

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044339.D
 Acq On : 7 Feb 2020 16:19
 Operator : CG/JU
 Sample : PB126671BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:57 AM

Quant Time: Feb 08 02:53:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	73130	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	294424	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	192999	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	427081	20.00	ng	0.00
76) Chrysene-d12	21.54	240	387382	20.00	ng	0.00
87) Perylene-d12	24.63	264	439508	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	412942	99.66	ng	0.00
7) Phenol-d6	7.09	99	542466	97.49	ng	0.00
23) Nitrobenzene-d5	9.07	82	435275	83.46	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	207619	91.64	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	976470	84.72	ng	0.00
79) Terphenyl-d14	19.91	244	1534863	81.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	88921	47.762	ng	99
3) Pyridine	3.77	79	211401	42.620	ng	96
4) n-Nitrosodimethylamine	3.68	42	102174	49.295	ng	100
6) Aniline	7.23	93	267531	38.734	ng	99
8) 2-Chlorophenol	7.48	128	245201	53.842	ng	99
9) Benzaldehyde	7.04	77	117710	37.143	ng	97
10) Phenol	7.12	94	301010	54.661	ng	100
11) bis(2-Chloroethyl)ether	7.33	93	225851	47.972	ng	98
12) 1,3-Dichlorobenzene	7.80	146	257619	47.379	ng	97
13) 1,4-Dichlorobenzene	7.95	146	255658	47.473	ng	99
14) 1,2-Dichlorobenzene	8.27	146	242969	47.732	ng	100
15) Benzyl Alcohol	8.15	79	198686	50.435	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	292654	45.927	ng	100
17) 2-Methylphenol	8.36	107	205832	52.387	ng	97
18) Hexachloroethane	9.00	117	94402	46.713	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	172824	46.603	ng	99
20) 3+4-Methylphenols	8.69	107	282737	52.215	ng	97
22) Acetophenone	8.73	105	329882	46.057	ng	99
24) Nitrobenzene	9.11	77	246049	48.328	ng	99
25) Isophorone	9.64	82	468204	48.168	ng	99
26) 2-Nitrophenol	9.82	139	136536	51.684	ng	99
27) 2,4-Dimethylphenol	9.89	122	230350	61.771	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	302411	46.637	ng	100
29) 2,4-Dichlorophenol	10.36	162	239050	53.014	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	239583	46.337	ng	98
31) Naphthalene	10.76	128	706184	49.437	ng	99
32) Benzoic acid	10.05	122	91845	40.523	ng	90
33) 4-Chloroaniline	10.87	127	171681	26.426	ng	98
34) Hexachlorobutadiene	11.06	225	143478	45.098	ng	98
35) Caprolactam	11.63	113	88666m	53.679	ng	
36) 4-Chloro-3-methylphenol	12.00	107	247886	52.433	ng	99
37) 2-Methylnaphthalene	12.37	142	518115	48.851	ng	98
38) 1-Methylnaphthalene	12.59	142	492697	49.274	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	253360	43.885	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044339.D
 Acq On : 7 Feb 2020 16:19
 Operator : CG/JU
 Sample : PB126671BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

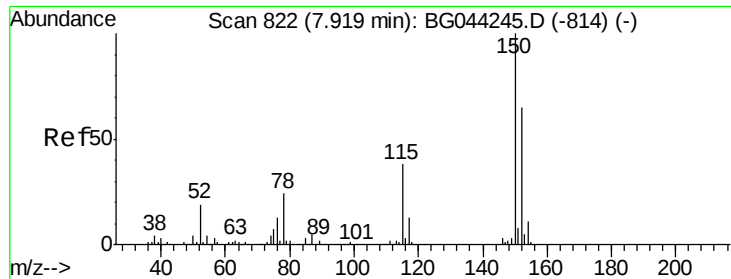
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:57 AM

Quant Time: Feb 08 02:53:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	330523	119.315	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	185840	49.801	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	207274	54.381	nq	99
46) 1,1'-Biphenyl	13.38	154	655323	47.074	nq	99
47) 2-Chloronaphthalene	13.43	162	513714	46.373	nq	100
48) 2-Nitroaniline	13.63	65	151556	46.358	nq	93
49) Acenaphthylene	14.27	152	814612	50.136	nq	99
50) Dimethylphthalate	14.01	163	666616	48.050	nq	99
51) 2,6-Dinitrotoluene	14.12	165	153274	49.551	nq	99
52) Acenaphthene	14.61	154	503829	47.840	nq	97
53) 3-Nitroaniline	14.45	138	100871	29.475	nq	99
54) 2,4-Dinitrophenol	14.66	184	175932	94.462	nq	98
55) Dibenzofuran	14.95	168	781813	49.031	nq	99
56) 4-Nitrophenol	14.77	139	285471	113.878	nq	98
57) 2,4-Dinitrotoluene	14.91	165	214071	49.377	nq	95
58) Fluorene	15.60	166	616251	49.068	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	178517	51.852	nq	98
60) Diethylphthalate	15.37	149	667210	48.266	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	323054	47.441	nq	99
62) 4-Nitroaniline	15.61	138	152735	44.664	nq	98
63) Azobenzene	15.88	77	595564	49.157	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	131013	55.573	nq	99
66) n-Nitrosodiphenylamine	15.81	169	579343	48.405	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	212702	45.713	nq	98
68) Hexachlorobenzene	16.61	284	237025	45.469	nq	98
69) Atrazine	16.76	200	222796	54.310	nq	99
70) Pentachlorophenol	16.95	266	266475	100.259	nq	97
71) Phenanthrene	17.34	178	1004747	48.584	nq	99
72) Anthracene	17.43	178	1028495	50.302	nq	99
73) Carbazole	17.69	167	943720	50.067	nq	100
74) Di-n-butylphthalate	18.26	149	1161938	49.884	nq	99
75) Fluoranthene	19.35	202	1209228	50.545	nq	100
77) Benzidine	19.52	184	556442	51.786	nq	98
78) Pyrene	19.71	202	1218411	48.976	nq	99
80) Butylbenzylphthalate	20.60	149	538914	47.536	nq	100
81) Benzo(a)anthracene	21.52	228	1160348	48.602	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	307697	33.207	nq	98
83) Chrysene	21.59	228	1117695	48.433	nq	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	763599	48.934	nq	100
85) Di-n-octyl phthalate	22.61	149	1346162	49.859	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1444625	47.982	nq	100
88) Benzo(b)fluoranthene	23.66	252	1244105	49.124	nq	99
89) Benzo(k)fluoranthene	23.73	252	1218701	49.373	nq	99
90) Benzo(a)pyrene	24.49	252	1148434	47.961	nq	99
91) Dibenzo(a,h)anthracene	28.20	278	1185173	50.011	nq	99
92) Benzo(g,h,i)perylene	29.23	276	1204758	50.784	nq	98

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



#1

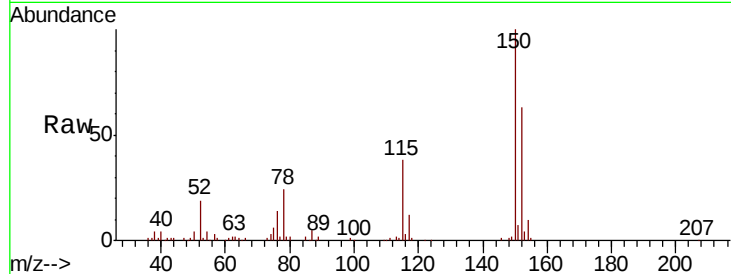
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.6	183.8
115	60.0	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

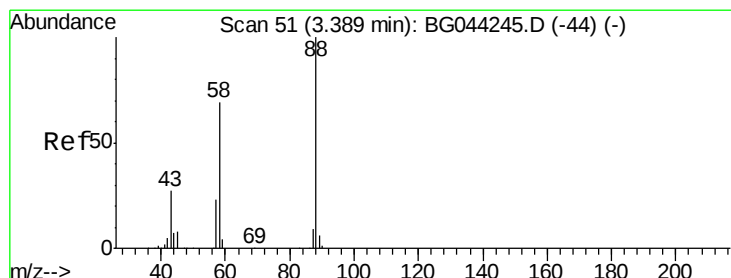
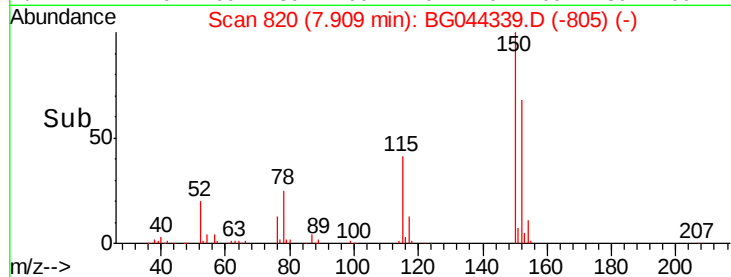
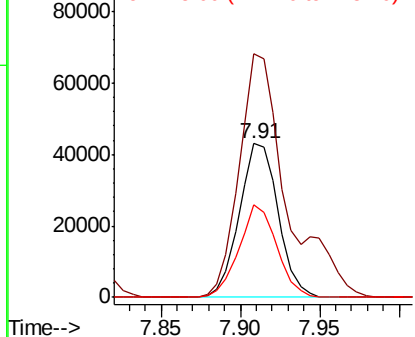


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

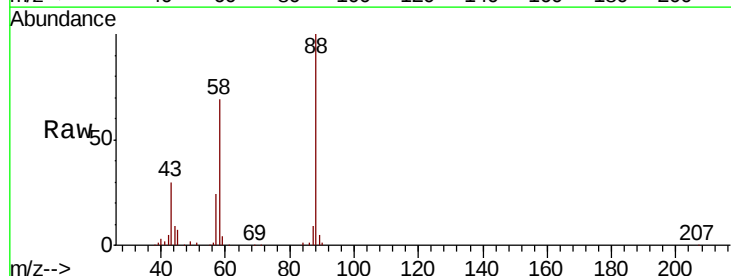
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.762 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	55.8	83.6
43	28.4	21.6	32.4

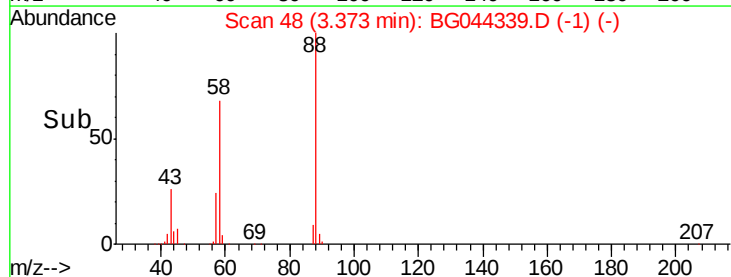
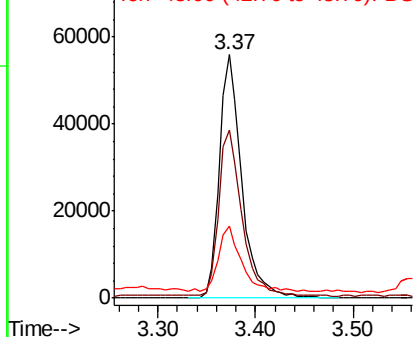


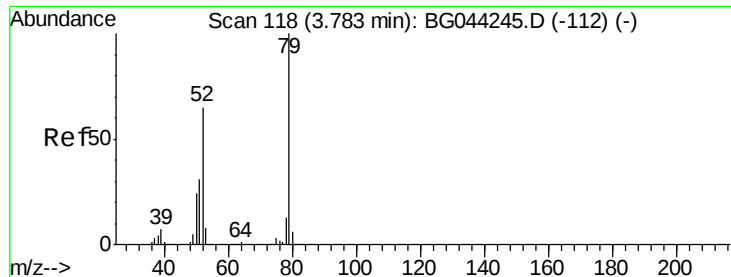
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.620 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

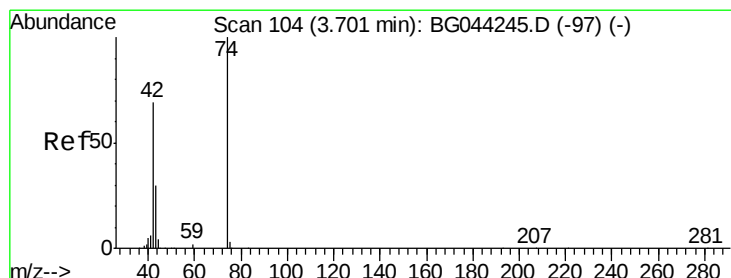
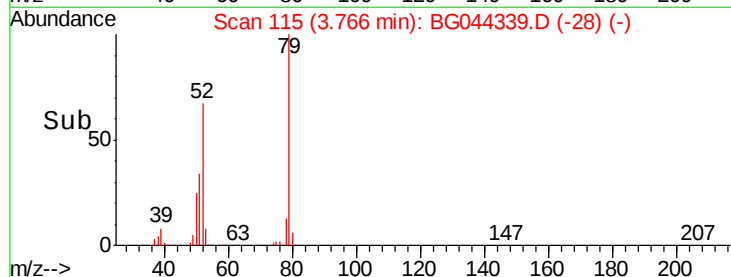
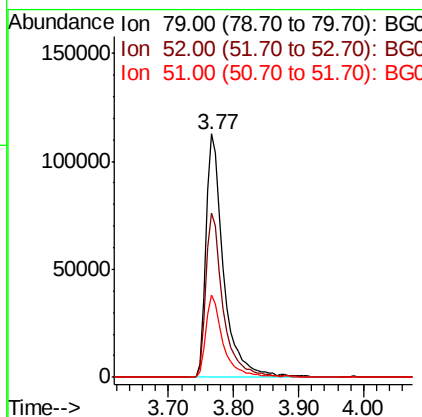
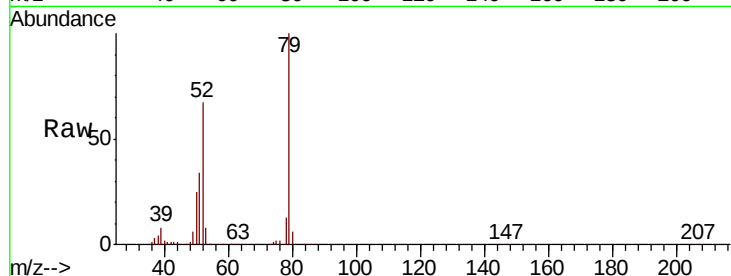
ClientSampleId :

PB126671BSD

Tot Ion:	79	Resp:	211401
Ion	Ratio	Lower	Upper
79	100		
52	67.4	51.9	77.9
51	33.9	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#4

n-Nitrosodimethylamine

Concen: 49.295 ng

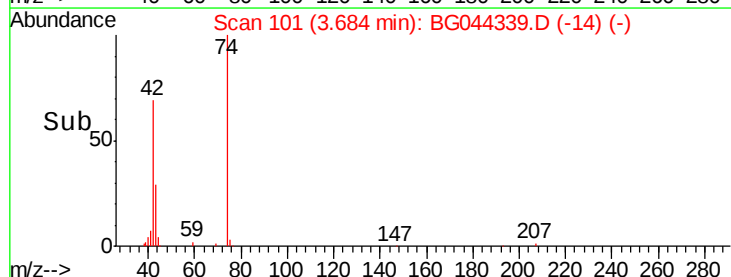
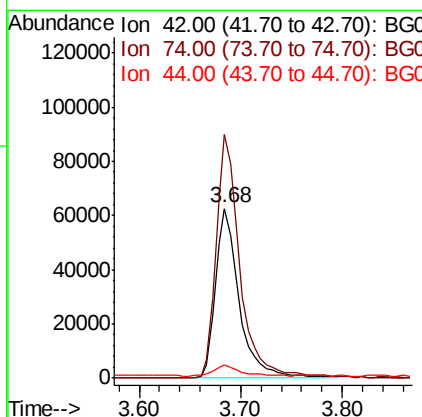
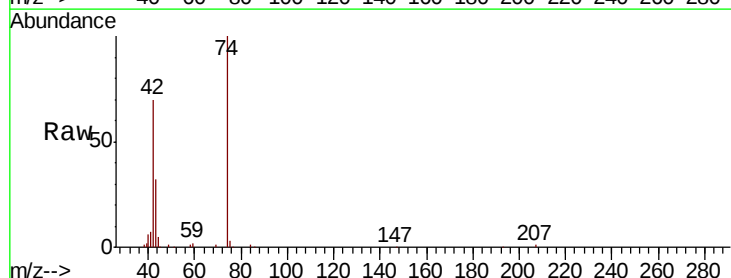
RT: 3.68 min Scan# 101

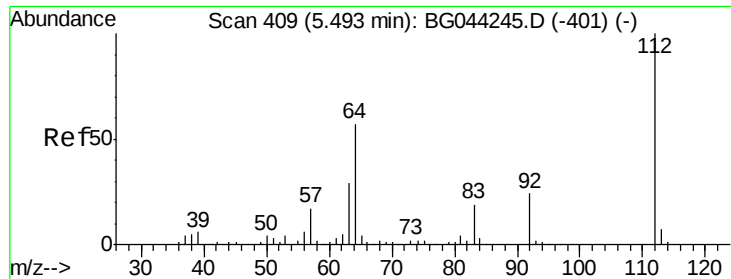
Delta R.T. -0.02 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	42	Resp:	102174
Ion	Ratio	Lower	Upper
42	100		
74	143.4	115.1	172.7
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 99.655 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

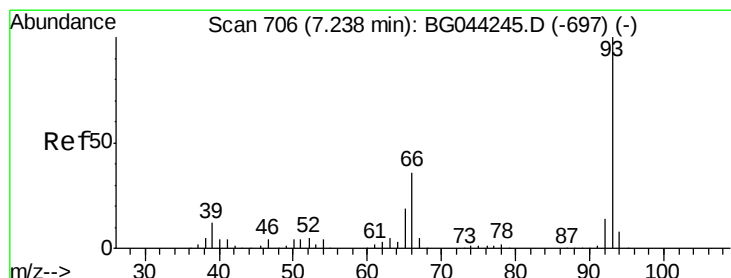
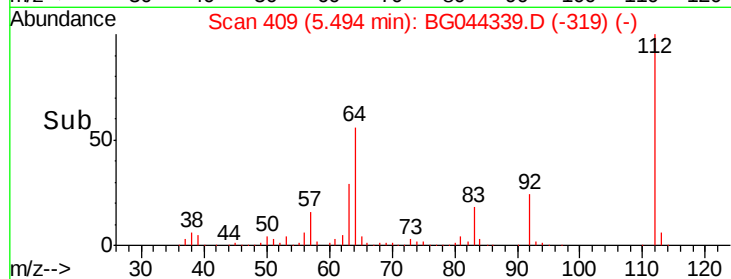
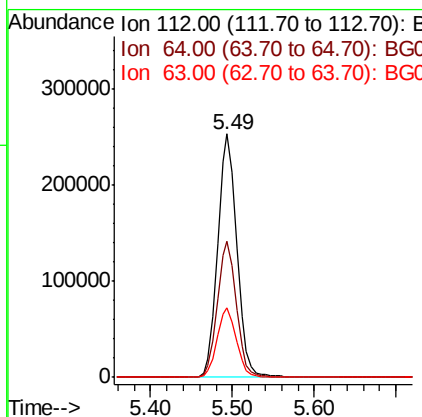
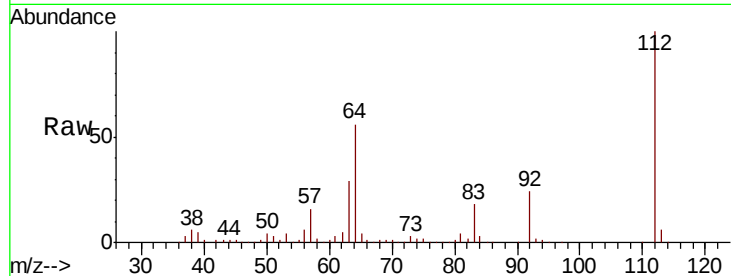
ClientSampleId :

PB126671BSD

Tot Ion:	112	Resp:	412942
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	28.7	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#6

Aniline

Concen: 38.734 ng

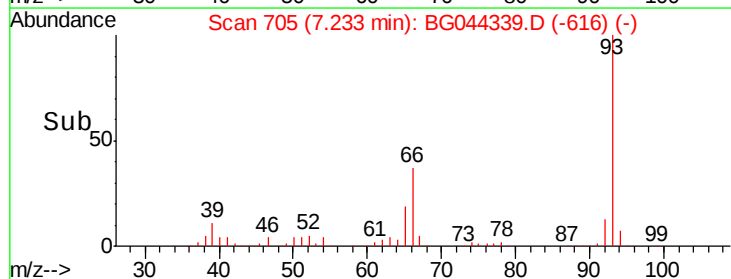
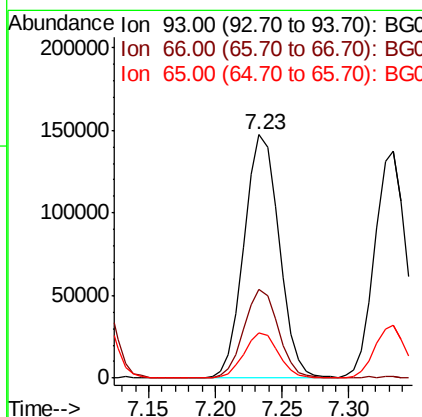
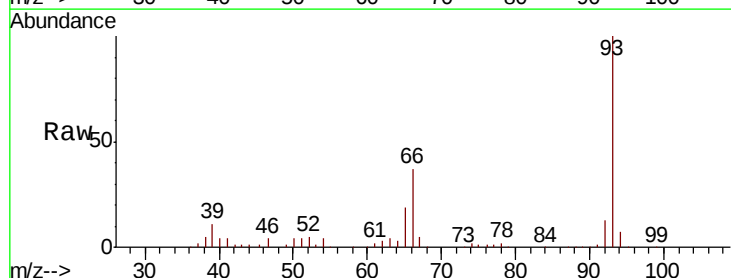
RT: 7.23 min Scan# 705

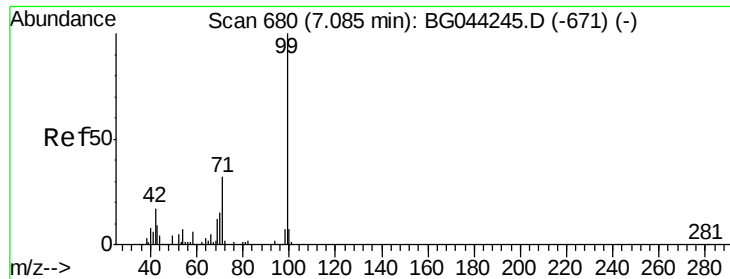
Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	93	Resp:	267531
Ion Ratio	Lower	Upper	
93	100		
66	36.5	28.7	43.1
65	18.7	15.4	23.0





#7

Phenol-d6

Concen: 97.489 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

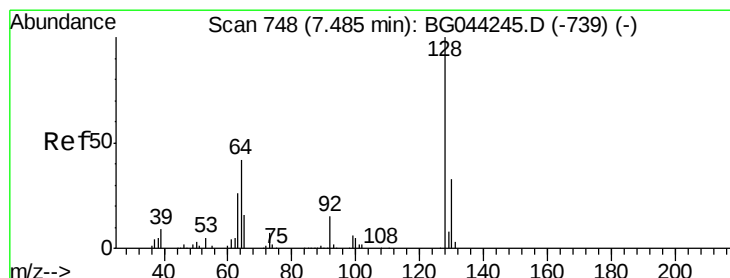
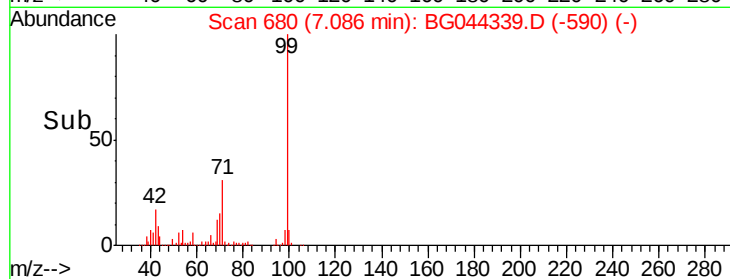
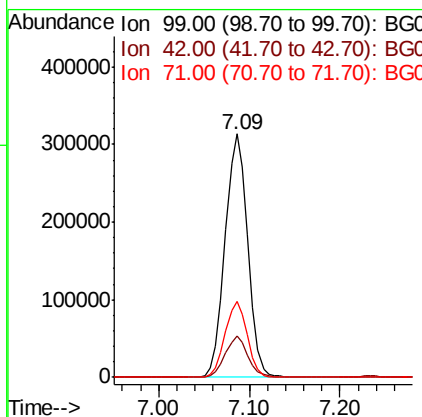
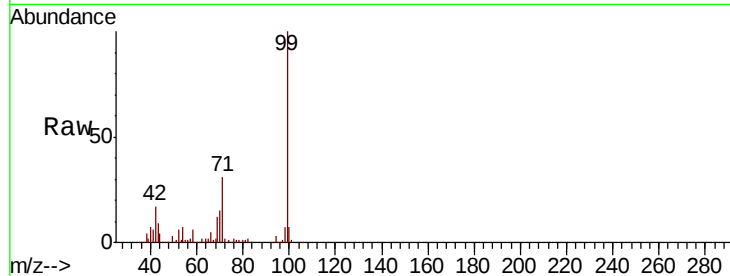
ClientSampleId :

PB126671BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		542466		
42	17.0	13.8	20.6		
71	31.1	25.5	38.3		

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#8

2-Chlorophenol

Concen: 53.842 ng

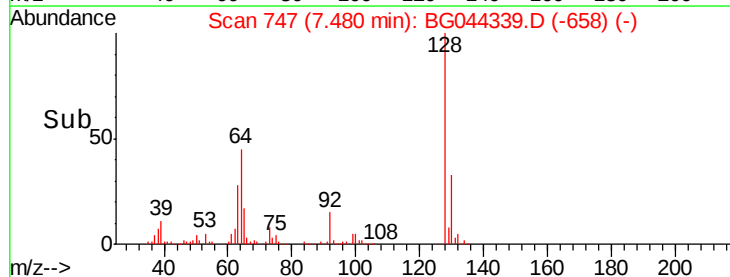
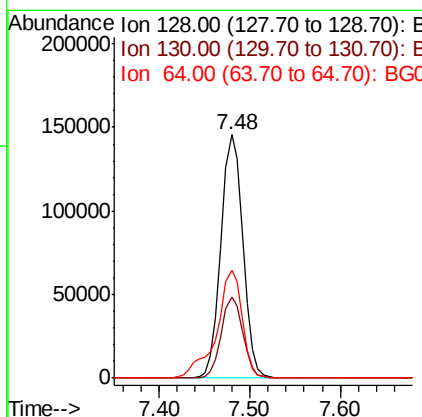
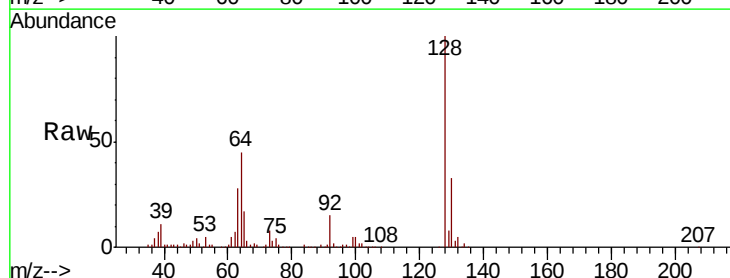
RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		245201		
130	33.4	12.5	52.5		
64	44.6	24.2	64.2		





#9

Benzaldehyde

Concen: 37.143 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

ClientSampleId :

PB126671BSD

Tot Ion: 77 Resp: 117710

Ion Ratio Lower Upper

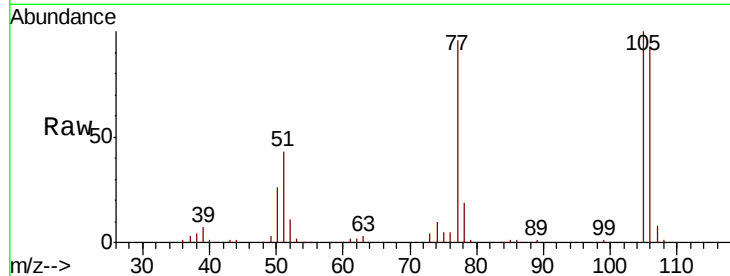
77 100

105 103.9 82.0 122.0

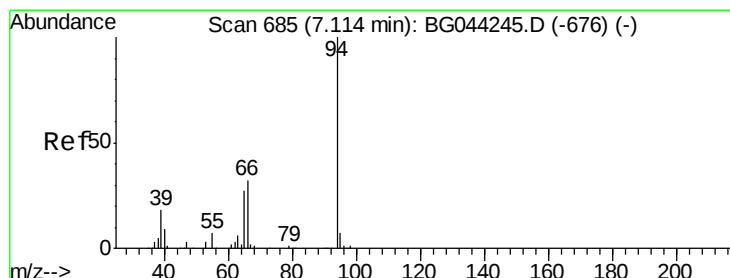
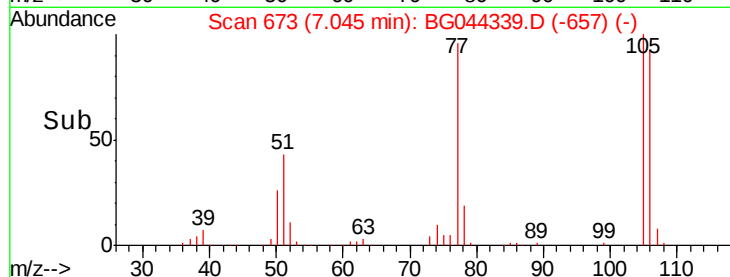
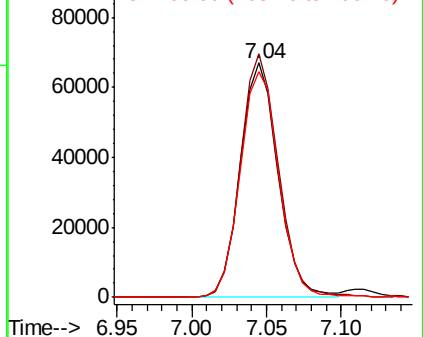
106 96.5 80.7 120.7

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.661 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

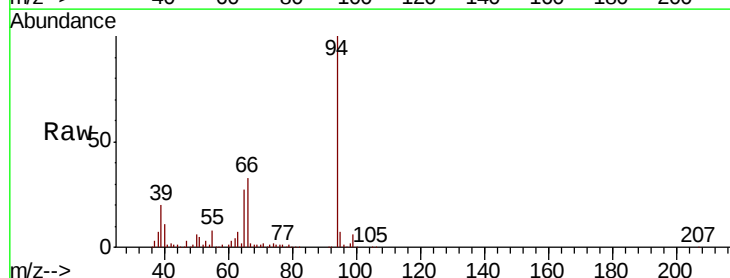
Tgt Ion: 94 Resp: 301010

Ion Ratio Lower Upper

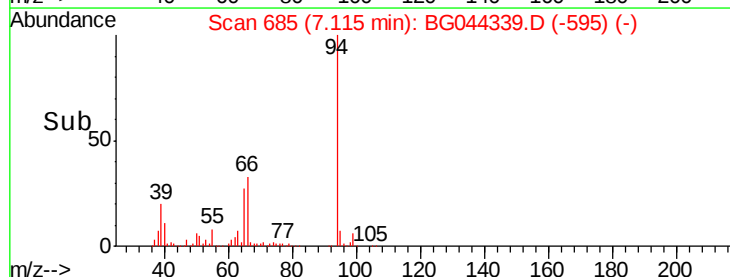
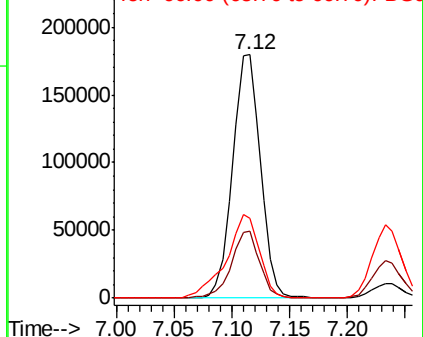
94 100

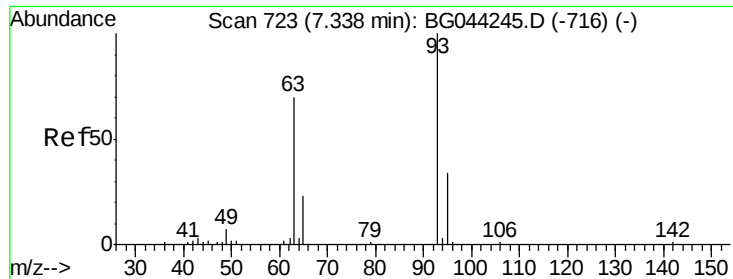
65 27.3 7.0 47.0

66 32.9 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





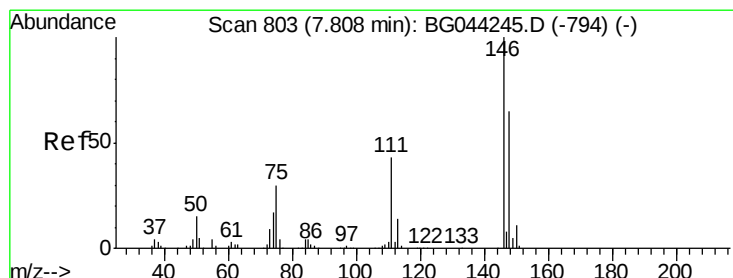
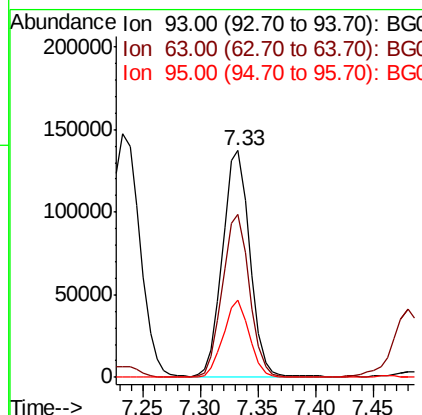
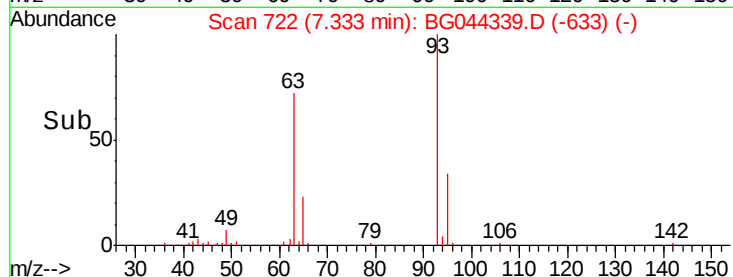
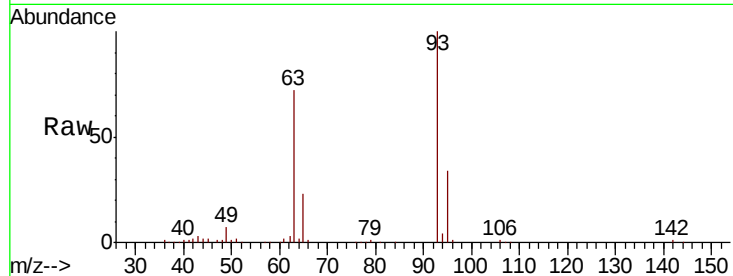
#11
bis(2-Chloroethyl)ether
Concen: 47.972 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion:	93	Resp:	225851
Ion Ratio	Lower	Upper	
93	100		
63	71.6	49.2	89.2
95	34.0	13.6	53.6

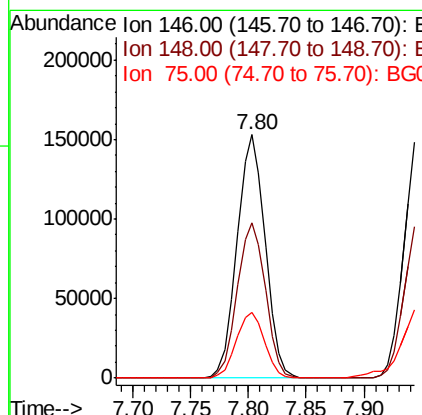
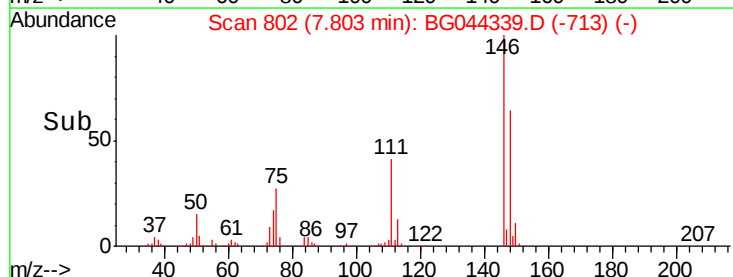
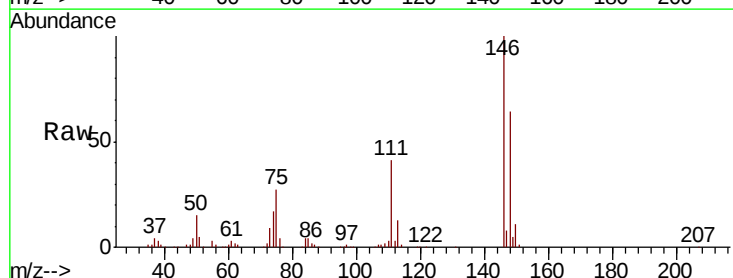
Manual Integrations
APPROVED

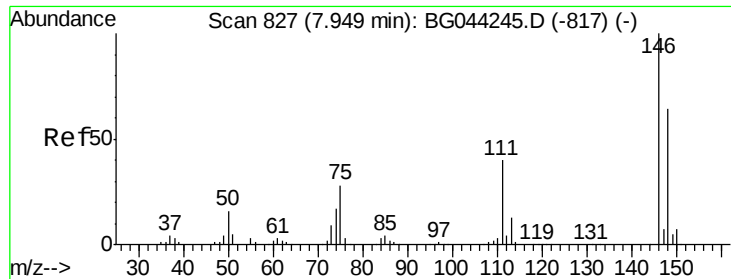
mohammad
2/11/2020 8:25:57 AM



#12
1,3-Dichlorobenzene
Concen: 47.379 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion:	146	Resp:	257619
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	26.8	23.7	35.5





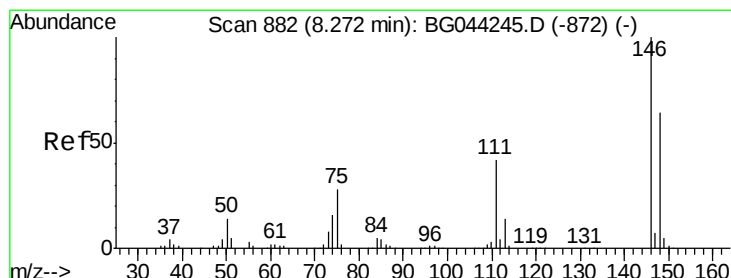
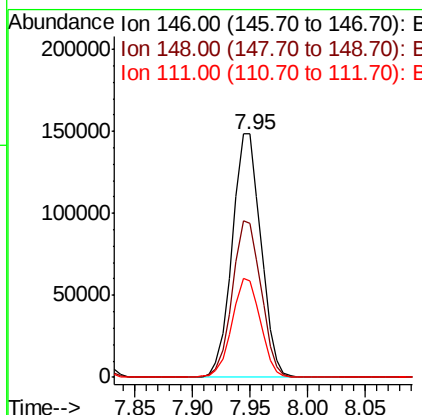
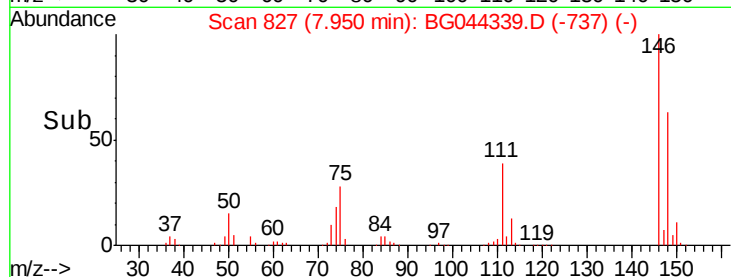
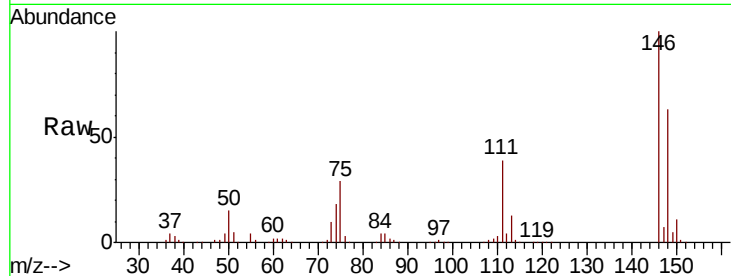
#13
1,4-Dichlorobenzene
Concen: 47.473 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	39.4	31.8	47.8

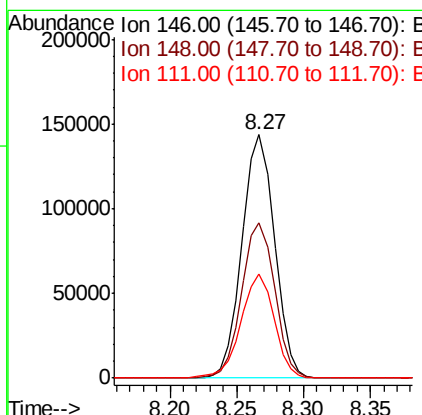
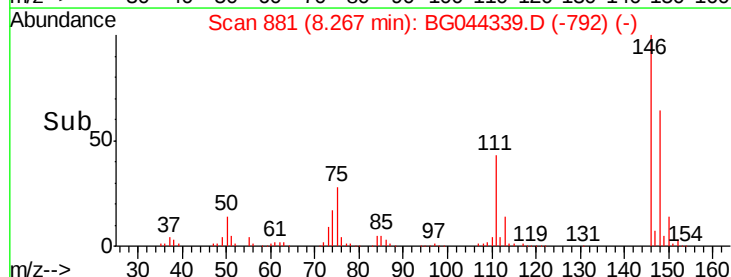
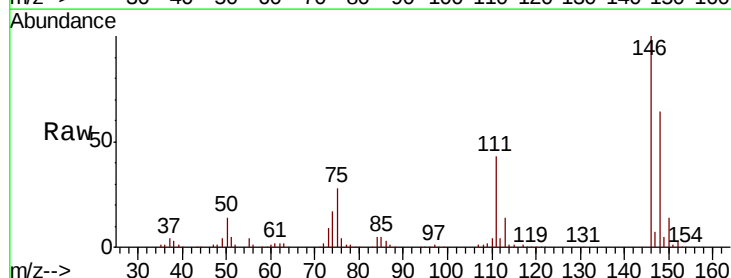
Manual Integrations
APPROVED

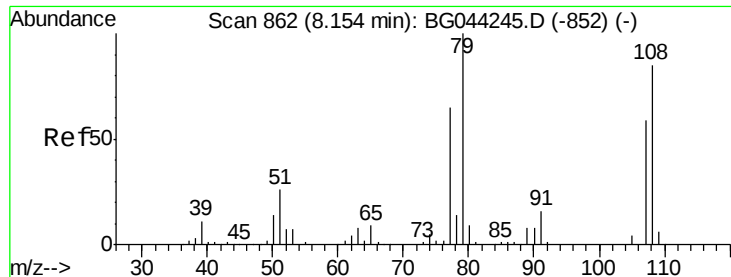
mohammad
2/11/2020 8:25:57 AM



#14
1,2-Dichlorobenzene
Concen: 47.732 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	42.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.435 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

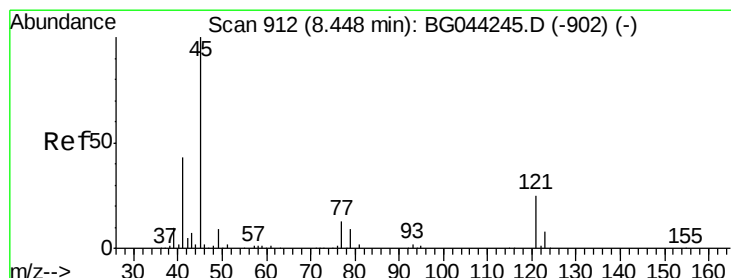
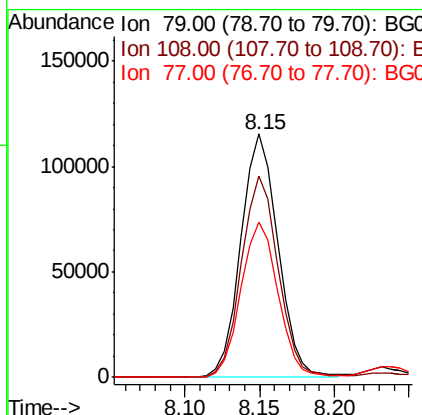
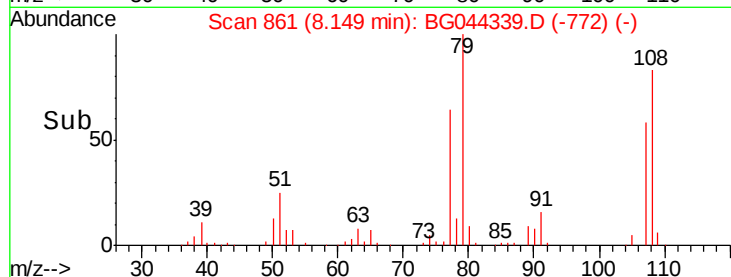
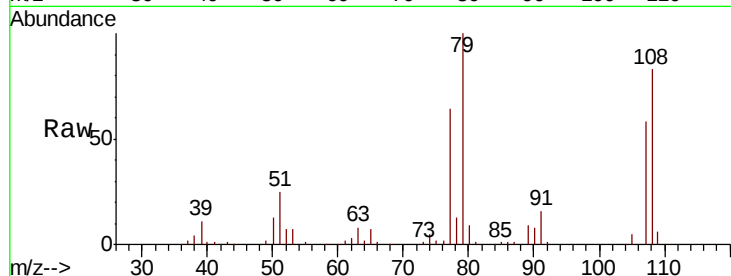
ClientSampleId :

PB126671BSD

Tot Ion	79	Resp	198686
Ion	Ratio	Lower	Upper
79	100		
108	82.7	68.3	102.5
77	63.9	51.8	77.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.927 ng

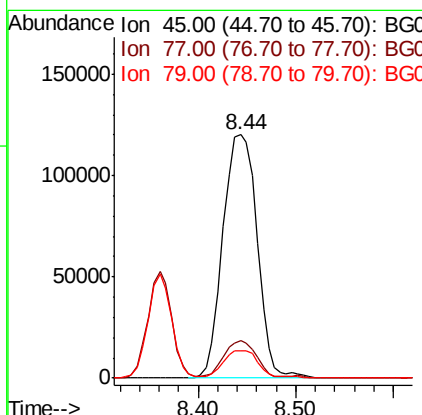
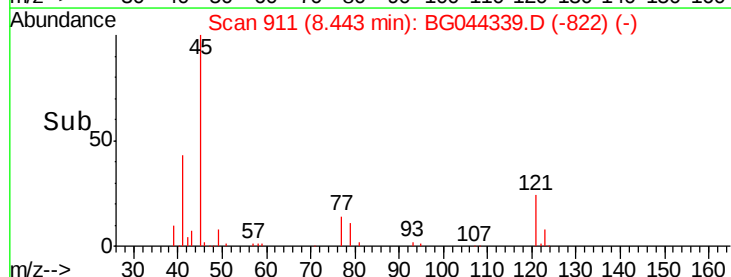
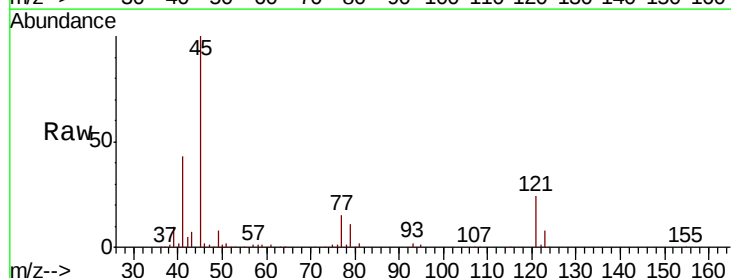
RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion	45	Resp	292654
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.2
79	11.4	0.0	31.1





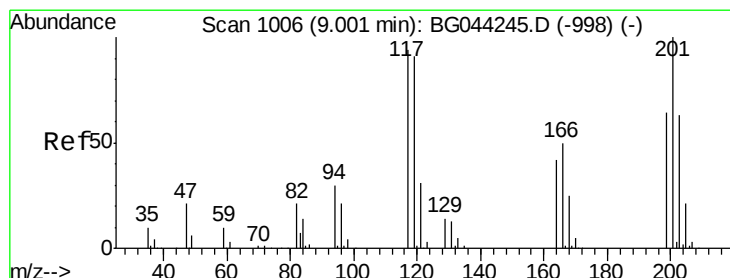
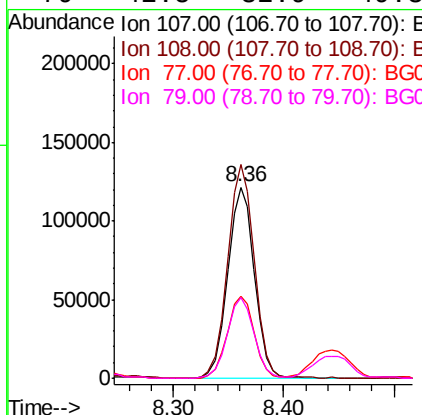
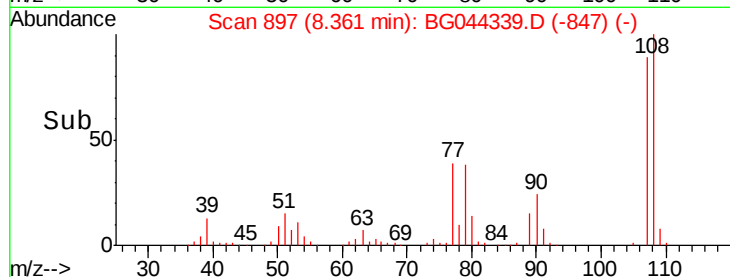
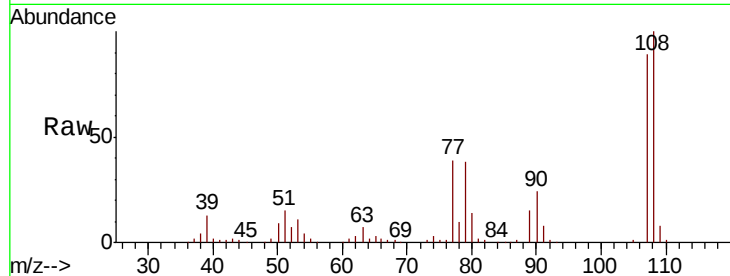
#17
2-Methylphenol
Concen: 52.387 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	86.4	129.6	
77	43.2	34.0	51.0	
79	42.5	32.9	49.3	

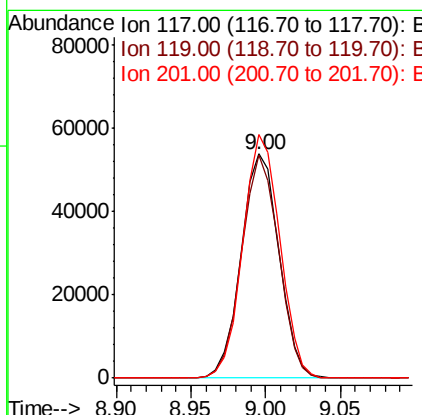
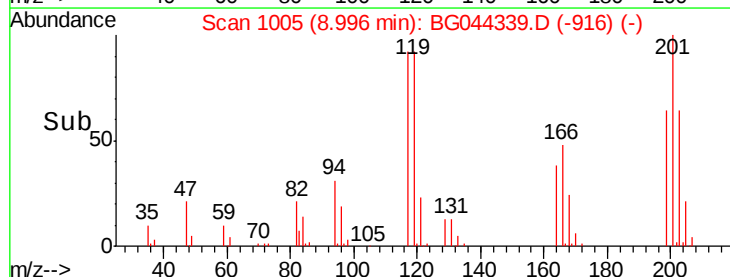
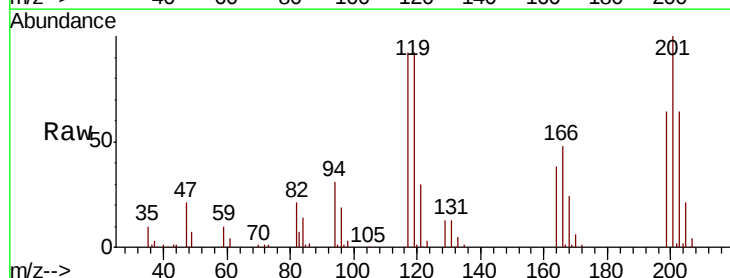
Manual Integrations
APPROVED

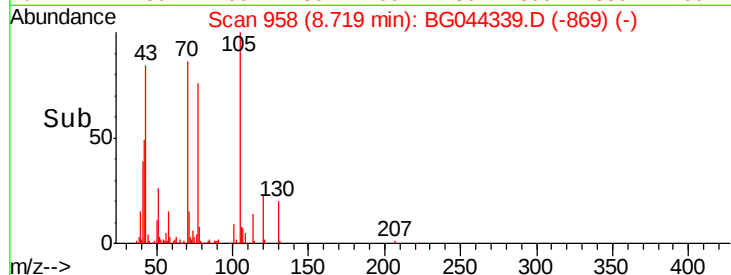
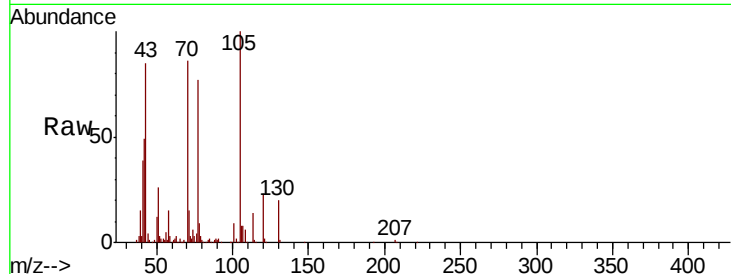
mohammad
2/11/2020 8:25:57 AM



#18
Hexachloroethane
Concen: 46.713 ng
RT: 9.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	77.5	116.3	
201	108.6	84.9	127.3	





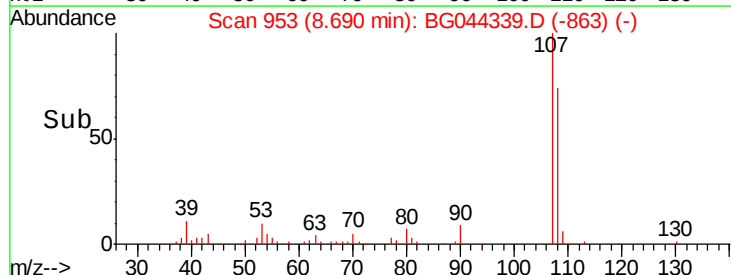
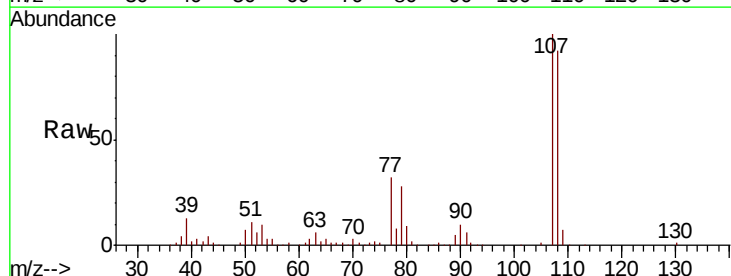
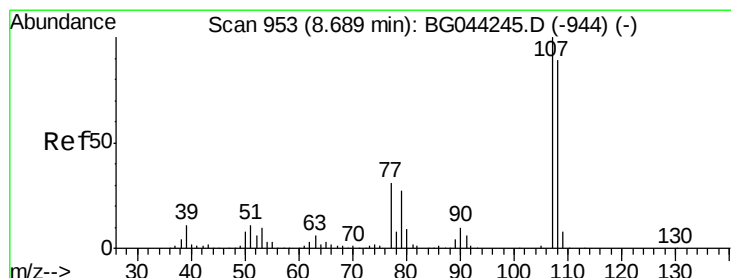
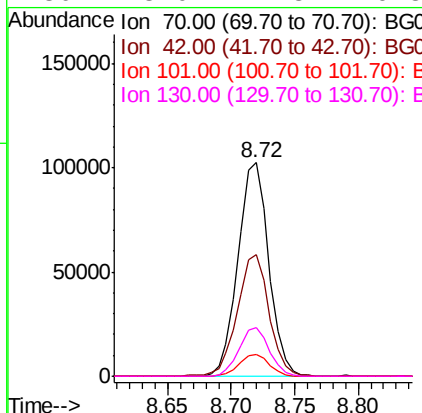
#19
n-Nitroso-di-n-propylamine
Concen: 46.603 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.2	69.2
101	10.4	8.4	12.6
130	23.0	17.8	26.8

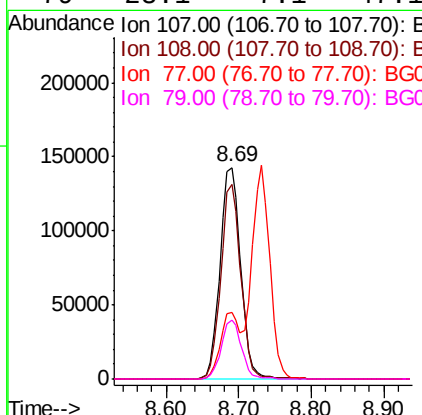
Manual Integrations
APPROVED

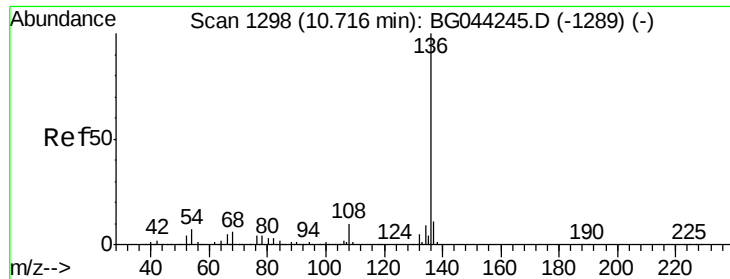
mohammad
2/11/2020 8:25:57 AM



#20
3+4-Methylphenols
Concen: 52.215 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.5	108.5
77	31.7	10.9	50.9
79	28.1	7.1	47.1





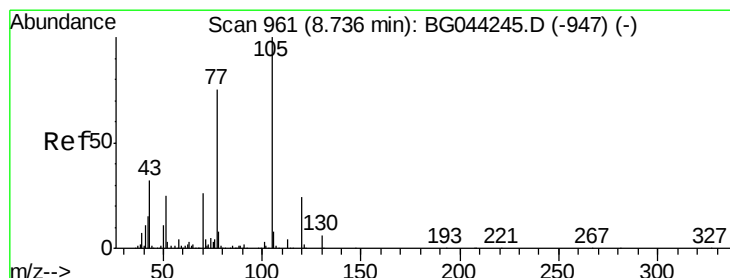
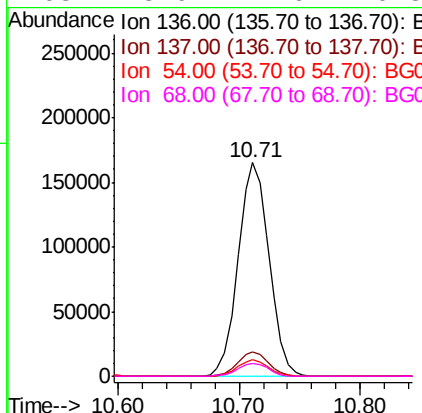
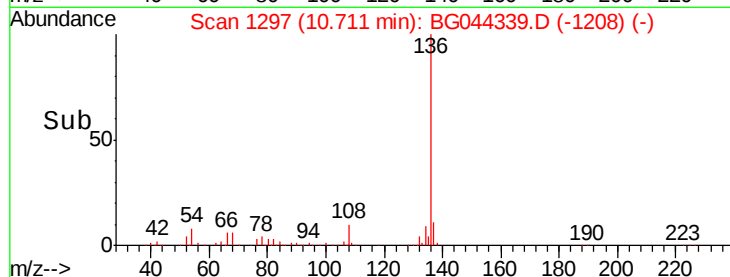
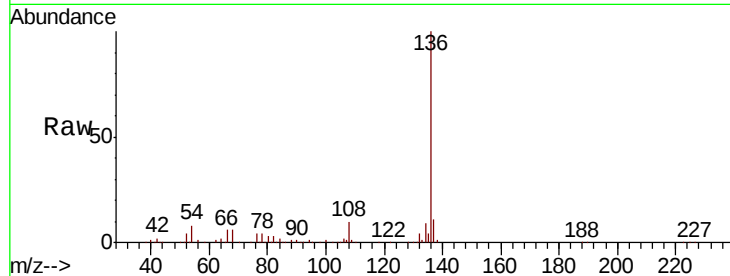
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294424		
137	11.4		8.8	13.2
54	7.6		5.8	8.8
68	5.9		4.6	6.8

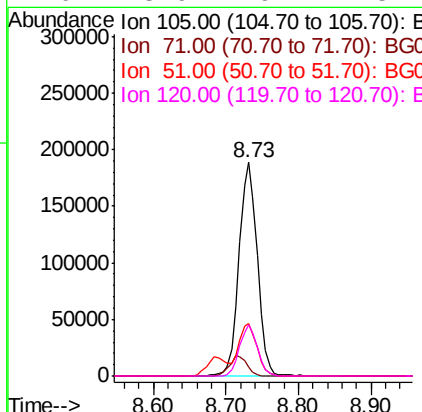
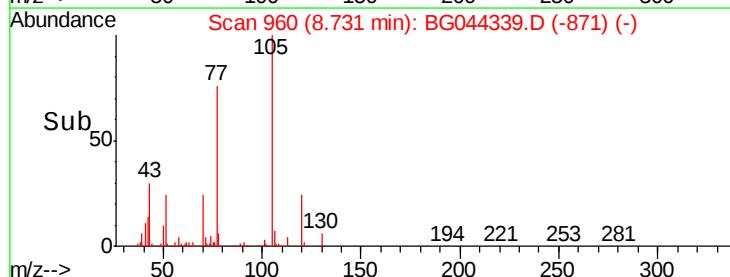
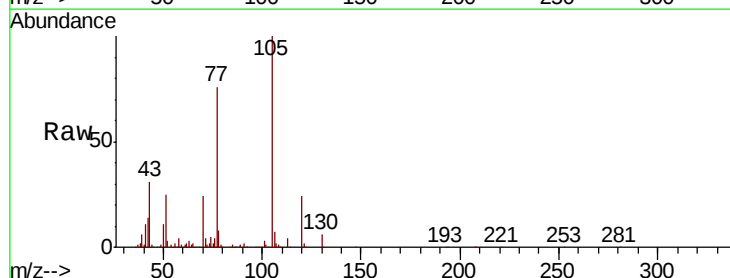
Manual Integrations
APPROVED

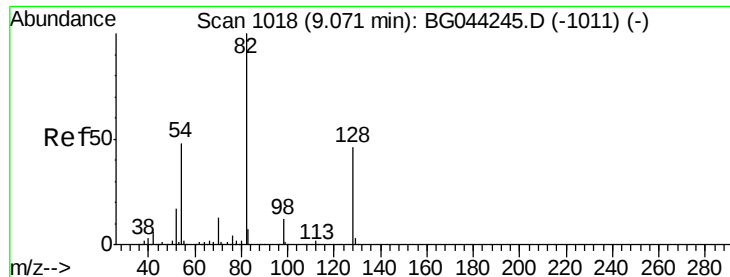
mohammad
2/11/2020 8:25:57 AM



#22
Acetophenone
Concen: 46.057 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329882		
71	4.2		3.4	5.0
51	24.6		20.2	30.4
120	23.9		19.1	28.7





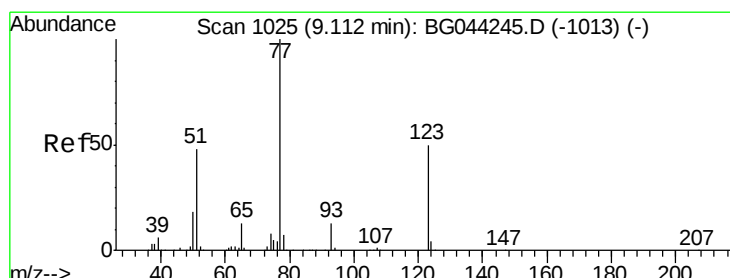
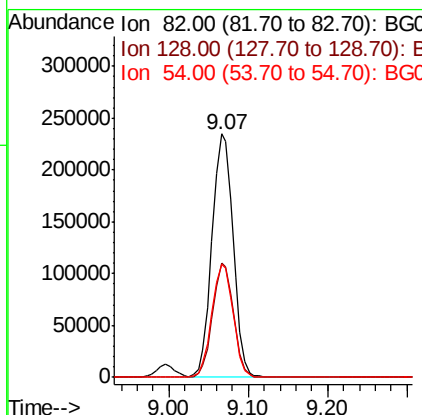
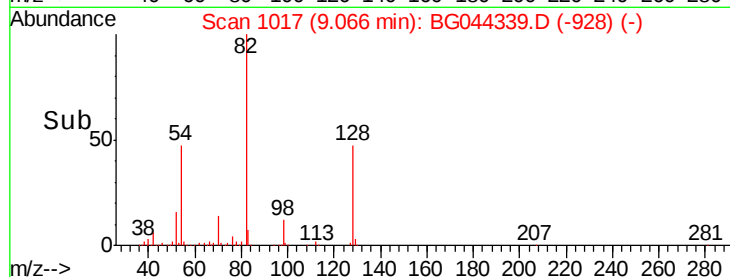
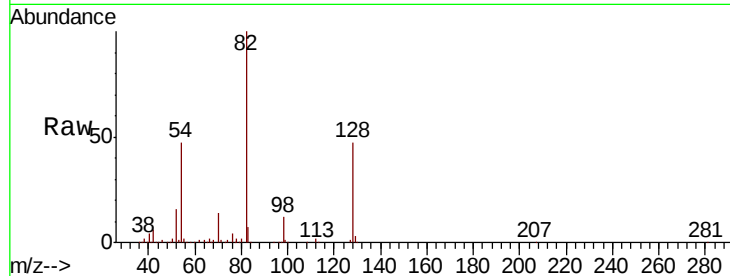
#23
Nitrobenzene-d5
Concen: 83.465 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	46.7	38.6	58.0

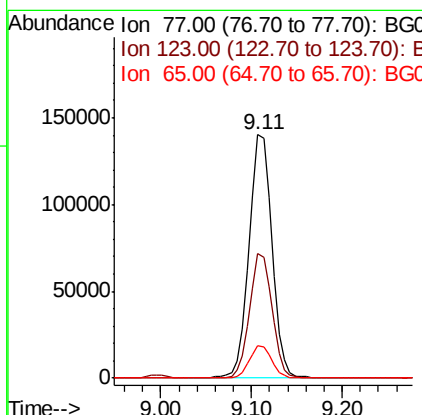
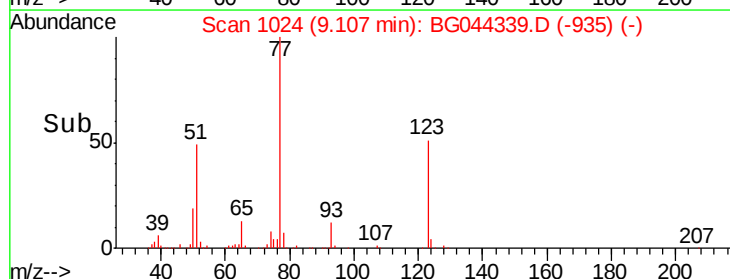
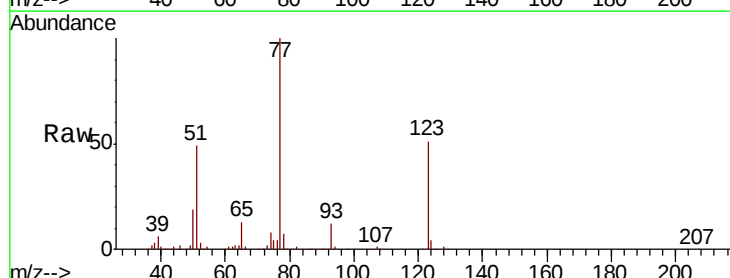
Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#24
Nitrobenzene
Concen: 48.328 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	39.9	59.9
65	13.1	10.4	15.6





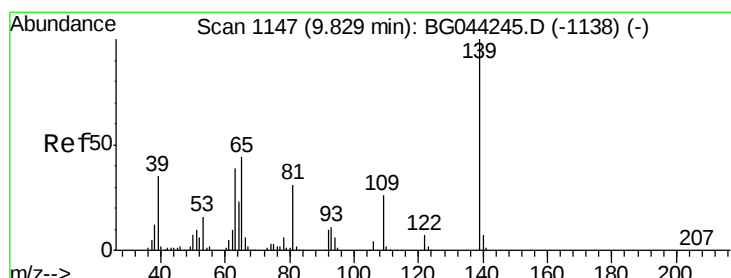
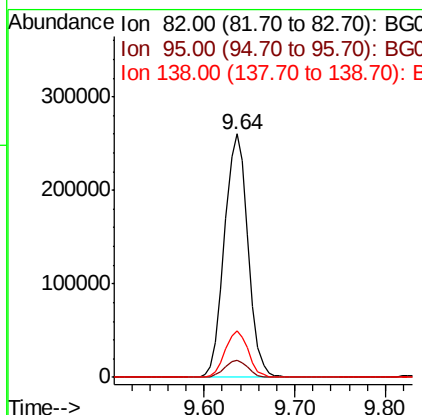
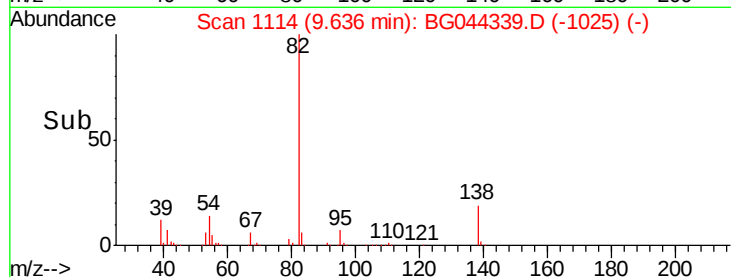
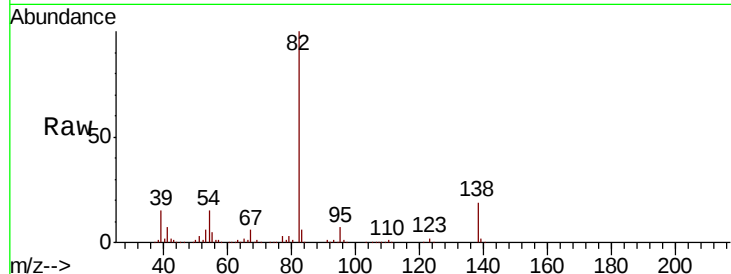
#25
Isophorone
Concen: 48.168 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	468204		
95	6.8	5.7	8.5	
138	19.3	15.0	22.4	

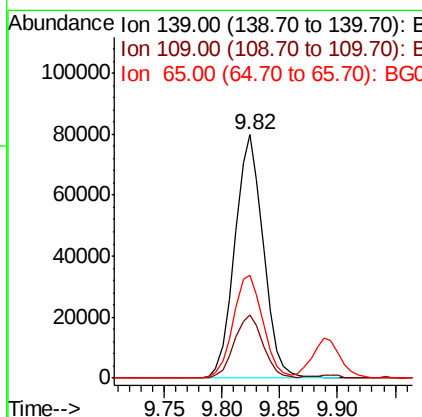
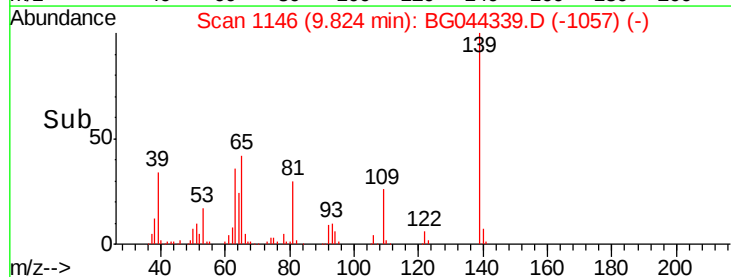
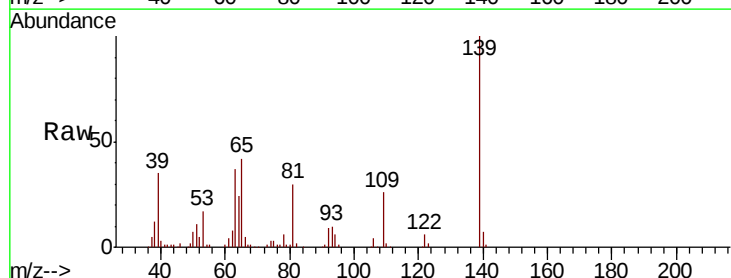
Manual Integrations
APPROVED

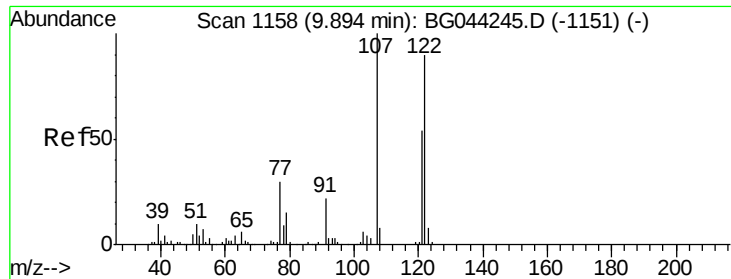
mohammad
2/11/2020 8:25:57 AM



#26
2-Nitrophenol
Concen: 51.684 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	136536		
109	26.0	21.0	31.4	
65	42.3	35.0	52.4	





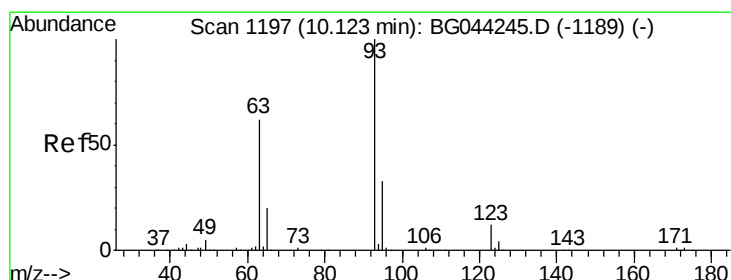
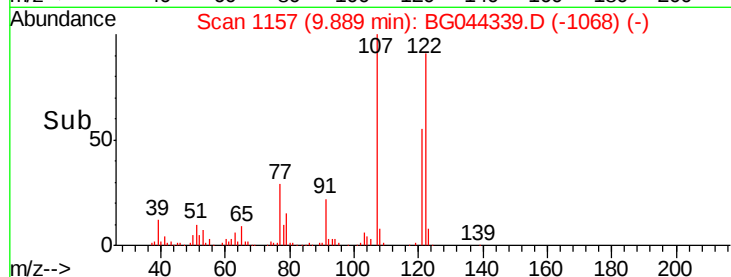
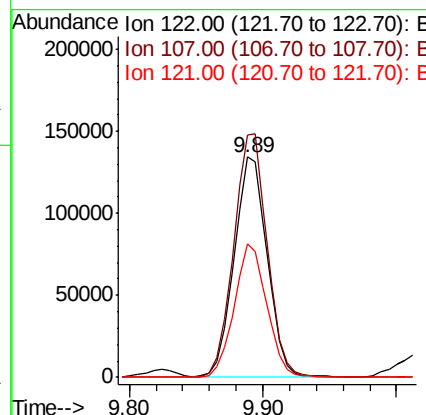
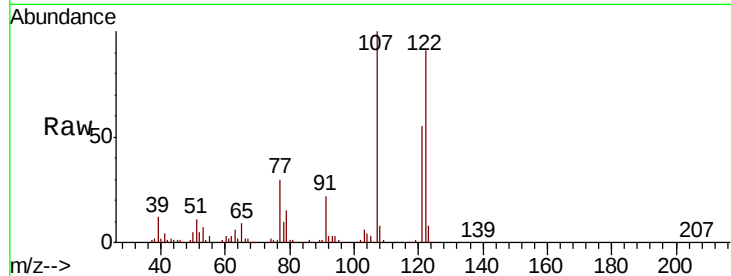
#27
2,4-Dimethylphenol
Concen: 61.771 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230350		
107	110.4	88.8	133.2	
121	60.5	48.3	72.5	

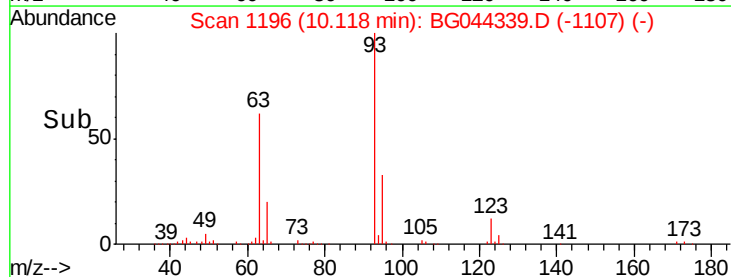
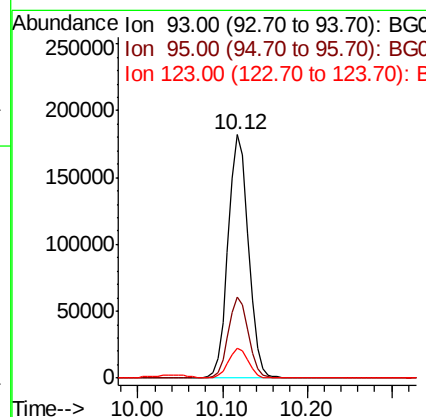
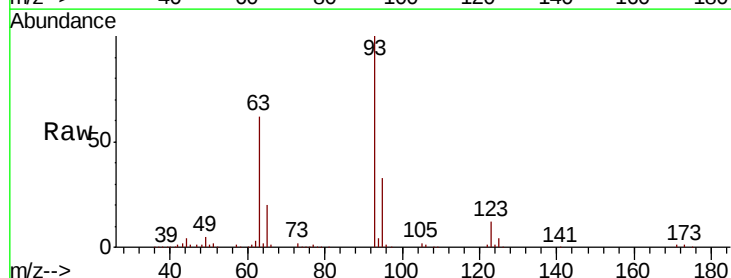
Manual Integrations
APPROVED

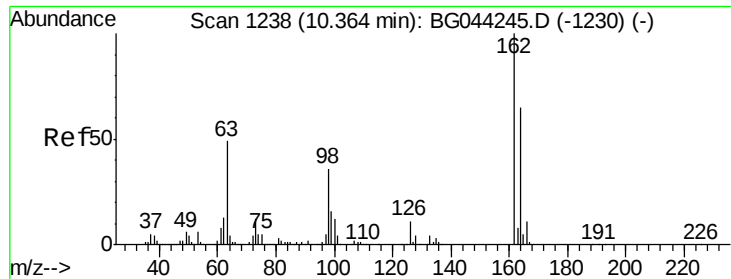
mohammad
2/11/2020 8:25:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.637 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	302411		
95	33.2	26.6	40.0	
123	12.0	10.0	15.0	





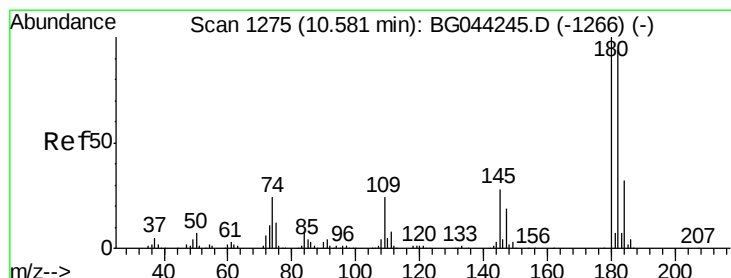
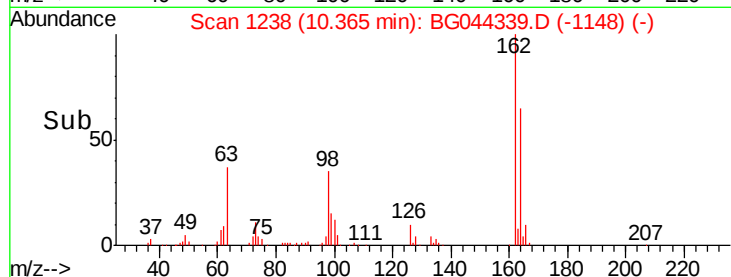
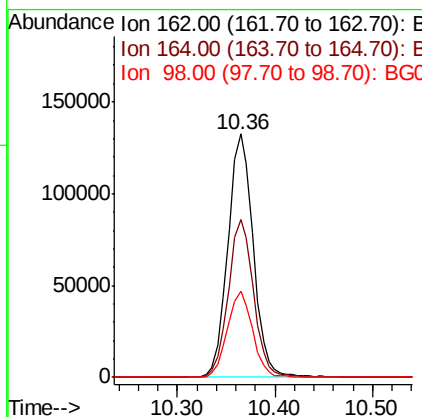
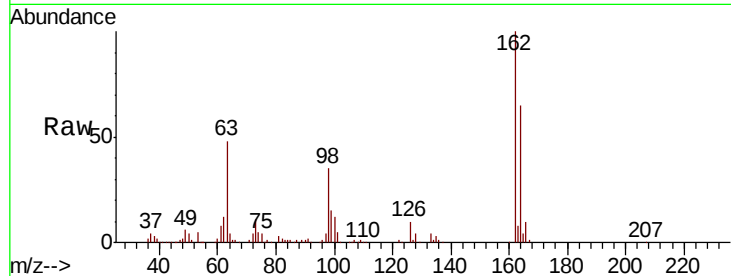
#29
2,4-Dichlorophenol
Concen: 53.014 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239050		
164	65.1	44.7	84.7	
98	35.2	15.8	55.8	

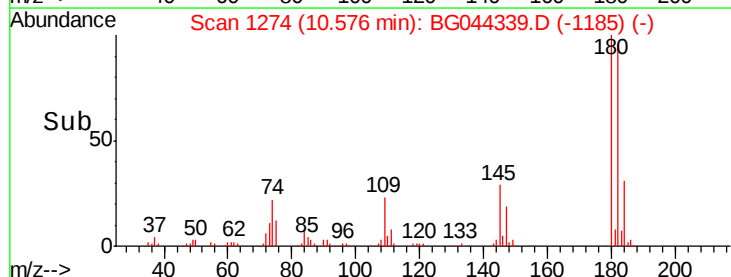
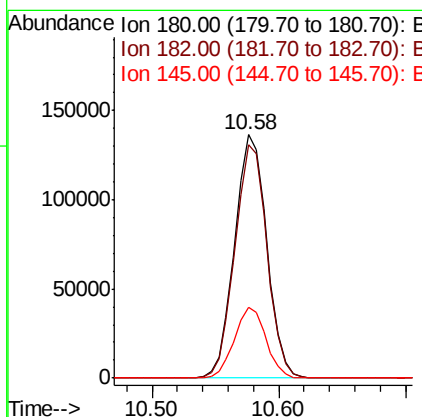
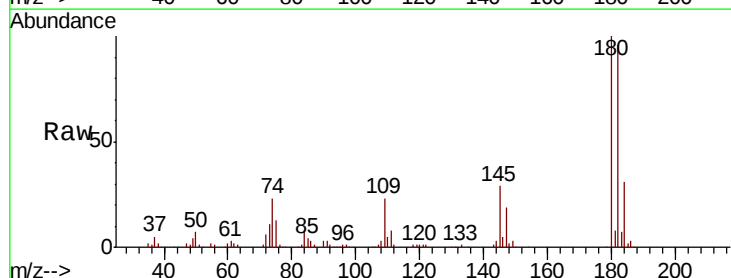
Manual Integrations
APPROVED

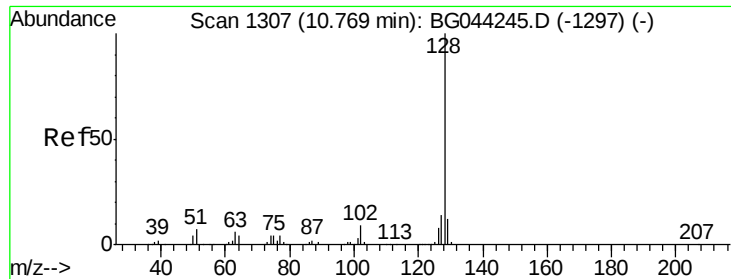
mohammad
2/11/2020 8:25:57 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.337 ng
RT: 10.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239583		
182	95.9	75.5	113.3	
145	29.2	22.6	34.0	





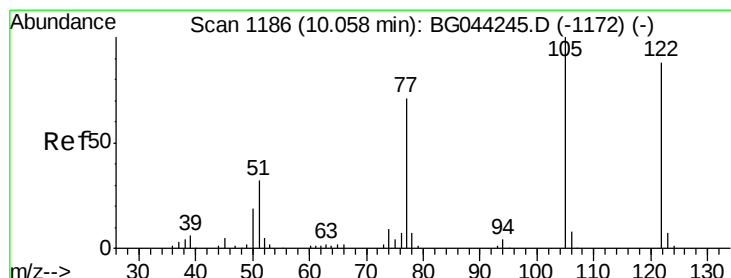
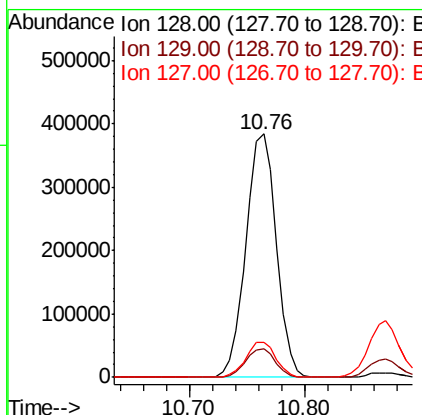
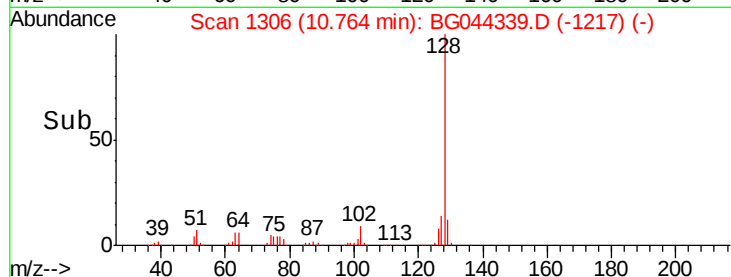
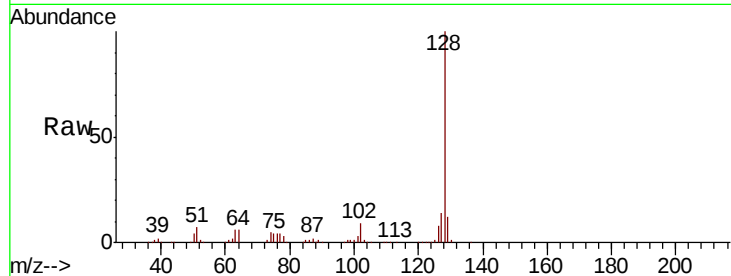
#31
Naphthalene
Concen: 49.437 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.3	11.6	17.4

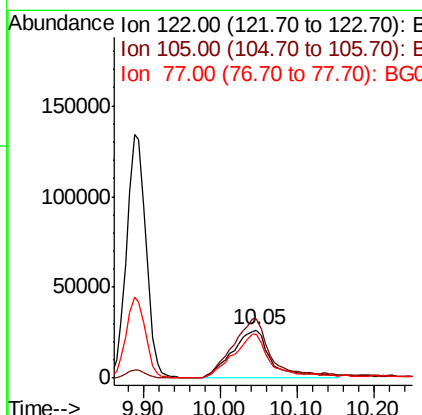
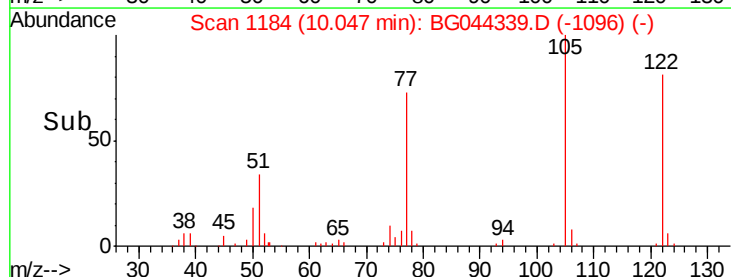
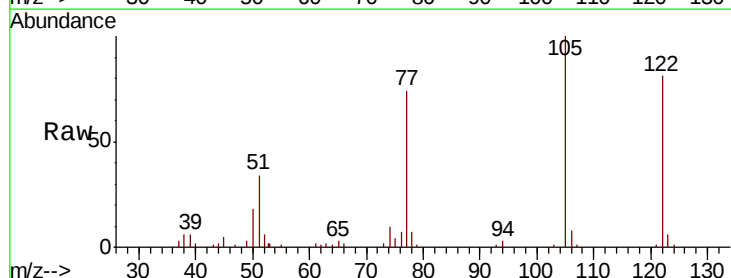
Manual Integrations
APPROVED

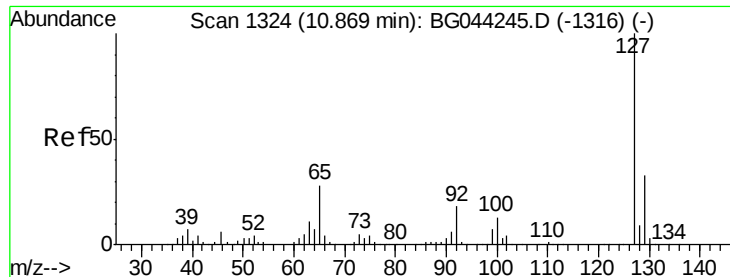
mohammad
2/11/2020 8:25:57 AM



#32
Benzoic acid
Concen: 40.523 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	93.5	133.5
77	90.8	61.0	101.0





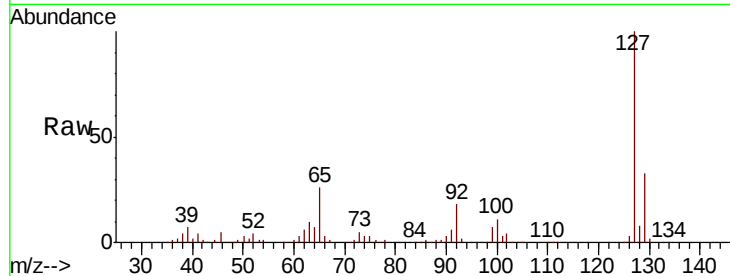
#33
4-Chloroaniline
Concen: 26.426 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampled :
PB126671BSD

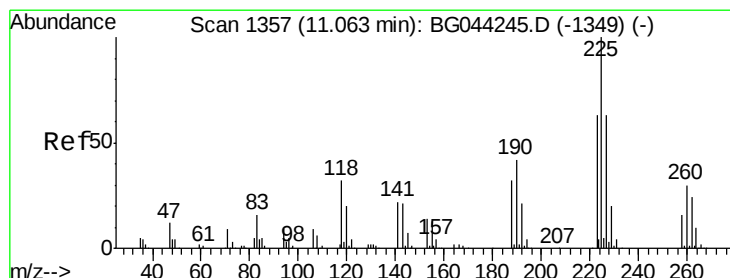
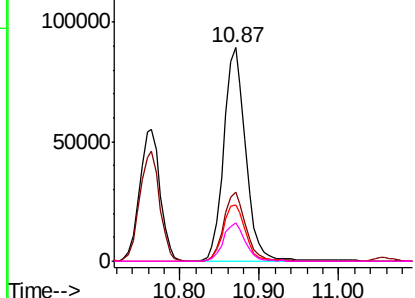
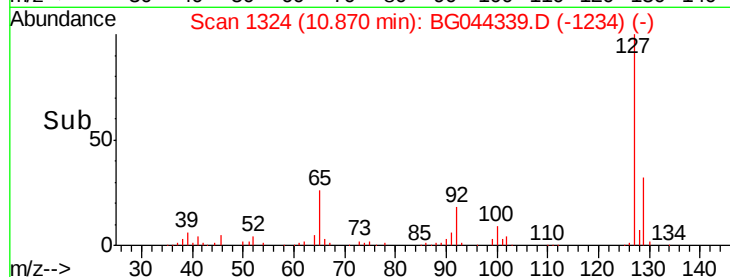
Tot Ion	Ratio	Resp	Lower	Upper
127	100	171681		
129	32.5	26.6	40.0	
65	26.4	22.5	33.7	
92	18.2	14.1	21.1	

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

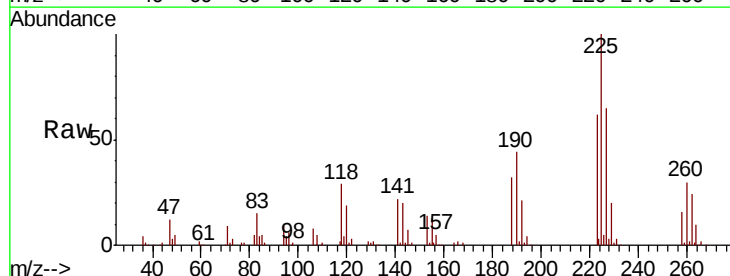


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

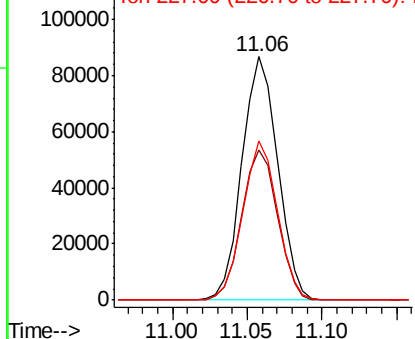
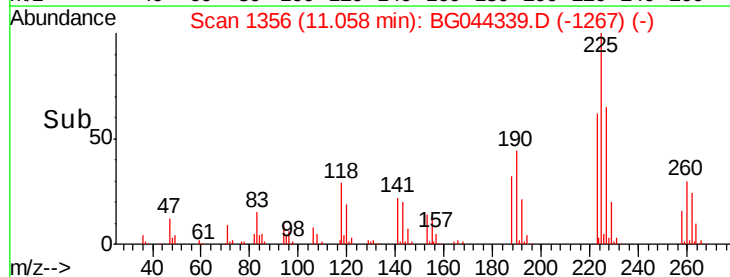


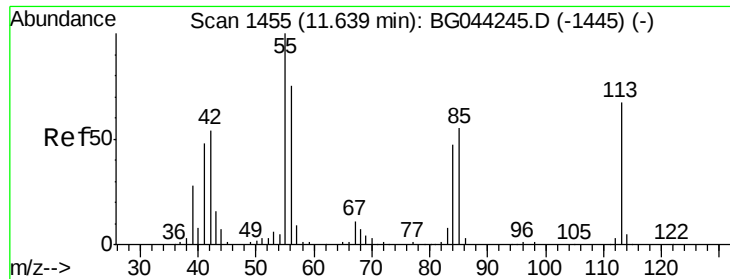
#34
Hexachlorobutadiene
Concen: 45.098 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143478		
223	61.6	50.2	75.4	
227	65.1	50.8	76.2	



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





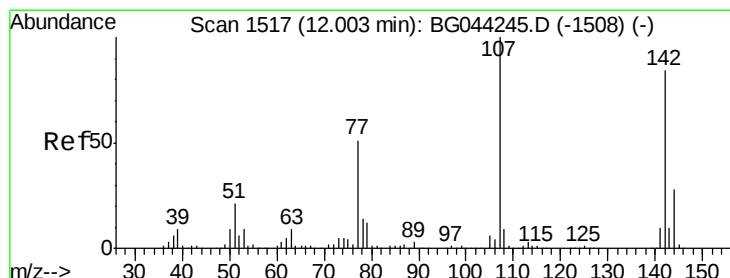
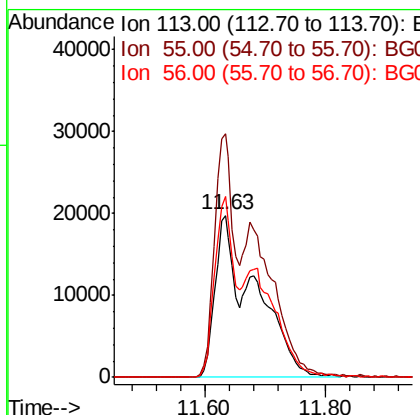
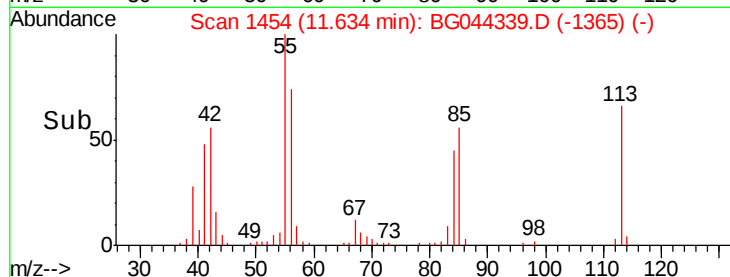
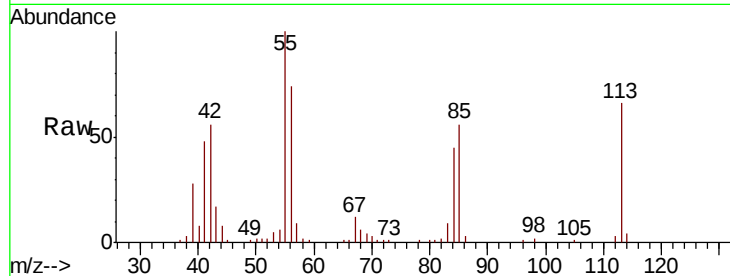
#35
Caprolactam
Concen: 53.679 ng/ml
RT: 11.63 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.4	129.9	169.9
56	111.9	92.5	132.5

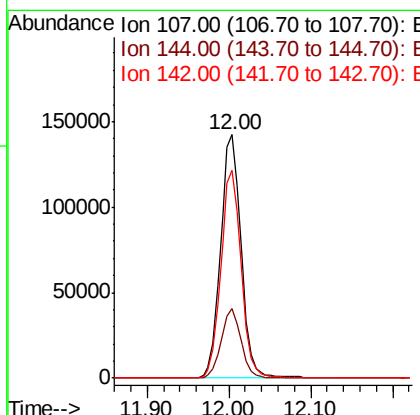
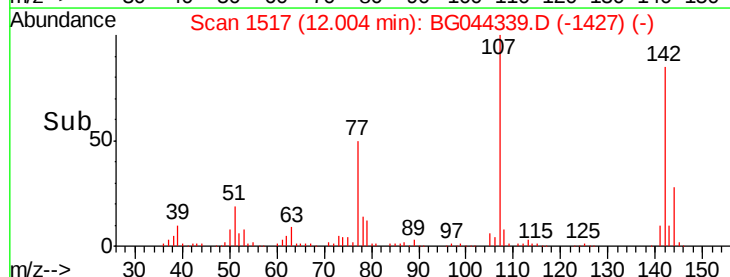
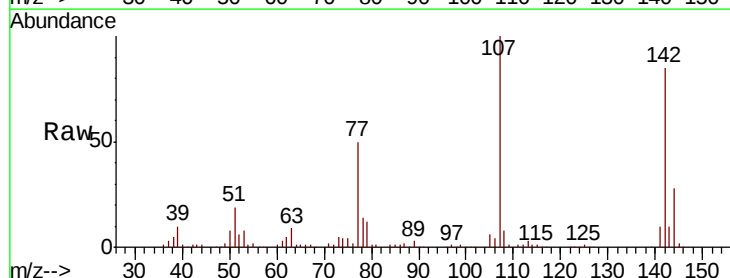
Manual Integrations
APPROVED

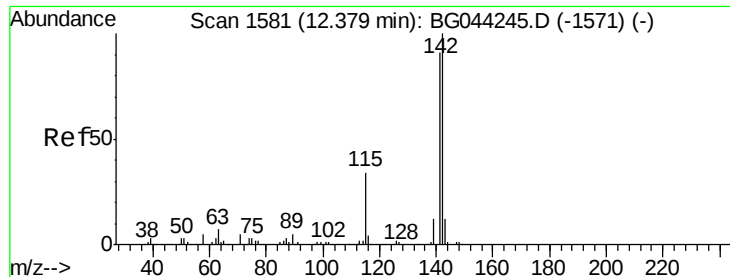
mohammad
2/11/2020 8:25:57 AM



#36
4-Chloro-3-methylphenol
Concen: 52.433 ng/ml
RT: 12.00 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.2	33.4
142	85.4	67.4	101.0





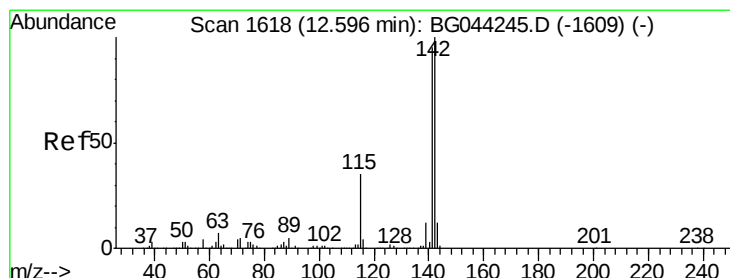
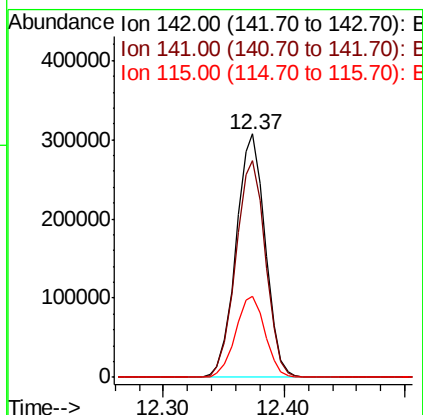
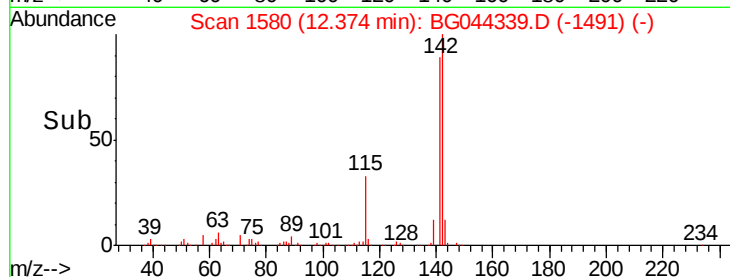
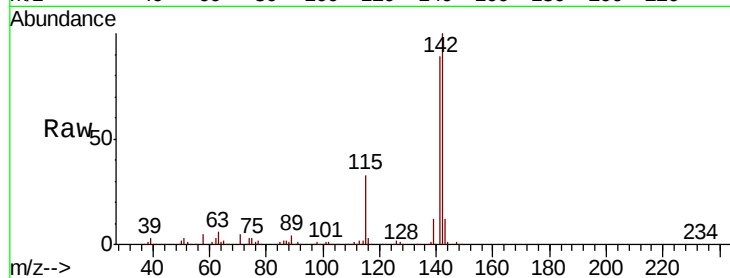
#37
2-Methylnaphthalene
Concen: 48.851 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.2	109.8
115	33.1	27.1	40.7

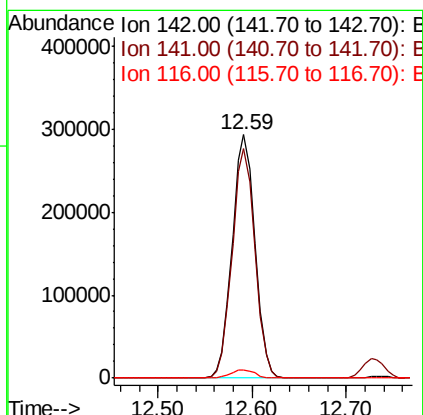
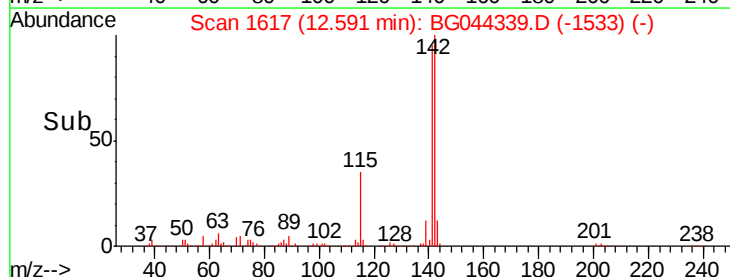
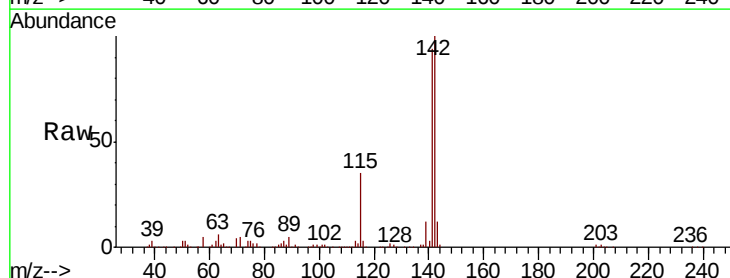
Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#38
1-Methylnaphthalene
Concen: 49.274 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.4	3.1	4.7





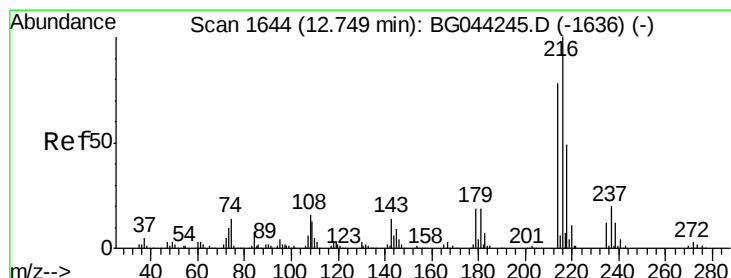
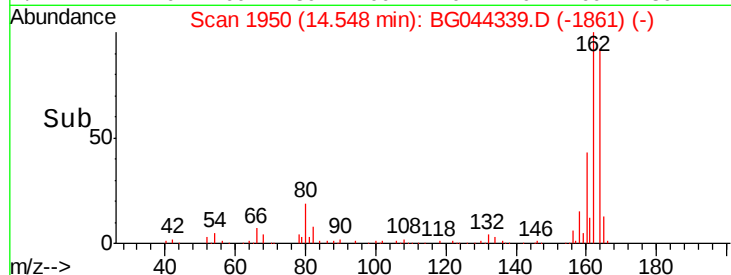
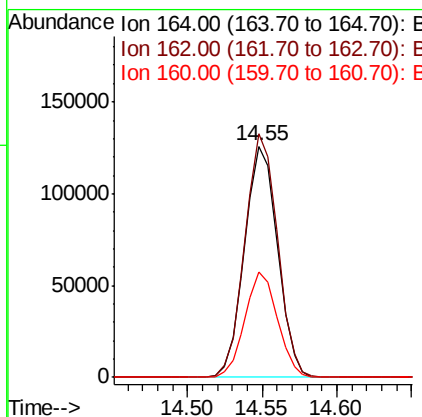
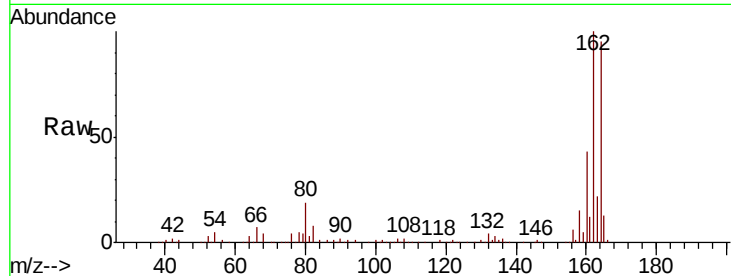
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	192999		
162	105.2	80.7	121.1	
160	45.3	35.3	52.9	

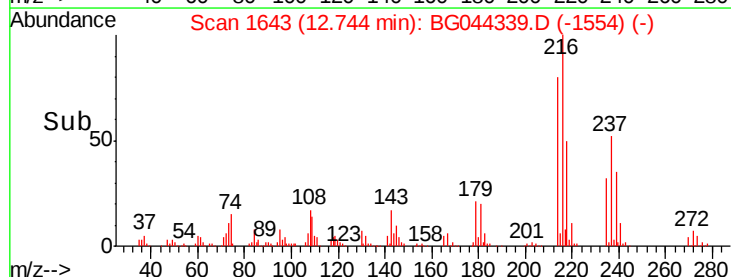
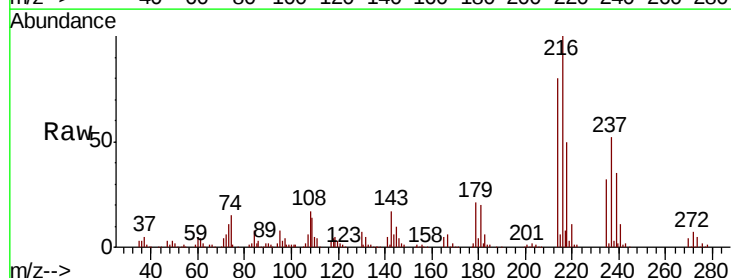
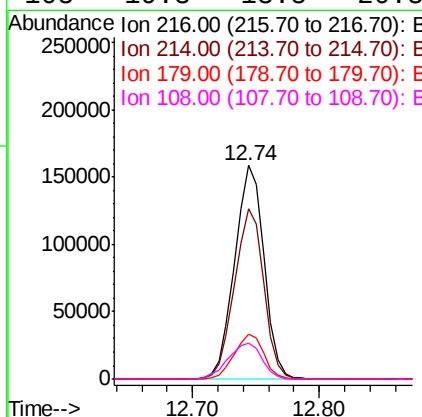
Manual Integrations
APPROVED

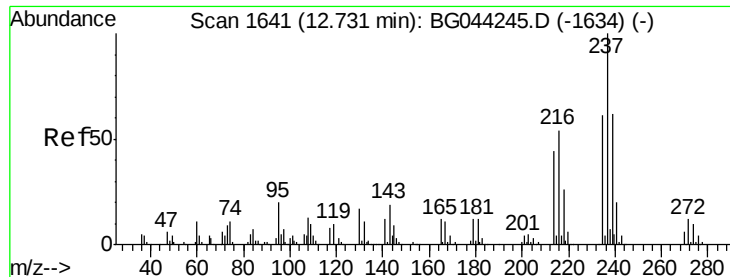
mohammad
2/11/2020 8:25:57 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.885 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	253360		
214	79.6	63.0	94.6	
179	20.9	16.2	24.4	
108	19.3	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 119.315 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

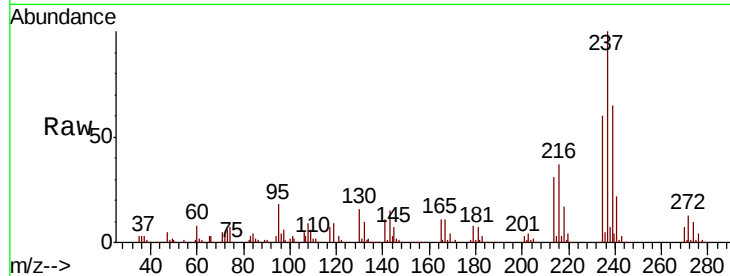
ClientSampleId :

PB126671BSD

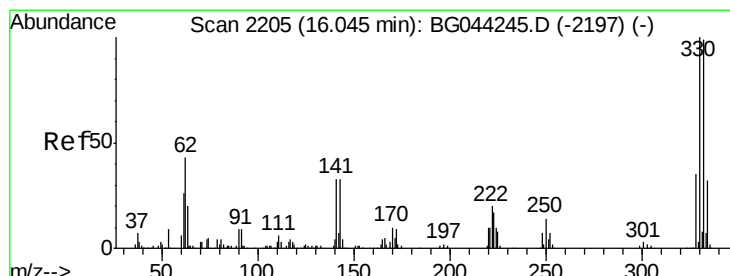
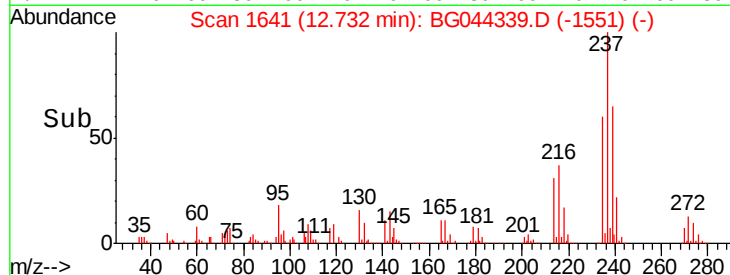
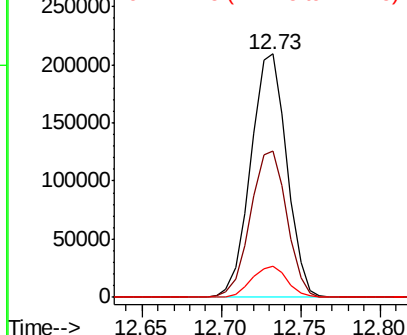
Tot Ion:	237	Resp:	330523
Ion Ratio	Lower	Upper	
237	100		
235	60.3	41.2	81.2
272	12.6	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



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



#42

2,4,6-Tribromophenol

Concen: 91.636 ng

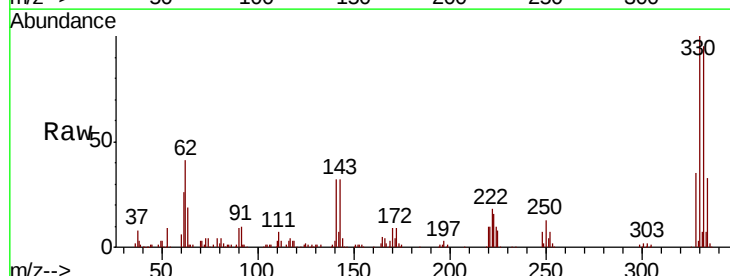
RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

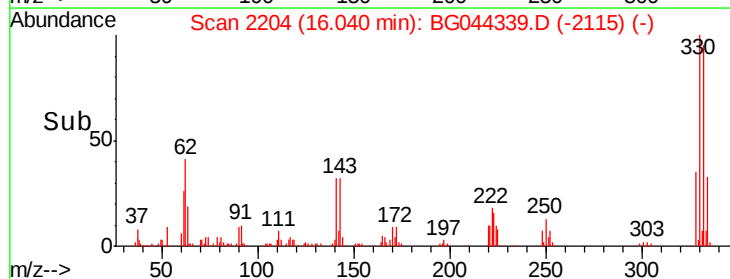
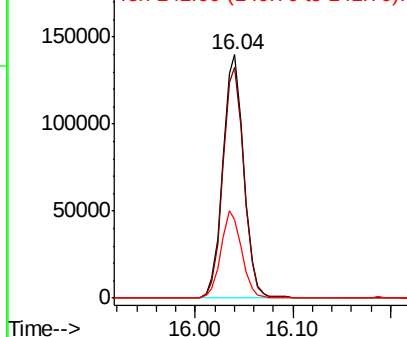
Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	330	Resp:	207619
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.2	115.8
141	35.4	28.3	42.5



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





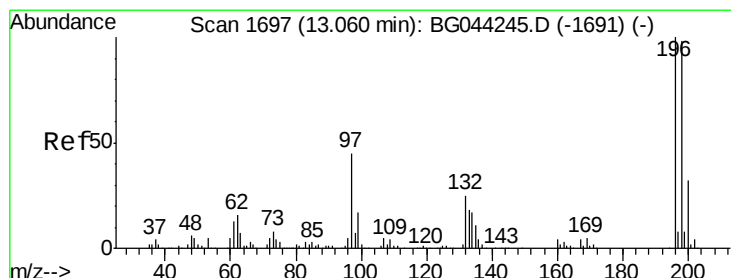
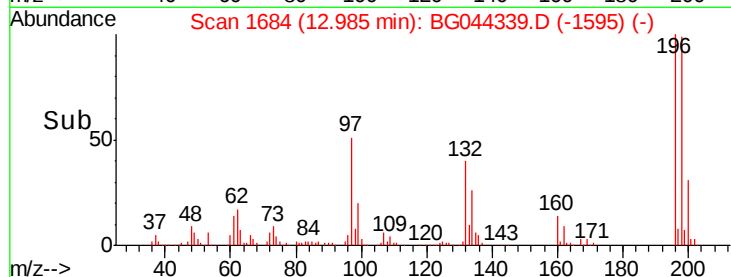
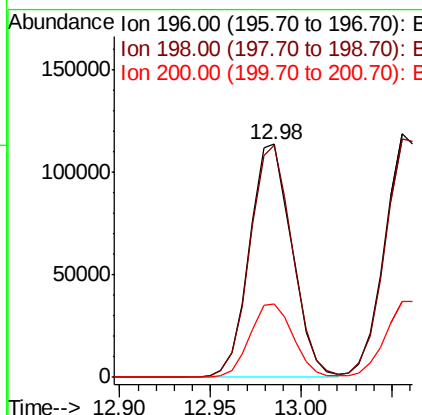
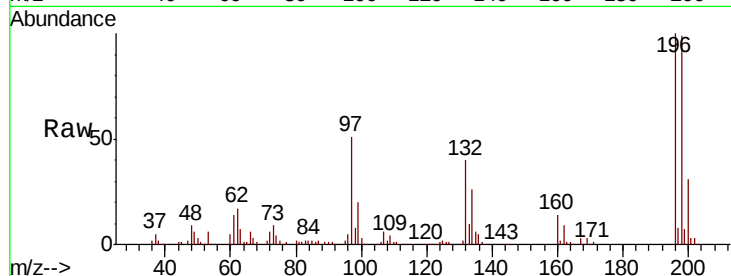
#43
 2,4,6-Trichlorophenol
 Concen: 49.801 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185840		
198	99.4	79.3	118.9	
200	31.5	25.7	38.5	

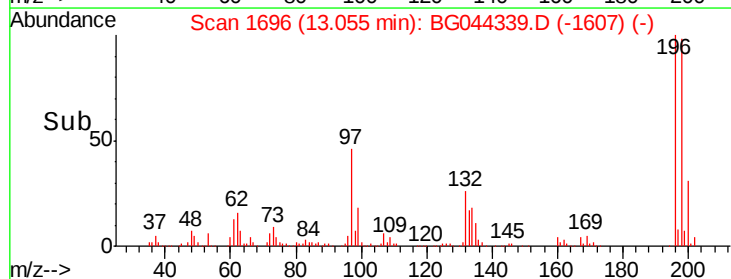
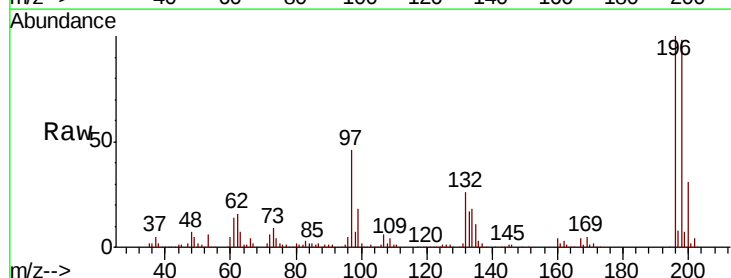
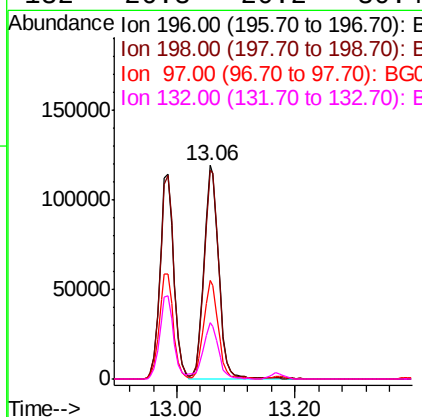
Manual Integrations
 APPROVED

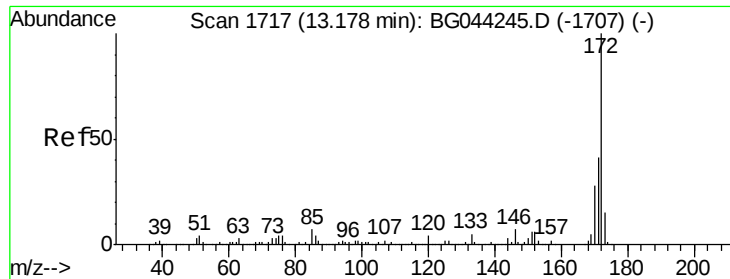
mohammad
 2/11/2020 8:25:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 54.381 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207274		
198	97.9	78.2	117.2	
97	45.9	36.2	54.4	
132	26.3	20.2	30.4	





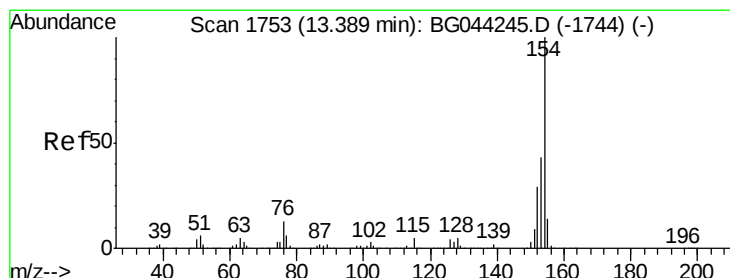
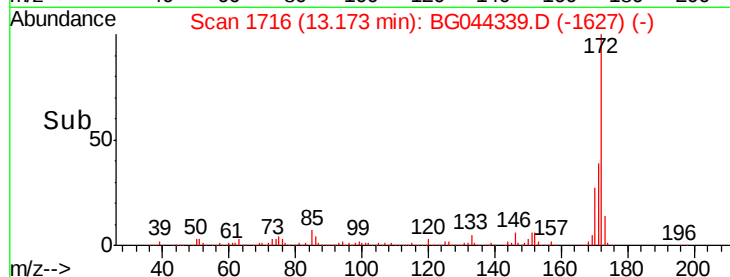
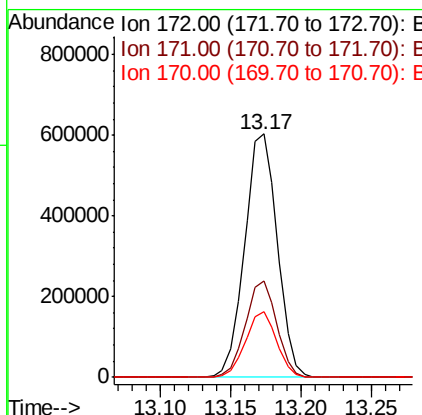
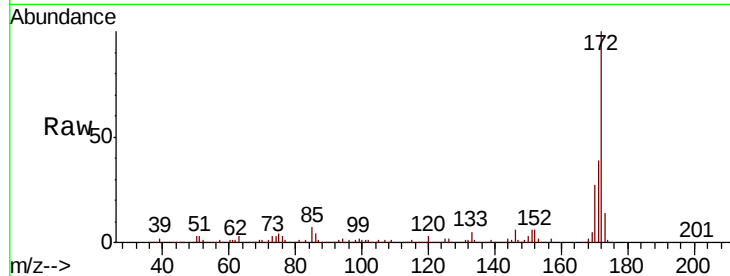
#45
2-Fluorobiphenyl
Concen: 84.723 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.8	22.0	33.0

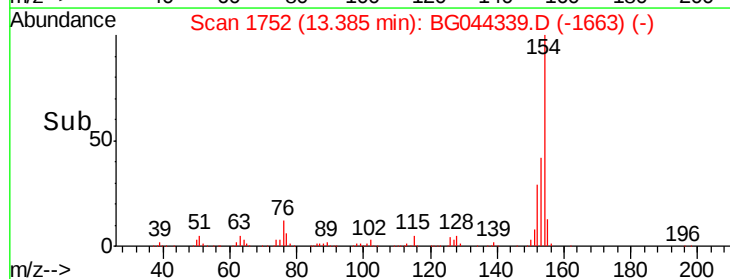
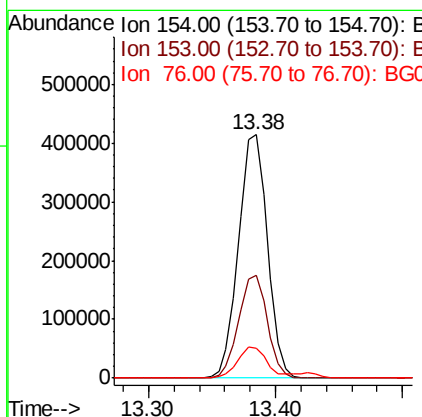
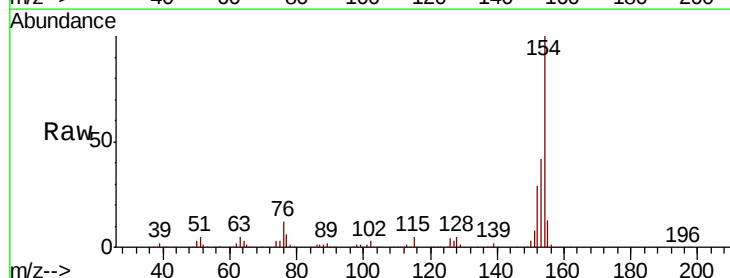
Manual Integrations
APPROVED

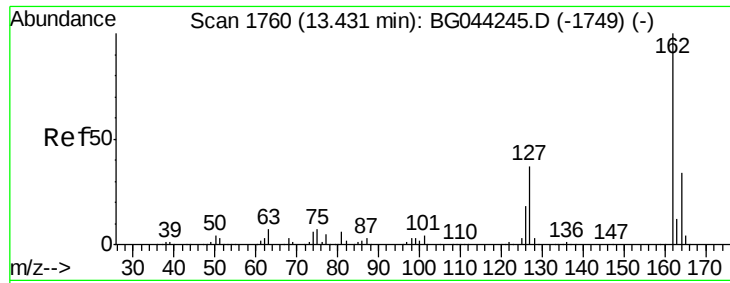
mohammad
2/11/2020 8:25:57 AM



#46
1,1'-Biphenyl
Concen: 47.074 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	12.3	0.0	32.9





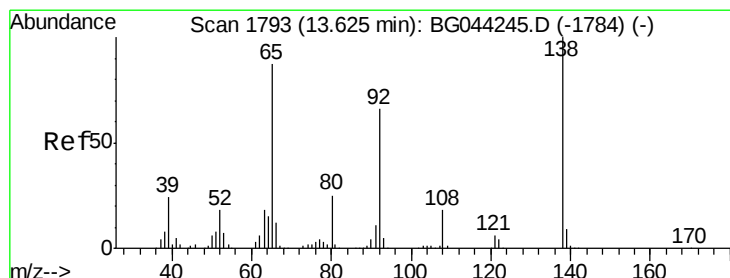
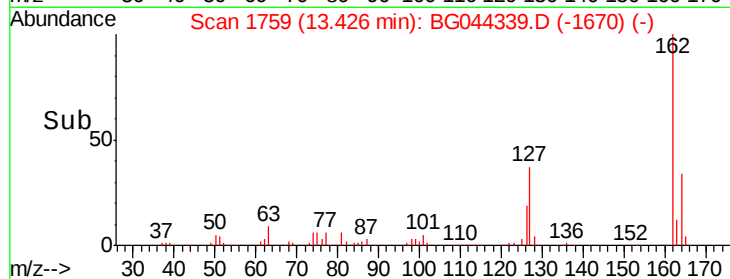
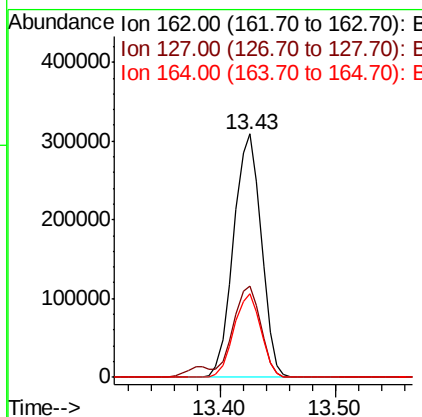
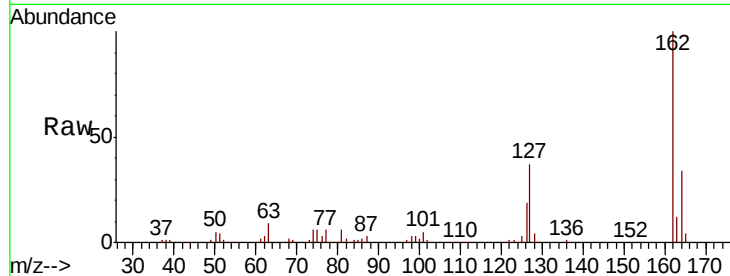
#47
 2-Chloronaphthalene
 Concen: 46.373 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.3	27.2	40.8

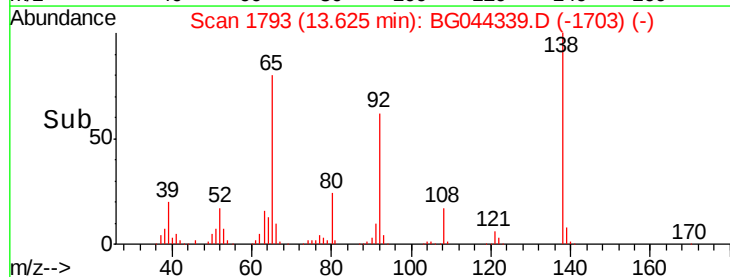
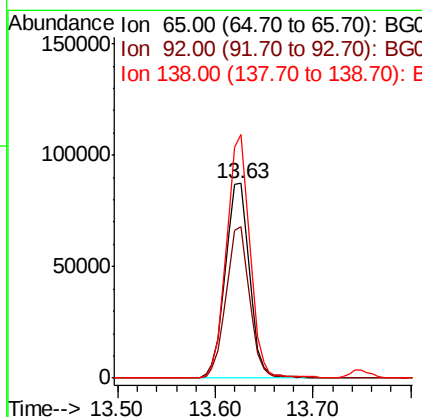
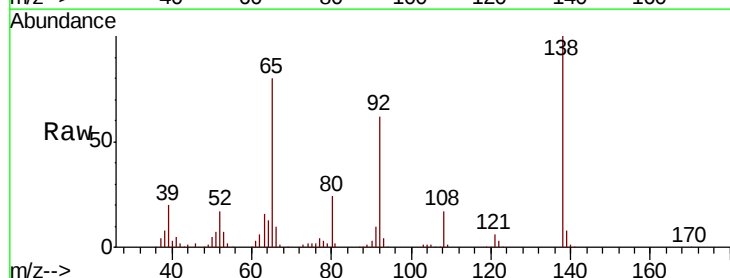
Manual Integrations
 APPROVED

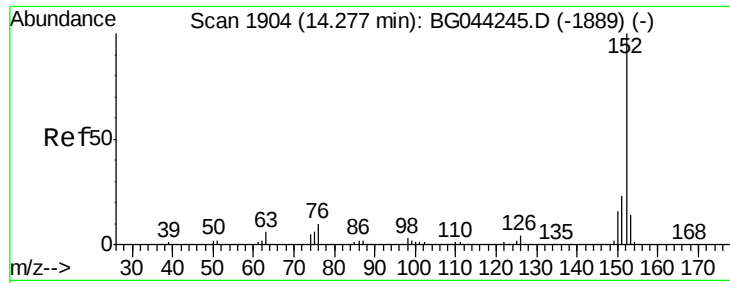
mohammad
 2/11/2020 8:25:57 AM



#48
 2-Nitroaniline
 Concen: 46.358 ng
 RT: 13.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.5	60.3	90.5
138	125.0	91.9	137.9





#49

Acenaphthylene

Concen: 50.136 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

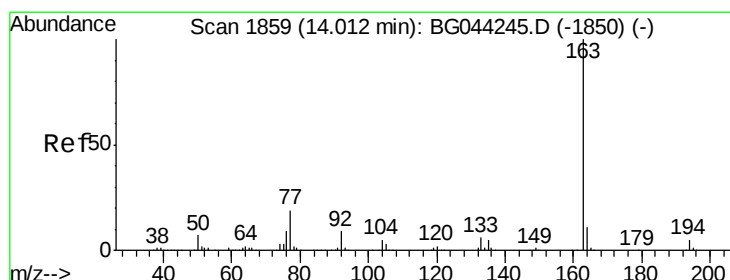
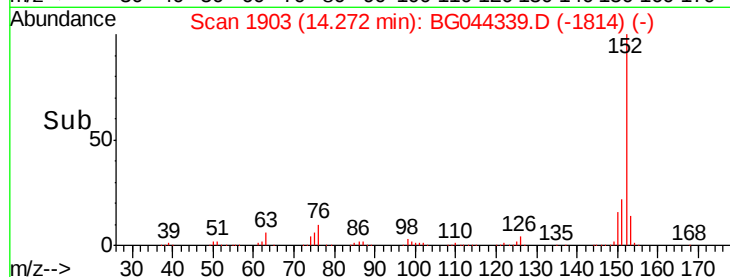
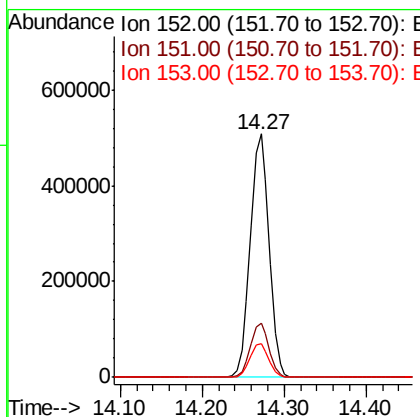
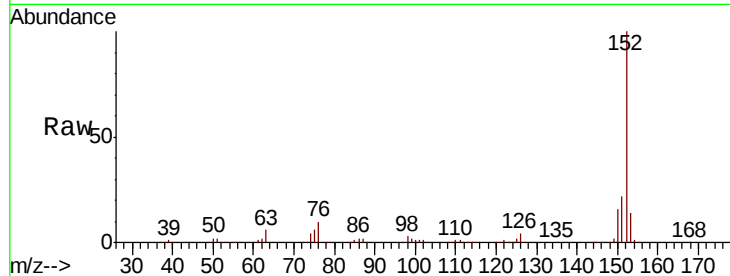
ClientSampleId :

PB126671BSD

Tot Ion:	152	Resp:	814612
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.0	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#50

Dimethylphthalate

Concen: 48.050 ng

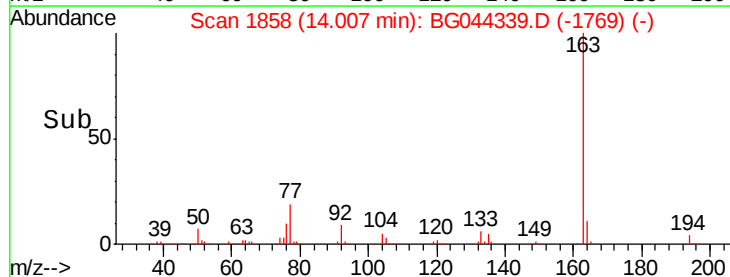
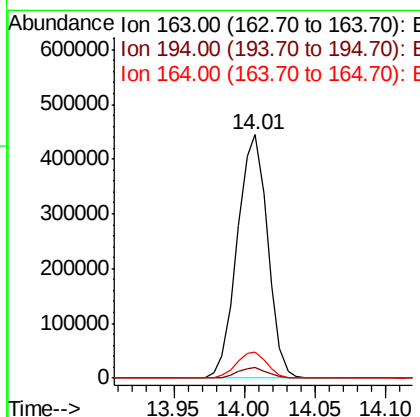
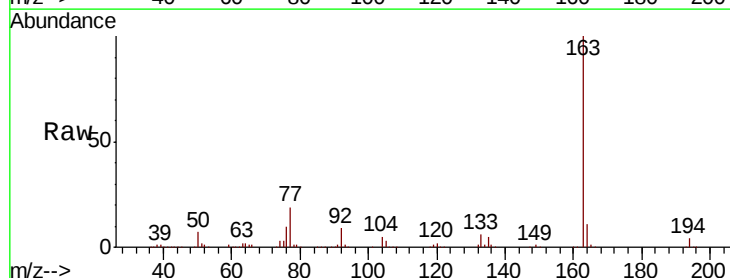
RT: 14.01 min Scan# 1858

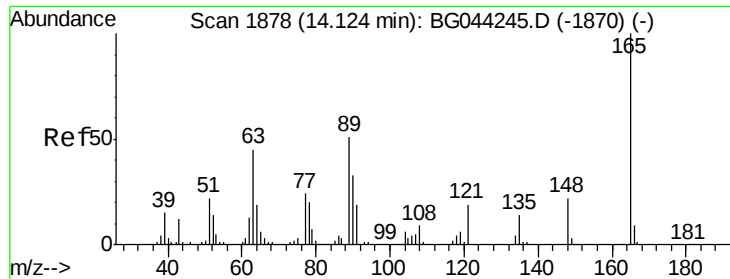
Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	163	Resp:	666616
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.6	8.7	13.1





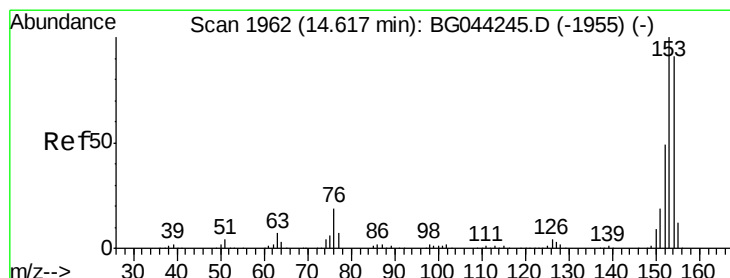
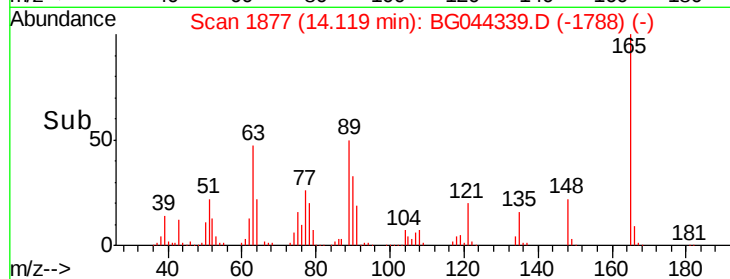
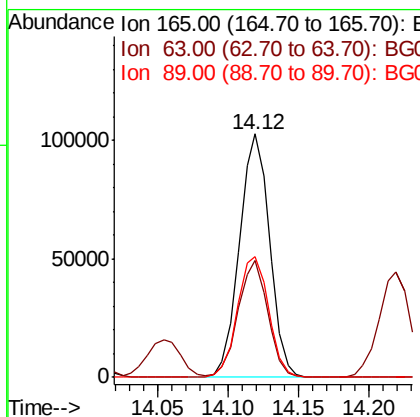
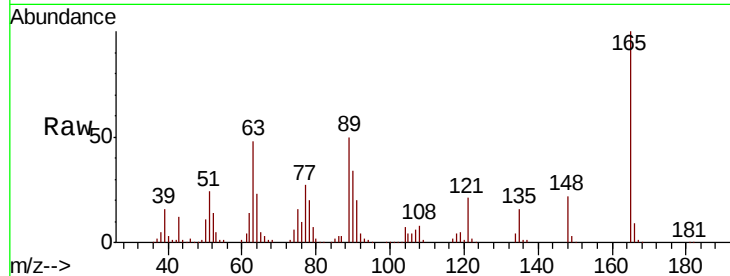
#51
2,6-Dinitrotoluene
Concen: 49.551 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampled :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	38.7	58.1
89	49.7	40.4	60.6

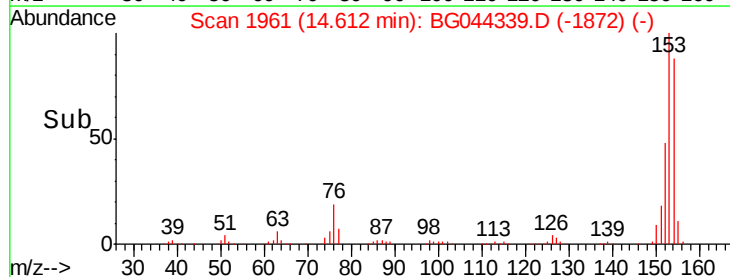
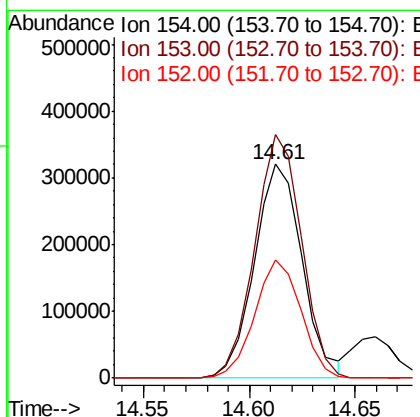
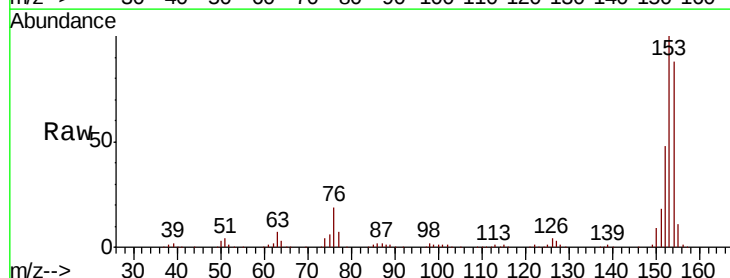
Manual Integrations
APPROVED

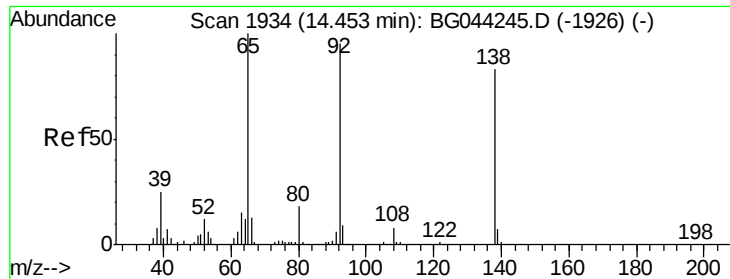
mohammad
2/11/2020 8:25:57 AM



#52
Acenaphthene
Concen: 47.840 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	87.9	131.9
152	55.0	43.1	64.7





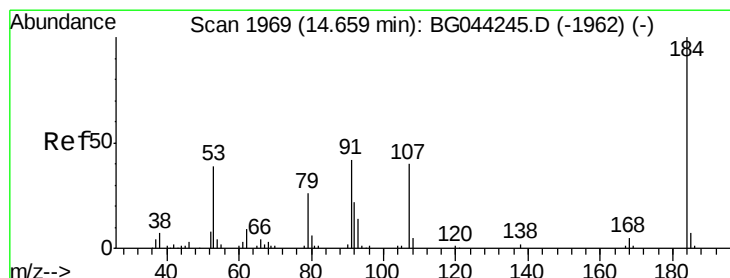
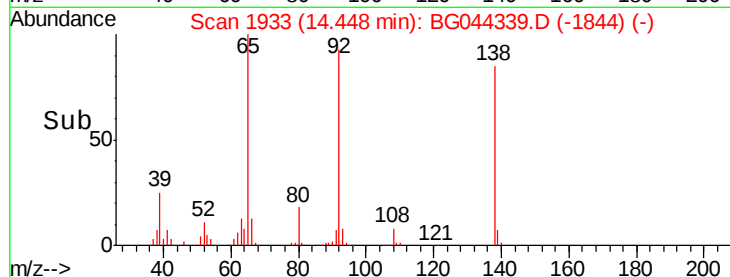
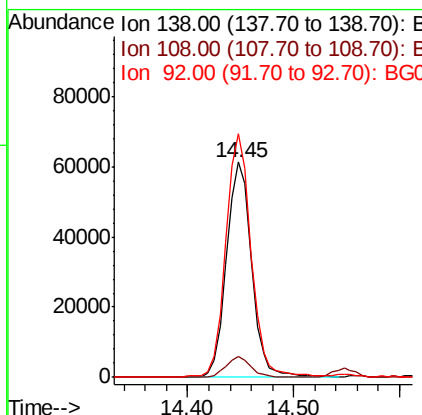
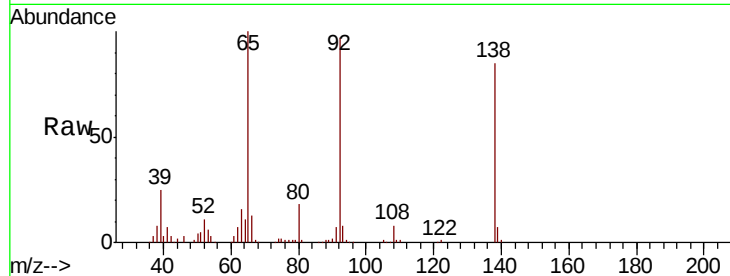
#53
 3-Nitroaniline
 Concen: 29.475 ng
 RT: 14.45 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	113.1	91.0	136.4

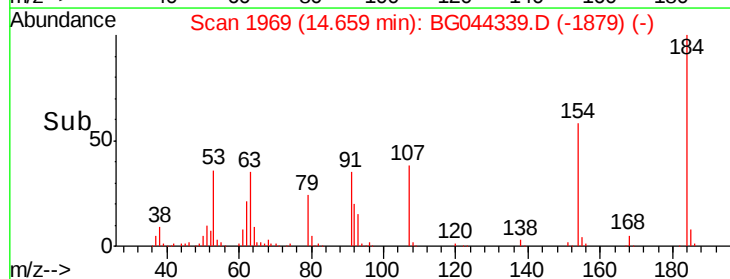
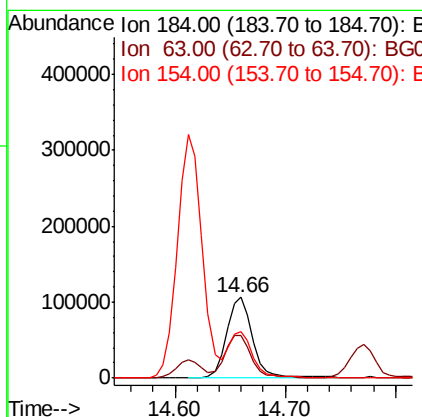
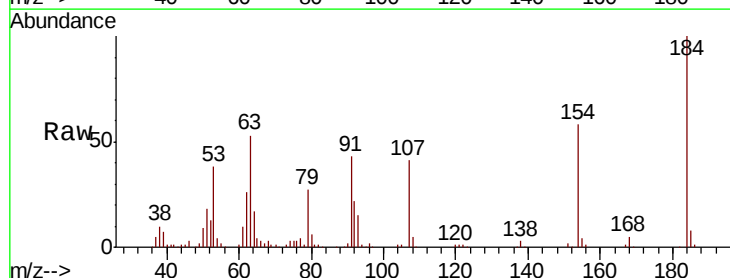
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:57 AM



#54
 2,4-Dinitrophenol
 Concen: 94.462 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	44.1	66.1
154	58.2	45.4	68.0





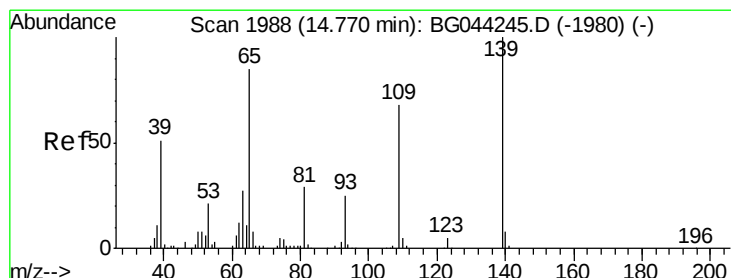
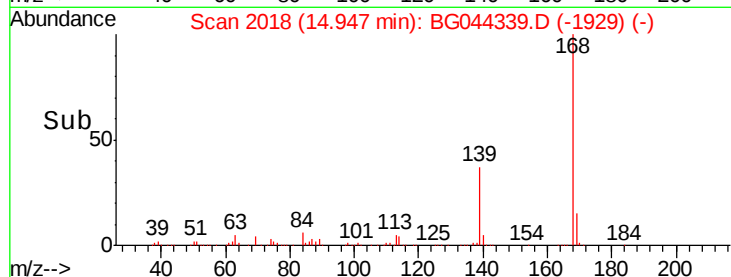
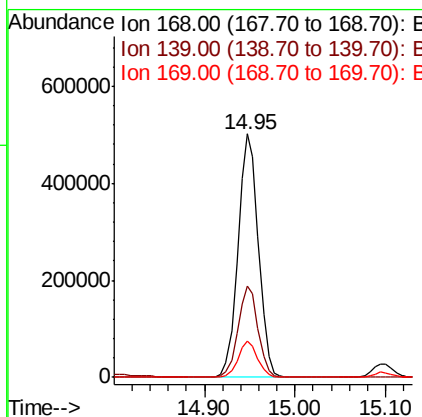
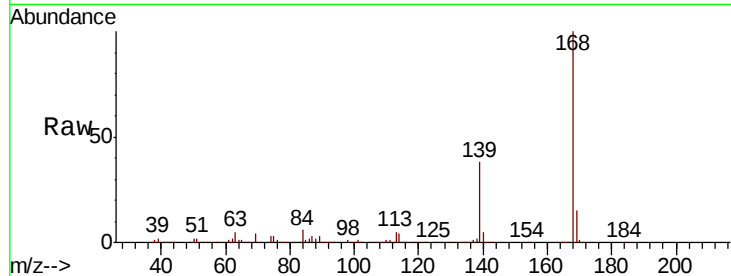
#55
Dibenzenofuran
Concen: 49.031 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.5	45.7
169	14.9	11.7	17.5

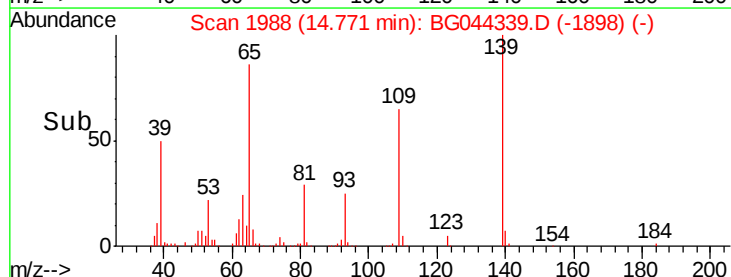
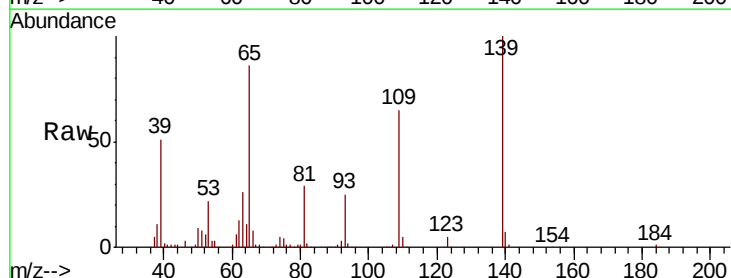
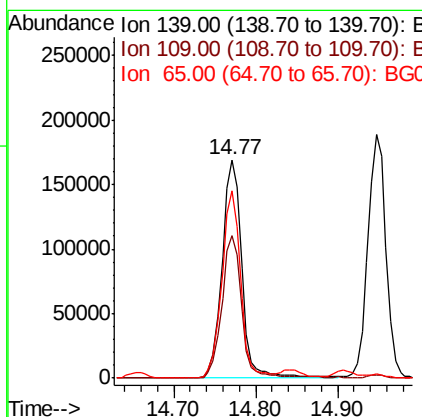
Manual Integrations
APPROVED

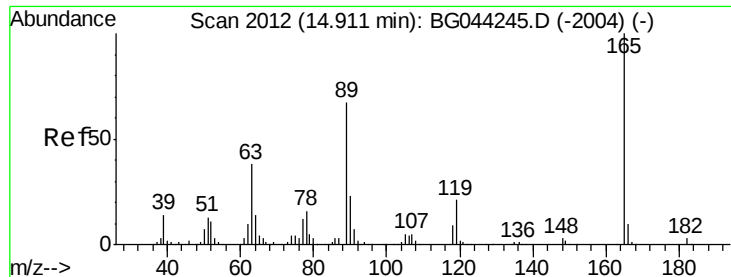
mohammad
2/11/2020 8:25:57 AM



#56
4-Nitrophenol
Concen: 113.878 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	47.5	87.5
65	85.9	64.9	104.9





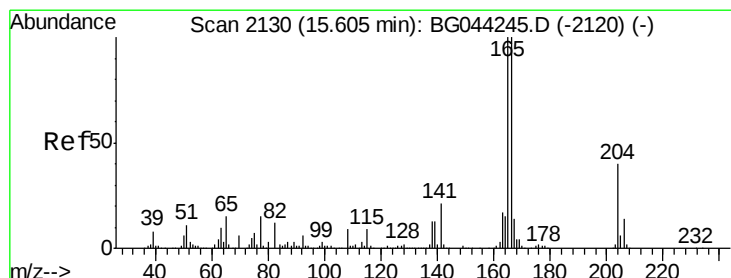
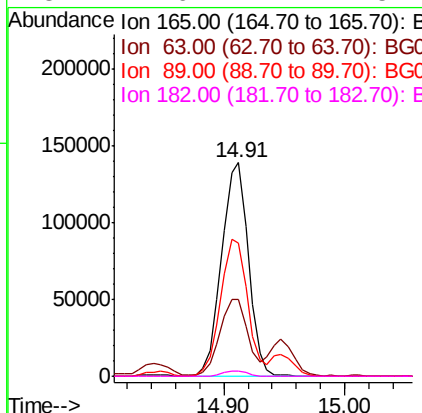
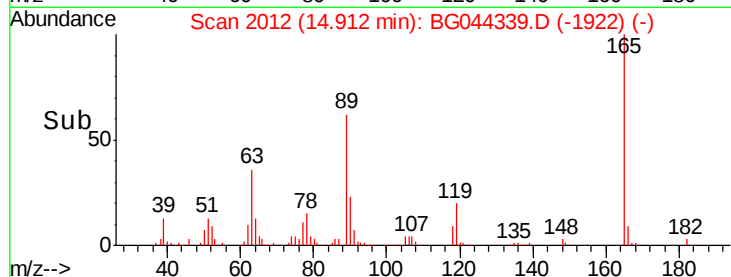
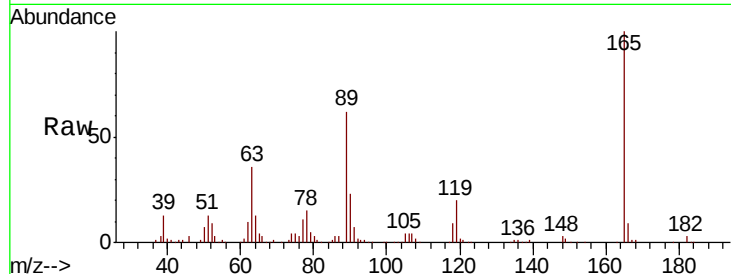
#57
2,4-Dinitrotoluene
Concen: 49.377 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	214071		
63	36.0		30.3	45.5
89	62.1		53.4	80.2
182	2.6		2.1	3.1

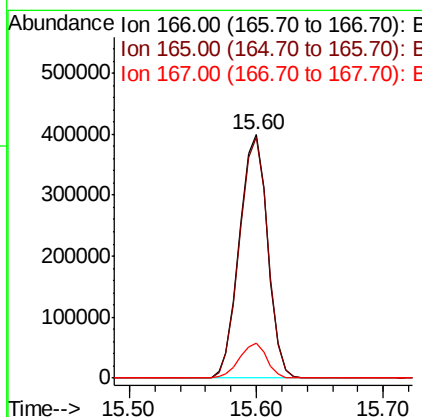
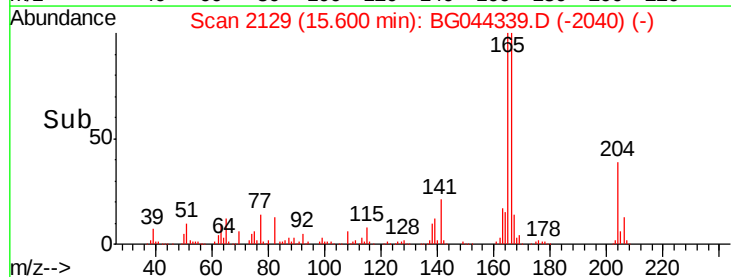
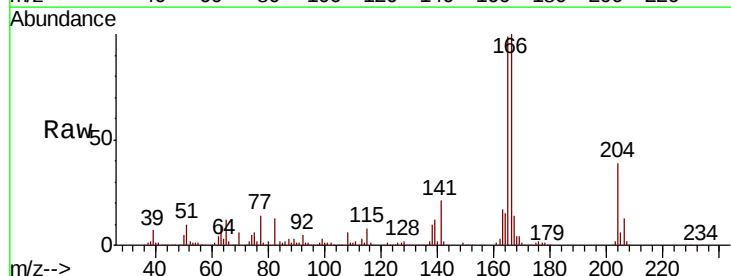
Manual Integrations
APPROVED

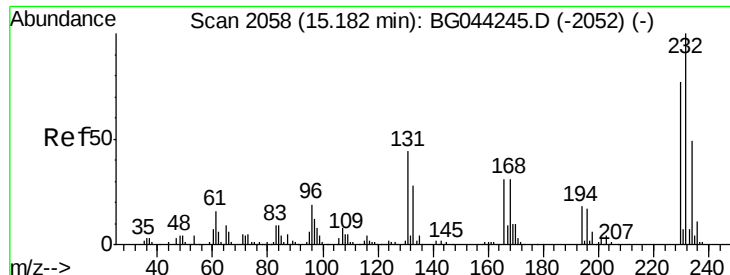
mohammad
2/11/2020 8:25:57 AM



#58
Fluorene
Concen: 49.068 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	616251		
165	99.2		79.9	119.9
167	14.2		11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.852 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

ClientSampleId :

PB126671BSD

Tot Ion:232 Resp: 178517
Ion Ratio Lower Upper

232 100

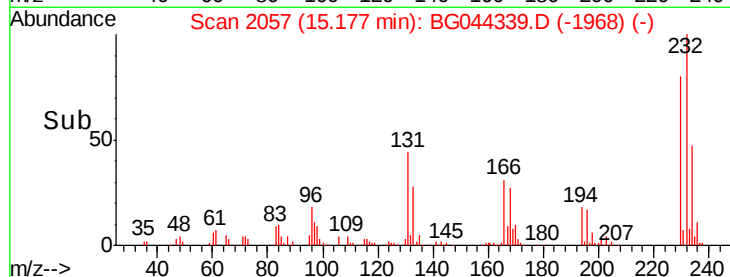
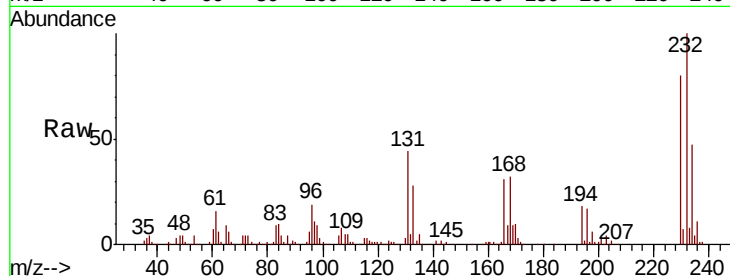
131 44.3 34.2 51.4

130 2.5 1.8 2.8

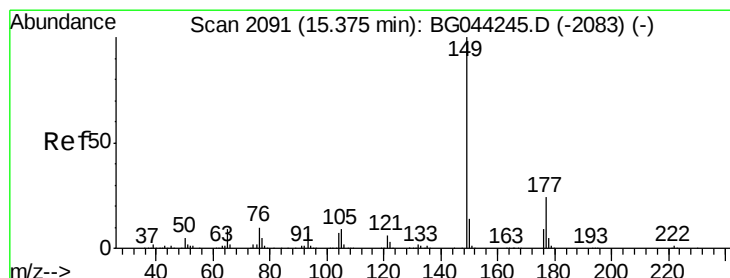
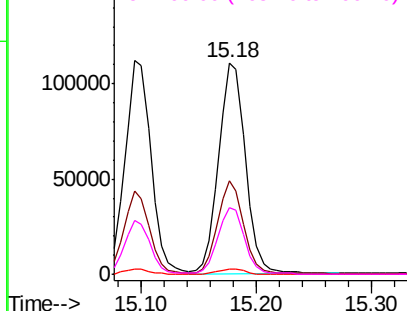
166 31.1 23.8 35.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.266 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG044339.D

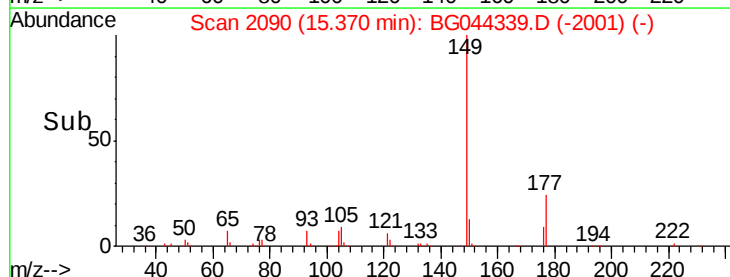
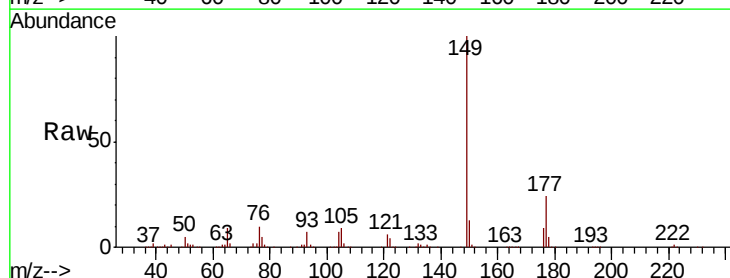
Acq: 7 Feb 2020 16:19

Tgt Ion:149 Resp: 667210
Ion Ratio Lower Upper

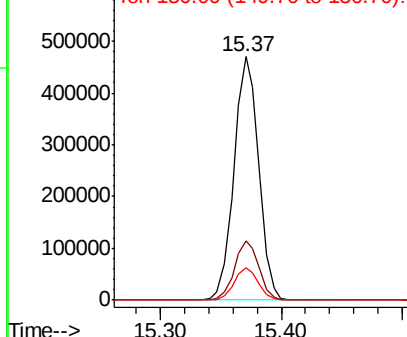
149 100

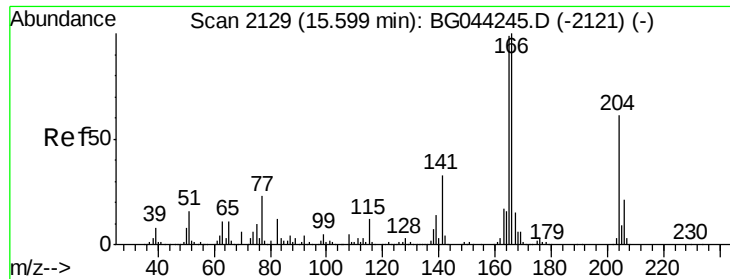
177 24.2 19.4 29.0

150 13.4 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





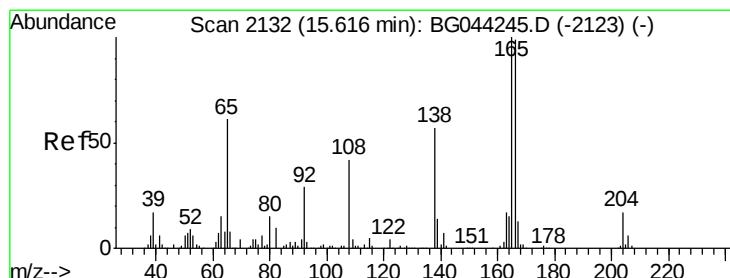
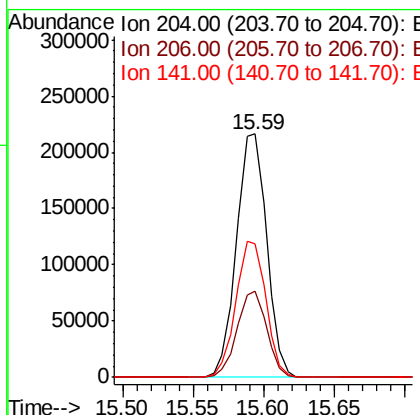
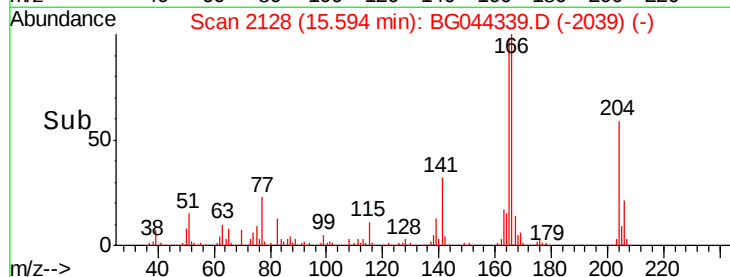
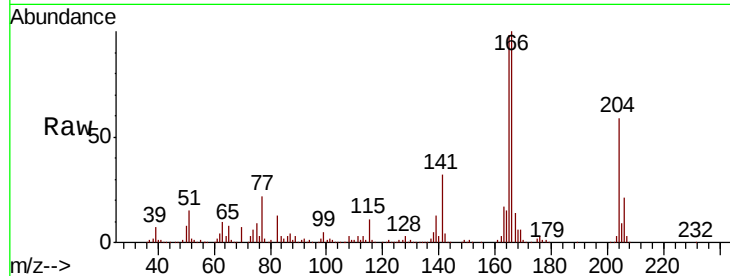
#61
4-Chlorophenyl-phenylether
Concen: 47.441 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.2	27.6	41.4	
141	54.8	43.4	65.0	

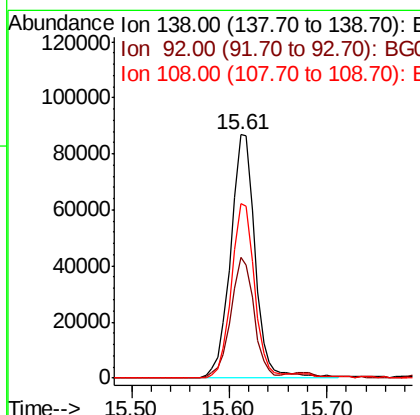
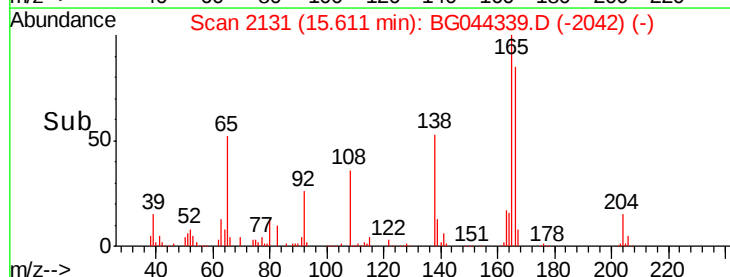
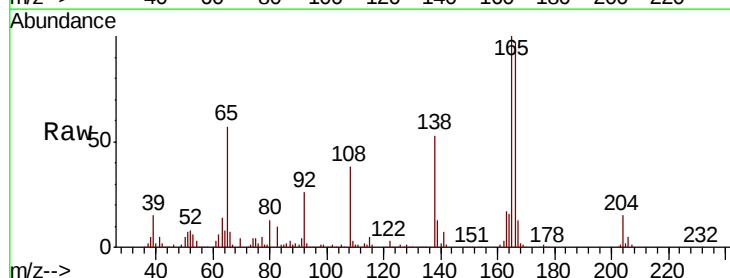
Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#62
4-Nitroaniline
Concen: 44.664 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.4	31.3	71.3	
108	71.5	52.6	92.6	





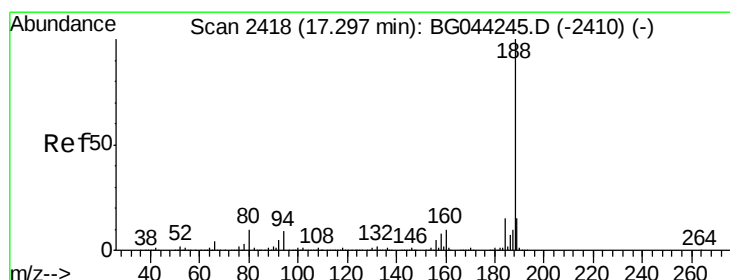
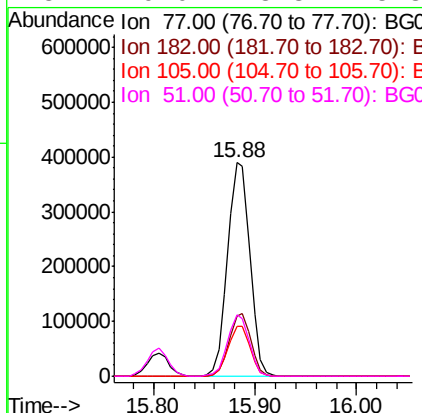
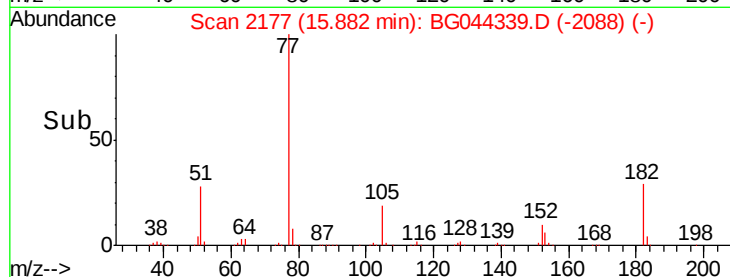
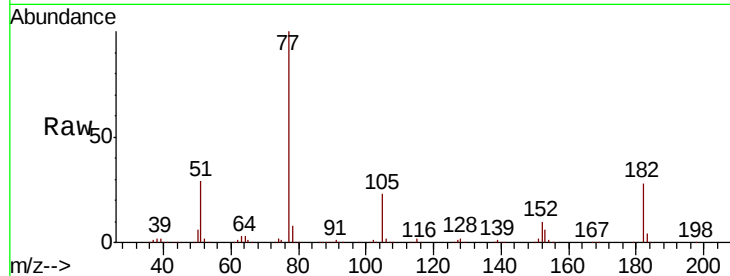
#63
Azobenzene
Concen: 49.157 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		595564		
182	28.4	8.2	48.2		
105	23.5	3.6	43.6		
51	29.0	8.3	48.3		

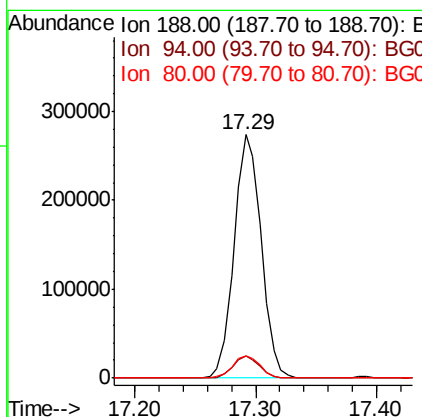
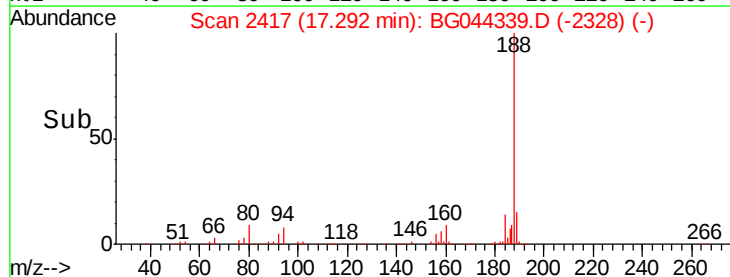
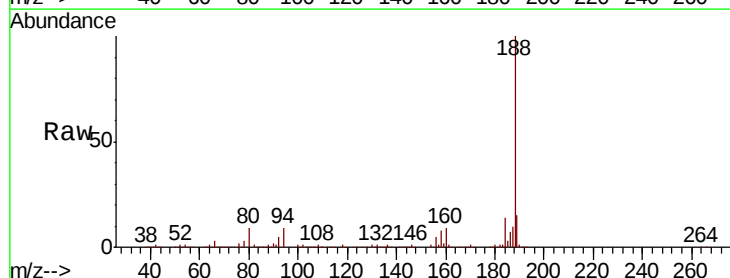
Manual Integrations
APPROVED

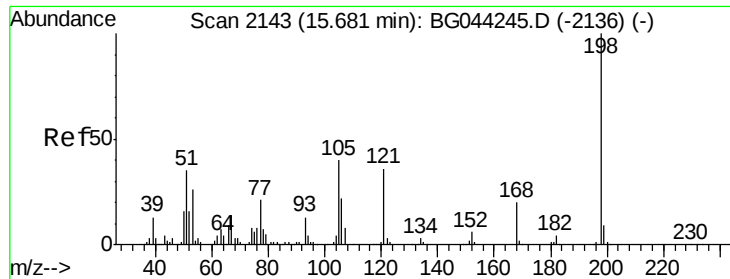
mohammad
2/11/2020 8:25:57 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		427081		
94	9.0	7.4	11.2		
80	9.3	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 55.573 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

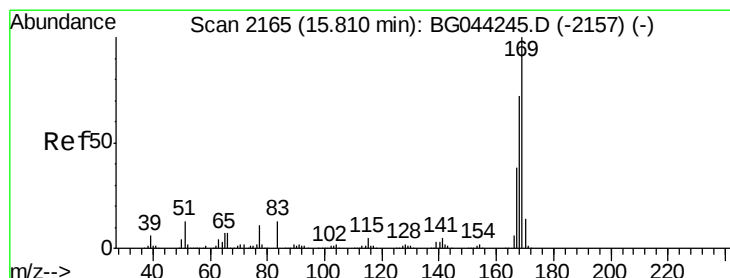
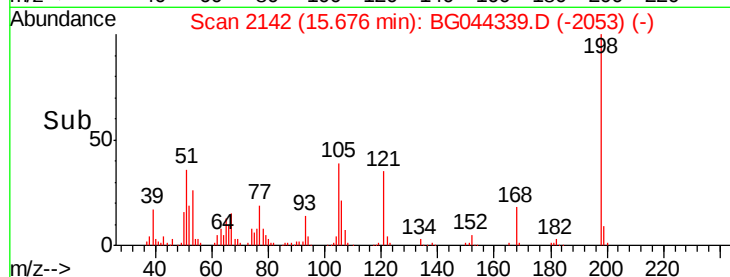
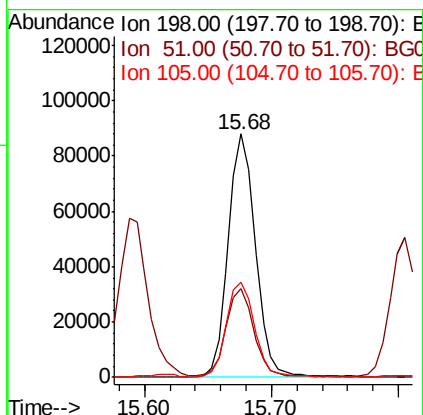
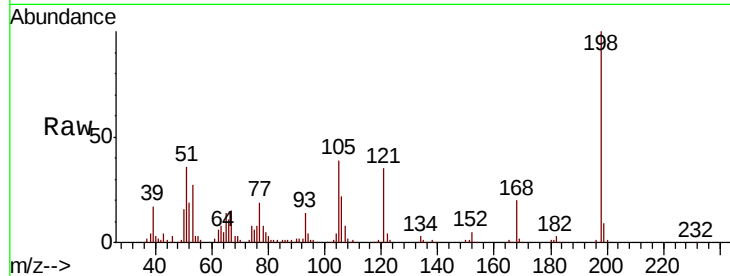
ClientSampleId :

PB126671BSD

Tot Ion:	198	Resp:	131013
Ion Ratio	Lower	Upper	
198	100		
51	36.4	16.6	56.6
105	39.2	20.6	60.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



#66

n-Nitrosodiphenylamine

Concen: 48.405 ng

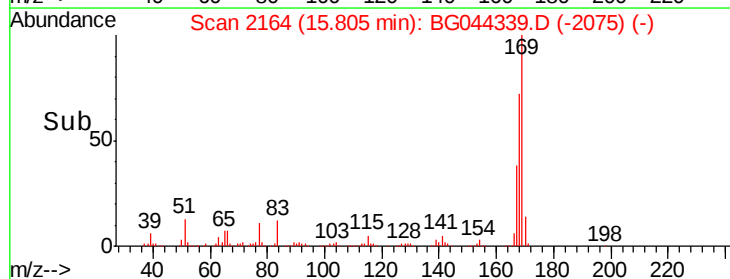
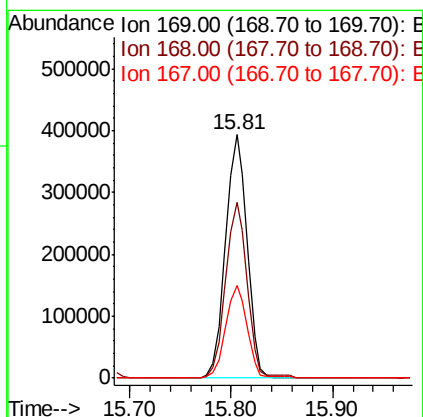
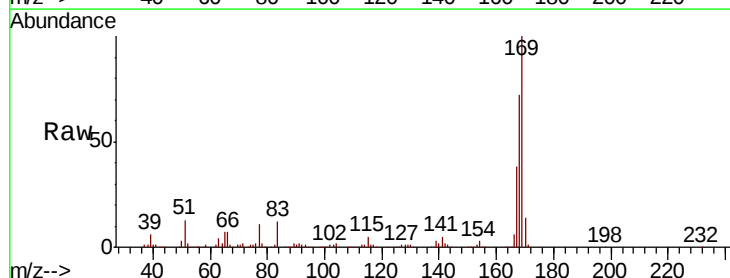
RT: 15.81 min Scan# 2164

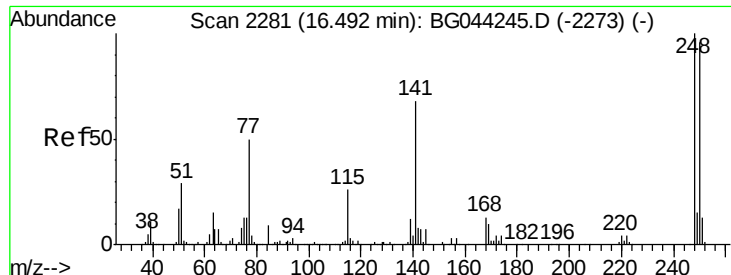
Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	169	Resp:	579343
Ion Ratio	Lower	Upper	
169	100		
168	72.0	57.9	86.9
167	38.0	30.7	46.1





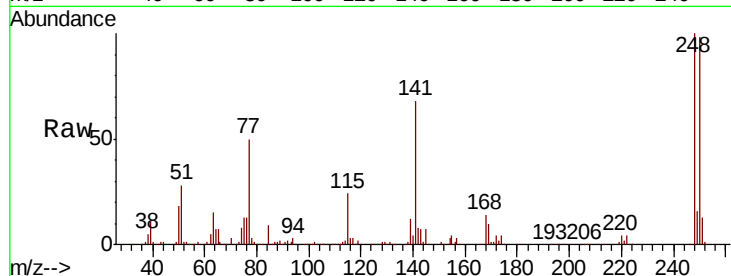
#67
4-Bromophenyl-phenylether
Concen: 45.713 ng
RT: 16.49 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.6	114.8
141	67.5	54.7	82.1

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

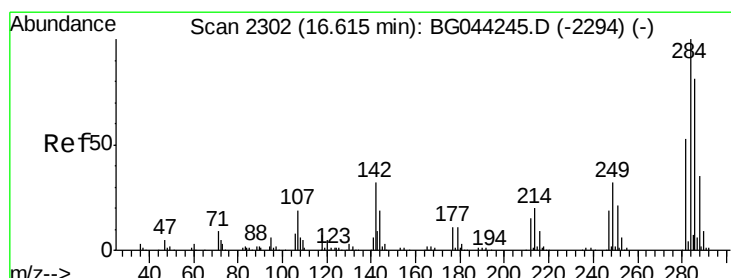
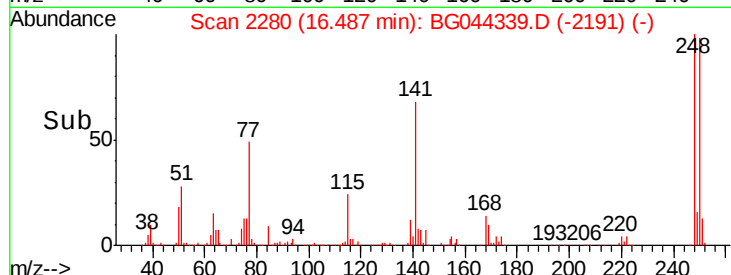
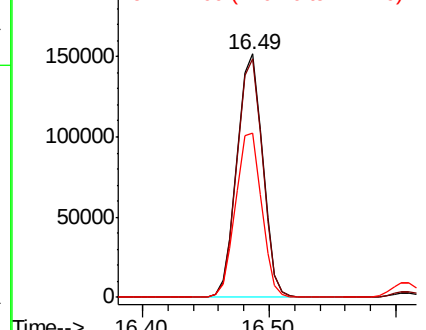


Abundance

Ion 248.00 (247.70 to 248.70): E

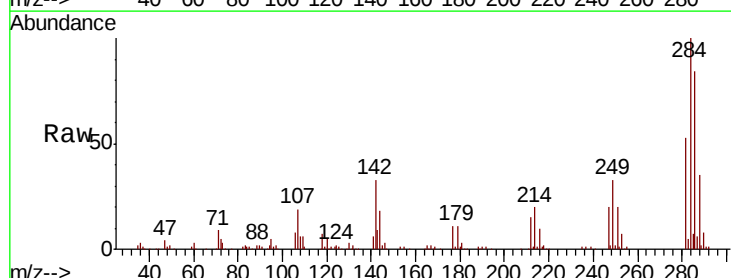
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.469 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.3	37.9
249	33.2	25.5	38.3

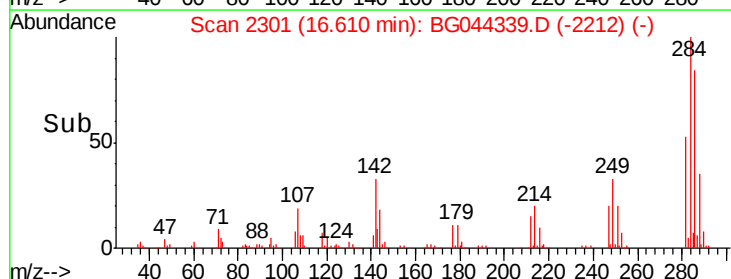
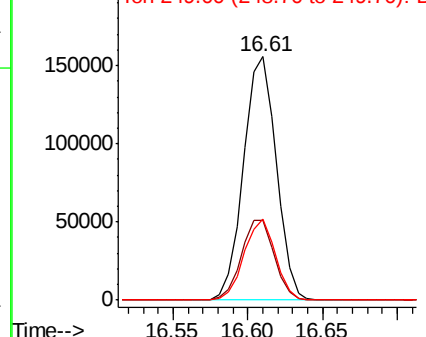


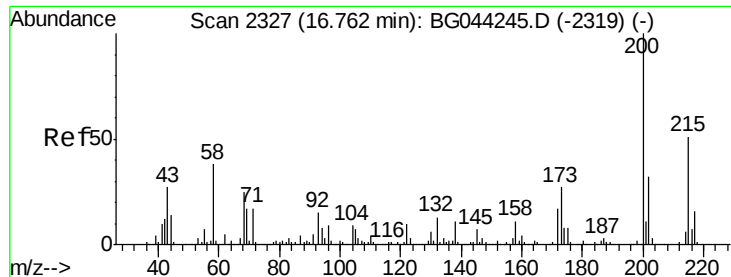
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





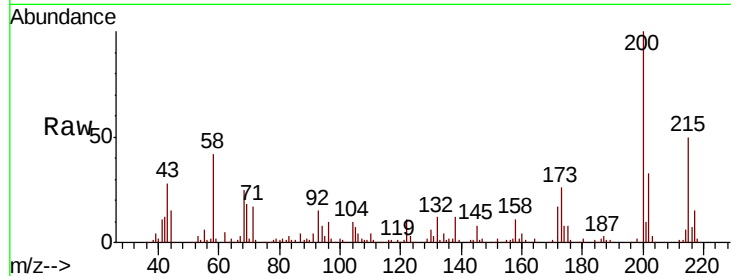
#69
Atrazine
Concen: 54.310 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	6.6	46.6
215	50.2	31.0	71.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

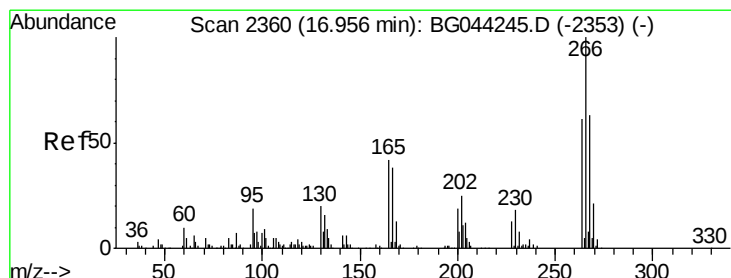
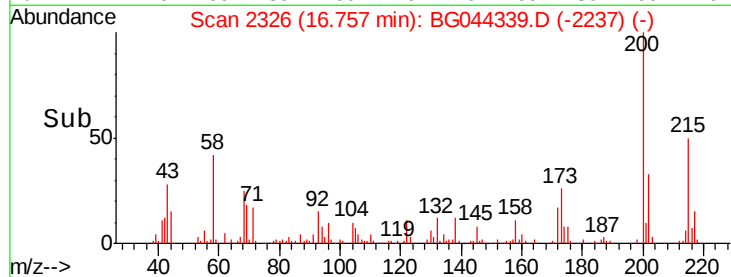
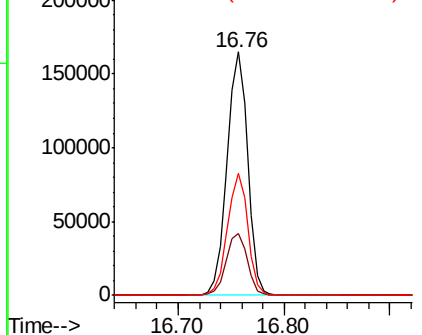


Abundance

Ion 200.00 (199.70 to 200.70): E

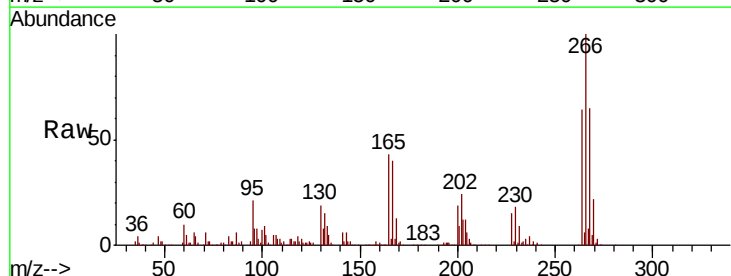
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 100.259 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	50.6	75.8
264	63.8	48.7	73.1

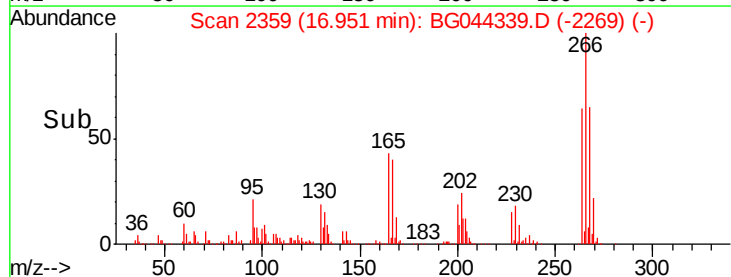
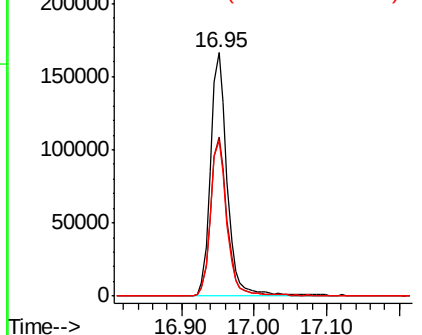


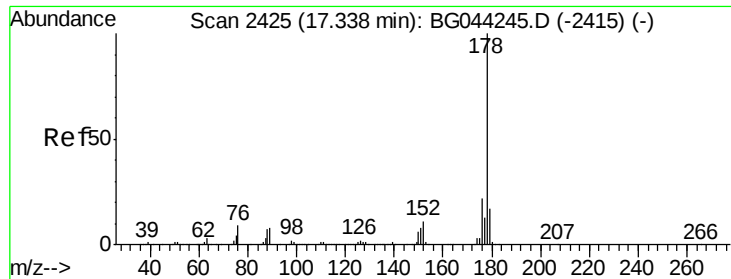
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





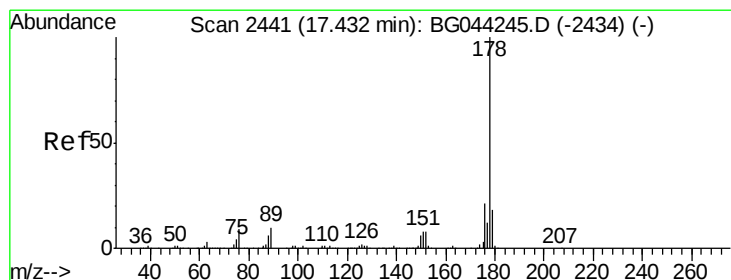
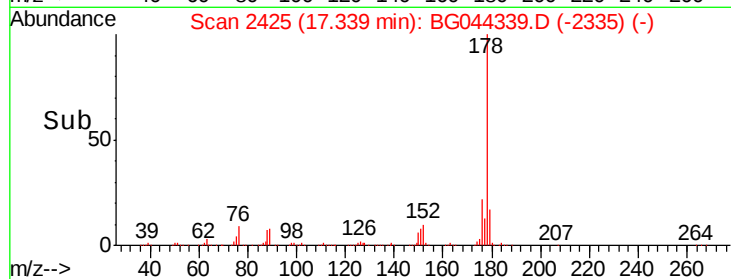
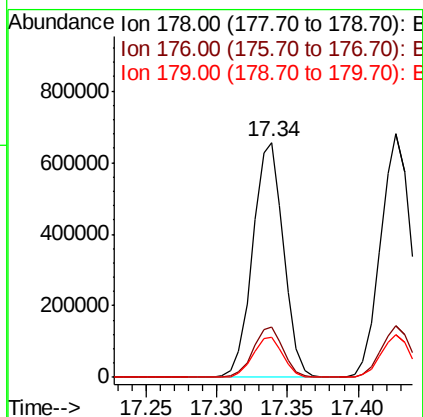
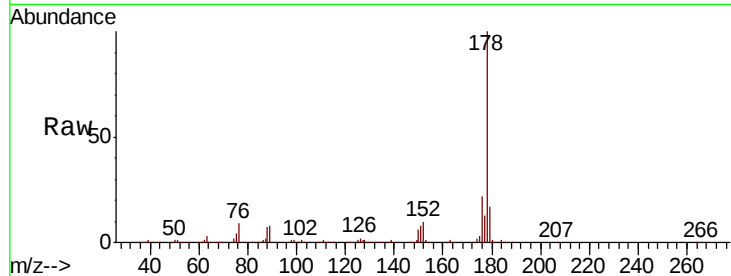
#71
Phenanthrene
Concen: 48.584 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion:178 Resp: 1004747
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 16.8 13.7 20.5

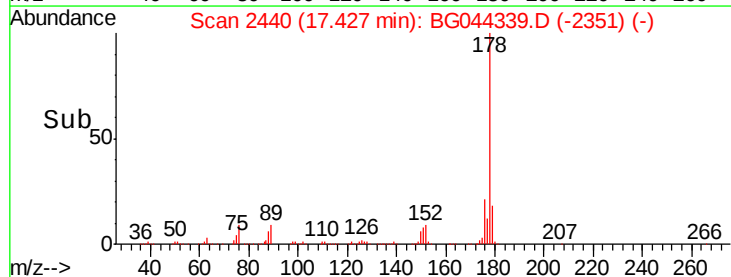
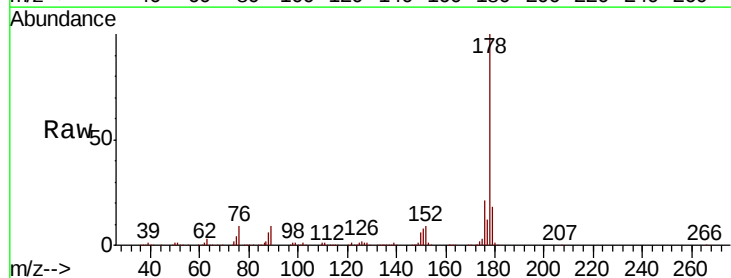
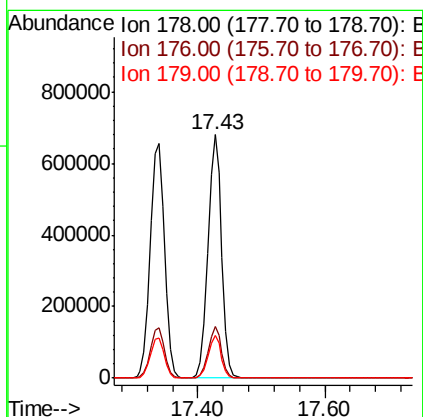
Manual Integrations
APPROVED

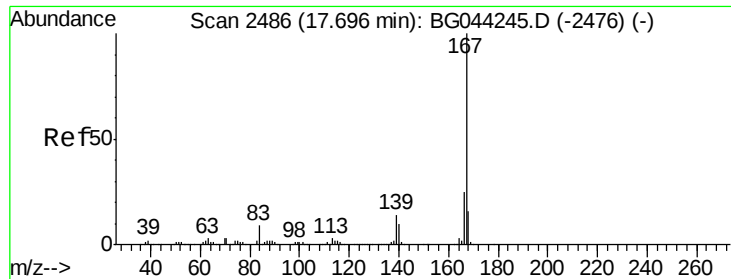
mohammad
2/11/2020 8:25:57 AM



#72
Anthracene
Concen: 50.302 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion:178 Resp: 1028495
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.6 14.4 21.6





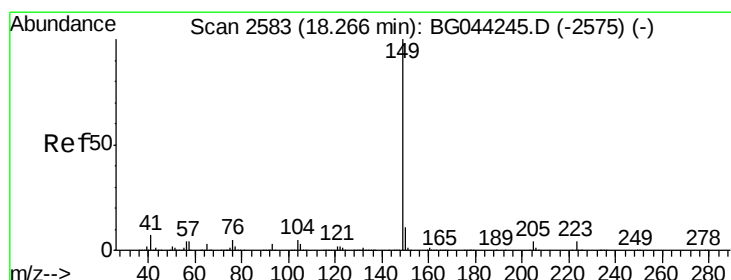
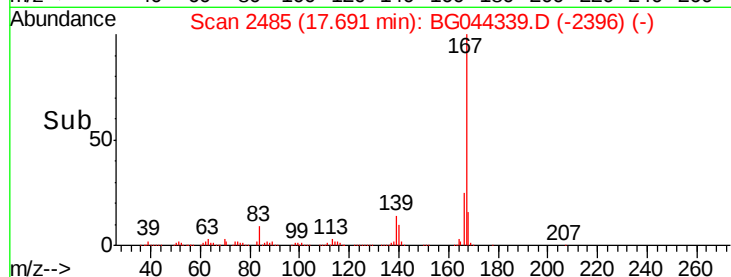
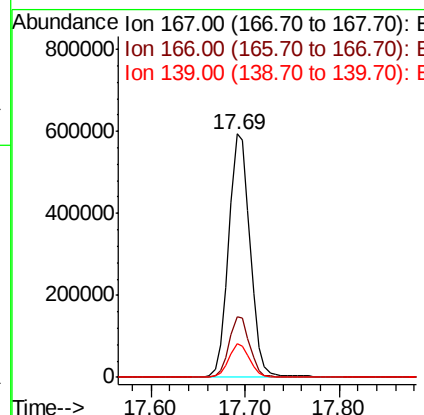
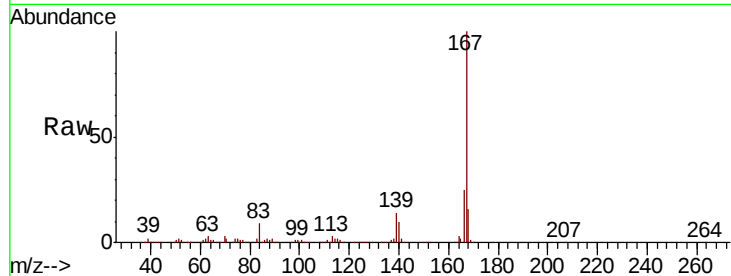
#73
 Carbazole
 Concen: 50.067 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.8	29.6
139	13.8	11.1	16.7

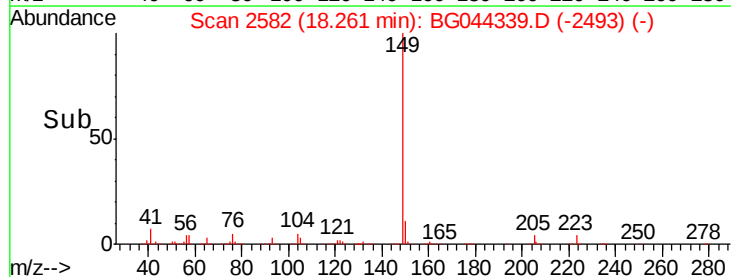
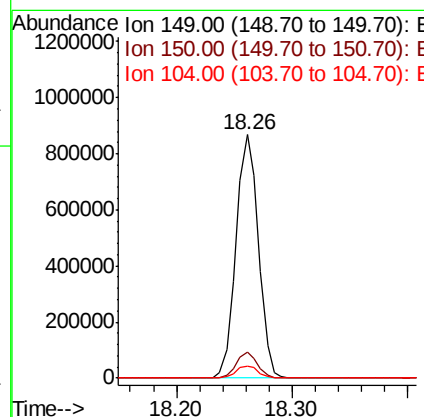
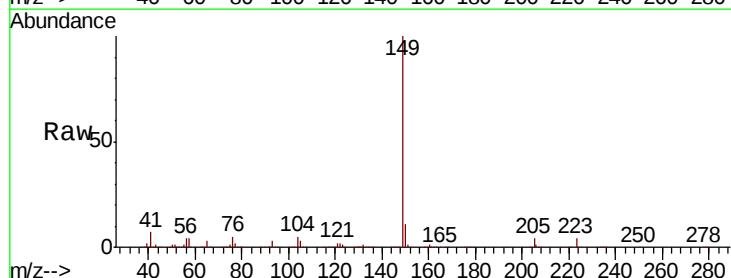
Manual Integrations
 APPROVED

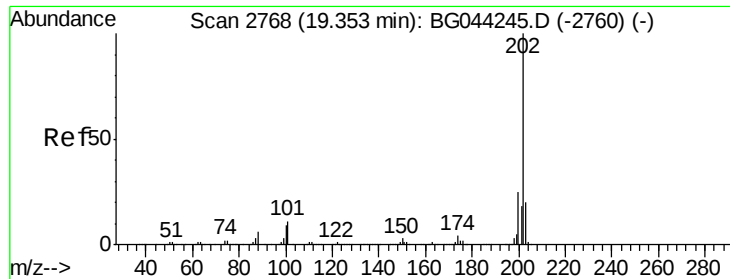
mohammad
 2/11/2020 8:25:57 AM



#74
 Di-n-butylphthalate
 Concen: 49.884 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 50.545 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

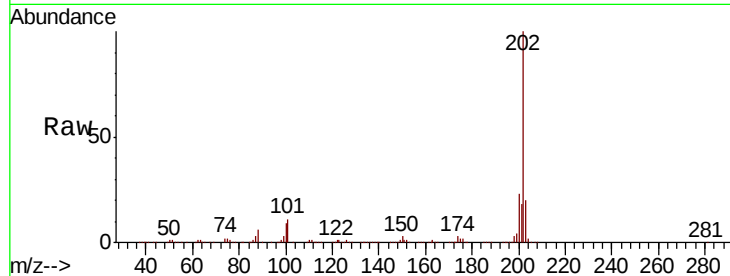
ClientSampleId :

PB126671BSD

Tot Ion:	202	Resp:	1209228
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	19.9	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

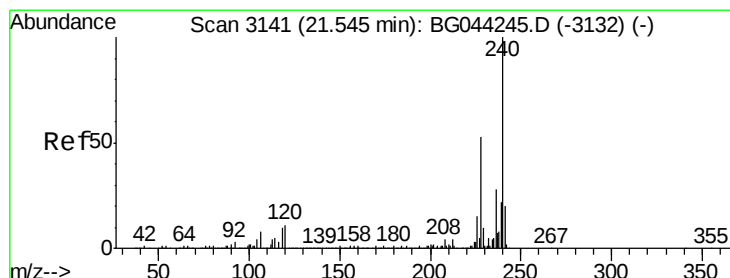
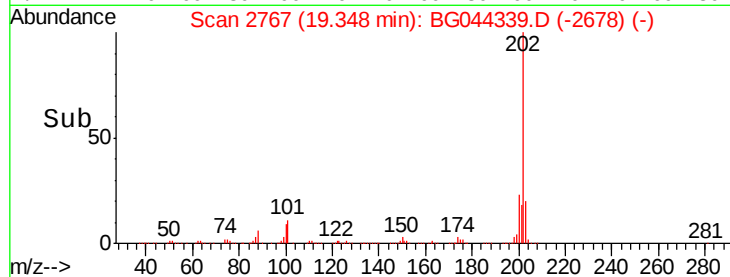
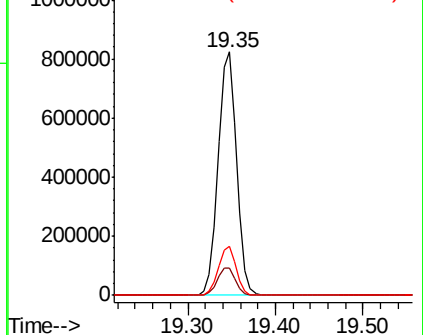


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

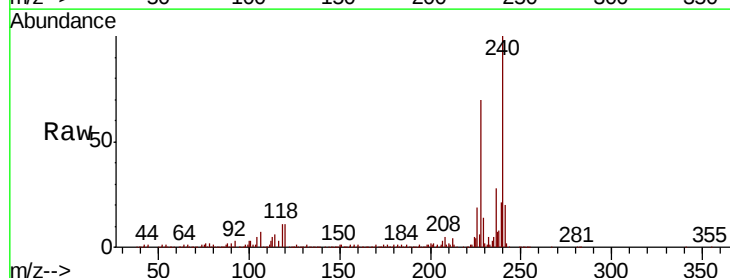
RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	240	Resp:	387382
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	28.2	22.1	33.1

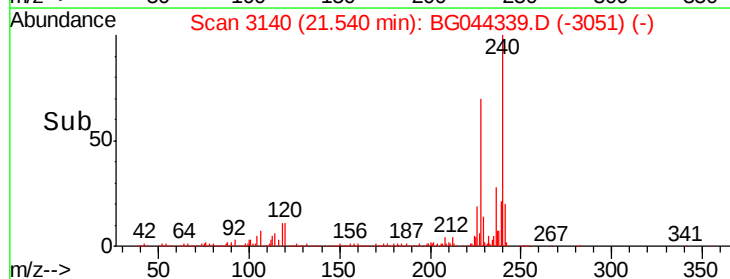
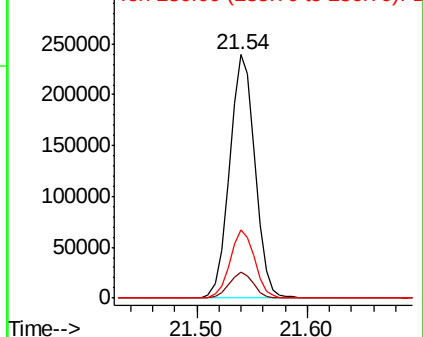


Abundance

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: 51.786 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

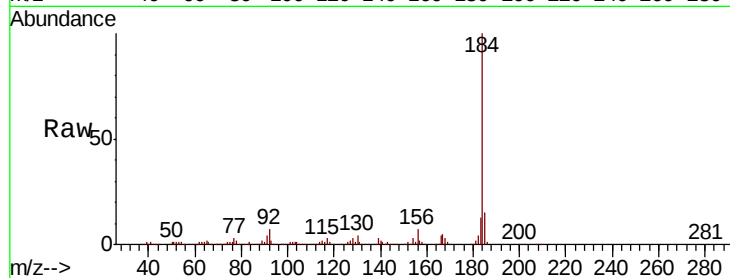
ClientSampleId :

PB126671BSD

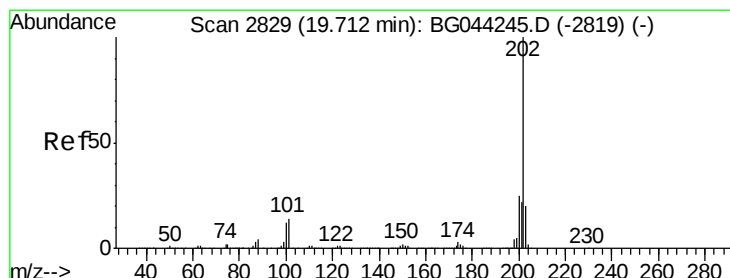
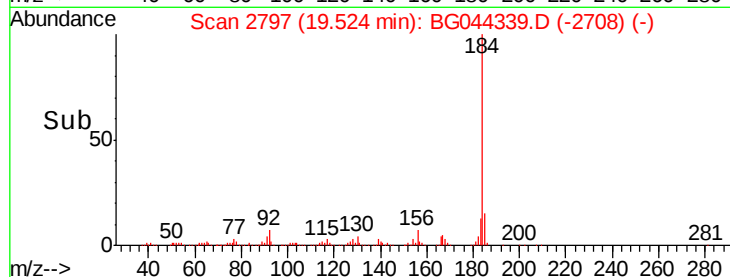
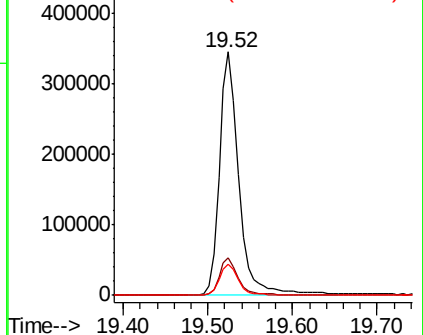
Tot Ion:	184	Resp:	556442
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.9	19.3
183	12.9	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.976 ng

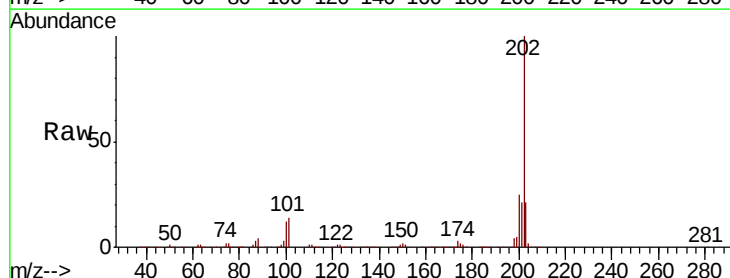
RT: 19.71 min Scan# 2828

Delta R.T. -0.00 min

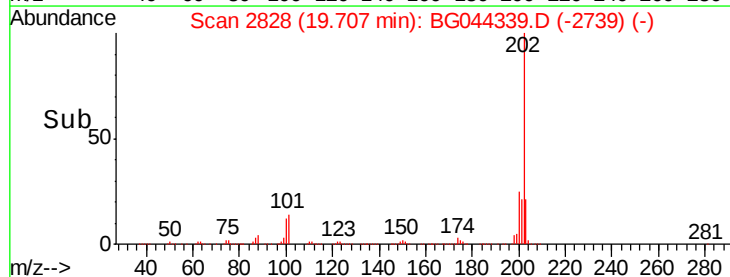
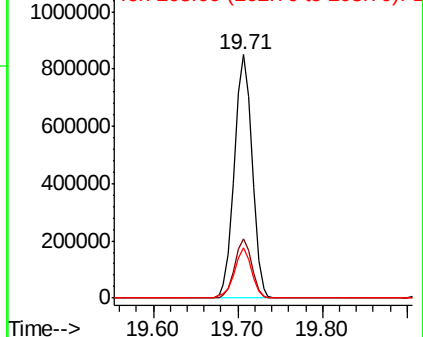
Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Tgt Ion:	202	Resp:	1218411
Ion Ratio	Lower	Upper	
202	100		
200	24.6	20.0	30.0
203	20.5	16.2	24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.496 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

Instrument :

BNA_G

ClientSampled :

PB126671BSD

Tot Ion:244 Resp: 1534863

Ion Ratio Lower Upper

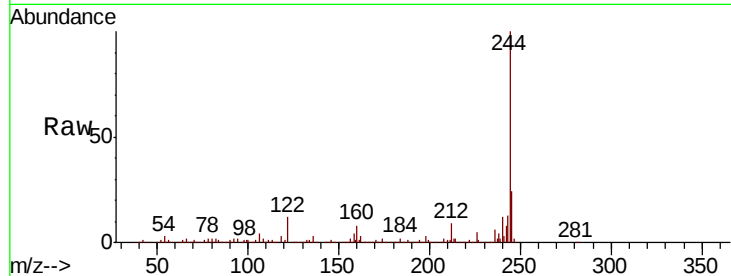
244 100

212 8.7 7.4 11.2

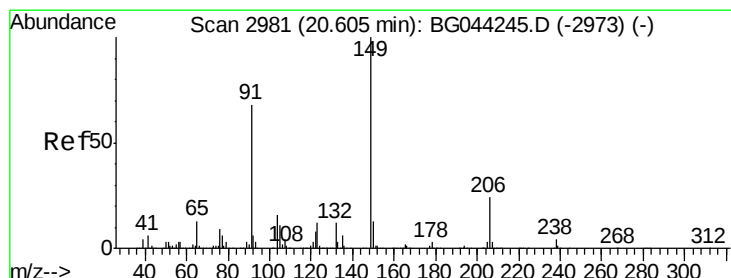
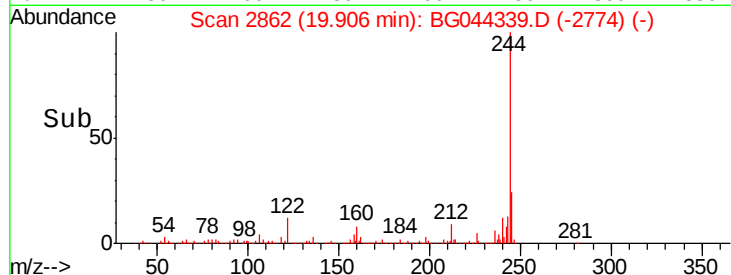
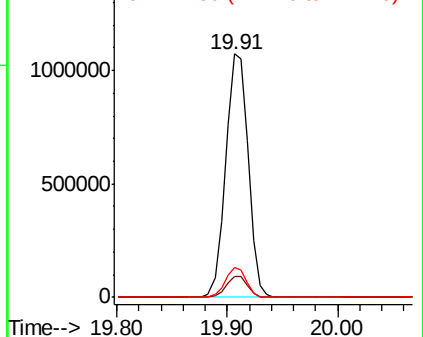
122 12.1 9.8 14.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM



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



#80

Butylbenzylphthalate

Concen: 47.536 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG044339.D

Acq: 7 Feb 2020 16:19

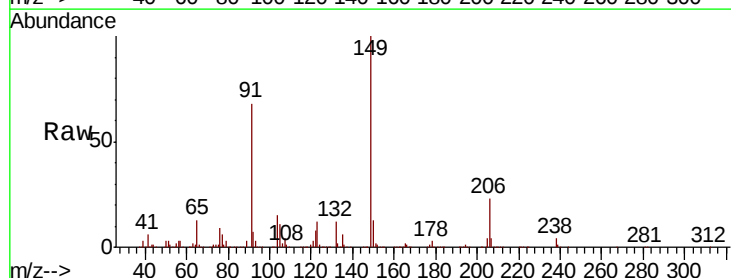
Tgt Ion:149 Resp: 538914

Ion Ratio Lower Upper

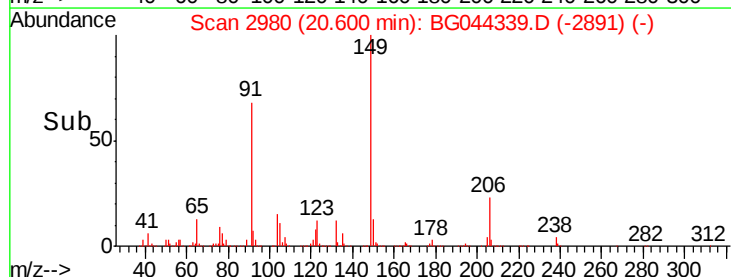
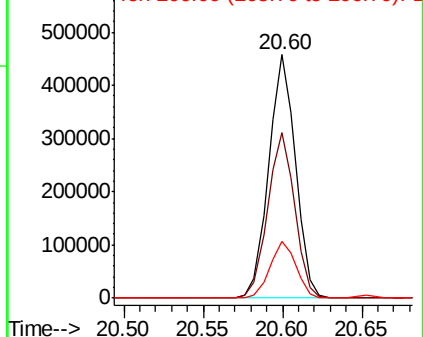
149 100

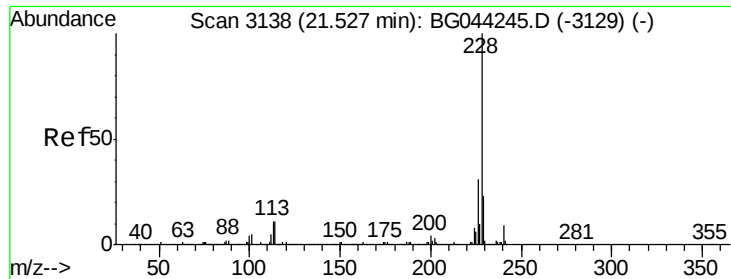
91 68.1 54.5 81.7

206 23.1 19.1 28.7



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





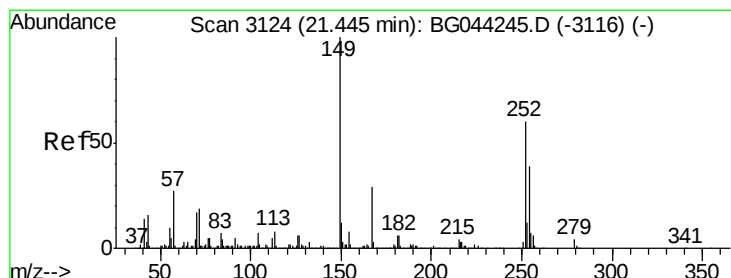
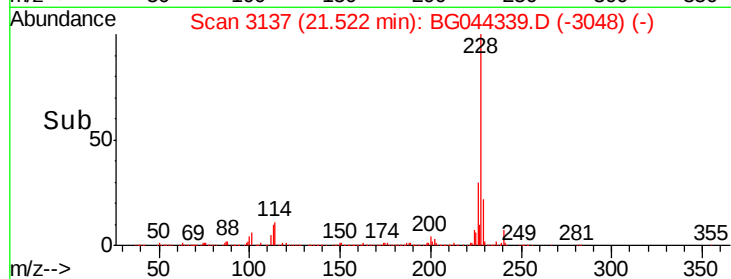
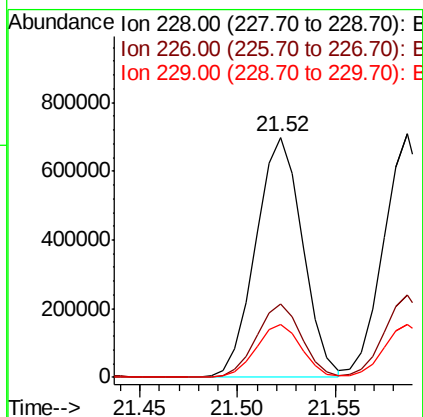
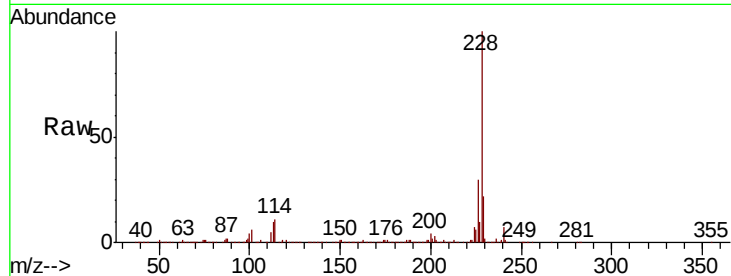
#81
Benzo(a)anthracene
Concen: 48.602 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	21.9	18.2	27.4

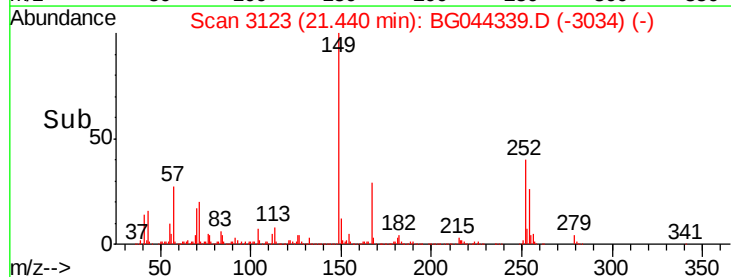
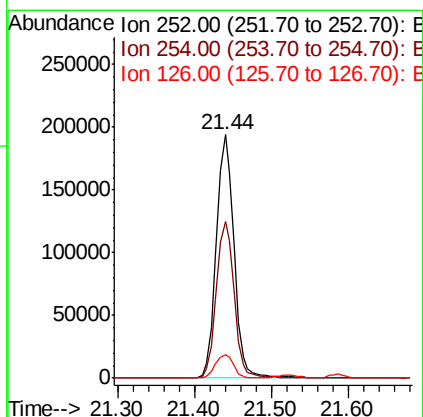
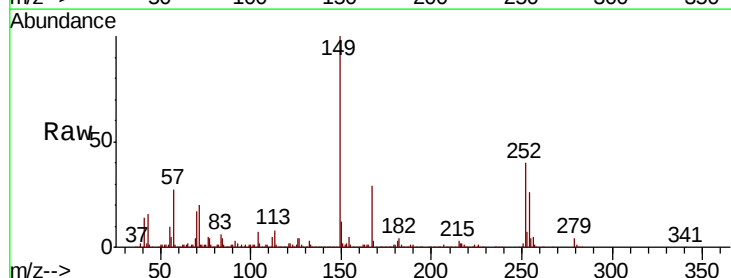
Manual Integrations
APPROVED

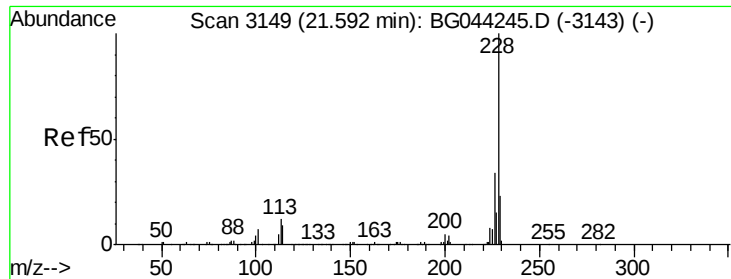
mohammad
2/11/2020 8:25:57 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.207 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	9.6	8.2	12.4





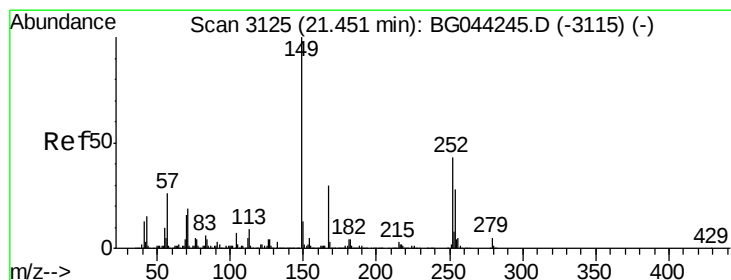
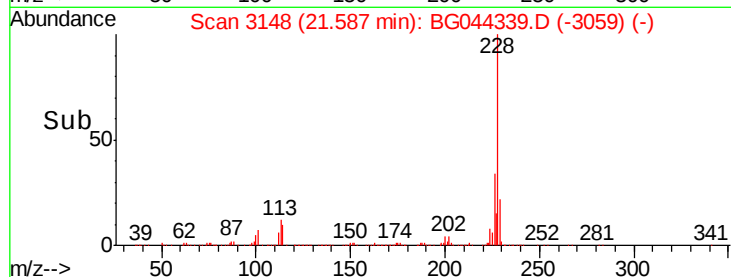
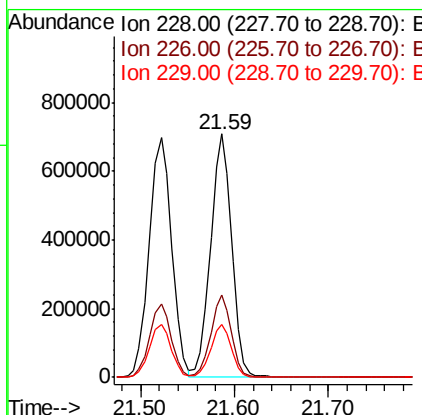
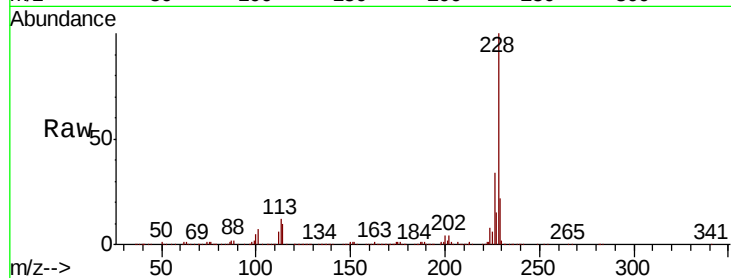
#83
 Chrvsene
 Concen: 48.433 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.1	40.7
229	22.0	17.9	26.9

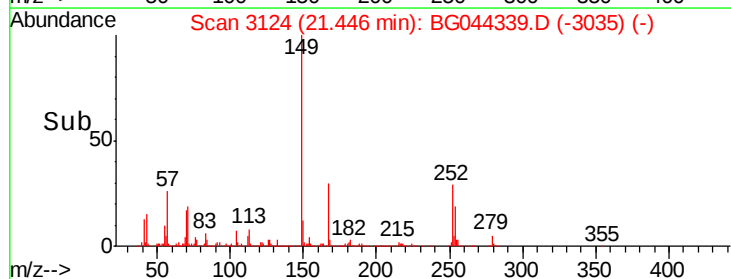
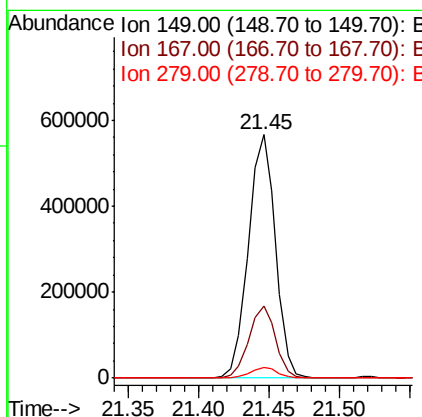
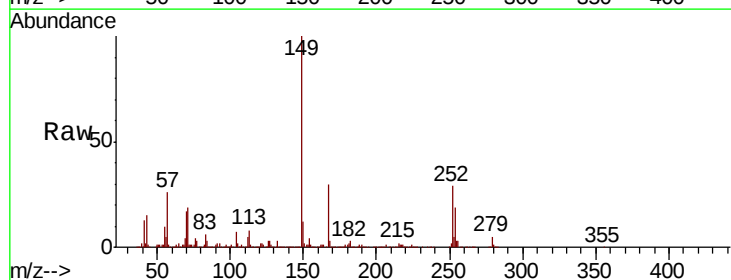
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:25:57 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.934 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG044339.D
 Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	4.5	3.8	5.8





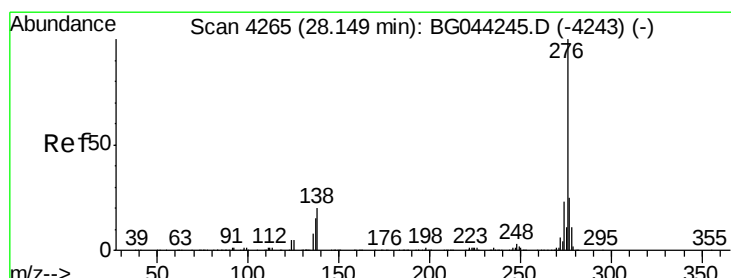
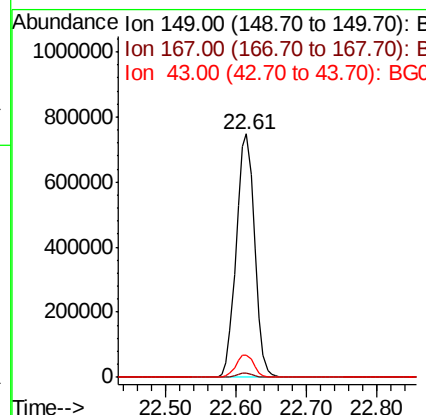
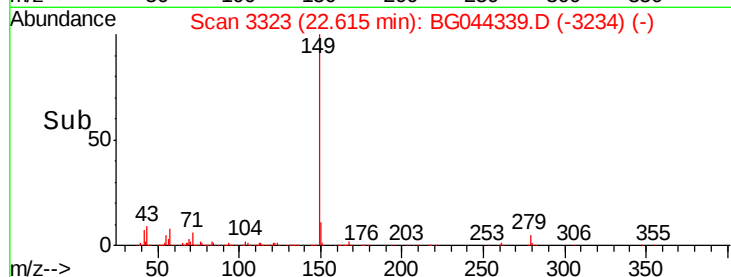
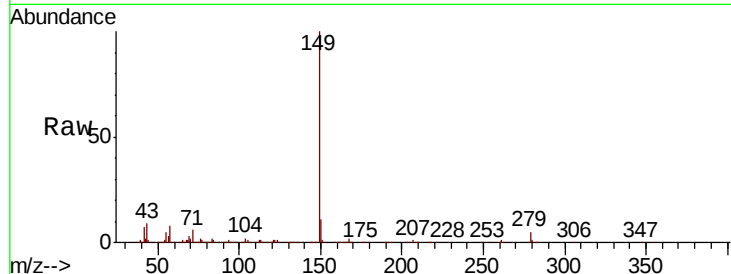
#85
Di-n-octyl phthalate
Concen: 49.859 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.4	11.0

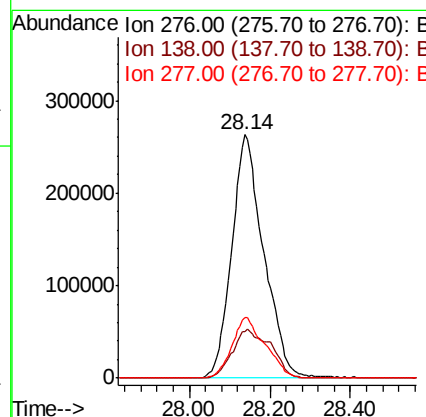
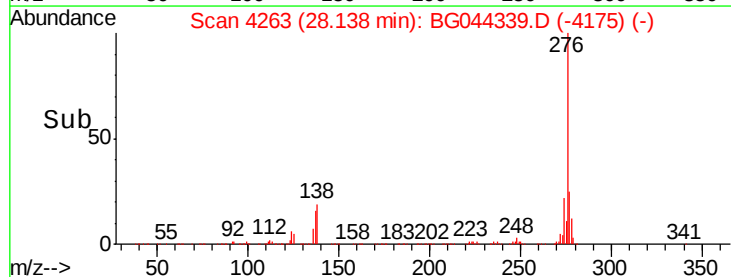
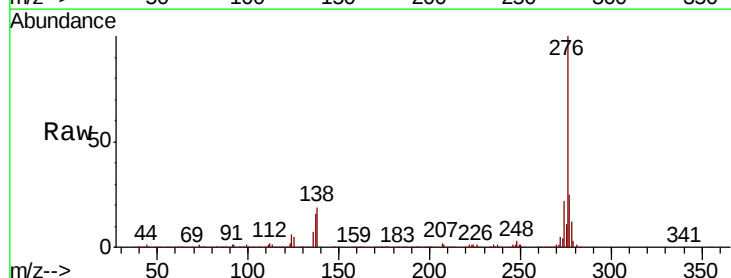
Manual Integrations
APPROVED

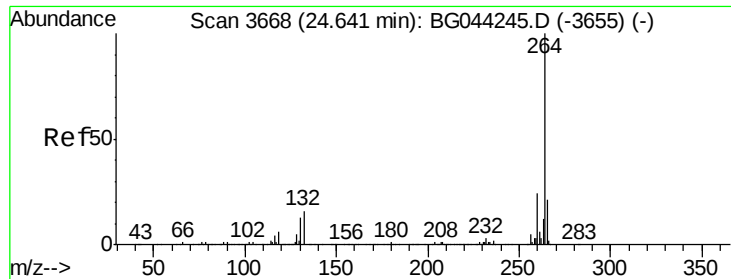
mohammad
2/11/2020 8:25:57 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.982 ng
RT: 28.14 min Scan# 4263
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	25.9	21.0	31.6





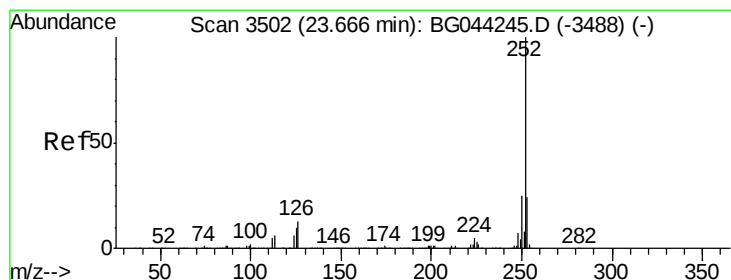
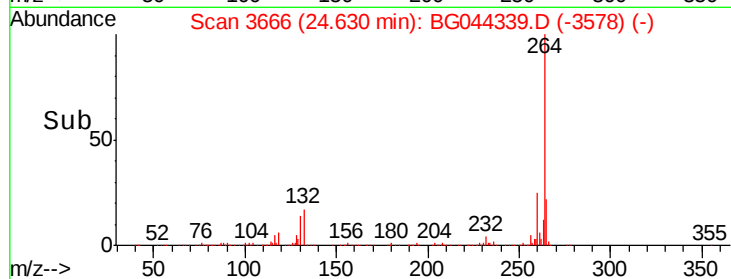
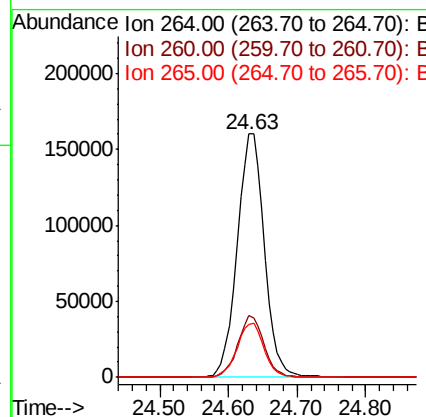
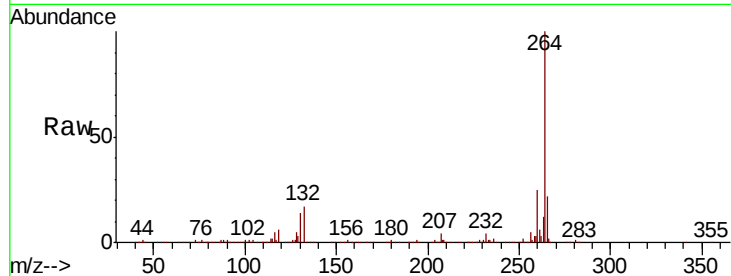
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.9	16.7	25.1

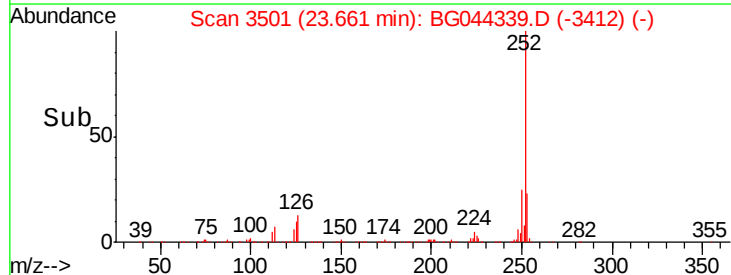
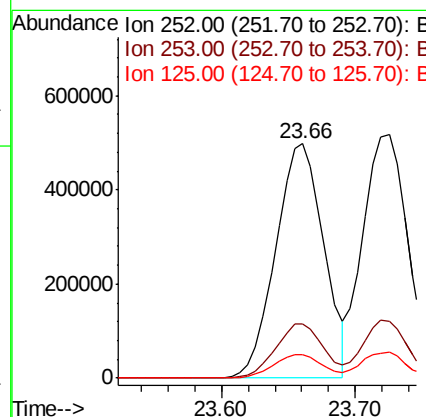
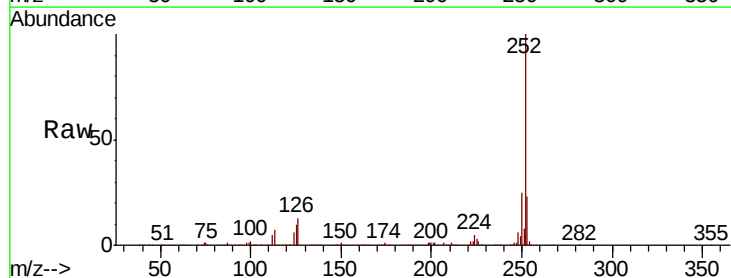
Manual Integrations
APPROVED

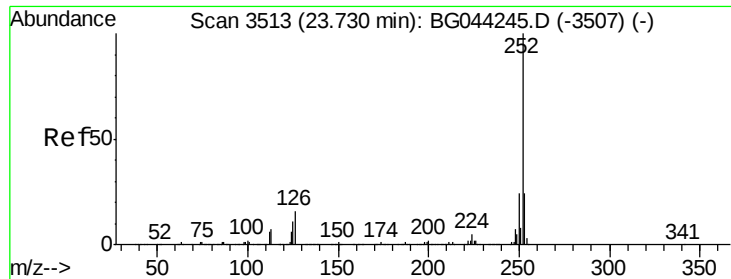
mohammad
2/11/2020 8:25:57 AM



#88
Benzo(b)fluoranthene
Concen: 49.124 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	10.1	8.4	12.6





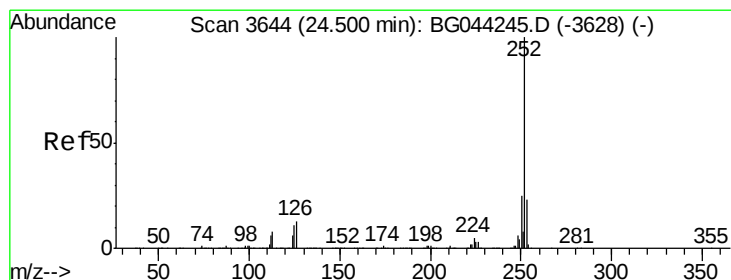
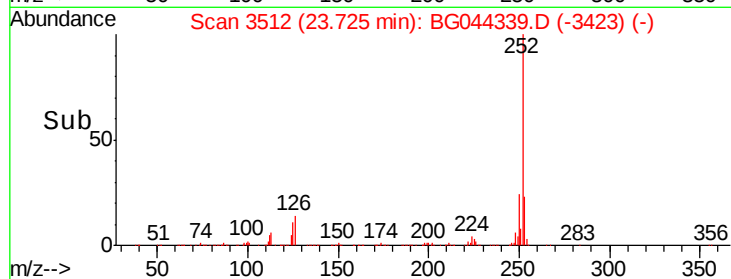
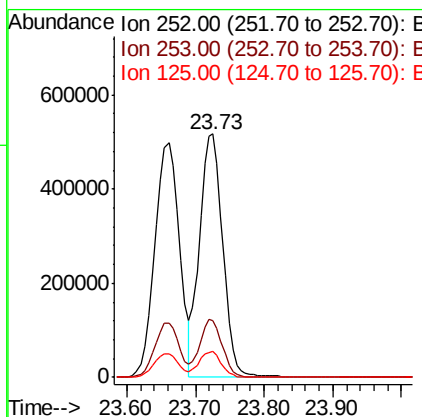
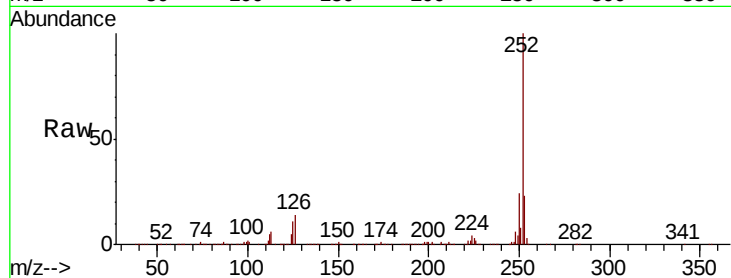
#89
Benzo(k)fluoranthene
Concen: 49.373 ng
RT: 23.73 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.6	8.6	12.8

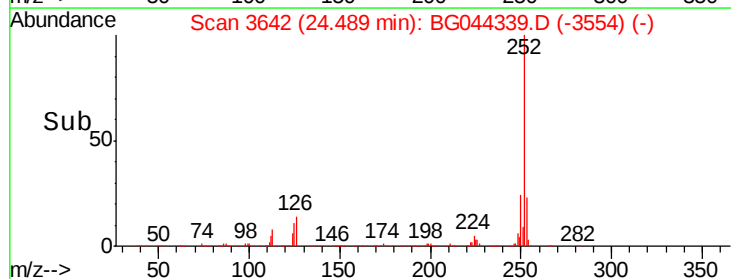
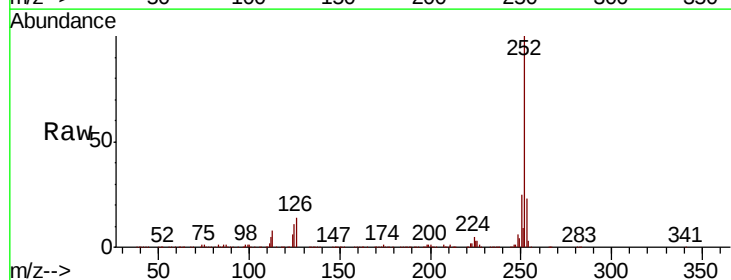
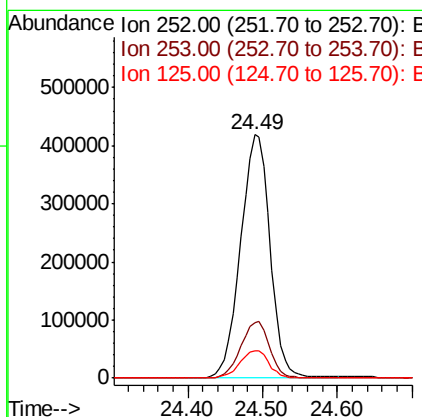
Manual Integrations
APPROVED

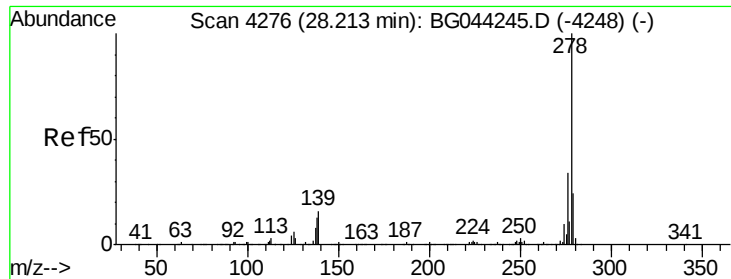
mohammad
2/11/2020 8:25:57 AM



#90
Benzo(a)pyrene
Concen: 47.961 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	8.6	13.0





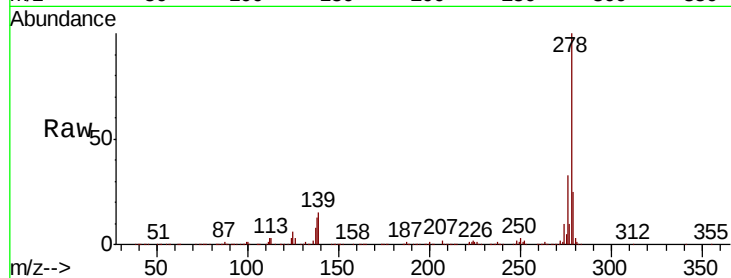
#91
Dibenzo(a,h)anthracene
Concen: 50.011 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:25:57 AM

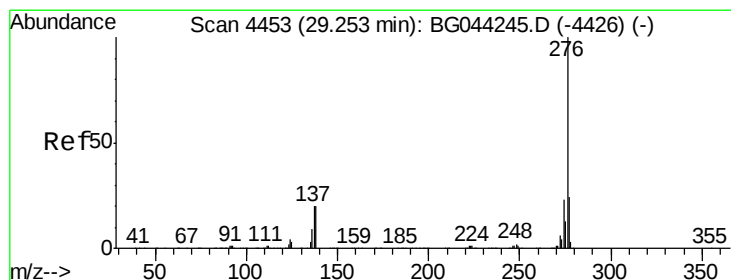
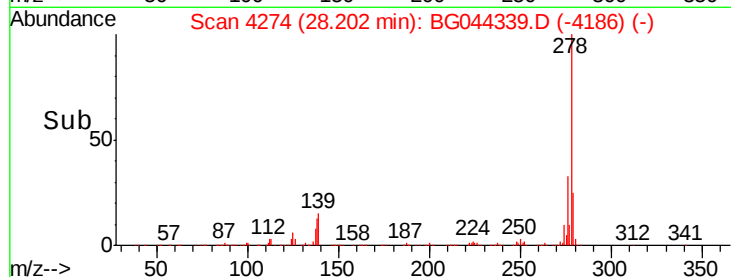
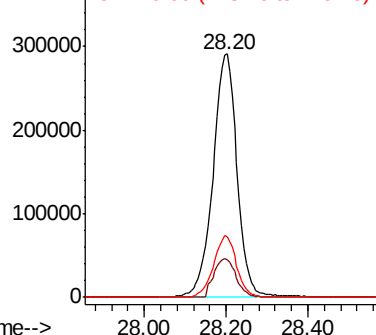


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.784 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG044339.D
Acq: 7 Feb 2020 16:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.4	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

