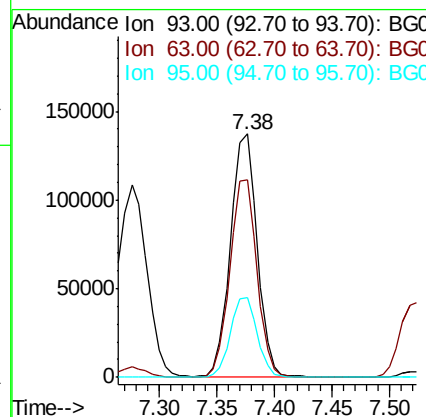
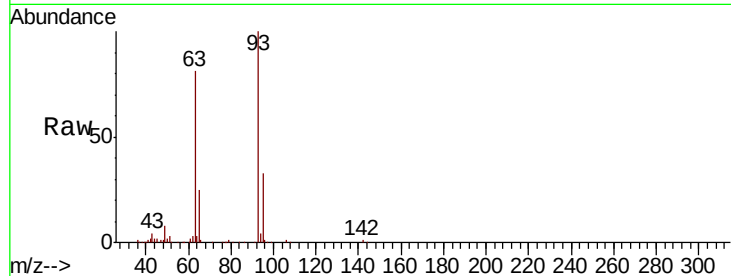
#11
bis(2-Chloroethyl)ether
Concen: 39.420 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:	93	Resp:	221841
Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.0	100.0
95	32.8	12.6	52.6

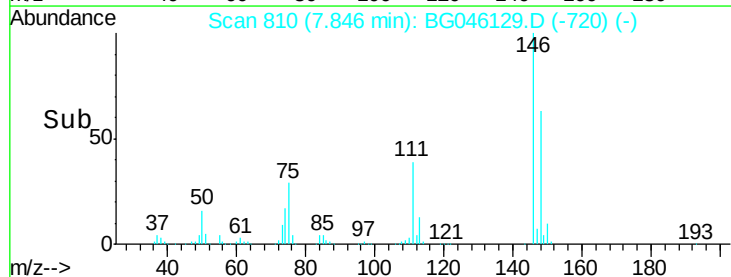
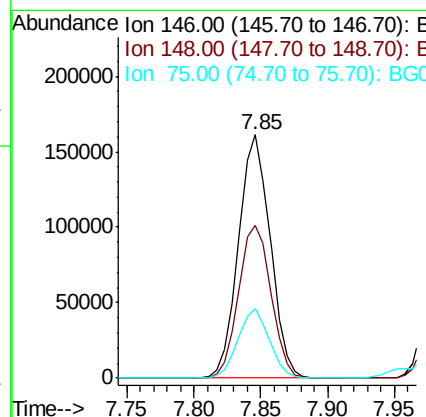
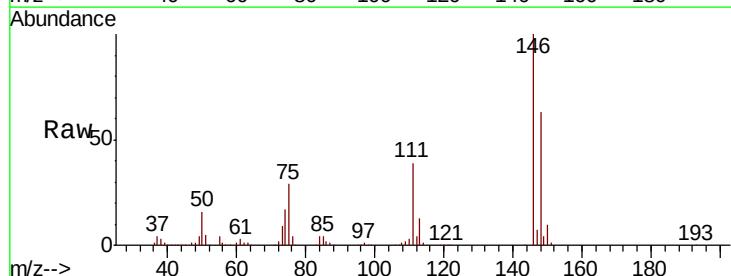
Manual Integrations
APPROVED

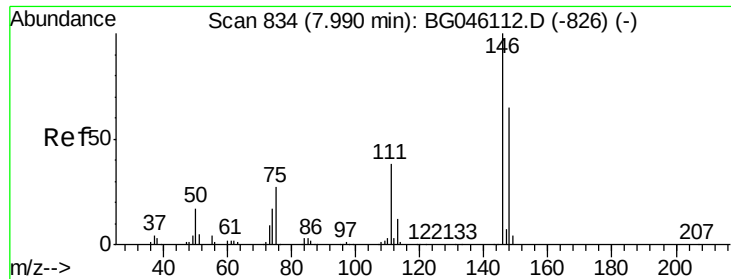
mohammad
8/3/2020 12:22:19 PM



#12
1,3-Dichlorobenzene
Concen: 38.504 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:	146	Resp:	266524
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
75	28.7	21.6	32.4





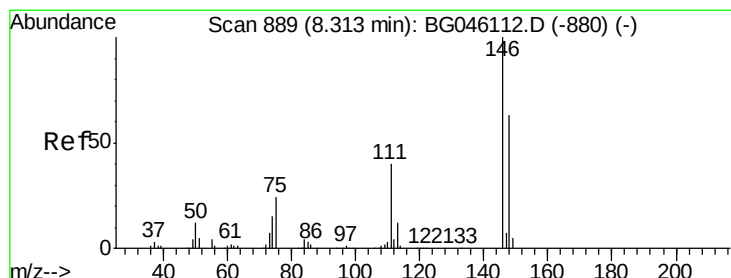
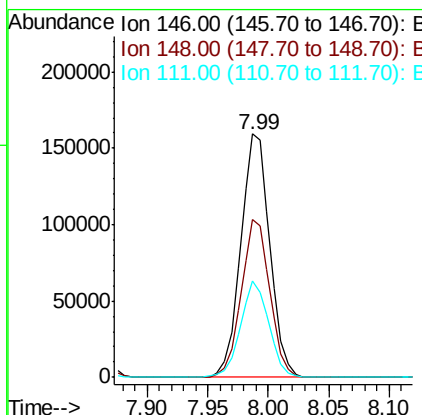
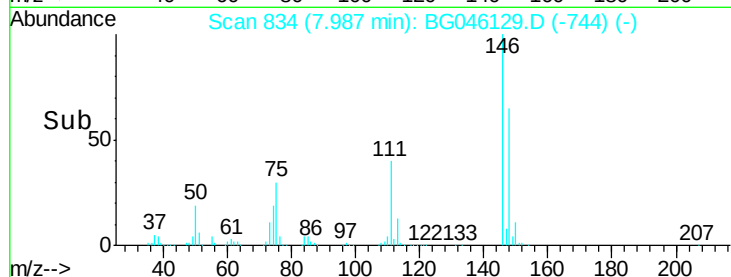
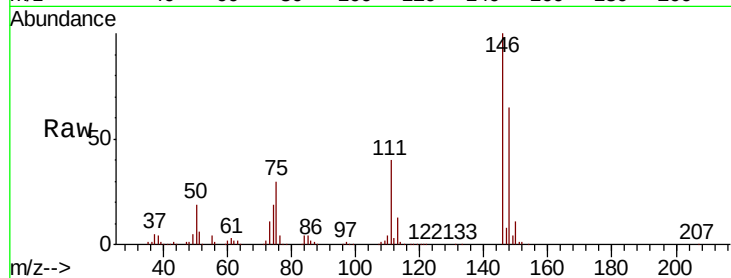
#13
1,4-Dichlorobenzene
Concen: 38.172 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	39.6	30.7	46.1

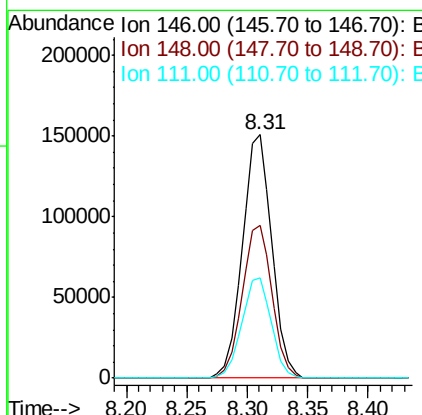
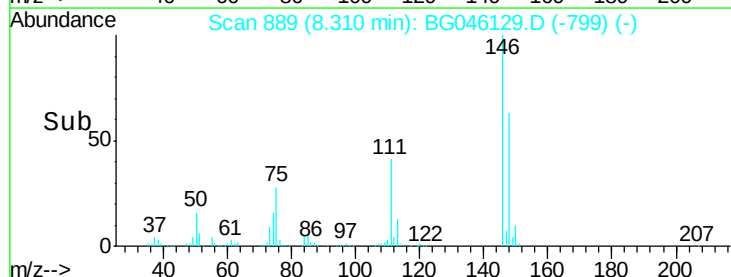
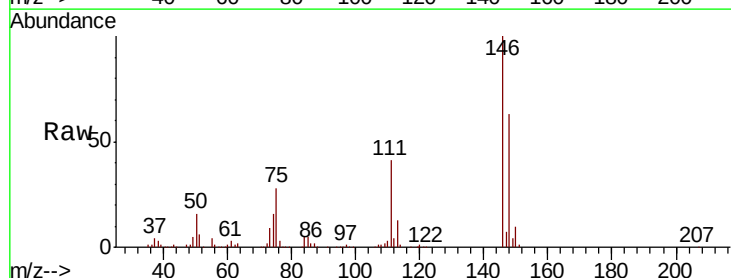
Manual Integrations
APPROVED

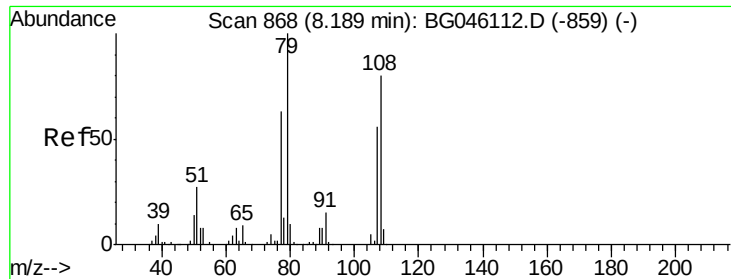
mohammad
8/3/2020 12:22:19 PM



#14
1,2-Dichlorobenzene
Concen: 39.041 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	41.0	32.4	48.6





#15

Benzyl Alcohol

Concen: 42.191 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

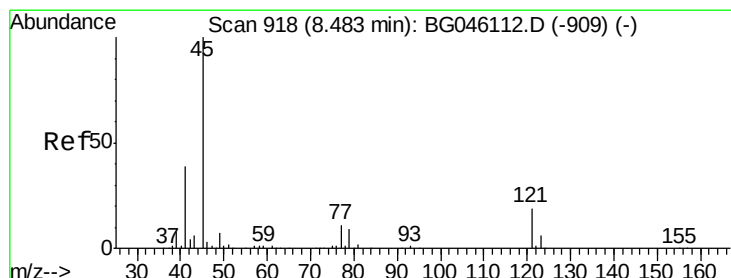
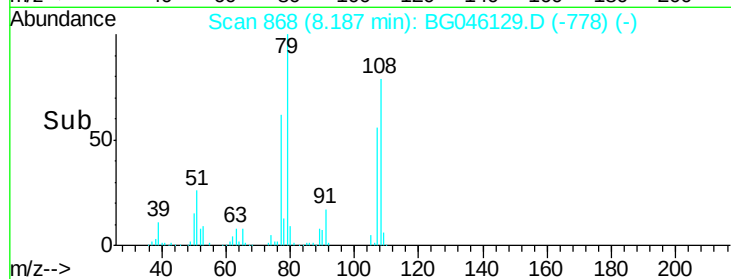
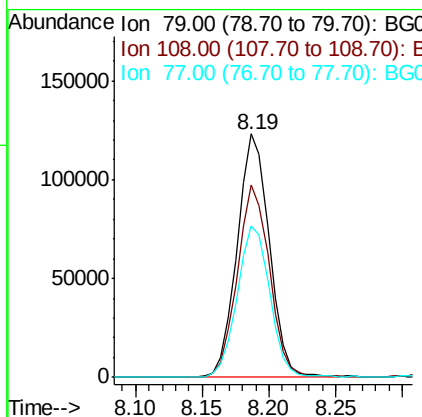
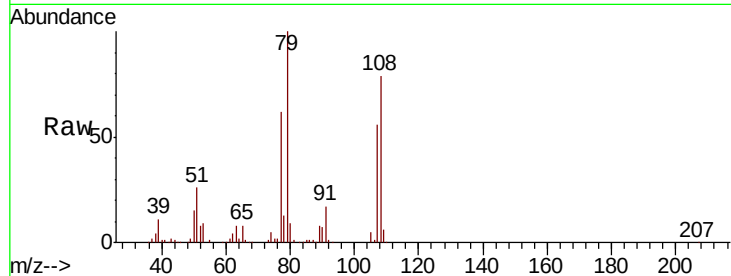
ClientSampleId :

TP-1-DMS

Tot Ion:	79	Resp:	205243
Ion Ratio	Lower	Upper	
79	100		
108	79.2	64.1	96.1
77	62.0	50.2	75.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.405 ng

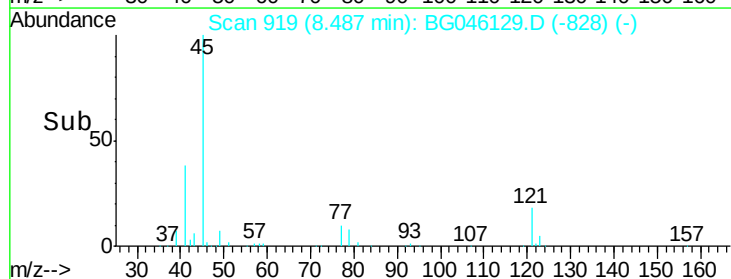
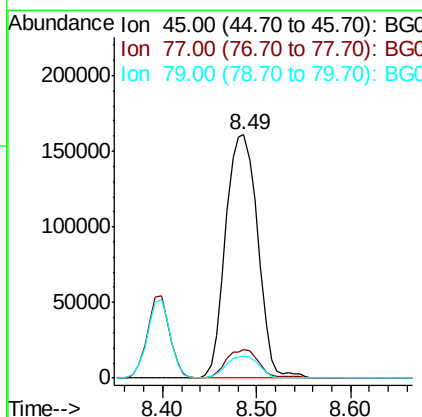
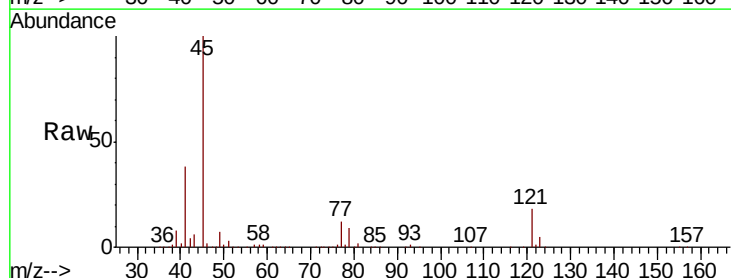
RT: 8.49 min Scan# 919

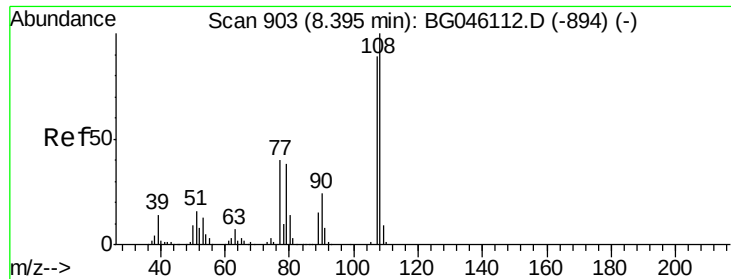
Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	45	Resp:	382011
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.9
79	8.9	0.0	29.5





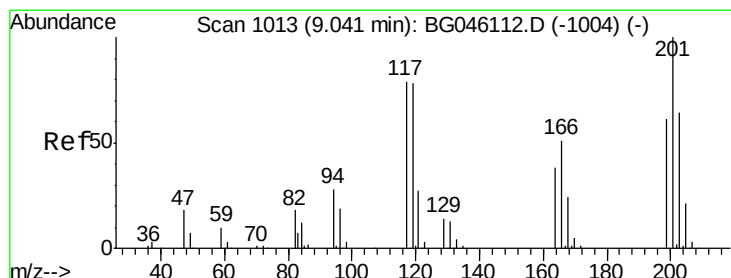
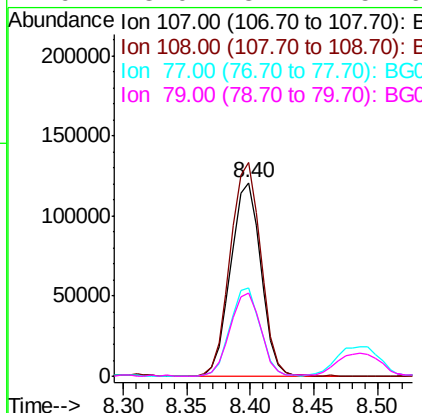
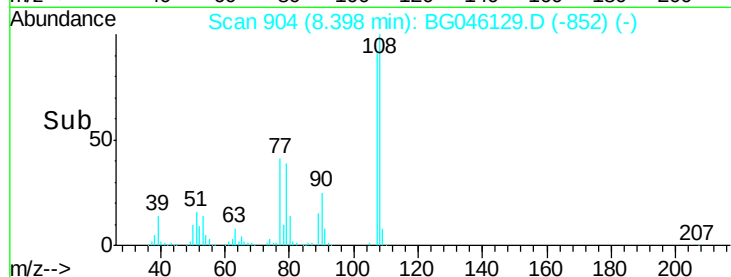
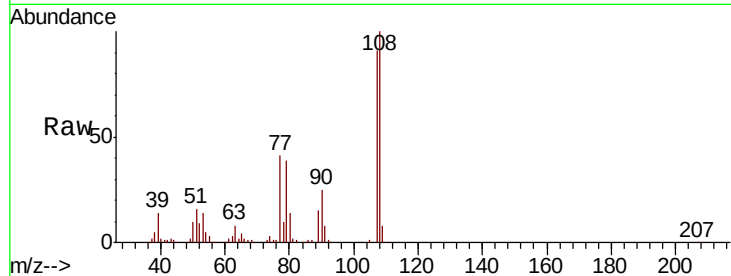
#17
2-Methylphenol
Concen: 41.875 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	110.3	90.0	135.0	
77	77	45.3	35.6	53.4	
79	79	43.0	34.4	51.6	

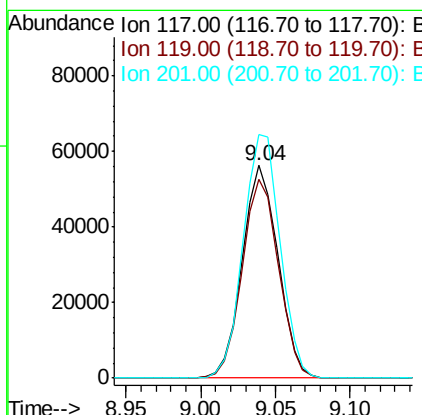
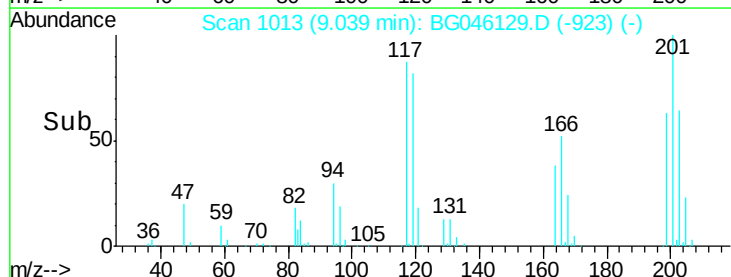
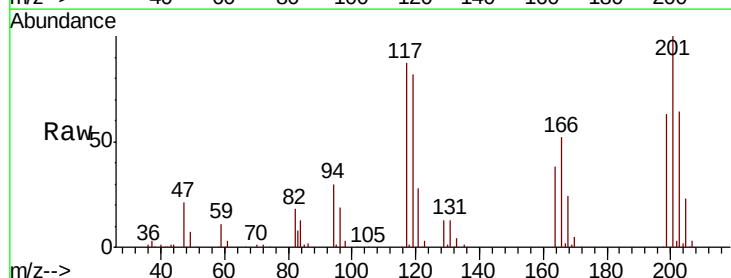
Manual Integrations
APPROVED

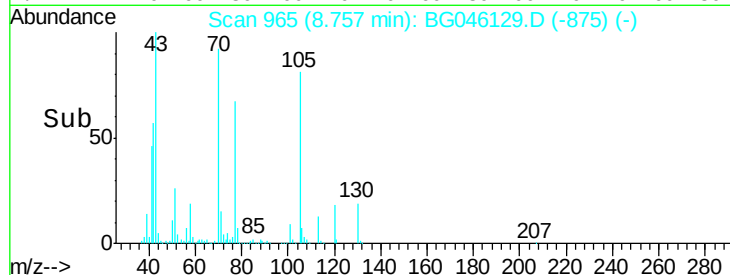
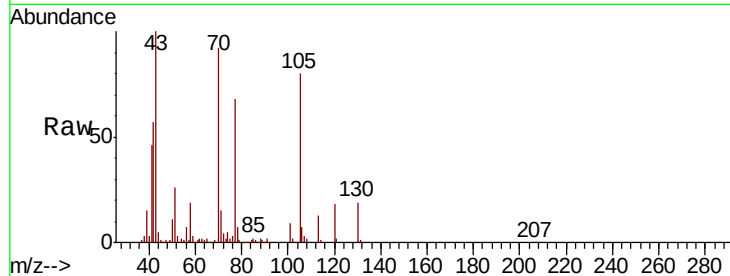
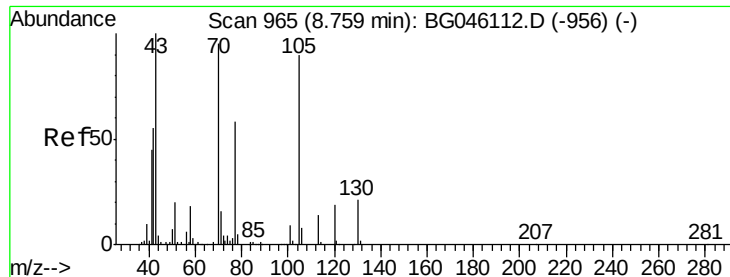
mohammad
8/3/2020 12:22:19 PM



#18
Hexachloroethane
Concen: 40.242 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.5	78.5	117.7	
201	201	114.4	101.0	151.4	





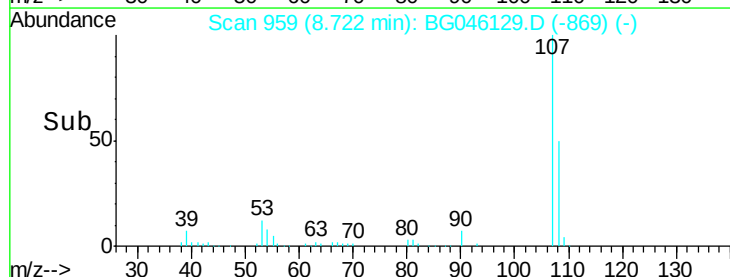
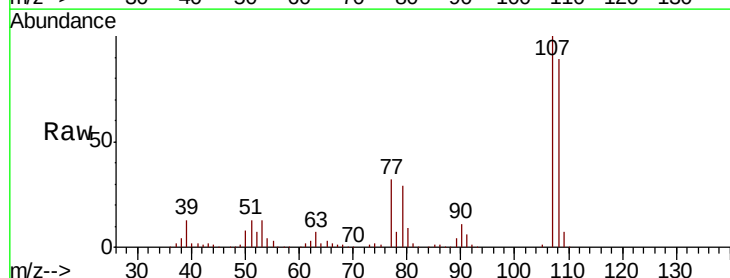
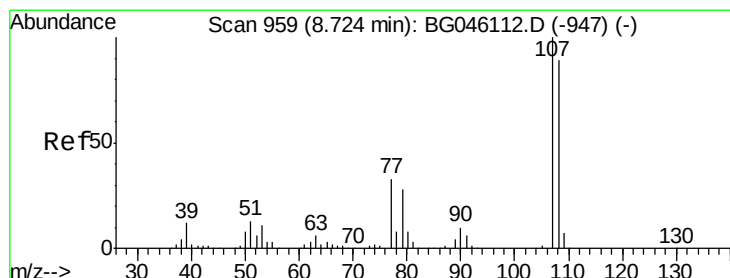
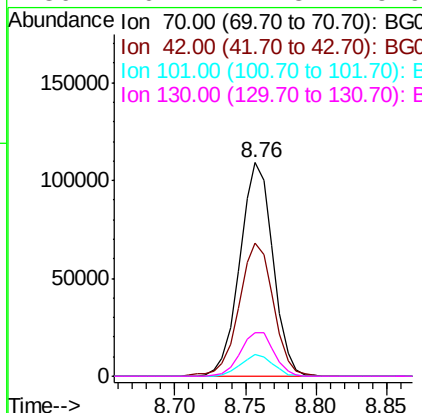
#19
n-Nitroso-di-n-propylamine
Concen: 38.971 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		178596		
42	62.1	46.5	69.7		
101	9.9	7.6	11.4		
130	20.2	17.3	25.9		

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

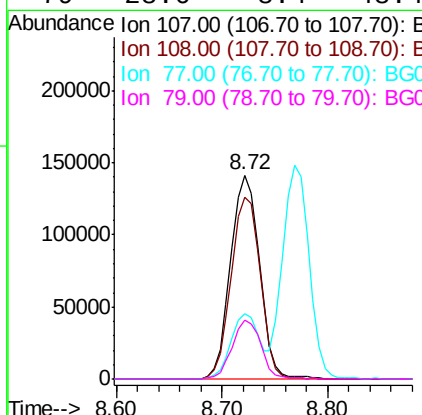
Manual Integrations
APPROVED

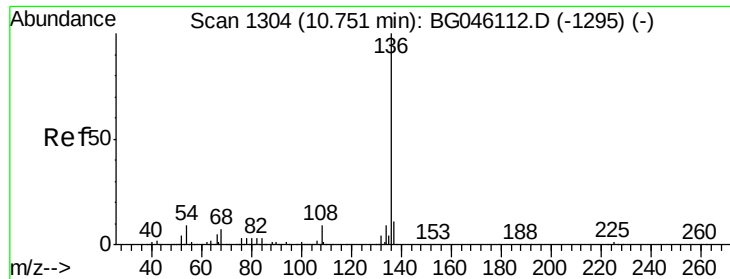
mohammad
8/3/2020 12:22:19 PM



#20
3+4-Methylphenols
Concen: 41.076 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		268541		
108	89.4	69.1	109.1		
77	31.7	12.5	52.5		
79	28.6	8.4	48.4		





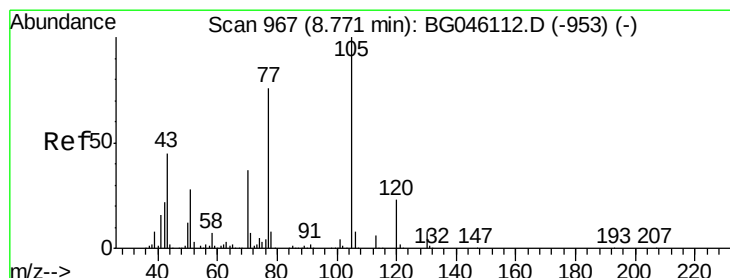
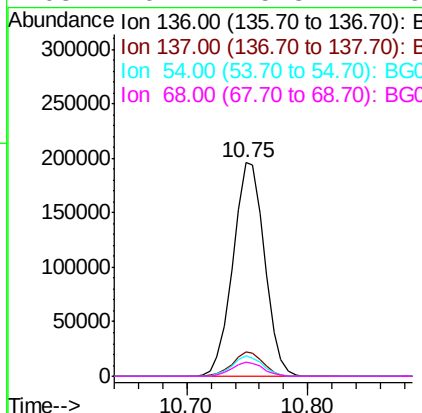
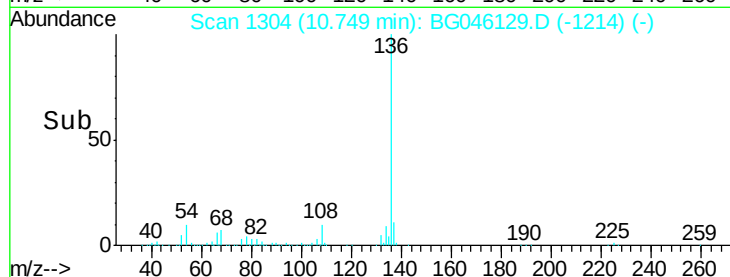
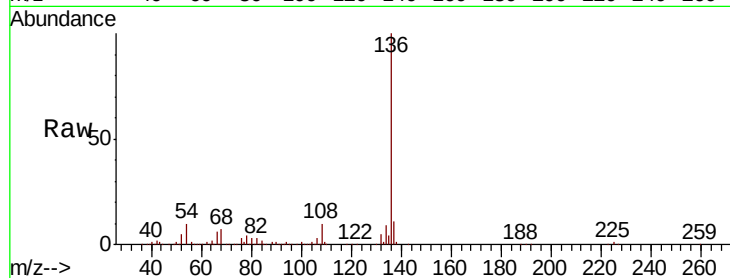
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	358159		
137	11.2		8.8	13.2
54	9.6		7.0	10.4
68	6.7		5.3	7.9

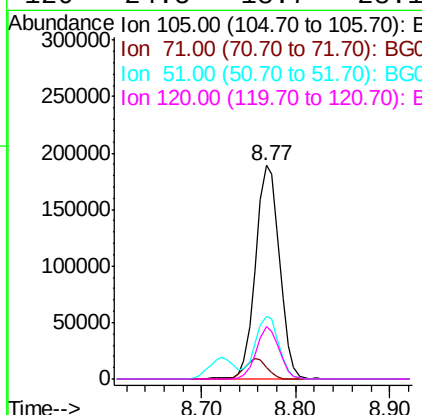
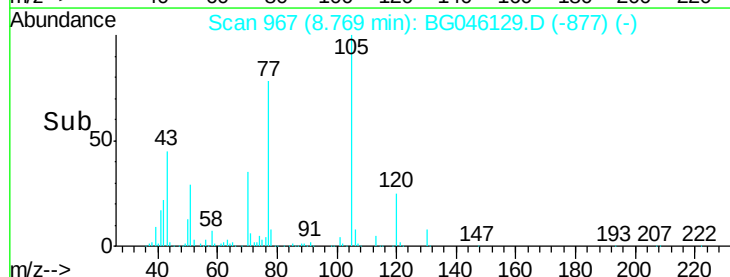
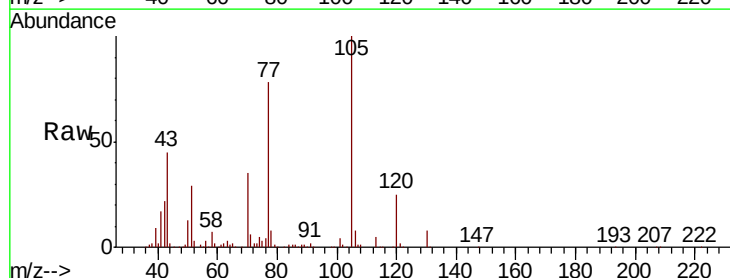
Manual Integrations
APPROVED

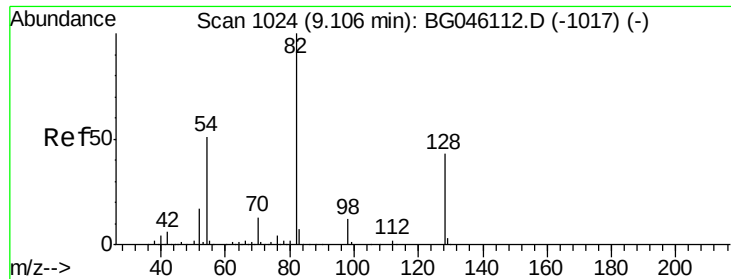
mohammad
8/3/2020 12:22:19 PM



#22
Acetophenone
Concen: 36.366 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	334265		
71	5.7		5.3	7.9
51	29.4		22.7	34.1
120	24.5		18.7	28.1





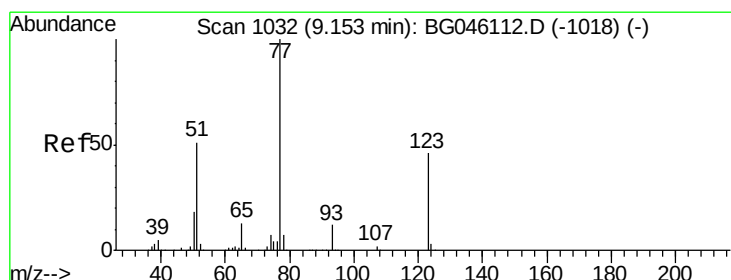
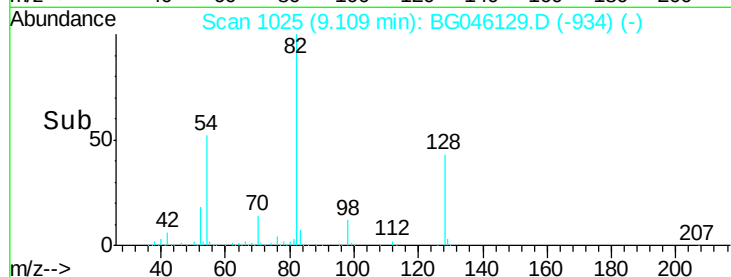
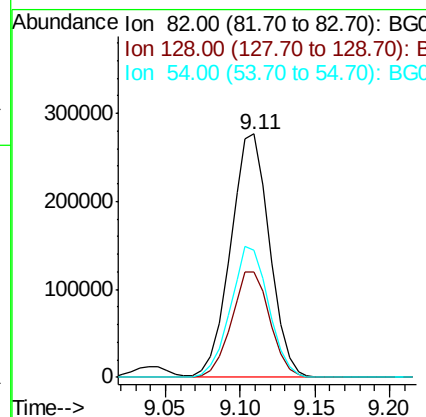
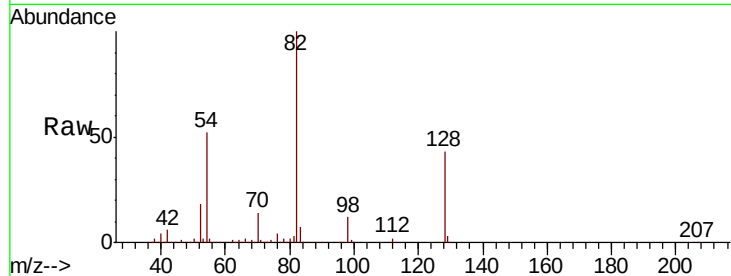
#23
 Nitrobenzene-d5
 Concen: 75.508 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	499490		
128	43.3	34.4	51.6	
54	52.4	40.8	61.2	

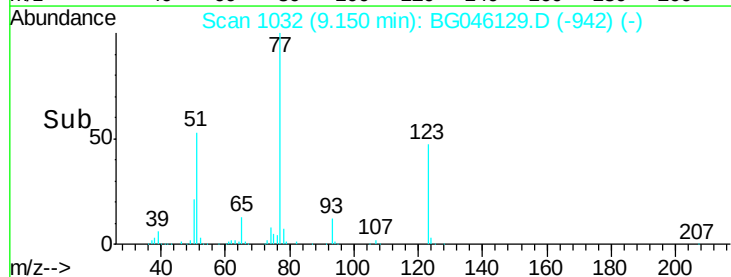
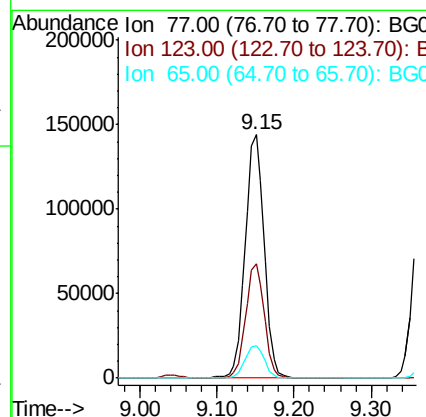
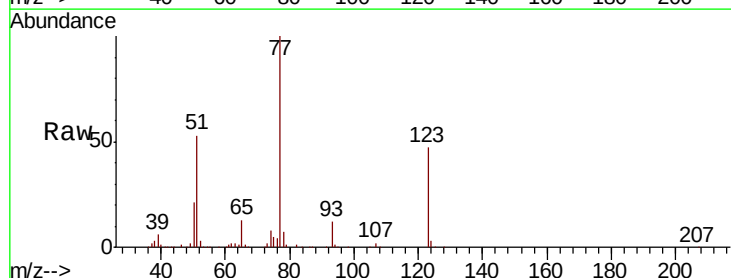
Manual Integrations
 APPROVED

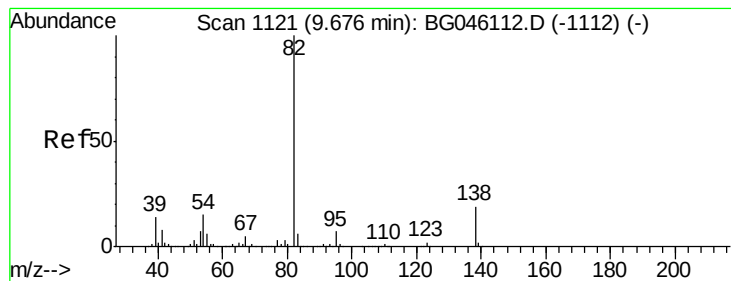
mohammad
 8/3/2020 12:22:19 PM



#24
 Nitrobenzene
 Concen: 35.368 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	249442		
123	47.2	36.8	55.2	
65	13.4	10.2	15.2	





#25

Isophorone

Concen: 36.513 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

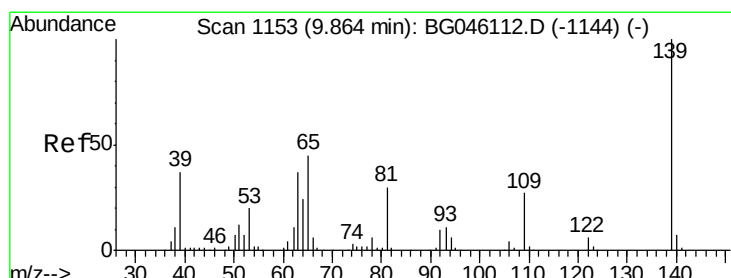
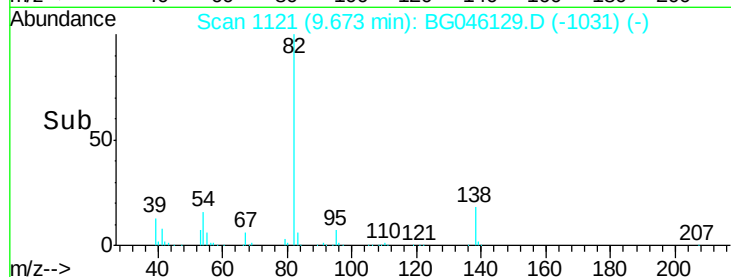
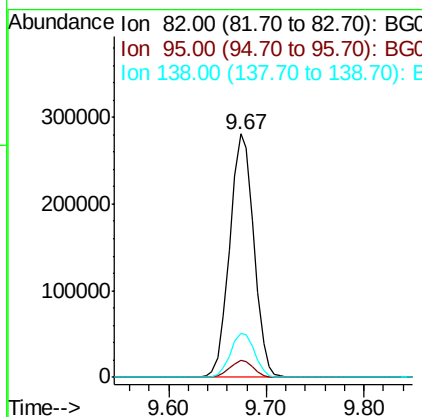
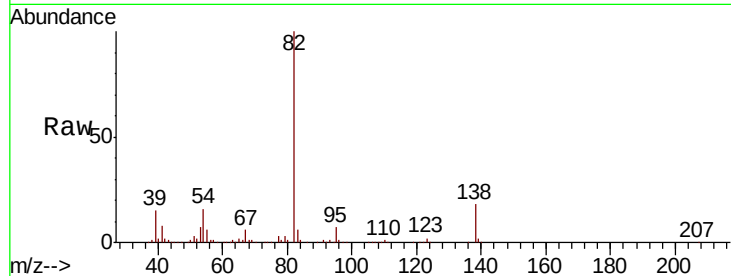
ClientSampleId :

TP-1-DMS

Tot Ion:	82	Resp:	480616
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	17.9	15.3	22.9

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#26

2-Nitrophenol

Concen: 40.047 ng

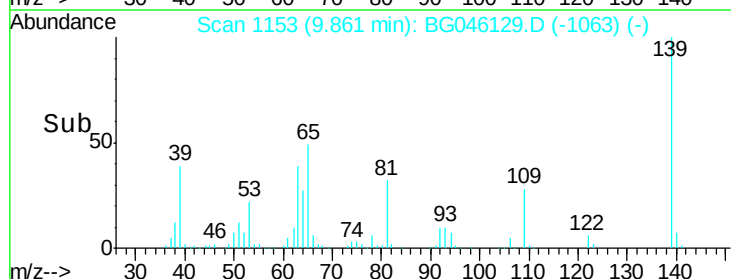
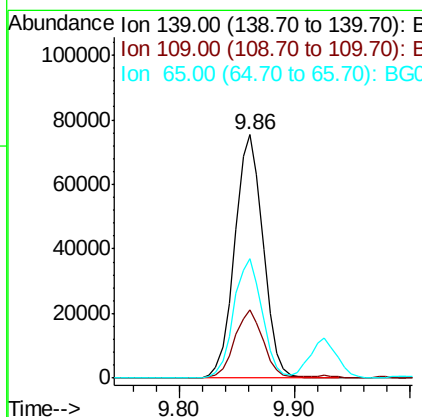
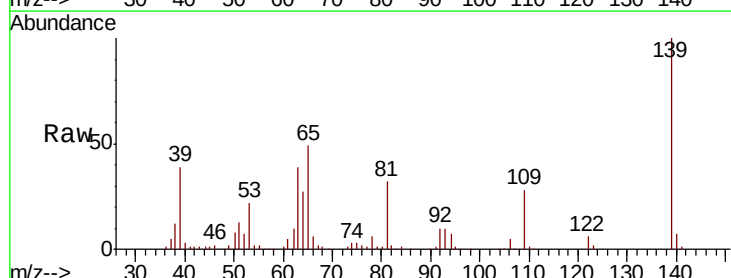
RT: 9.86 min Scan# 1153

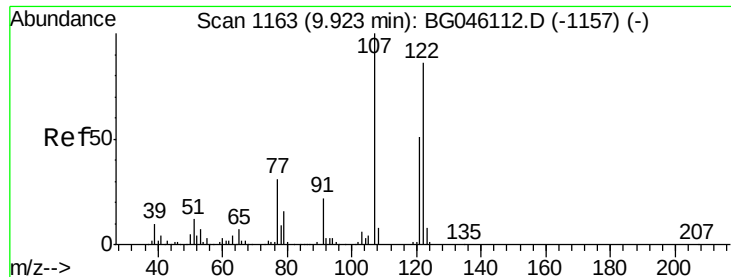
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	139	Resp:	128007
Ion Ratio	Lower	Upper	
139	100		
109	28.1	21.8	32.8
65	49.3	36.2	54.2





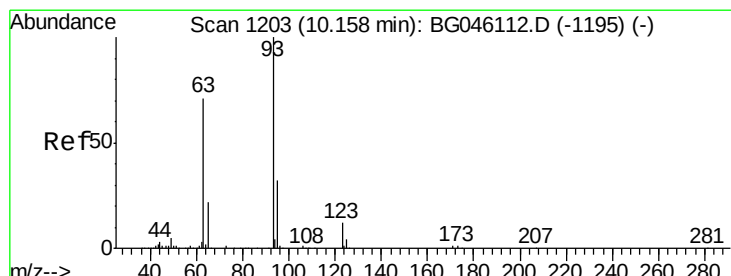
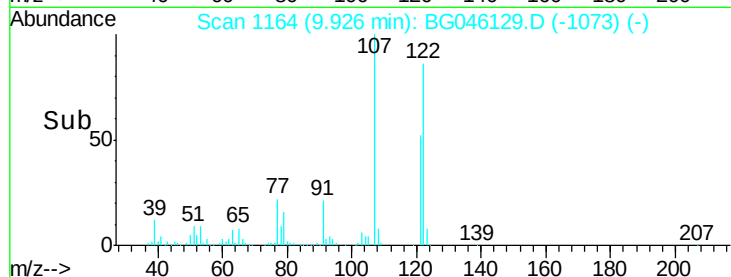
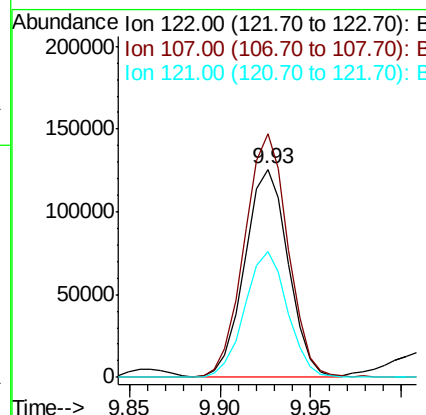
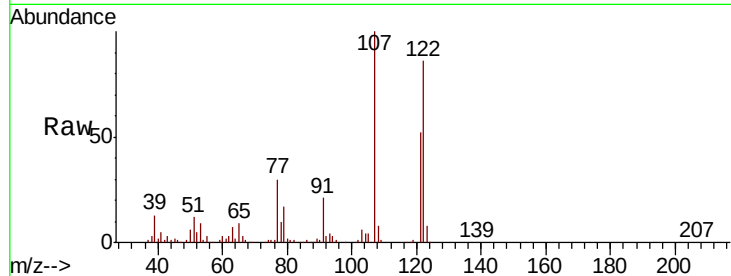
#27
 2,4-Dimethylphenol
 Concen: 39.831 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.4	138.6
121	60.4	47.0	70.6

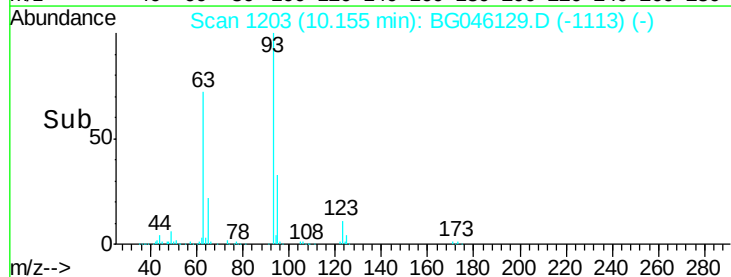
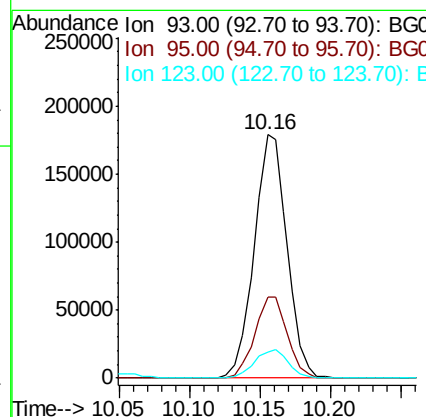
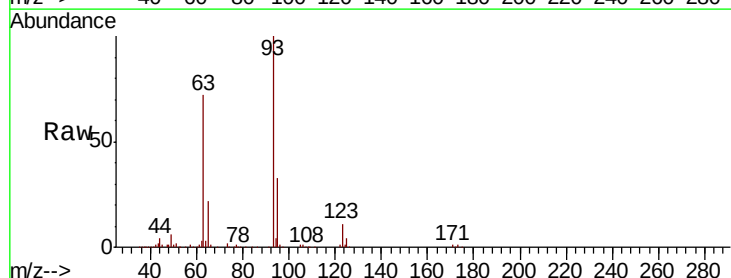
Manual Integrations
 APPROVED

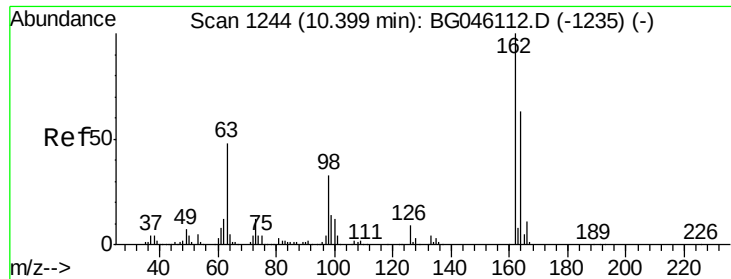
mohammad
 8/3/2020 12:22:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.619 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	10.7	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 38.897 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

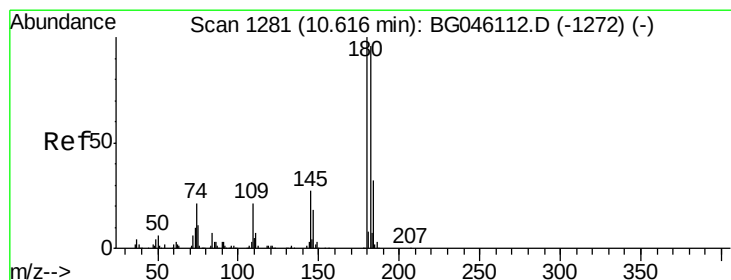
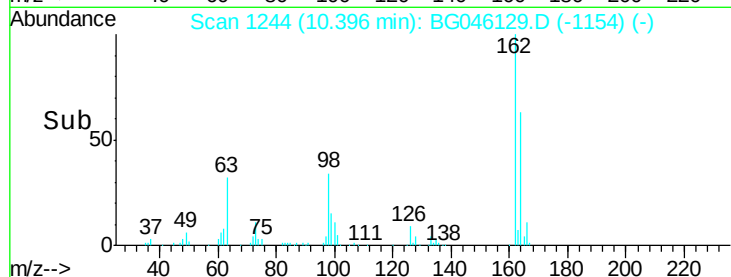
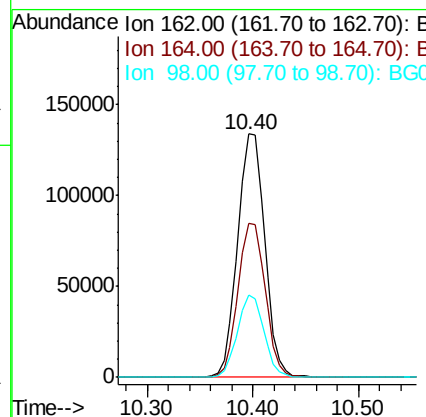
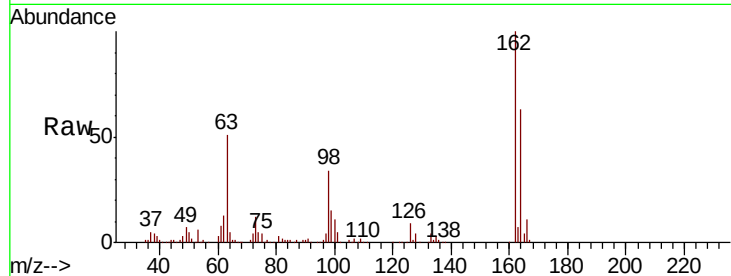
ClientSampleId :

TP-1-DMS

Tot Ion:	162	Resp:	237948
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.3	83.3
98	34.0	13.1	53.1

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#30

1,2,4-Trichlorobenzene

Concen: 35.963 ng

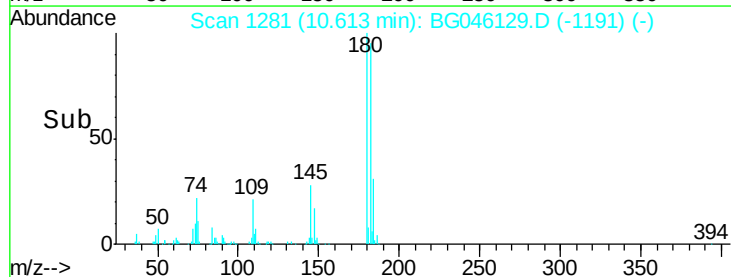
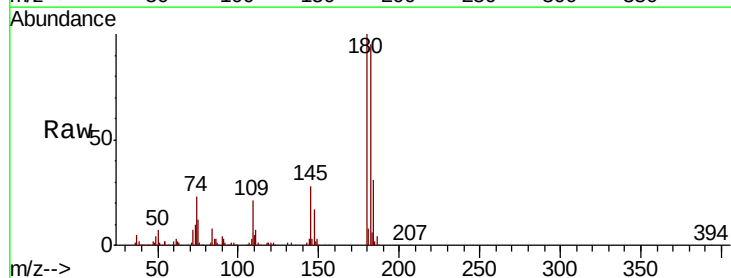
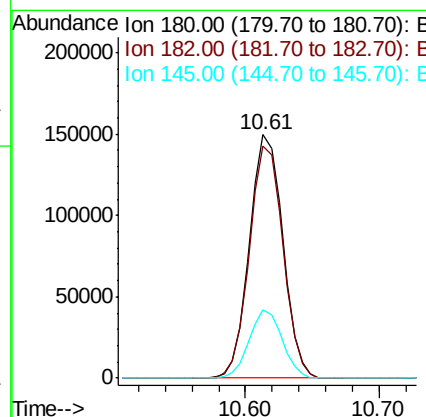
RT: 10.61 min Scan# 1281

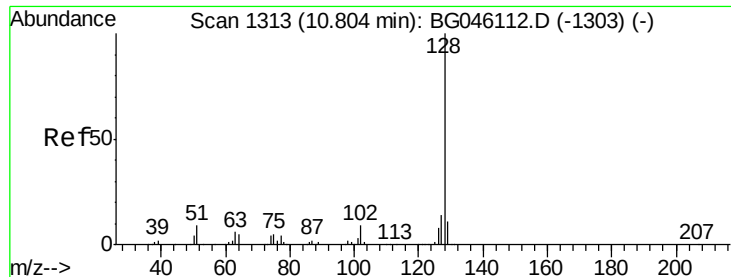
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	180	Resp:	257729
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.7	115.1
145	28.2	21.8	32.8





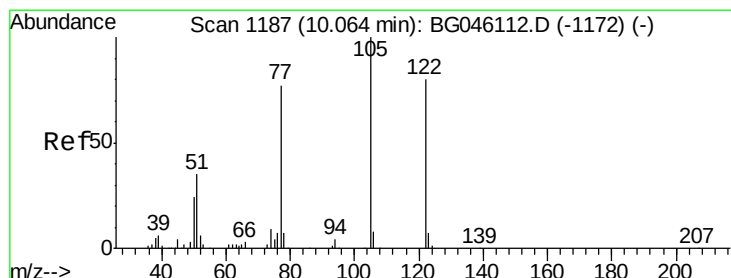
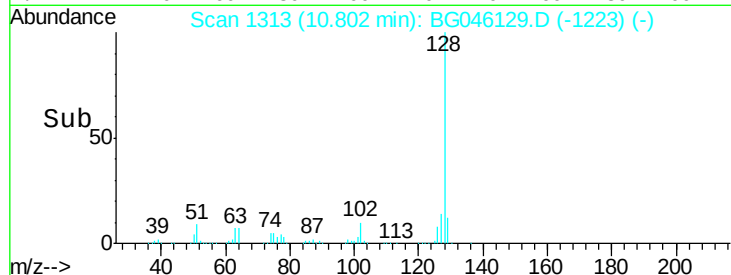
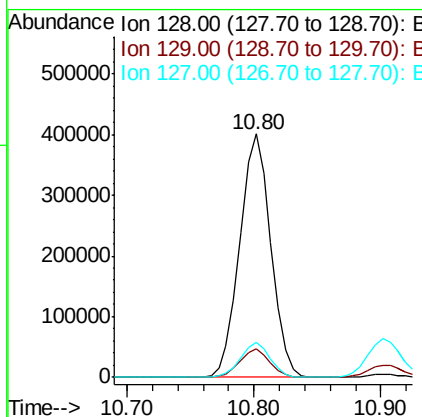
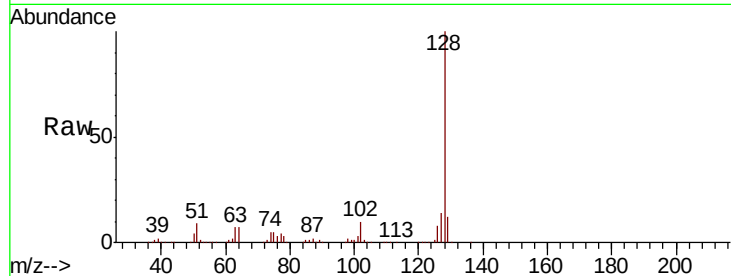
#31
Naphthalene
Concen: 35.992 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampled :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.4	11.3	16.9

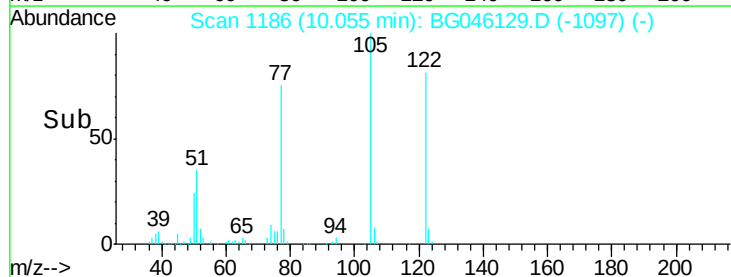
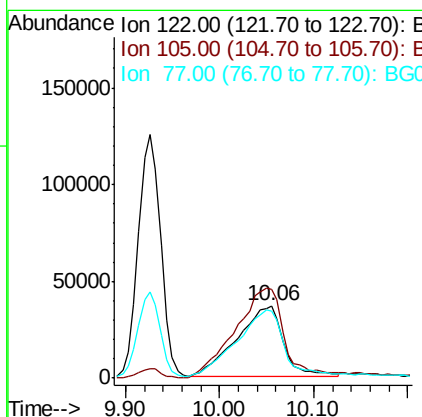
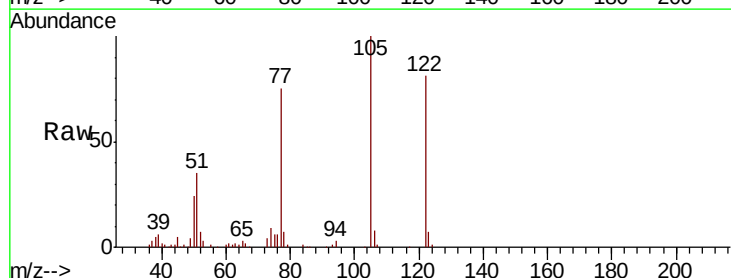
Manual Integrations
APPROVED

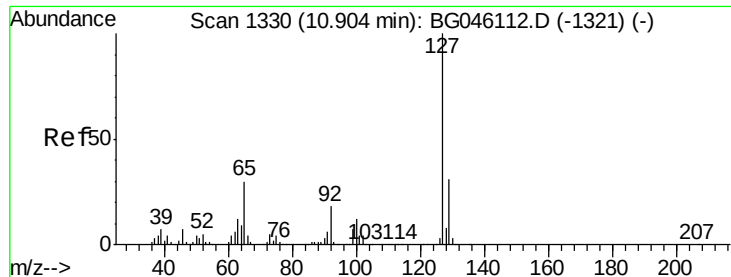
mohammad
8/3/2020 12:22:19 PM



#32
Benzoic acid
Concen: 35.452 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.0	143.0
77	92.3	75.2	115.2





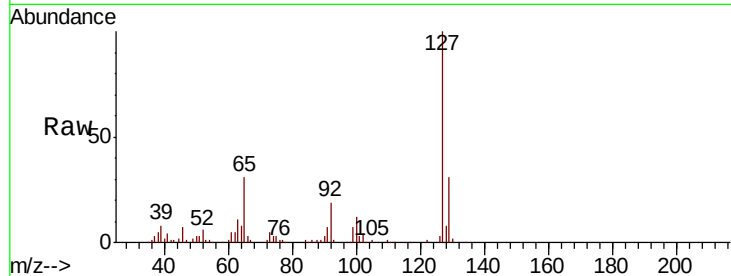
#33
4-Chloroaniline
Concen: 15.211 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampled :
TP-1-DMS

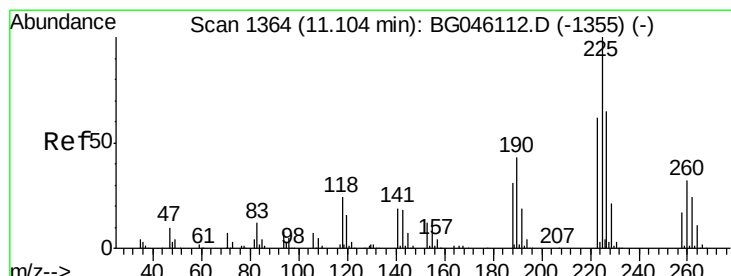
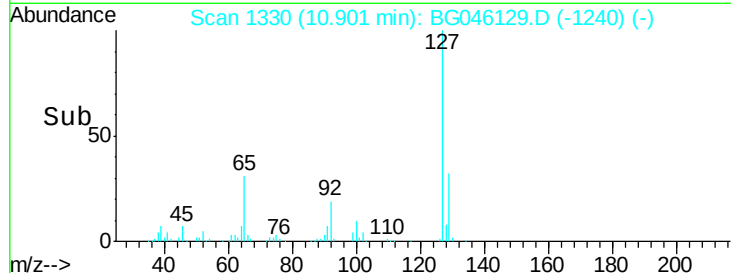
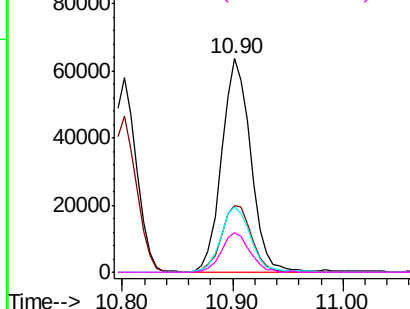
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		117797		
129	31.4	25.2	37.8		
65	30.8	24.2	36.2		
92	18.9	14.5	21.7		

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM

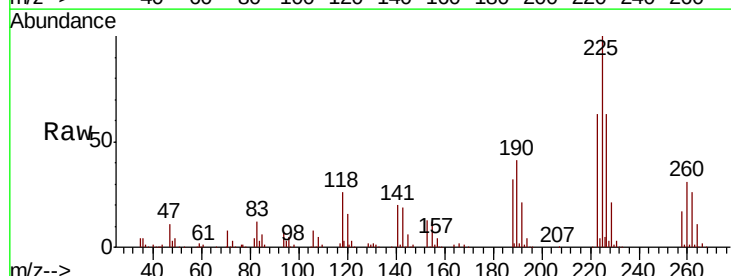


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

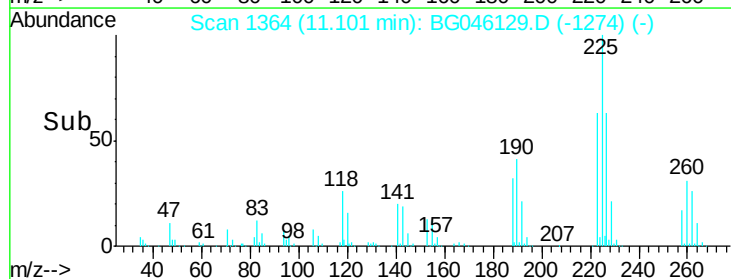
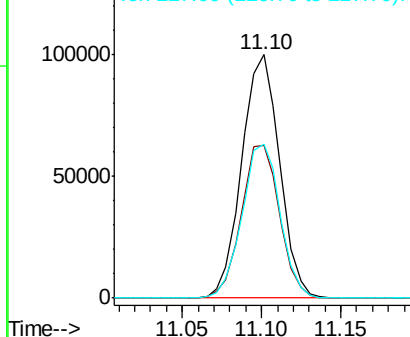


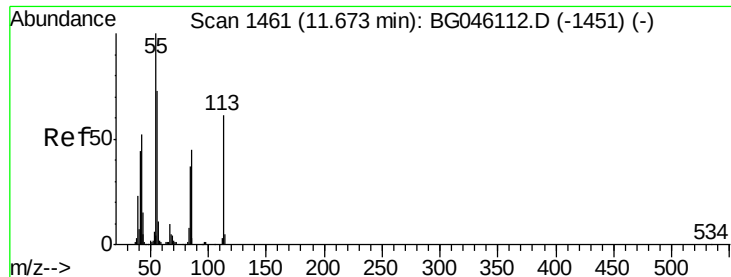
#34
Hexachlorobutadiene
Concen: 34.727 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		165667		
223	62.9	49.8	74.6		
227	63.4	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.912 ng/ml

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:113 Resp: 87924

Ion Ratio Lower Upper

113 100

55 182.5 144.7 184.7

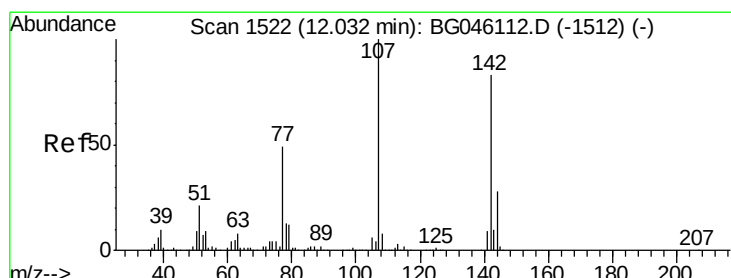
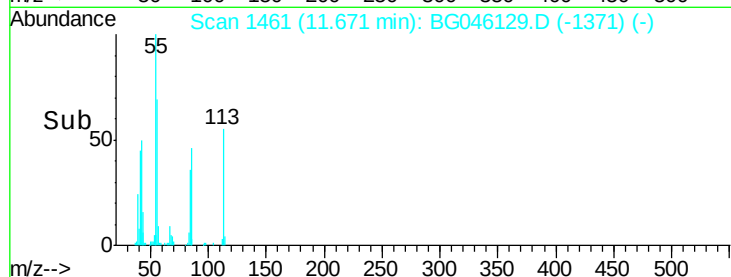
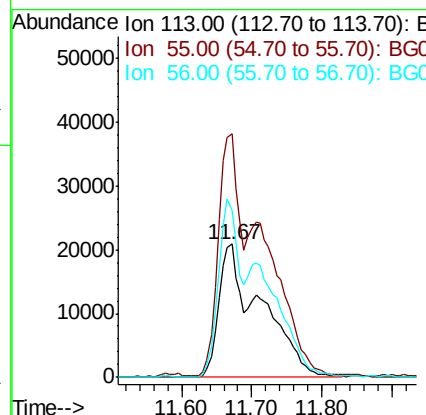
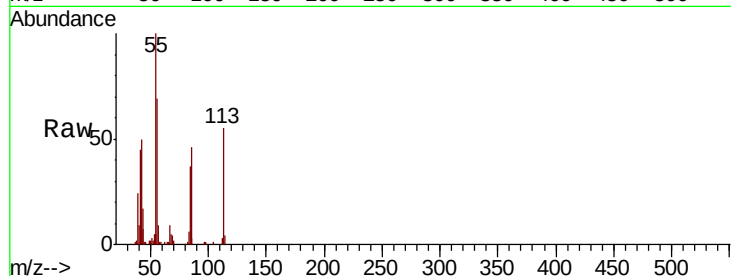
56 125.5 99.4 139.4

Manual Integrations

APPROVED

mohammad

8/3/2020 12:22:19 PM



#36

4-Chloro-3-methylphenol

Concen: 40.776 ng/ml

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

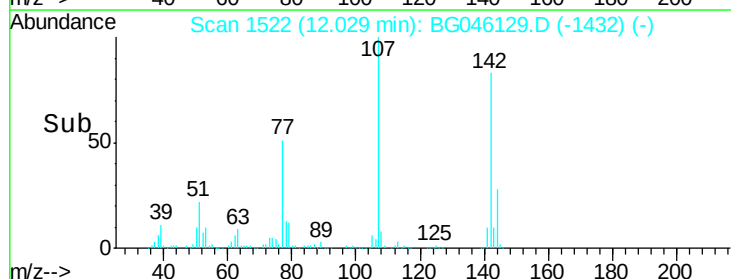
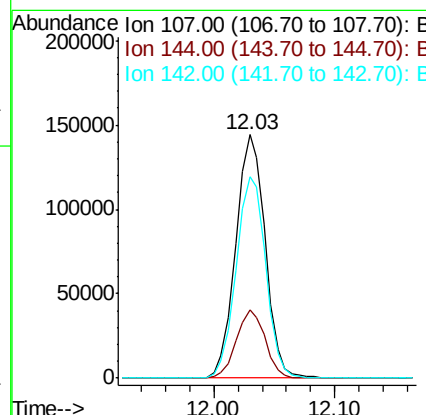
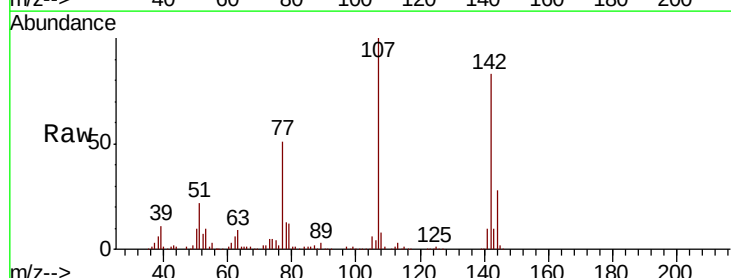
Tgt Ion:107 Resp: 244793

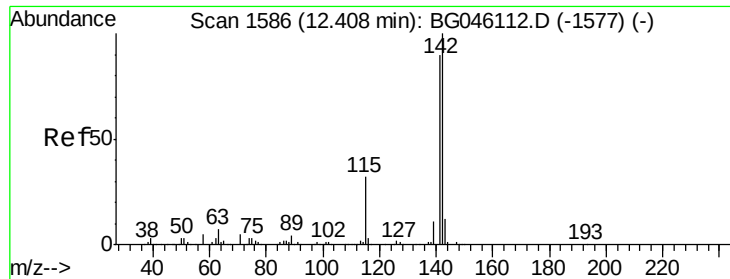
Ion Ratio Lower Upper

107 100

144 28.1 22.4 33.6

142 82.8 66.6 100.0





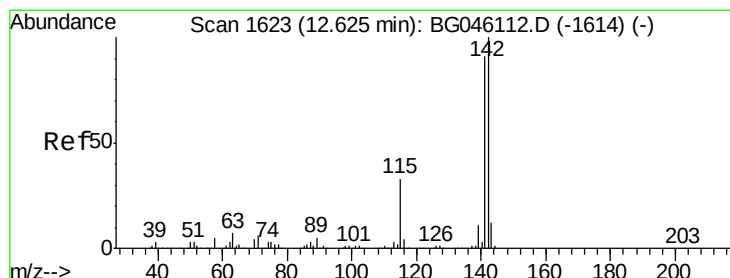
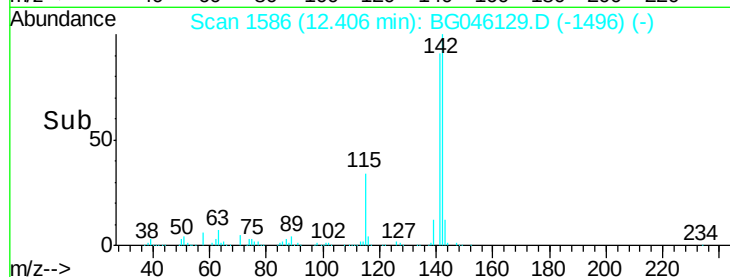
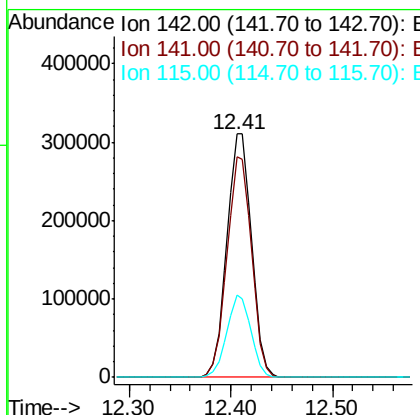
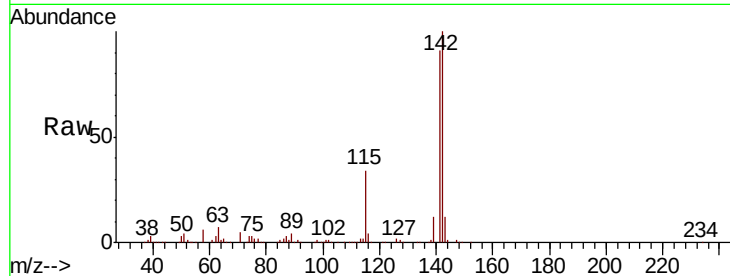
#37
2-Methylnaphthalene
Concen: 35.856 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.7	107.5
115	33.9	25.8	38.8

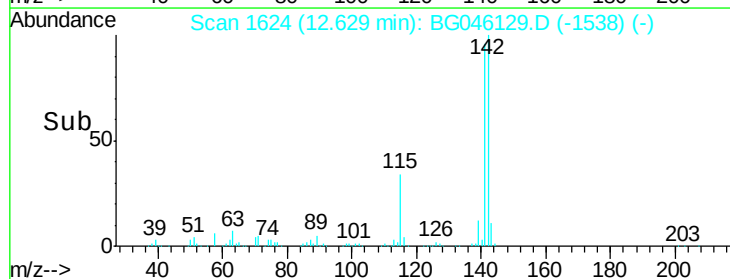
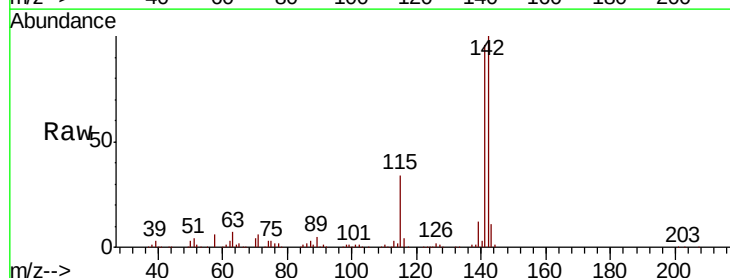
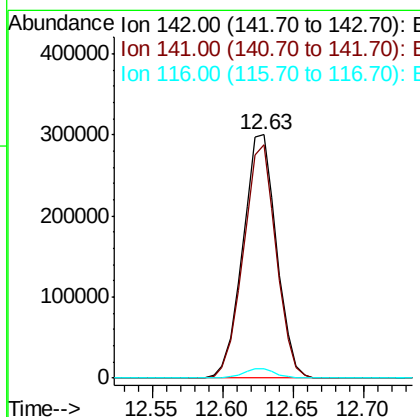
Manual Integrations
APPROVED

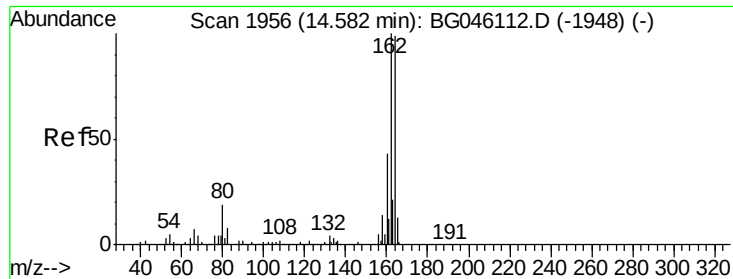
mohammad
8/3/2020 12:22:19 PM



#38
1-Methylnaphthalene
Concen: 36.282 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	73.0	109.4
116	3.7	2.8	4.2





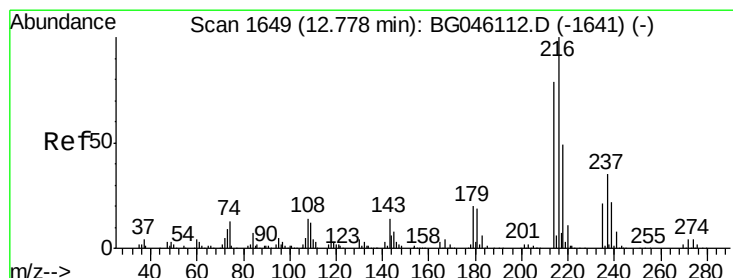
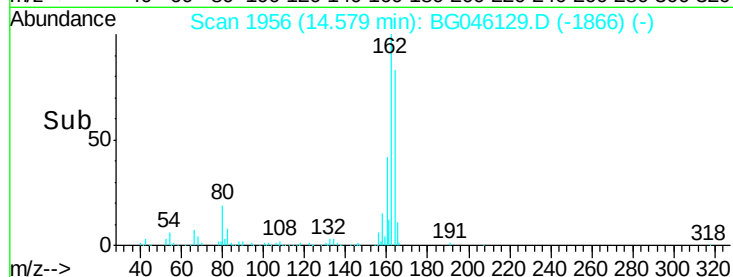
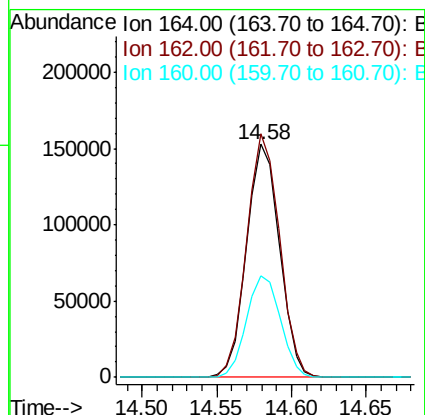
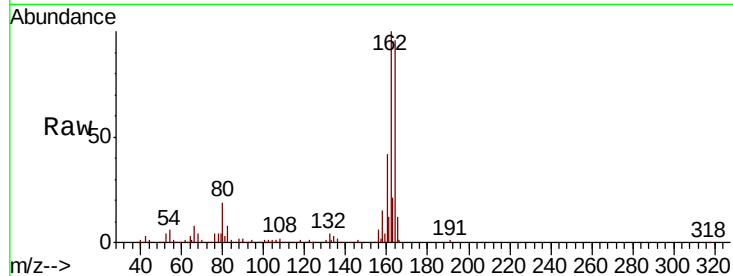
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion:	164	Resp:	233088
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.6	121.0
160	43.8	34.9	52.3

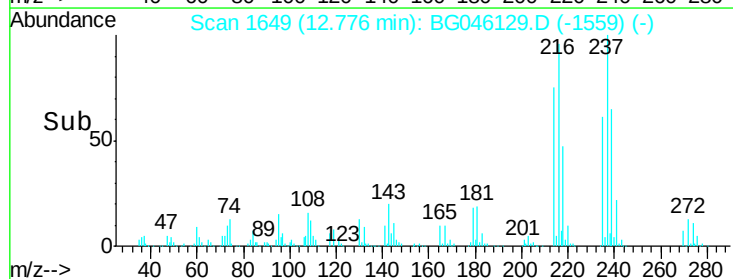
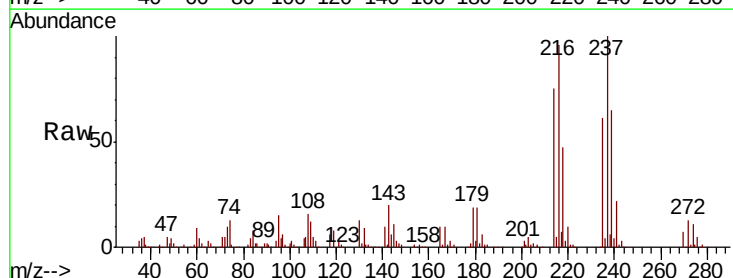
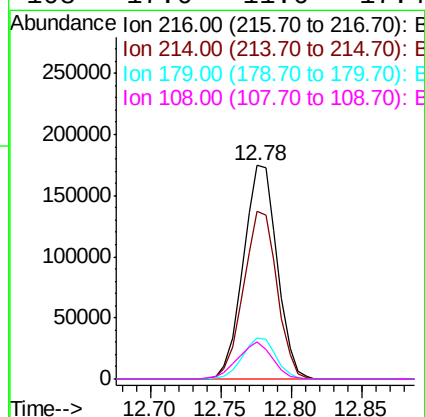
Manual Integrations
 APPROVED

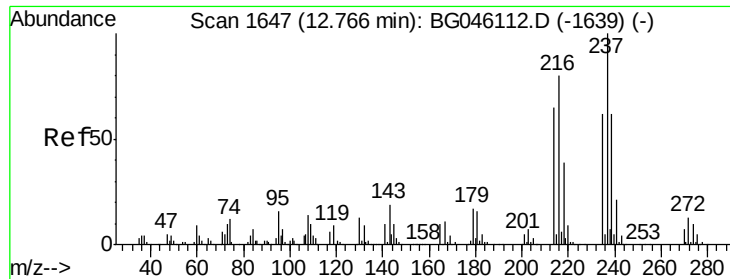
mohammad
 8/3/2020 12:22:19 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.843 ng
 RT: 12.78 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion:	216	Resp:	292618
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.7	94.1
179	19.1	15.0	22.6
108	17.6	11.6	17.4#





#41

Hexachlorocyclopentadiene

Concen: 86.458 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

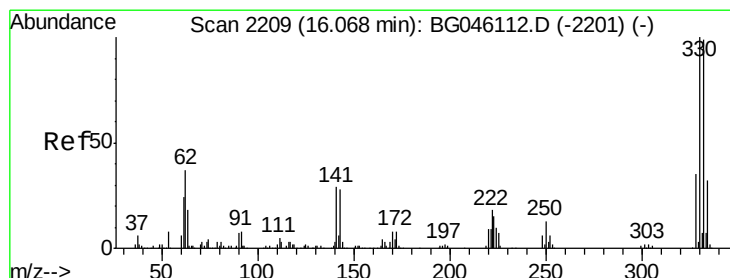
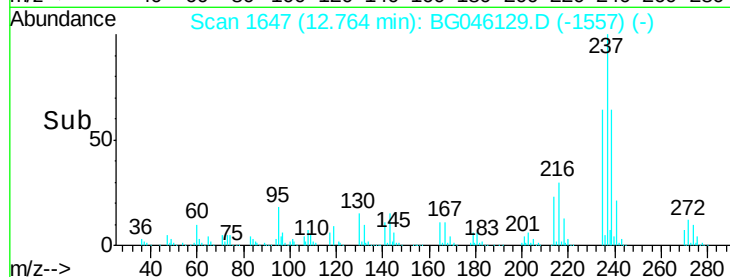
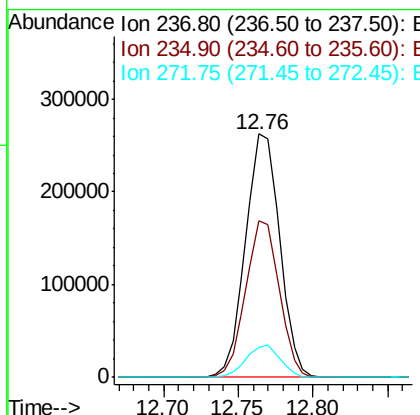
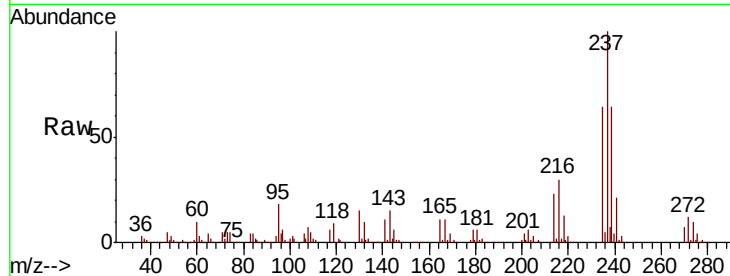
ClientSampleId :

TP-1-DMS

Tot Ion:	237	Resp:	416480
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.3	82.3
272	12.5	0.0	32.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#42

2,4,6-Tribromophenol

Concen: 106.713 ng

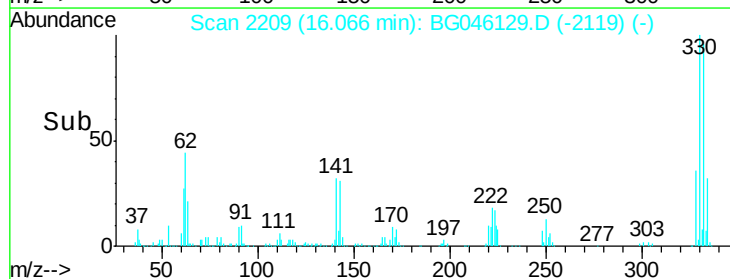
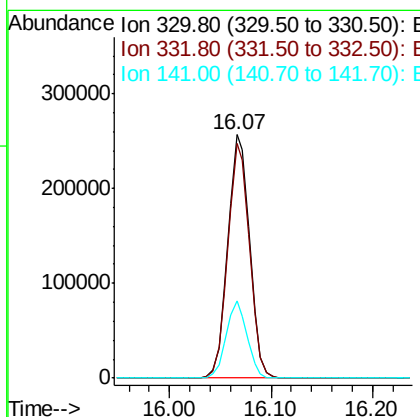
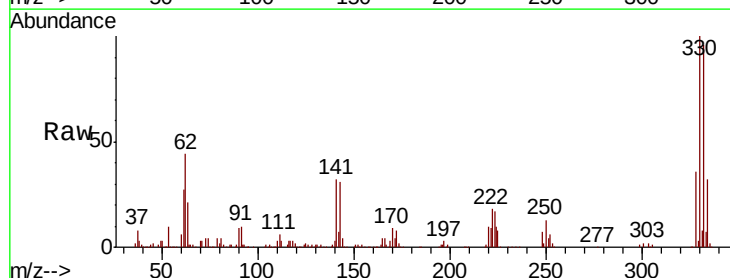
RT: 16.07 min Scan# 2209

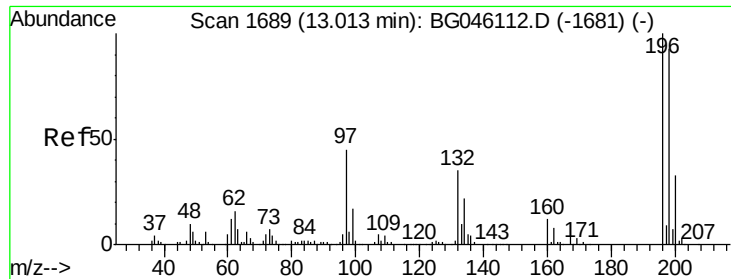
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	330	Resp:	382051
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	30.6	23.4	35.0





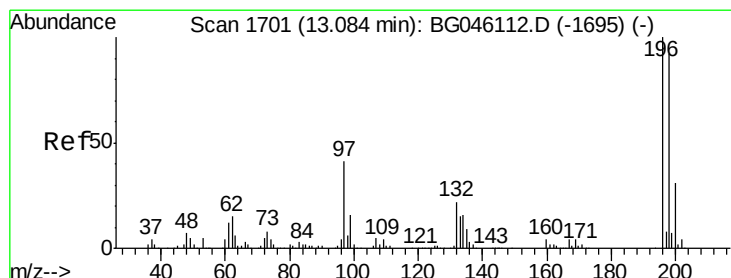
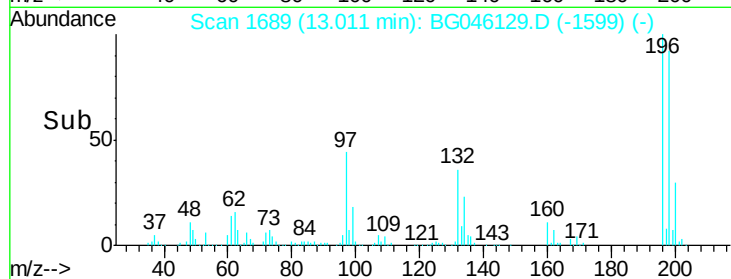
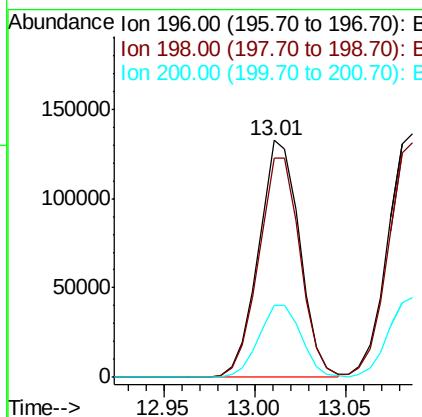
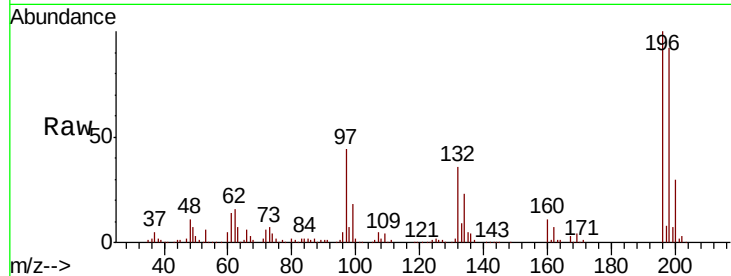
#43
 2,4,6-Trichlorophenol
 Concen: 38.807 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207930		
198	92.4		74.2	111.4
200	30.2		26.0	39.0

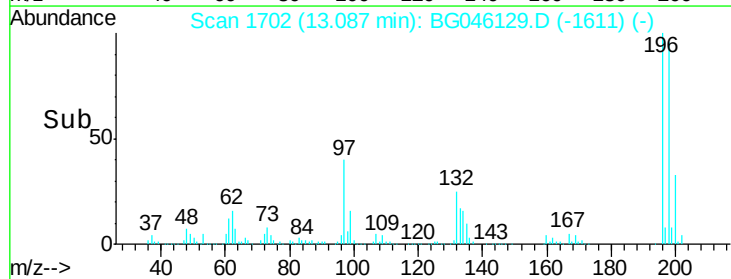
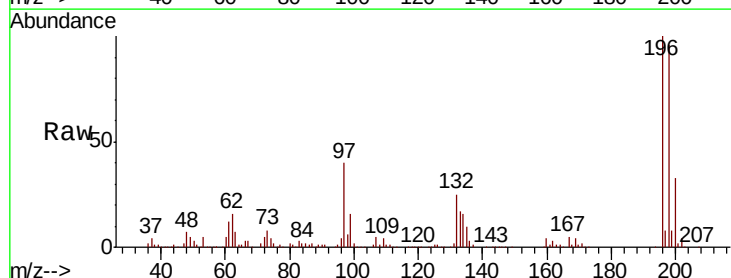
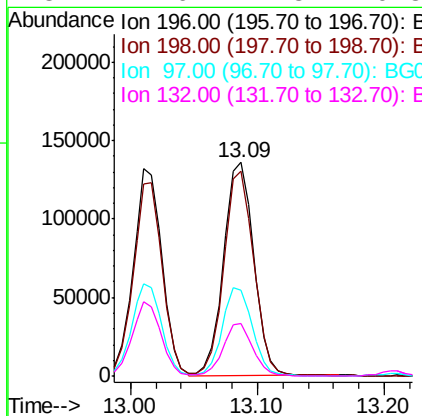
Manual Integrations
 APPROVED

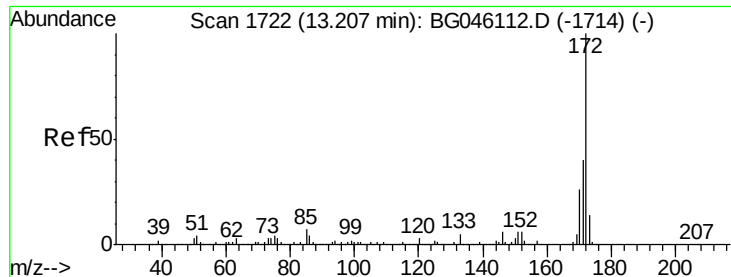
mohammad
 8/3/2020 12:22:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.202 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223335		
198	96.2		73.9	110.9
97	40.3		32.7	49.1
132	24.6		17.8	26.8





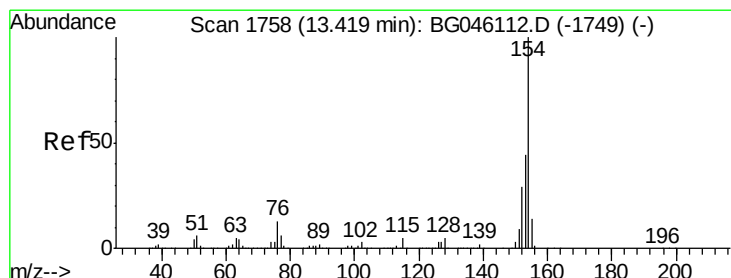
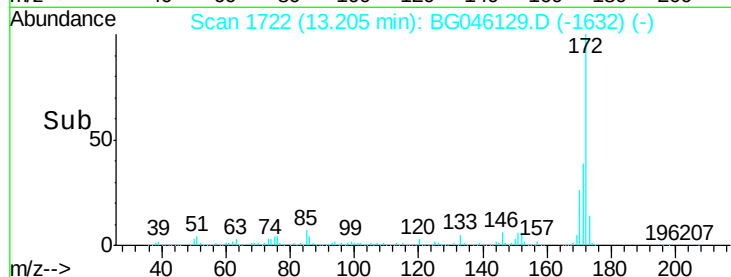
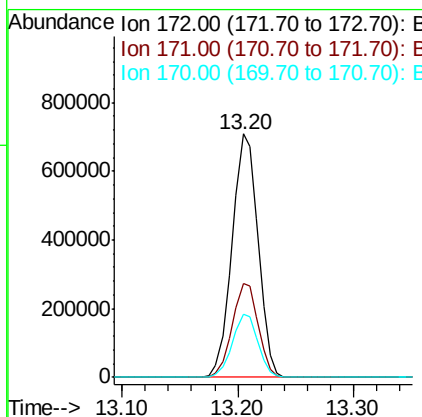
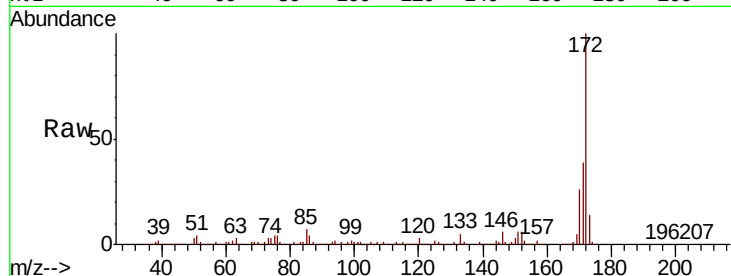
#45
2-Fluorobiphenyl
Concen: 68.718 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.7	47.5
170	25.8	20.9	31.3

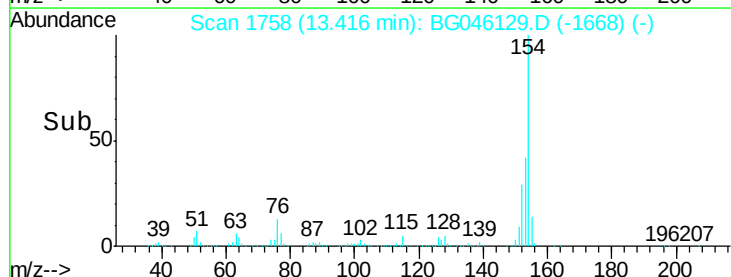
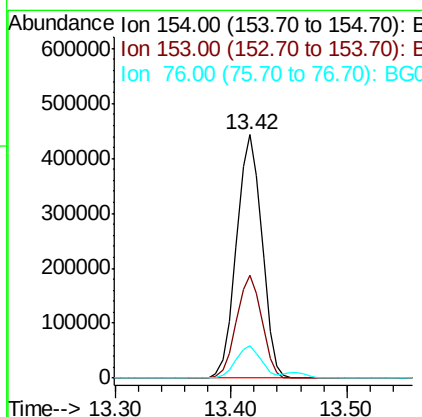
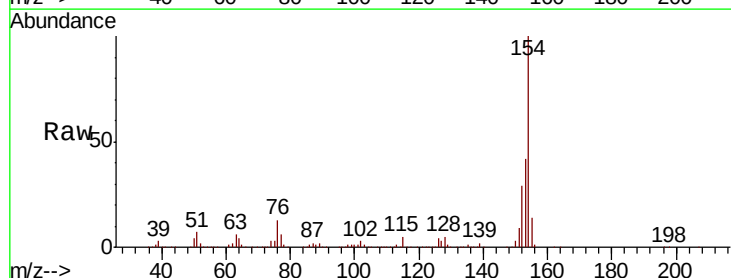
Manual Integrations
APPROVED

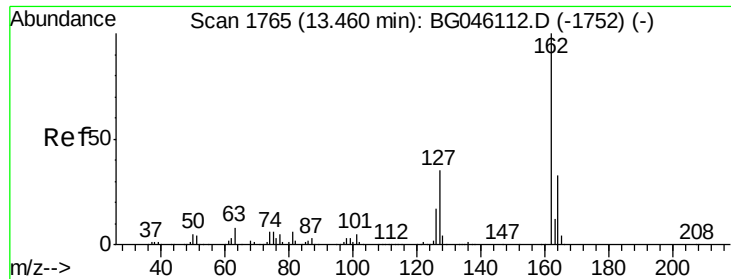
mohammad
8/3/2020 12:22:19 PM



#46
1,1'-Biphenyl
Concen: 36.917 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.7	63.7
76	13.1	0.0	32.9





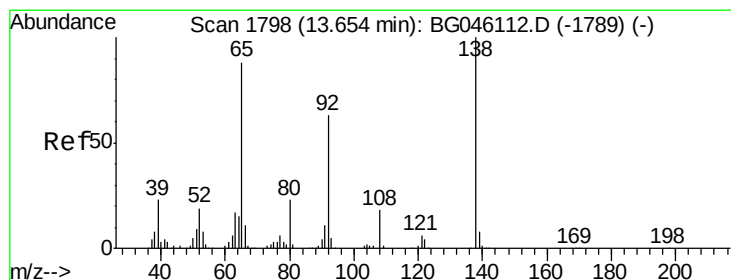
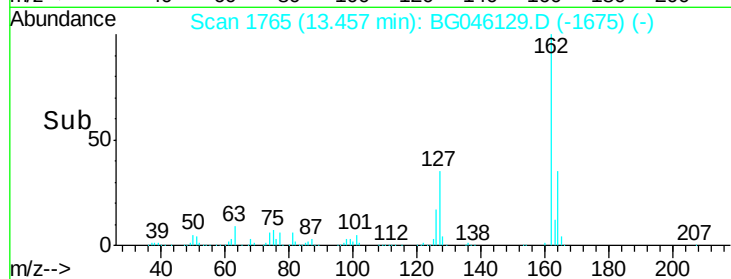
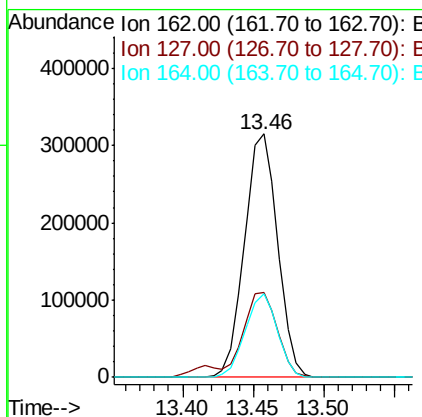
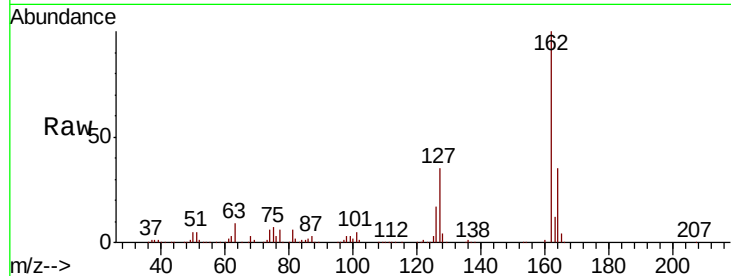
#47
2-Chloronaphthalene
Concen: 35.603 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.0	42.0
164	34.5	26.5	39.7

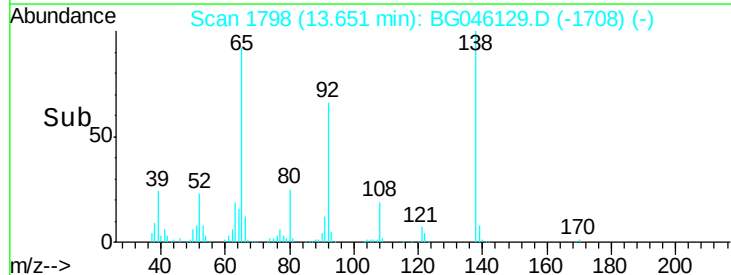
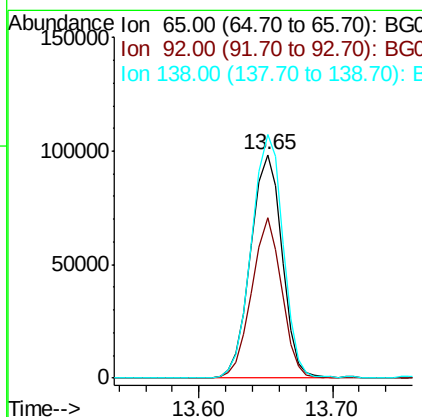
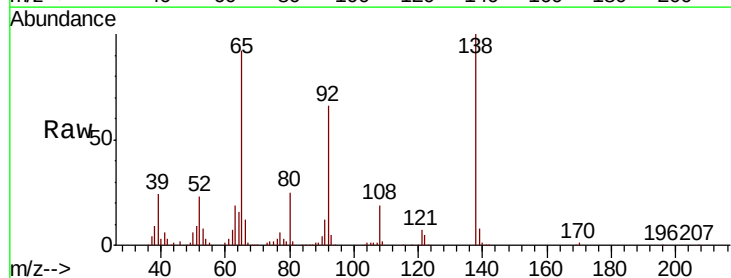
Manual Integrations
APPROVED

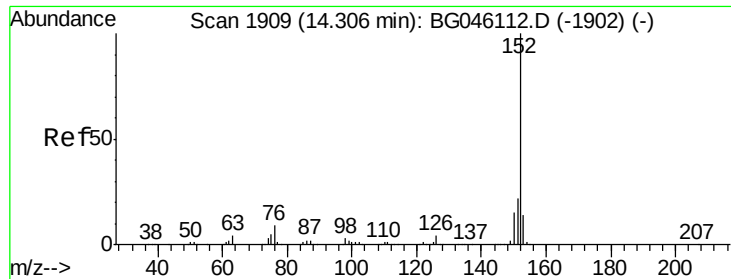
mohammad
8/3/2020 12:22:19 PM



#48
2-Nitroaniline
Concen: 41.827 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.4	86.2
138	108.9	91.1	136.7





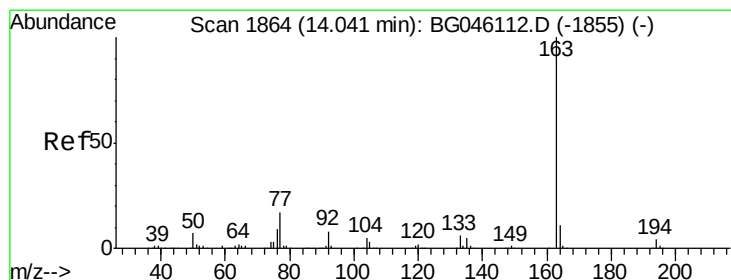
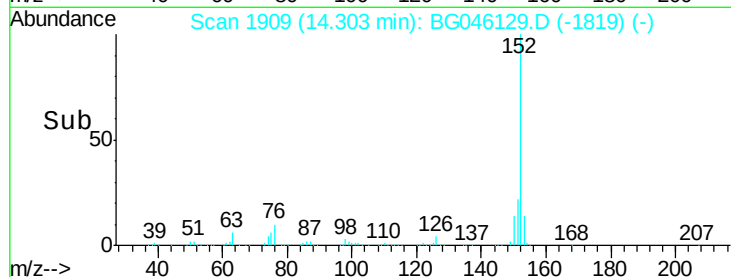
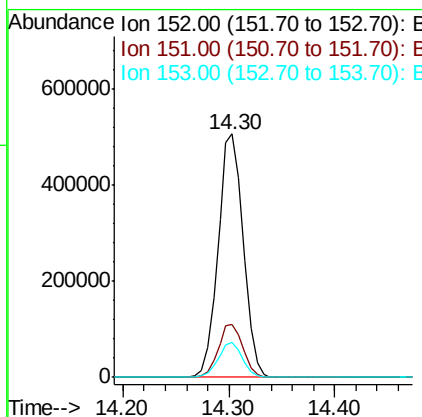
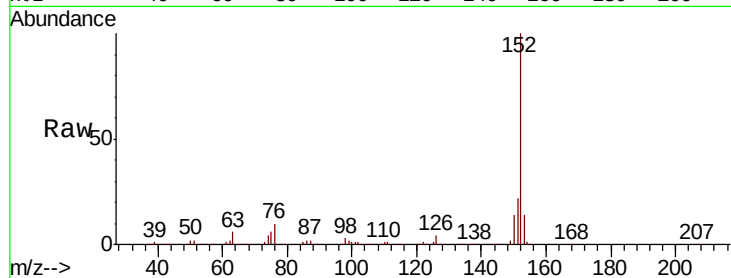
#49
Acenaphthylene
Concen: 36.947 ng
RT: 14.30 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.2
153	14.3	10.9	16.3

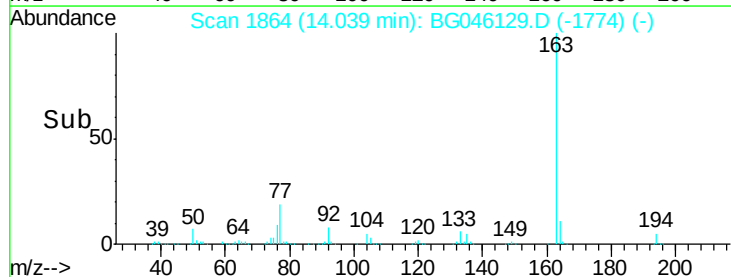
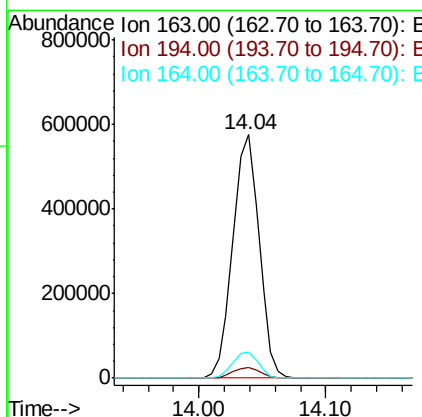
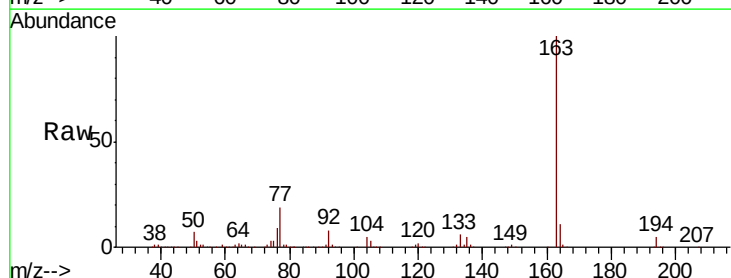
Manual Integrations
APPROVED

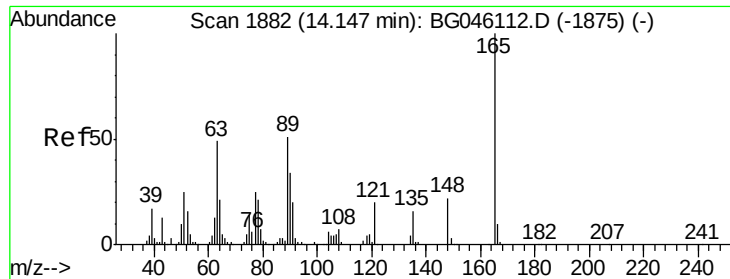
mohammad
8/3/2020 12:22:19 PM



#50
Dimethylphthalate
Concen: 46.082 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.8	13.2





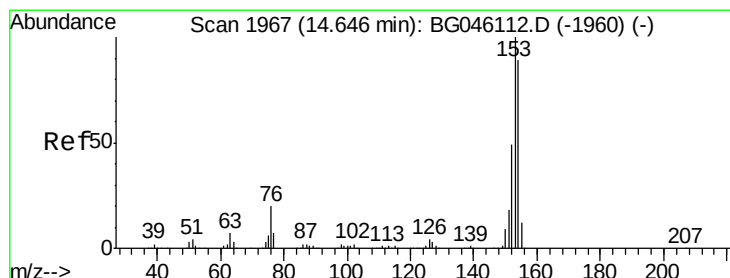
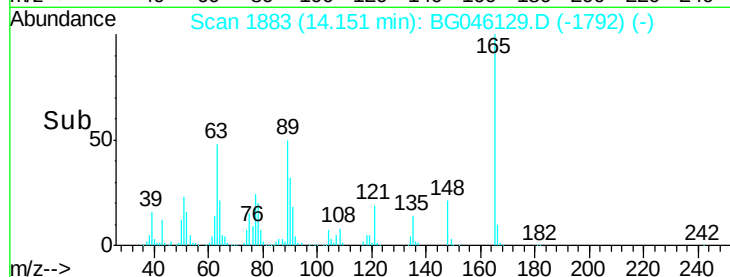
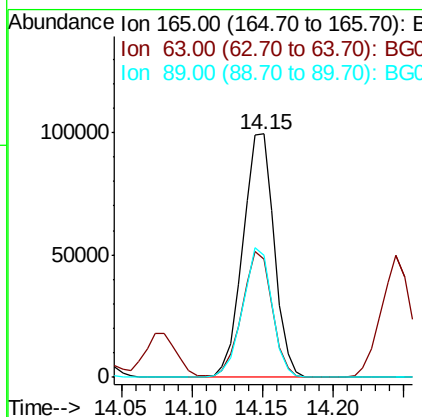
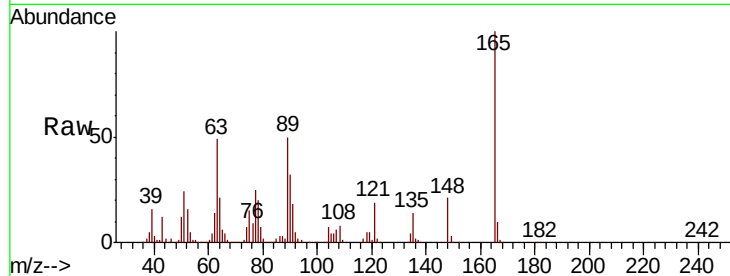
#51
2,6-Dinitrotoluene
Concen: 37.066 ng
RT: 14.15 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154327		
63	48.5		39.7	59.5
89	50.1		41.0	61.6

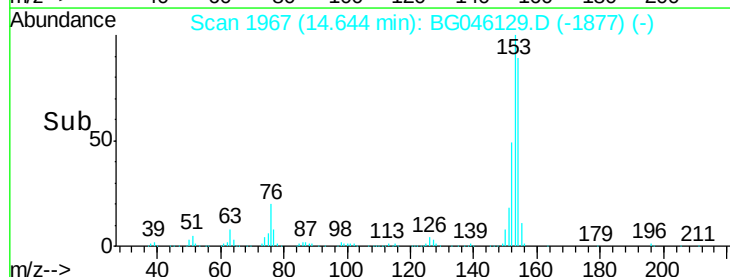
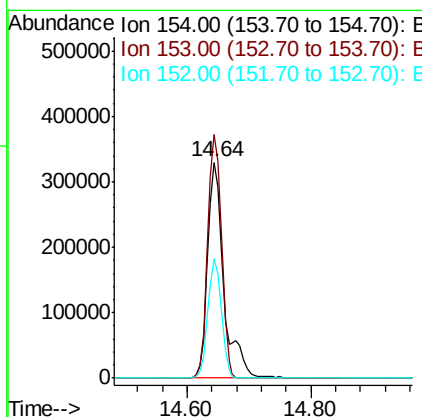
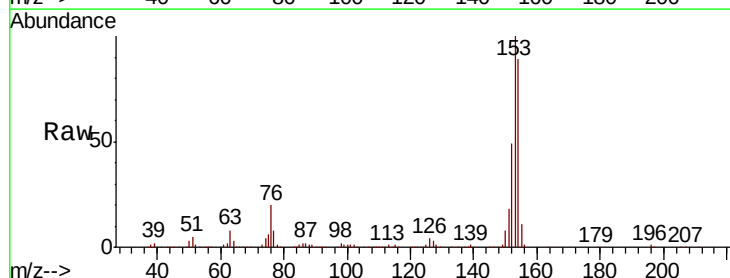
Manual Integrations
APPROVED

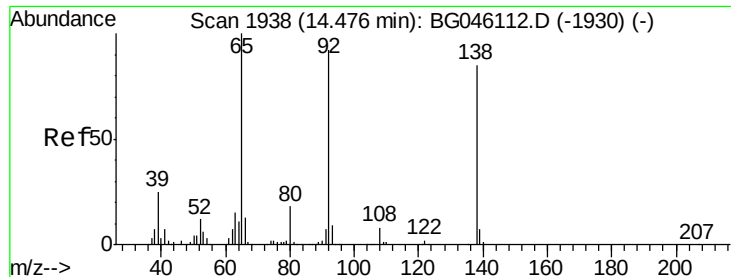
mohammad
8/3/2020 12:22:19 PM



#52
Acenaphthene
Concen: 39.793 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	594798		
153	112.9		89.8	134.8
152	55.1		44.5	66.7





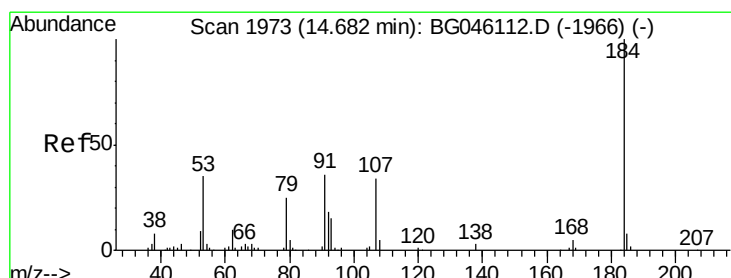
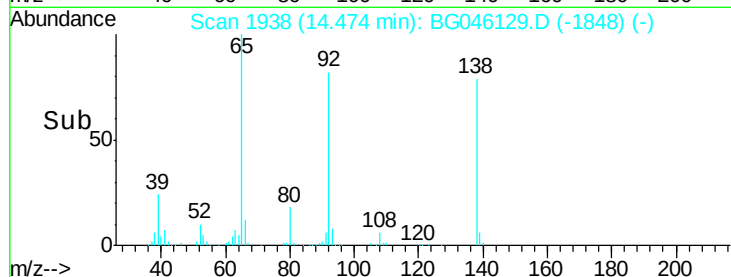
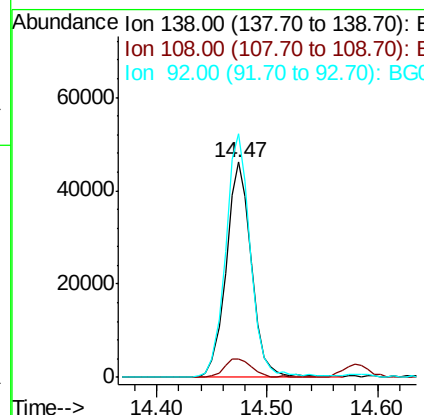
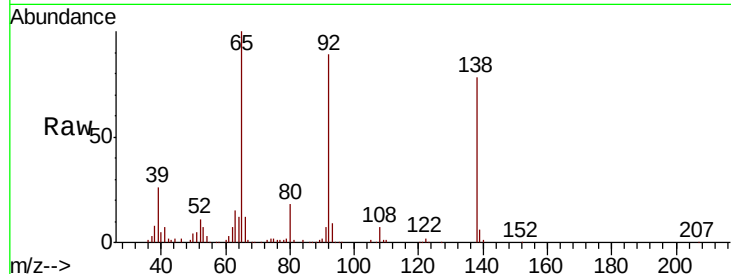
#53
3-Nitroaniline
Concen: 17.850 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.5	7.2	10.8
92	113.1	87.5	131.3

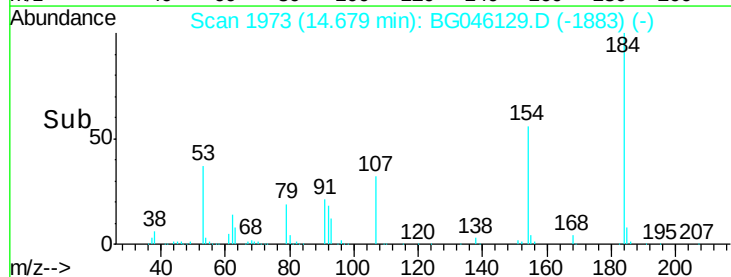
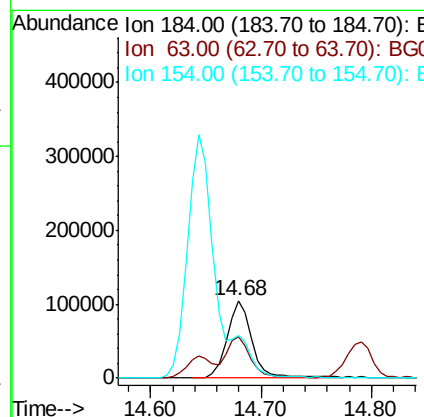
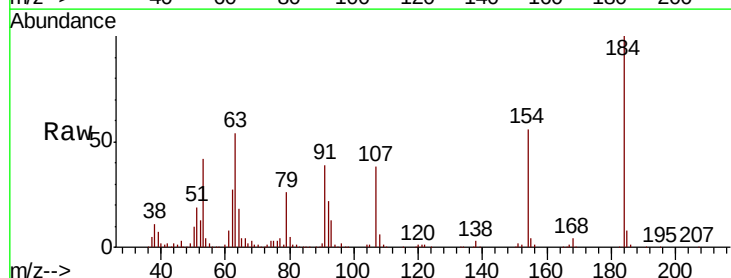
Manual Integrations
APPROVED

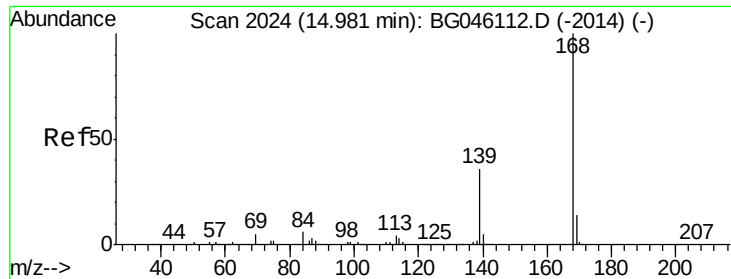
mohammad
8/3/2020 12:22:19 PM



#54
2,4-Dinitrophenol
Concen: 64.463 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.7	36.7	55.1
154	55.5	41.3	61.9





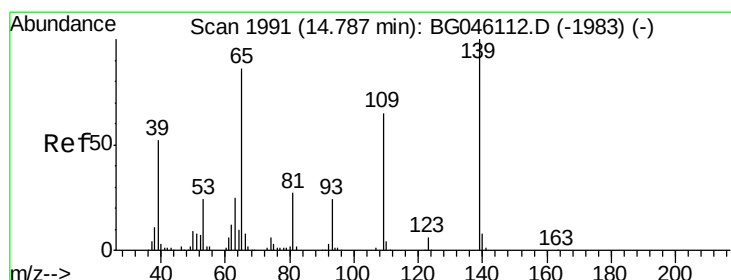
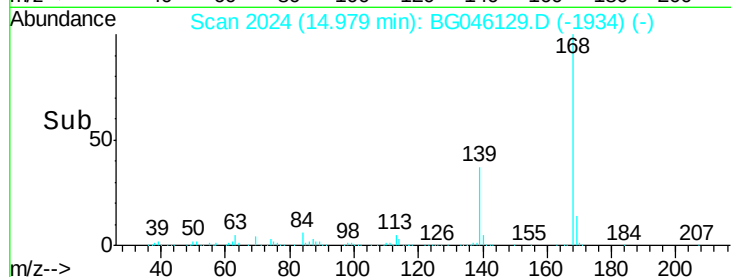
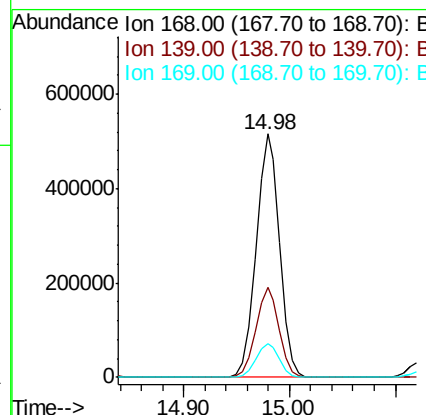
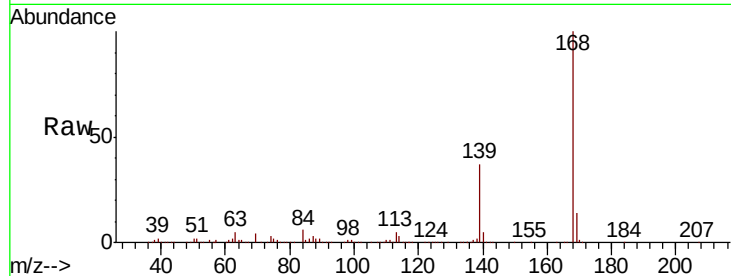
#55
Dibenzenofuran
Concen: 35.158 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.0	43.4
169	13.7	11.3	16.9

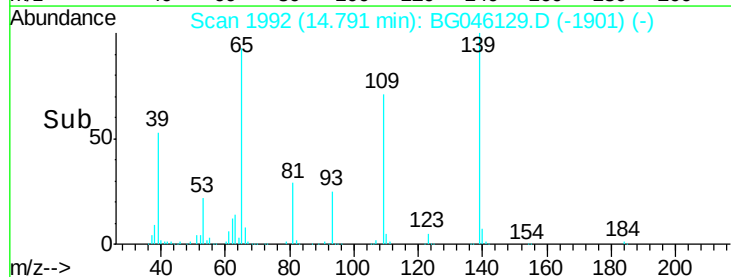
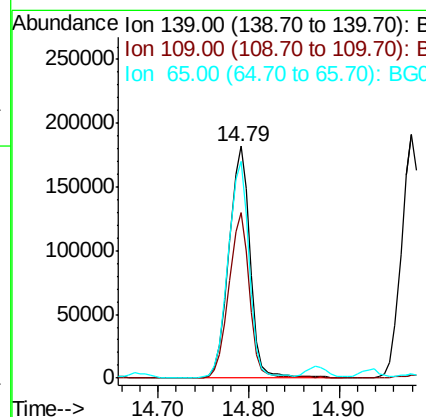
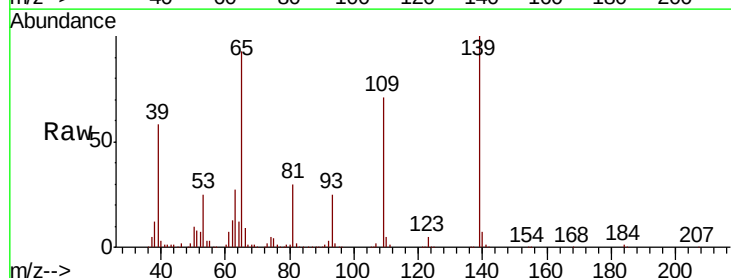
Manual Integrations
APPROVED

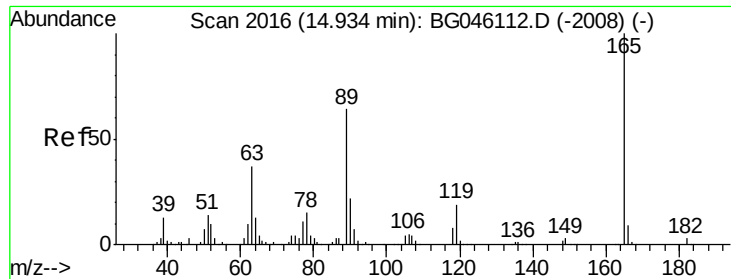
mohammad
8/3/2020 12:22:19 PM



#56
4-Nitrophenol
Concen: 82.429 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	45.1	85.1
65	93.5	66.4	106.4





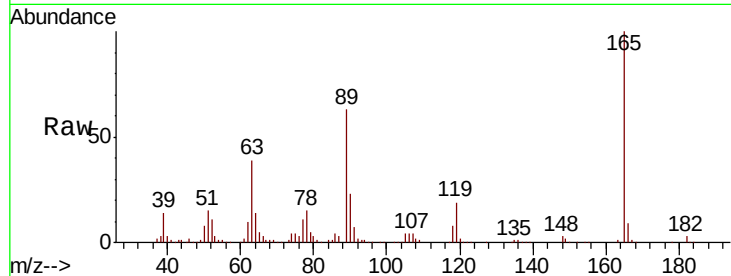
#57
2,4-Dinitrotoluene
Concen: 37.595 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

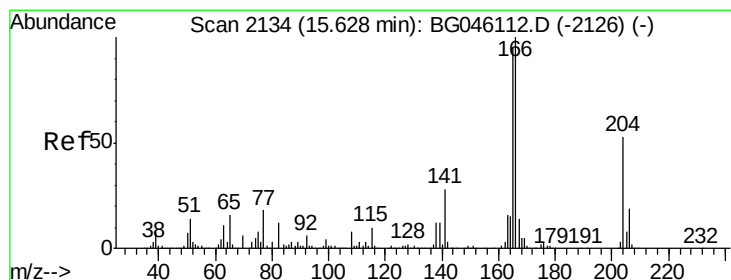
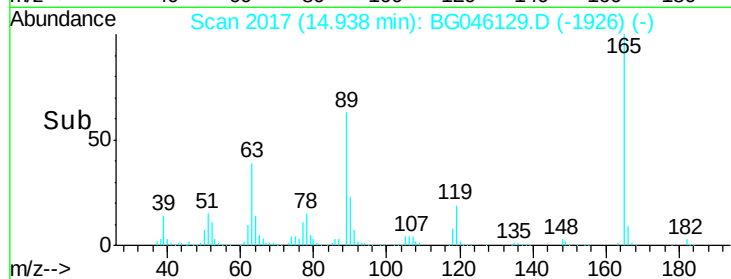
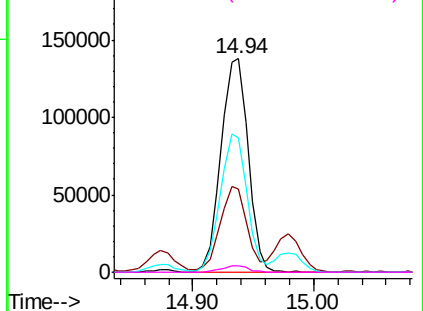
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		215213		
63	38.7	30.1	45.1		
89	62.7	51.4	77.2		
182	2.7	2.3	3.5		

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



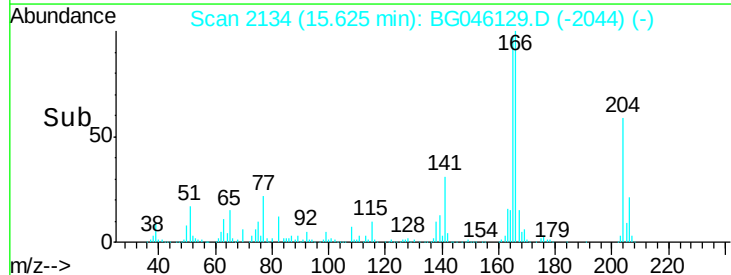
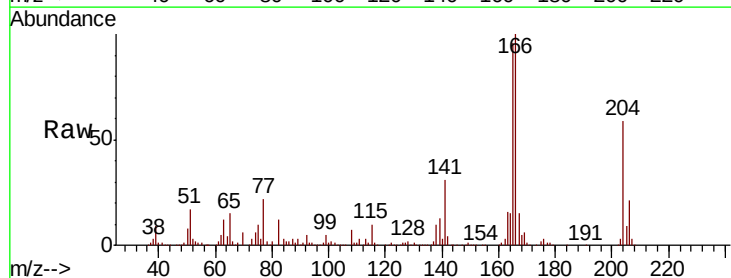
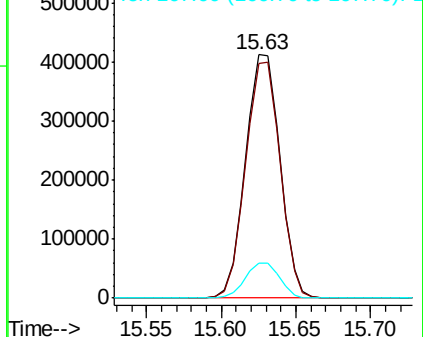
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

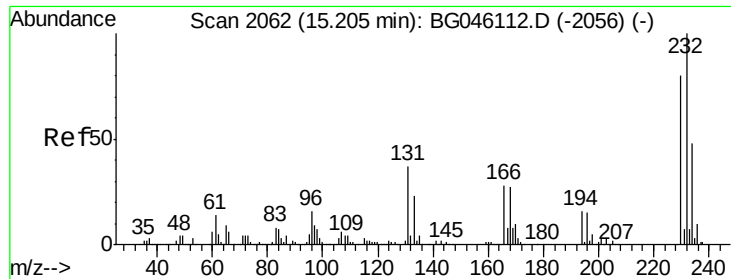


#58
Fluorene
Concen: 36.005 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		657664		
165	96.4	76.3	114.5		
167	14.6	11.0	16.6		

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





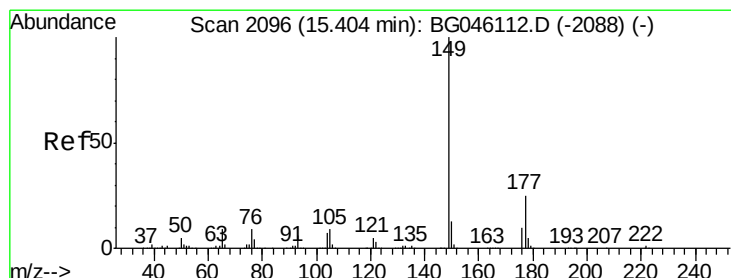
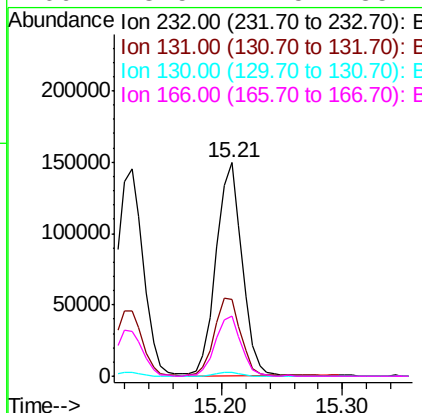
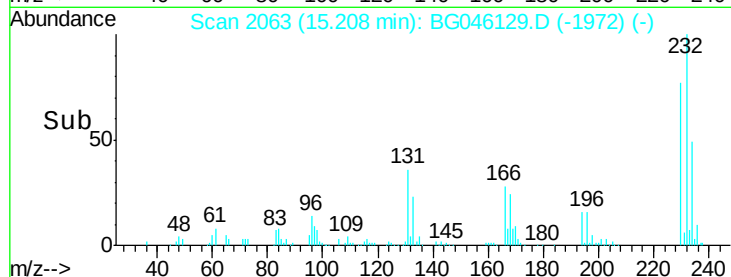
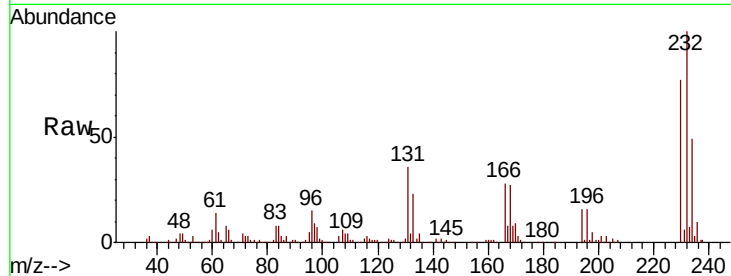
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.074 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.5	28.6	42.8
130	1.9	1.6	2.4
166	28.5	22.5	33.7

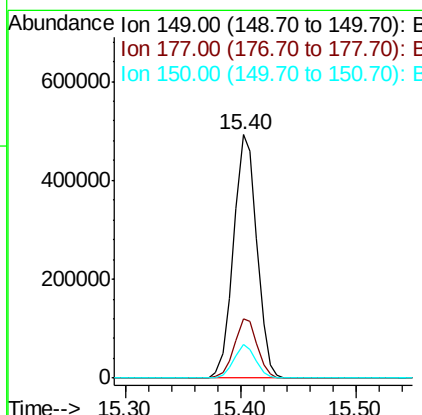
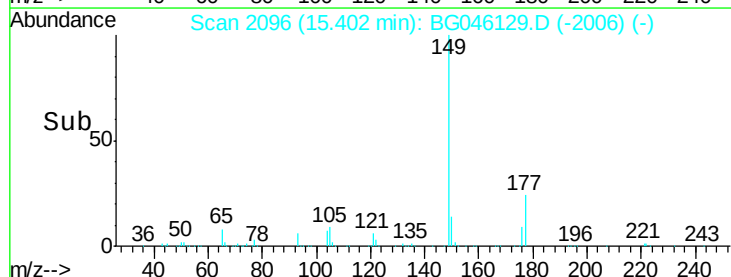
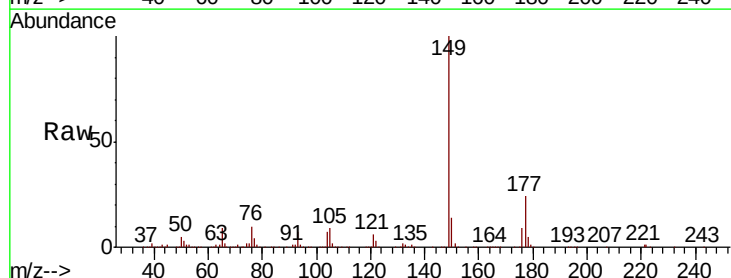
Manual Integrations
 APPROVED

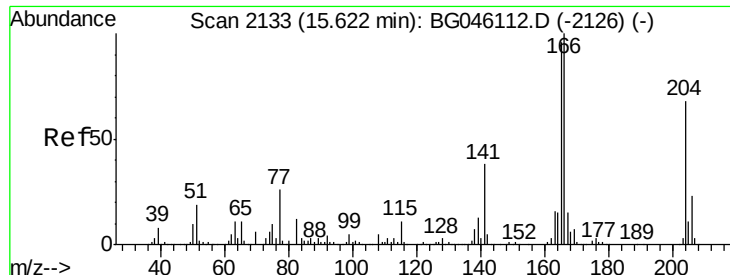
mohammad
 8/3/2020 12:22:19 PM



#60
 Diethylphthalate
 Concen: 38.956 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.7	29.5
150	13.6	10.8	16.2





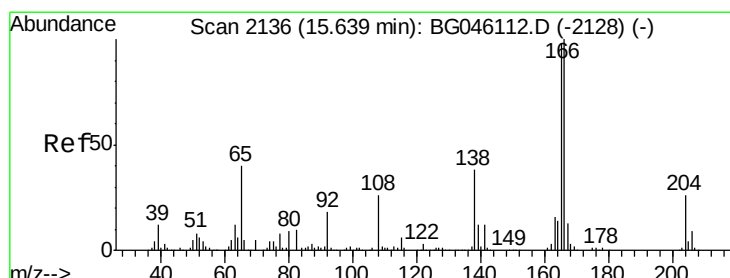
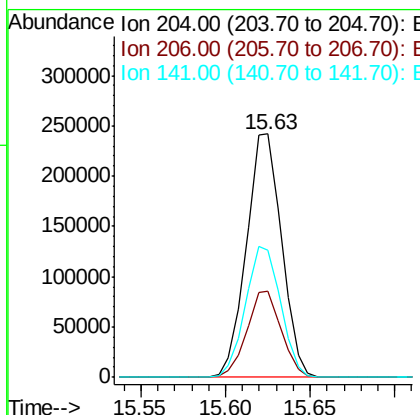
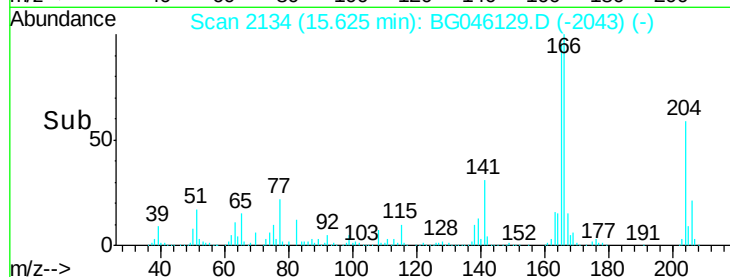
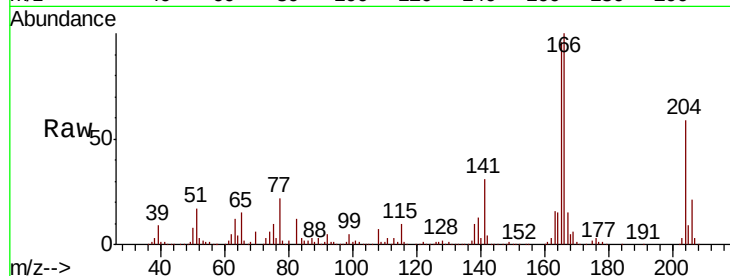
#61
 4-Chlorophenyl-phenylether
 Concen: 36.849 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.7	41.5
141	52.2	44.7	67.1

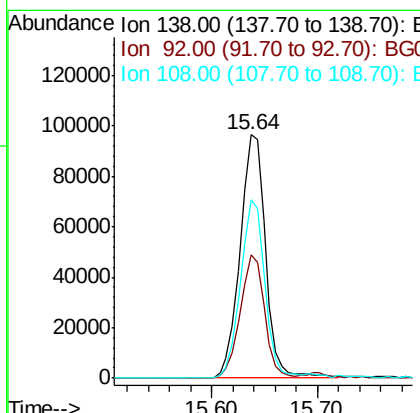
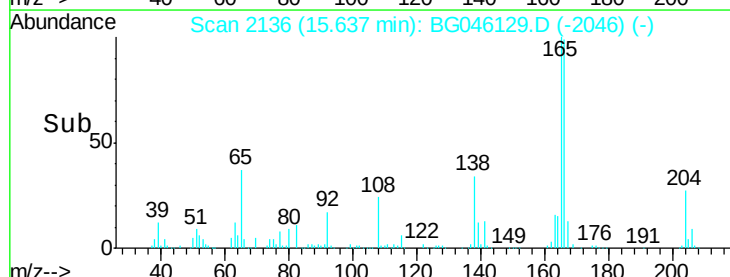
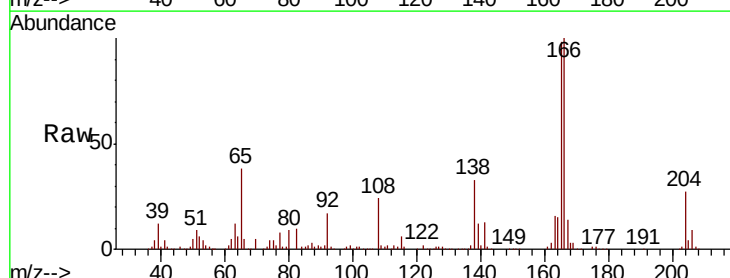
Manual Integrations
 APPROVED

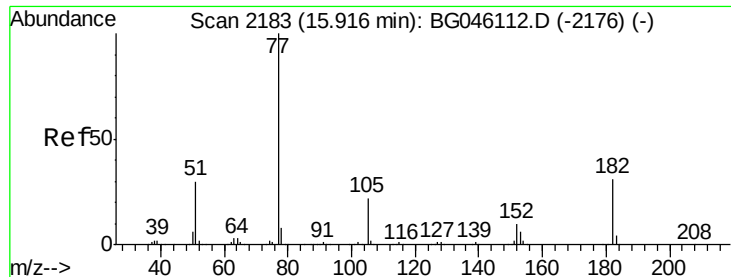
mohammad
 8/3/2020 12:22:19 PM



#62
 4-Nitroaniline
 Concen: 38.798 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	28.3	68.3
108	73.2	49.2	89.2





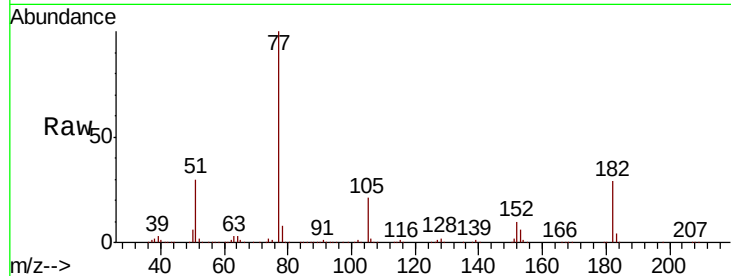
#63
Azobenzene
Concen: 37.761 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

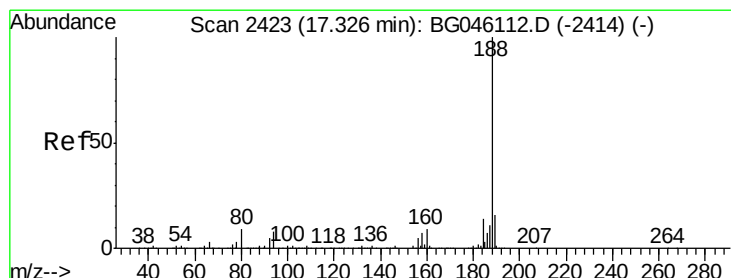
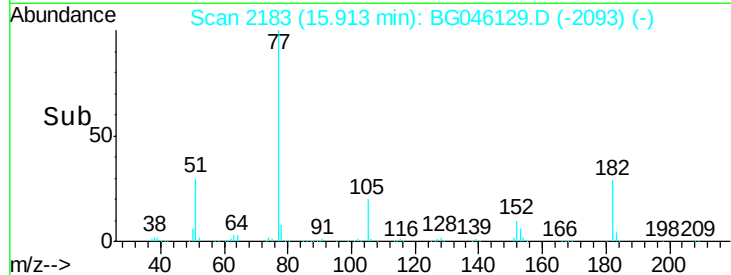
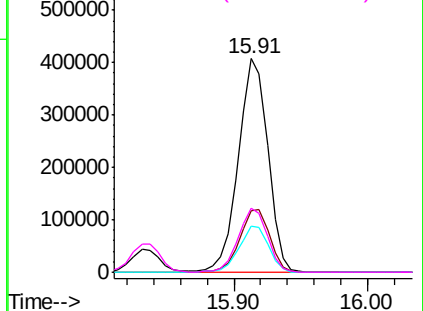
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.9	10.7	50.7	
105	21.4	1.9	41.9	
51	29.8	9.5	49.5	

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM

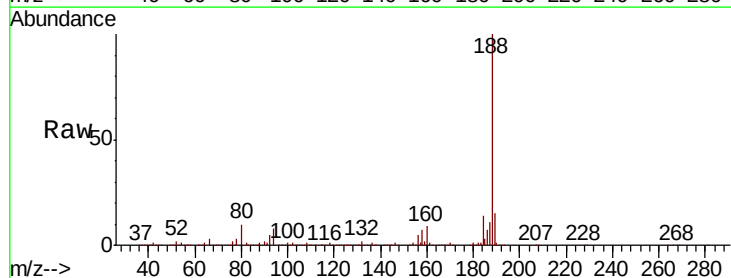


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

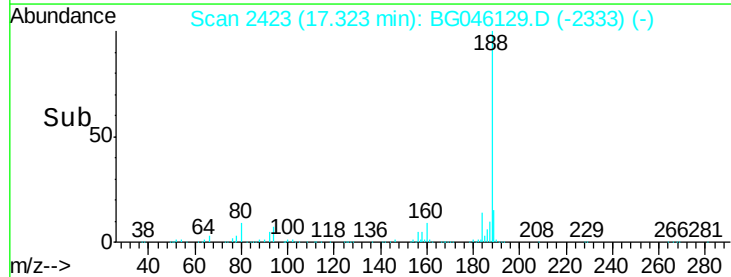
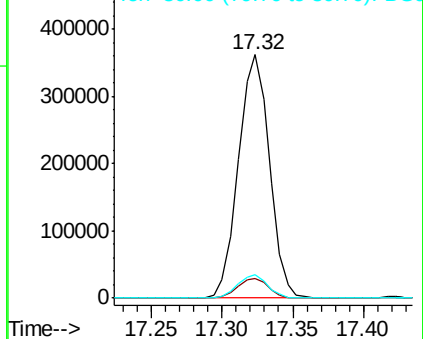


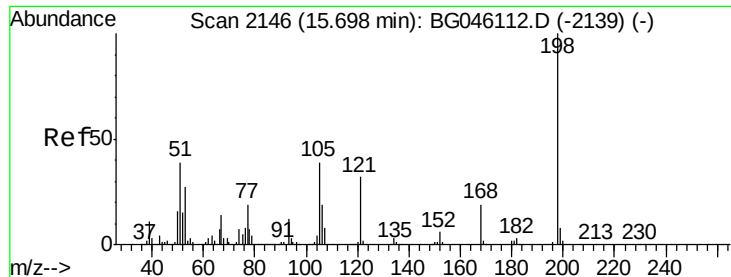
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.4	9.6	
80	9.7	7.4	11.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.849 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

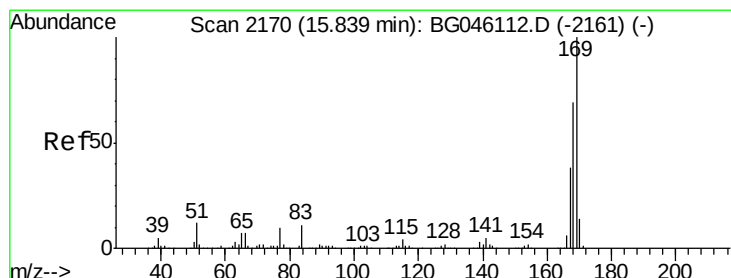
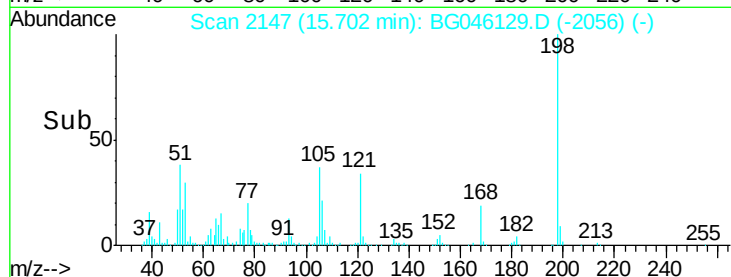
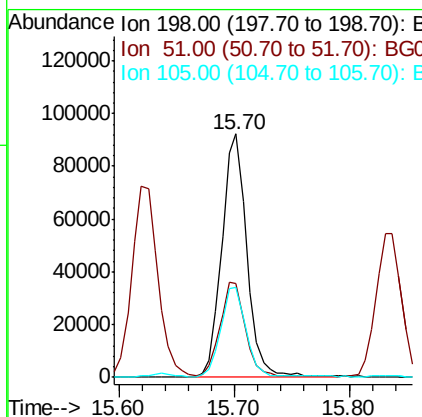
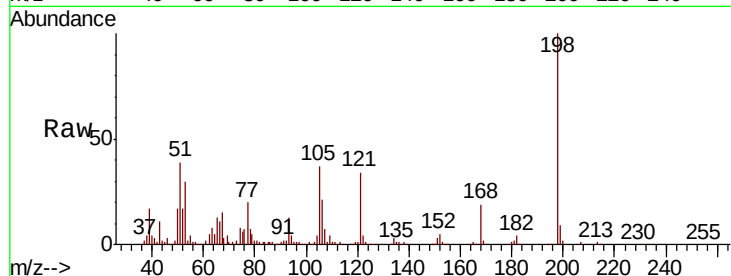
ClientSampleId :

TP-1-DMS

Tot Ion:	198	Resp:	138814
Ion	Ratio	Lower	Upper
198	100		
51	38.8	20.1	60.1
105	36.9	19.2	59.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#66

n-Nitrosodiphenylamine

Concen: 35.979 ng

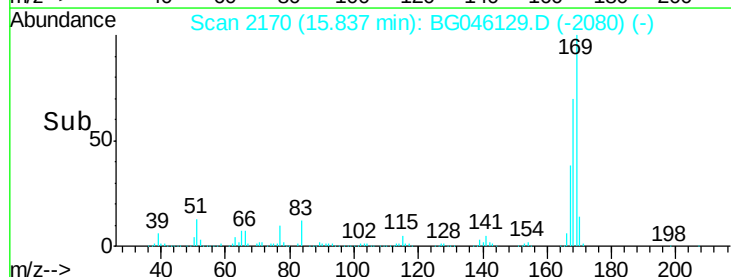
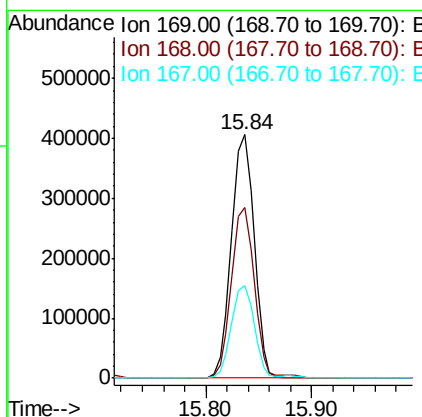
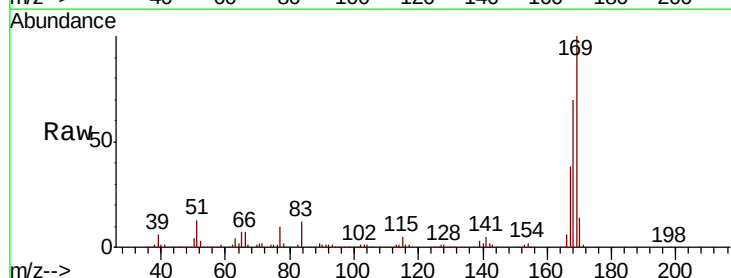
RT: 15.84 min Scan# 2170

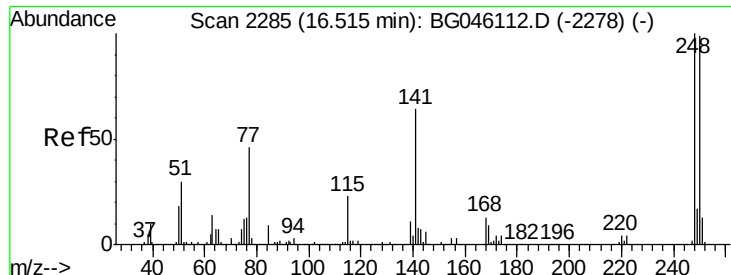
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	169	Resp:	603972
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.1	82.7
167	38.0	30.5	45.7





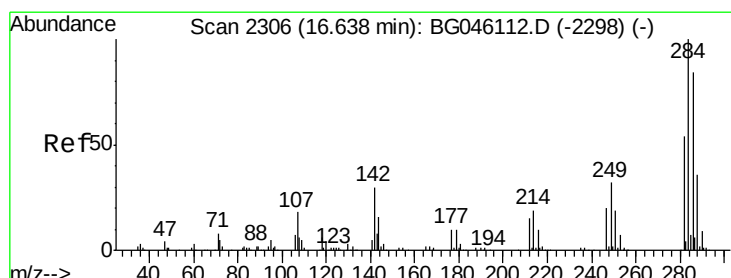
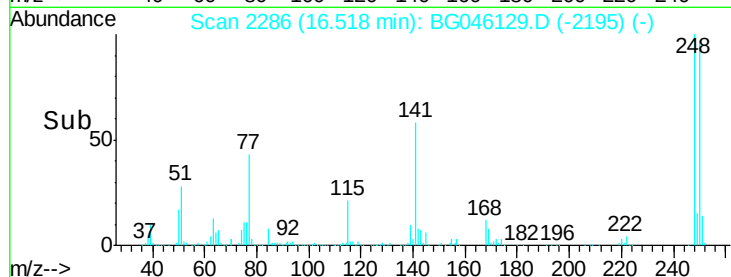
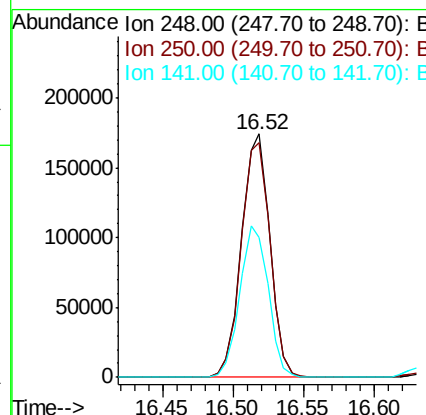
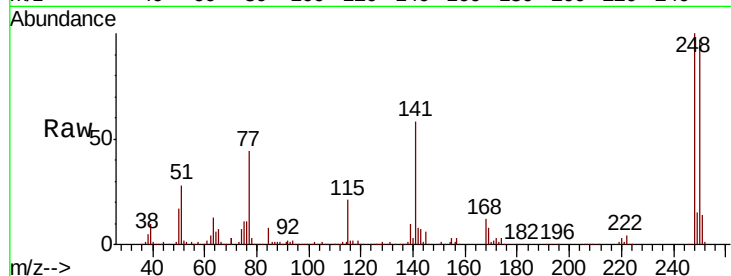
#67
 4-Bromophenyl-phenylether
 Concen: 35.712 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.0
141	57.7	50.9	76.3

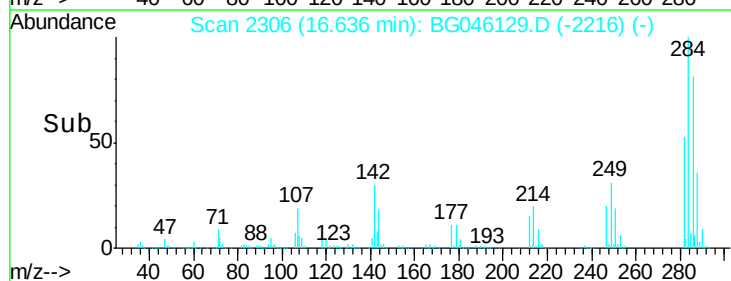
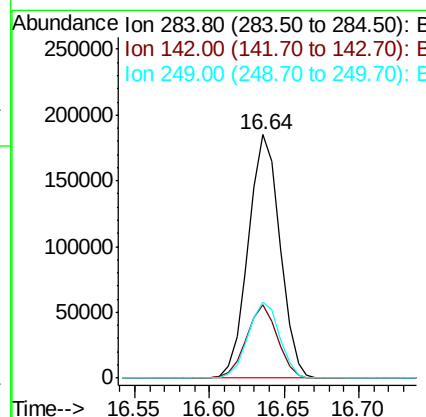
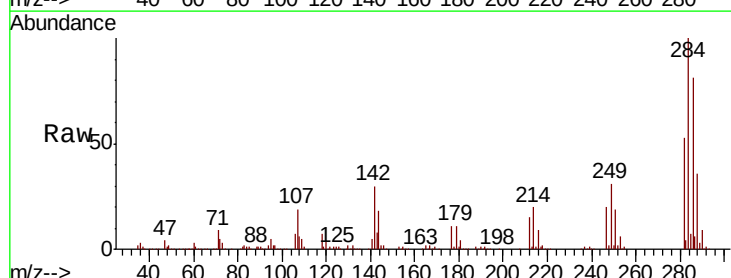
Manual Integrations
 APPROVED

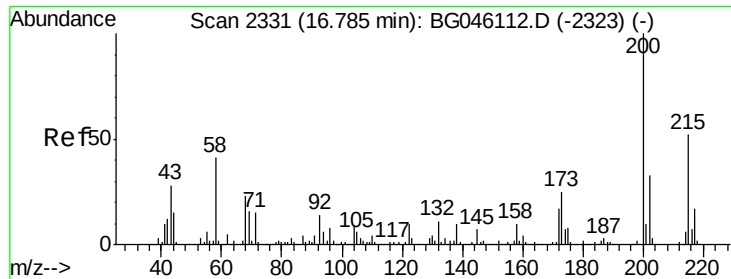
mohammad
 8/3/2020 12:22:19 PM



#68
 Hexachlorobenzene
 Concen: 35.251 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.6	35.4
249	31.0	25.3	37.9





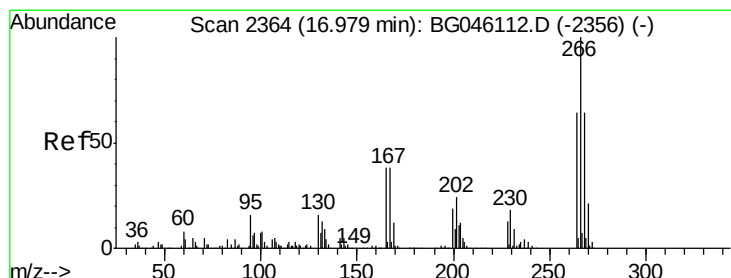
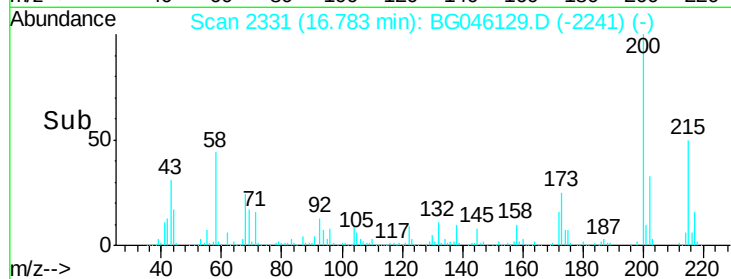
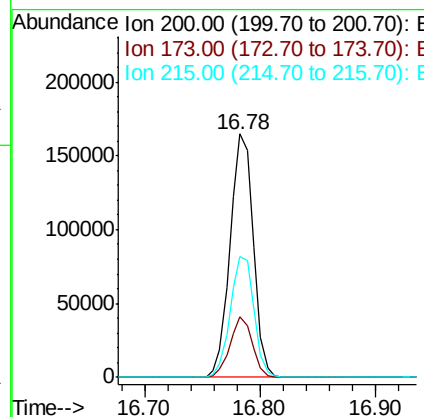
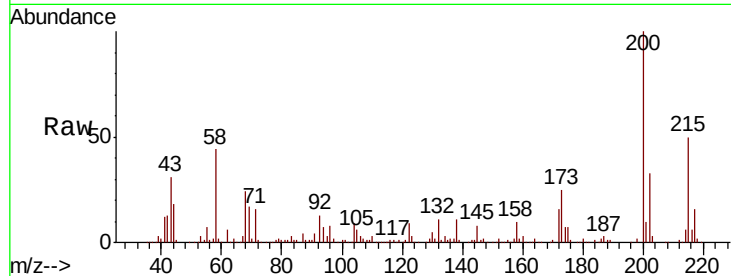
#69
 Atrazine
 Concen: 35.517 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampled :
 TP-1-DMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	229585		
173	25.0	5.3	45.3	
215	49.7	31.5	71.5	

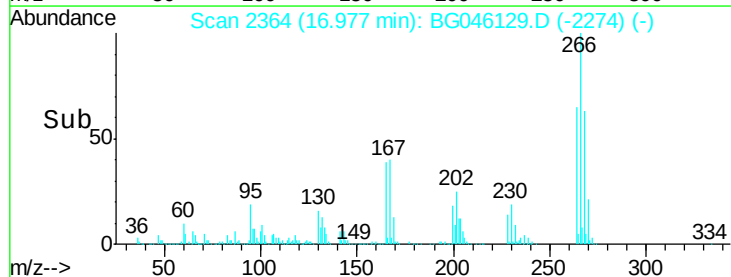
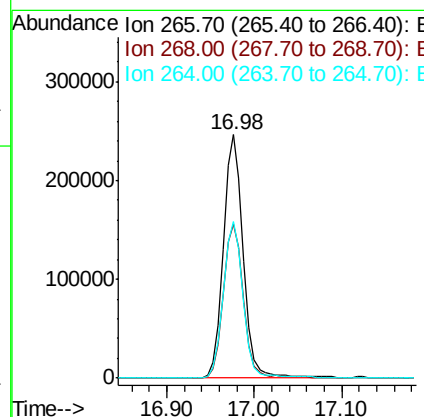
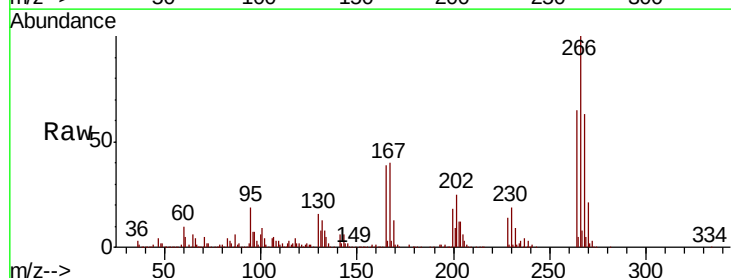
Manual Integrations
 APPROVED

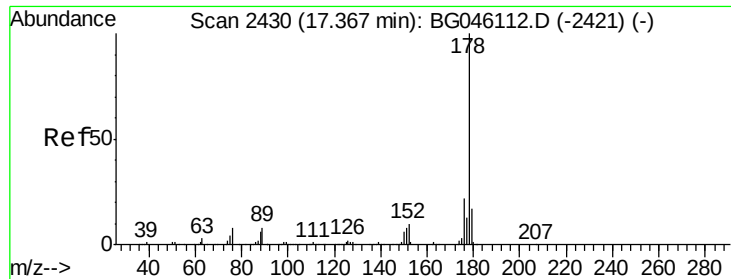
mohammad
 8/3/2020 12:22:19 PM



#70
 Pentachlorophenol
 Concen: 77.758 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	387594		
268	63.5	51.2	76.8	
264	64.5	51.1	76.7	





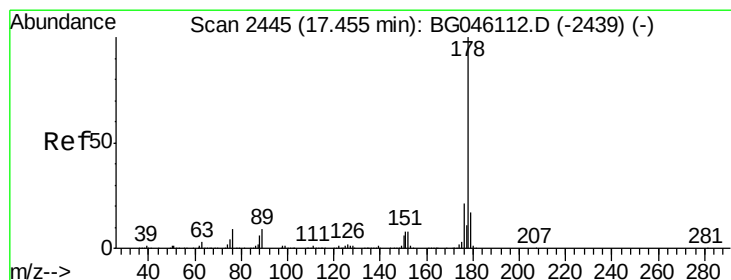
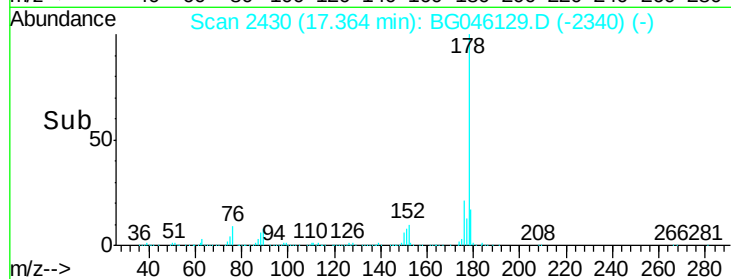
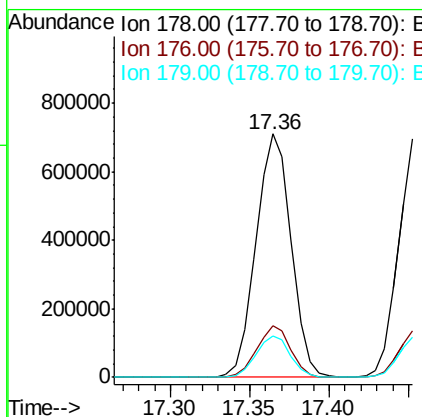
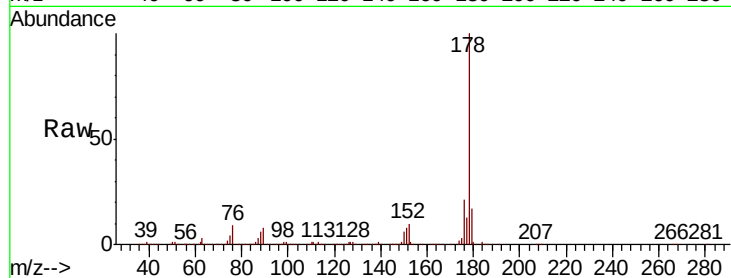
#71
Phenanthrene
Concen: 35.952 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.3	25.9
179	17.0	13.8	20.6

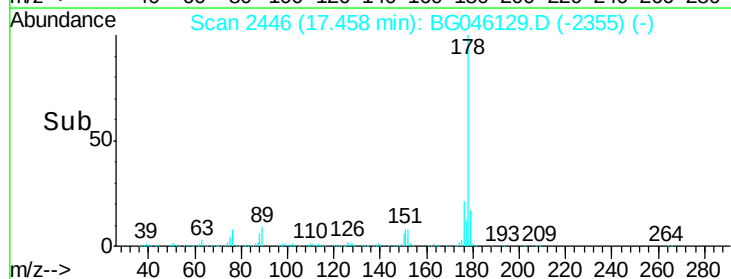
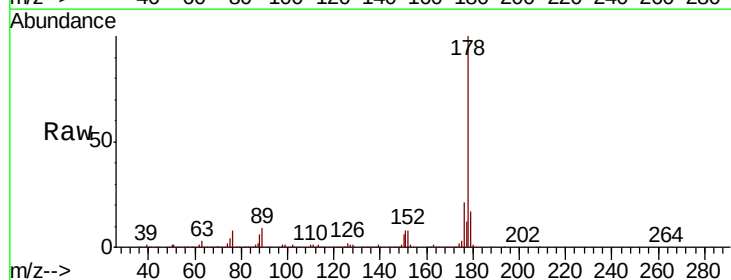
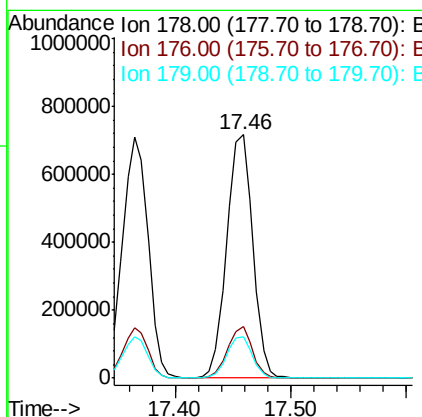
Manual Integrations
APPROVED

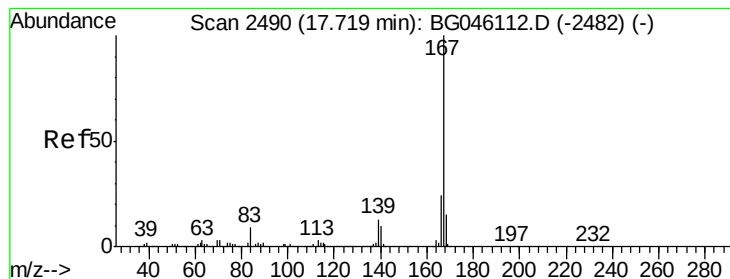
mohammad
8/3/2020 12:22:19 PM



#72
Anthracene
Concen: 37.059 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	24.8
179	17.3	13.4	20.2





#73

Carbazole

Concen: 36.668 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:167 Resp: 1068363

Ion Ratio Lower Upper

167 100

166 24.4 19.4 29.0

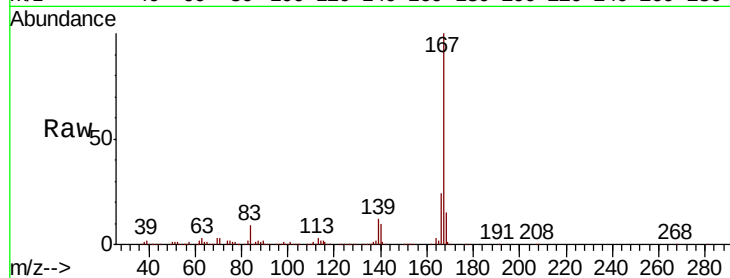
139 12.5 10.1 15.1

Manual Integrations

APPROVED

mohammad

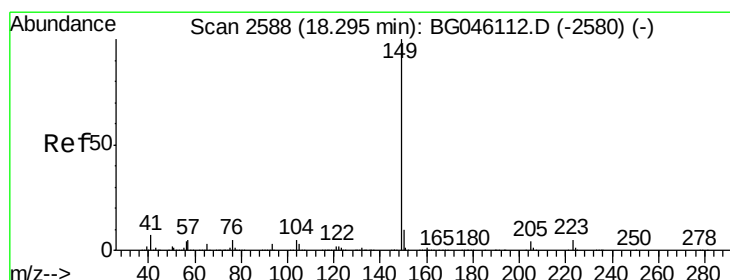
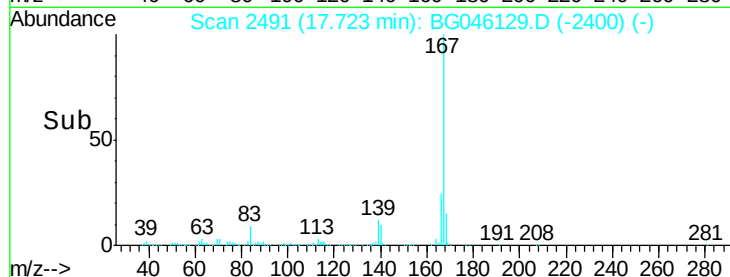
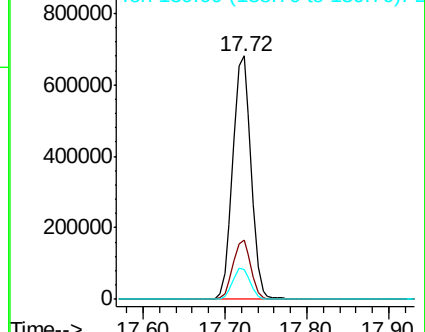
8/3/2020 12:22:19 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.857 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

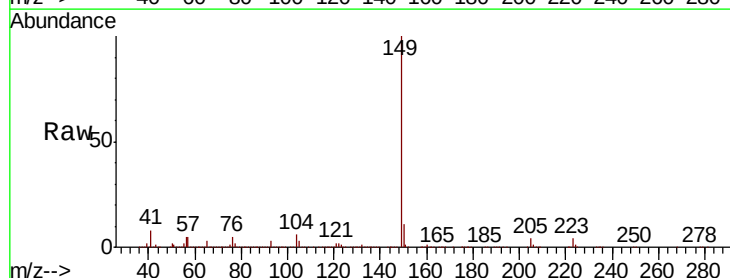
Tgt Ion:149 Resp: 1244335

Ion Ratio Lower Upper

149 100

150 10.6 8.4 12.6

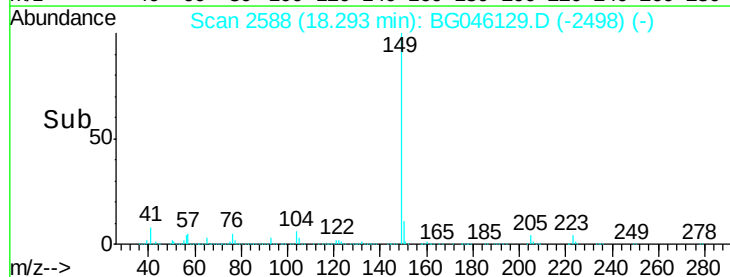
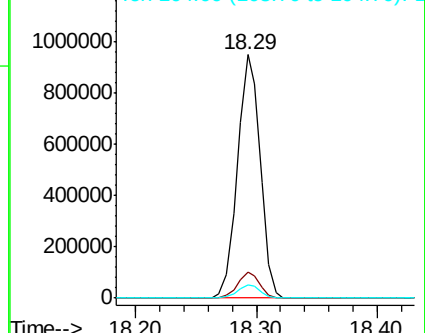
104 5.6 4.2 6.2

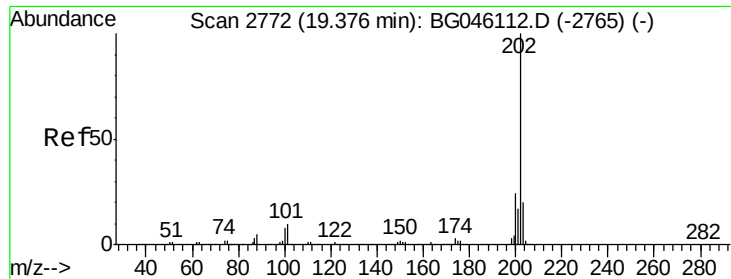


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.108 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

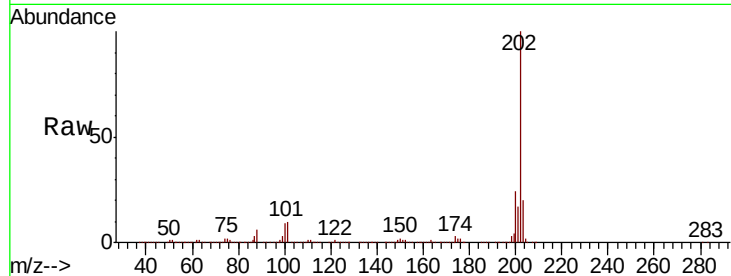
ClientSampleId :

TP-1-DMS

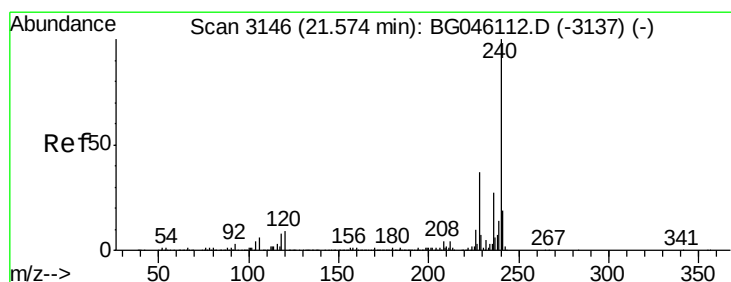
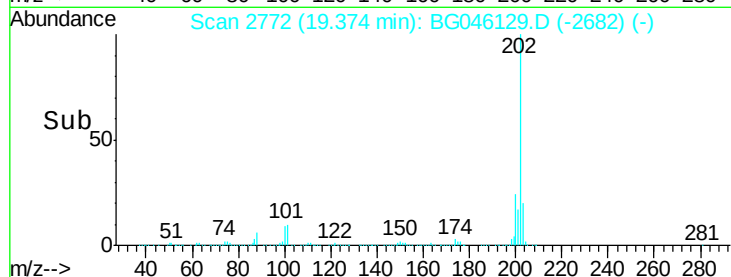
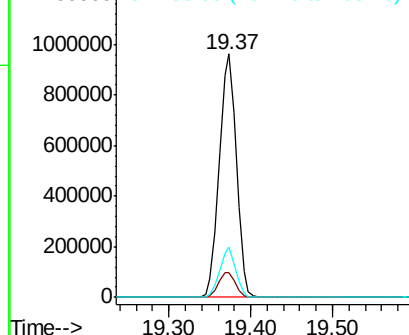
Tot Ion:	202	Resp:	1407334
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
203	20.5	0.2	40.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

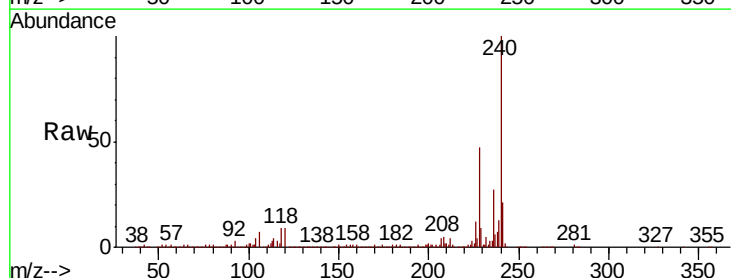
RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

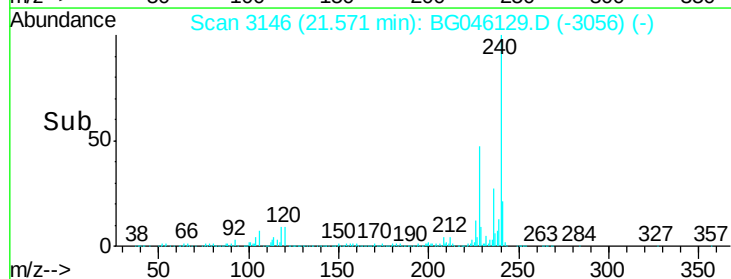
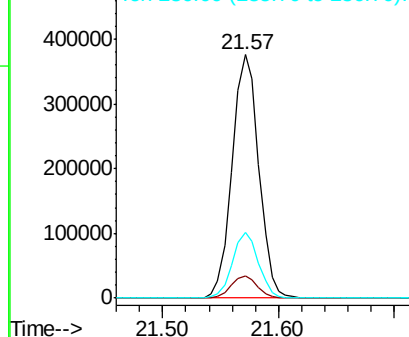
Lab File: BG046129.D

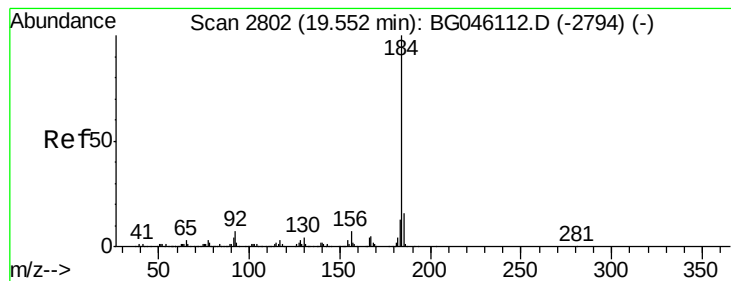
Acq: 31 Jul 2020 17:27

Tgt Ion:	240	Resp:	601400
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	27.2	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.517 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

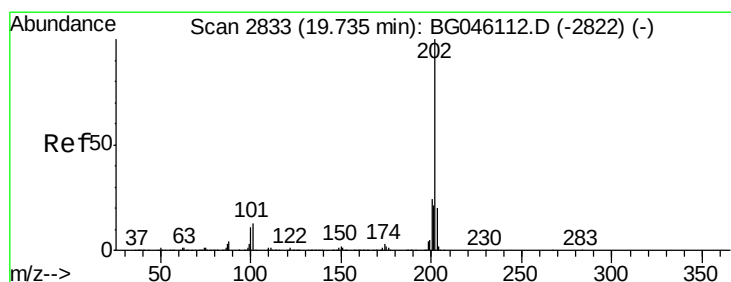
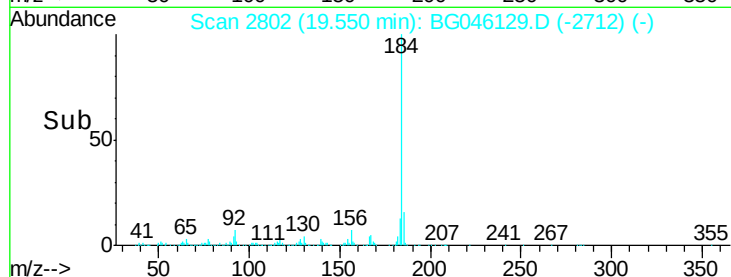
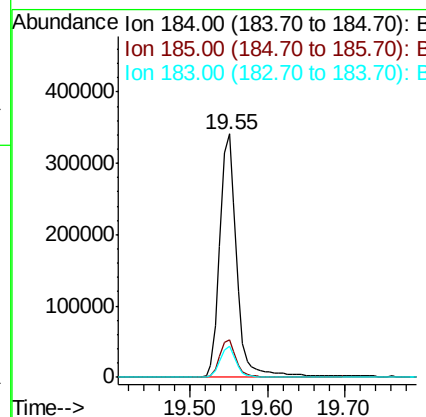
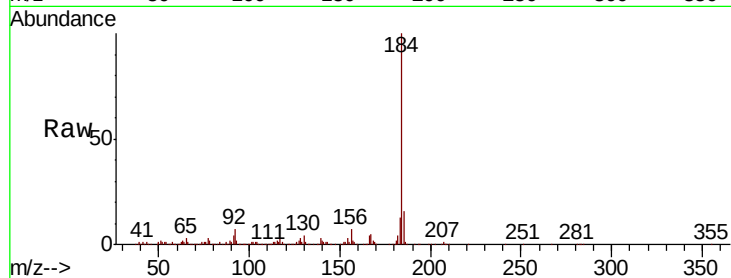
ClientSampleId :

TP-1-DMS

Tot Ion:	184	Resp:	519854
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	12.6	10.5	15.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#78

Pyrene

Concen: 35.296 ng

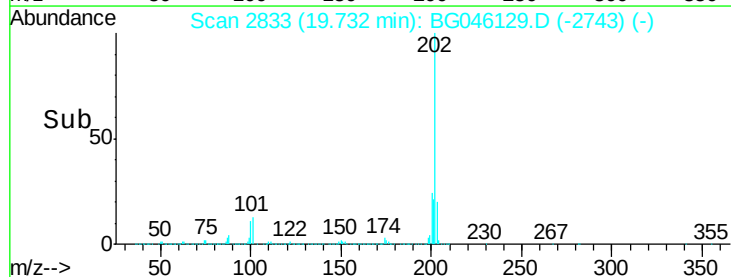
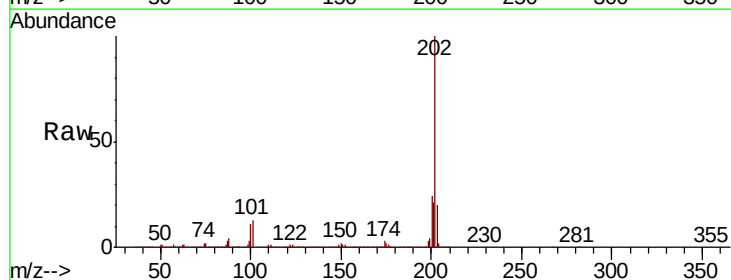
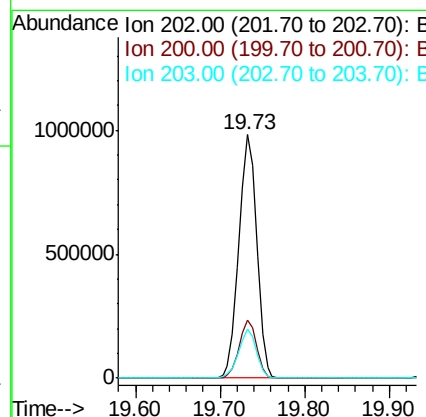
RT: 19.73 min Scan# 2833

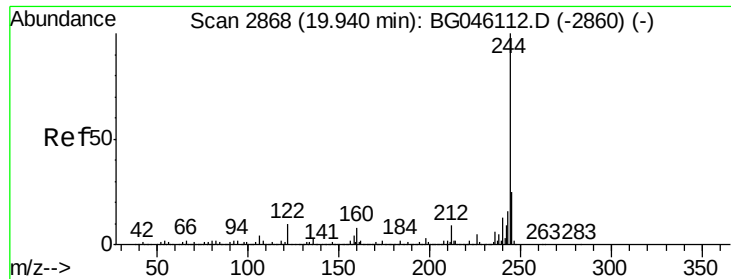
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:	202	Resp:	1426247
Ion Ratio	Lower	Upper	
202	100		
200	24.1	19.5	29.3
203	20.0	16.2	24.2





#79

Terphenyl-d14

Concen: 58.552 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:244 Resp: 1728982

Ion Ratio Lower Upper

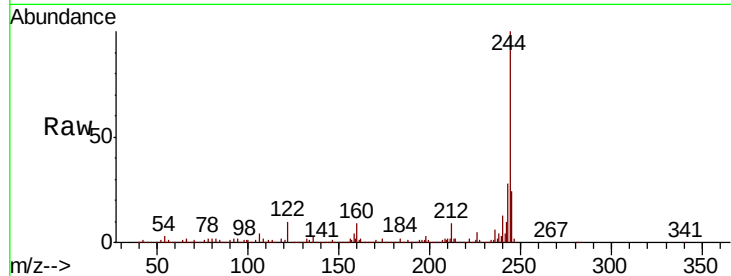
244 100

212 8.8 7.2 10.8

122 10.4 8.3 12.5

Manual Integrations
APPROVED

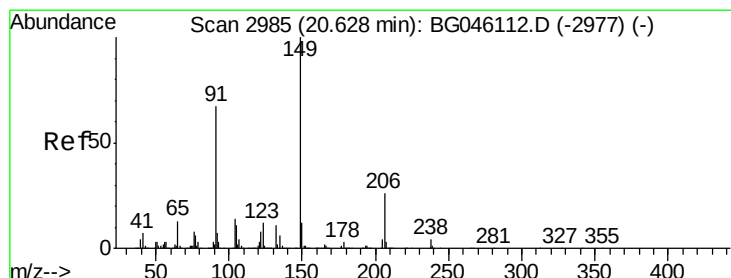
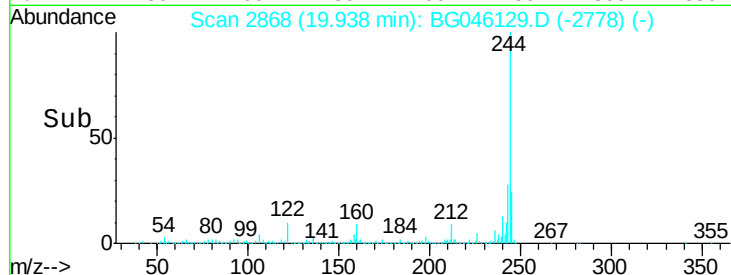
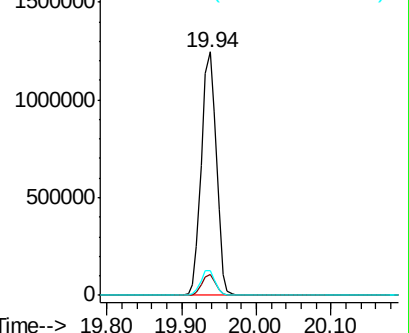
mohammad
8/3/2020 12:22:19 PM



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: 41.147 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

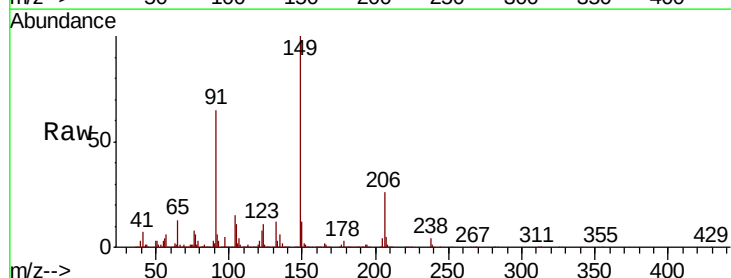
Tgt Ion:149 Resp: 602300

Ion Ratio Lower Upper

149 100

91 65.5 53.8 80.8

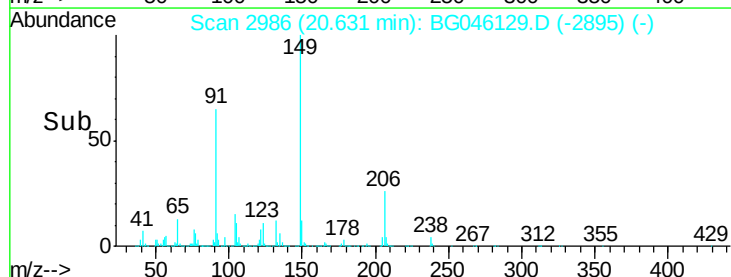
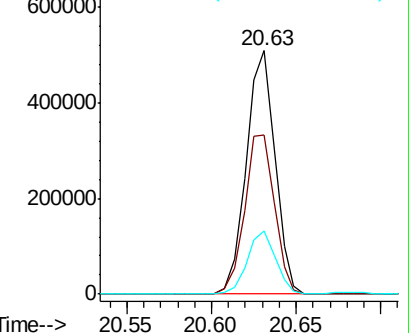
206 25.9 20.4 30.6

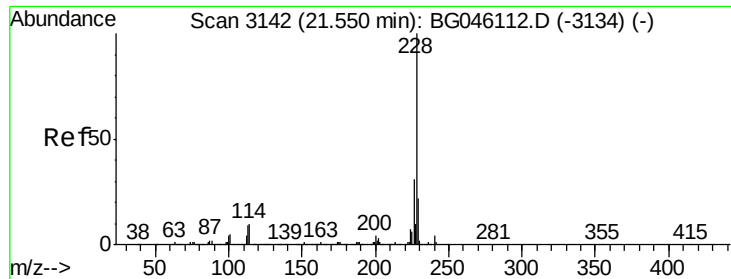


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.231 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

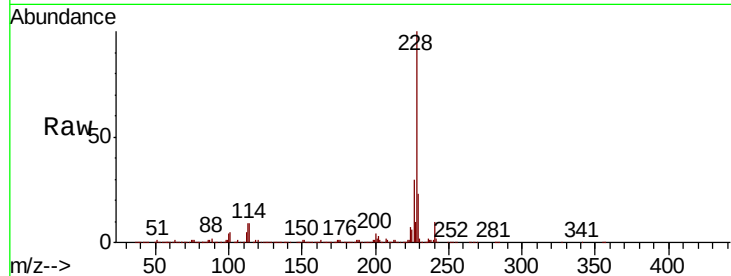
ClientSampleId :

TP-1-DMS

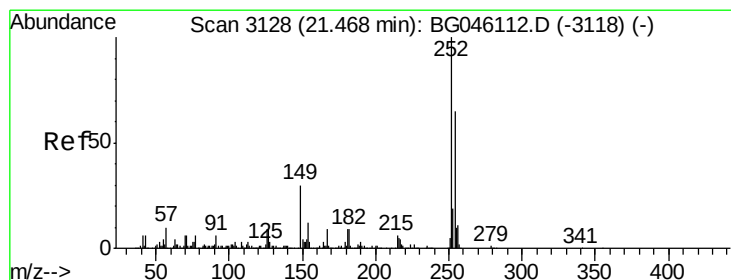
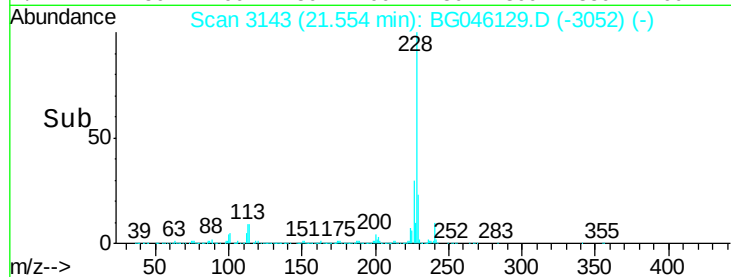
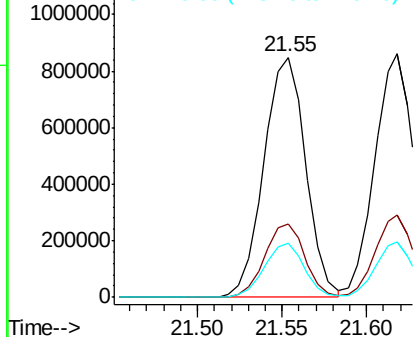
Tot Ion:	228	Resp:	1458169
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	22.8	17.8	26.8

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 16.466 ng

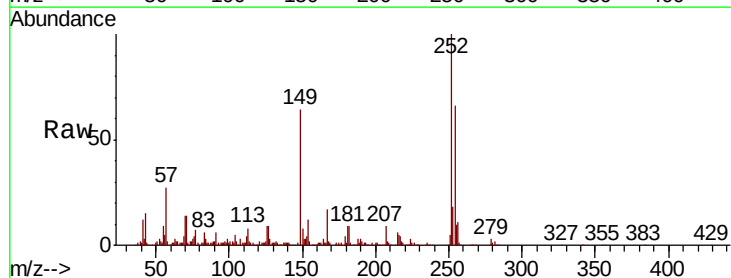
RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

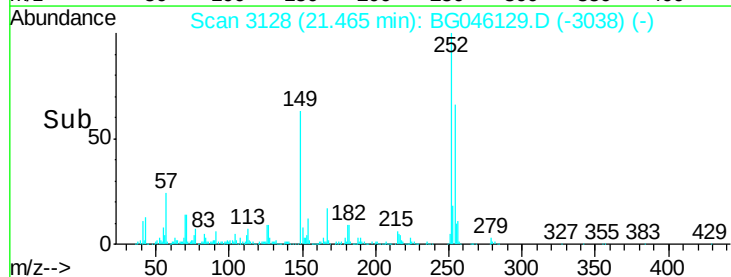
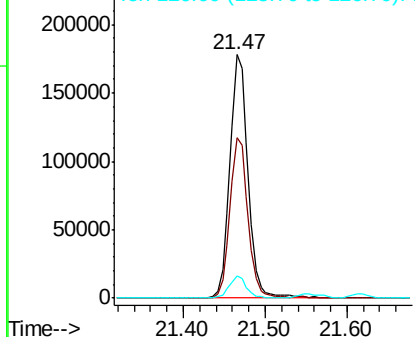
Lab File: BG046129.D

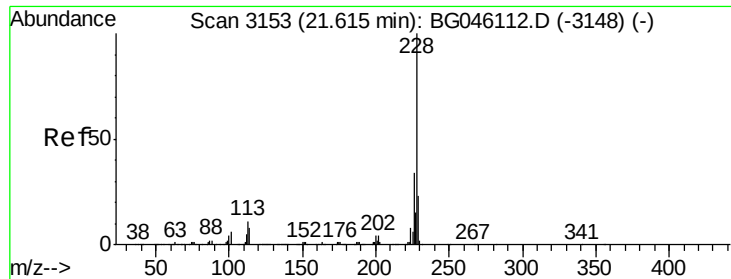
Acq: 31 Jul 2020 17:27

Tgt Ion:	252	Resp:	275193
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.8	77.8
126	9.1	7.1	10.7



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





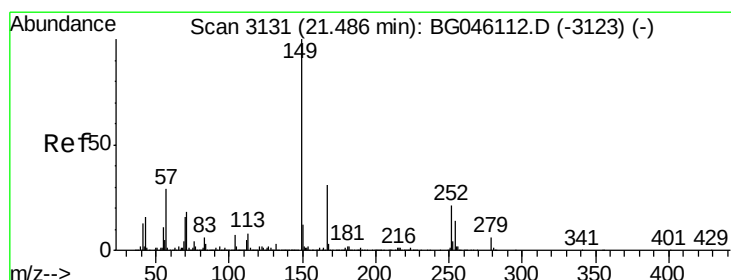
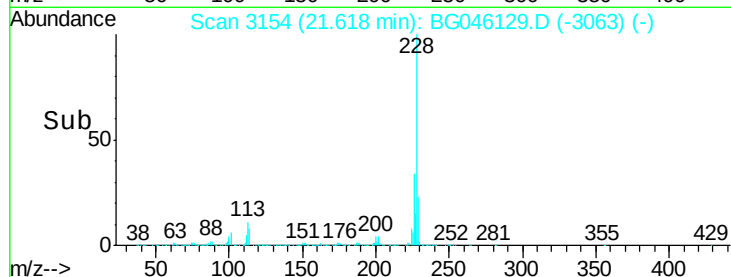
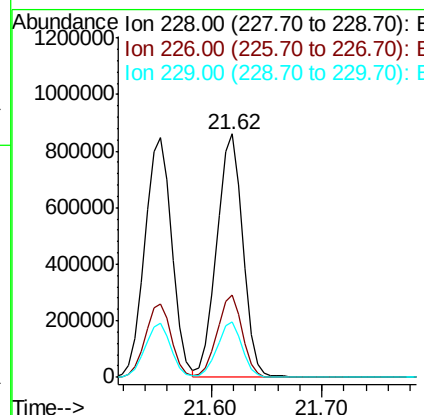
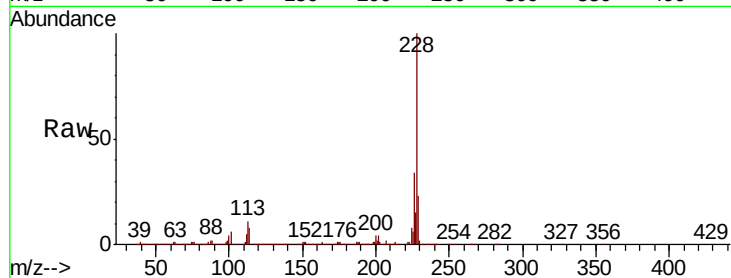
#83
Chrysene
Concen: 35.465 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.9	40.3
229	22.6	18.2	27.4

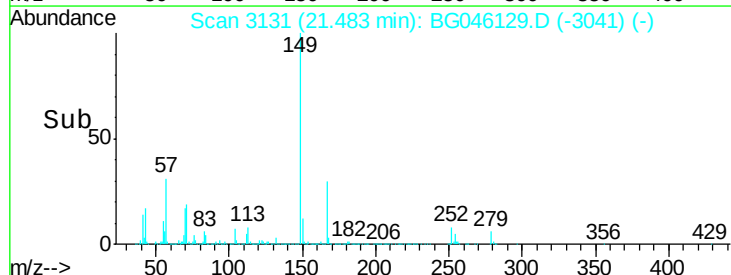
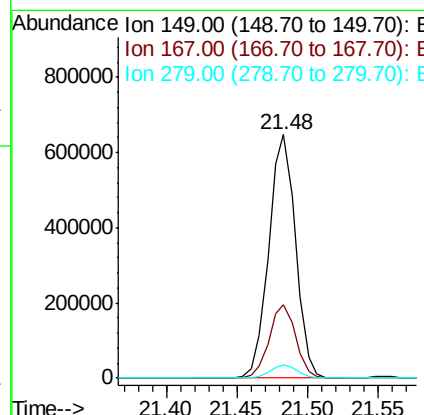
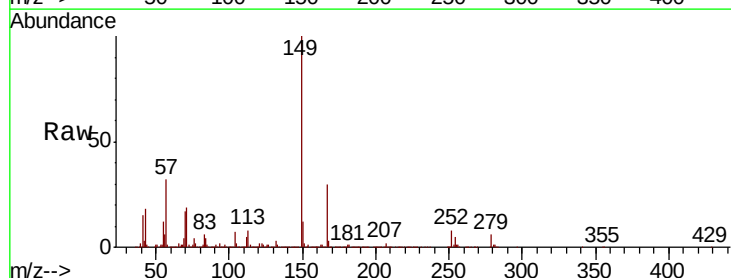
Manual Integrations
APPROVED

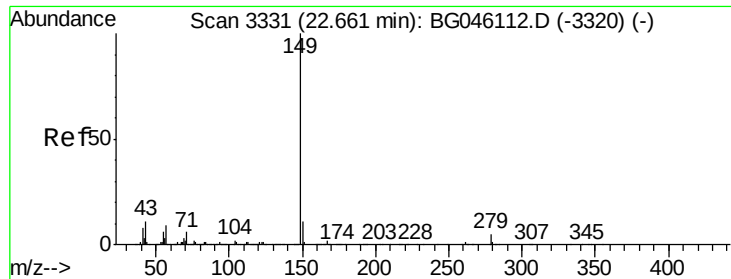
mohammad
8/3/2020 12:22:19 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.217 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.8	37.2
279	5.5	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 41.669 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampled :

TP-1-DMS

Tot Ion:149 Resp: 1476454

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

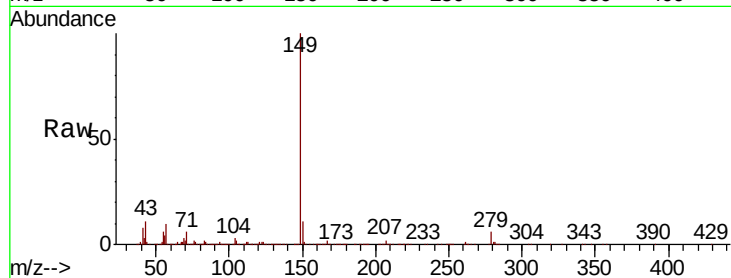
43 11.0 7.8 11.8

Manual Integrations

APPROVED

mohammad

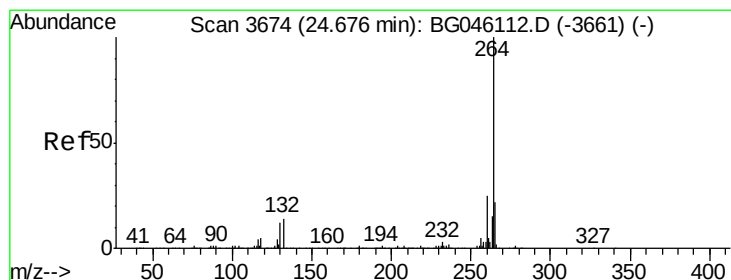
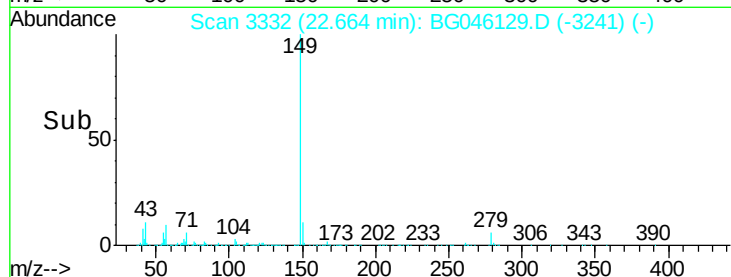
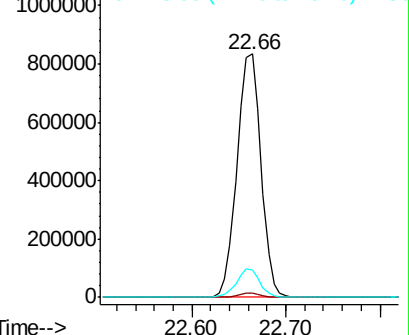
8/3/2020 12:22:19 PM



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

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

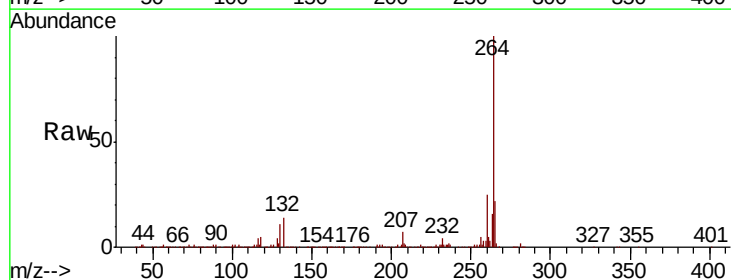
Tgt Ion:264 Resp: 644200

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

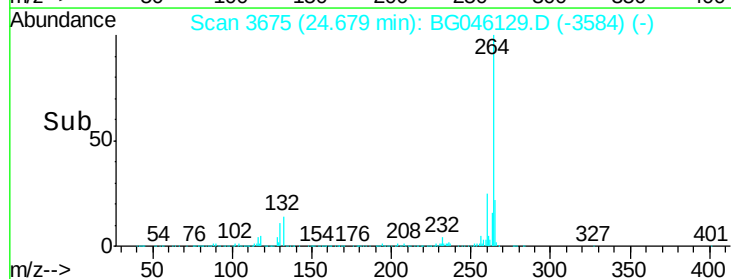
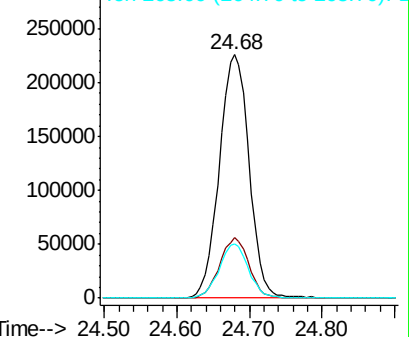
265 22.3 17.6 26.4

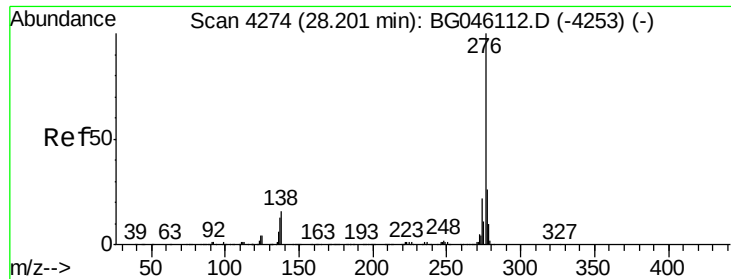


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.608 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:276 Resp: 1847699

Ion Ratio Lower Upper

276 100

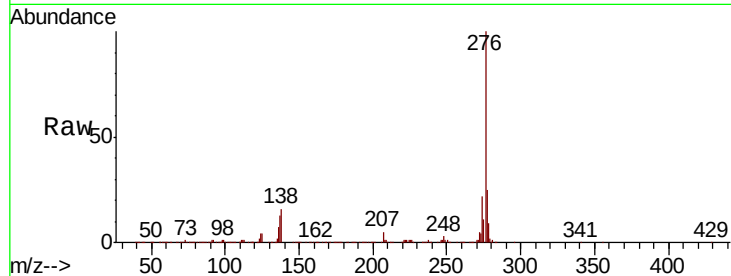
138 15.2 11.6 17.4

277 25.9 20.8 31.2

Manual Integrations
APPROVED

mohammad

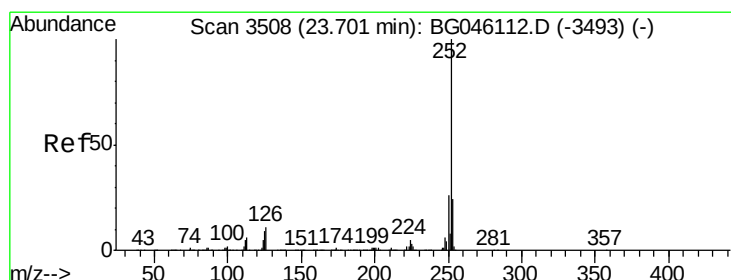
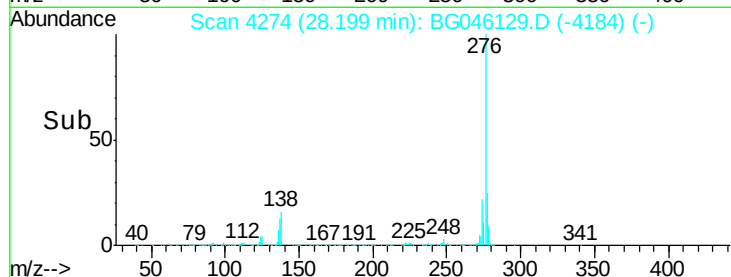
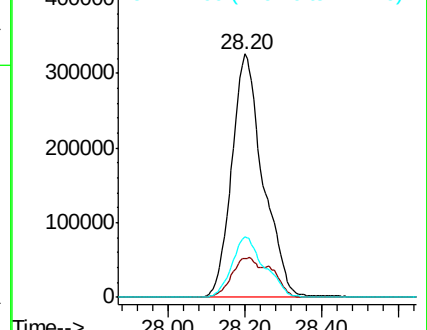
8/3/2020 12:22:19 PM



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



#88

Benzo(b)fluoranthene

Concen: 36.614 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

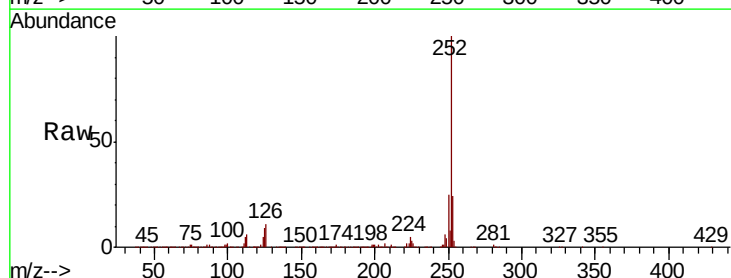
Tgt Ion:252 Resp: 1580602

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

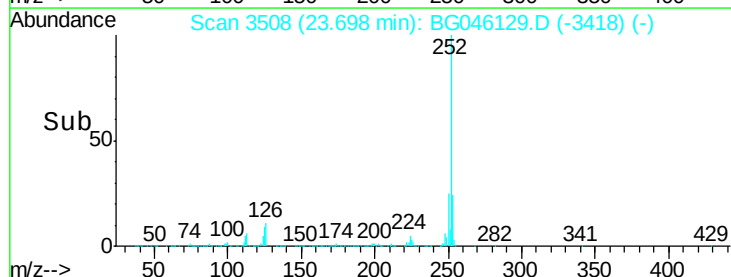
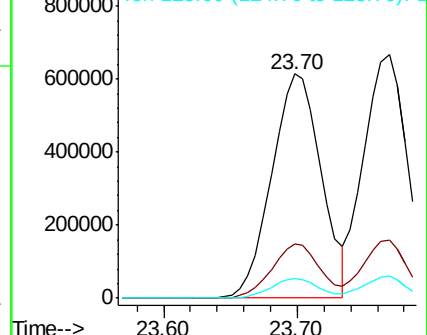
125 8.6 7.2 10.8

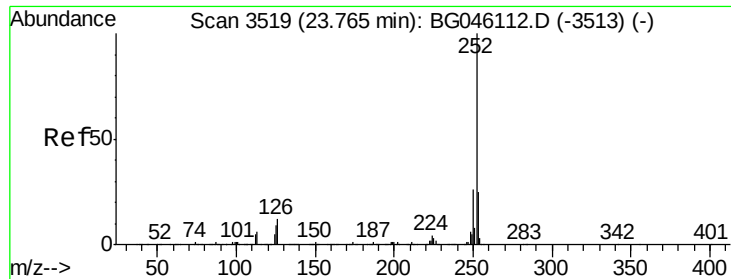


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





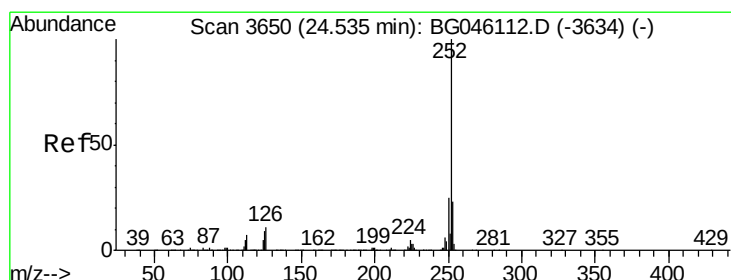
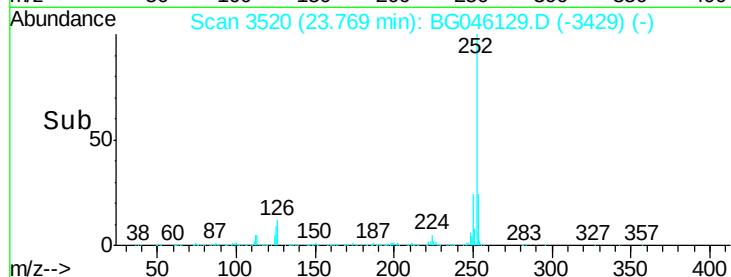
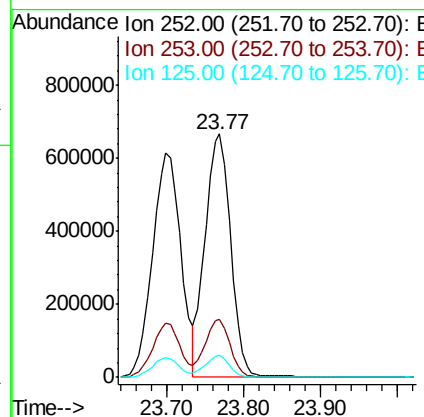
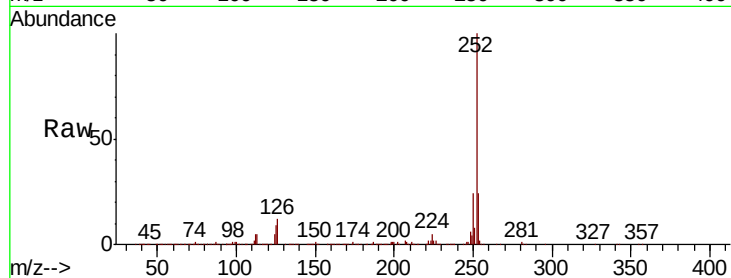
#89
Benzo(k)fluoranthene
Concen: 35.982 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	8.9	7.3	10.9

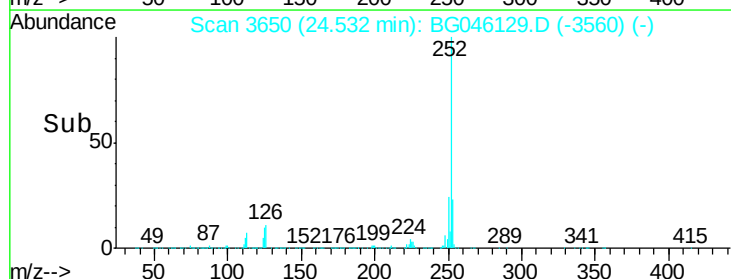
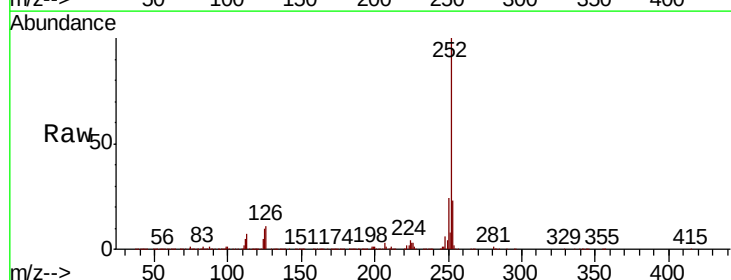
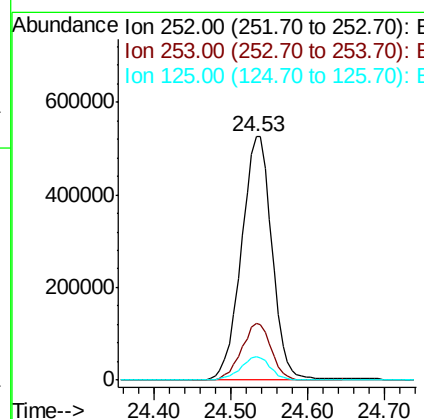
Manual Integrations
APPROVED

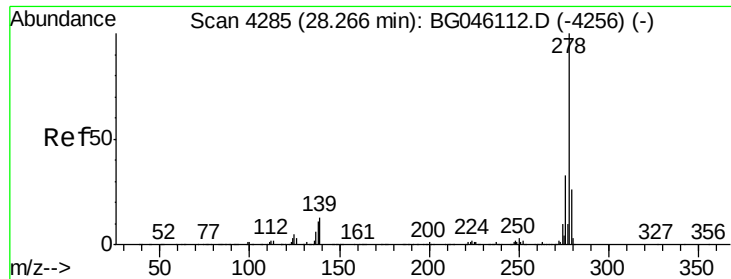
mohammad
8/3/2020 12:22:19 PM



#90
Benzo(a)pyrene
Concen: 36.256 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.9	7.1	10.7





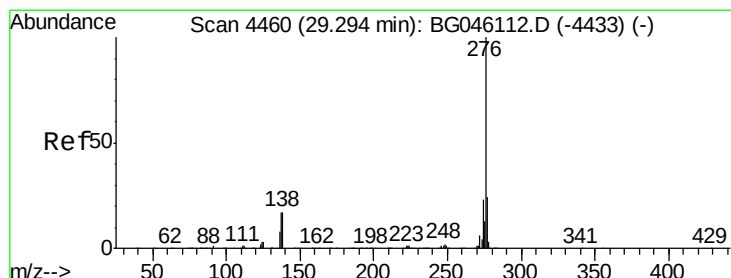
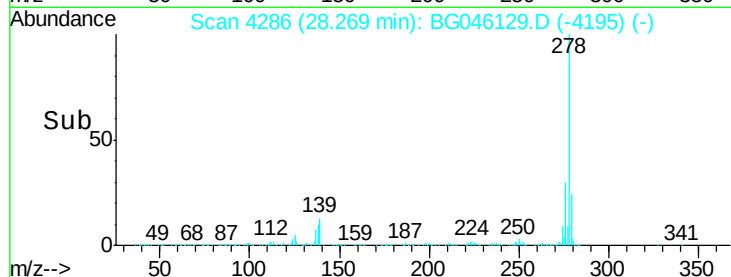
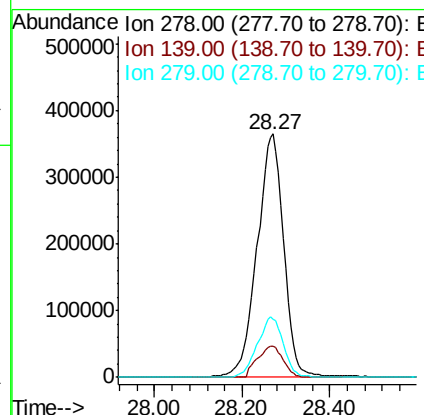
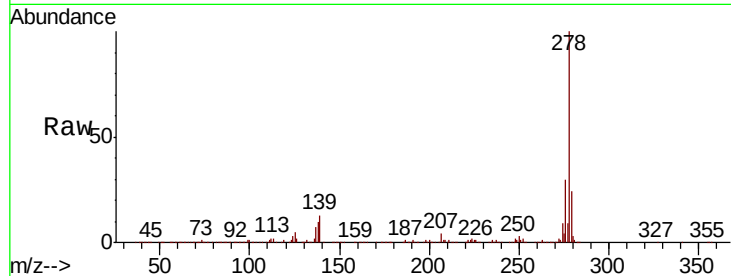
#91
Dibenzo(a,h)anthracene
Concen: 36.836 ng
RT: 28.27 min Scan# 4286
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampled :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	24.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:19 PM



#92
Benzo(g,h,i)perylene
Concen: 37.305 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	18.6	13.8	20.6

