

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044930.D
 Acq On : 24 Mar 2020 14:51
 Operator : CG/JU
 Sample : PB127768BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:27:37 PM

Quant Time: Mar 24 15:36:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91205	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	353688	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	237029	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	520118	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	479240	20.00	ng	-0.01
87) Perylene-d12	24.89	264	539070	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	792433	135.25	ng	0.00
7) Phenol-d6	7.21	99	1058011	124.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	676300	83.91	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	418018	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1430771	86.44	ng	0.00
79) Terphenyl-d14	20.03	244	2180224	85.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	103937	36.839	ng	95
3) Pyridine	3.91	79	295192	35.343	ng	97
4) n-Nitrosodimethylamine	3.82	42	145536	45.925	ng	# 94
6) Aniline	7.36	93	389246	36.748	ng	100
8) 2-Chlorophenol	7.61	128	300544	51.387	ng	94
9) Benzaldehyde	7.17	77	224857	44.886	ng	99
10) Phenol	7.23	94	391258	46.425	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	283427	42.139	ng	95
12) 1,3-Dichlorobenzene	7.93	146	324641	45.060	ng	97
13) 1,4-Dichlorobenzene	8.08	146	318403	44.702	ng	98
14) 1,2-Dichlorobenzene	8.40	146	295755	43.781	ng	96
15) Benzyl Alcohol	8.28	79	295109	43.208	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	430660	36.283	ng	99
17) 2-Methylphenol	8.48	107	266093	46.612	ng	97
18) Hexachloroethane	9.13	117	118828	42.375	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	239798	39.895	ng	97
20) 3+4-Methylphenols	8.81	107	368526	46.830	ng	97
22) Acetophenone	8.86	105	443465	44.258	ng	99
24) Nitrobenzene	9.24	77	372094	44.491	ng	99
25) Isophorone	9.77	82	661250	42.035	ng	98
26) 2-Nitrophenol	9.96	139	141977	48.796	ng	96
27) 2,4-Dimethylphenol	10.01	122	263748	51.485	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	387022	41.225	ng	98
29) 2,4-Dichlorophenol	10.50	162	290872	48.612	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	317632	44.396	ng	94
31) Naphthalene	10.90	128	878946	44.861	ng	99
32) Benzoic acid	10.17	122	137708	37.225	ng	95
33) 4-Chloroaniline	11.00	127	192834	21.846	ng	98
34) Hexachlorobutadiene	11.20	225	210877	44.820	ng	95
35) Caprolactam	11.77	113	102239m	45.129	ng	
36) 4-Chloro-3-methylphenol	12.12	107	330750	46.348	ng	98
37) 2-Methylnaphthalene	12.51	142	657563	44.866	ng	96
38) 1-Methylnaphthalene	12.72	142	621405	45.099	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	345638	44.278	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044930.D
 Acq On : 24 Mar 2020 14:51
 Operator : CG/JU
 Sample : PB127768BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB127768BS

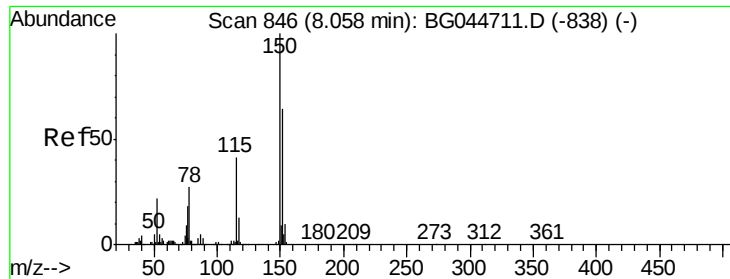
Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:27:37 PM

Quant Time: Mar 24 15:36:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	468783	109.886	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	241586	46.634	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	260348	48.459	nq	95
46) 1,1'-Biphenyl	13.51	154	811002	42.816	nq	99
47) 2-Chloronaphthalene	13.55	162	635223	43.900	nq	97
48) 2-Nitroaniline	13.75	65	214917	42.425	nq	97
49) Acenaphthylene	14.40	152	1027827	45.341	nq	98
50) Dimethylphthalate	14.13	163	823492	43.621	nq	98
51) 2,6-Dinitrotoluene	14.24	165	185794	48.825	nq	96
52) Acenaphthene	14.74	154	721036	48.567	nq	99
53) 3-Nitroaniline	14.57	138	128770	29.434	nq	97
54) 2,4-Dinitrophenol	14.77	184	176619	87.904	nq	96
55) Dibenzofuran	15.07	168	973569	45.222	nq	97
56) 4-Nitrophenol	14.88	139	303037	90.760	nq	93
57) 2,4-Dinitrotoluene	15.03	165	258251	49.484	nq	# 95
58) Fluorene	15.72	166	808885	45.675	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	240471	48.616	nq	94
60) Diethylphthalate	15.50	149	838327	42.577	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	430482	45.143	nq	98
62) 4-Nitroaniline	15.73	138	195856	41.984	nq	93
63) Azobenzene	16.01	77	856972	41.912	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	134456	53.818	nq	96
66) n-Nitrosodiphenylamine	15.93	169	727242	46.442	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	299428	46.050	nq	99
68) Hexachlorobenzene	16.74	284	322455	45.711	nq	99
69) Atrazine	16.88	200	281266	49.026	nq	98
70) Pentachlorophenol	17.07	266	381981	98.415	nq	98
71) Phenanthrene	17.46	178	1279886	46.049	nq	99
72) Anthracene	17.55	178	1312846	47.902	nq	99
73) Carbazole	17.82	167	1207096	45.852	nq	100
74) Di-n-butylphthalate	18.39	149	1401960	43.808	nq	99
75) Fluoranthene	19.47	202	1561170	47.174	nq	99
77) Benzidine	19.64	184	805406	51.768	nq	99
78) Pyrene	19.83	202	1556061	44.256	nq	99
80) Butylbenzylphthalate	20.72	149	618223	39.523	nq	99
81) Benzo(a)anthracene	21.67	228	1495221	43.329	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	409718	30.690	nq	97
83) Chrysene	21.74	228	1435697	43.554	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	870064	40.303	nq	98
85) Di-n-octyl phthalate	22.81	149	1482115	41.027	nq	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1934676	44.767	nq	# 93
88) Benzo(b)fluoranthene	23.89	252	1653865	46.472	nq	98
89) Benzo(k)fluoranthene	23.95	252	1569993	46.617	nq	98
90) Benzo(a)pyrene	24.74	252	1517055	45.557	nq	98
91) Dibenzo(a,h)anthracene	28.61	278	1578001	48.033	nq	98
92) Benzo(g,h,i)perylene	29.69	276	1577213	47.518	nq	97

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



#1

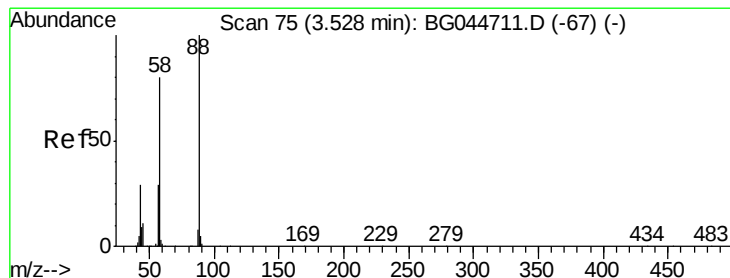
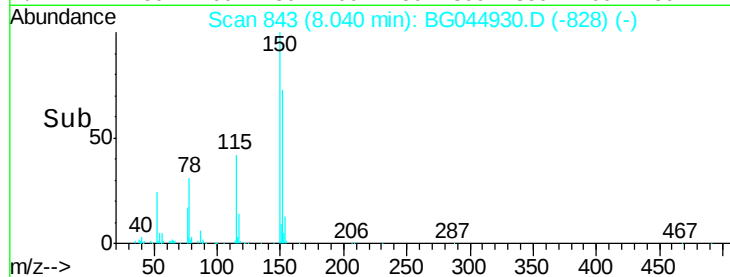
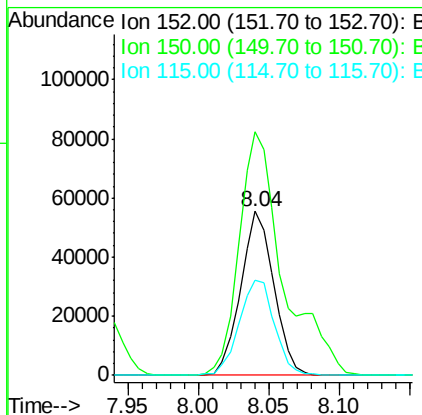
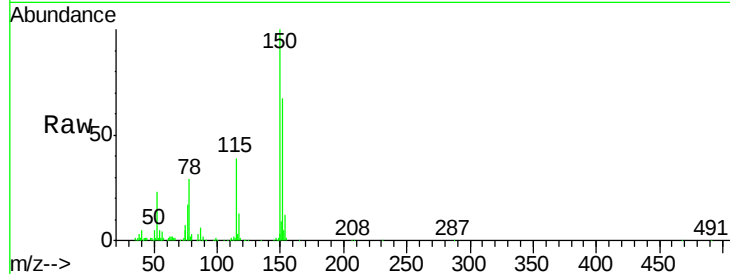
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampled :
PB127768BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	128.8	193.2
115	58.1	52.6	79.0

Manual Integrations
APPROVED

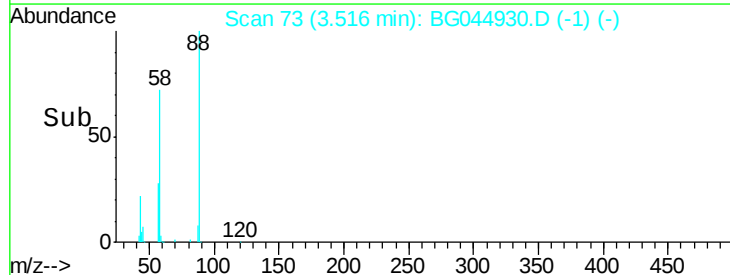
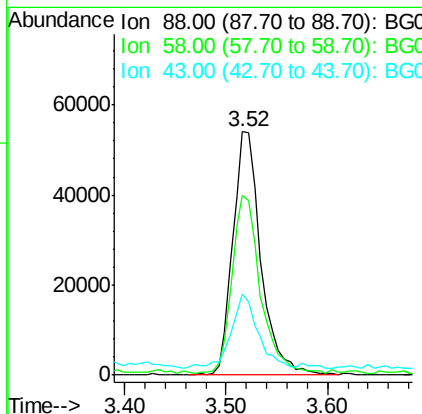
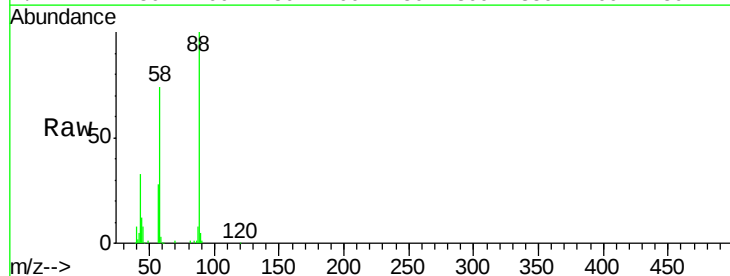
mohammad
3/25/2020 12:27:37 PM

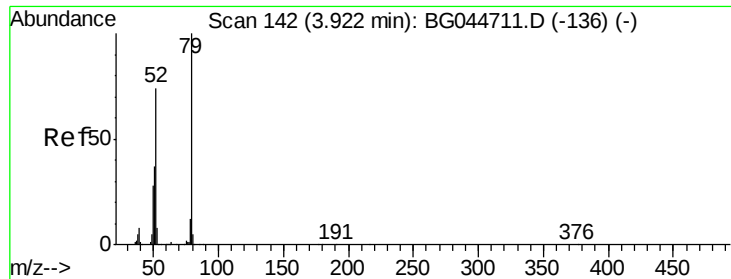


#2

1,4-Dioxane
Concen: 36.839 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	63.0	94.4
43	29.8	24.8	37.2





#3

Pvridine

Concen: 35.343 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

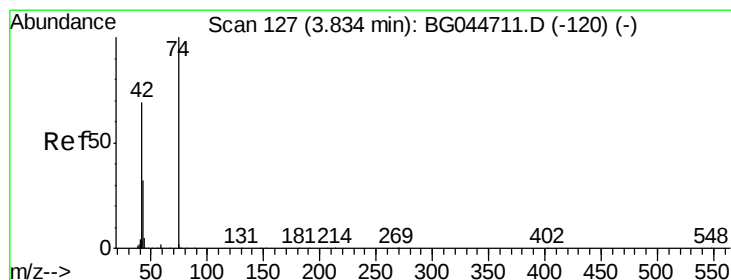
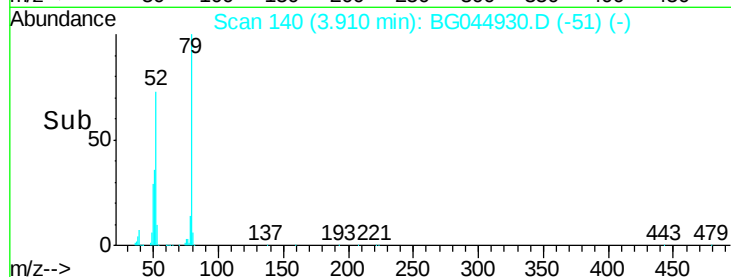
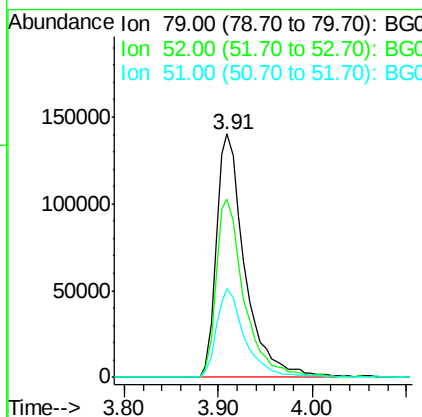
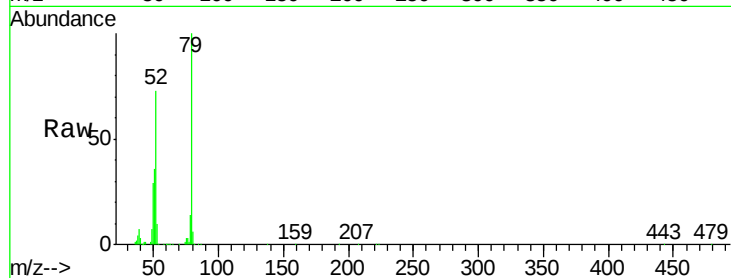
ClientSampleId :

PB127768BS

Tot Ion:	79	Resp:	295192
Ion Ratio	Lower	Upper	
79	100		
52	73.4	56.3	84.5
51	36.4	28.1	42.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#4

n-Nitrosodimethylamine

Concen: 45.925 ng

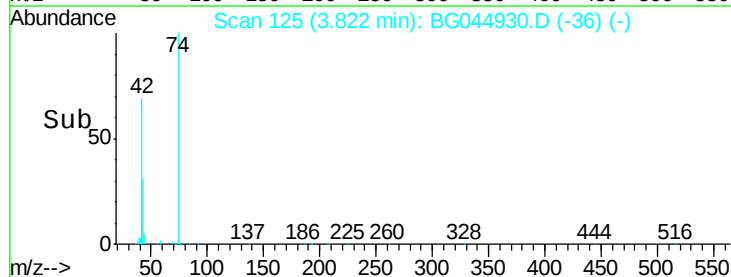
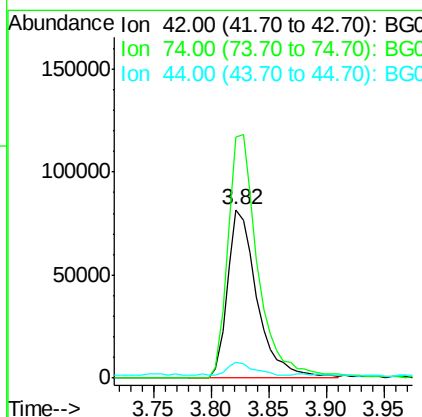
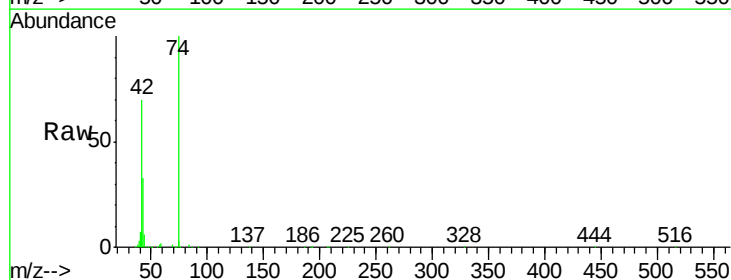
RT: 3.82 min Scan# 125

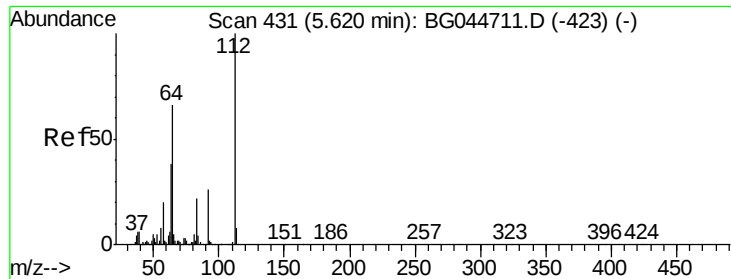
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	42	Resp:	145536
Ion Ratio	Lower	Upper	
42	100		
74	143.5	109.1	163.7
44	9.1	5.4	8.2





#5

2-Fluorophenol

Concen: 135.253 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

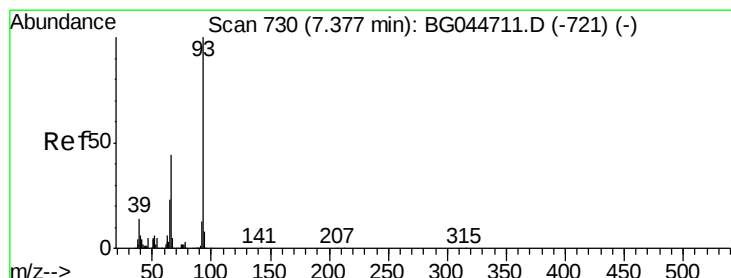
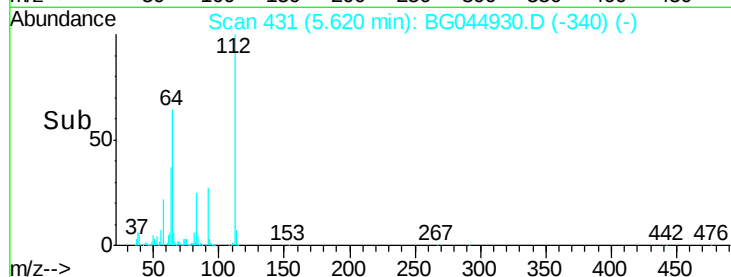
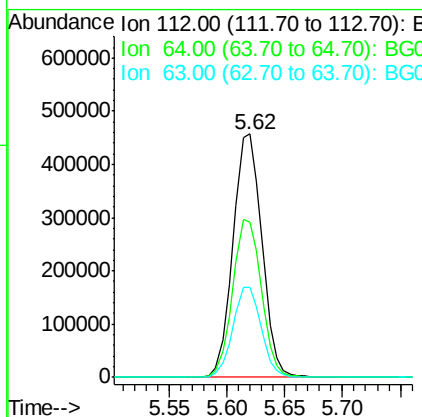
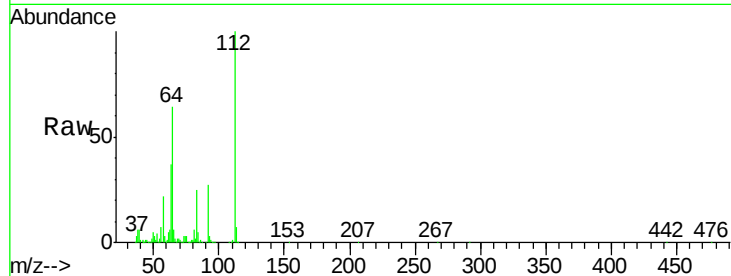
ClientSampleId :

PB127768BS

Tot Ion:	112	Resp:	792433
Ion Ratio	Lower	Upper	
112	100		
64	64.0	53.4	80.2
63	36.9	29.4	44.2

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#6

Aniline

Concen: 36.748 ng

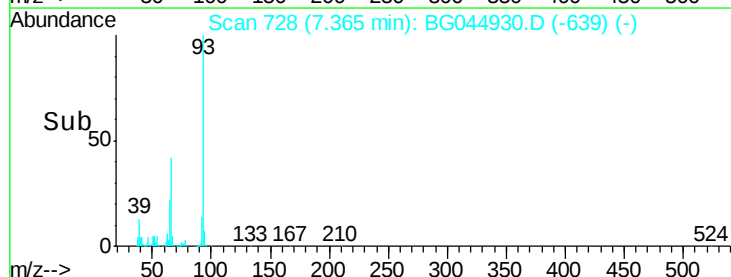
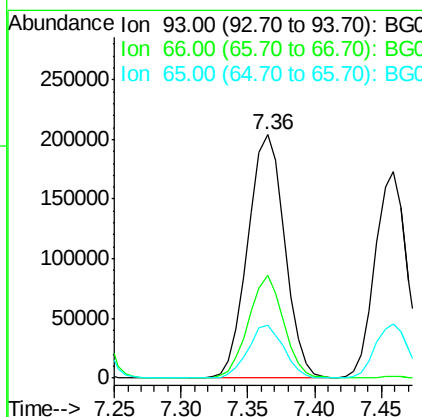
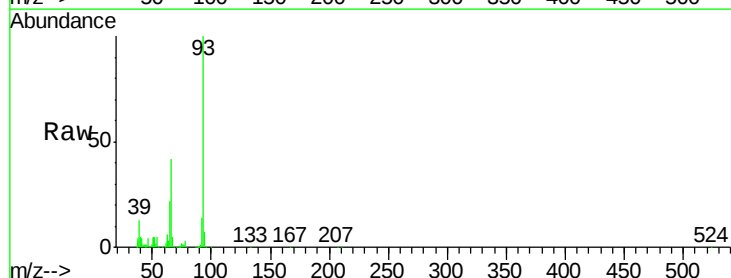
RT: 7.36 min Scan# 728

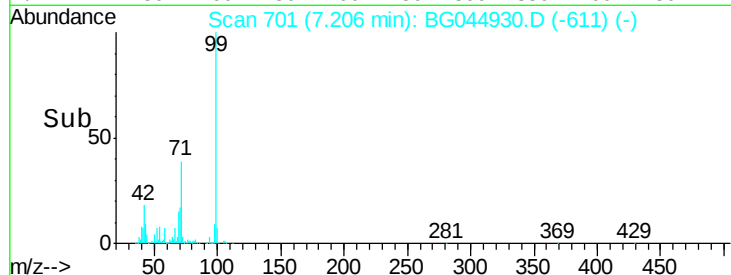
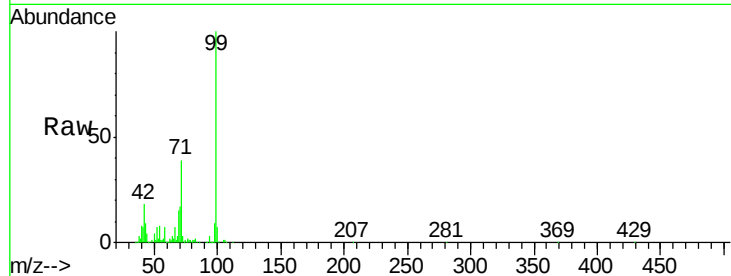
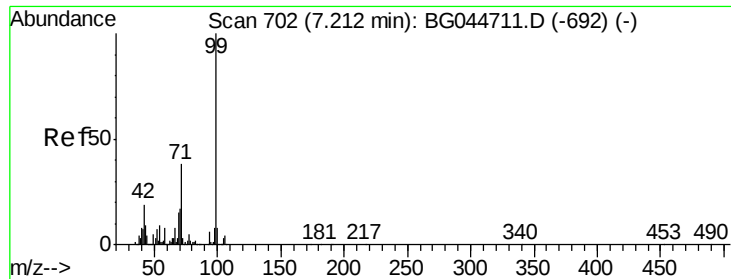
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	93	Resp:	389246
Ion Ratio	Lower	Upper	
93	100		
66	42.2	33.7	50.5
65	21.5	17.7	26.5





#7

Phenol-d6

Concen: 124.288 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tot Ion: 99 Resp: 1058011

Ion Ratio Lower Upper

99 100

42 18.2 12.6 19.0

71 39.2 29.0 43.4

Instrument :

BNA_G

ClientSampleId :

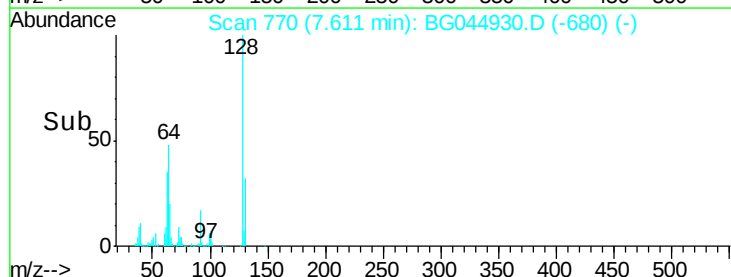
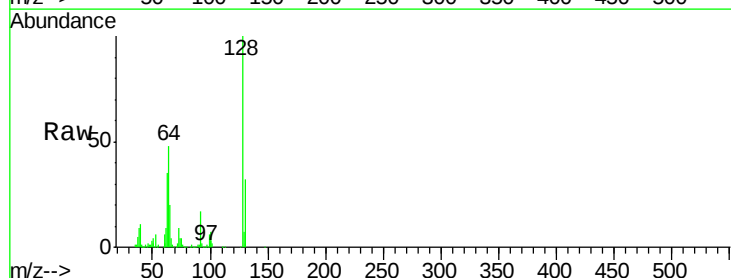
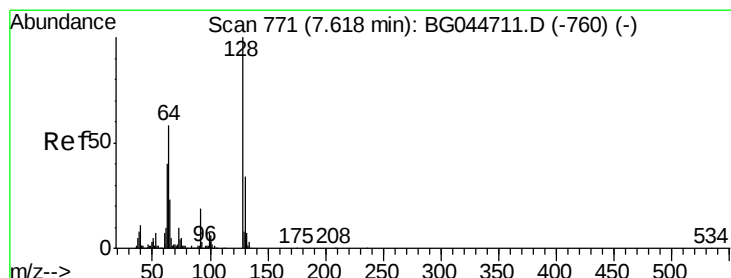
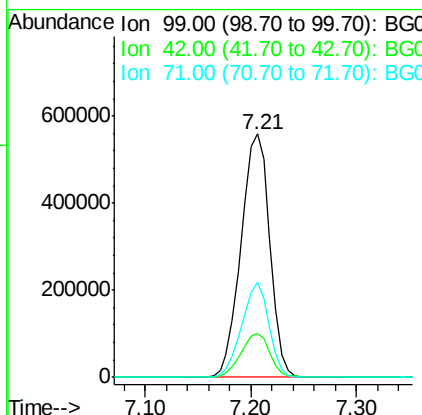
PB127768BS

Manual Integrations

APPROVED

mohammad

3/25/2020 12:27:37 PM



#8

2-Chlorophenol

Concen: 51.387 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

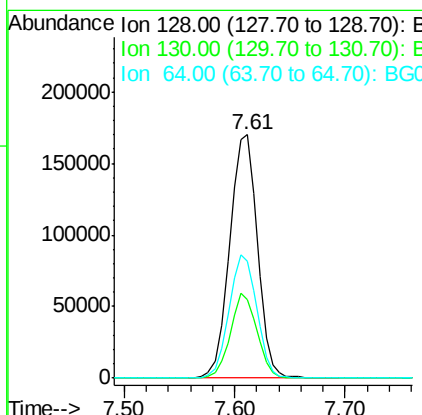
Tgt Ion:128 Resp: 300544

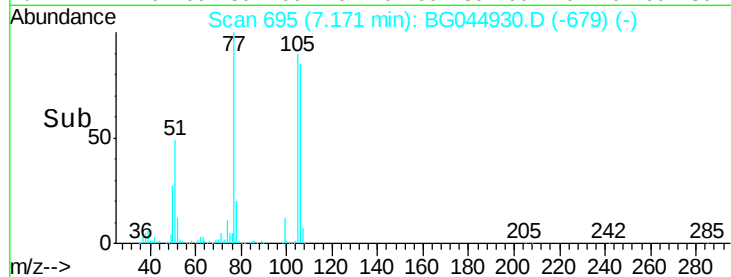
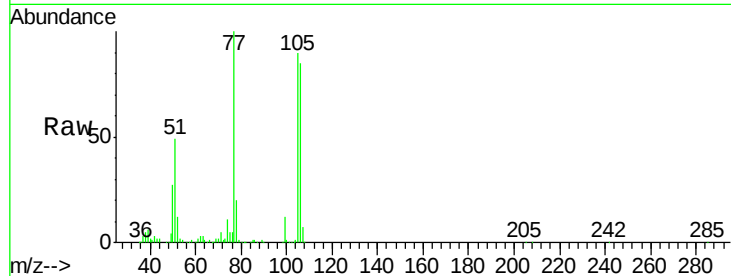
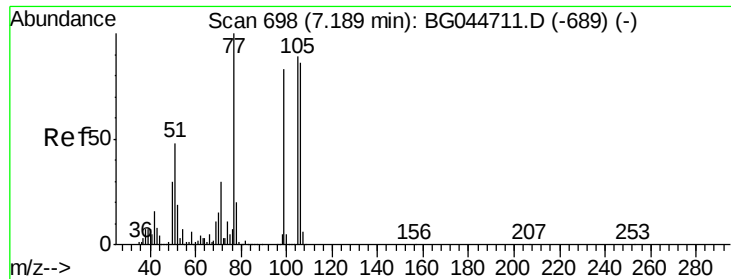
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 48.1 34.5 74.5





#9

Benzaldehyde

Concen: 44.886 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tot Ion:	77	Resp:	224857
Ion Ratio	Lower	Upper	
77	100		
105	90.5	69.3	109.3
106	85.4	64.5	104.5

Instrument :

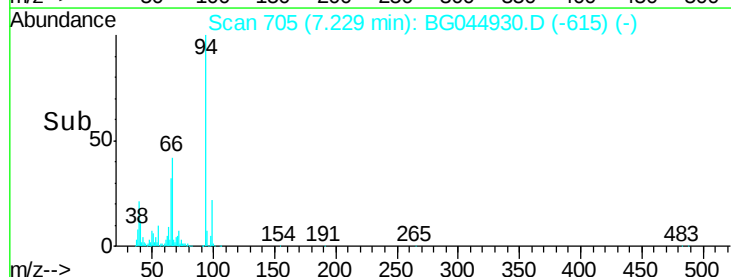
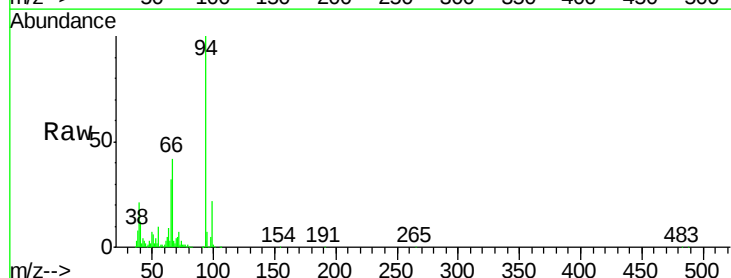
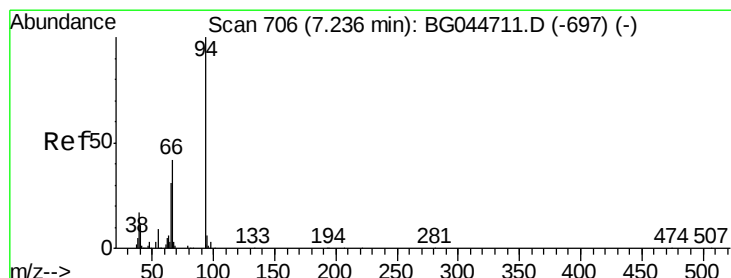
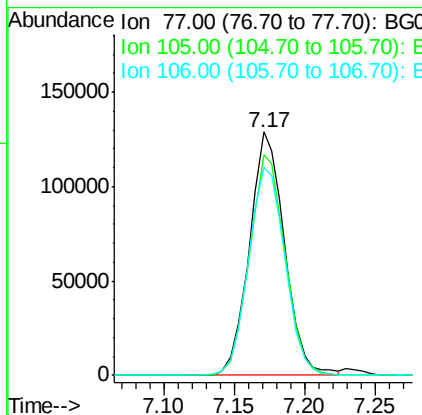
BNA_G

ClientSampleId :

PB127768BS

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#10

Phenol

Concen: 46.425 ng

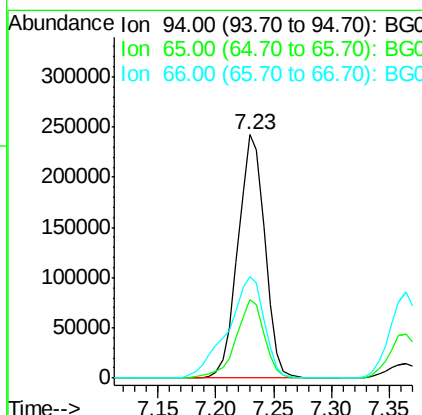
RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	94	Resp:	391258
Ion Ratio	Lower	Upper	
94	100		
65	32.3	11.0	51.0
66	41.9	20.1	60.1





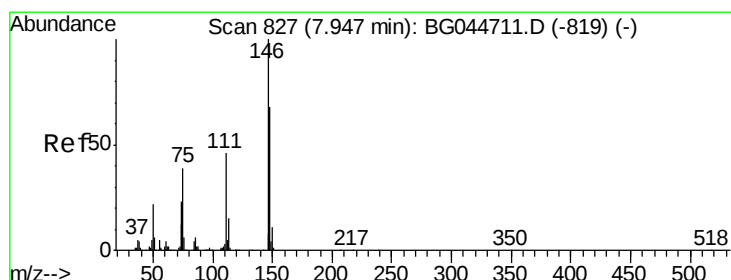
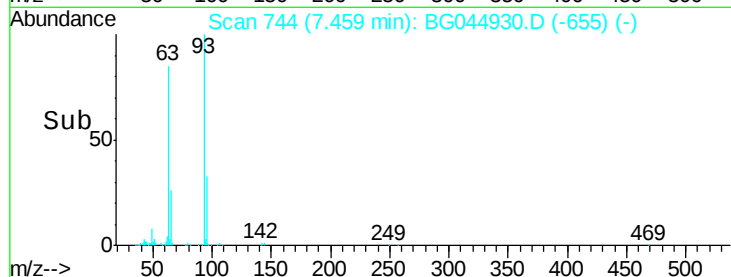
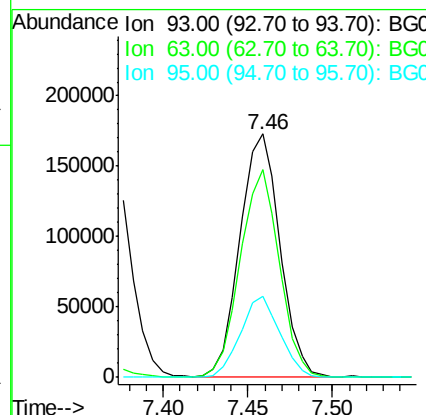
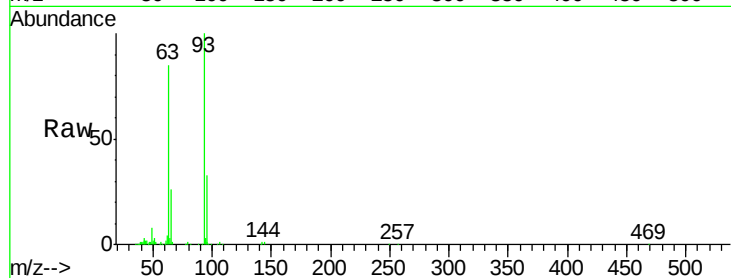
#11
bis(2-Chloroethyl)ether
Concen: 42.139 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	283427		
63	85.4	59.7	99.7	
95	33.2	13.1	53.1	

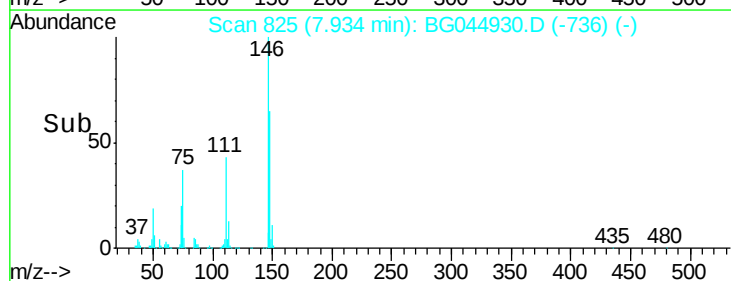
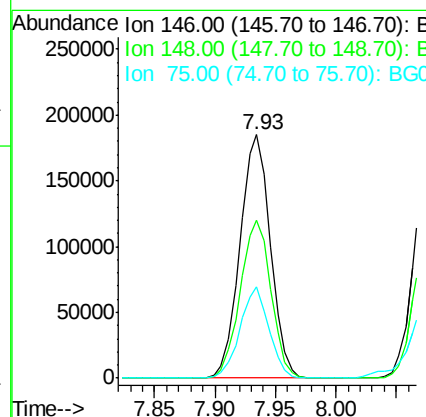
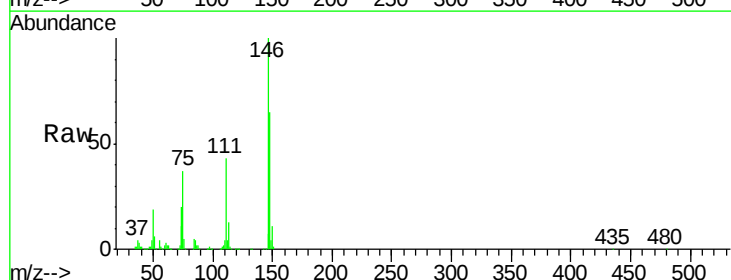
Manual Integrations
APPROVED

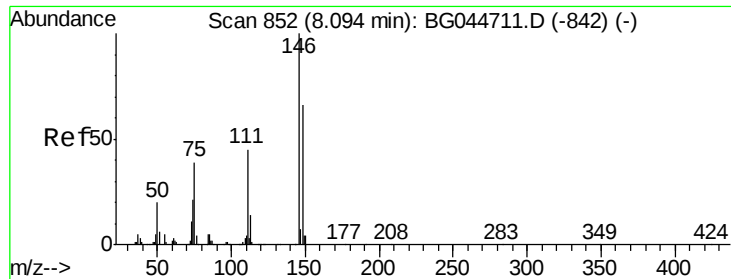
mohammad
3/25/2020 12:27:37 PM



#12
1,3-Dichlorobenzene
Concen: 45.060 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324641		
148	64.7	54.2	81.4	
75	37.2	28.6	42.8	





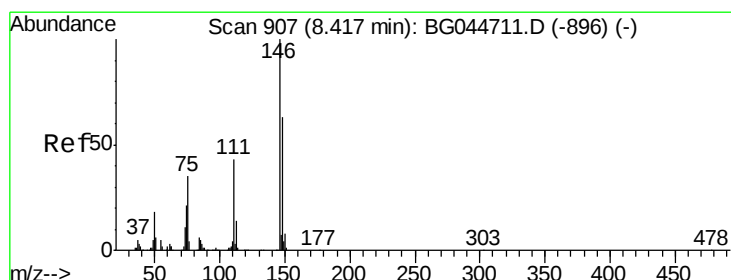
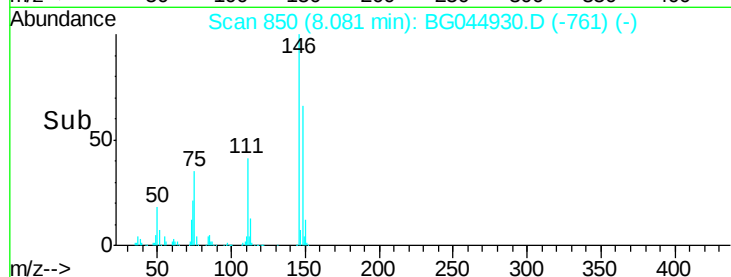
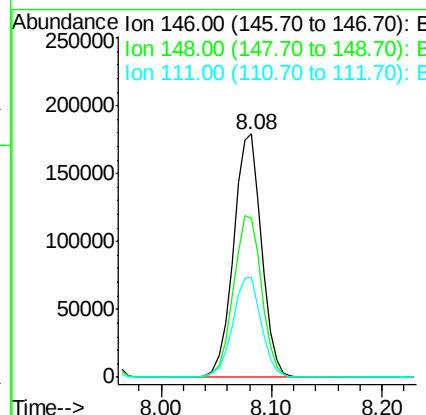
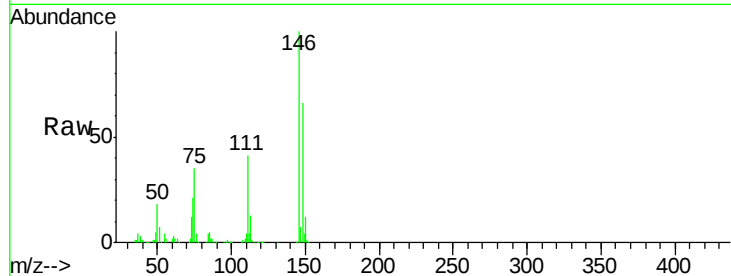
#13
 1,4-Dichlorobenzene
 Concen: 44.702 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.8	80.6
111	41.0	32.0	48.0

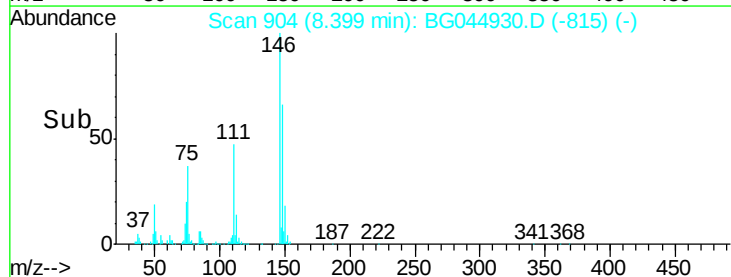
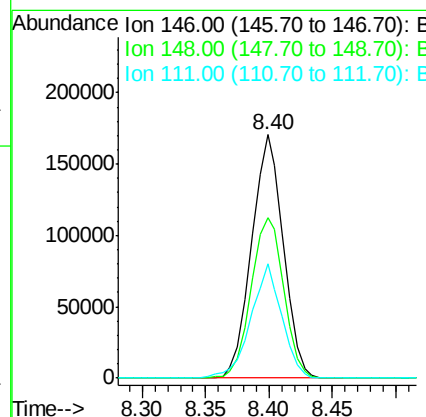
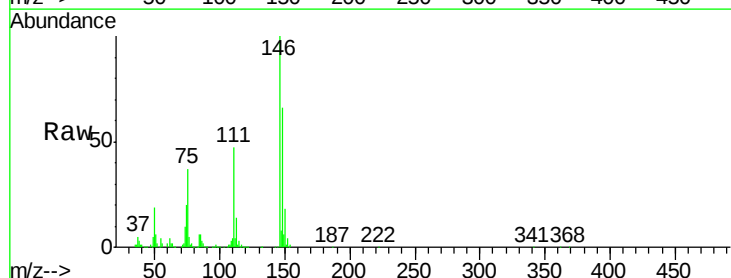
Manual Integrations
 APPROVED

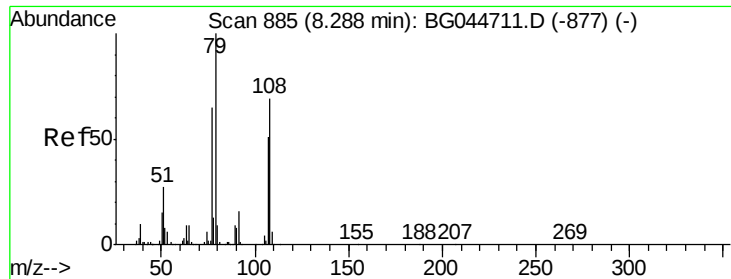
mohammad
 3/25/2020 12:27:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.781 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
111	47.0	33.4	50.2





#15

Benzyl Alcohol

Concen: 43.208 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

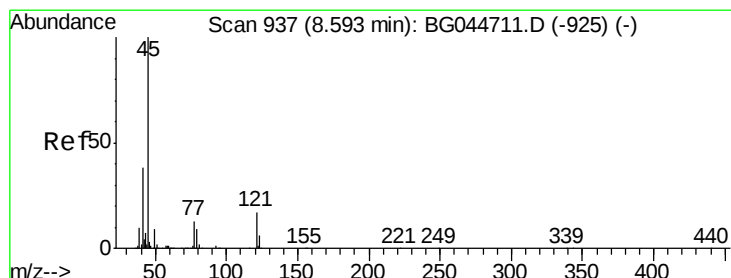
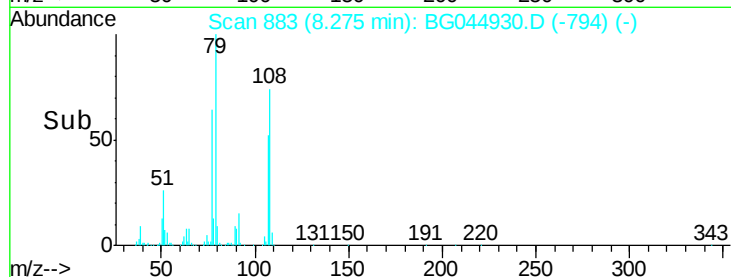
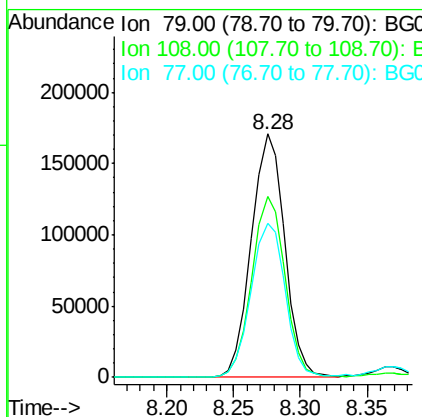
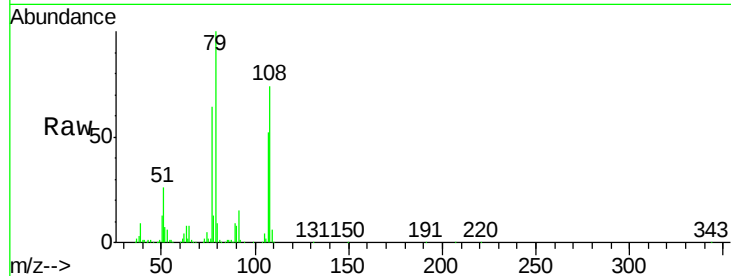
ClientSampleId :

PB127768BS

Tot Ion:	79	Resp:	295109
Ion	Ratio	Lower	Upper
79	100		
108	74.1	53.8	80.8
77	63.5	47.8	71.8

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.283 ng

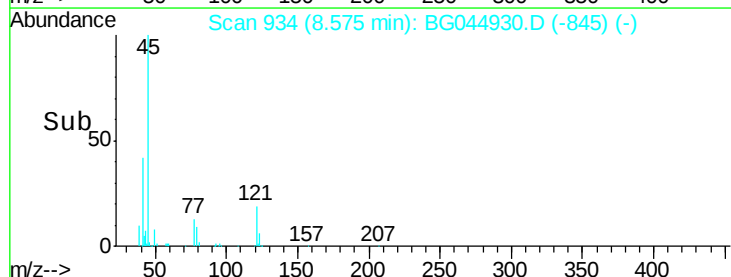
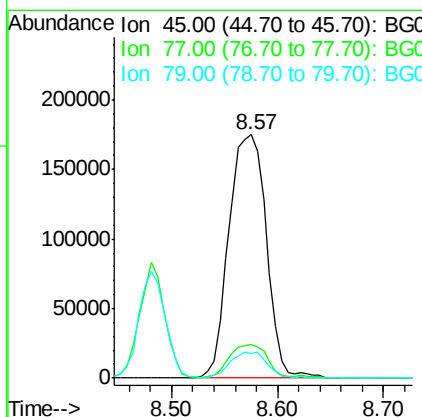
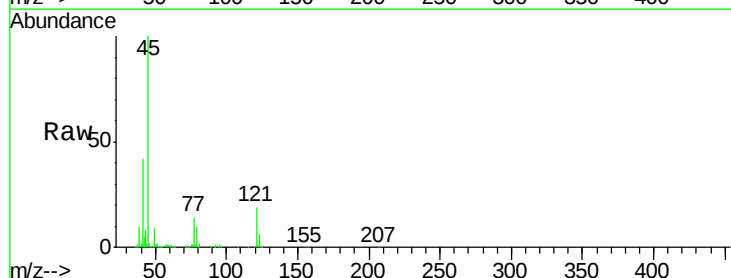
RT: 8.57 min Scan# 934

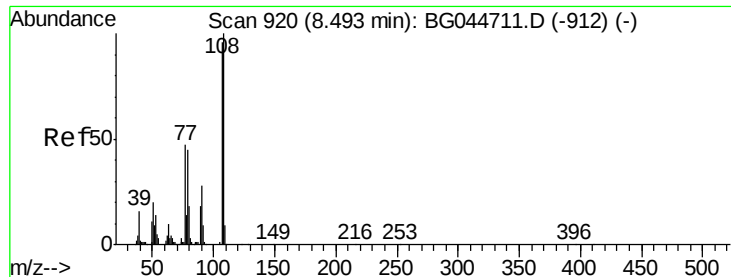
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	45	Resp:	430660
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.9
79	9.9	0.0	30.8





#17

2-Methylphenol

Concen: 46.612 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

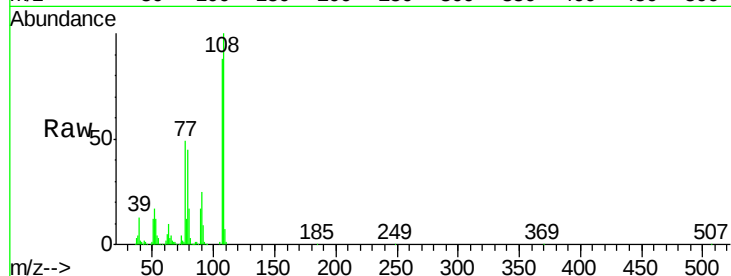
ClientSampleID :

PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	266093		
108	113.4	91.8	137.8	
77	55.1	40.0	60.0	
79	51.0	40.2	60.2	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



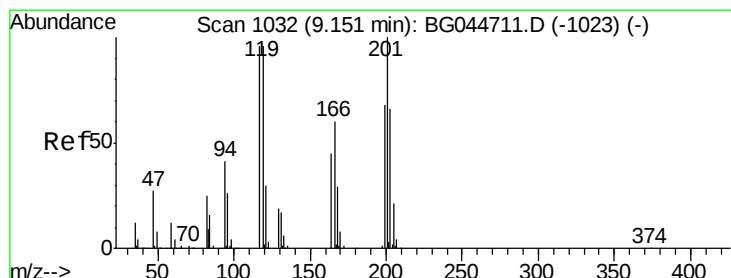
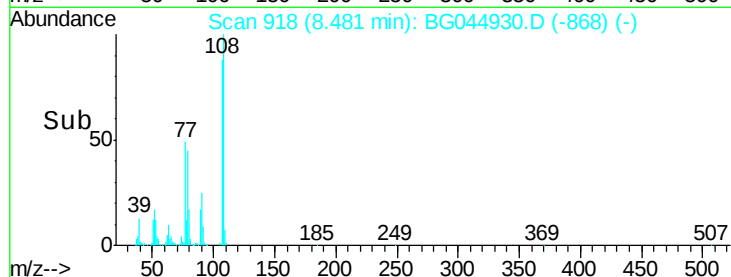
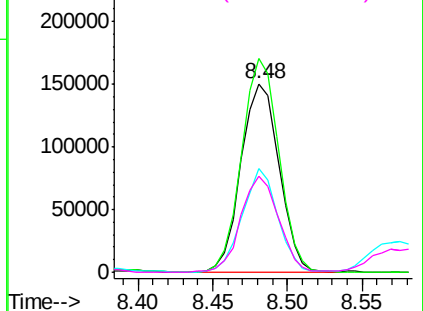
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.375 ng

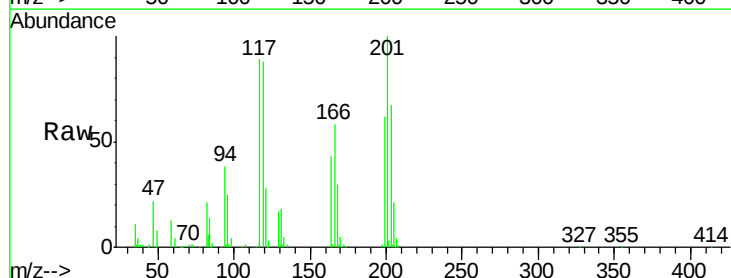
RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118828		
119	99.2	75.2	112.8	
201	112.7	81.1	121.7	

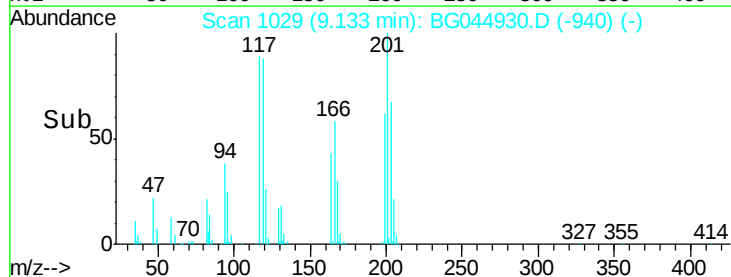
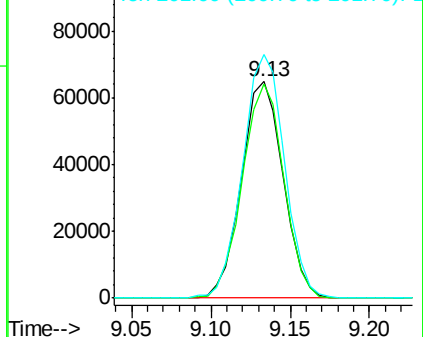


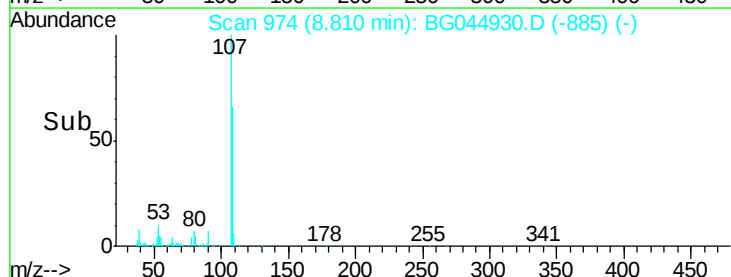
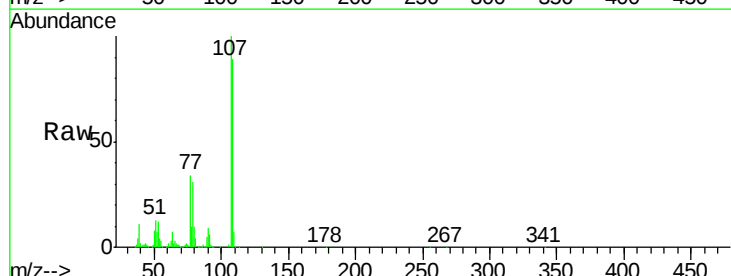
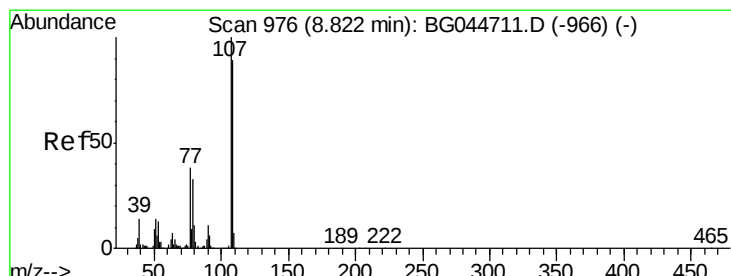
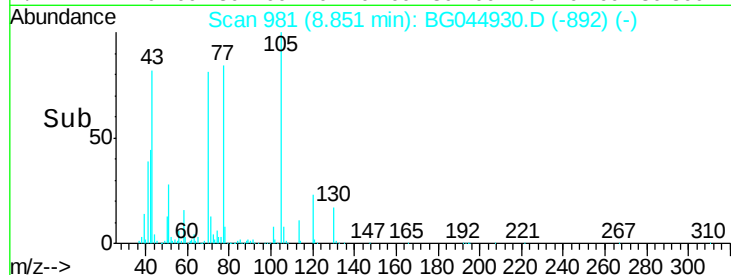
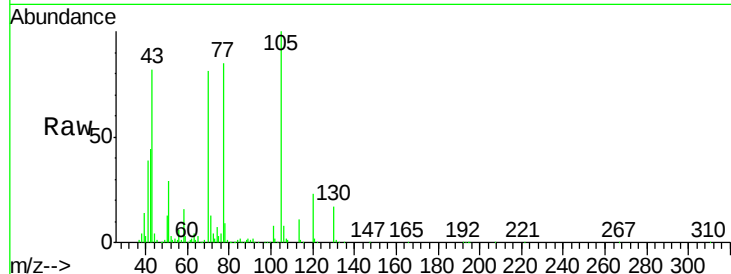
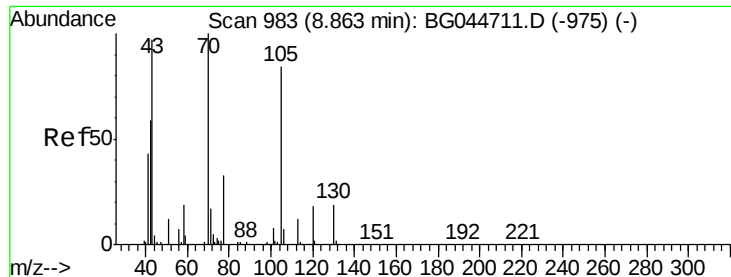
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.895 ng

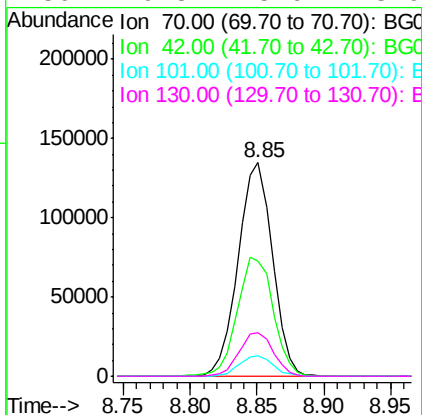
RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	45.7	68.5	
101	9.3	7.4	11.2	
130	20.3	15.9	23.9	



Instrument :

BNA_G

ClientSampleId :

PB127768BS

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM

#20

3+4-Methylphenols

Concen: 46.830 ng

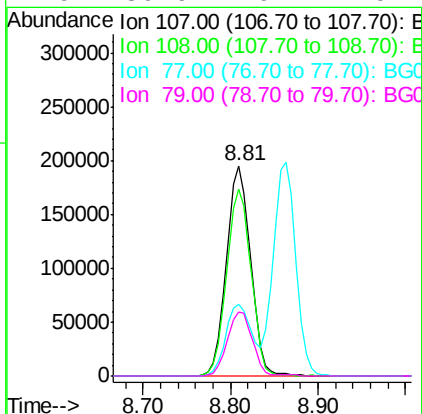
RT: 8.81 min Scan# 974

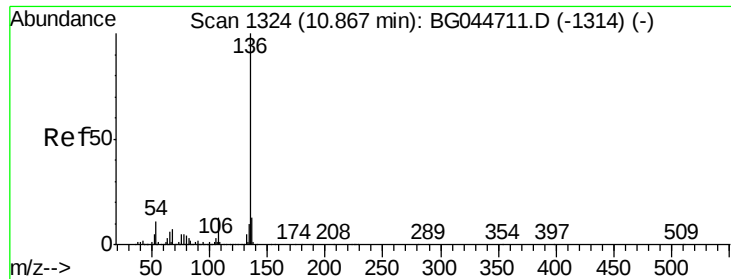
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	71.3	111.3	
77	34.4	16.9	56.9	
79	30.6	9.7	49.7	





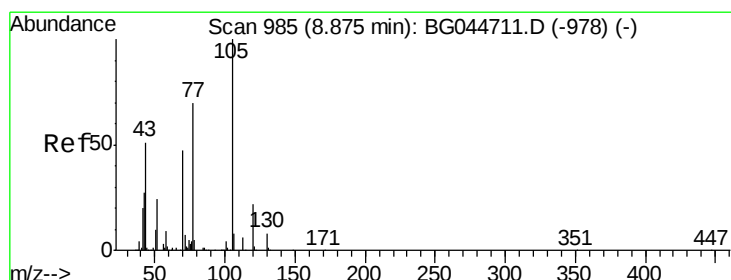
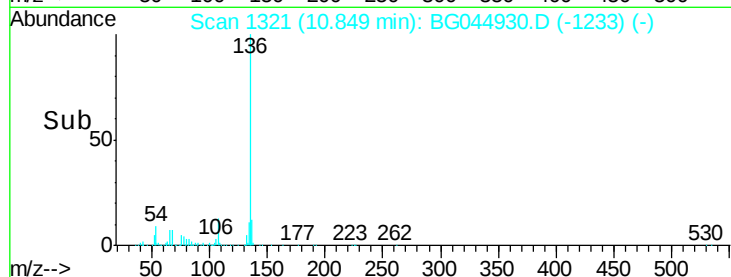
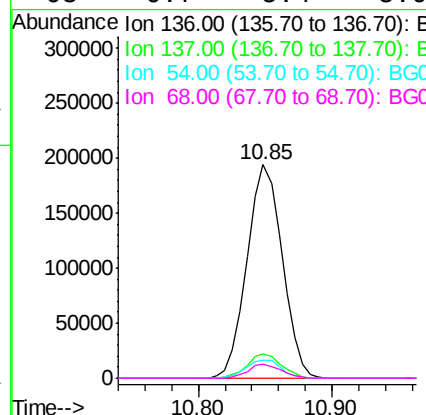
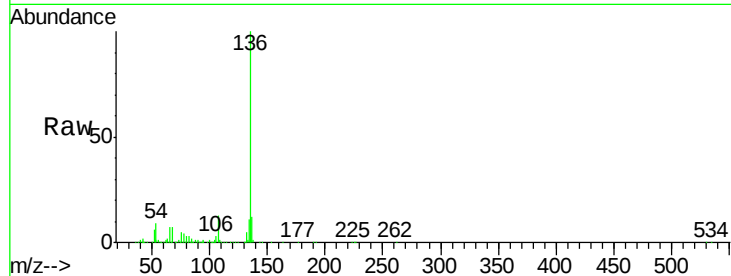
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	353688		
137	11.5		9.8	14.6
54	8.6		7.9	11.9
68	6.7		5.4	8.0

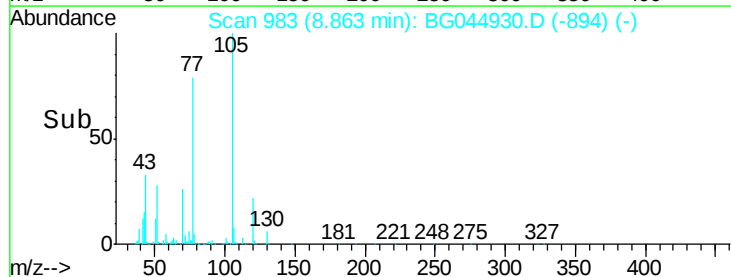
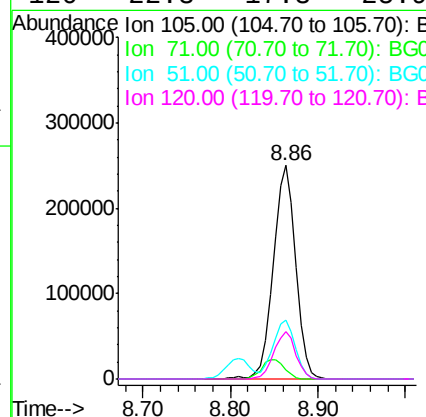
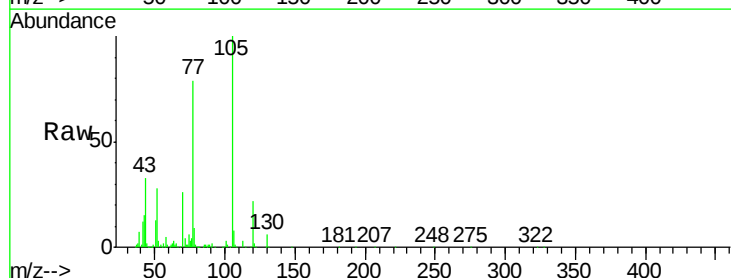
Manual Integrations
APPROVED

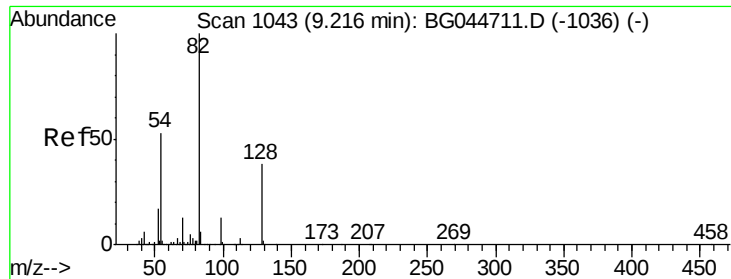
mohammad
3/25/2020 12:27:37 PM



#22
Acetophenone
Concen: 44.258 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	443465		
71	4.3		3.9	5.9
51	27.8		22.6	33.8
120	22.3		17.3	25.9





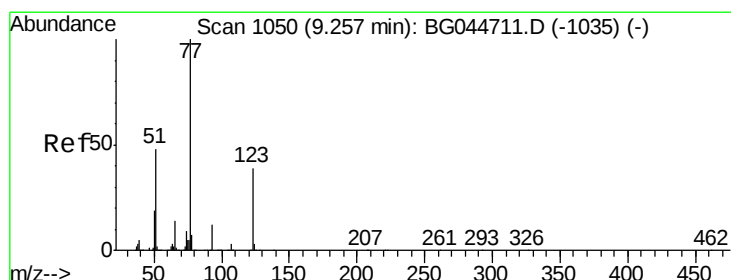
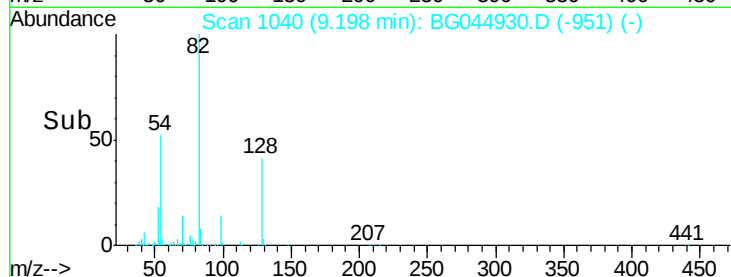
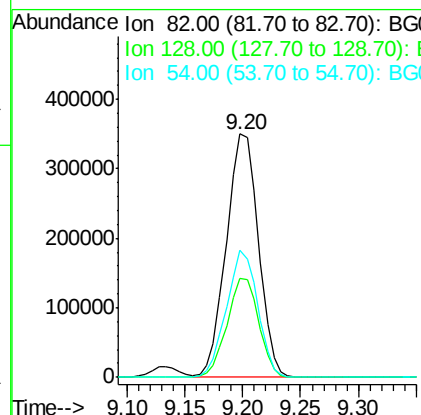
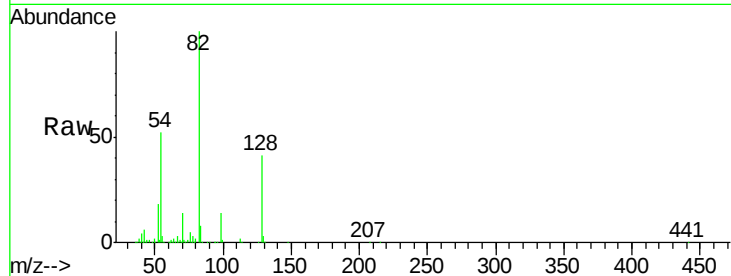
#23
 Nitrobenzene-d5
 Concen: 83.907 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	676300		
128	40.7		30.6	46.0
54	52.3		37.1	55.7

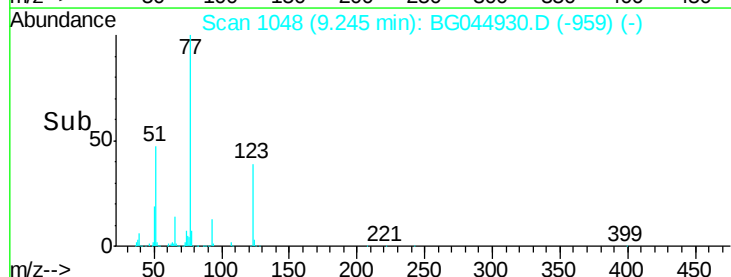
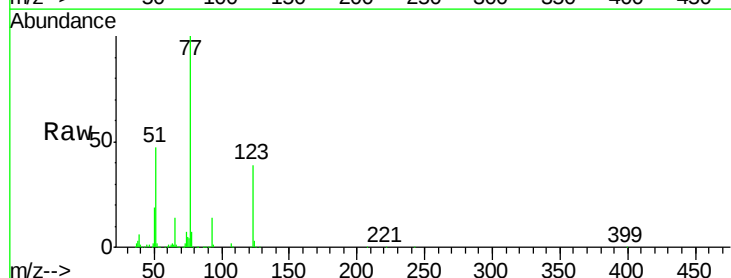
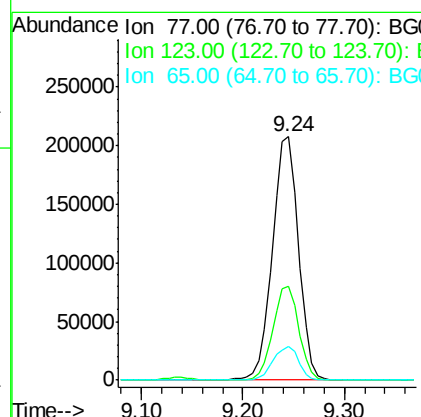
Manual Integrations
 APPROVED

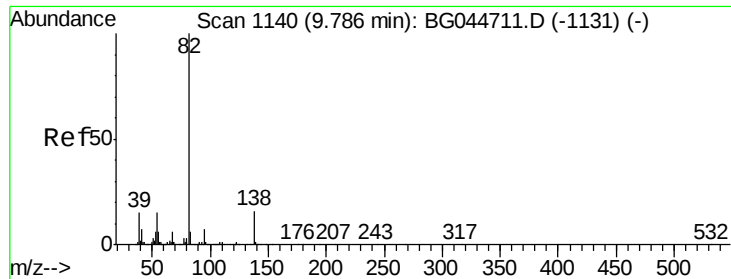
mohammad
 3/25/2020 12:27:37 PM



#24
 Nitrobenzene
 Concen: 44.491 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	372094		
123	38.7		31.3	46.9
65	13.7		11.4	17.0





#25

Isophorone

Concen: 42.035 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

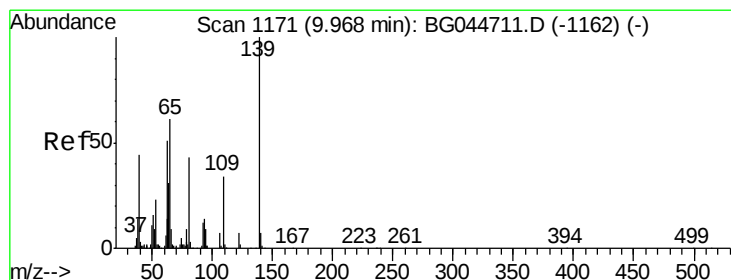
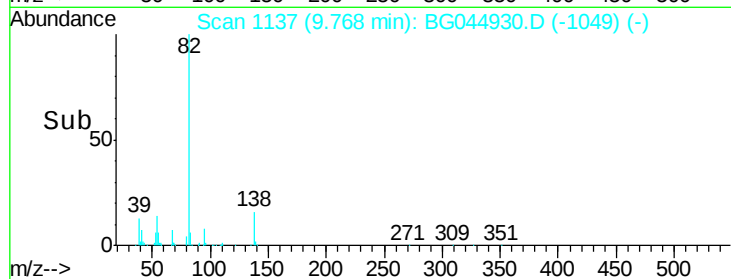
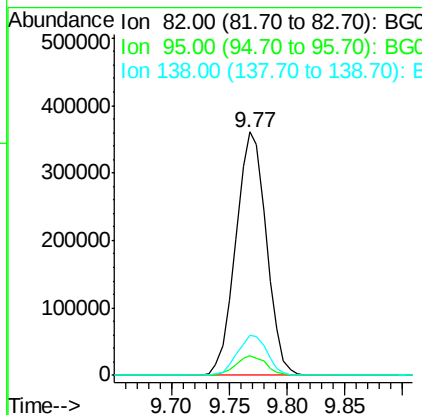
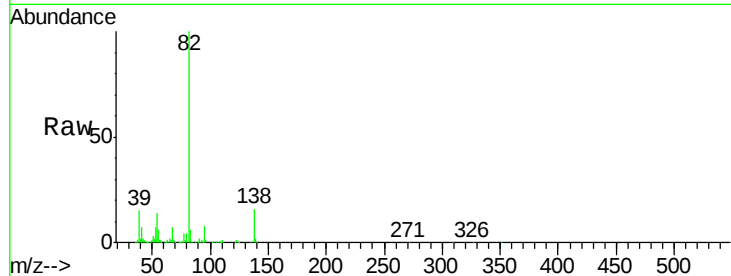
ClientSampleId :

PB127768BS

Tot Ion:	82	Resp:	661250
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.5	8.3
138	16.2	12.5	18.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#26

2-Nitrophenol

Concen: 48.796 ng

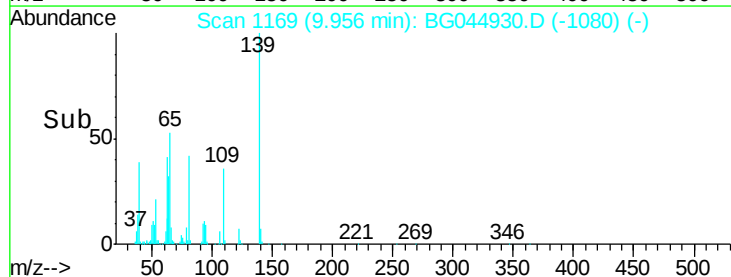
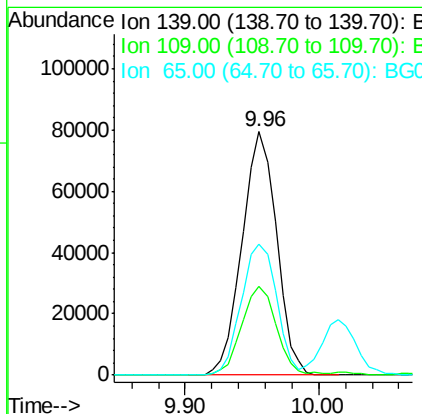
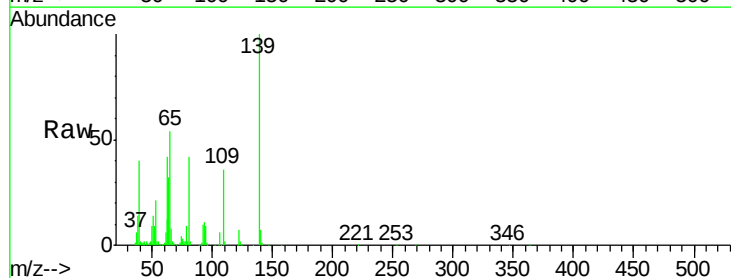
RT: 9.96 min Scan# 1169

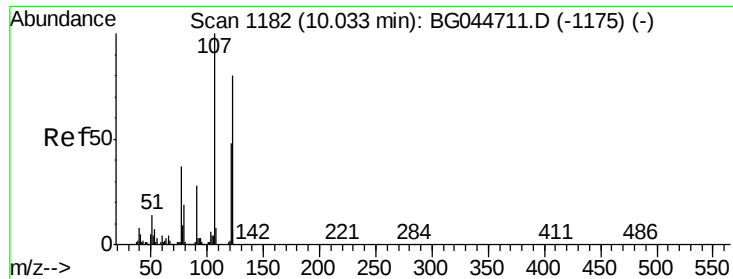
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	139	Resp:	141977
Ion Ratio	Lower	Upper	
139	100		
109	36.4	30.2	45.4
65	53.8	46.3	69.5





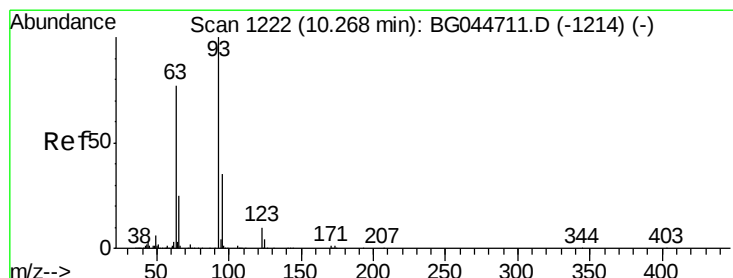
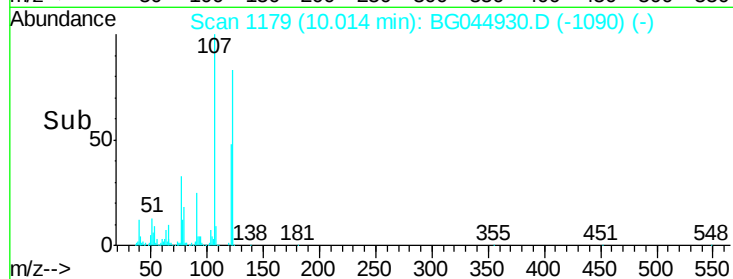
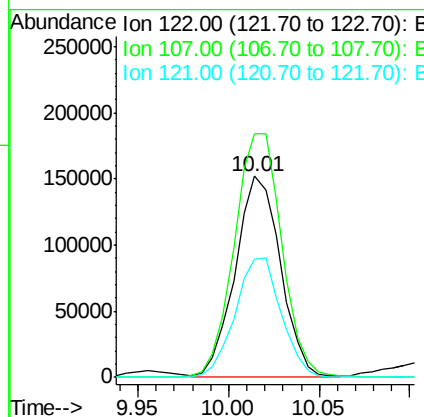
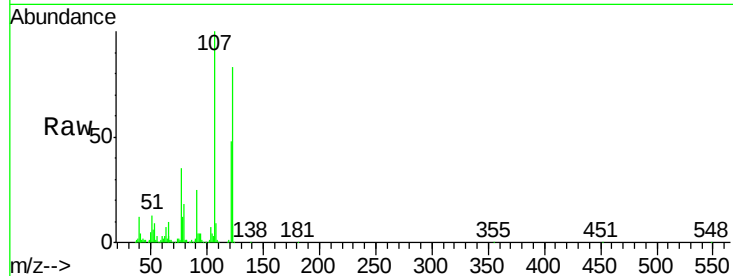
#27
2,4-Dimethylphenol
Concen: 51.485 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	107.1	160.7
121	58.5	46.8	70.2

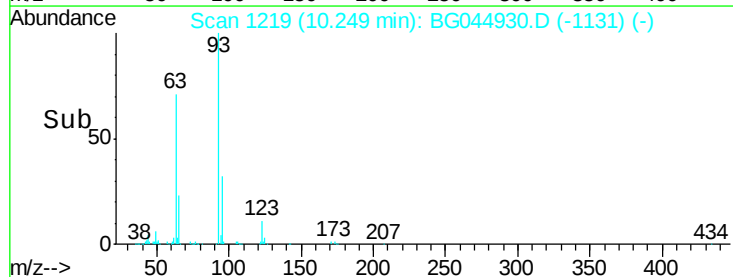
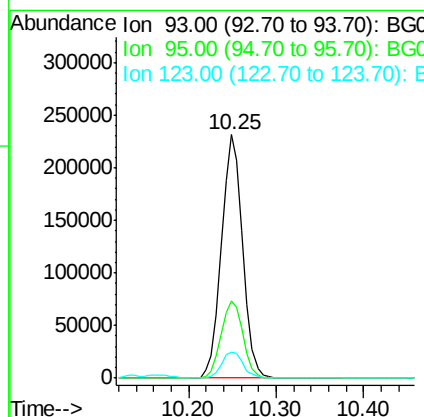
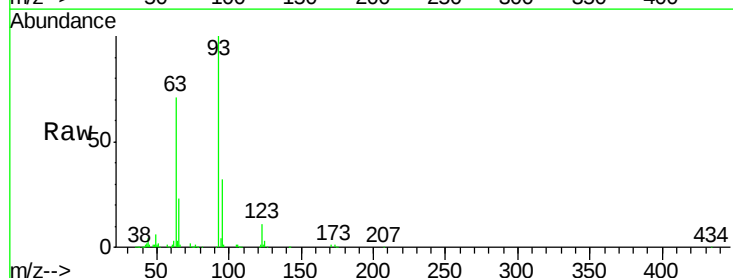
Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.225 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	10.7	8.4	12.6





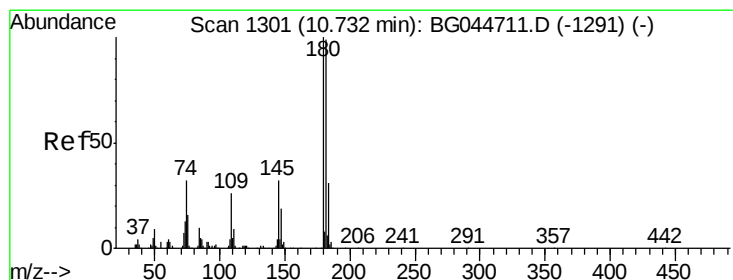
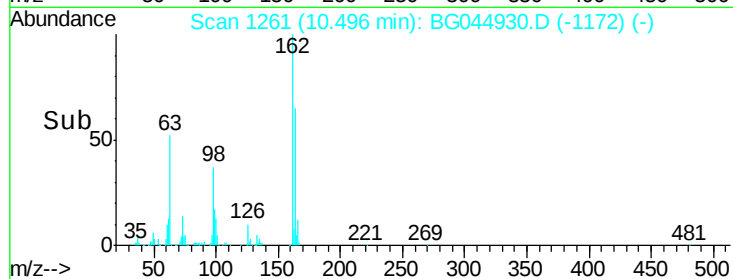
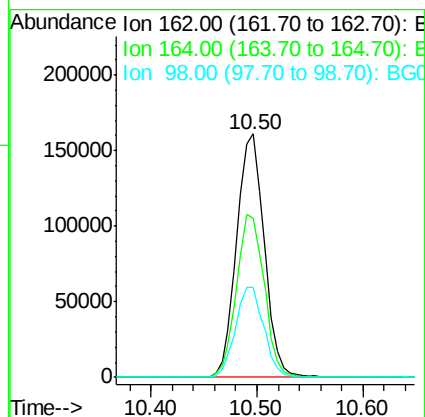
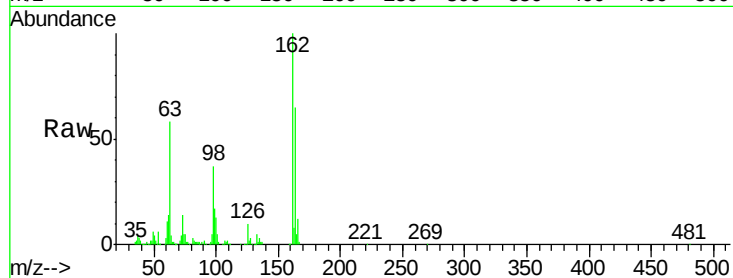
#29
 2,4-Dichlorophenol
 Concen: 48.612 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	45.2	85.2
98	37.0	19.0	59.0

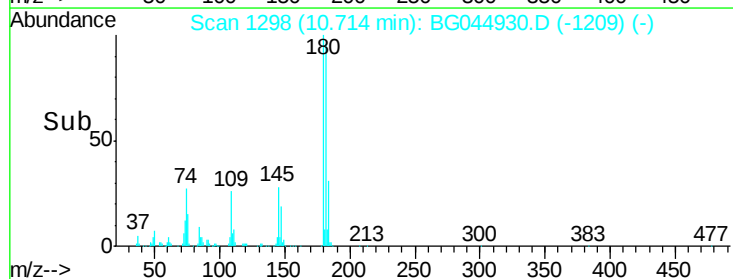
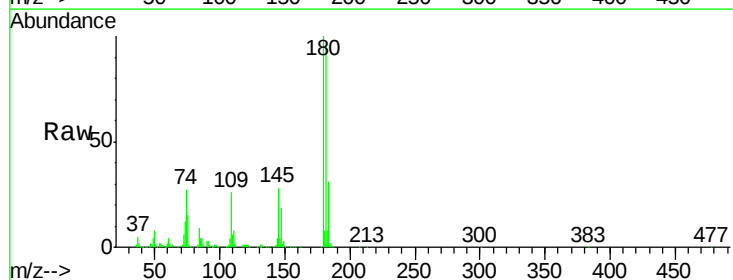
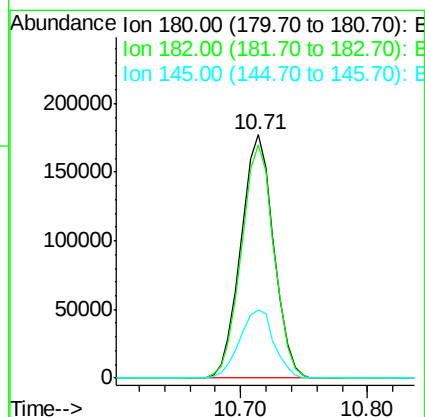
Manual Integrations
 APPROVED

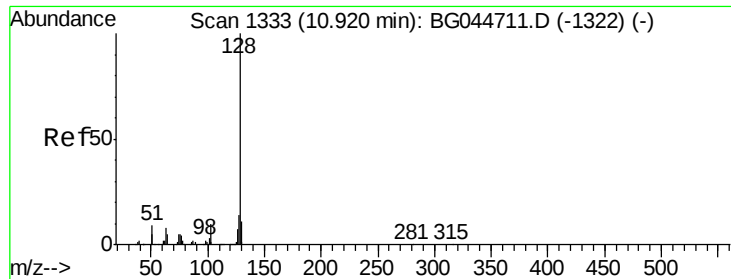
mohammad
 3/25/2020 12:27:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.396 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	71.6	107.4
145	28.1	23.4	35.0





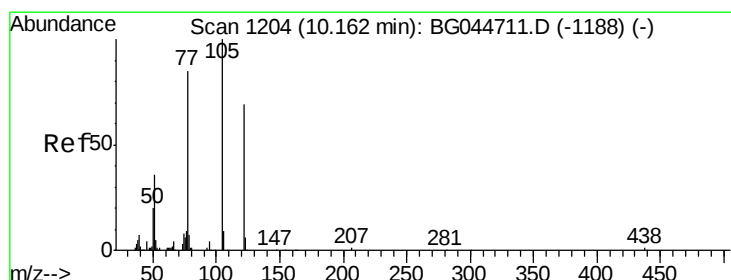
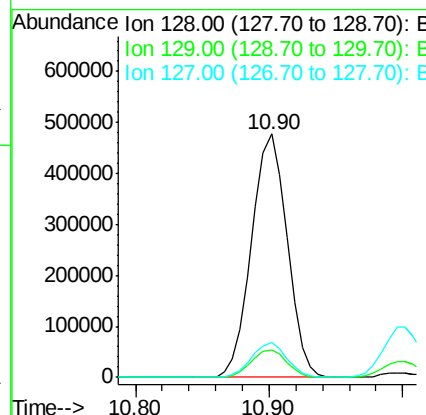
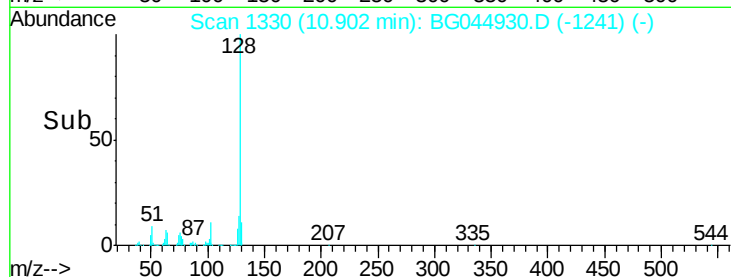
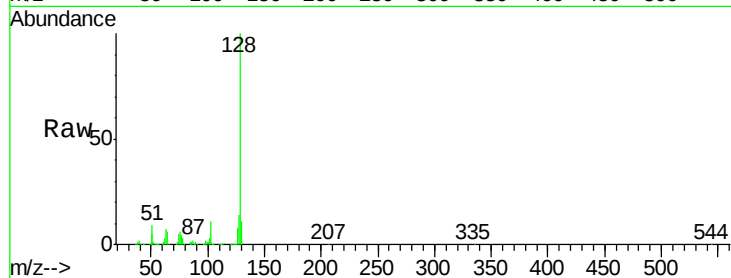
#31
Naphthalene
Concen: 44.861 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.4	10.8	16.2

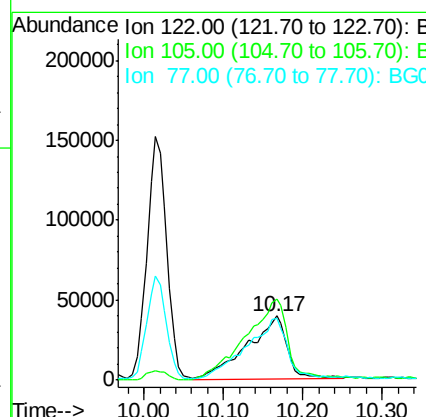
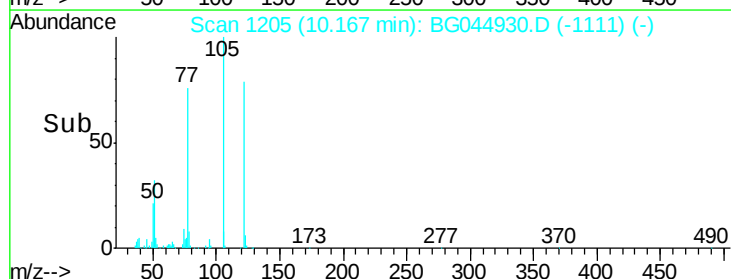
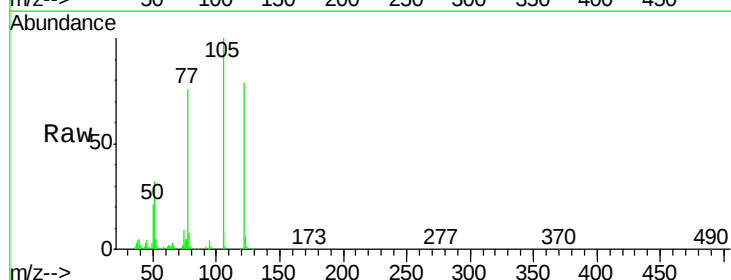
Manual Integrations
APPROVED

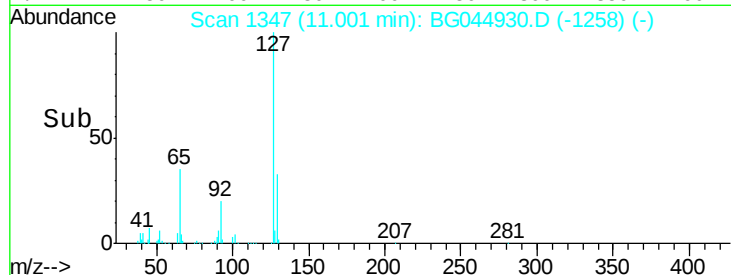
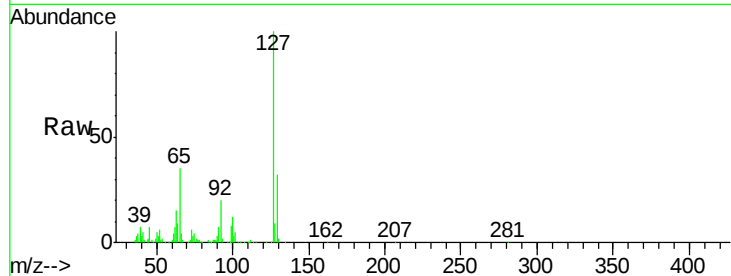
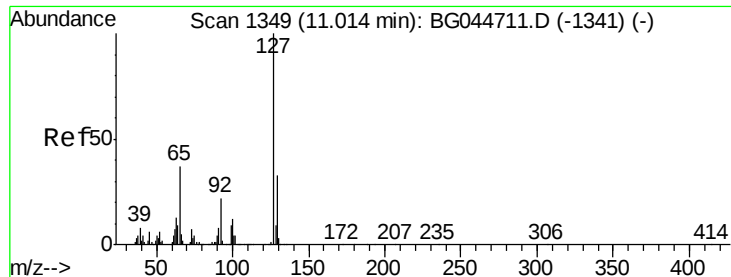
mohammad
3/25/2020 12:27:37 PM



#32
Benzoic acid
Concen: 37.225 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	109.1	149.1
77	96.6	85.3	125.3





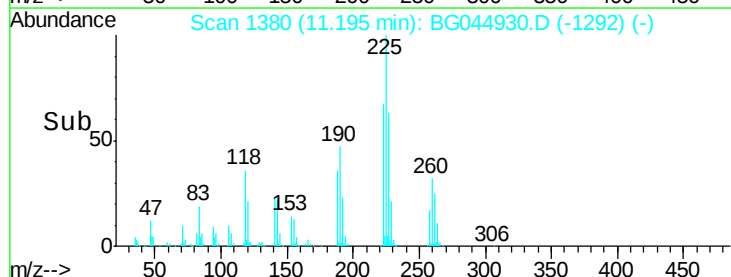
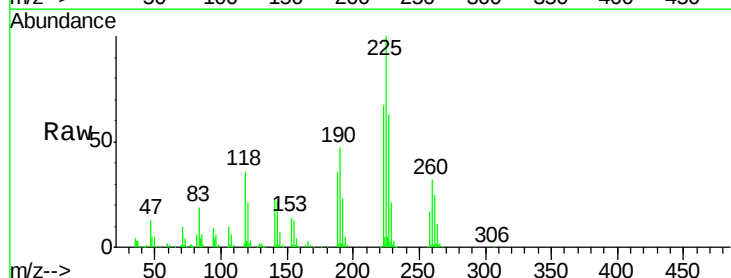
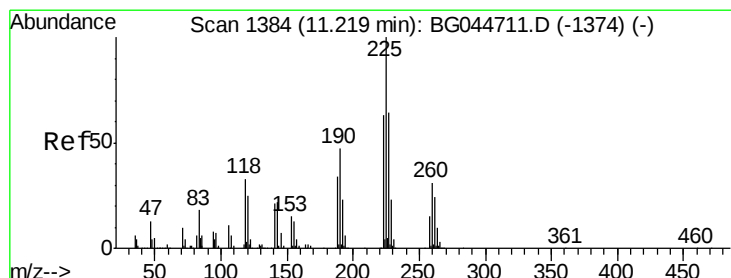
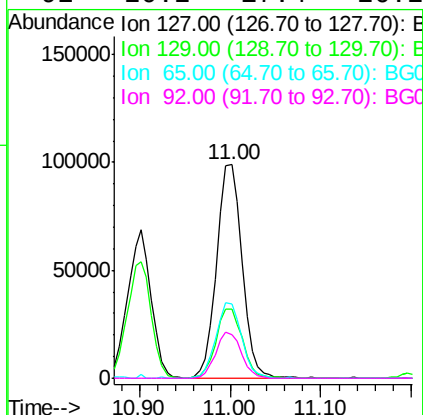
#33
4-Chloroaniline
Concen: 21.846 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.9	40.3		
65	34.8	27.7	41.5		
92	20.2	17.4	26.2		

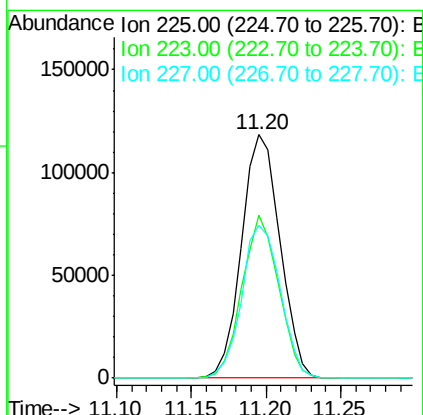
Manual Integrations
APPROVED

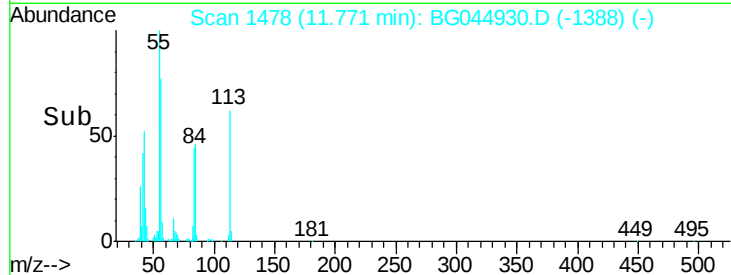
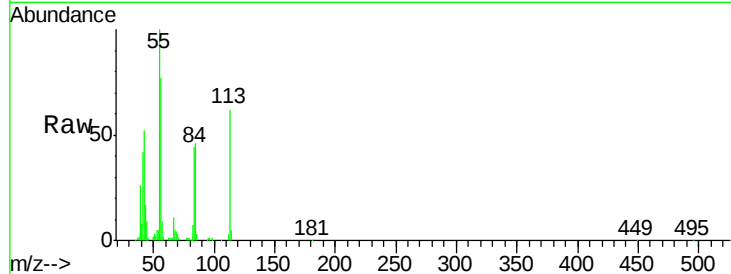
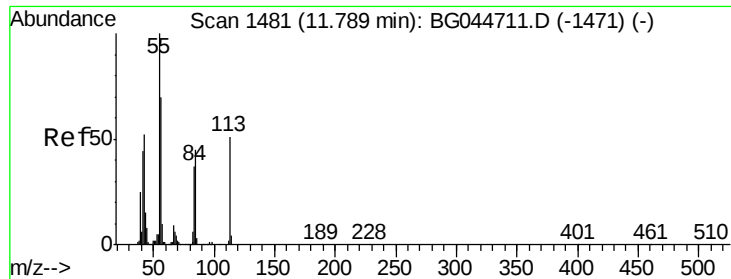
mohammad
3/25/2020 12:27:37 PM



#34
Hexachlorobutadiene
Concen: 44.820 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.1	47.4	71.0		
227	62.9	50.8	76.2		





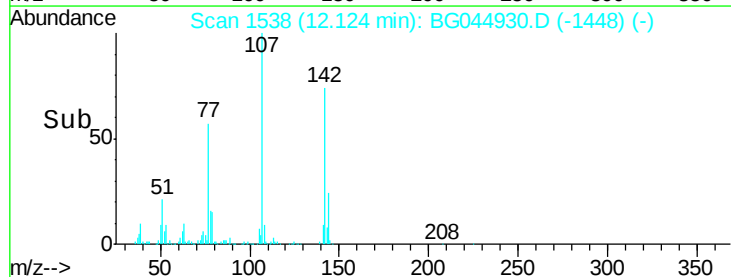
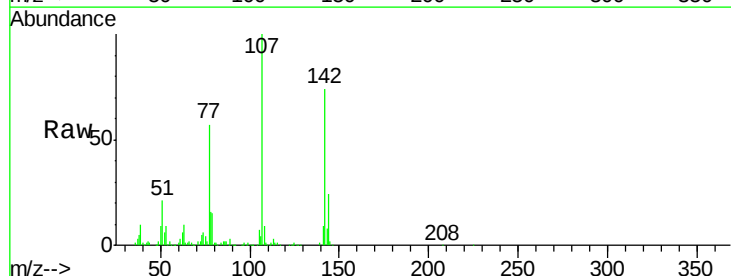
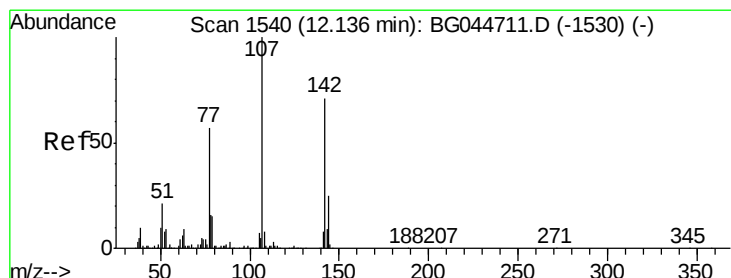
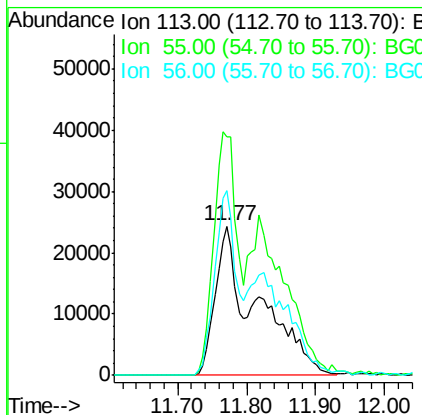
#35
Caprolactam
Concen: 45.129 ng/ml
RT: 11.77 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleID :
PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	160.1	173.8	213.8#	
56	123.9	113.8	153.8	

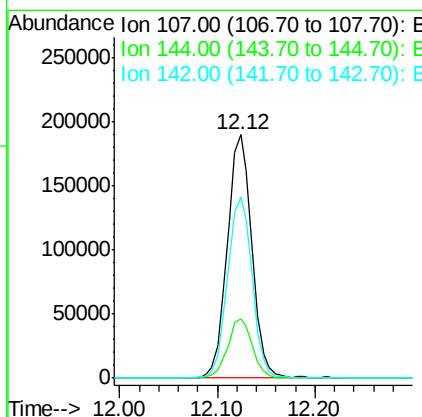
Manual Integrations
APPROVED

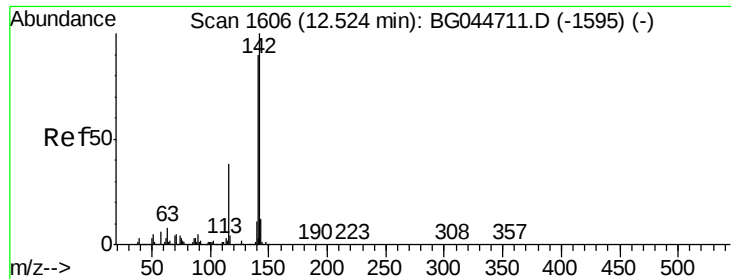
mohammad
3/25/2020 12:27:37 PM



#36
4-Chloro-3-methylphenol
Concen: 46.348 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.4	18.0	27.0	
142	74.5	59.0	88.4	





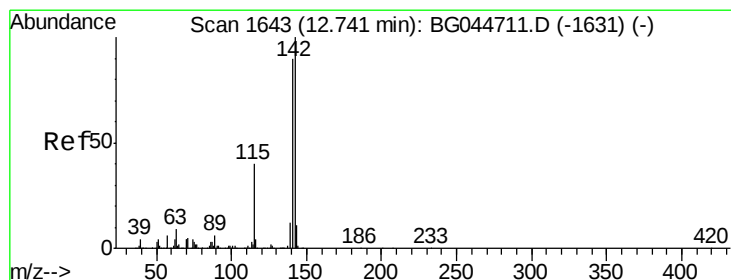
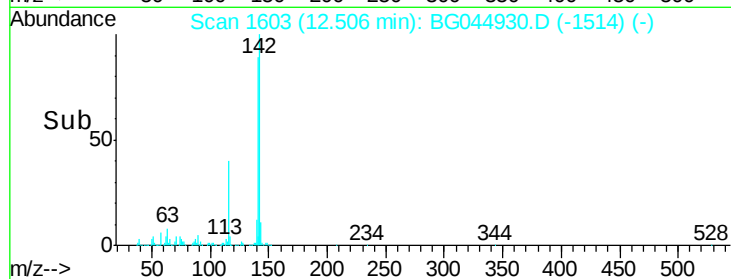
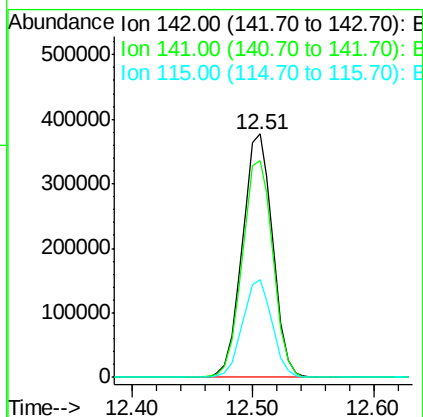
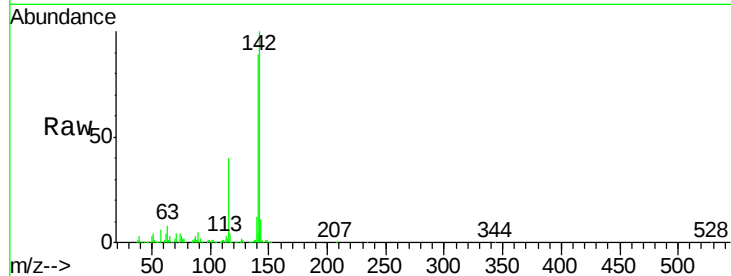
#37
2-Methylnaphthalene
Concen: 44.866 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	75.1	112.7
115	40.2	30.6	46.0

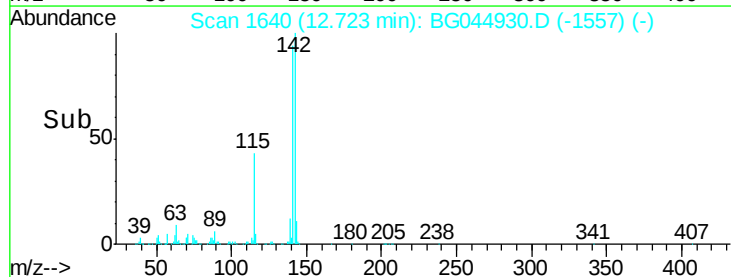
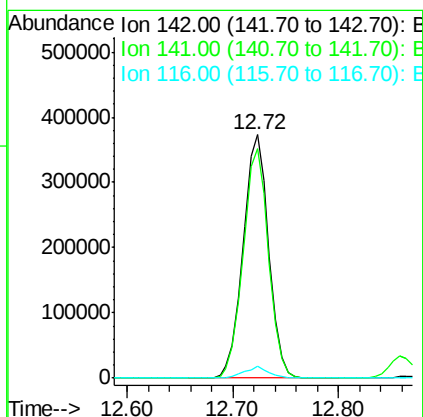
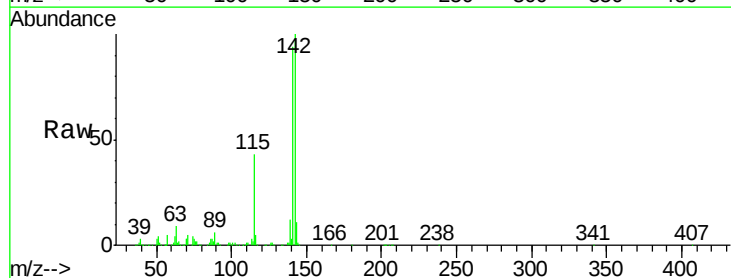
Manual Integrations
APPROVED

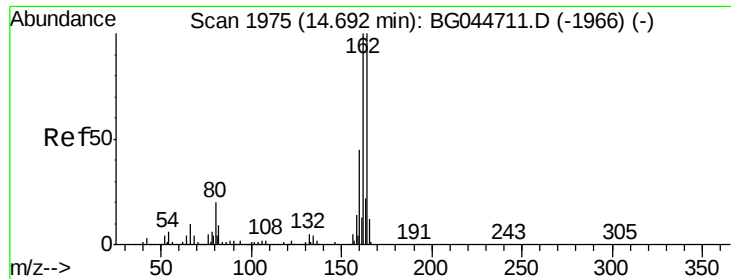
mohammad
3/25/2020 12:27:37 PM



#38
1-Methylnaphthalene
Concen: 45.099 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.7	112.1
116	4.7	3.3	4.9





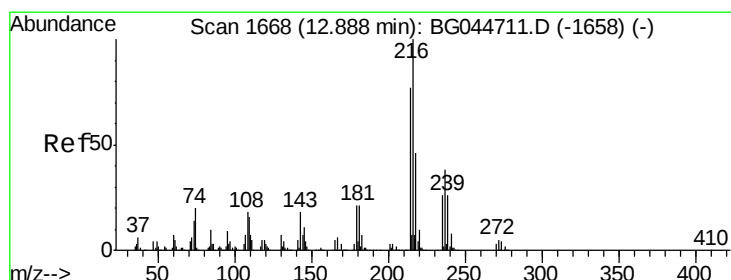
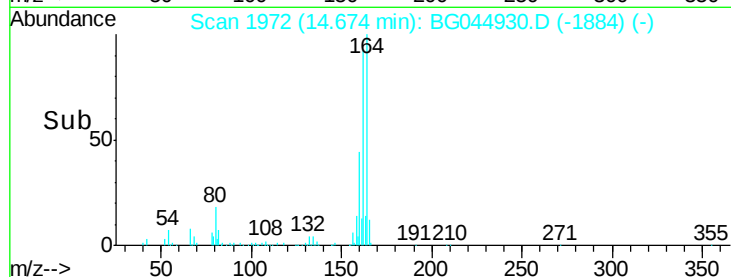
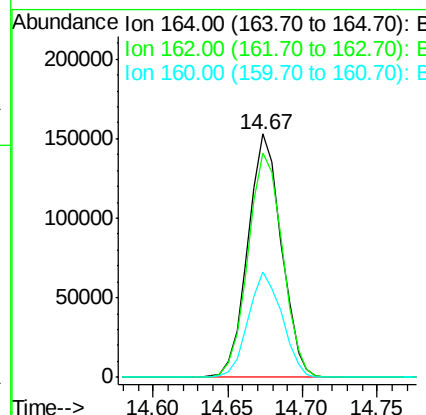
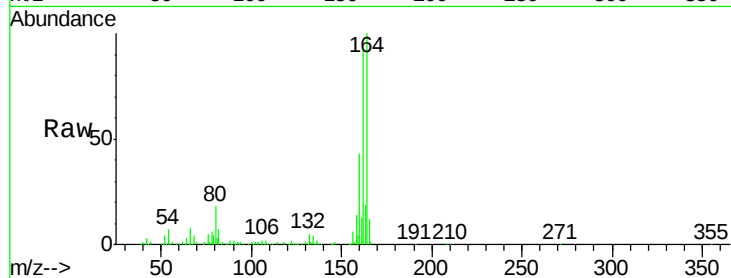
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.2	76.7	115.1
160	43.2	35.0	52.4

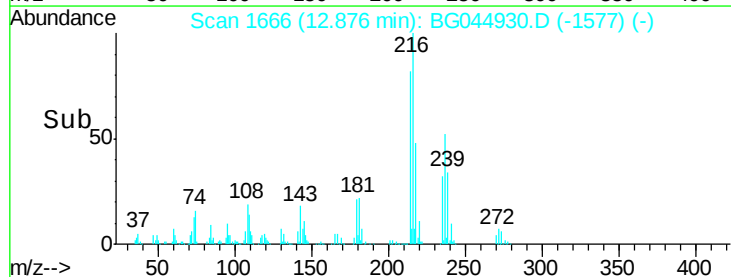
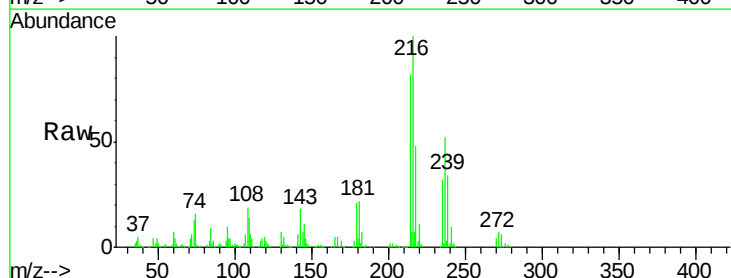
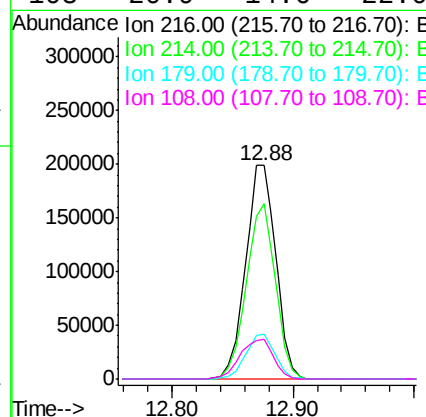
Manual Integrations
APPROVED

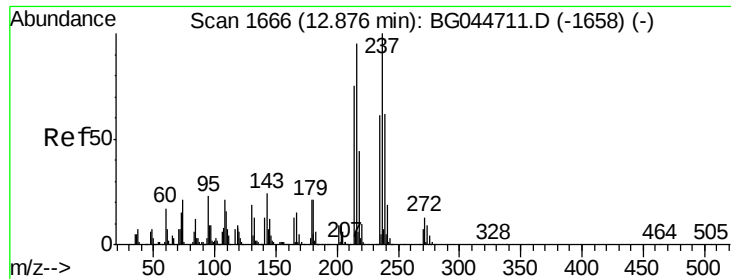
mohammad
3/25/2020 12:27:37 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.278 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	20.2	16.2	24.2
108	20.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 109.886 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

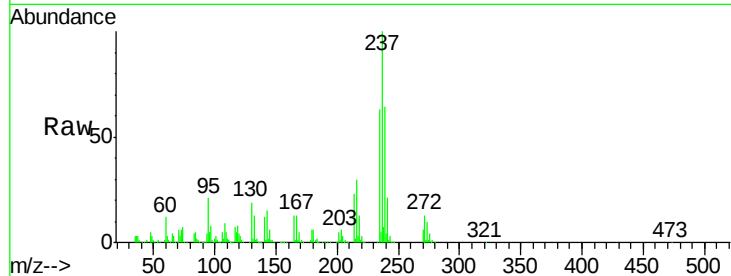
ClientSampleId :

PB127768BS

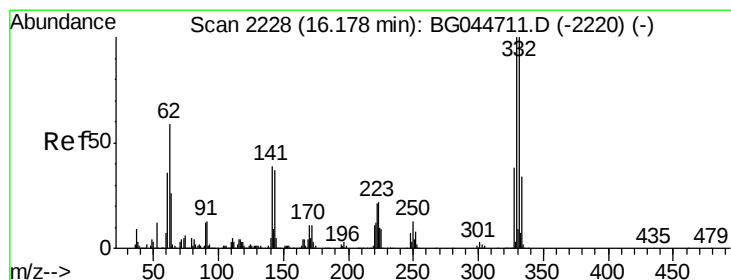
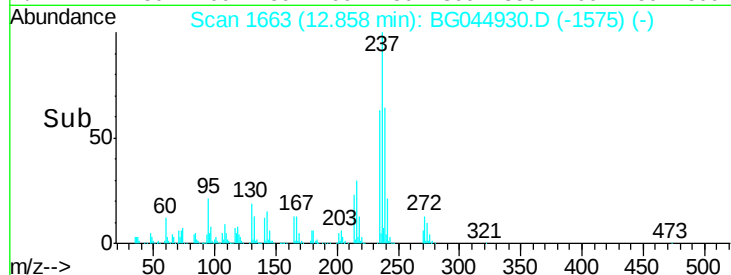
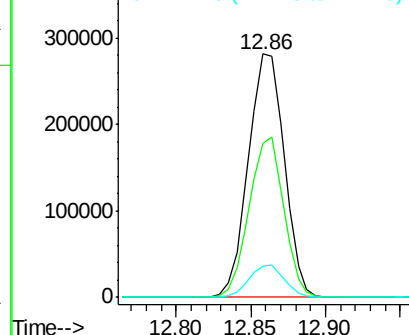
Tot Ion:	237	Resp:	468783
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.9	82.9
272	12.9	0.0	31.6

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



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



#42

2,4,6-Tribromophenol

Concen: 134.691 ng

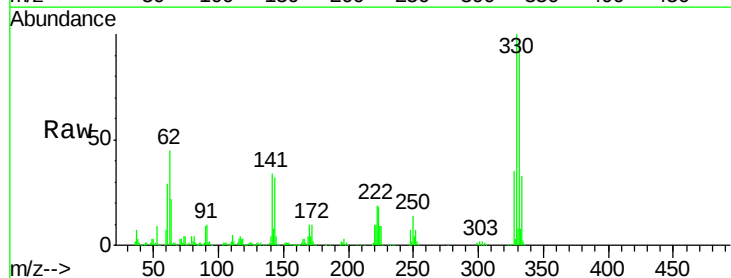
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

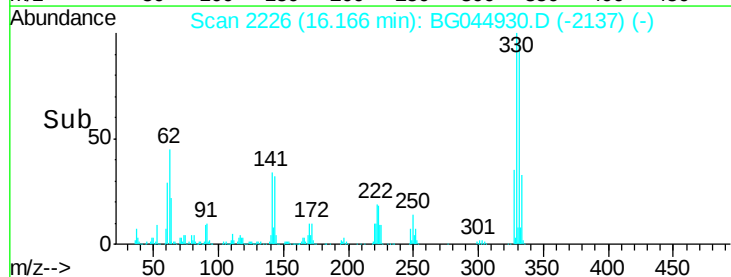
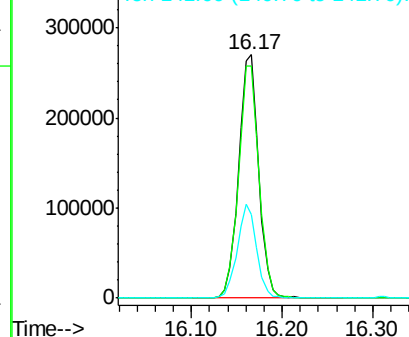
Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	330	Resp:	418018
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.8	116.6
141	37.1	29.5	44.3



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





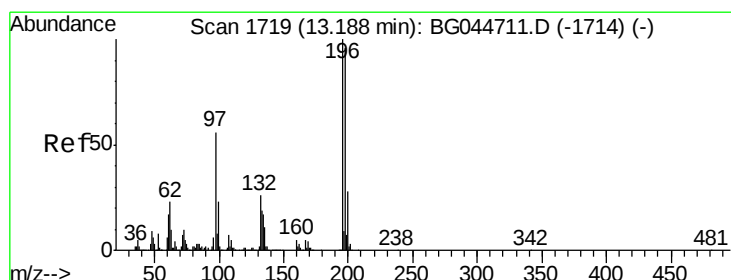
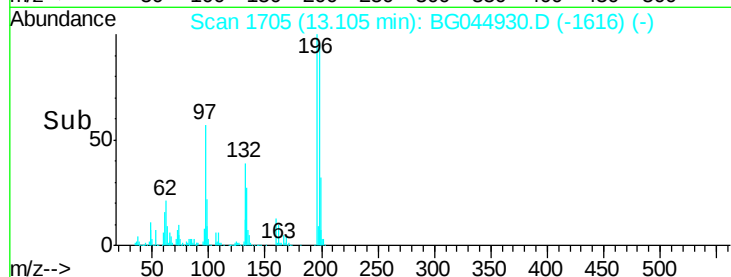
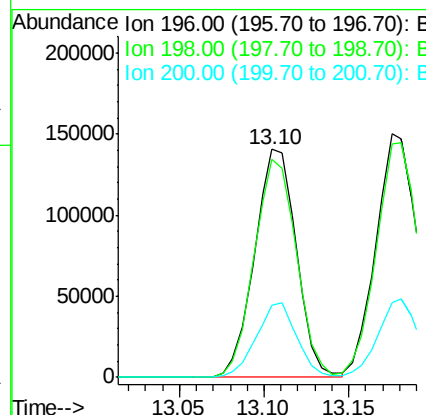
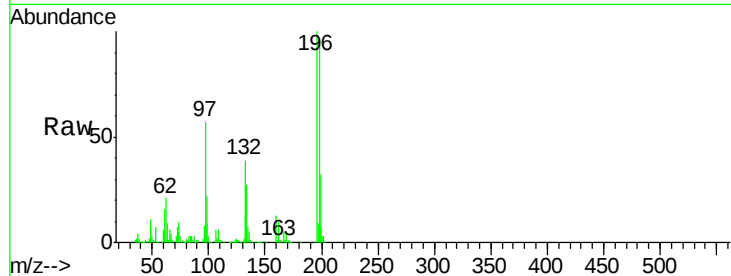
#43
 2,4,6-Trichlorophenol
 Concen: 46.634 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.9	112.3
200	31.7	25.8	38.6

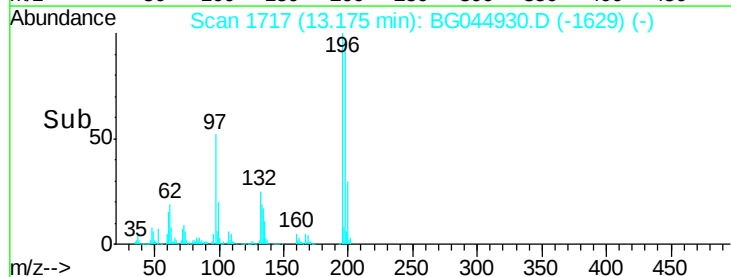
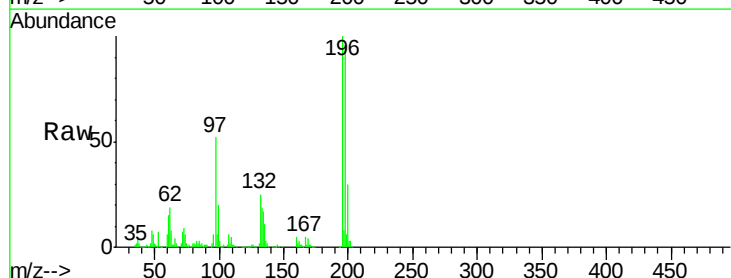
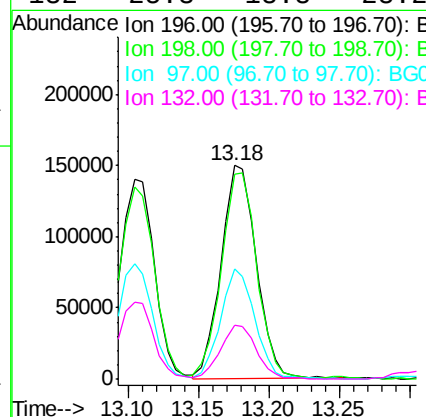
Manual Integrations
 APPROVED

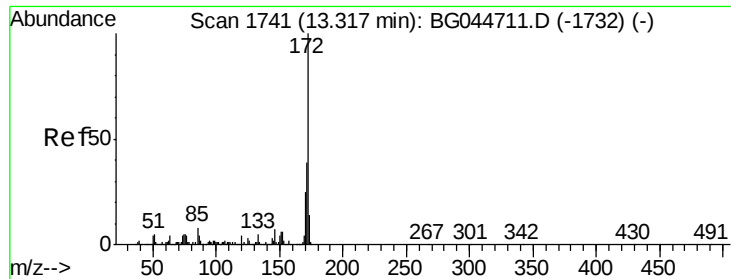
mohammad
 3/25/2020 12:27:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.459 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
97	51.8	36.7	55.1
132	25.3	18.8	28.2





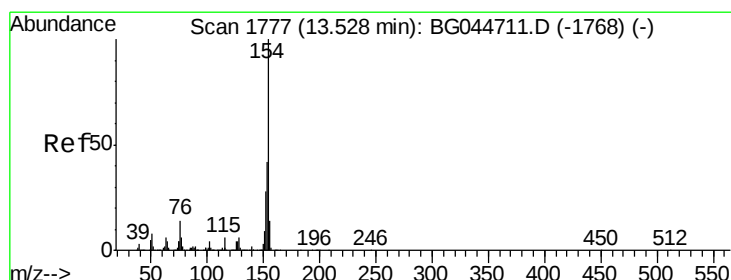
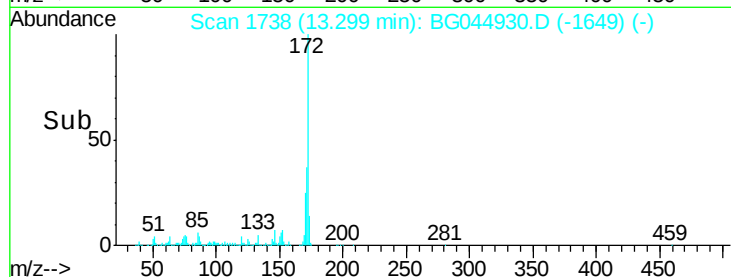
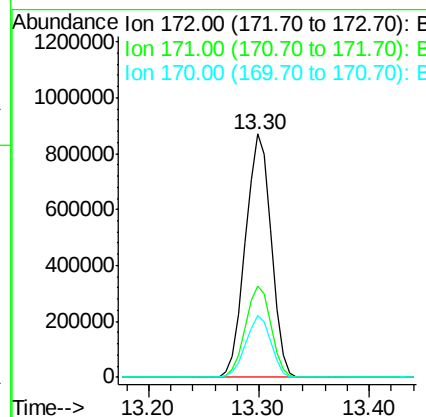
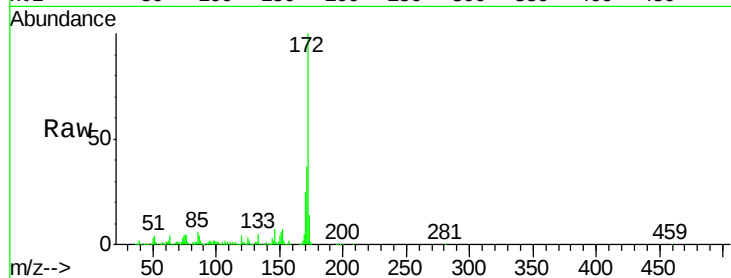
#45
 2-Fluorobiphenyl
 Concen: 86.441 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	25.2	19.0	28.6

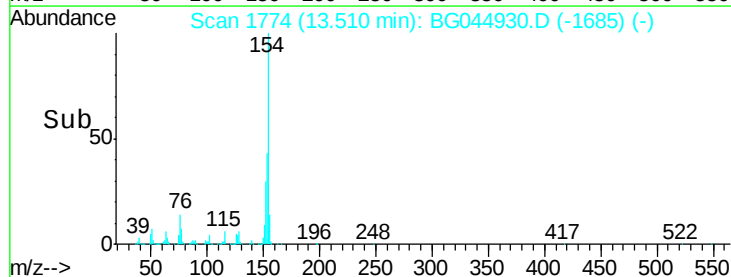
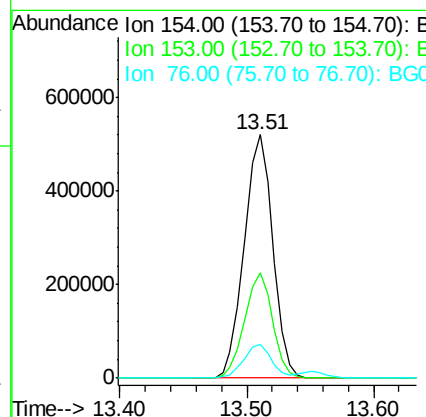
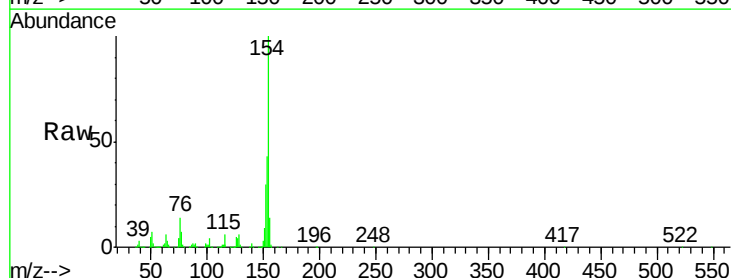
Manual Integrations
 APPROVED

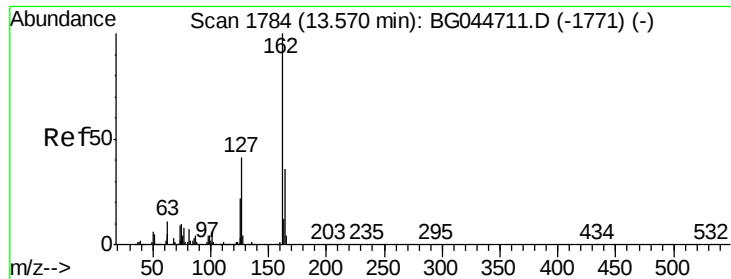
mohammad
 3/25/2020 12:27:37 PM



#46
 1,1'-Biphenyl
 Concen: 42.816 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.9	62.9
76	14.1	0.0	34.6





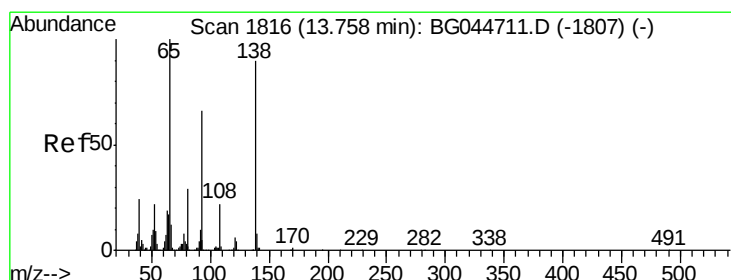
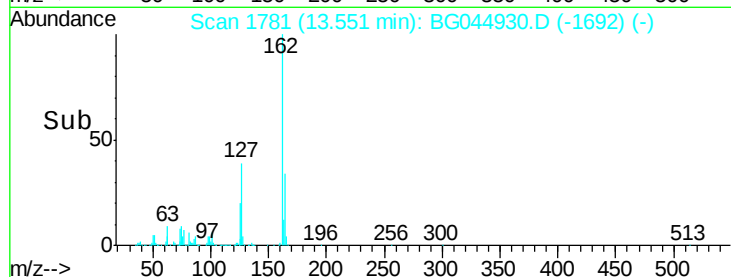
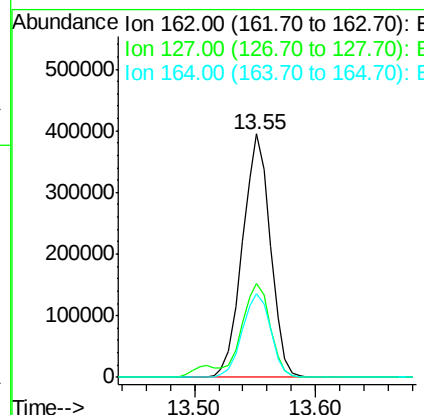
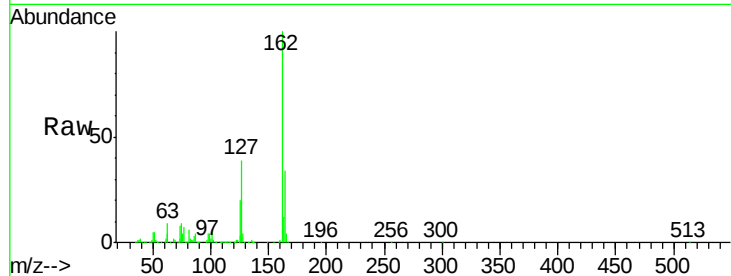
#47
2-Chloronaphthalene
Concen: 43.900 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.1	49.7
164	34.5	27.4	41.2

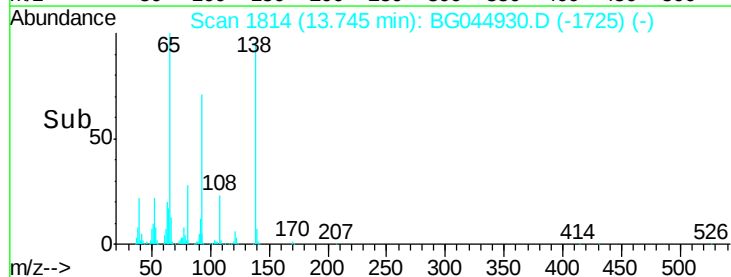
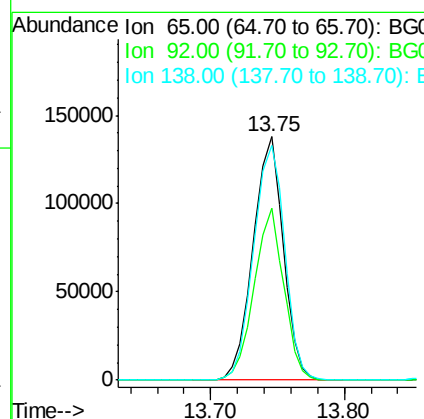
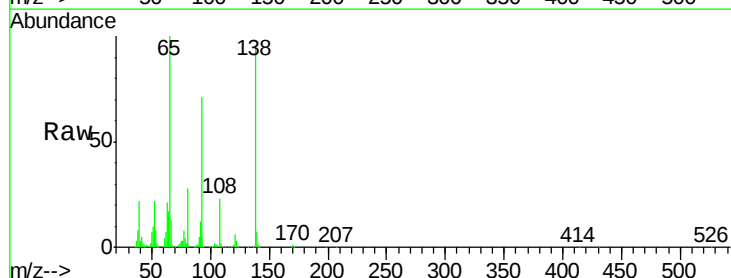
Manual Integrations
APPROVED

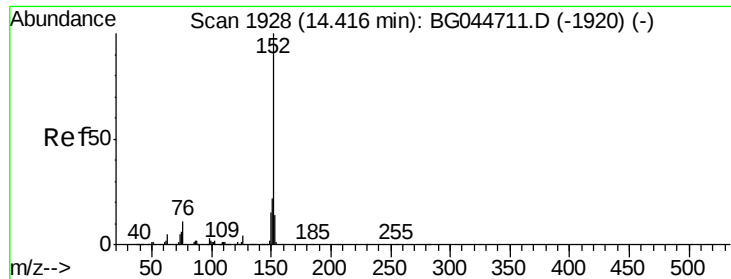
mohammad
3/25/2020 12:27:37 PM



#48
2-Nitroaniline
Concen: 42.425 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	52.6	79.0
138	96.5	78.3	117.5





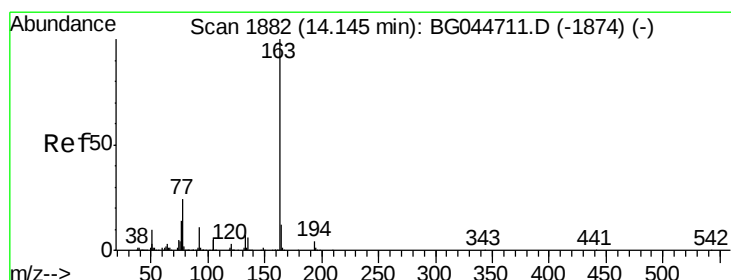
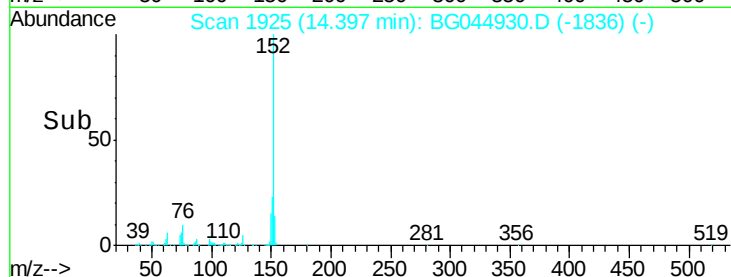
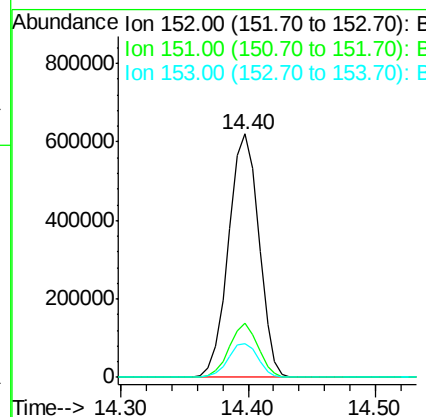
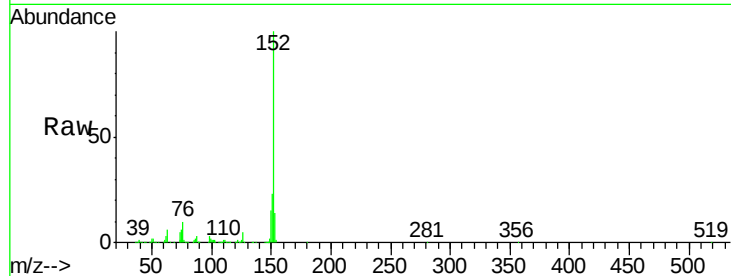
#49
Acenaphthylene
Concen: 45.341 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.8	25.2
153	13.6	10.8	16.2

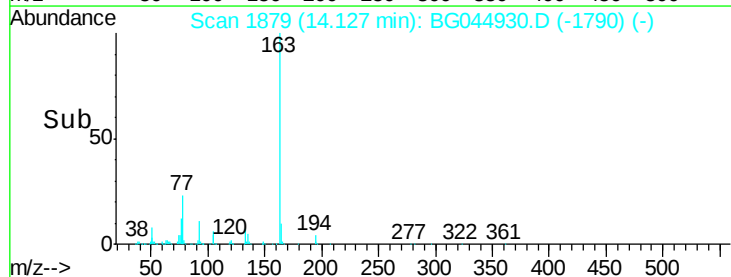
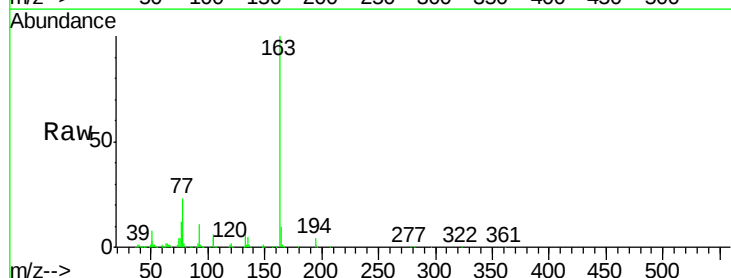
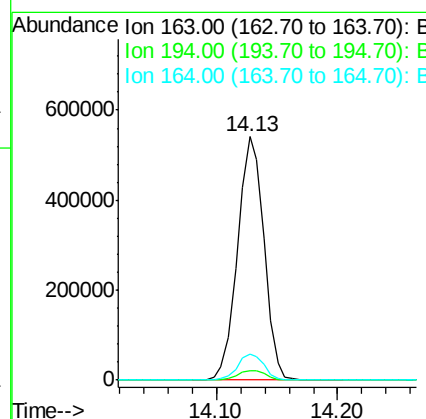
Manual Integrations
APPROVED

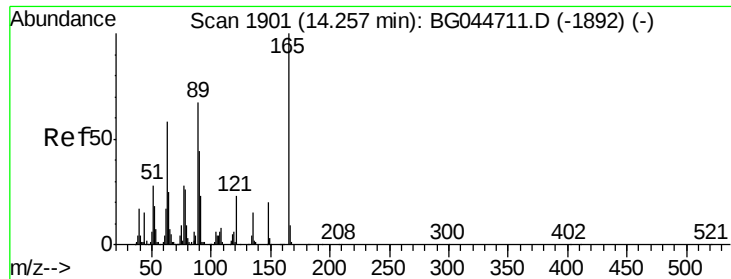
mohammad
3/25/2020 12:27:37 PM



#50
Dimethylphthalate
Concen: 43.621 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.5	9.1	13.7





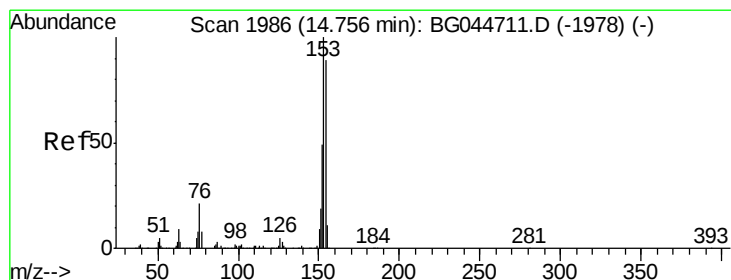
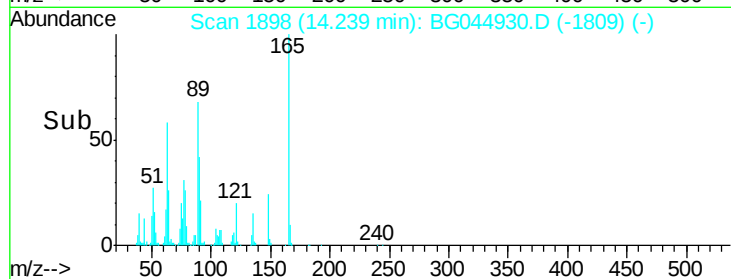
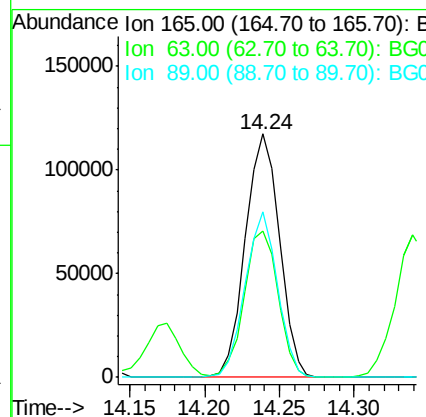
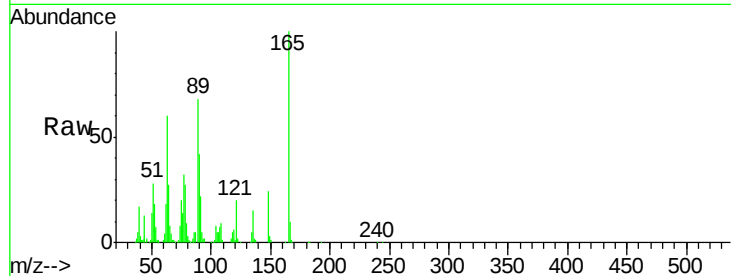
#51
2,6-Dinitrotoluene
Concen: 48.825 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.0	45.8	68.8
89	67.8	51.8	77.6

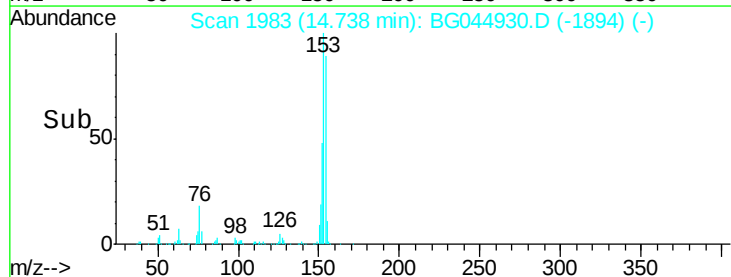
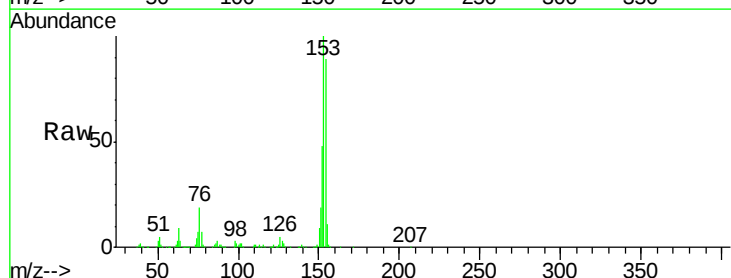
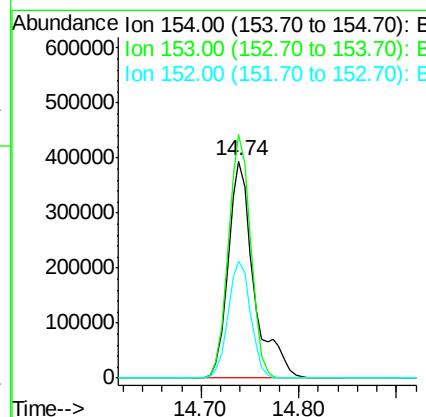
Manual Integrations
APPROVED

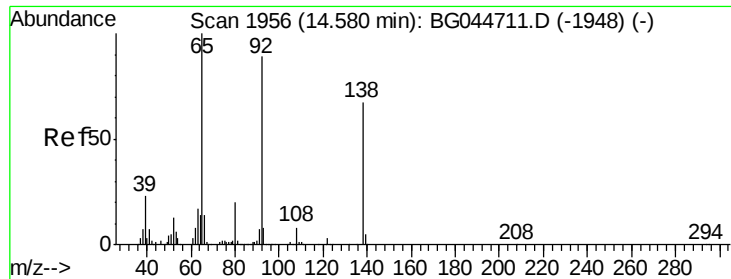
mohammad
3/25/2020 12:27:37 PM



#52
Acenaphthene
Concen: 48.567 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.6
152	53.6	43.0	64.6





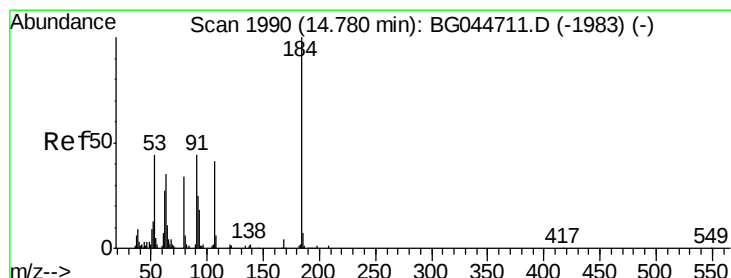
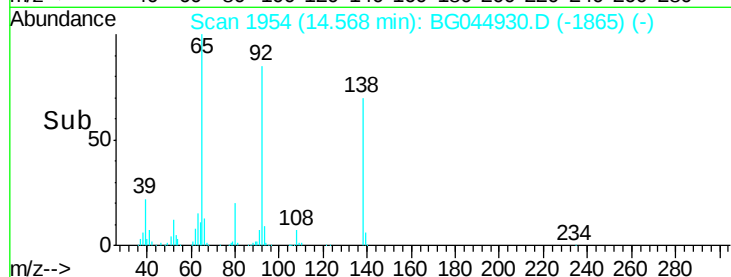
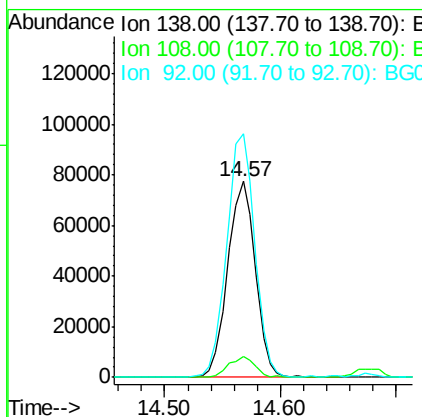
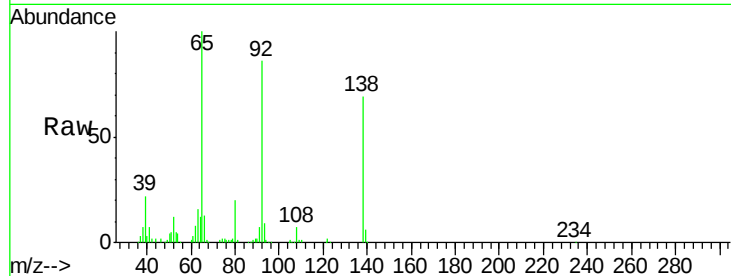
#53
3-Nitroaniline
Concen: 29.434 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	124.1	96.8	145.2

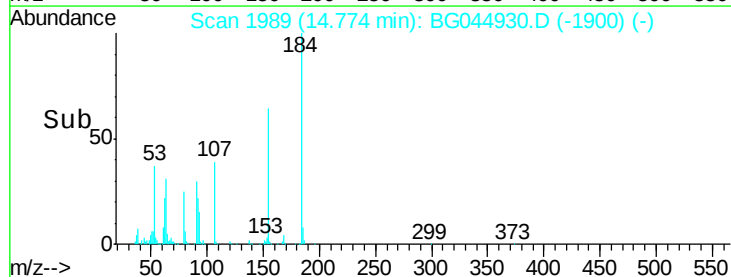
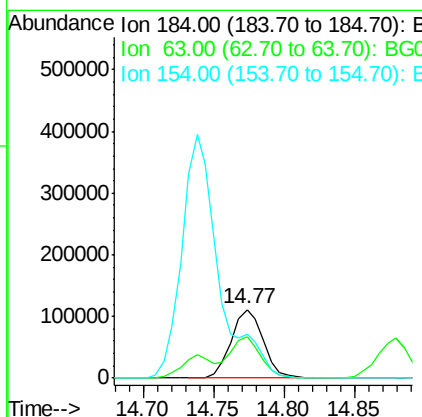
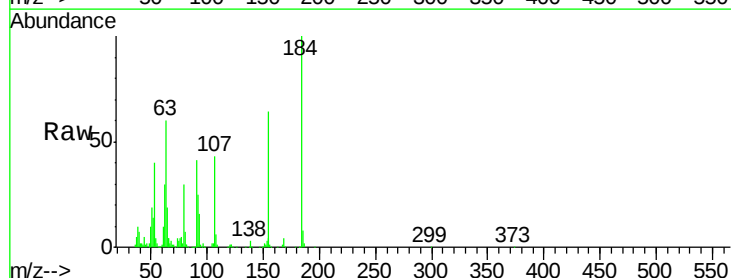
Manual Integrations
APPROVED

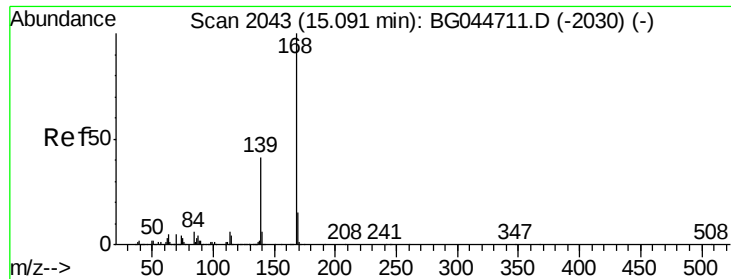
mohammad
3/25/2020 12:27:37 PM



#54
2,4-Dinitrophenol
Concen: 87.904 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	45.5	68.3
154	64.0	49.1	73.7





#55

Dibenzofuran

Concen: 45.222 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

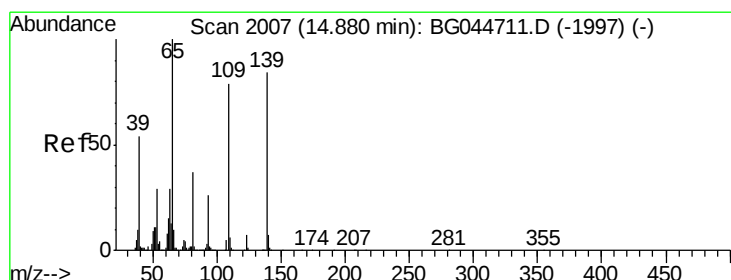
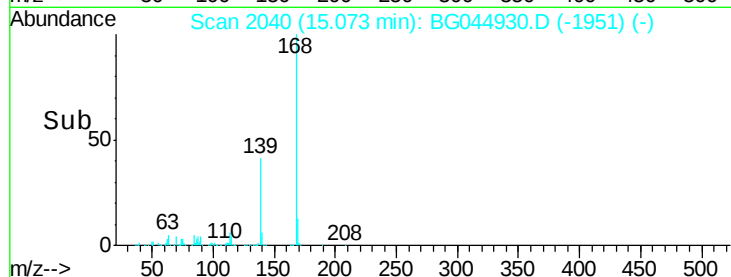
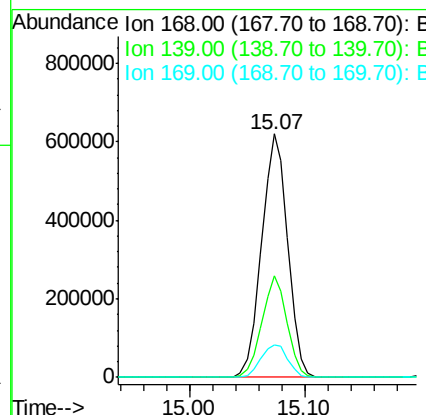
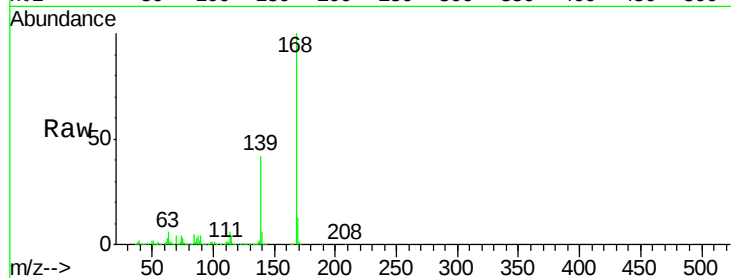
ClientSampleId :

PB127768BS

Tot Ion:	168	Resp:	973569
Ion Ratio	Lower	Upper	
168	100		
139	41.5	31.4	47.0
169	13.3	11.1	16.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#56

4-Nitrophenol

Concen: 90.760 ng

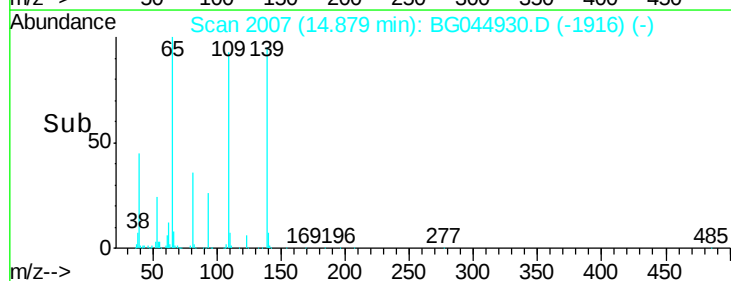
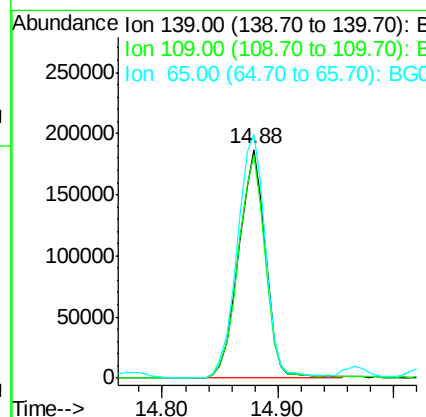
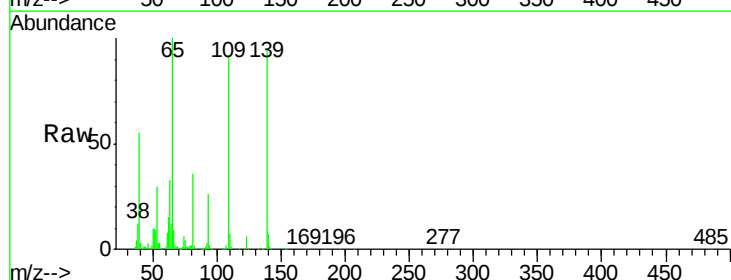
RT: 14.88 min Scan# 2007

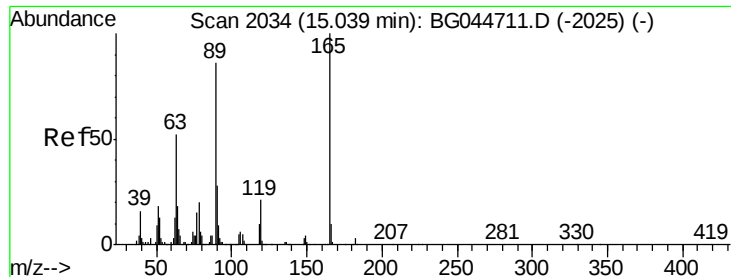
Delta R.T. 0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	139	Resp:	303037
Ion Ratio	Lower	Upper	
139	100		
109	97.6	68.8	108.8
65	106.6	92.5	132.5





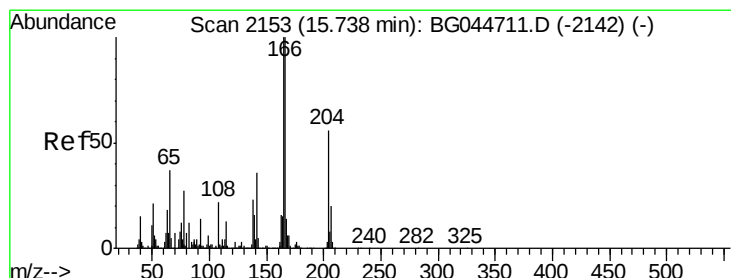
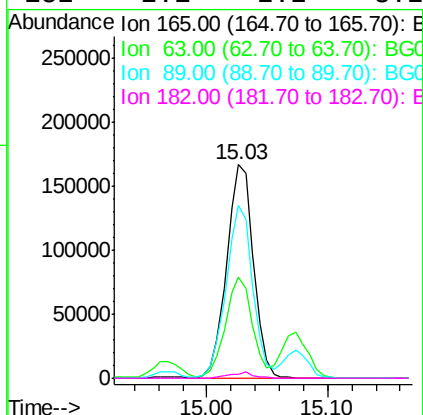
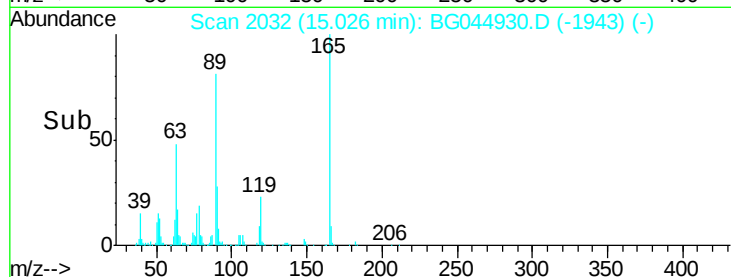
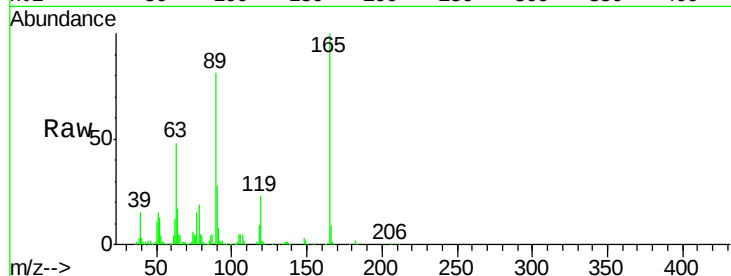
#57
2,4-Dinitrotoluene
Concen: 49.484 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258251		
63	47.5	34.6	52.0	
89	80.9	61.3	91.9	
182	2.1	2.2	3.2	#

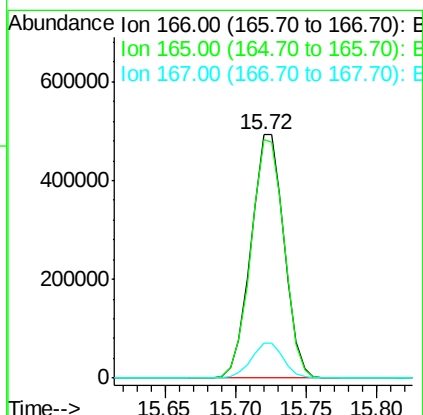
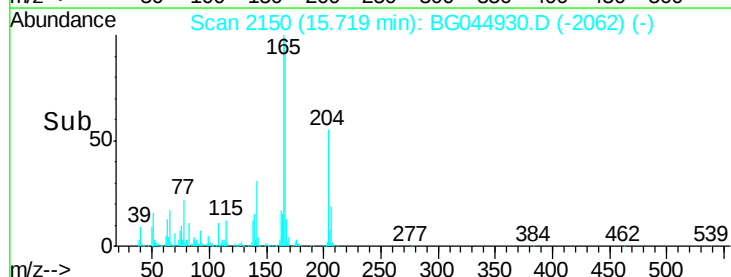
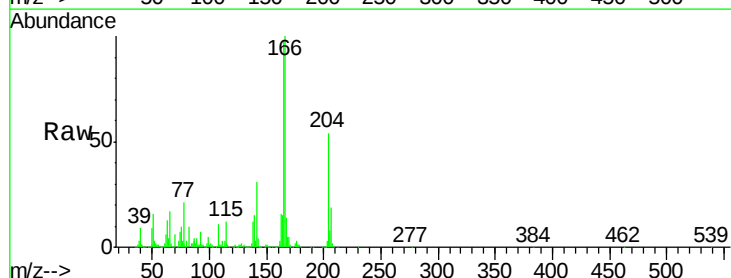
Manual Integrations
APPROVED

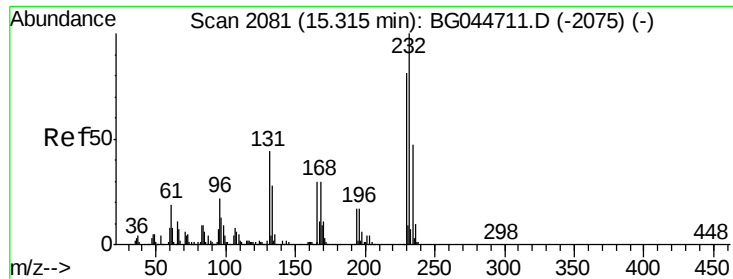
mohammad
3/25/2020 12:27:37 PM



#58
Fluorene
Concen: 45.675 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	808885		
165	98.1	79.7	119.5	
167	14.2	10.6	16.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.616 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

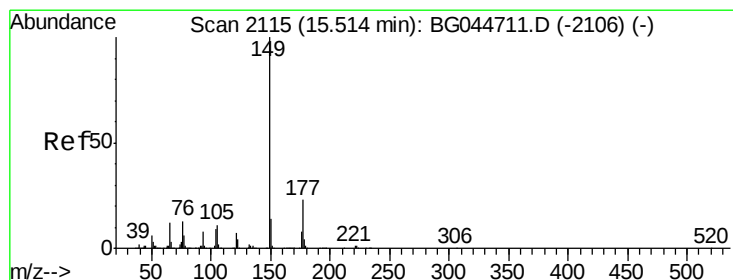
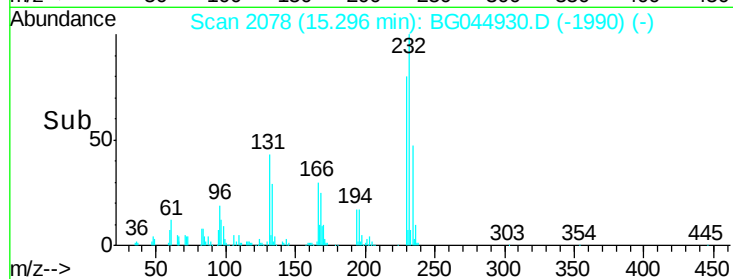
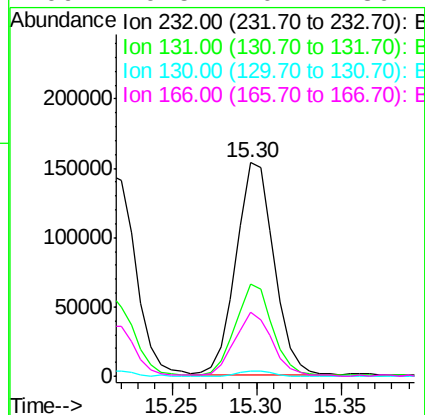
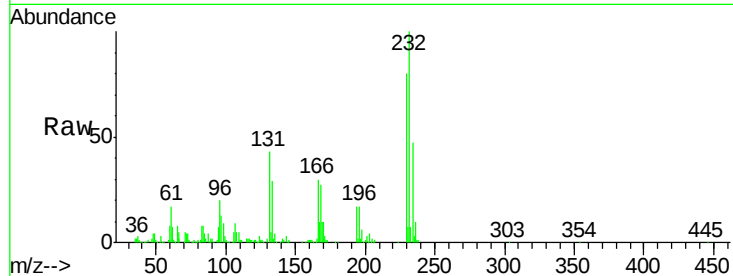
ClientSampleId :

PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	240471		
131	42.4	31.8	47.8	
130	2.4	2.2	3.2	
166	29.5	20.2	30.2	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#60

Diethylphthalate

Concen: 42.577 ng

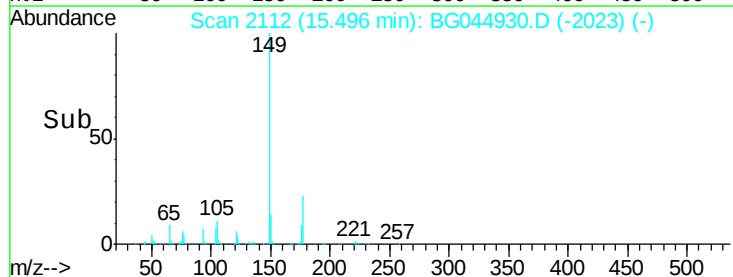
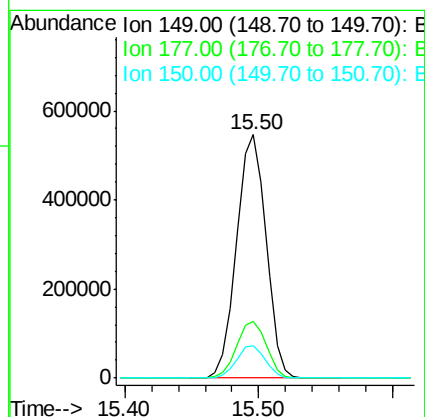
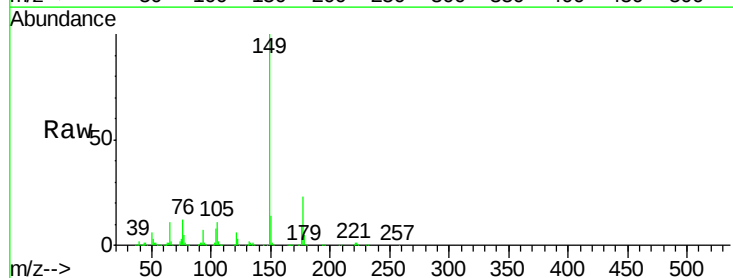
RT: 15.50 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	838327		
177	23.3	19.3	28.9	
150	13.5	11.0	16.6	





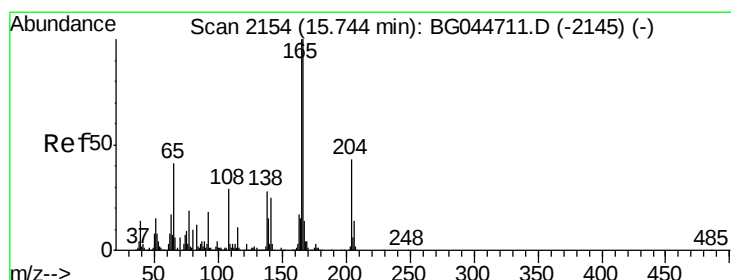
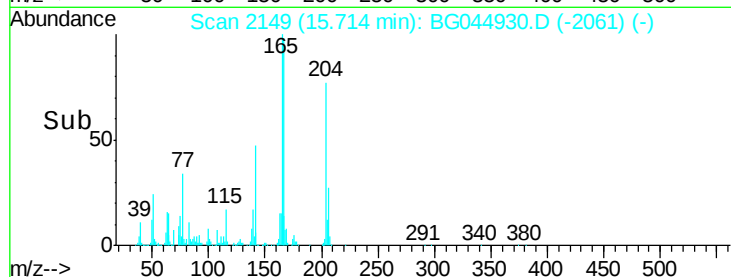
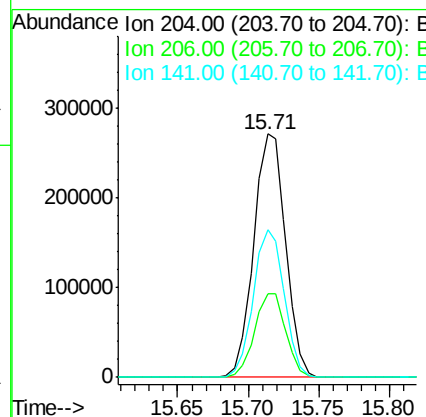
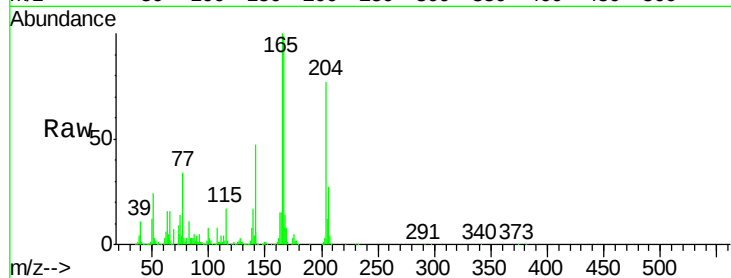
#61
4-Chlorophenyl-phenylether
Concen: 45.143 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	60.4	47.7	71.5

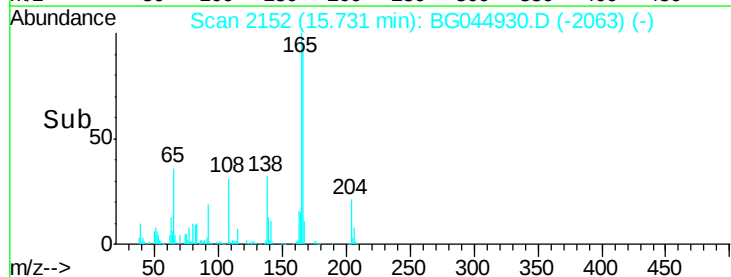
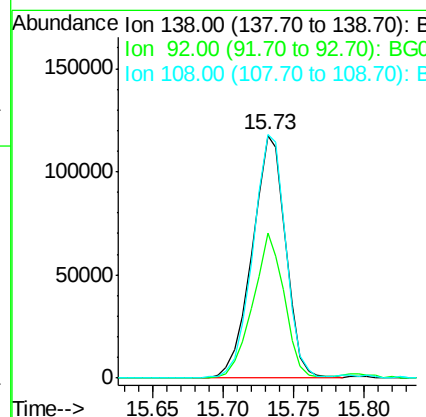
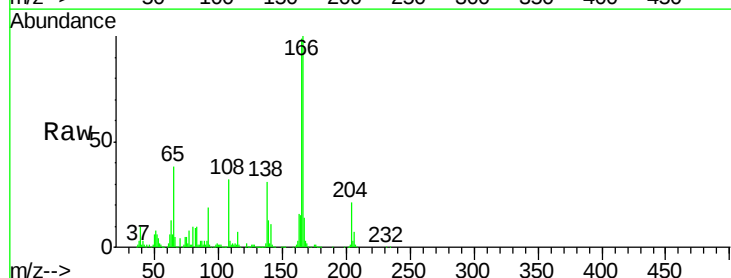
Manual Integrations
APPROVED

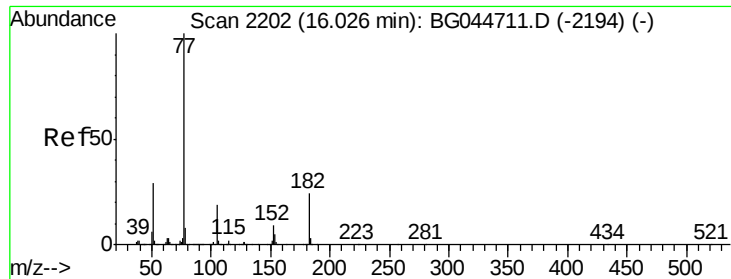
mohammad
3/25/2020 12:27:37 PM



#62
4-Nitroaniline
Concen: 41.984 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.8	34.5	74.5
108	100.3	74.5	114.5





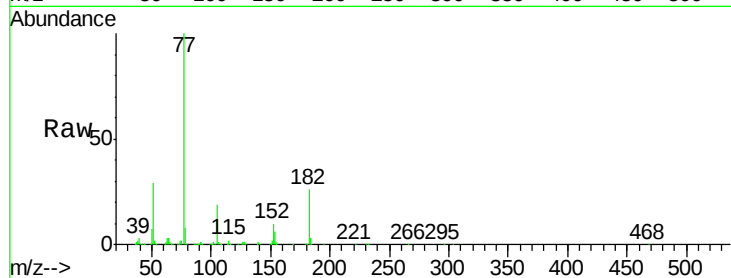
#63
Azobenzene
Concen: 41.912 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	6.4	46.4	
105	19.4	0.0	39.1	
51	29.3	7.3	47.3	

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM

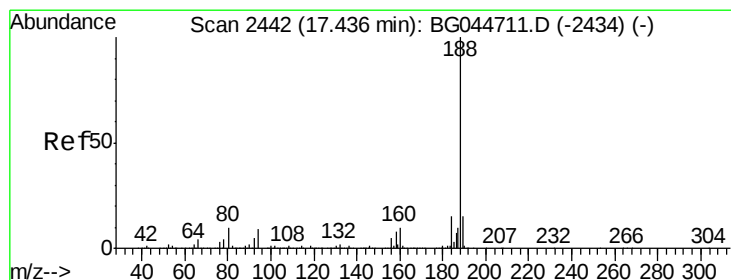
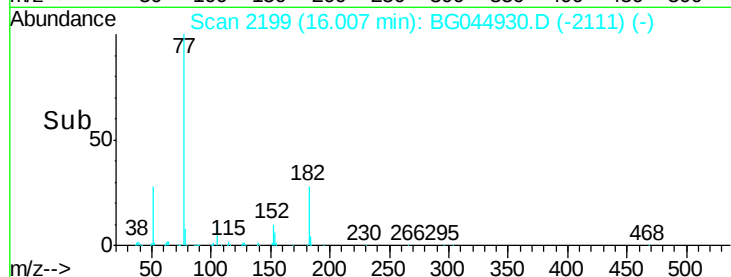
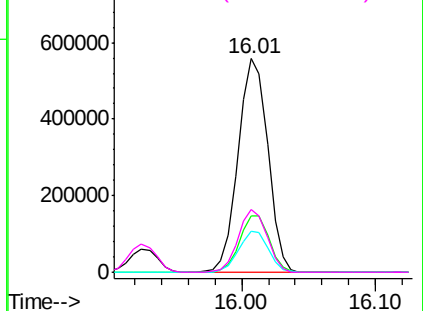


Abundance Ion 77.00 (76.70 to 77.70): BG044930.D (-2199) (-)

Ion 182.00 (181.70 to 182.70): BG044930.D (-2199) (-)

Ion 105.00 (104.70 to 105.70): BG044930.D (-2199) (-)

Ion 51.00 (50.70 to 51.70): BG044930.D (-2199) (-)



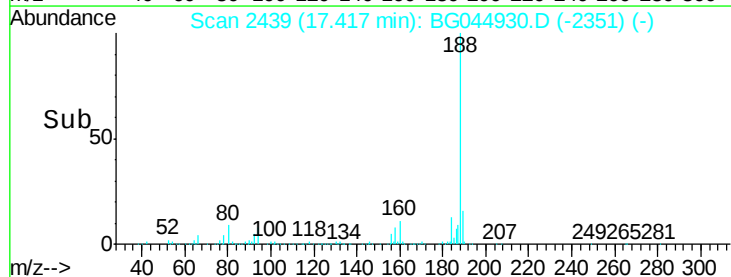
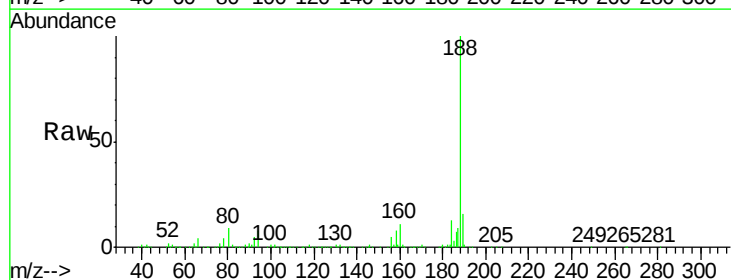
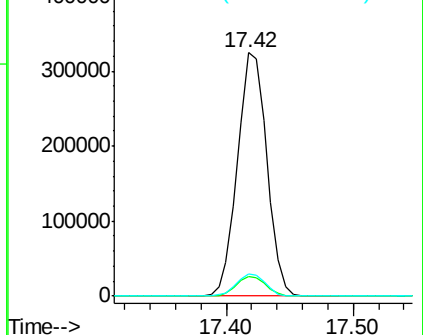
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

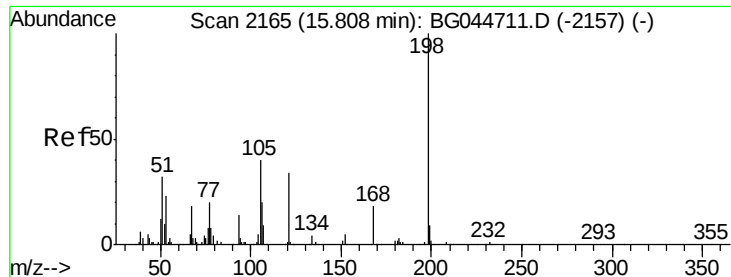
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.3	10.9	
80	9.0	8.0	12.0	

Abundance Ion 188.00 (187.70 to 188.70): BG044930.D (-2351) (-)

Ion 94.00 (93.70 to 94.70): BG044930.D (-2351) (-)

Ion 80.00 (79.70 to 80.70): BG044930.D (-2351) (-)





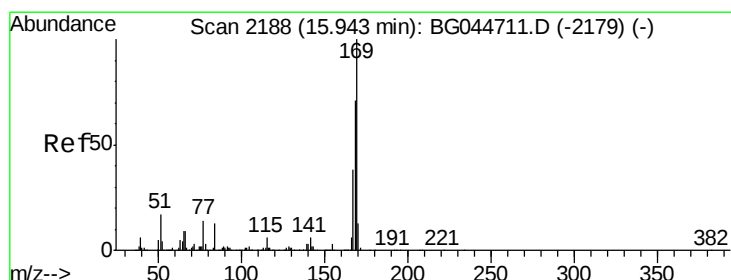
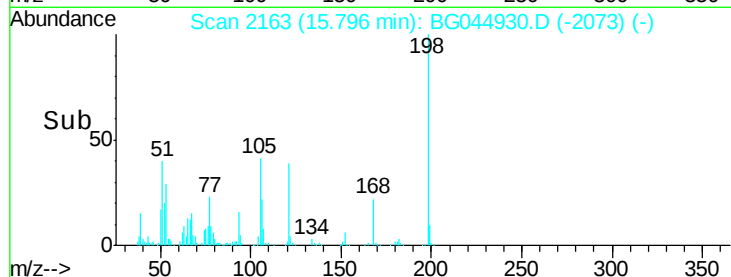
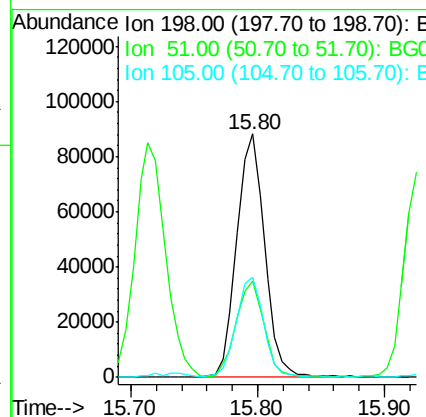
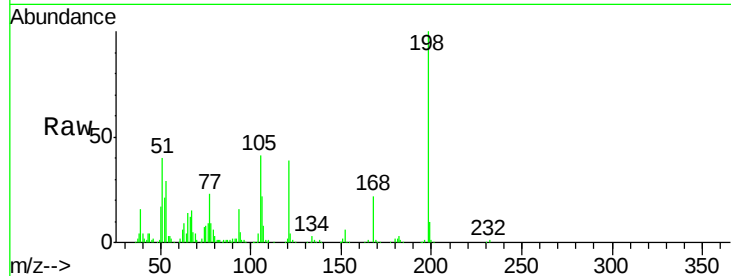
#65
4,6-Dinitro-2-methylphenol
Concen: 53.818 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	134456		
51	39.8	21.1	61.1	
105	41.0	24.5	64.5	

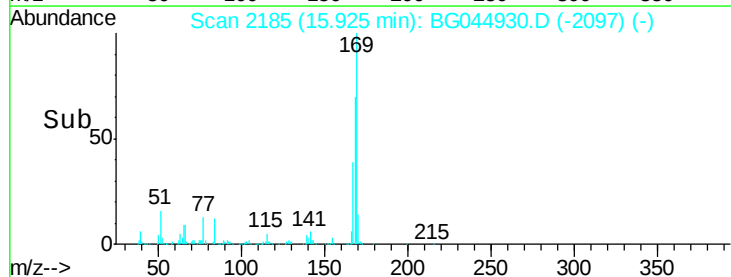
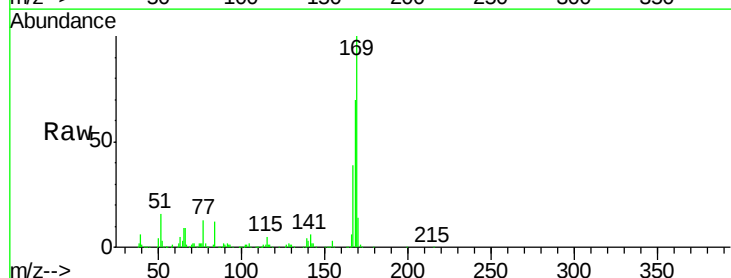
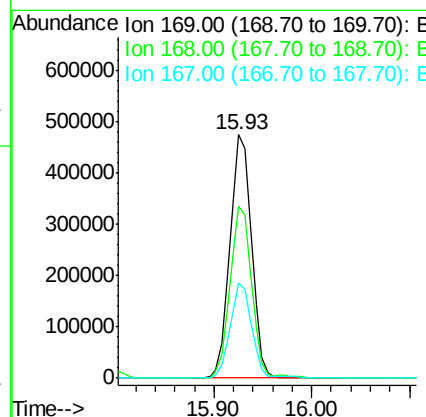
Manual Integrations
APPROVED

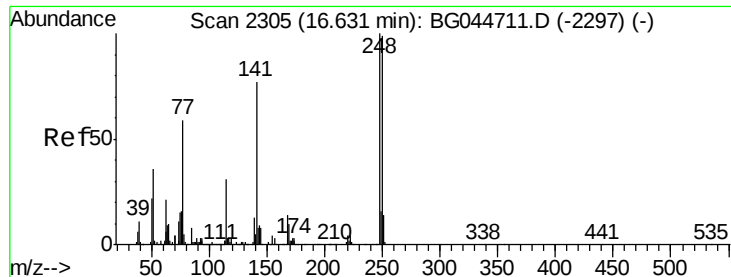
mohammad
3/25/2020 12:27:37 PM



#66
n-Nitrosodiphenylamine
Concen: 46.442 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	727242		
168	70.4	55.4	83.2	
167	38.9	30.1	45.1	





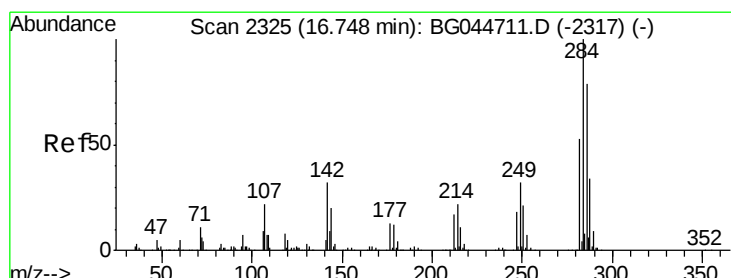
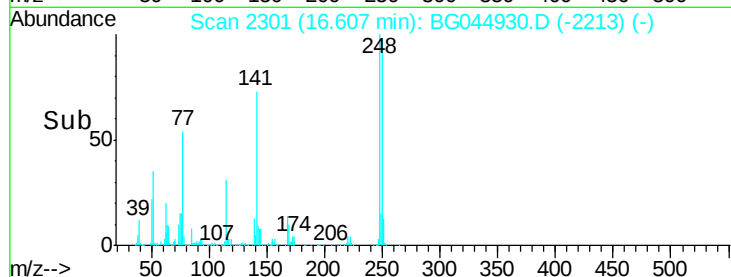
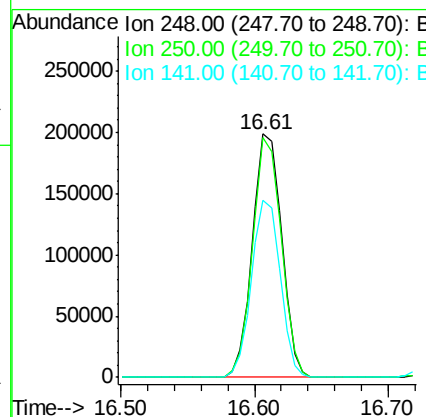
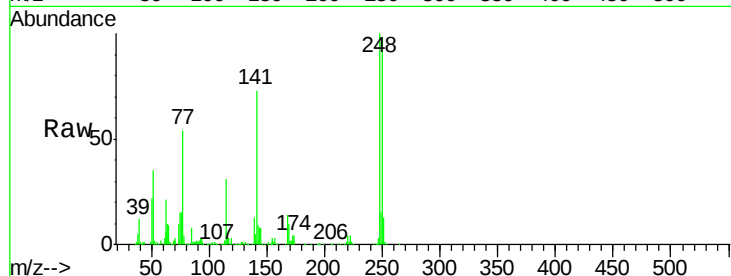
#67
4-Bromophenyl-phenylether
Concen: 46.050 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.9	116.9
141	72.9	57.5	86.3

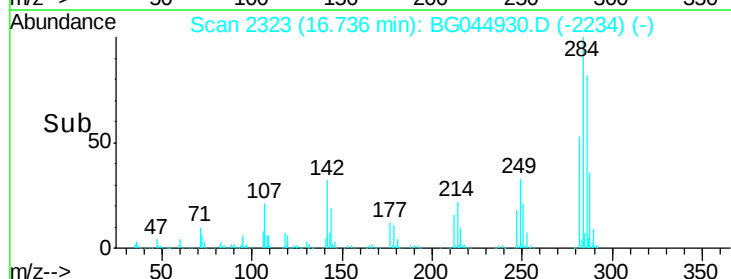
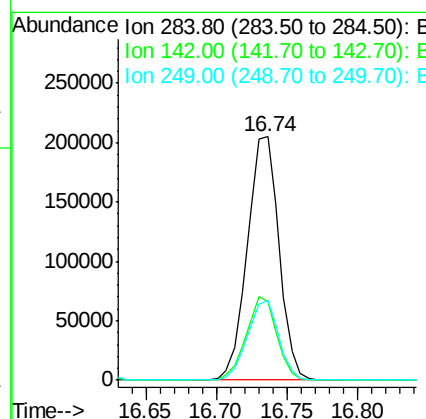
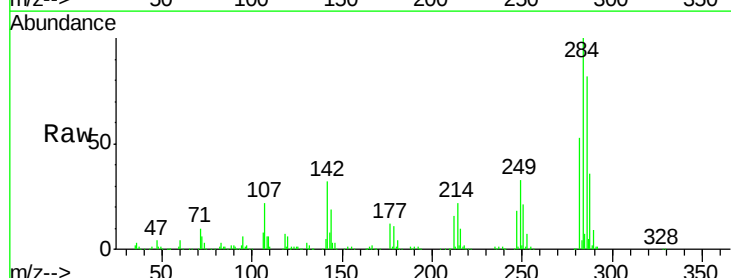
Manual Integrations
APPROVED

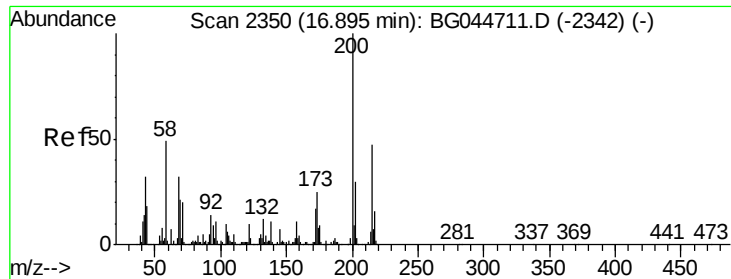
mohammad
3/25/2020 12:27:37 PM



#68
Hexachlorobenzene
Concen: 45.711 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.0	37.6
249	32.7	25.8	38.8





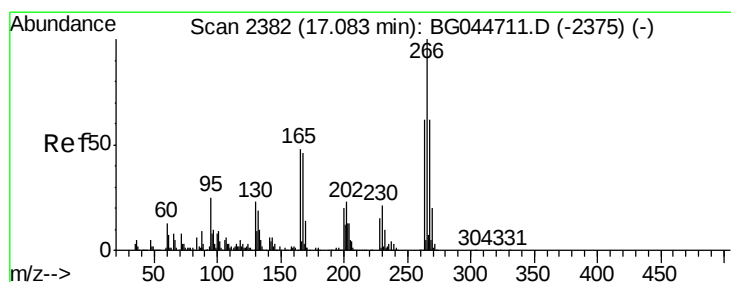
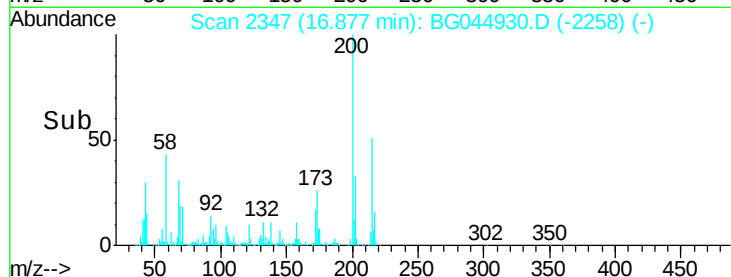
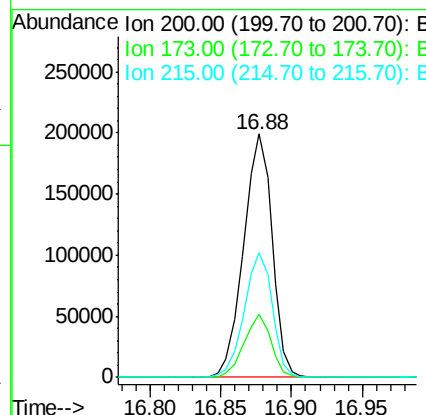
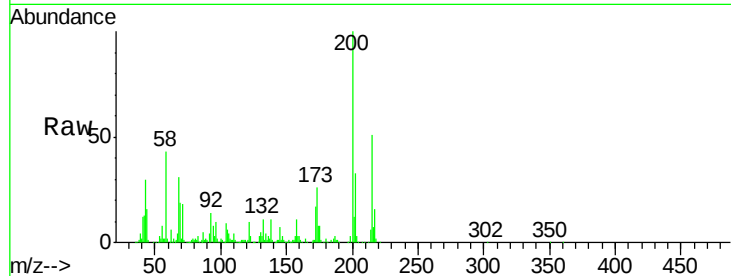
#69
Atrazine
Concen: 49.026 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.3	45.3
215	51.1	28.9	68.9

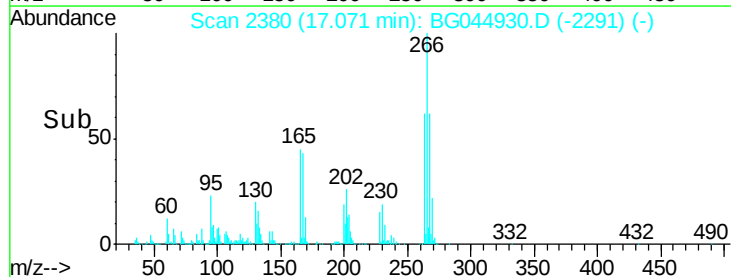
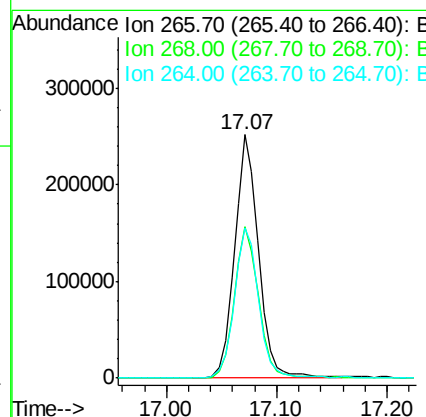
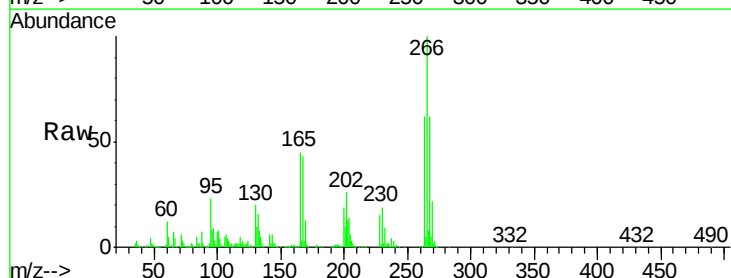
Manual Integrations
APPROVED

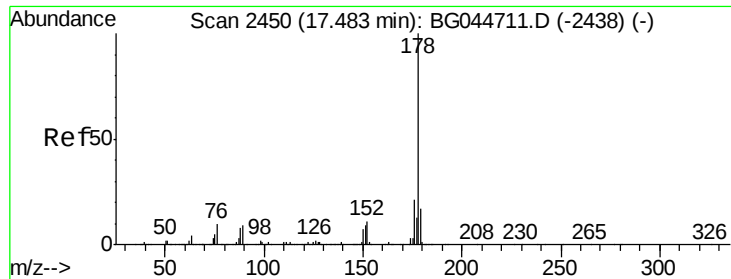
mohammad
3/25/2020 12:27:37 PM



#70
Pentachlorophenol
Concen: 98.415 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.3	75.5
264	61.9	51.4	77.2





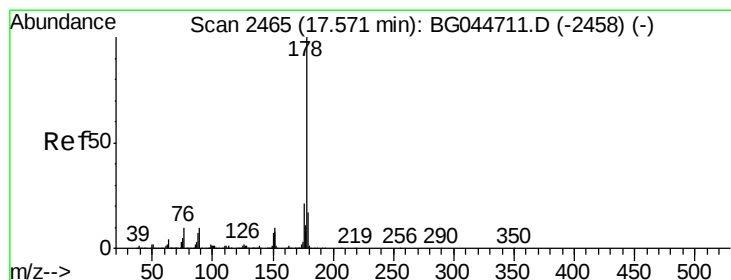
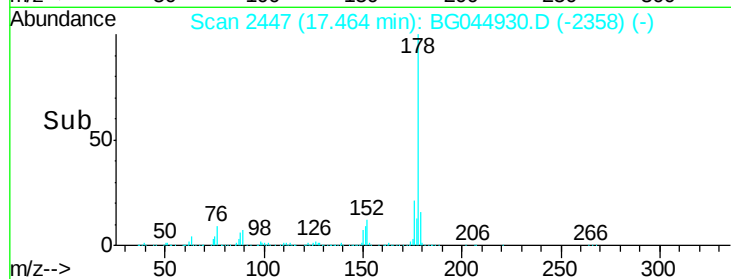
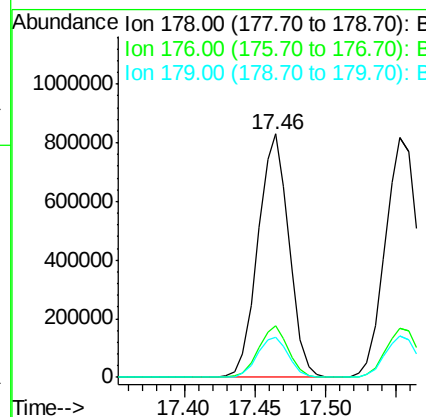
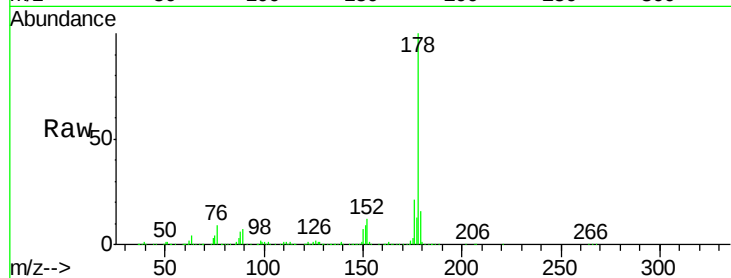
#71
Phenanthrene
Concen: 46.049 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	24.8
179	16.4	13.5	20.3

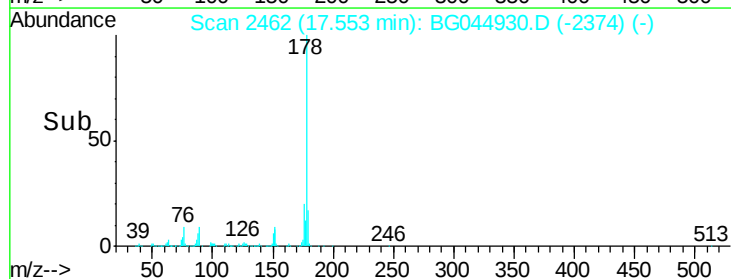
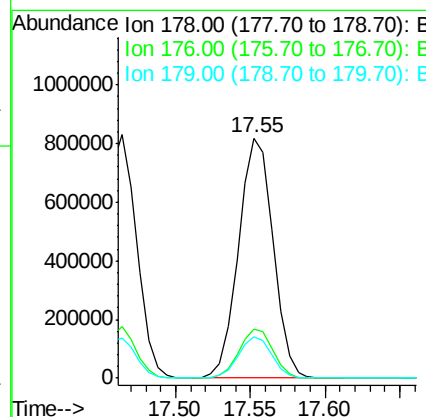
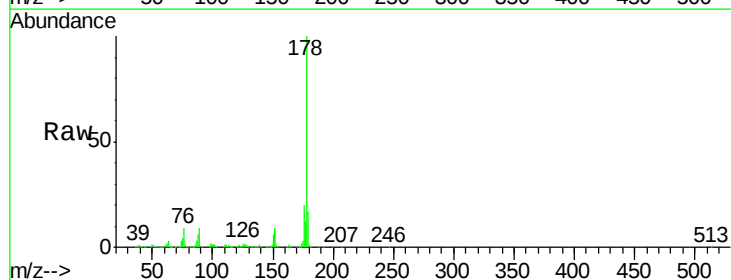
Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#72
Anthracene
Concen: 47.902 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	17.4	13.2	19.8





#73

Carbazole

Concen: 45.852 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

Tot Ion:167 Resp: 1207096

Ion Ratio Lower Upper

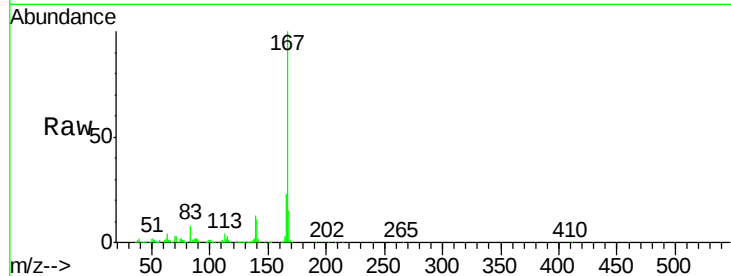
167 100

166 23.4 18.8 28.2

139 13.4 10.8 16.2

Manual Integrations
APPROVED

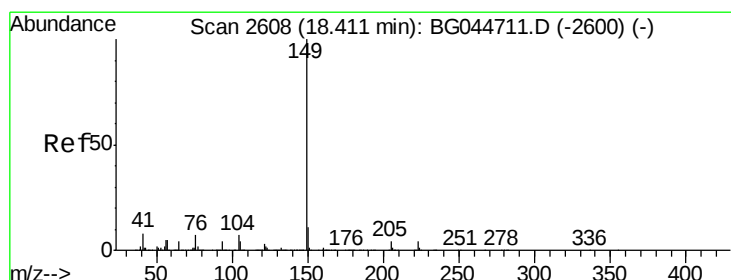
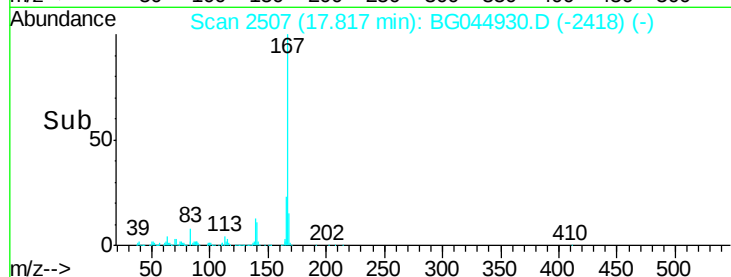
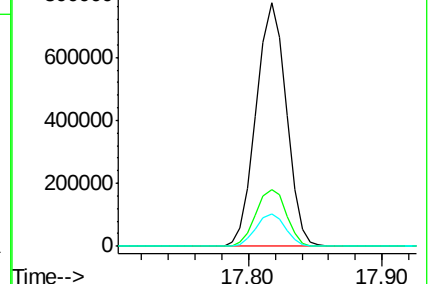
mohammad
3/25/2020 12:27:37 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.808 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

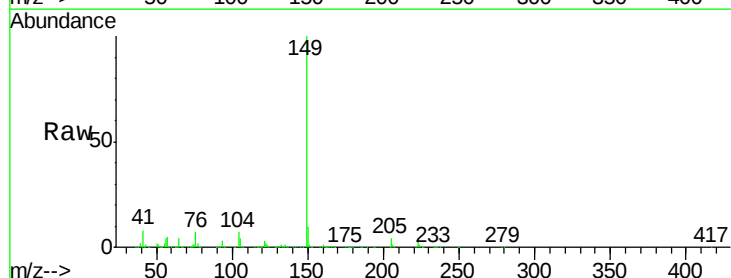
Tgt Ion:149 Resp: 1401960

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

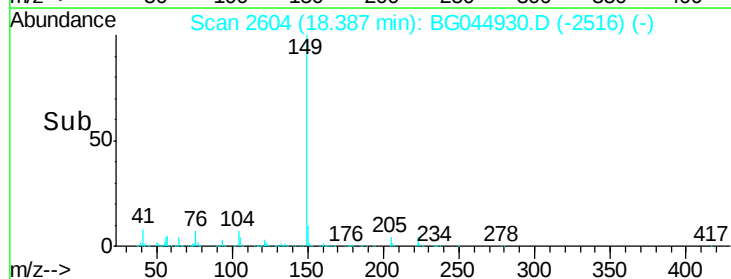
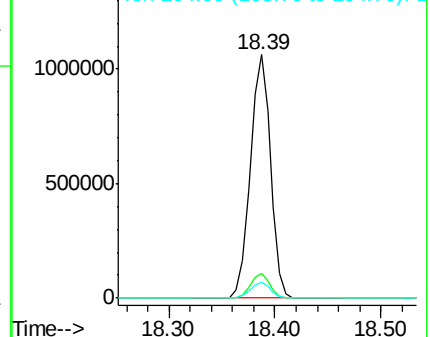
104 6.6 5.0 7.4

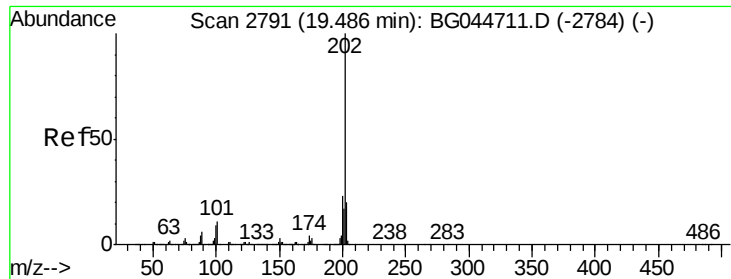


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.174 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

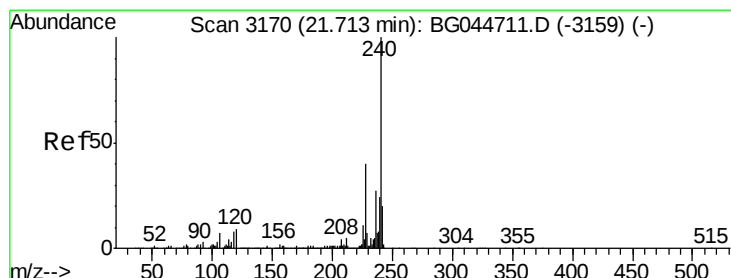
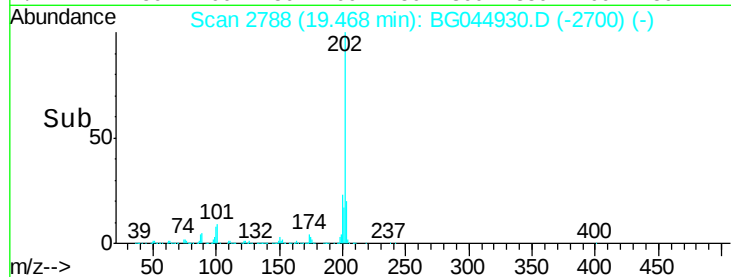
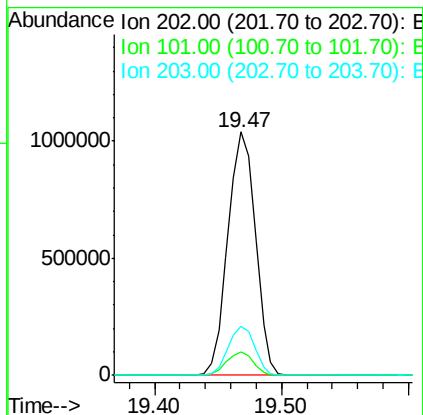
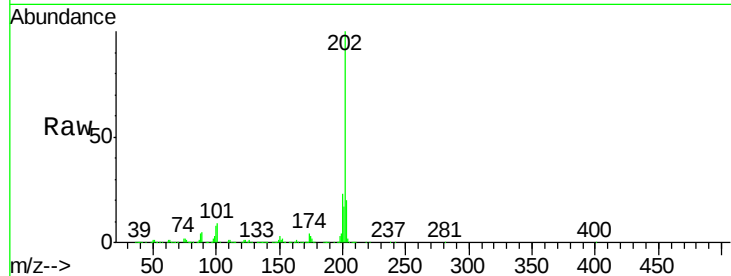
ClientSampleId :

PB127768BS

Tot Ion:	202	Resp:	1561170
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.8
203	20.1	0.0	39.4

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#76

Chrysene-d12

Concen: 20.000 ng

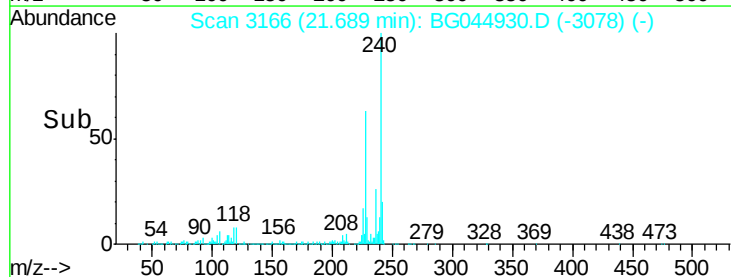
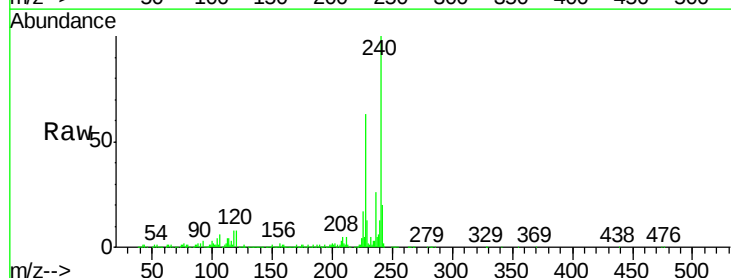
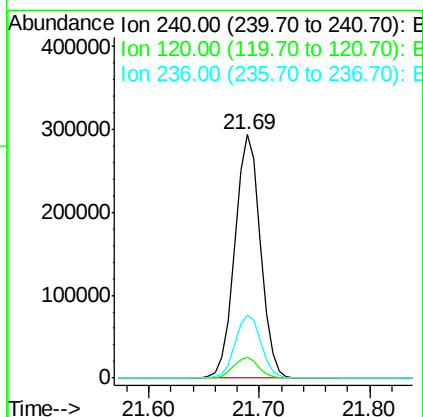
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	240	Resp:	479240
Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.9	21.5	32.3





#77

Benzidine

Concen: 51.768 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

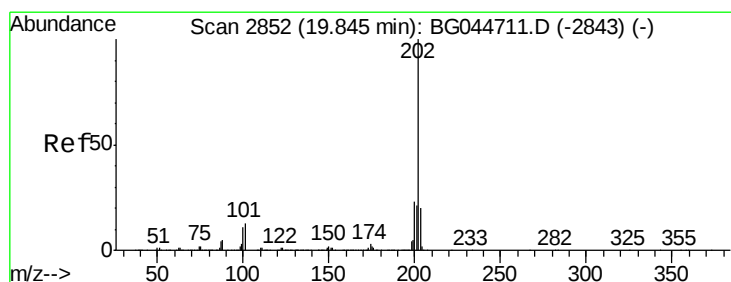
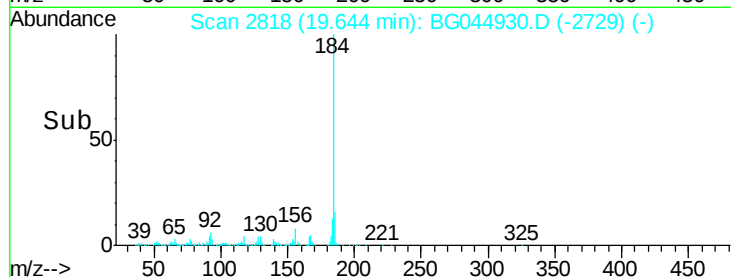
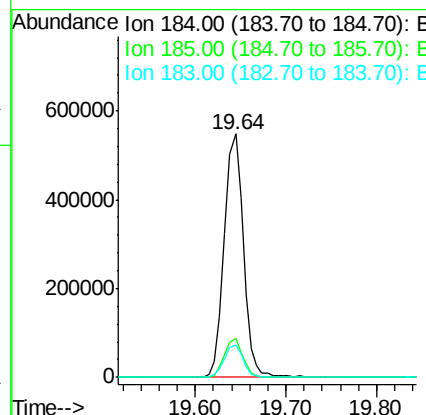
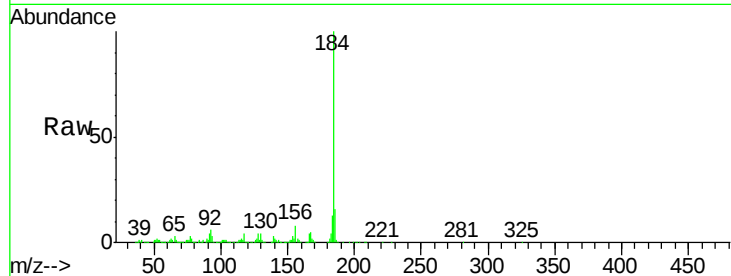
ClientSampleId :

PB127768BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.2	18.4
183	13.4	10.7	16.1

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#78

Pyrene

Concen: 44.256 ng

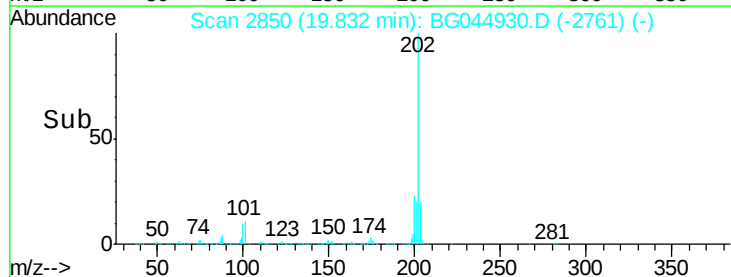
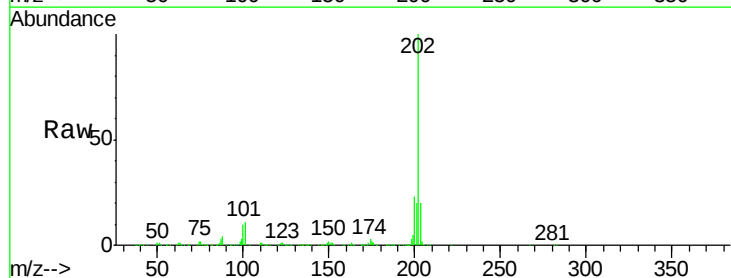
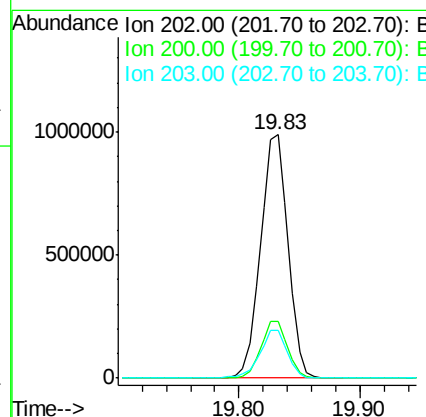
RT: 19.83 min Scan# 2850

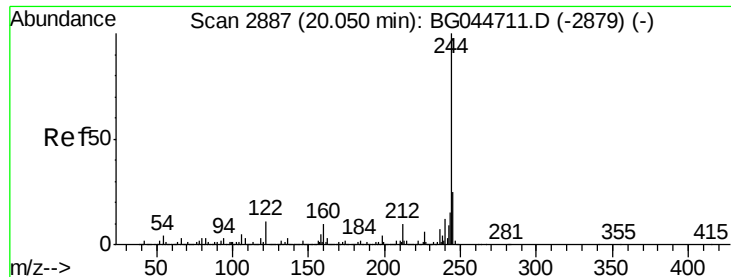
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.3	27.5
203	19.5	15.6	23.4





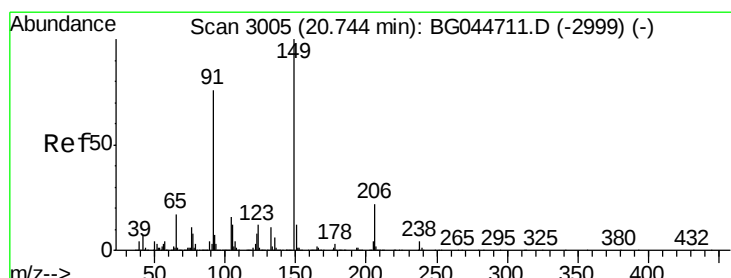
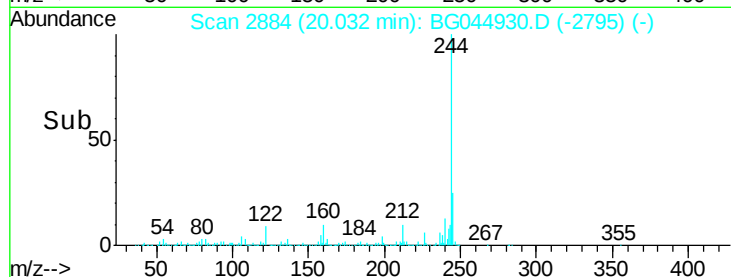
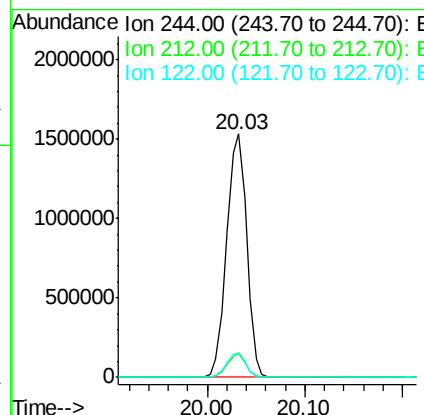
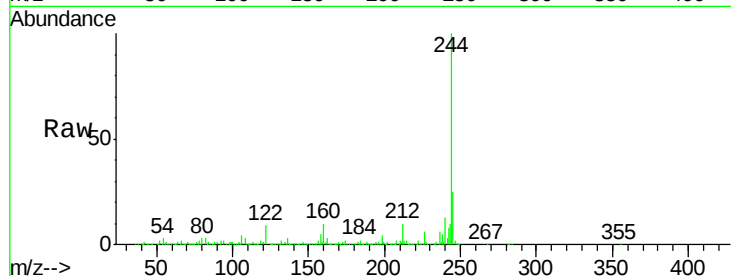
#79
 Terphenyl-d14
 Concen: 85.098 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion:244 Resp: 2180224
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.7 11.5
 122 9.4 8.6 12.8

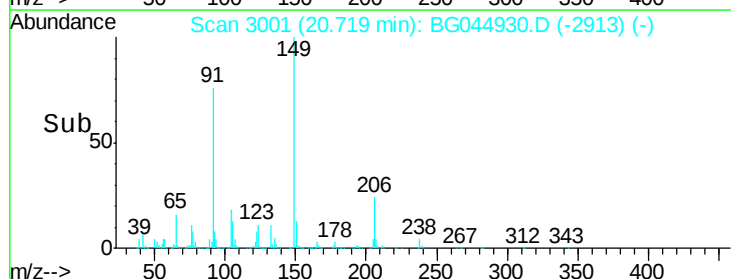
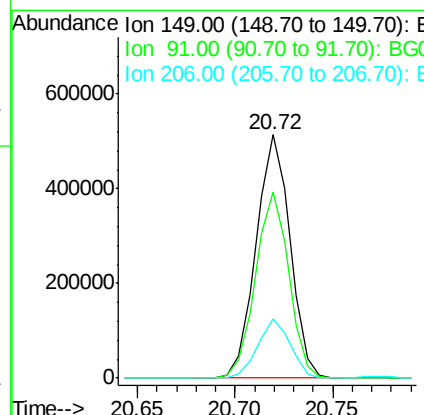
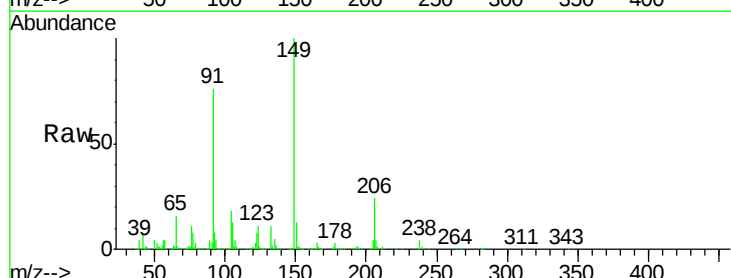
Manual Integrations
 APPROVED

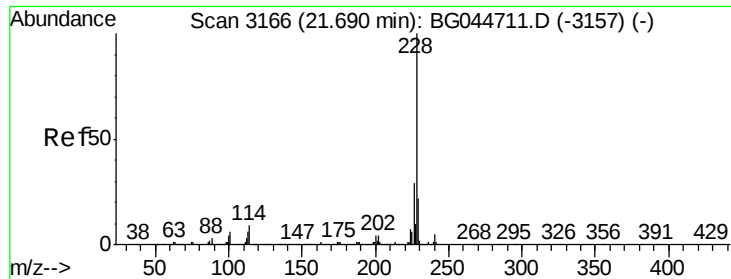
mohammad
 3/25/2020 12:27:37 PM



#80
 Butylbenzylphthalate
 Concen: 39.523 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion:149 Resp: 618223
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.2 90.4
 206 24.4 18.6 27.8





#81

Benzo(a)anthracene

Concen: 43.329 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

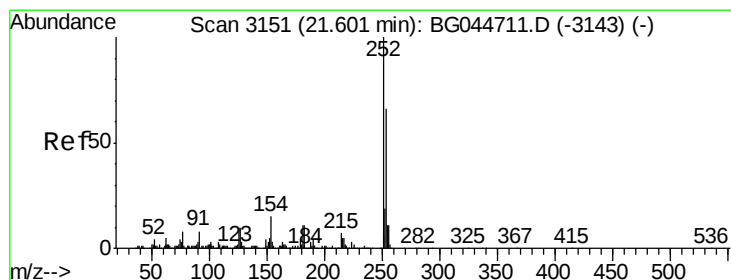
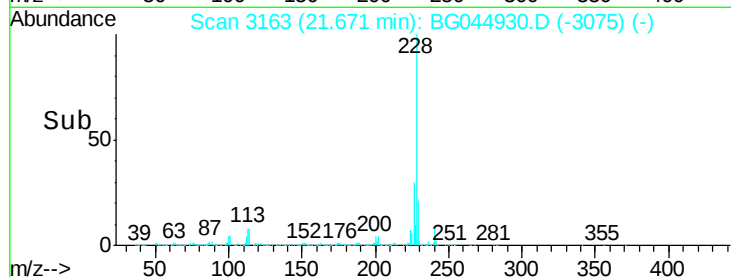
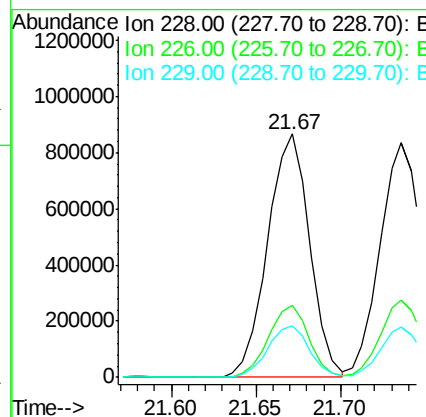
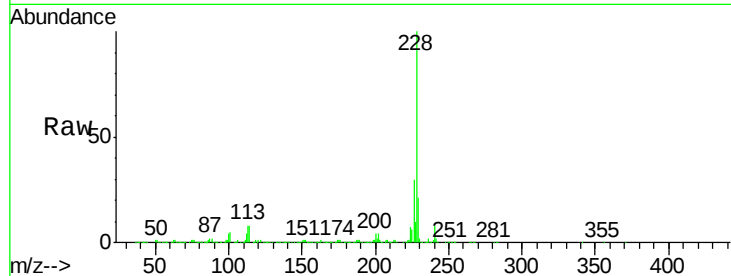
ClientSampleId :

PB127768BS

Tot Ion:	228	Resp:	1495221
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.6	35.4
229	21.4	17.1	25.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#82

3,3'-Dichlorobenzidine

Concen: 30.690 ng

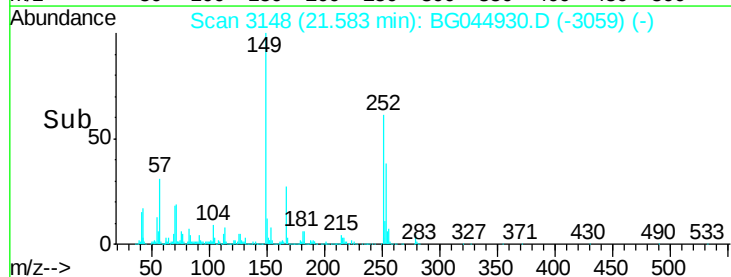
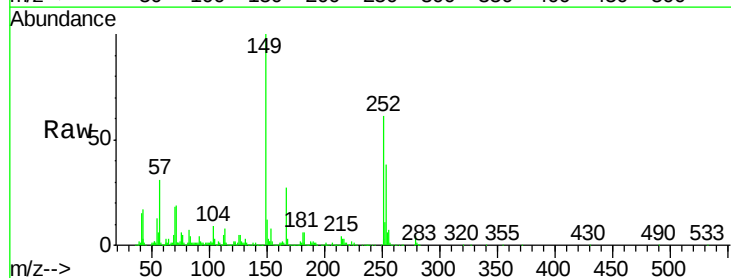
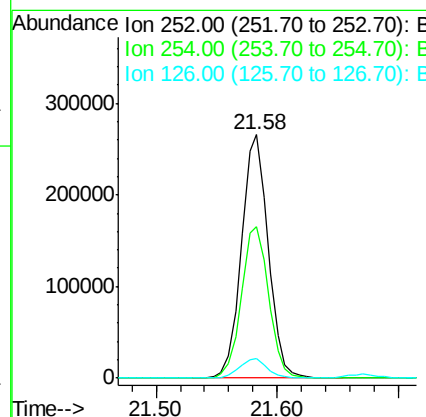
RT: 21.58 min Scan# 3148

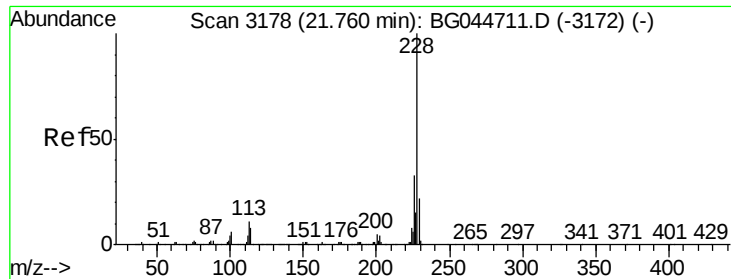
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	252	Resp:	409718
Ion Ratio	Lower	Upper	
252	100		
254	62.0	51.6	77.4
126	8.0	7.0	10.6





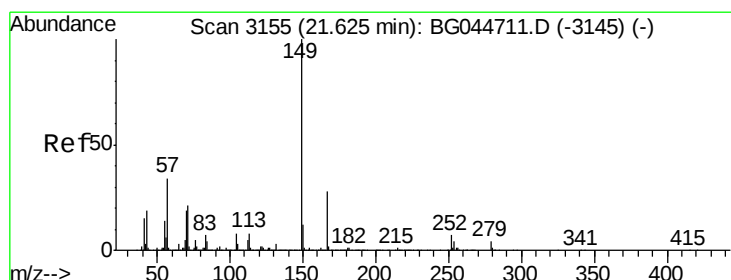
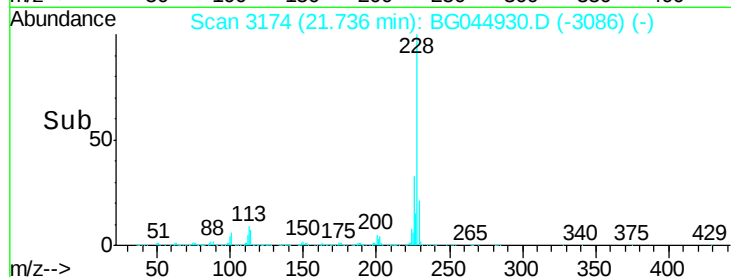
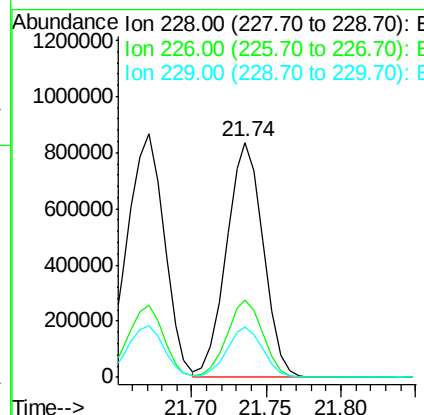
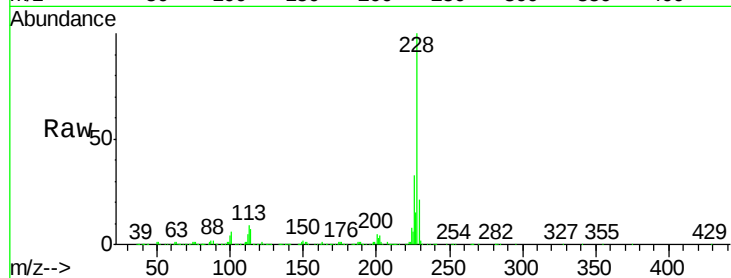
#83
Chrysene
Concen: 43.554 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.9	38.9
229	21.3	17.4	26.0

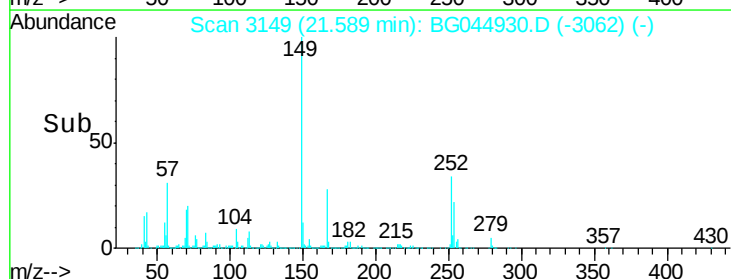
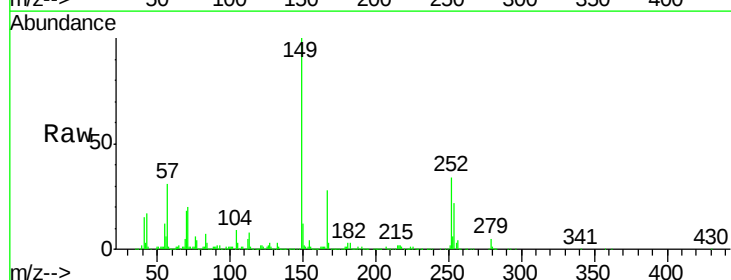
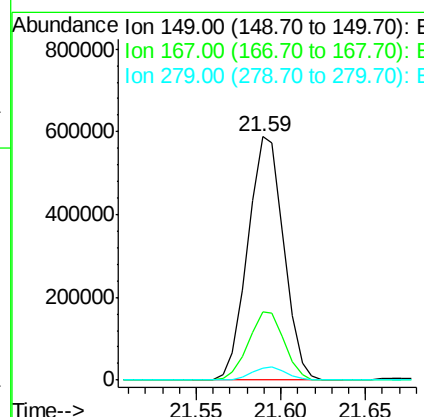
Manual Integrations
APPROVED

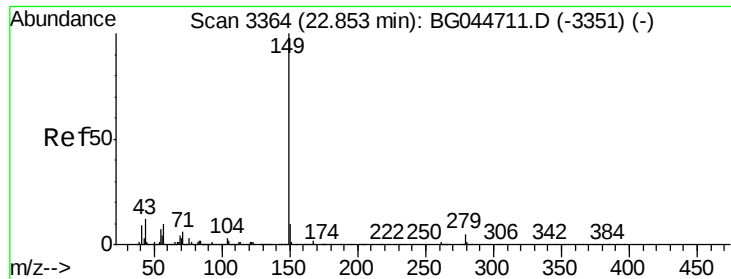
mohammad
3/25/2020 12:27:37 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.303 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.6
279	4.9	3.8	5.6





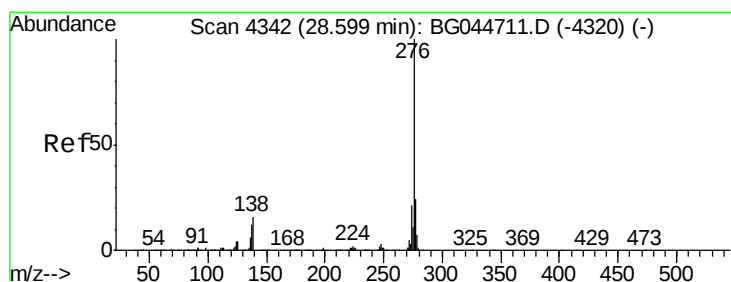
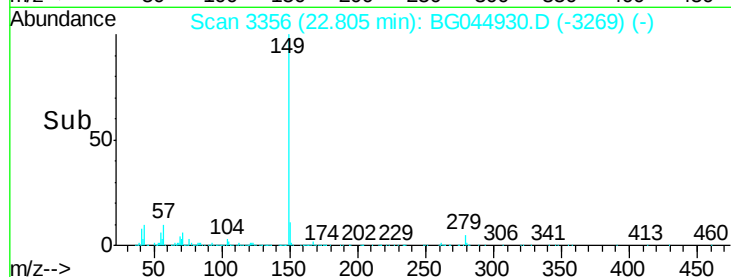
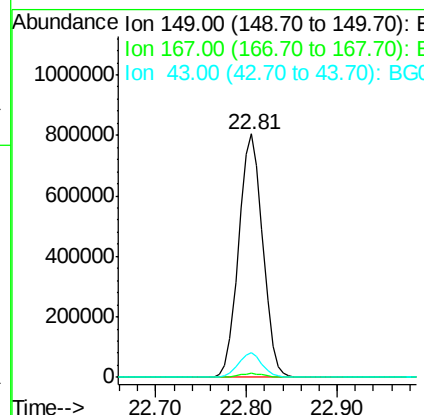
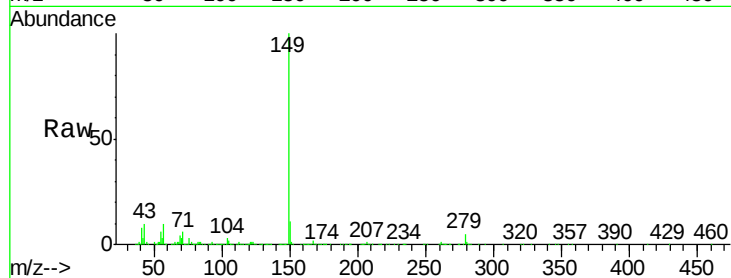
#85
Di-n-octyl phthalate
Concen: 41.027 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion:149 Resp: 1482115
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 8.2 12.4

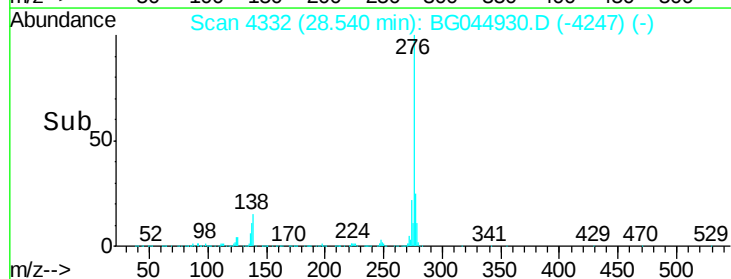
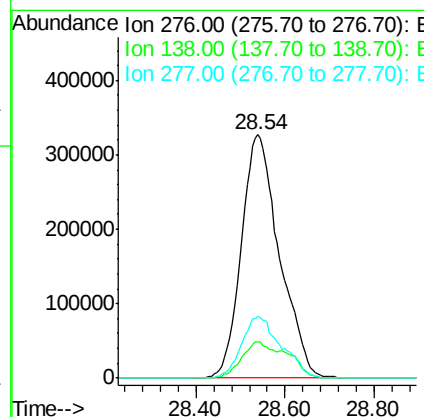
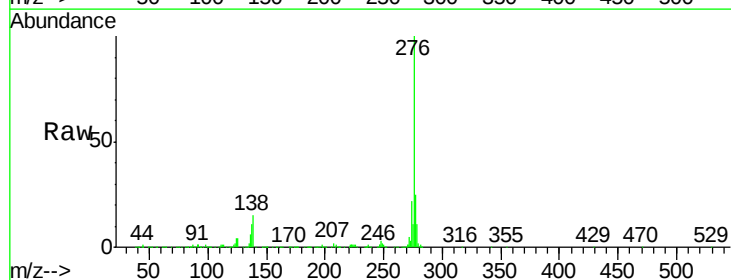
Manual Integrations
APPROVED

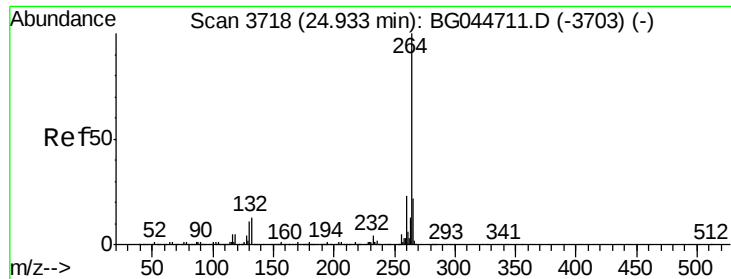
mohammad
3/25/2020 12:27:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.767 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:276 Resp: 1934676
Ion Ratio Lower Upper
276 100
138 17.8 7.4 11.0#
277 26.3 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

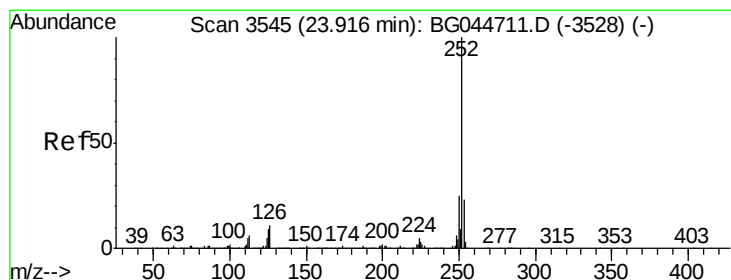
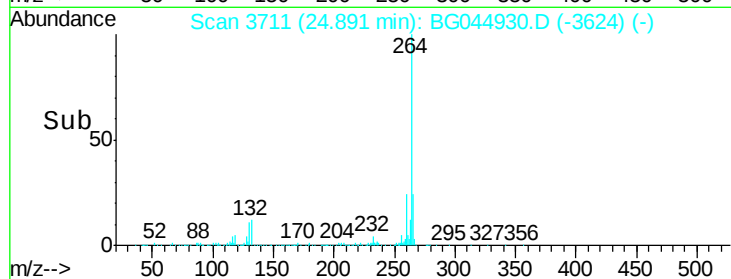
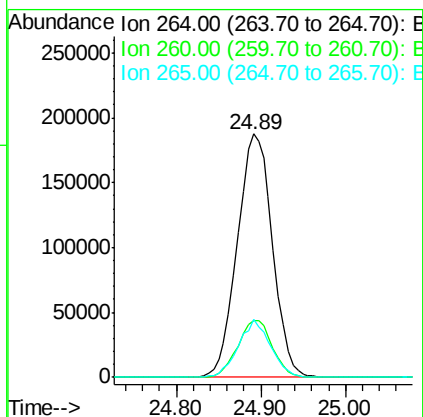
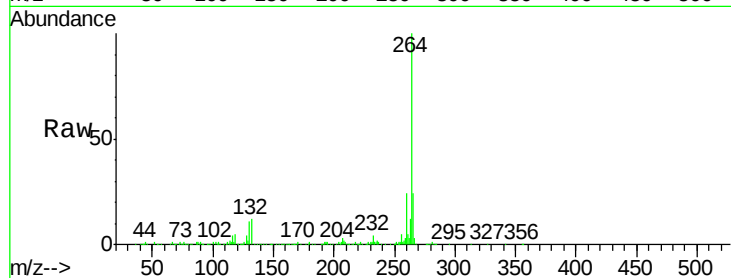
ClientSampleId :

PB127768BS

Tot Ion:	264	Resp:	539070
Ion Ratio		Lower	Upper
264	100		
260	23.5	18.1	27.1
265	23.7	17.1	25.7

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#88

Benzo(b)fluoranthene

Concen: 46.472 ng

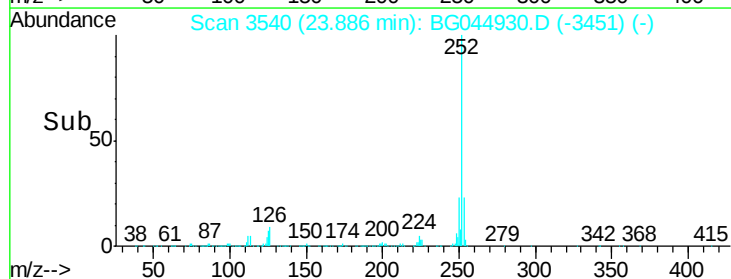
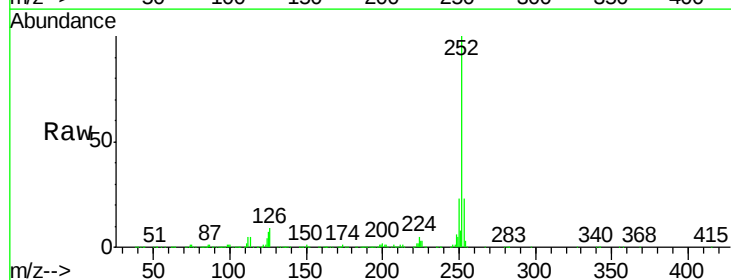
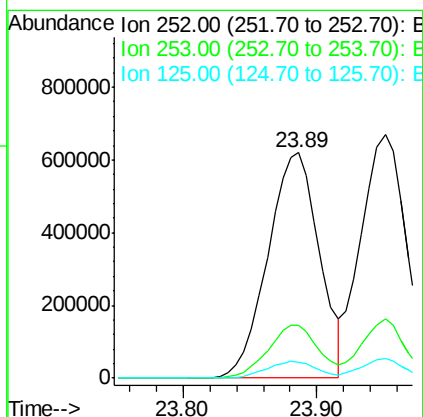
RT: 23.89 min Scan# 3540

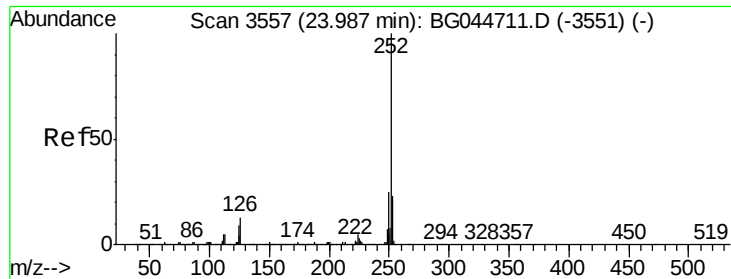
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:	252	Resp:	1653865
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.3	6.6	9.8





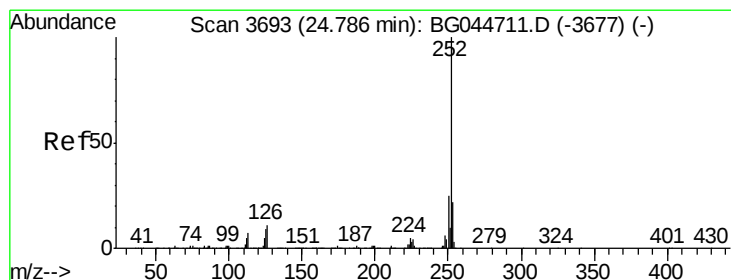
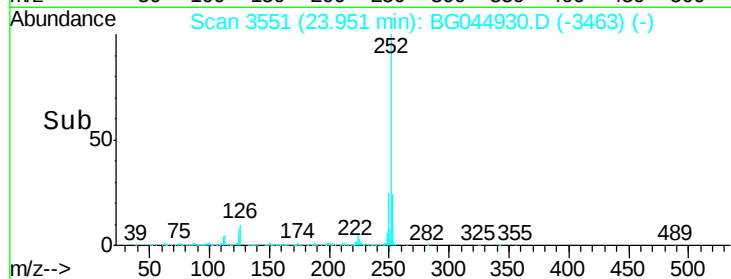
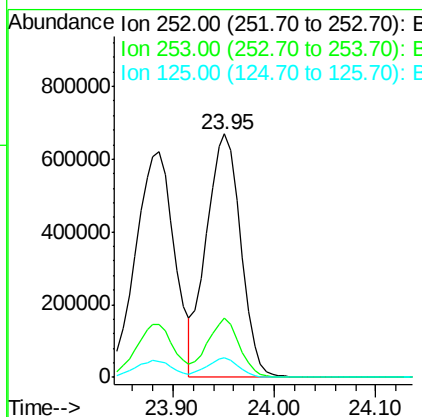
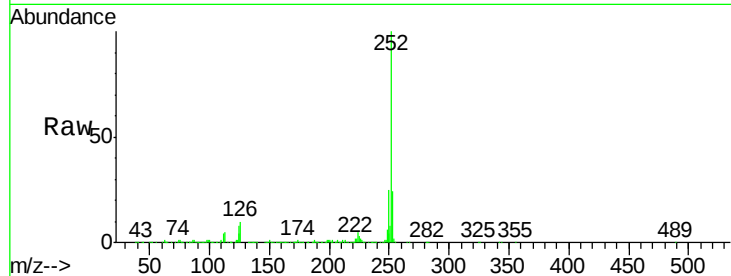
#89
Benzo(k)fluoranthene
Concen: 46.617 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.0	6.2	9.2

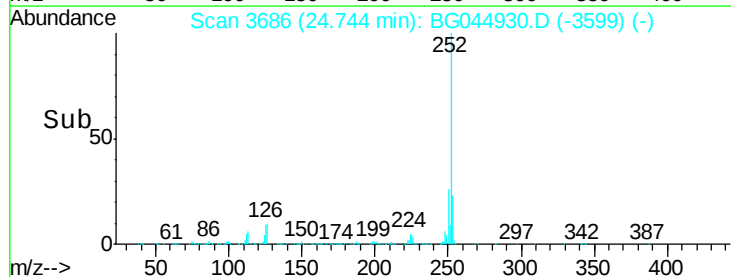
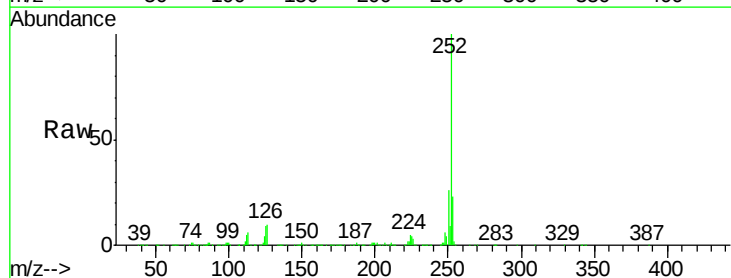
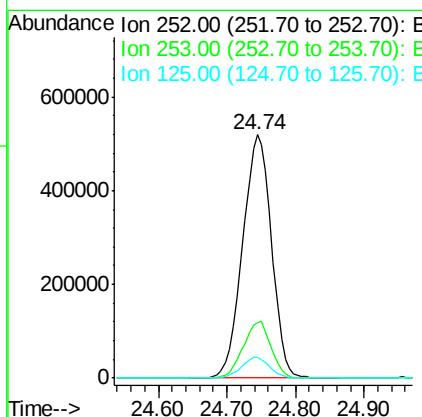
Manual Integrations
APPROVED

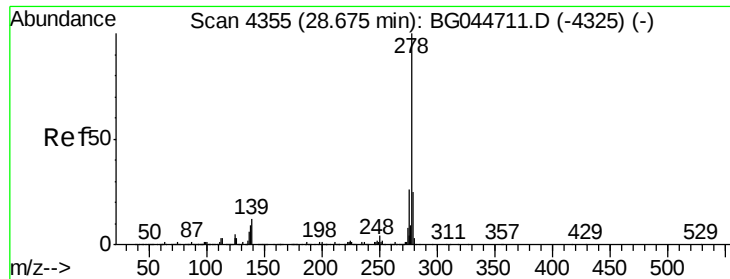
mohammad
3/25/2020 12:27:37 PM



#90
Benzo(a)pyrene
Concen: 45.557 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.0
125	8.6	7.2	10.8





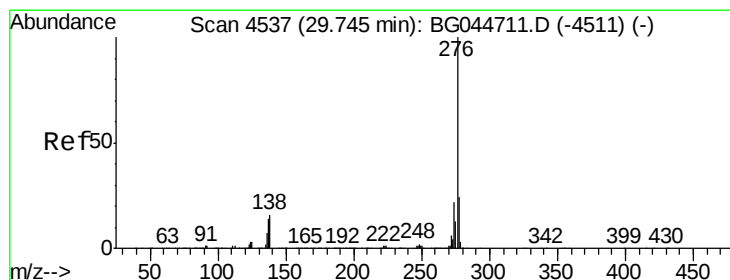
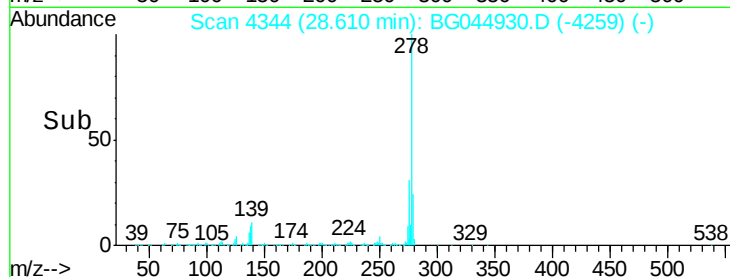
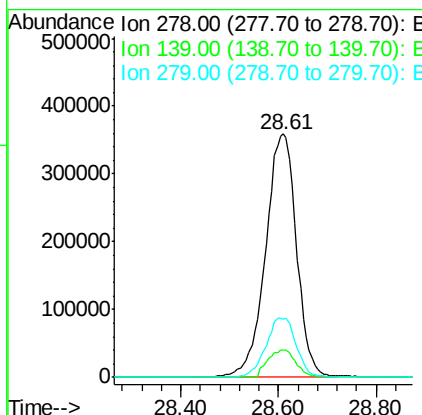
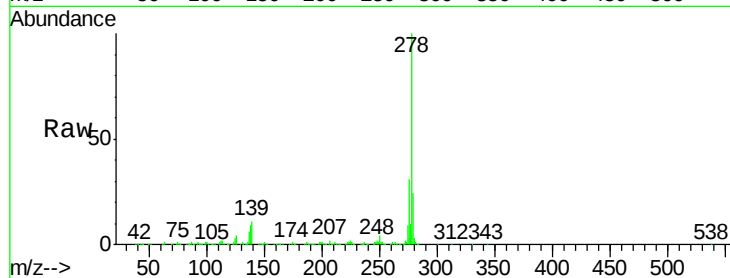
#91
Dibenzo(a,h)anthracene
Concen: 48.033 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	10.2	15.2
279	23.8	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/25/2020 12:27:37 PM



#92
Benzo(g,h,i)perylene
Concen: 47.518 ng
RT: 29.69 min Scan# 4527
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	14.6	13.0	19.6

