

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044344.D
 Acq On : 7 Feb 2020 19:36
 Operator : CG/JU
 Sample : L1431-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:10 AM

Quant Time: Feb 08 03:03:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	90381	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	368224	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	229314	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	479790	20.00	ng	0.00
76) Chrysene-d12	21.54	240	442001	20.00	ng	0.00
87) Perylene-d12	24.63	264	475264	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	568196	110.95	ng	0.00
7) Phenol-d6	7.09	99	742840	108.02	ng	0.00
23) Nitrobenzene-d5	9.07	82	443954	68.07	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	273713	101.68	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	968583	70.73	ng	0.00
79) Terphenyl-d14	19.91	244	1381398	64.28	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	86857	37.749	ng 100
3) Pyridine	3.78	79	212313	34.634	ng 99
4) n-Nitrosodimethylamine	3.69	42	108320	42.286	ng 99
6) Aniline	7.24	93	221139	25.906	ng 100
8) 2-Chlorophenol	7.48	128	267031	47.444	ng 97
9) Benzaldehyde	7.05	77	116705	29.797	ng 98
10) Phenol	7.11	94	324354	47.657	ng 98
11) bis(2-Chloroethyl)ether	7.33	93	242174	41.621	ng 98
12) 1,3-Dichlorobenzene	7.80	146	274078	40.785	ng 98
13) 1,4-Dichlorobenzene	7.95	146	275206	41.349	ng 99
14) 1,2-Dichlorobenzene	8.26	146	259953	41.321	ng 99
15) Benzyl Alcohol	8.15	79	215154	44.191	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	315135	40.015	ng 100
17) 2-Methylphenol	8.36	107	220171	45.341	ng 99
18) Hexachloroethane	9.00	117	100998	40.438	ng 97
19) n-Nitroso-di-n-propylamine	8.72	70	187977	41.014	ng 96
20) 3+4-Methylphenols	8.69	107	300320	44.876	ng 97
22) Acetophenone	8.73	105	354896	39.619	ng # 98
24) Nitrobenzene	9.11	77	264041	41.468	ng 98
25) Isophorone	9.63	82	501158	41.225	ng 98
26) 2-Nitrophenol	9.82	139	147082	44.517	ng 98
27) 2,4-Dimethylphenol	9.89	122	240743	51.619	ng 99
28) bis(2-Chloroethoxy)methane	10.12	93	323007	39.830	ng 100
29) 2,4-Dichlorophenol	10.36	162	252441	44.764	ng 99
30) 1,2,4-Trichlorobenzene	10.58	180	262732	40.630	ng 99
31) Naphthalene	10.76	128	756724	42.358	ng 99
32) Benzoic acid	10.05	122	98941	36.870	ng 89
33) 4-Chloroaniline	10.87	127	108017	13.294	ng 97
34) Hexachlorobutadiene	11.06	225	155447	39.067	ng 96
35) Caprolactam	11.63	113	88293m	42.740	ng
36) 4-Chloro-3-methylphenol	12.00	107	258805	43.771	ng 96
37) 2-Methylnaphthalene	12.37	142	554792	41.826	ng 98
38) 1-Methylnaphthalene	12.59	142	524513	41.943	ng 100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	276433	40.299	ng 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044344.D
 Acq On : 7 Feb 2020 19:36
 Operator : CG/JU
 Sample : L1431-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 06MS

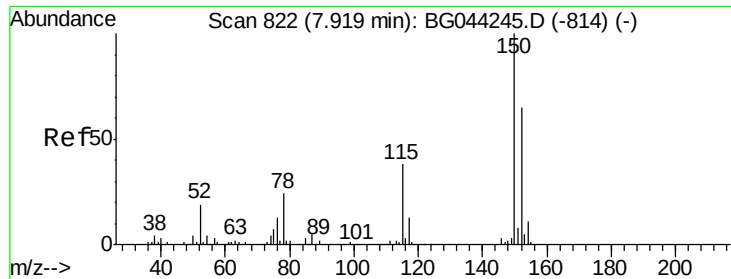
Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:10 AM

Quant Time: Feb 08 03:03:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	334195	101.536	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	195724	44.143	nq	98
44) 2,4,5-Trichlorophenol	13.06	196	205269	45.326	nq	99
46) 1,1'-Biphenyl	13.38	154	691500	41.806	nq	100
47) 2-Chloronaphthalene	13.42	162	541716	41.157	nq	99
48) 2-Nitroaniline	13.62	65	156309	40.240	nq	97
49) Acenaphthylene	14.27	152	846699	43.858	nq	99
50) Dimethylphthalate	14.01	163	713365	43.277	nq	100
51) 2,6-Dinitrotoluene	14.12	165	156533	42.590	nq	99
52) Acenaphthene	14.61	154	522162	41.729	nq	98
53) 3-Nitroaniline	14.45	138	86473	21.266	nq	98
54) 2,4-Dinitrophenol	14.66	184	173356	79.640	nq	99
55) Dibenzofuran	14.95	168	804134	42.444	nq	100
56) 4-Nitrophenol	14.77	139	277606	93.203	nq	98
57) 2,4-Dinitrotoluene	14.91	165	212364	41.226	nq	97
58) Fluorene	15.60	166	631620	42.328	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	181950	44.480	nq	99
60) Diethylphthalate	15.37	149	675990	41.157	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	330975	40.907	nq	99
62) 4-Nitroaniline	15.61	138	150479	37.036	nq	97
63) Azobenzene	15.89	77	608472	42.269	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	130719	49.357	nq	97
66) n-Nitrosodiphenylamine	15.80	169	588505	43.769	nq	100
67) 4-Bromophenyl-phenylether	16.48	248	214761	41.085	nq	98
68) Hexachlorobenzene	16.61	284	238100	40.657	nq	100
69) Atrazine	16.75	200	219339	47.594	nq	99
70) Pentachlorophenol	16.95	266	259106	87.199	nq	96
71) Phenanthrene	17.34	178	1008700	43.417	nq	99
72) Anthracene	17.42	178	1027450	44.731	nq	99
73) Carbazole	17.69	167	917196	43.314	nq	99
74) Di-n-butylphthalate	18.26	149	1133842	43.330	nq	99
75) Fluoranthene	19.35	202	1198624	44.598	nq	100
77) Benzidine	19.52	184	221398	18.059	nq	98
78) Pyrene	19.70	202	1192437	42.009	nq	99
80) Butylbenzylphthalate	20.60	149	520583	40.244	nq	99
81) Benzo(a)anthracene	21.52	228	1104063	40.530	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	224882	21.270	nq	100
83) Chrysene	21.58	228	1074521	40.808	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	733022	41.170	nq	100
85) Di-n-octyl phthalate	22.61	149	1280091	41.553	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1366727	39.785	nq	100
88) Benzo(b)fluoranthene	23.65	252	1197669	43.732	nq	99
89) Benzo(k)fluoranthene	23.72	252	1142454	42.802	nq	99
90) Benzo(a)pyrene	24.49	252	1094709	42.277	nq	99
91) Dibenzo(a,h)anthracene	28.19	278	1113318	43.445	nq	99
92) Benzo(g,h,i)perylene	29.23	276	1154618	45.008	nq	97

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



#1

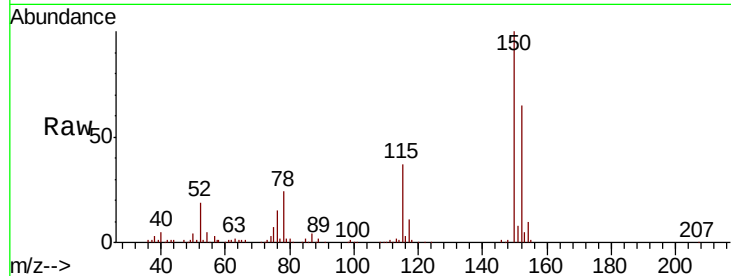
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	183.8
115	57.6	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

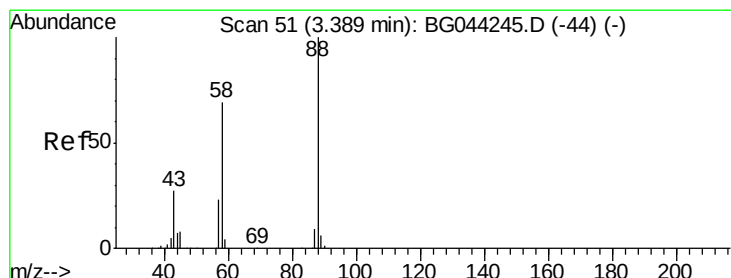
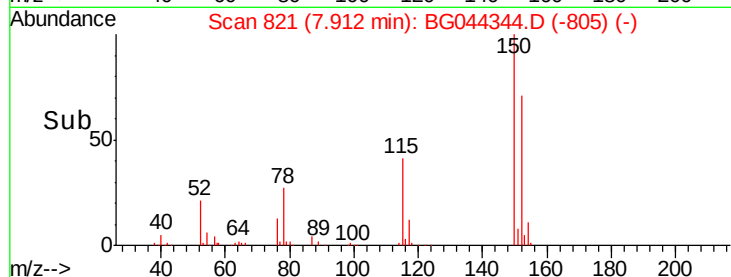
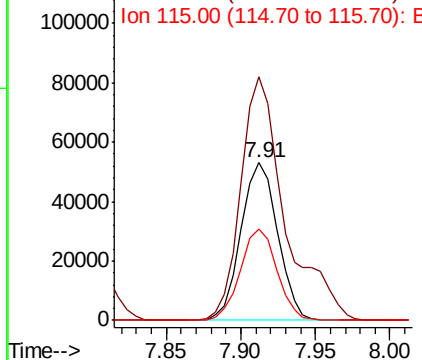


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

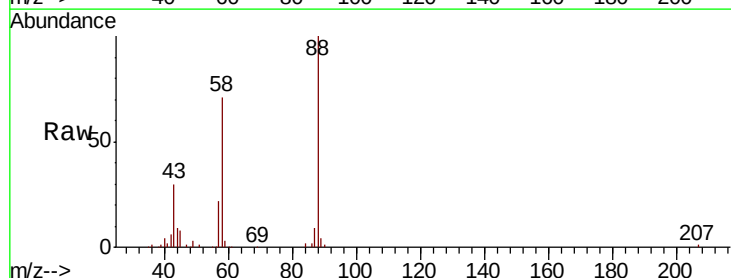
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.749 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.8	83.6
43	26.7	21.6	32.4

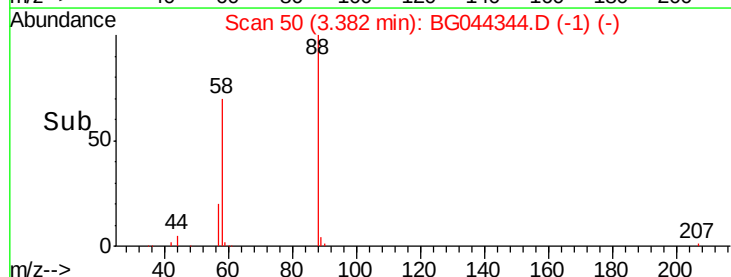
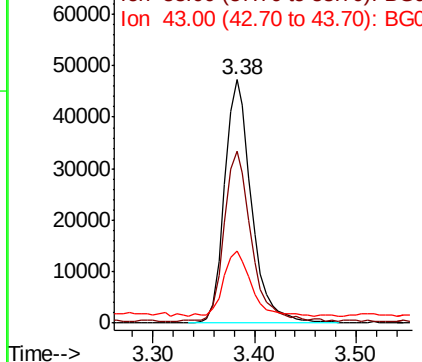


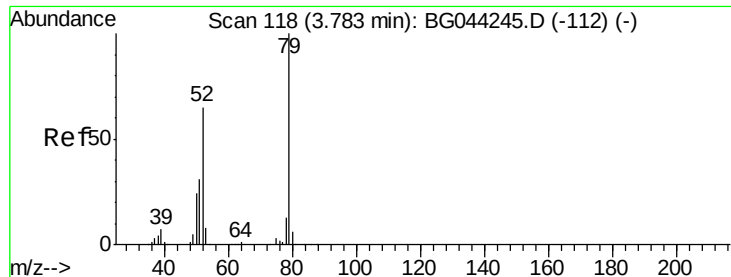
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.634 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

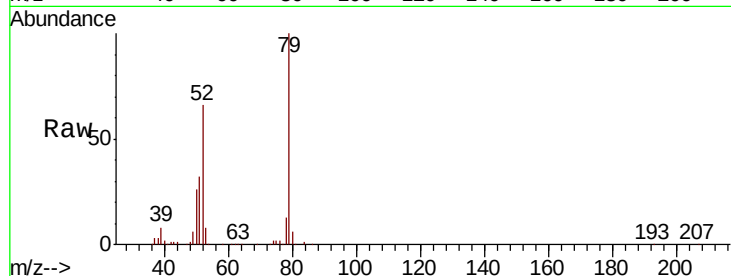
ClientSampleId :

06MS

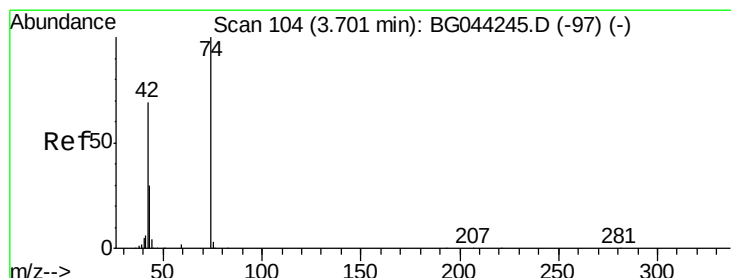
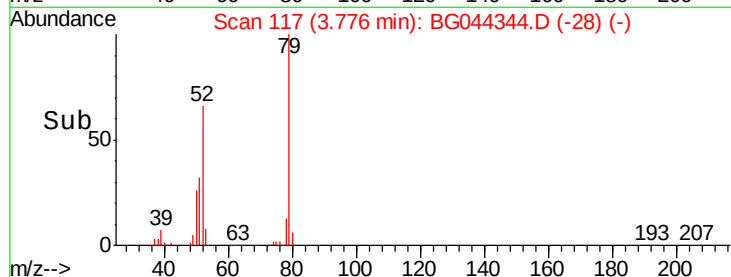
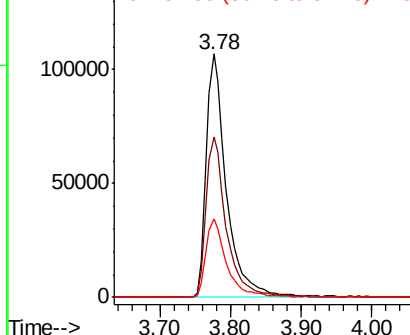
Tot Ion:	79	Resp:	212313
Ion	Ratio	Lower	Upper
79	100		
52	65.6	51.9	77.9
51	32.3	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.286 ng

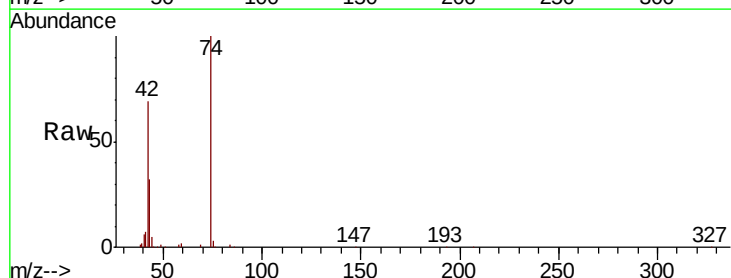
RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

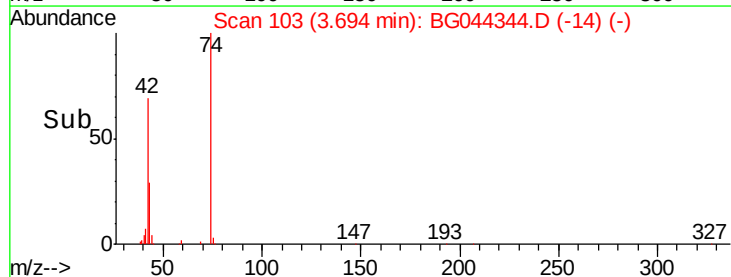
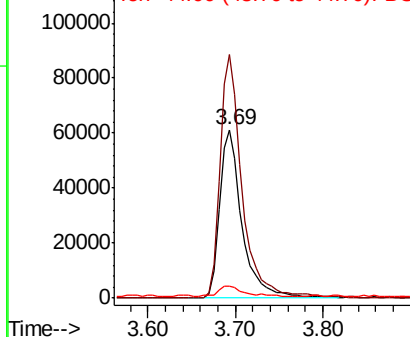
Lab File: BG044344.D

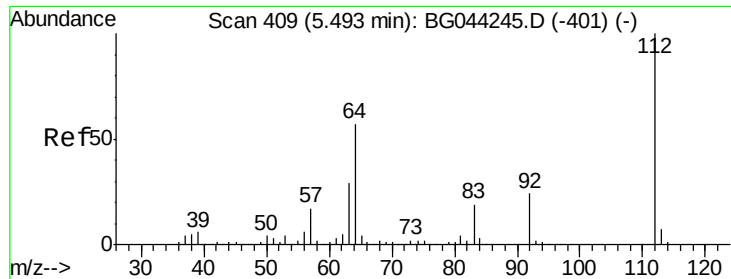
Acq: 7 Feb 2020 19:36

Tgt Ion:	42	Resp:	108320
Ion	Ratio	Lower	Upper
42	100		
74	144.7	115.1	172.7
44	7.4	5.6	8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.950 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

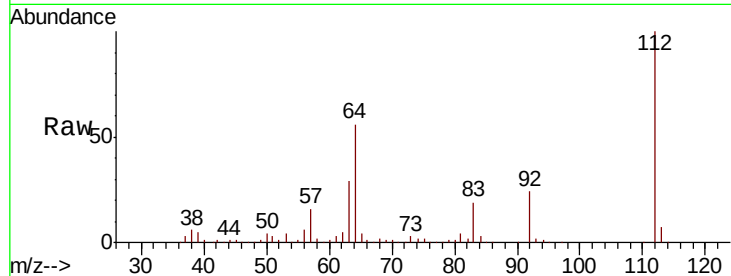
ClientSampled :

06MS

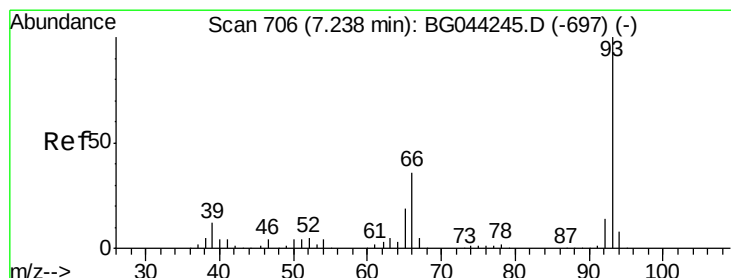
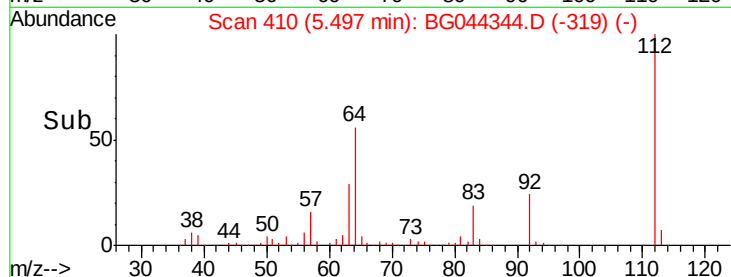
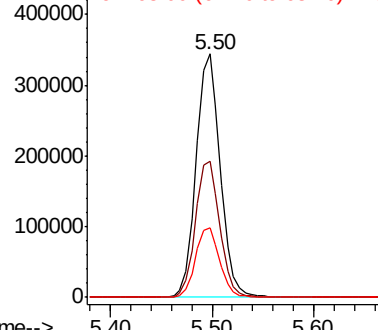
Tot Ion:	112	Resp:	568196
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	28.7	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.906 ng

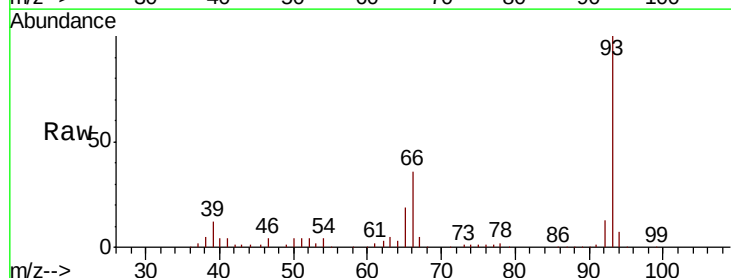
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

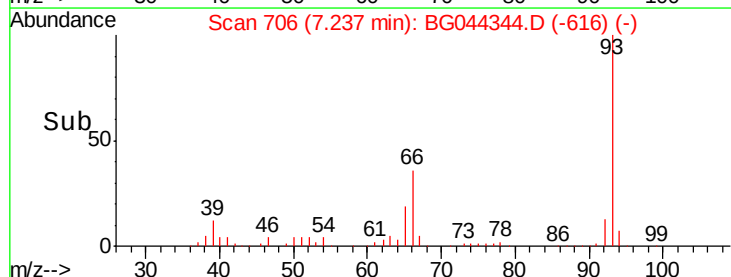
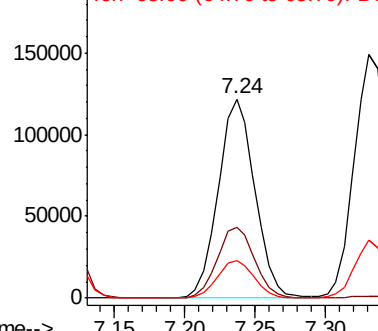
Lab File: BG044344.D

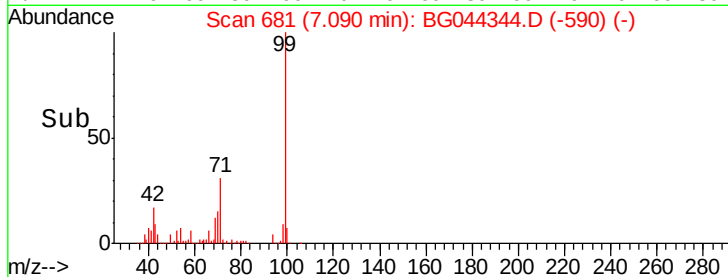
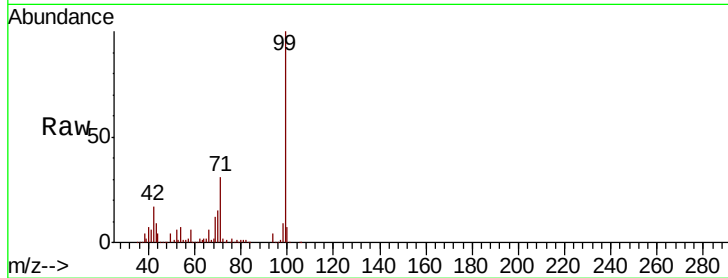
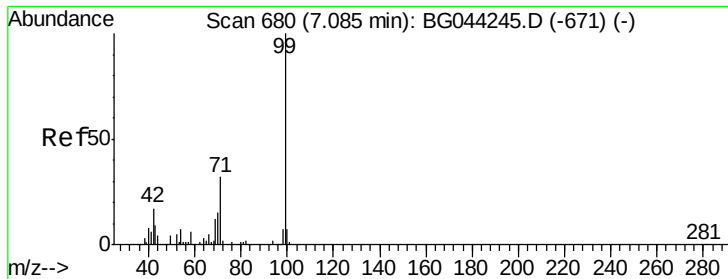
Acq: 7 Feb 2020 19:36

Tgt Ion:	93	Resp:	221139
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	19.2	15.4	23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.018 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tot Ion:	99	Resp:	742840
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.6
71	31.4	25.5	38.3

Instrument :

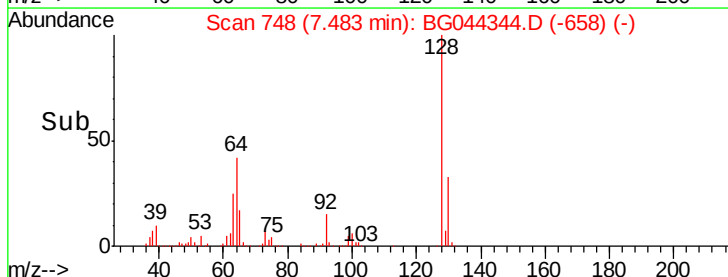
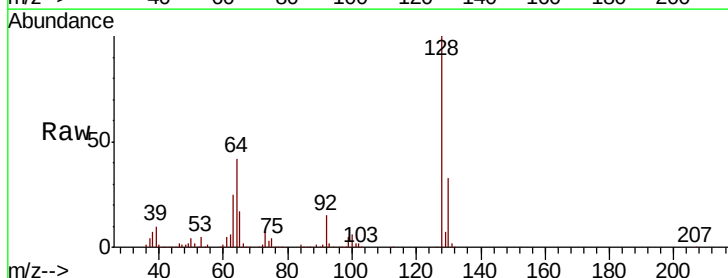
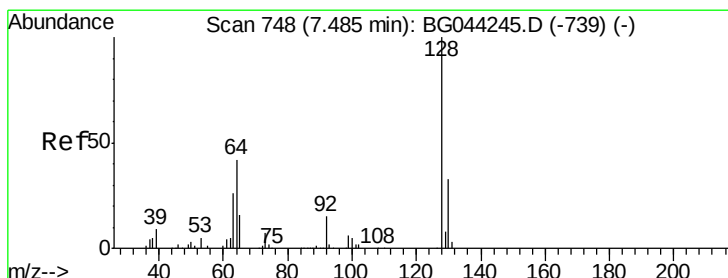
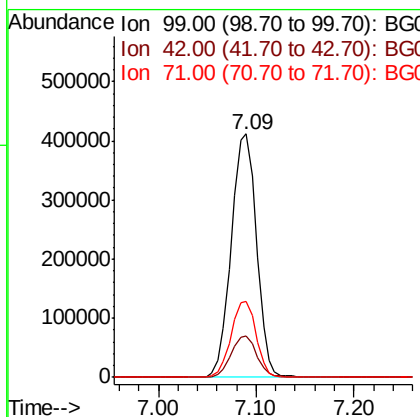
BNA_G

ClientSampled :

06MS

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



#8

2-Chlorophenol

Concen: 47.444 ng

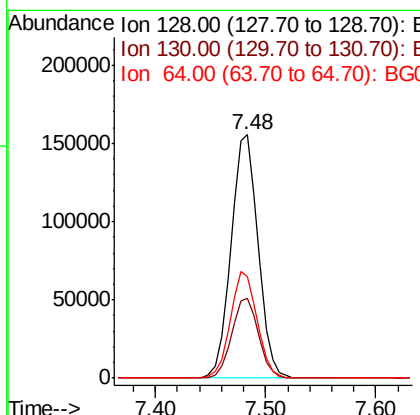
RT: 7.48 min Scan# 748

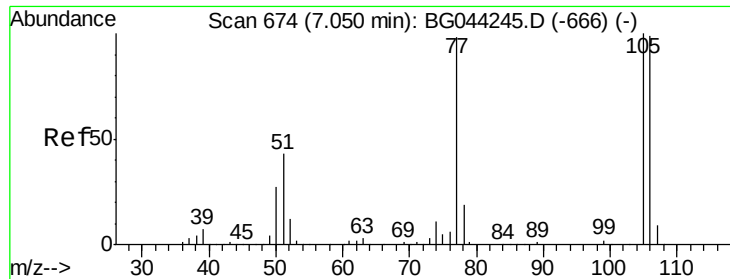
Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	128	Resp:	267031
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	41.6	24.2	64.2





#9

Benzaldehyde

Concen: 29.797 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

ClientSampleId :

06MS

Tot Ion: 77 Resp: 116705

Ion Ratio Lower Upper

77 100

105 104.8 82.0 122.0

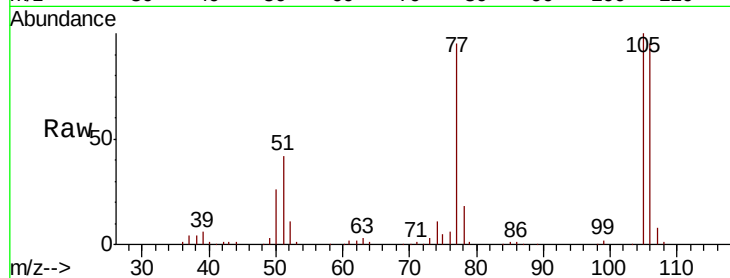
106 99.7 80.7 120.7

Manual Integrations

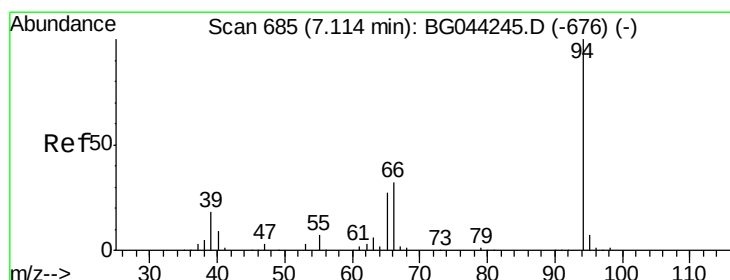
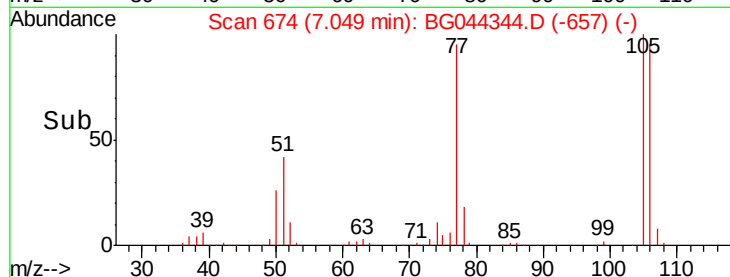
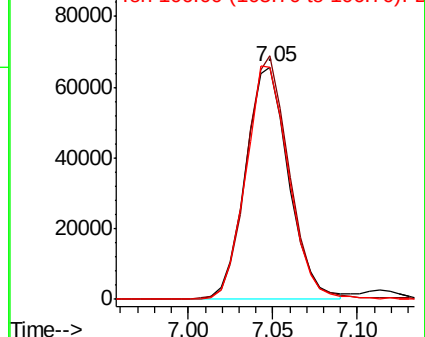
APPROVED

mohammad

2/11/2020 8:26:10 AM



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



#10

Phenol

Concen: 47.657 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

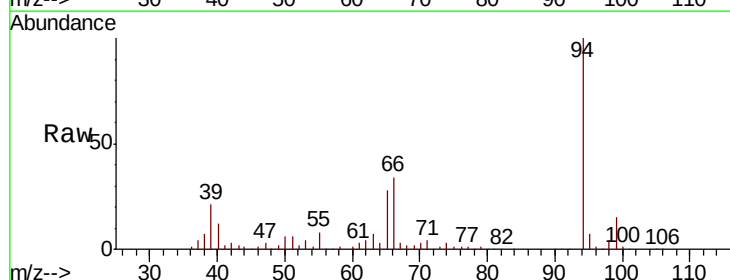
Tgt Ion: 94 Resp: 324354

Ion Ratio Lower Upper

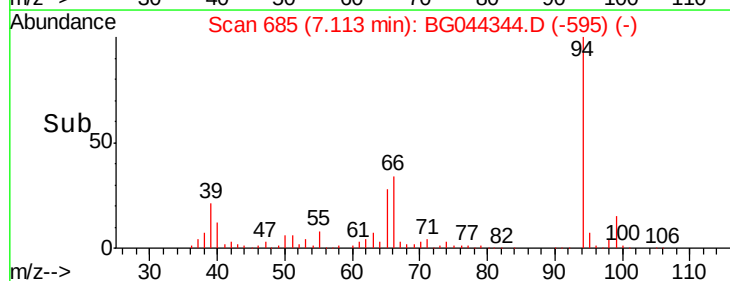
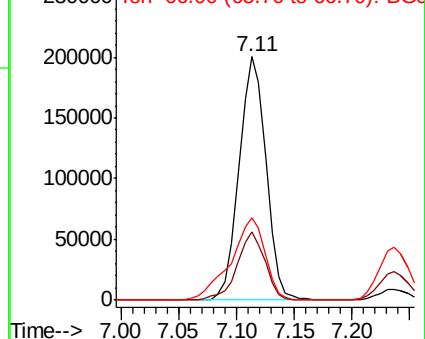
94 100

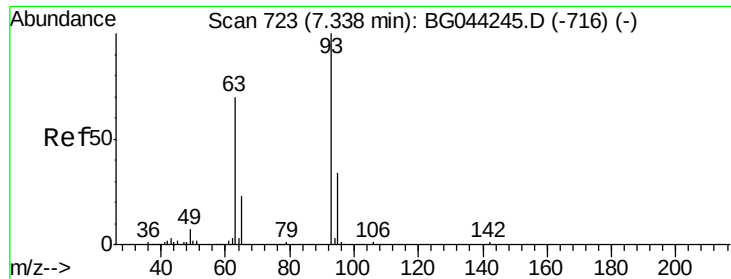
65 27.9 7.0 47.0

66 33.8 12.7 52.7



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





#11

bis(2-Chloroethyl)ether

Concen: 41.621 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

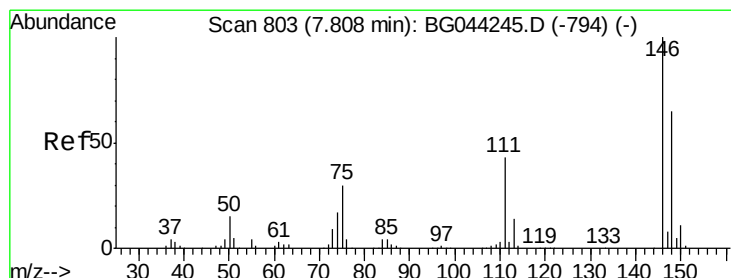
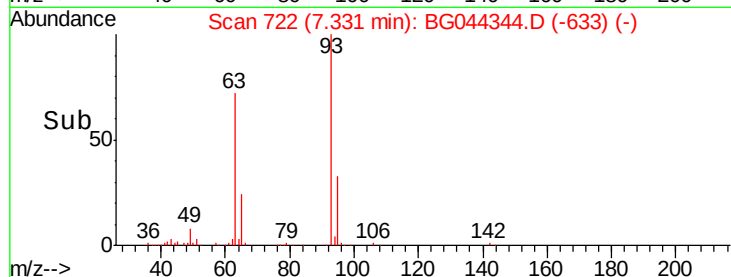
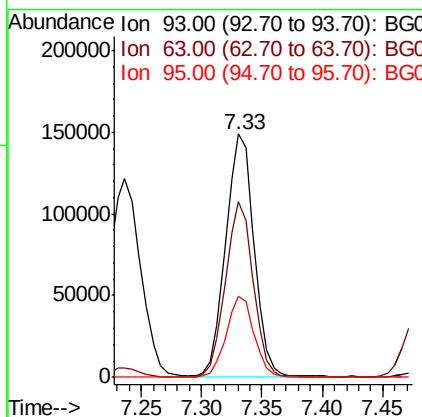
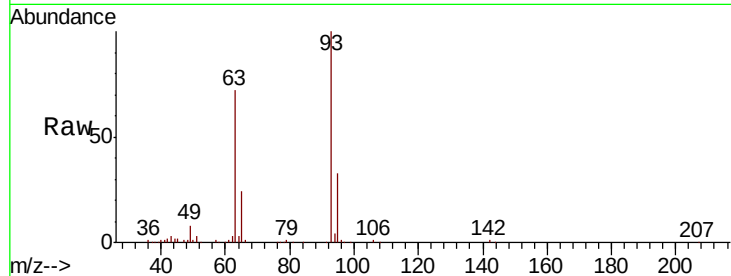
ClientSampleId :

06MS

Tot Ion:	93	Resp:	242174
Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.2	89.2
95	33.4	13.6	53.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



#12

1,3-Dichlorobenzene

Concen: 40.785 ng

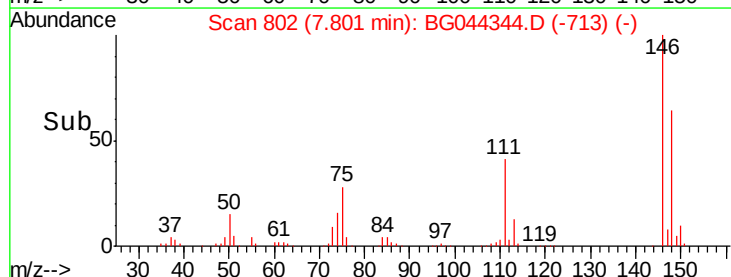
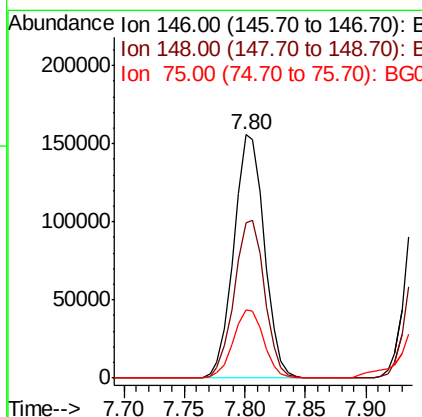
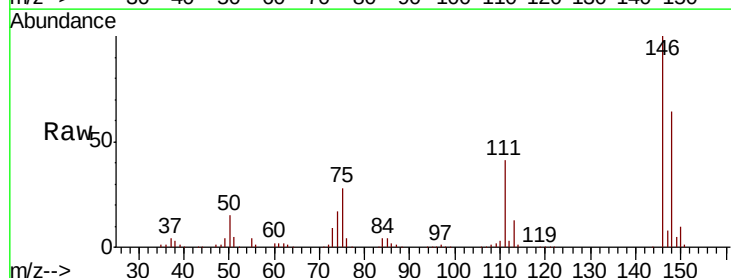
RT: 7.80 min Scan# 802

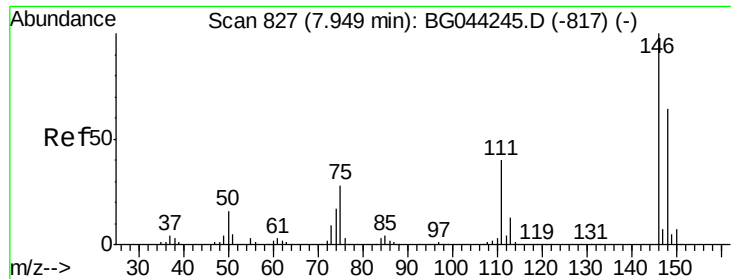
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	146	Resp:	274078
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	27.9	23.7	35.5





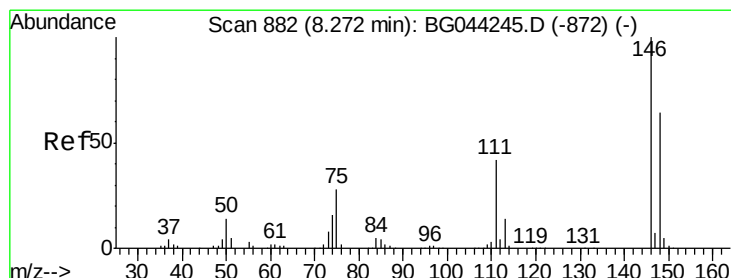
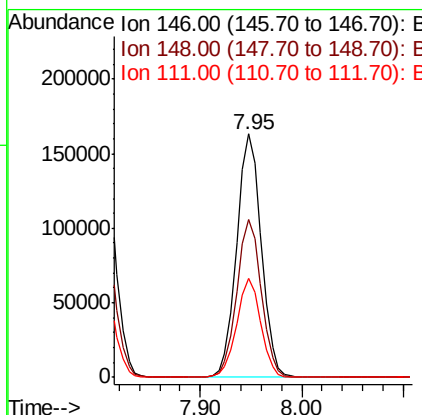
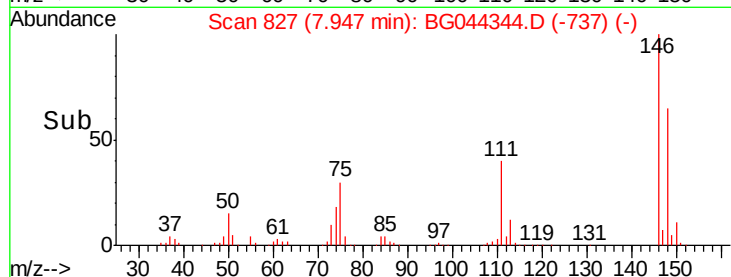
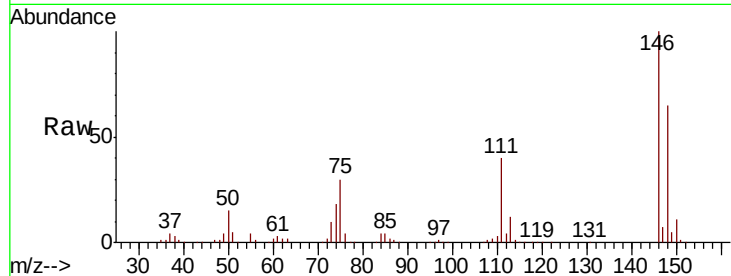
#13
 1,4-Dichlorobenzene
 Concen: 41.349 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	40.5	31.8	47.8

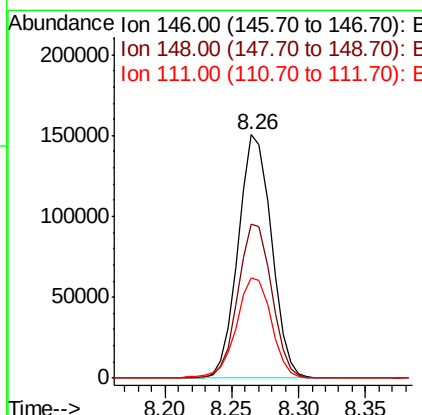
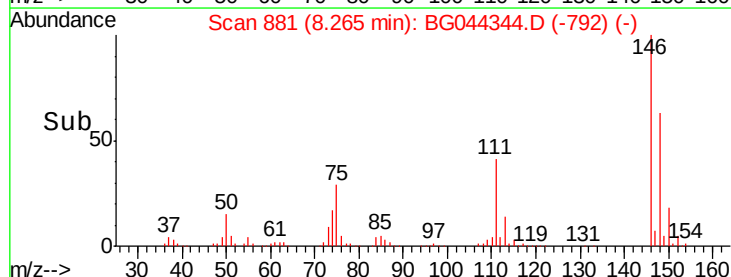
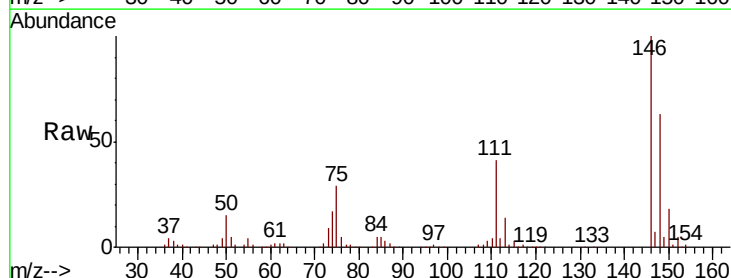
Manual Integrations
 APPROVED

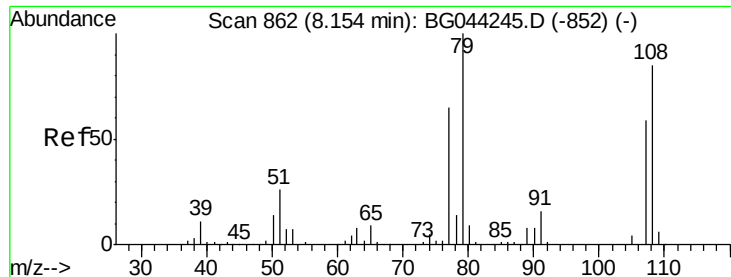
mohammad
 2/11/2020 8:26:10 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.321 ng
 RT: 8.26 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	41.4	34.0	51.0





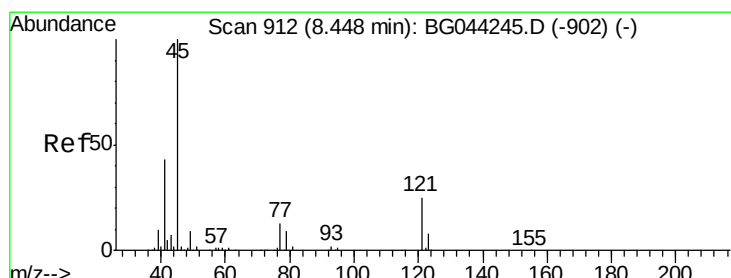
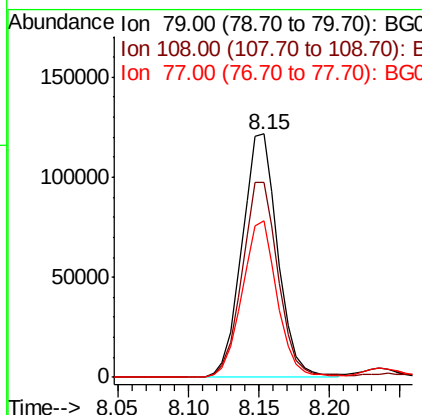
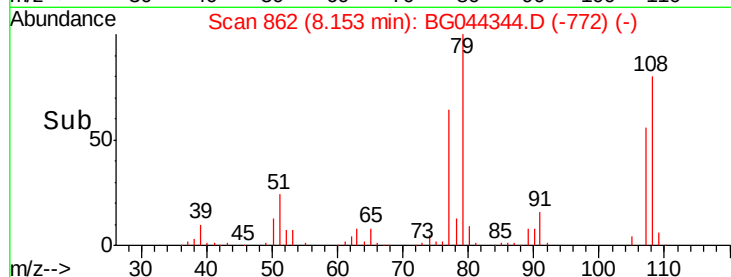
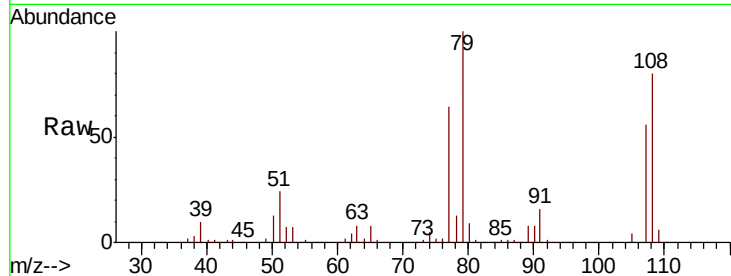
#15
Benzyl Alcohol
Concen: 44.191 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	68.3	102.5
77	64.4	51.8	77.8

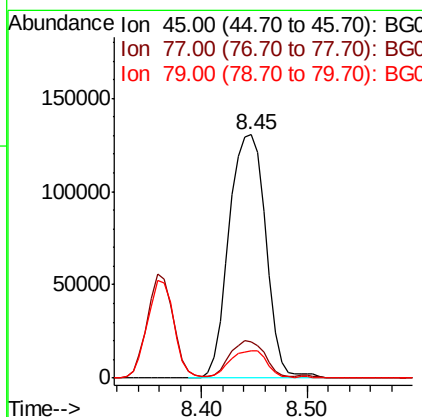
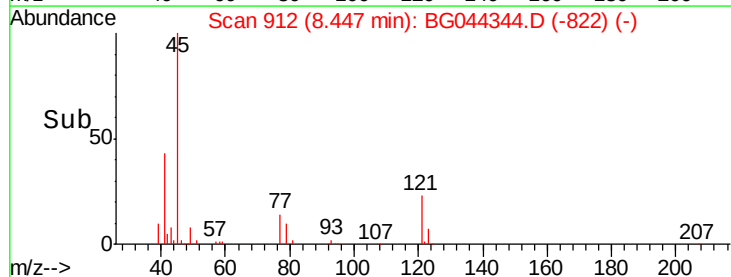
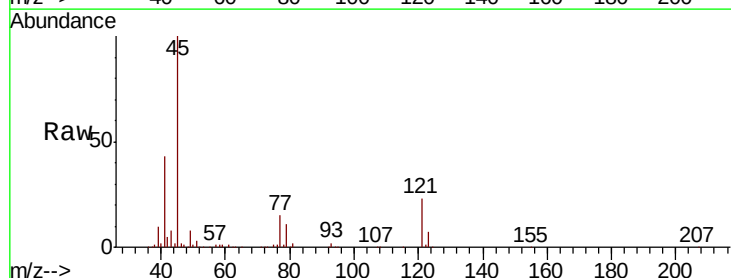
Manual Integrations
APPROVED

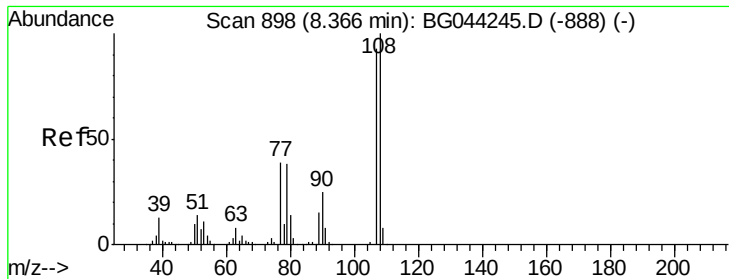
mohammad
2/11/2020 8:26:10 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.015 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	11.0	0.0	31.1





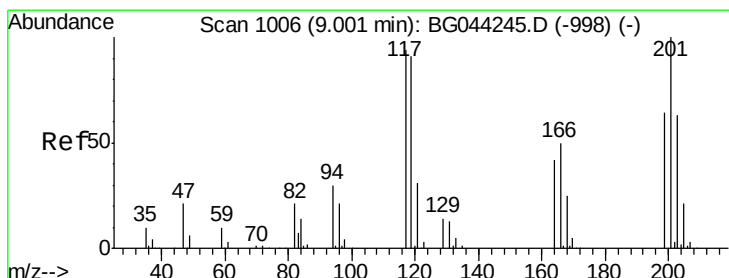
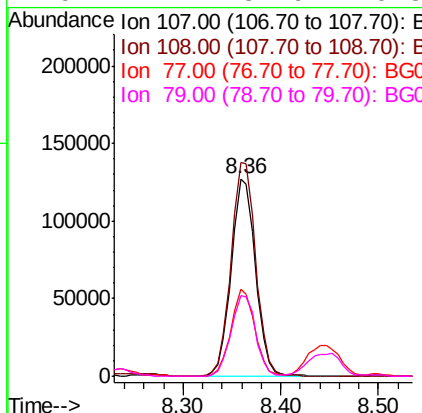
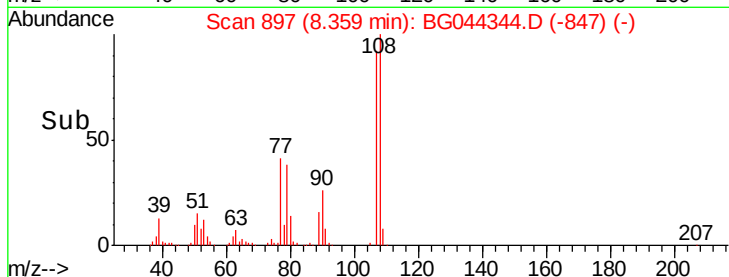
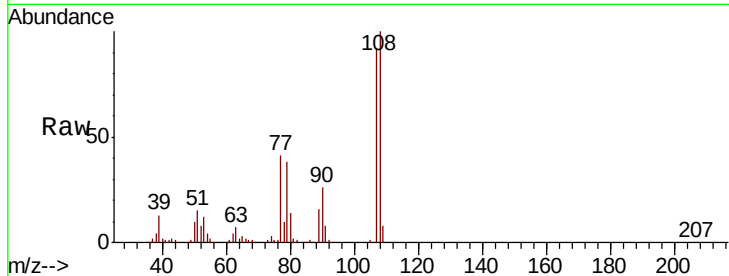
#17
2-Methylphenol
Concen: 45.341 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	220171		
108	108.2	86.4	129.6	
77	43.9	34.0	51.0	
79	41.1	32.9	49.3	

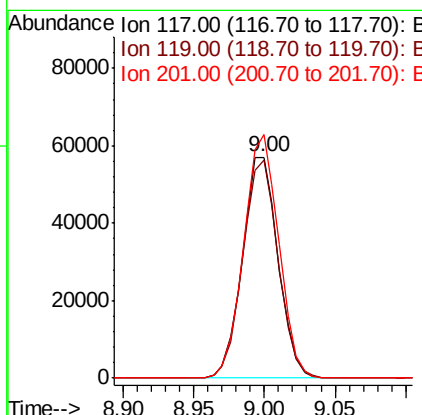
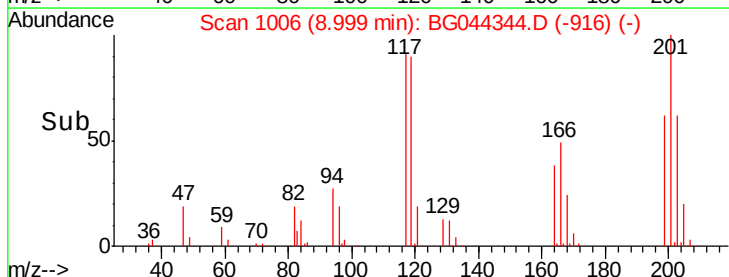
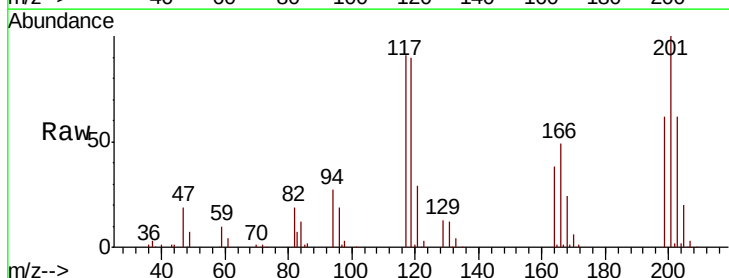
Manual Integrations
APPROVED

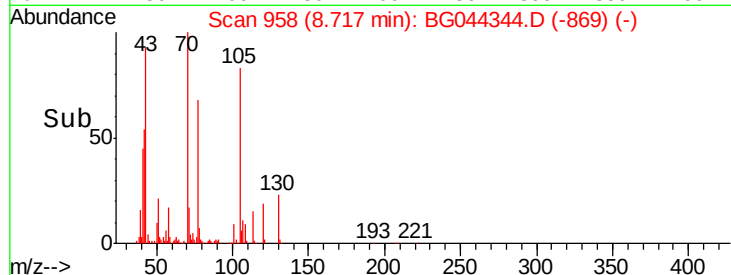
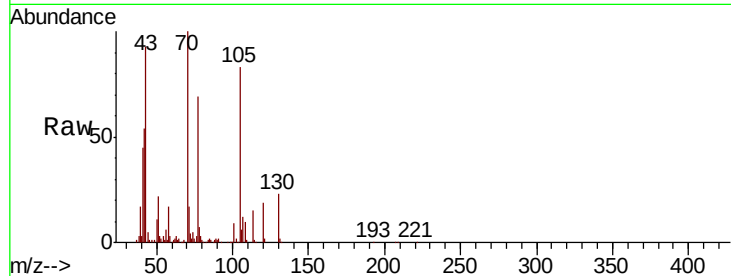
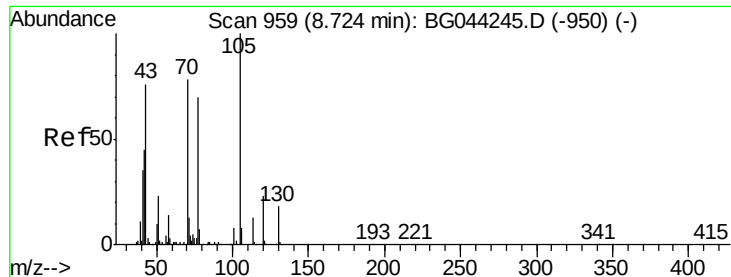
mohammad
2/11/2020 8:26:10 AM



#18
Hexachloroethane
Concen: 40.438 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100998		
119	98.6	77.5	116.3	
201	110.1	84.9	127.3	





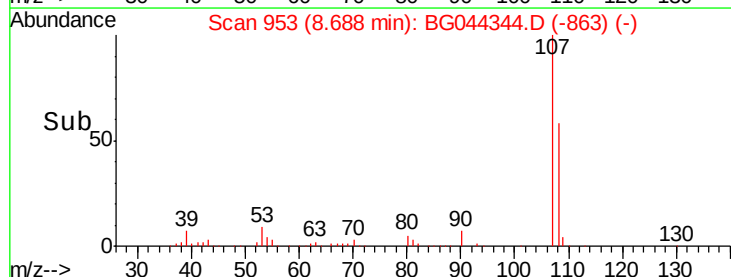
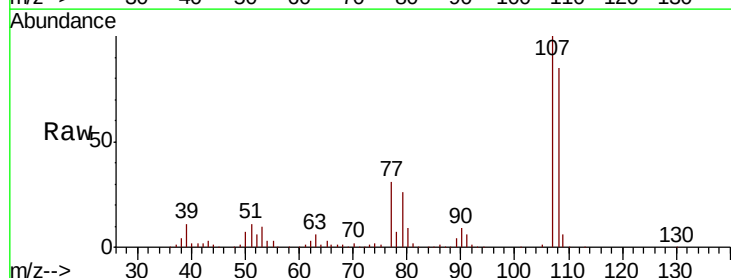
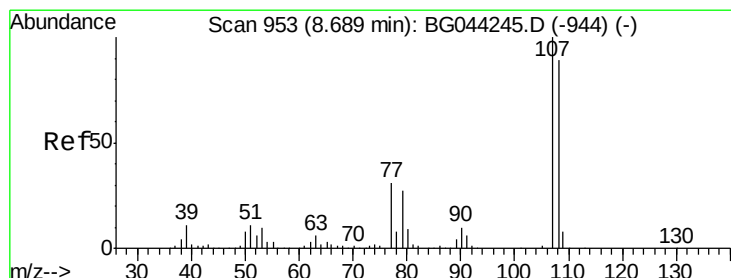
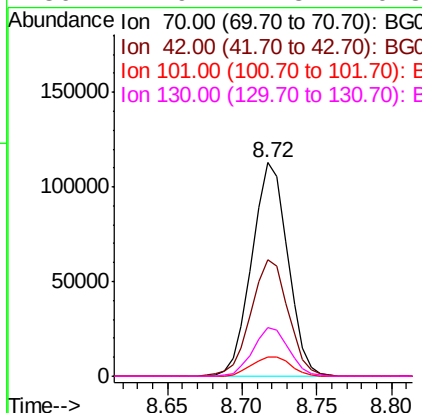
#19
n-Nitroso-di-n-propylamine
Concen: 41.014 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.2	69.2
101	9.1	8.4	12.6
130	22.9	17.8	26.8

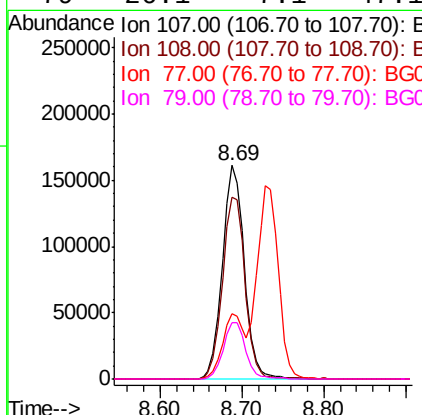
Manual Integrations
APPROVED

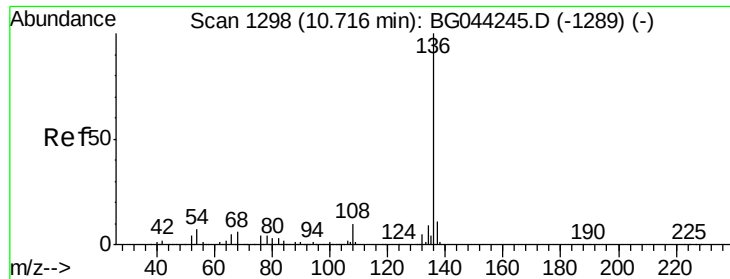
mohammad
2/11/2020 8:26:10 AM



#20
3+4-Methylphenols
Concen: 44.876 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.5	108.5
77	30.8	10.9	50.9
79	26.1	7.1	47.1





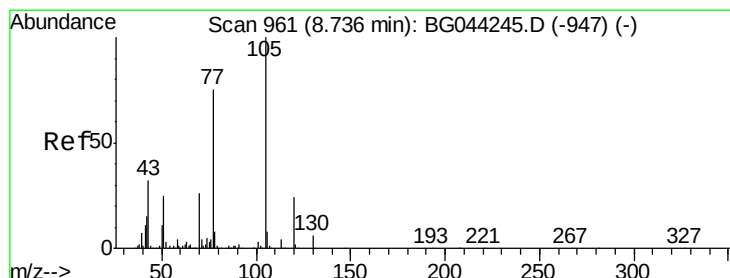
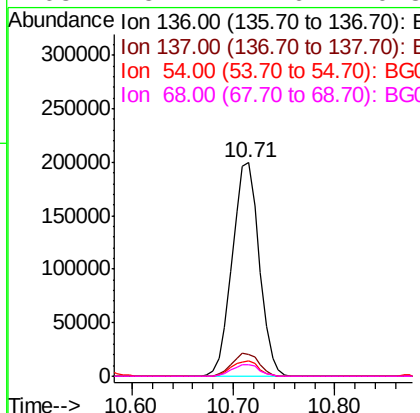
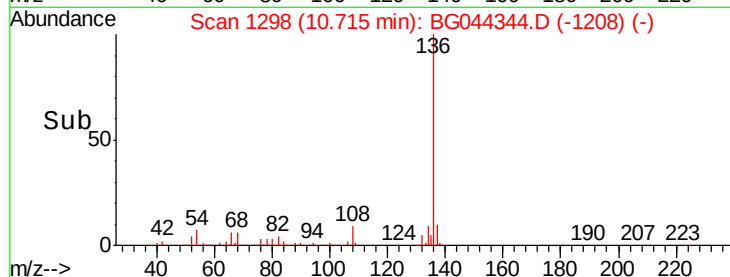
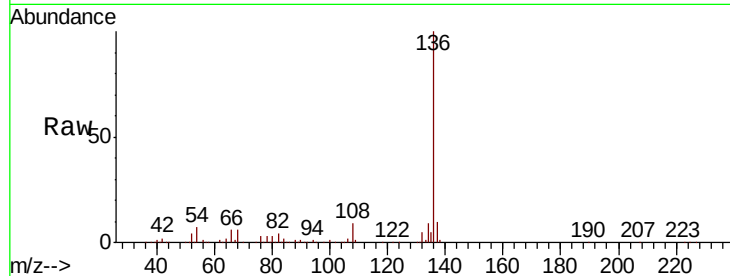
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	368224		
137	10.3		8.8	13.2
54	7.0		5.8	8.8
68	5.7		4.6	6.8

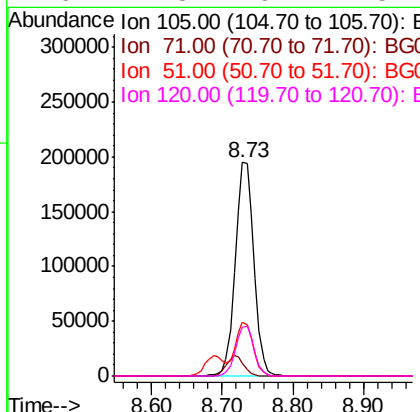
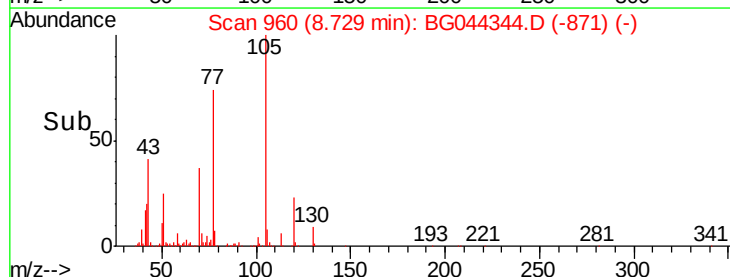
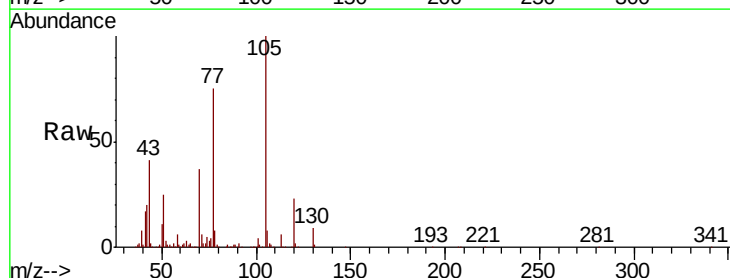
Manual Integrations
APPROVED

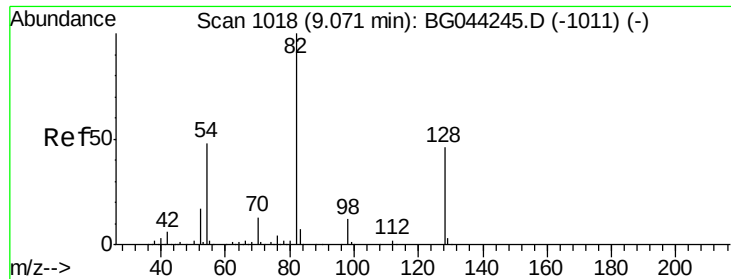
mohammad
2/11/2020 8:26:10 AM



#22
Acetophenone
Concen: 39.619 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354896		
71	6.0		3.4	5.0#
51	25.0		20.2	30.4
120	22.8		19.1	28.7





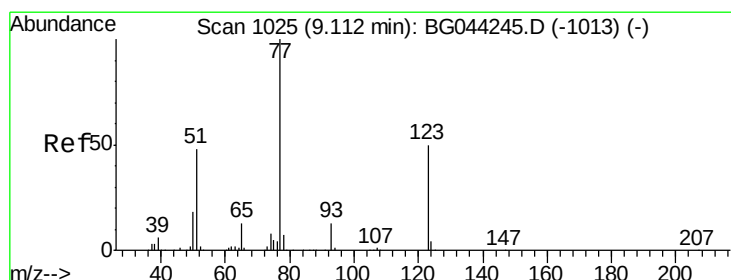
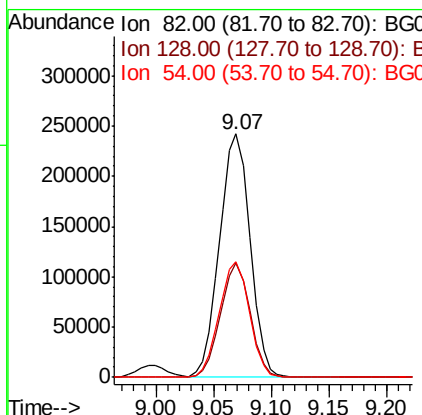
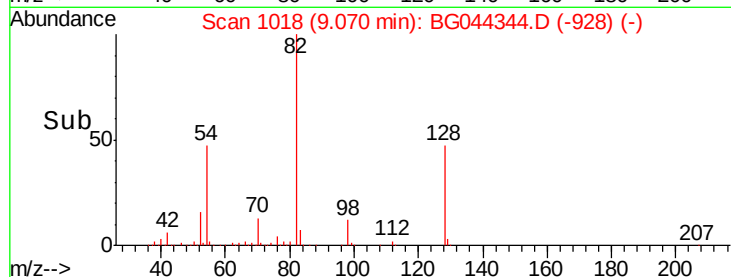
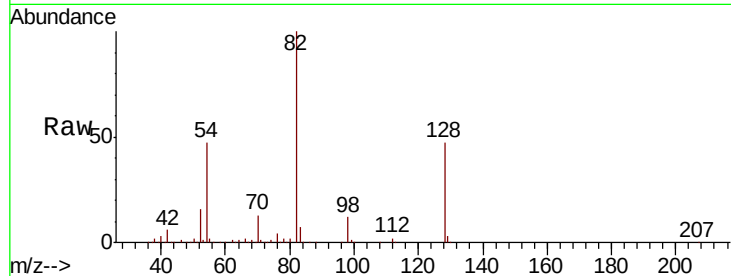
#23
 Nitrobenzene-d5
 Concen: 68.067 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	36.5	54.7	
54	47.3	38.6	58.0	

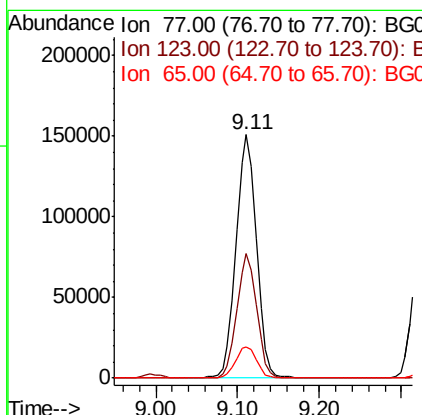
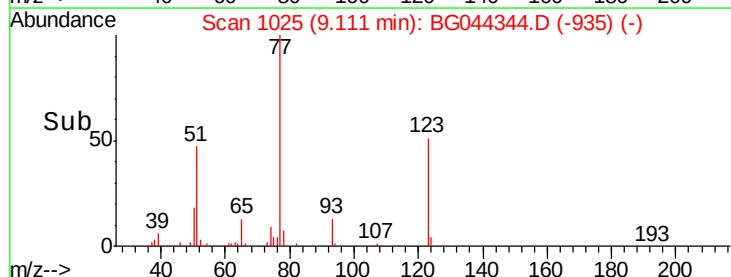
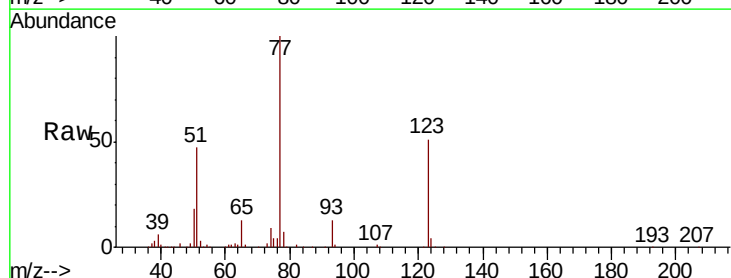
Manual Integrations
 APPROVED

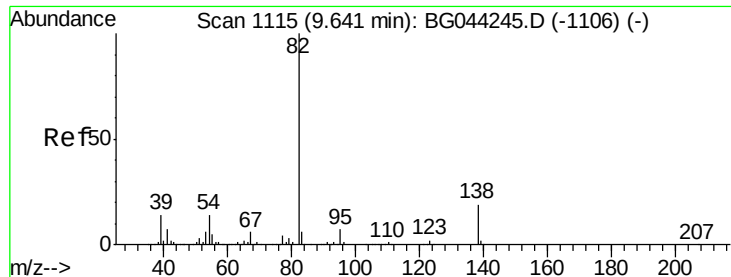
mohammad
 2/11/2020 8:26:10 AM



#24
 Nitrobenzene
 Concen: 41.468 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.4	39.9	59.9	
65	12.6	10.4	15.6	





#25

Isophorone

Concen: 41.225 ng

RT: 9.63 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

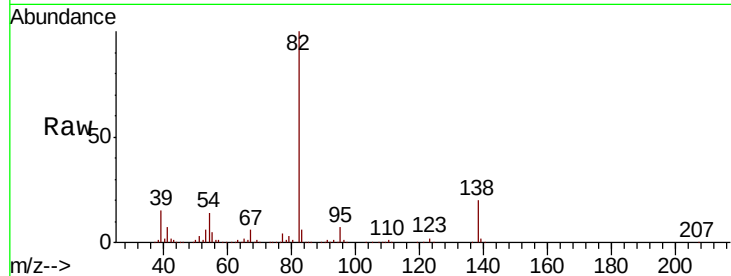
ClientSampleId :

06MS

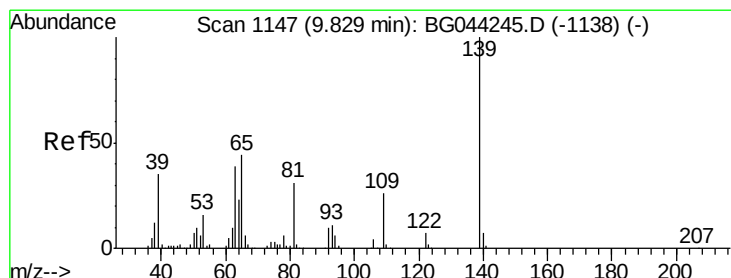
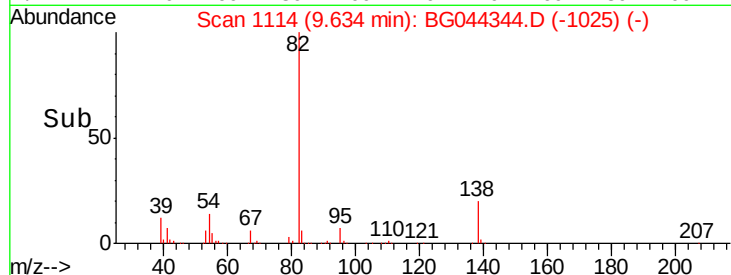
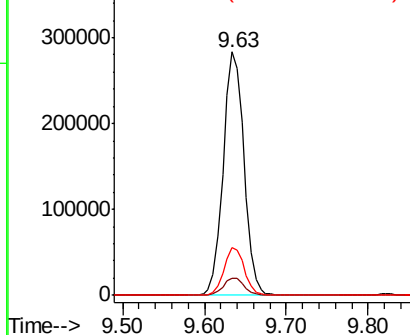
Tot Ion:	82	Resp:	501158
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	19.6	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



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



#26

2-Nitrophenol

Concen: 44.517 ng

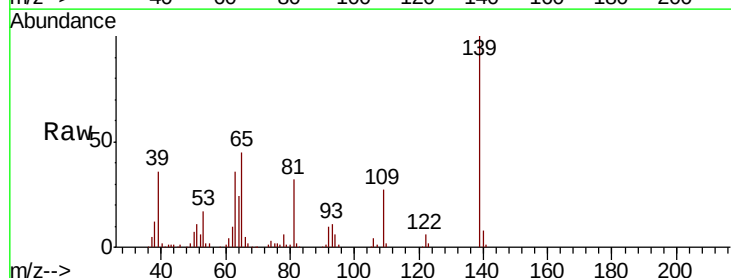
RT: 9.82 min Scan# 1146

Delta R.T. -0.01 min

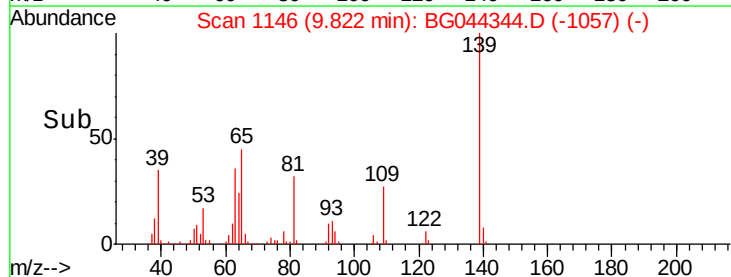
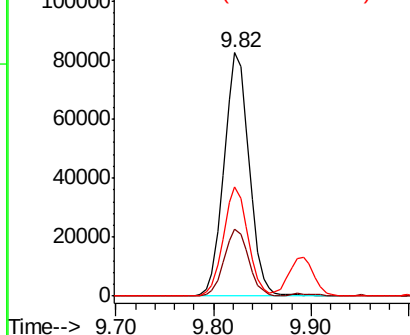
Lab File: BG044344.D

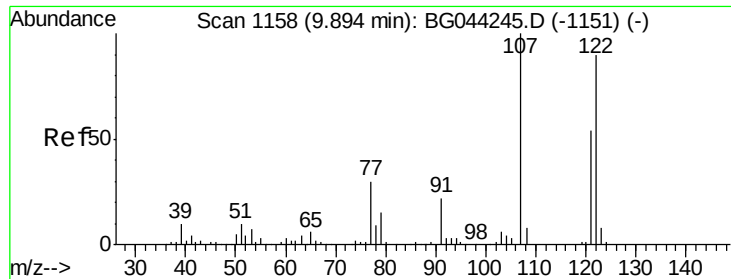
Acq: 7 Feb 2020 19:36

Tgt Ion:	139	Resp:	147082
Ion Ratio	Lower	Upper	
139	100		
109	27.5	21.0	31.4
65	45.1	35.0	52.4



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





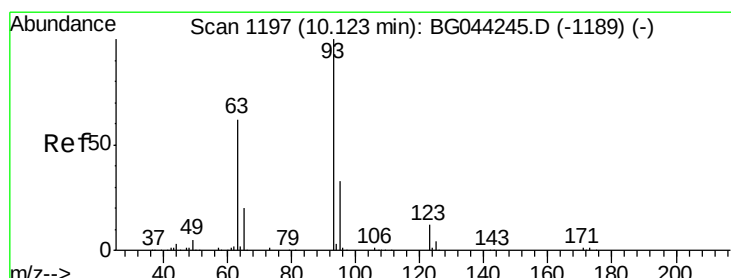
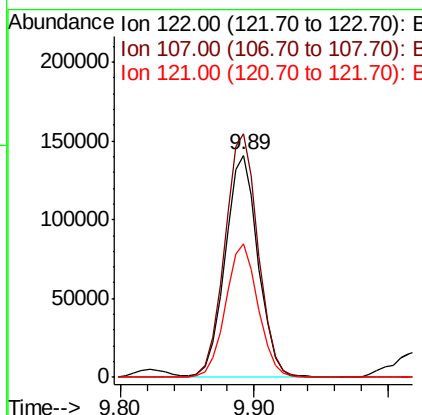
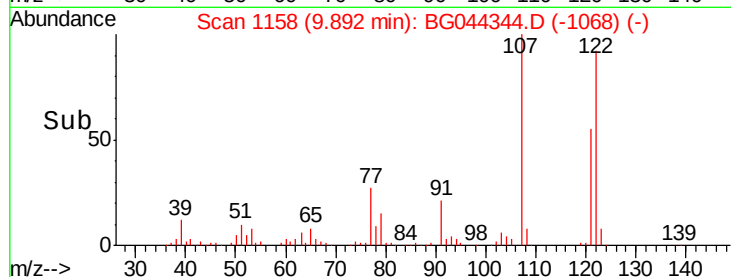
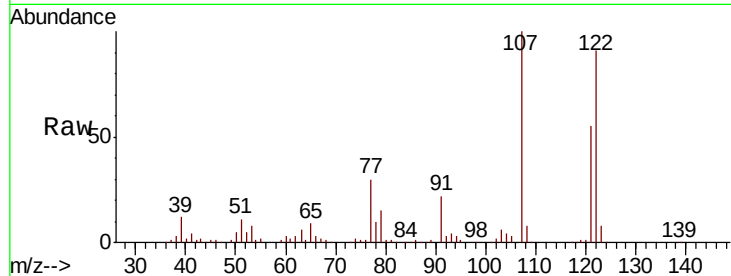
#27
2,4-Dimethylphenol
Concen: 51.619 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		240743		
107	109.4	88.8	133.2		
121	60.1	48.3	72.5		

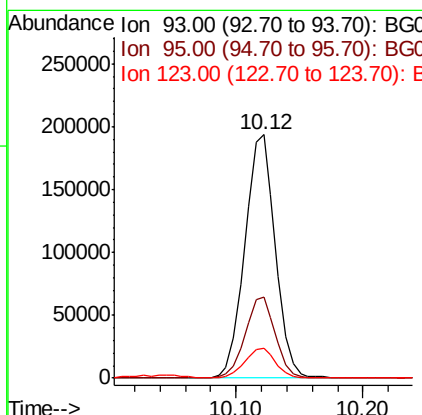
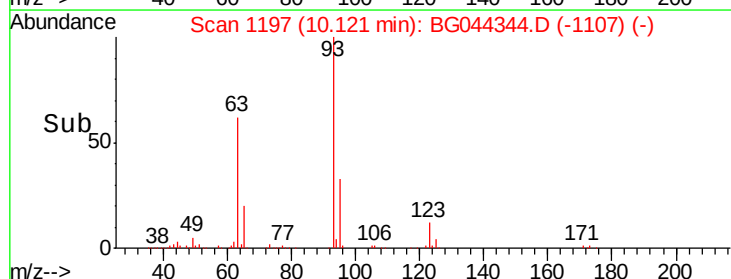
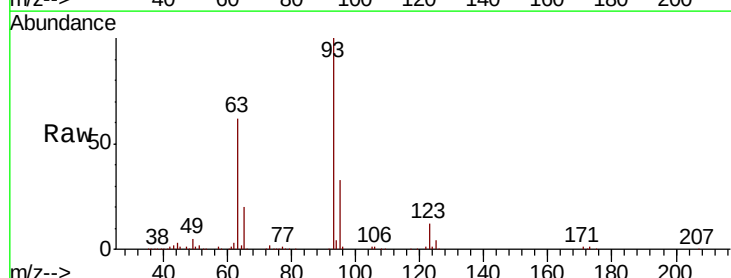
Manual Integrations
APPROVED

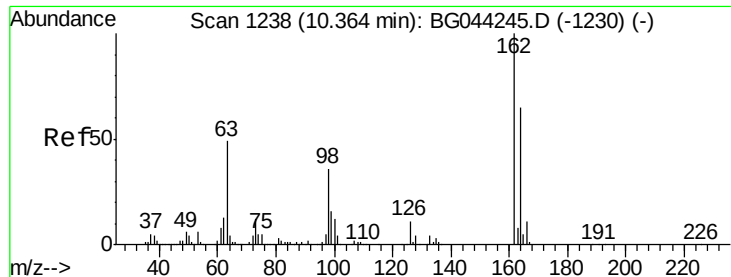
mohammad
2/11/2020 8:26:10 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.830 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		323007		
95	33.3	26.6	40.0		
123	12.3	10.0	15.0		





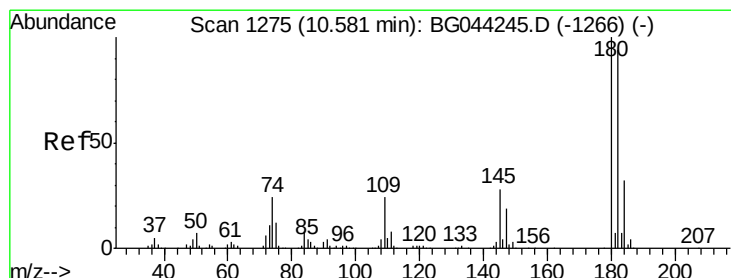
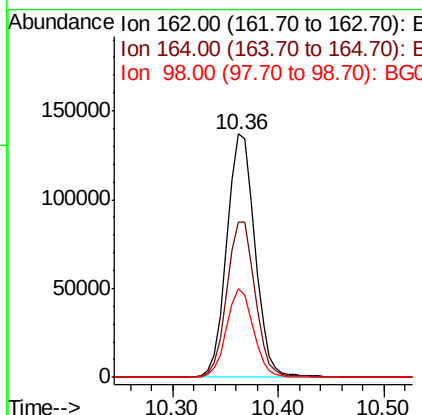
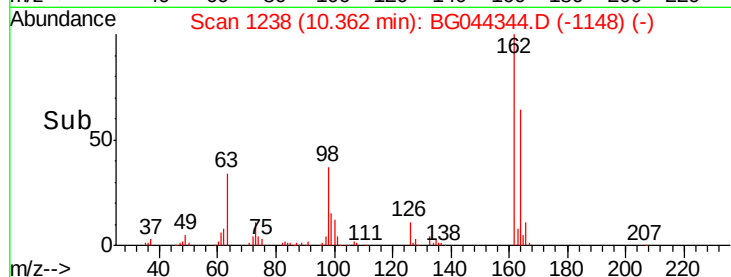
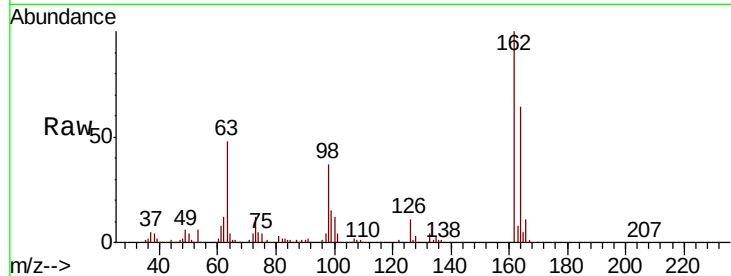
#29
 2,4-Dichlorophenol
 Concen: 44.764 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		252441		
164	63.6	44.7	84.7		
98	36.6	15.8	55.8		

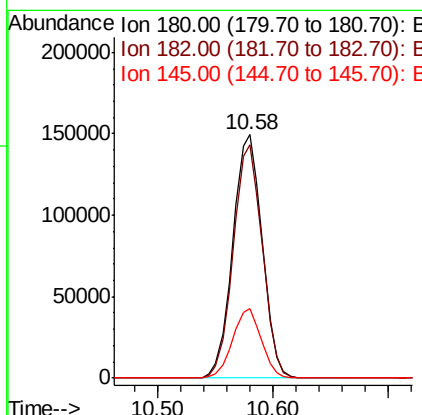
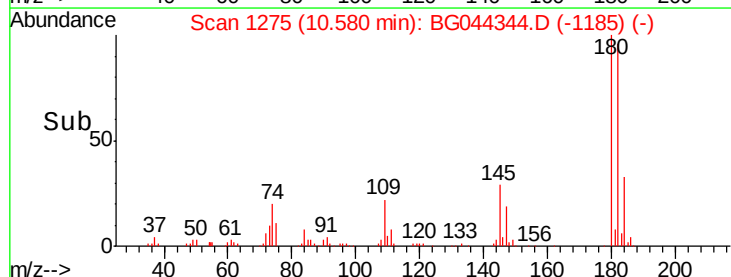
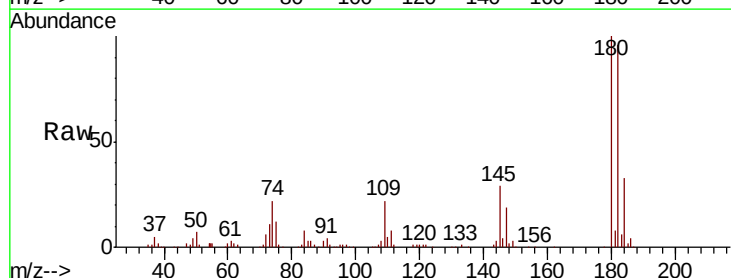
Manual Integrations
 APPROVED

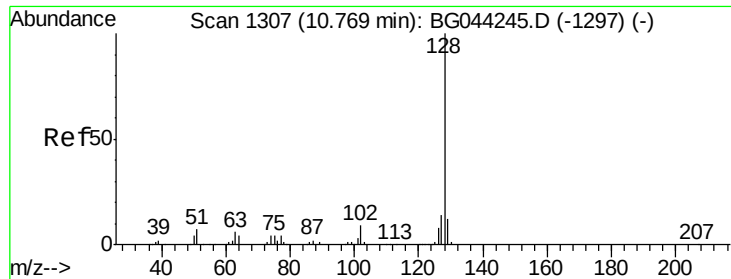
mohammad
 2/11/2020 8:26:10 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.630 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		262732		
182	95.8	75.5	113.3		
145	28.5	22.6	34.0		





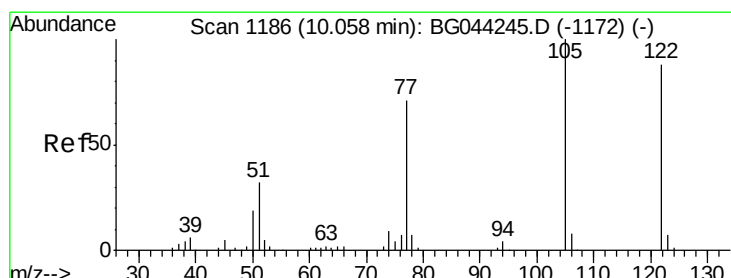
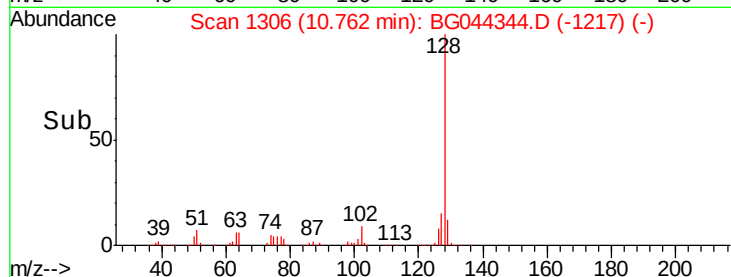
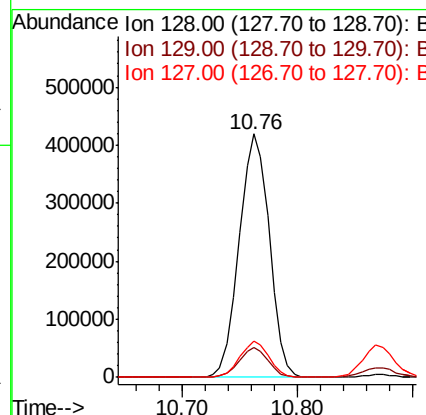
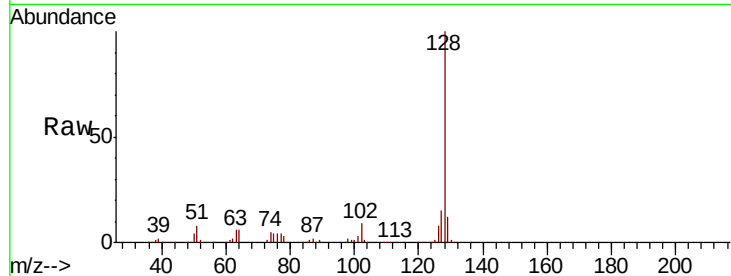
#31
Naphthalene
Concen: 42.358 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.7	11.6	17.4

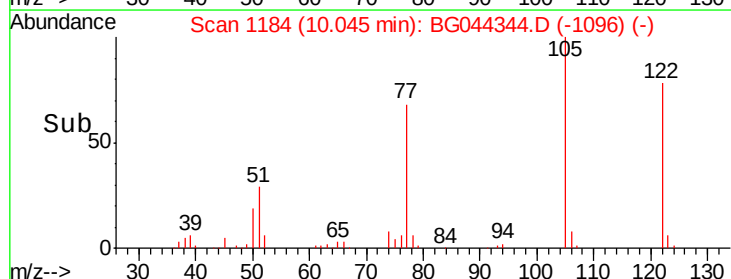
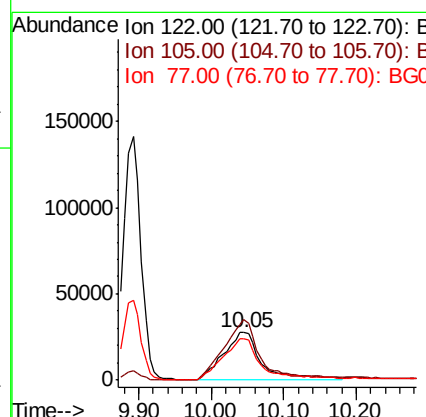
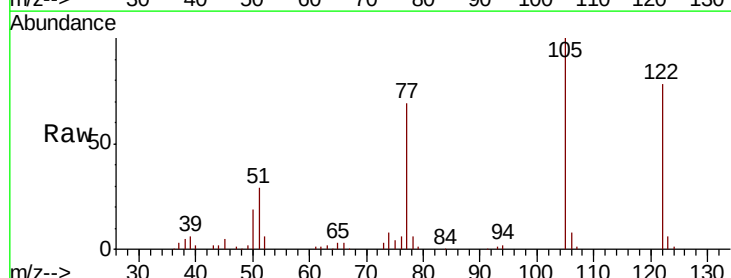
Manual Integrations
APPROVED

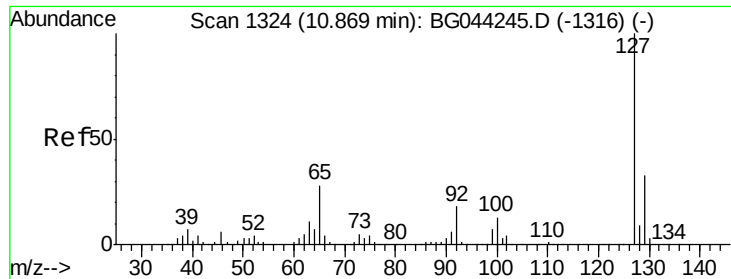
mohammad
2/11/2020 8:26:10 AM



#32
Benzoic acid
Concen: 36.870 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	93.5	133.5
77	87.7	61.0	101.0





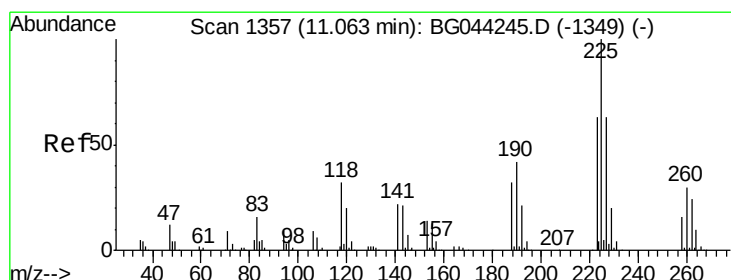
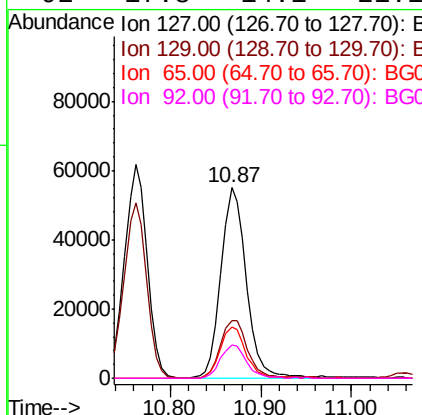
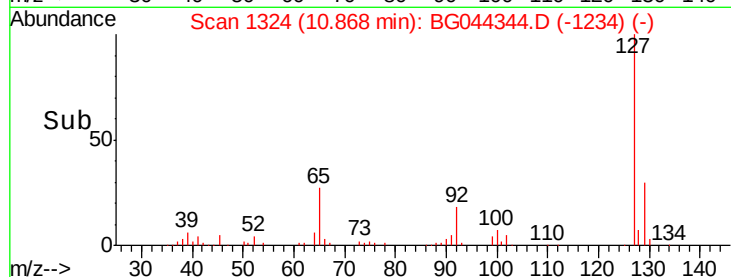
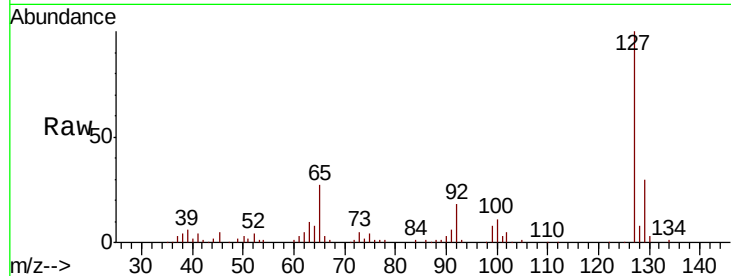
#33
4-Chloroaniline
Concen: 13.294 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.6	40.0
65	26.9	22.5	33.7
92	17.8	14.1	21.1

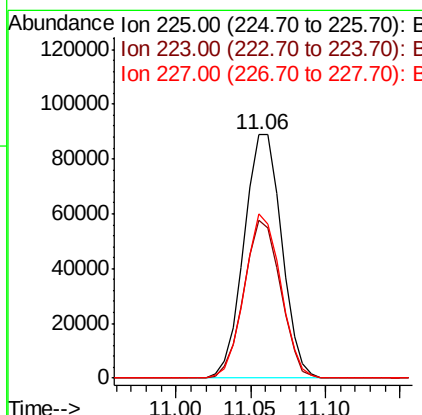
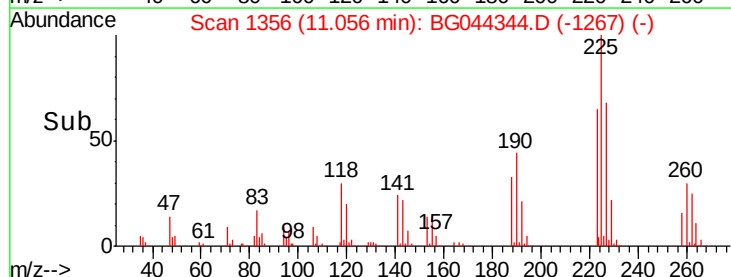
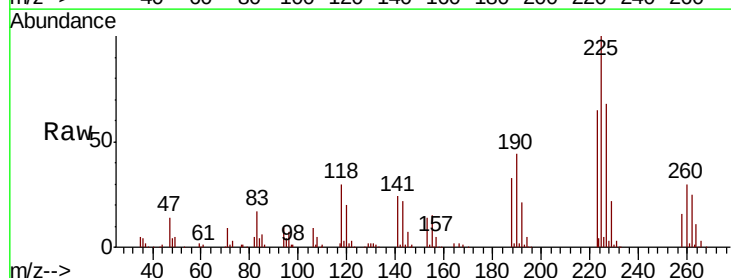
Manual Integrations
APPROVED

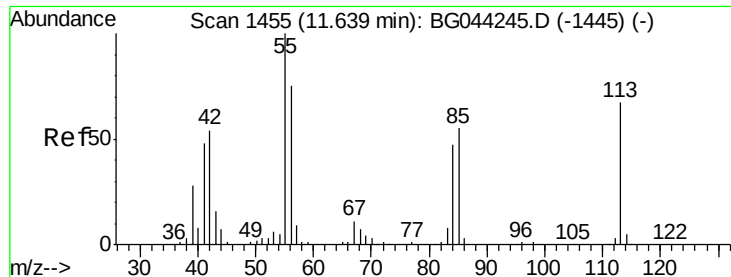
mohammad
2/11/2020 8:26:10 AM



#34
Hexachlorobutadiene
Concen: 39.067 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.2	75.4
227	67.6	50.8	76.2





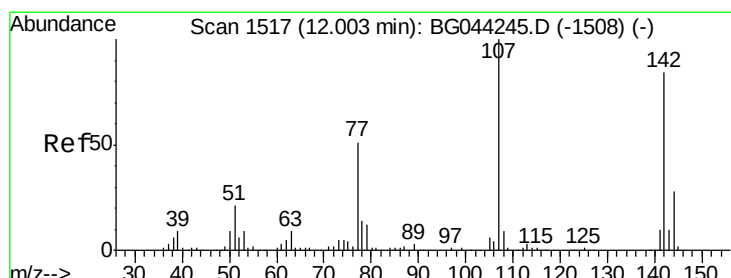
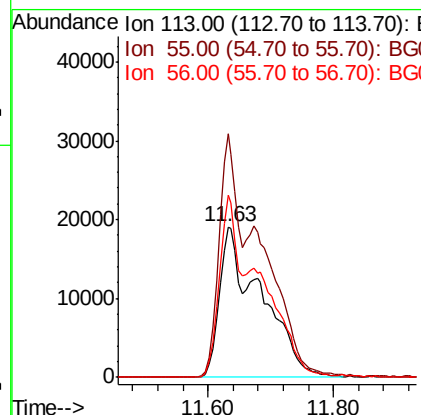
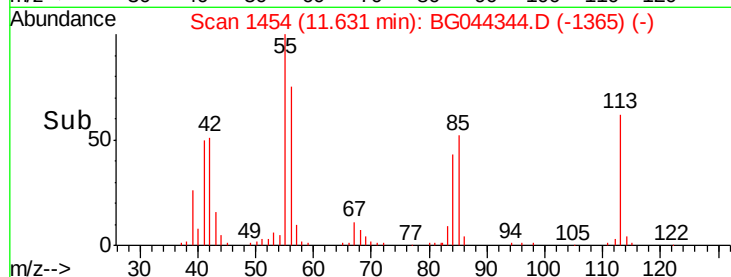
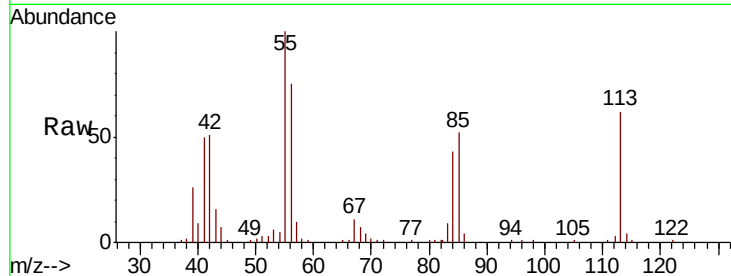
#35
 Caprolactam
 Concen: 42.740 ng/ml
 RT: 11.63 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleID :
 06MS

Tot Ion: 113 Resp: 88293
 Ion Ratio Lower Upper
 113 100
 55 161.6 129.9 169.9
 56 121.2 92.5 132.5

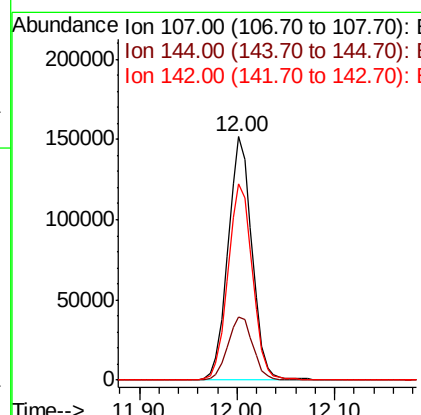
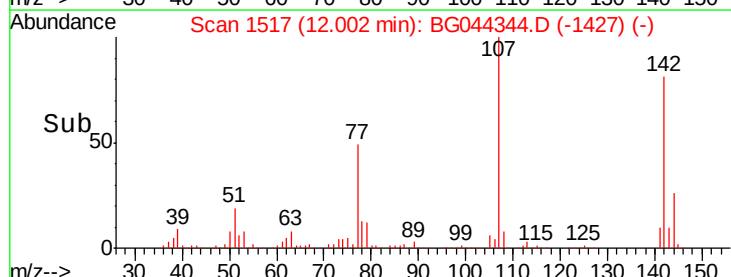
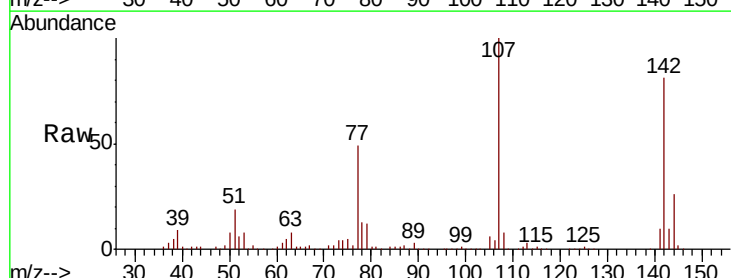
Manual Integrations
 APPROVED

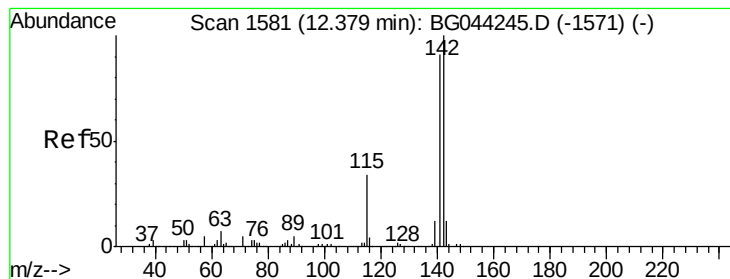
mohammad
 2/11/2020 8:26:10 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.771 ng/ml
 RT: 12.00 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion: 107 Resp: 258805
 Ion Ratio Lower Upper
 107 100
 144 25.8 22.2 33.4
 142 80.9 67.4 101.0





#37

2-Methylnaphthalene

Concen: 41.826 ng

RT: 12.37 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

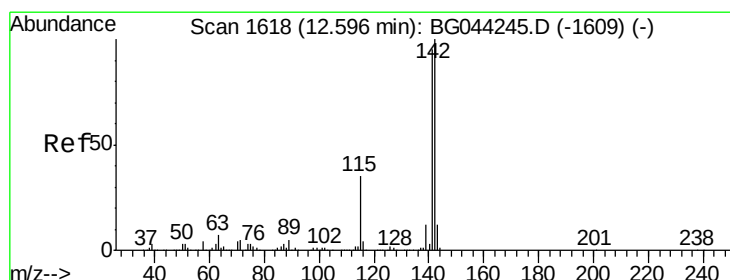
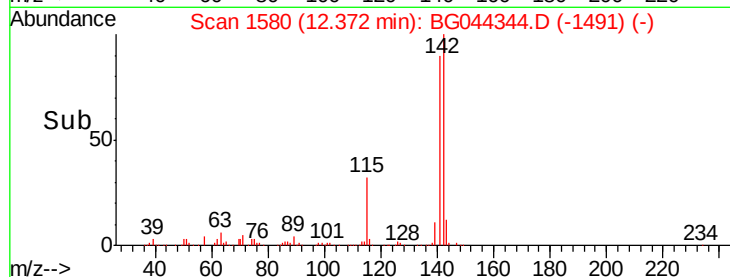
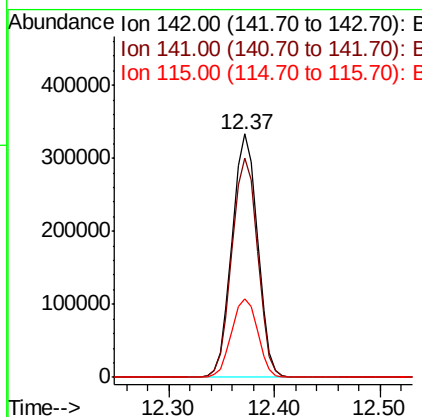
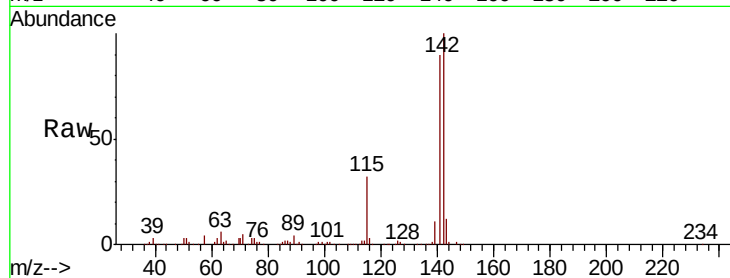
ClientSampleId :

06MS

Tot Ion:	142	Resp:	554792
Ion Ratio	Lower	Upper	
142	100		
141	90.3	73.2	109.8
115	32.4	27.1	40.7

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



#38

1-Methylnaphthalene

Concen: 41.943 ng

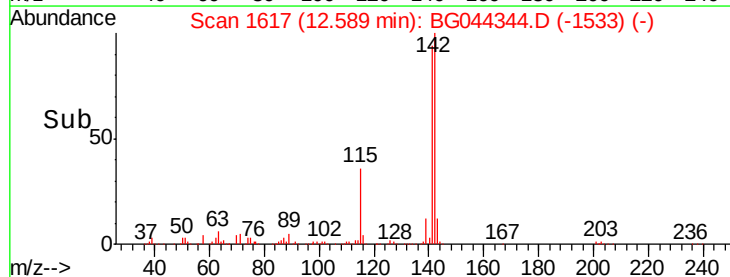
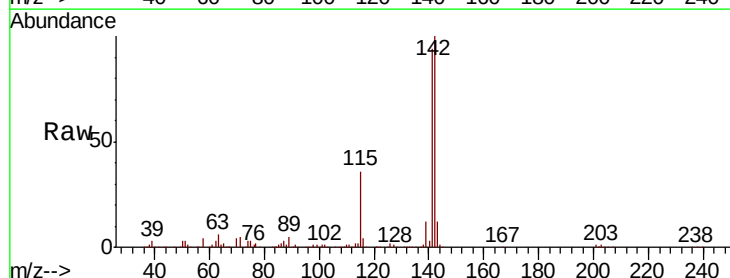
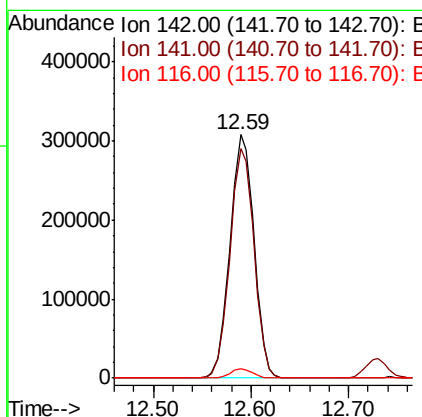
RT: 12.59 min Scan# 1617

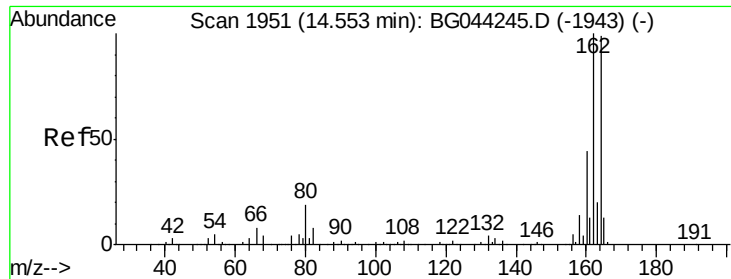
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	142	Resp:	524513
Ion Ratio	Lower	Upper	
142	100		
141	94.3	75.8	113.6
116	3.7	3.1	4.7





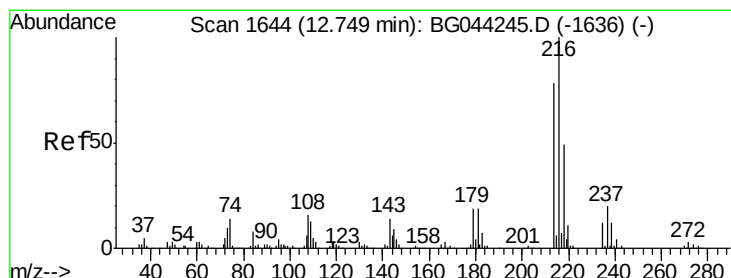
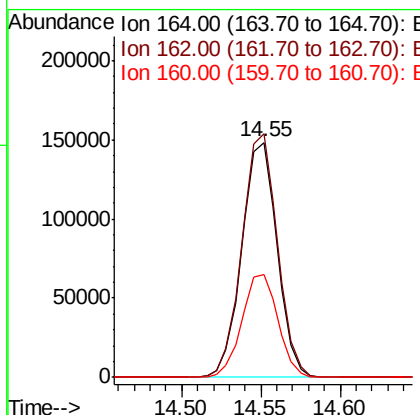
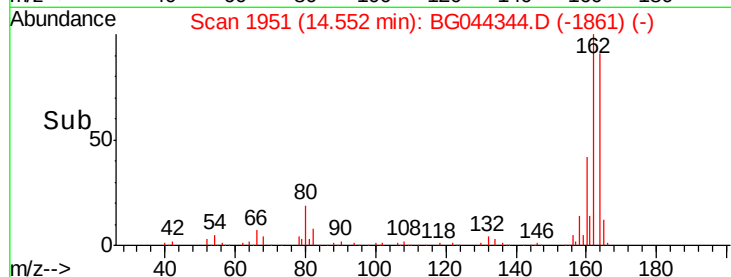
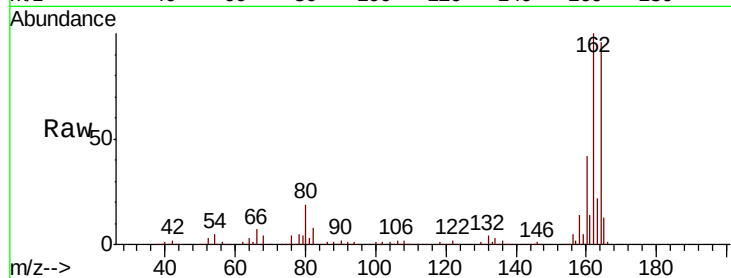
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.1	35.3	52.9

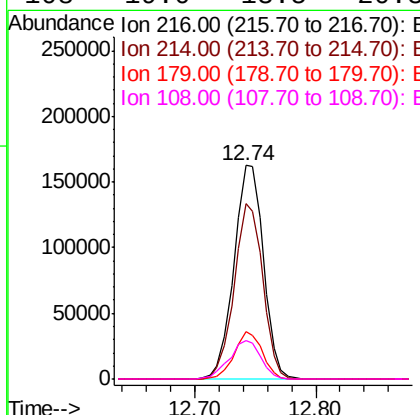
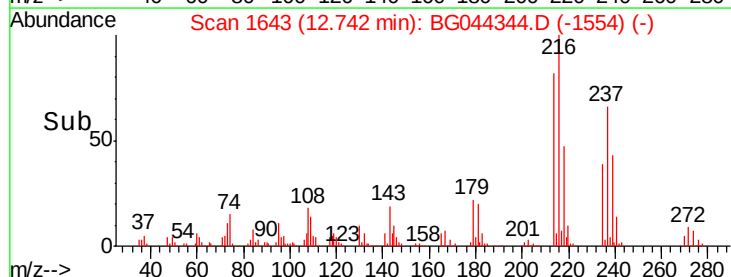
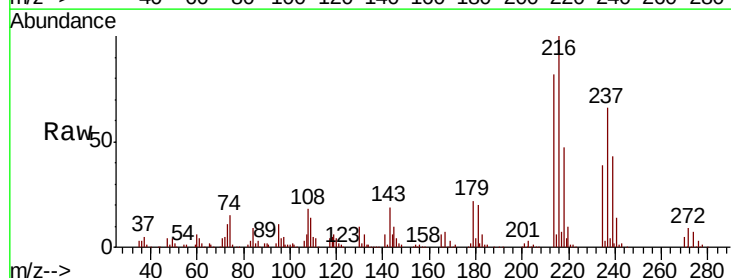
Manual Integrations
APPROVED

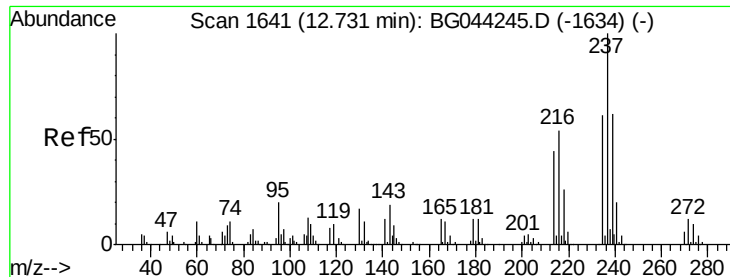
mohammad
2/11/2020 8:26:10 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.299 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.9	16.2	24.4
108	19.0	13.5	20.3





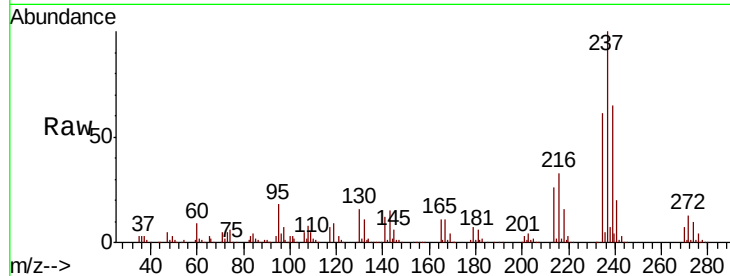
#41
Hexachlorocyclopentadiene
Concen: 101.536 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampled :
06MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	41.2	81.2
272	12.8	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

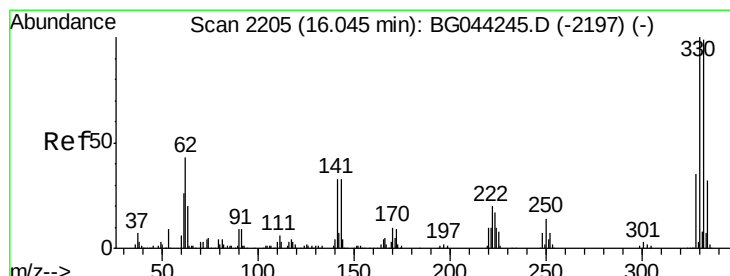
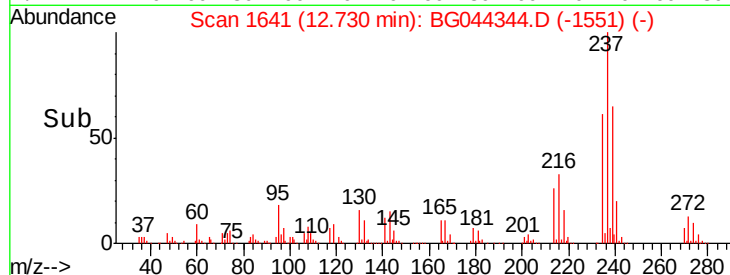
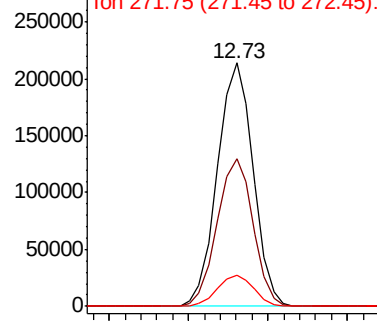


Abundance

Ion 236.80 (236.50 to 237.50): E

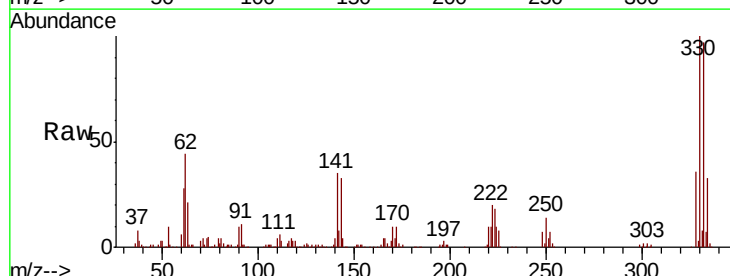
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 101.676 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	77.2	115.8
141	35.3	28.3	42.5

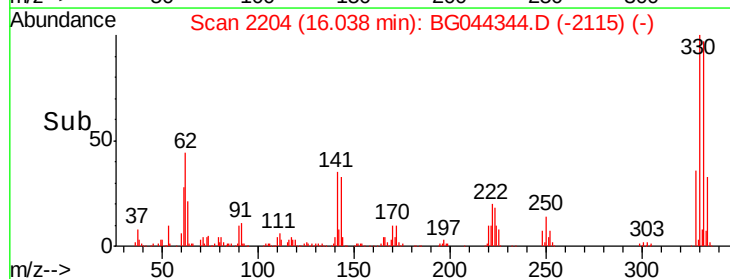
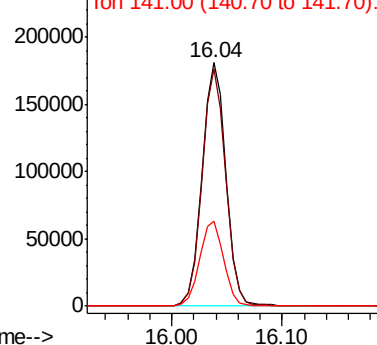


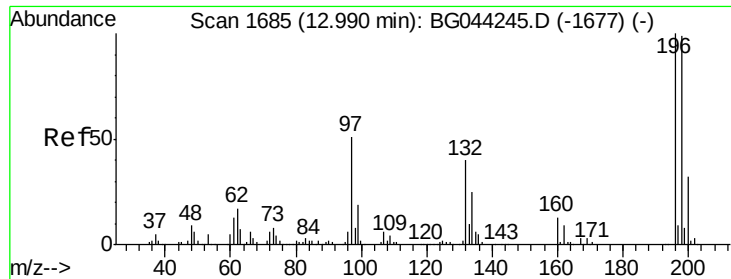
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





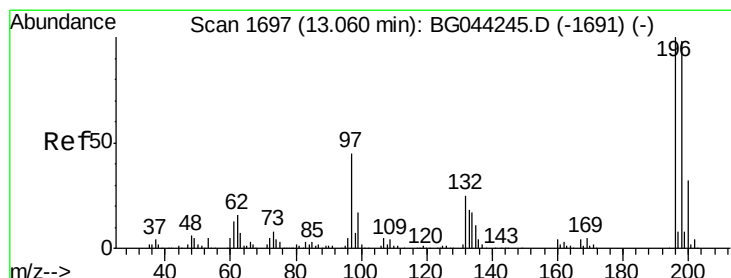
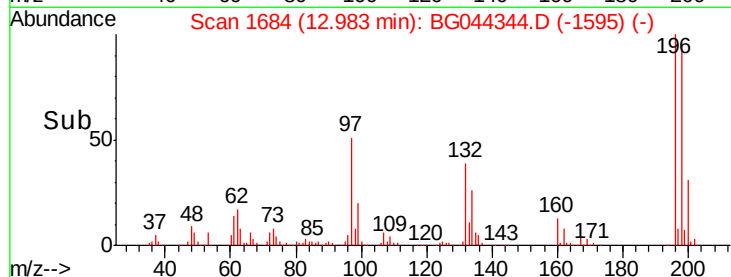
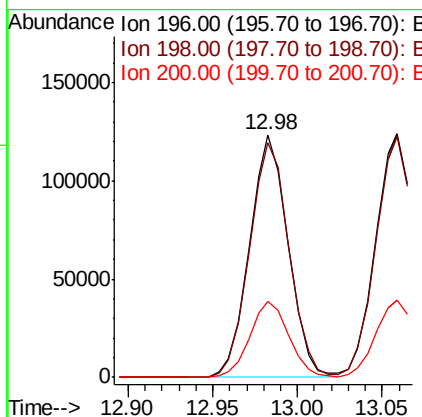
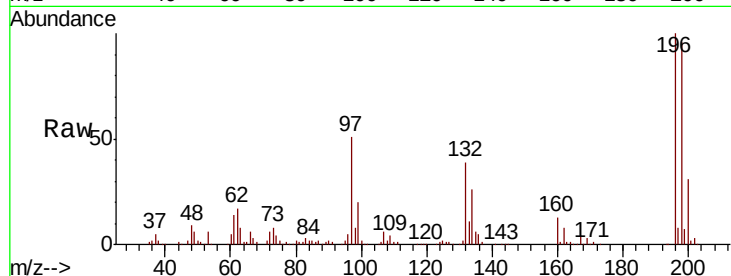
#43
 2,4,6-Trichlorophenol
 Concen: 44.143 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampled :
 06MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195724		
198	96.4	79.3	118.9	
200	31.0	25.7	38.5	

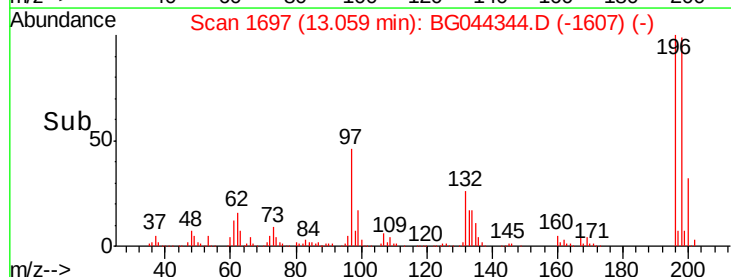
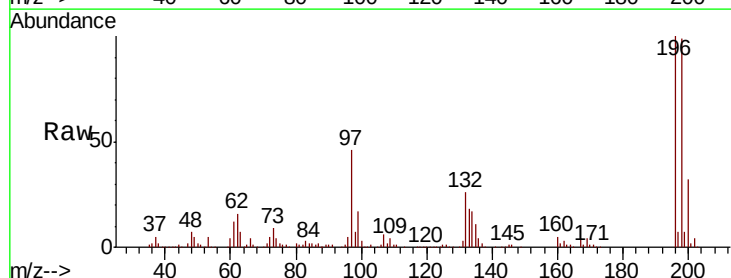
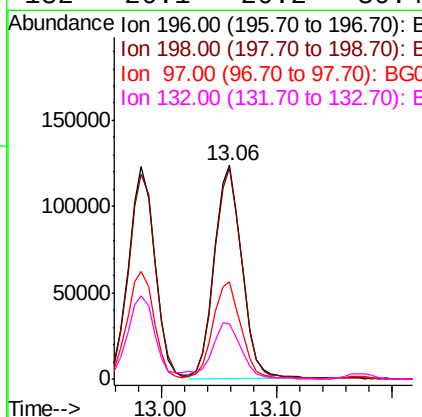
Manual Integrations
 APPROVED

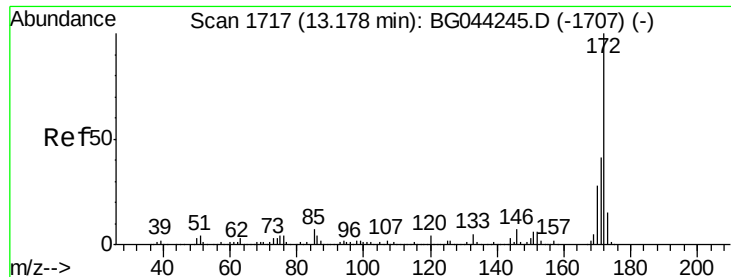
mohammad
 2/11/2020 8:26:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.326 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205269		
198	99.0	78.2	117.2	
97	45.7	36.2	54.4	
132	26.1	20.2	30.4	





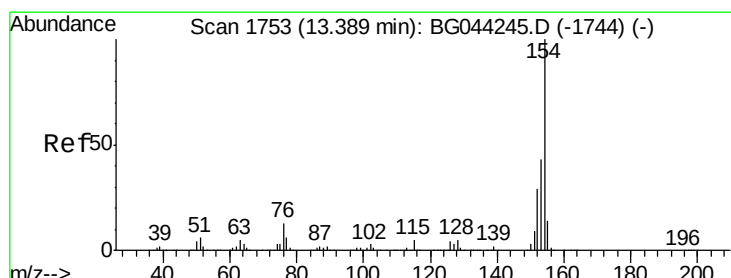
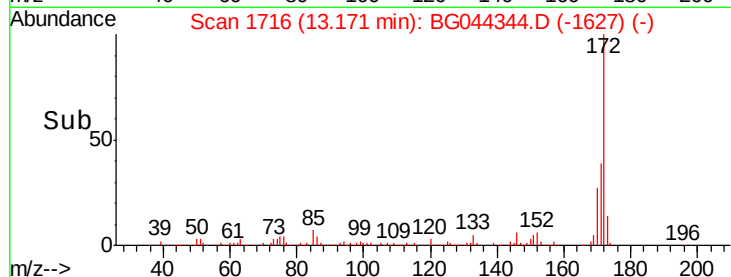
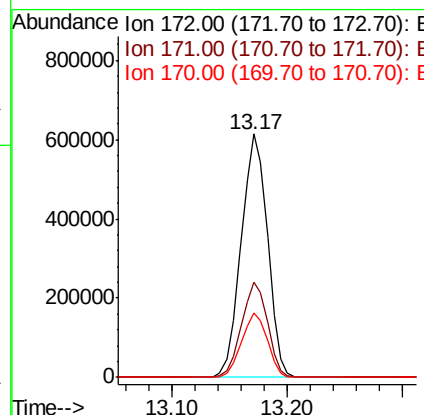
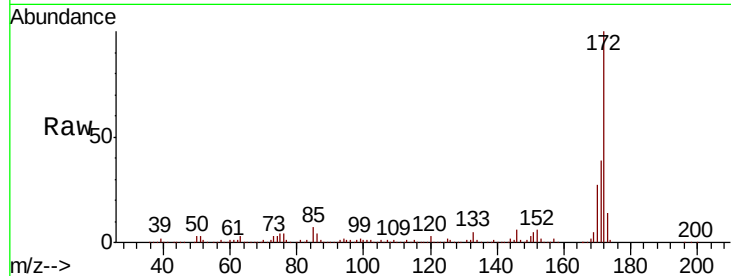
#45
2-Fluorobiphenyl
Concen: 70.730 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	968583		
171	39.1		32.9	49.3
170	26.5		22.0	33.0

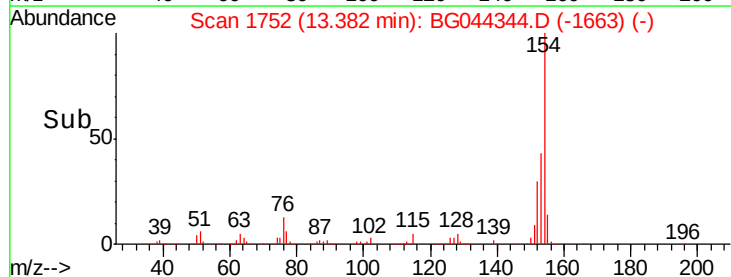
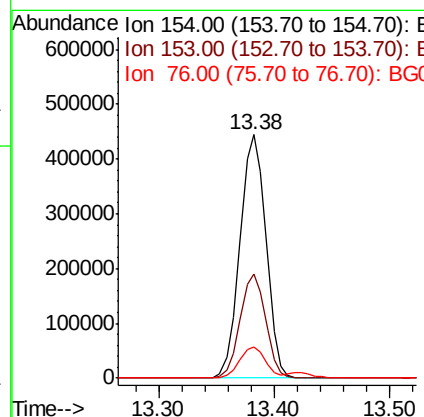
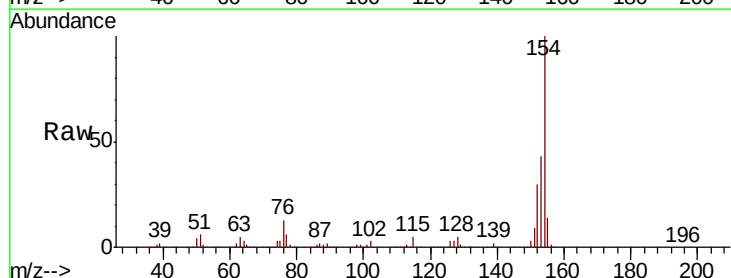
Manual Integrations
APPROVED

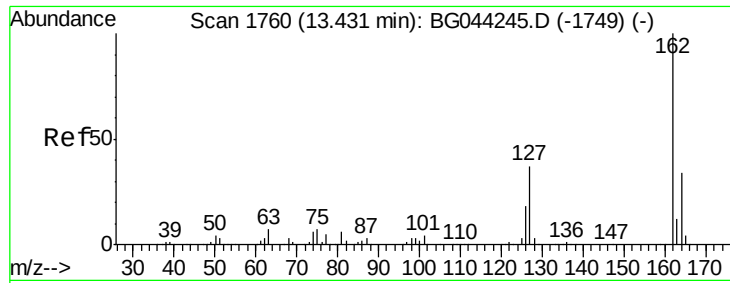
mohammad
2/11/2020 8:26:10 AM



#46
1,1'-Biphenyl
Concen: 41.806 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	691500		
153	42.6		22.7	62.7
76	12.8		0.0	32.9





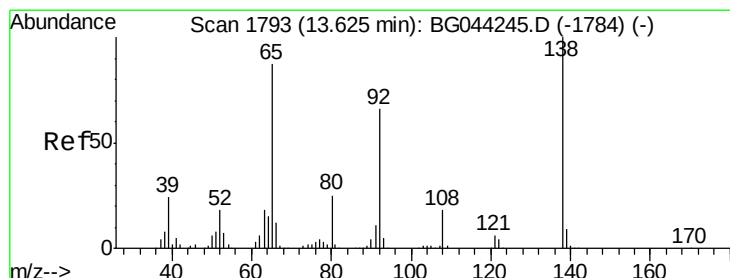
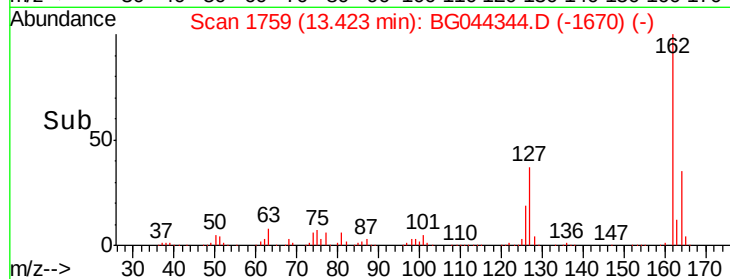
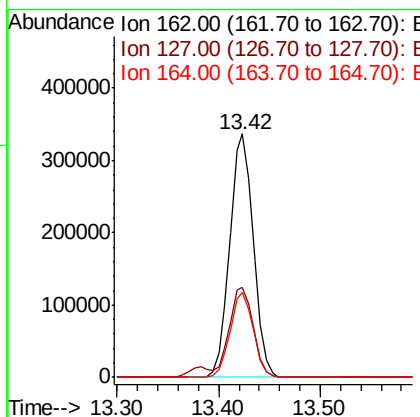
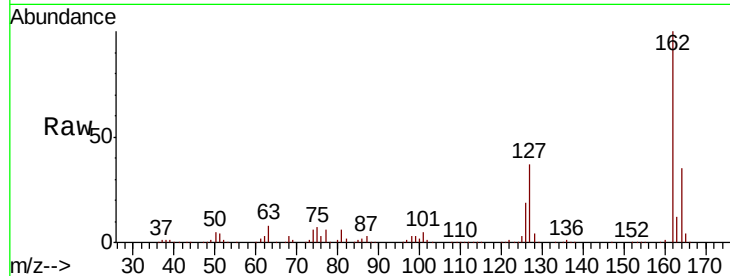
#47
 2-Chloronaphthalene
 Concen: 41.157 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	34.7	27.2	40.8

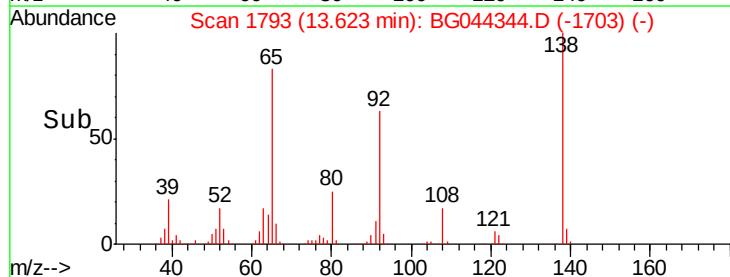
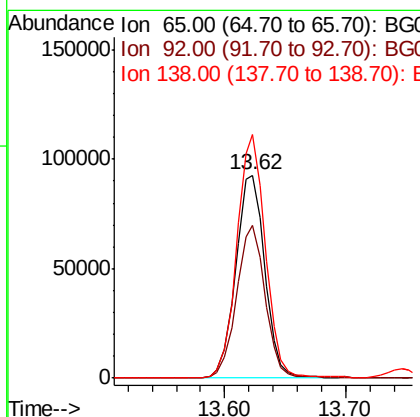
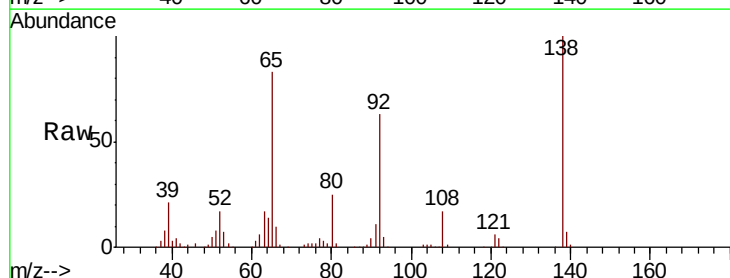
Manual Integrations
 APPROVED

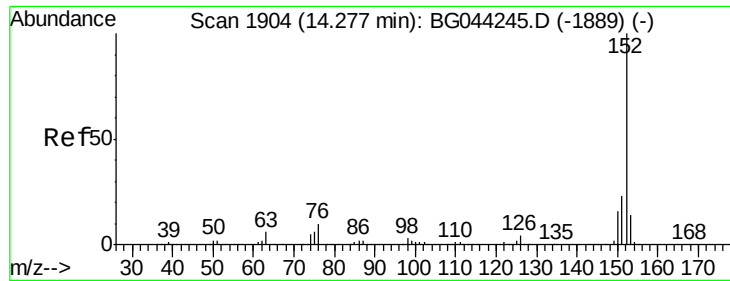
mohammad
 2/11/2020 8:26:10 AM



#48
 2-Nitroaniline
 Concen: 40.240 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	60.3	90.5
138	119.8	91.9	137.9





#49

Acenaphthylene

Concen: 43.858 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

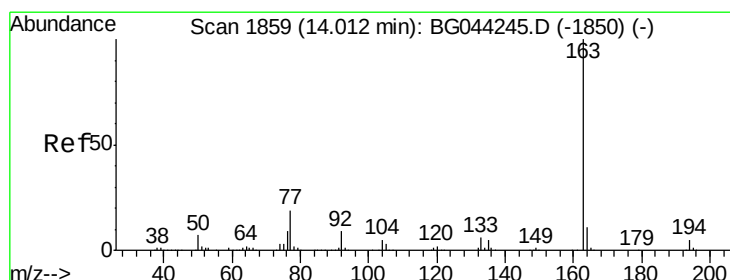
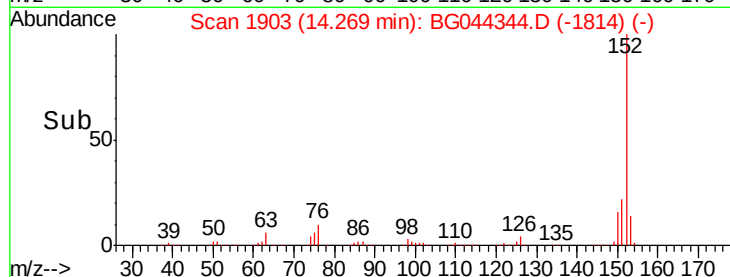
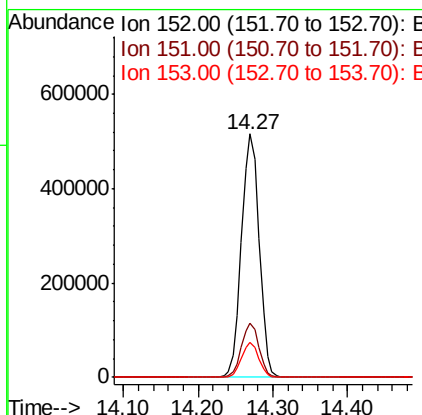
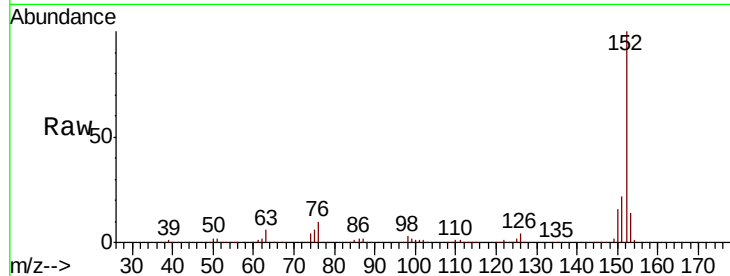
ClientSampleId :

06MS

Tot Ion:	152	Resp:	846699
Ion Ratio	Lower	Upper	
152	100		
151	22.1	18.1	27.1
153	14.4	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



#50

Dimethylphthalate

Concen: 43.277 ng

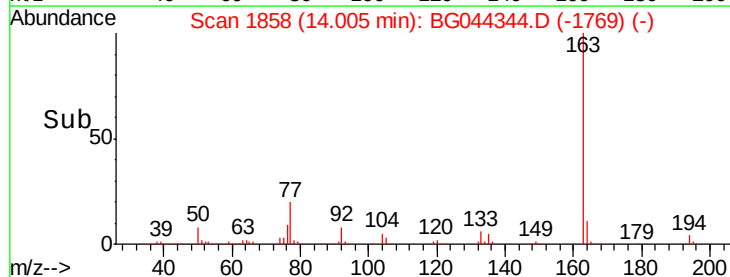
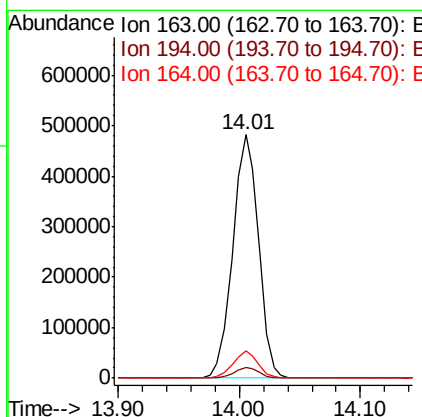
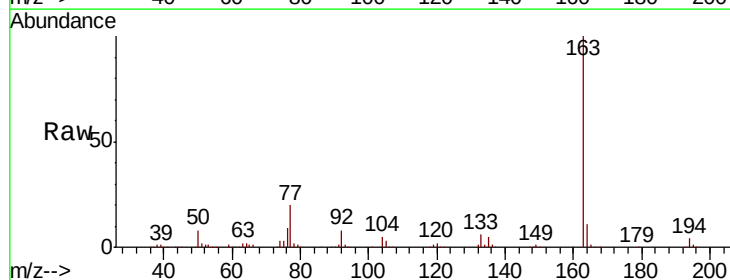
RT: 14.01 min Scan# 1858

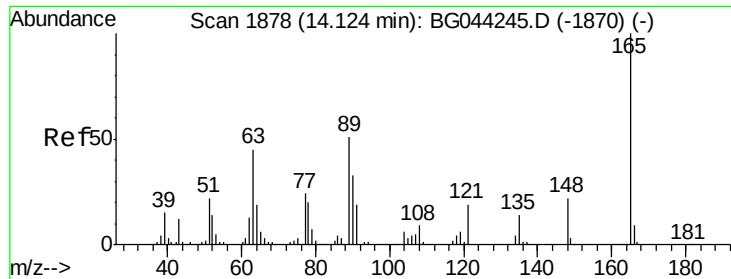
Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	163	Resp:	713365
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	11.0	8.7	13.1





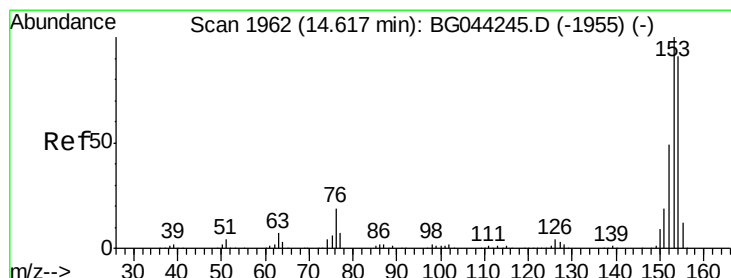
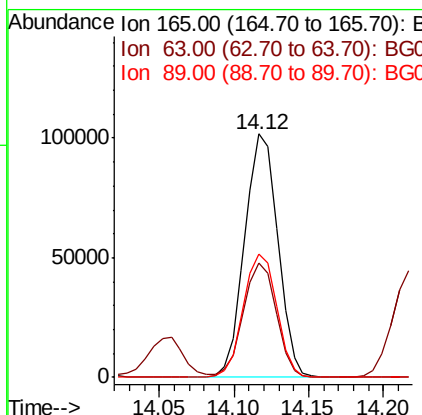
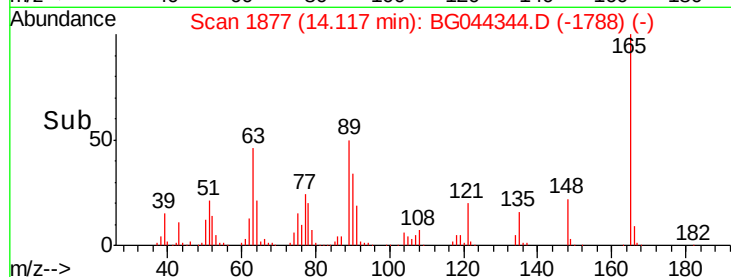
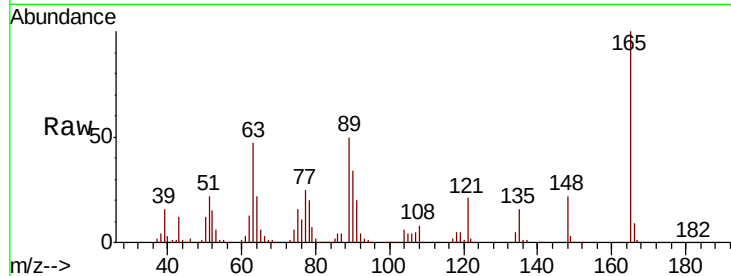
#51
 2,6-Dinitrotoluene
 Concen: 42.590 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156533		
63	46.7	38.7	58.1	
89	50.4	40.4	60.6	

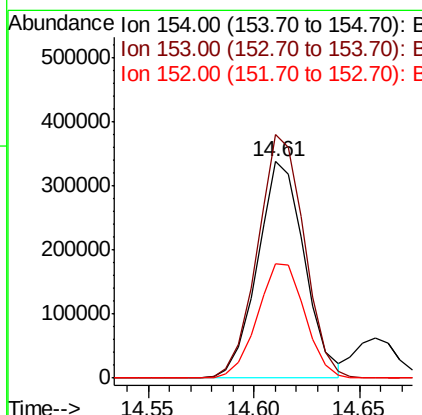
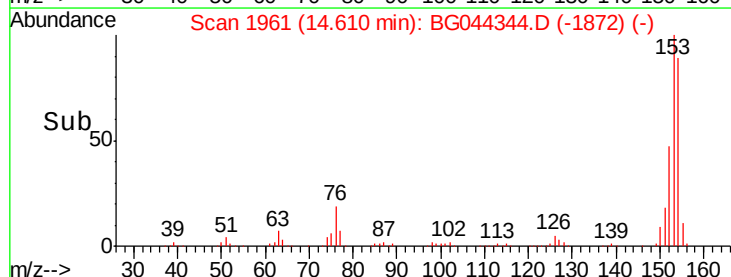
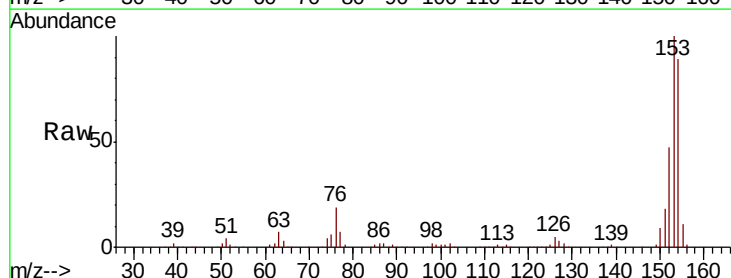
Manual Integrations
 APPROVED

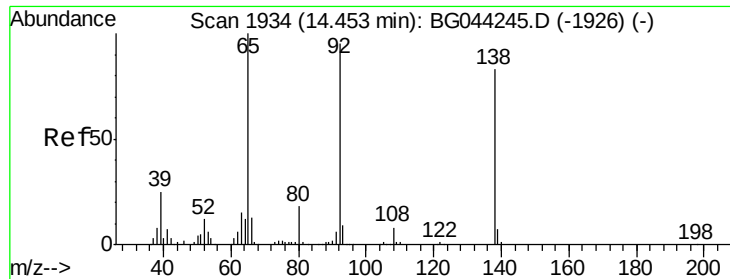
mohammad
 2/11/2020 8:26:10 AM



#52
 Acenaphthene
 Concen: 41.729 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	522162		
153	112.5	87.9	131.9	
152	52.6	43.1	64.7	





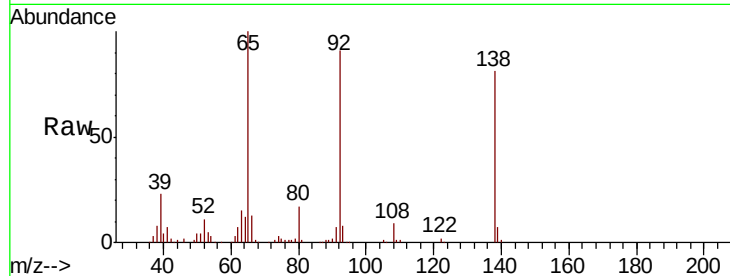
#53
 3-Nitroaniline
 Concen: 21.266 ng
 RT: 14.45 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

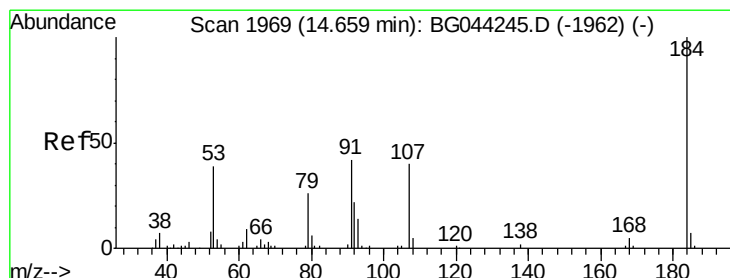
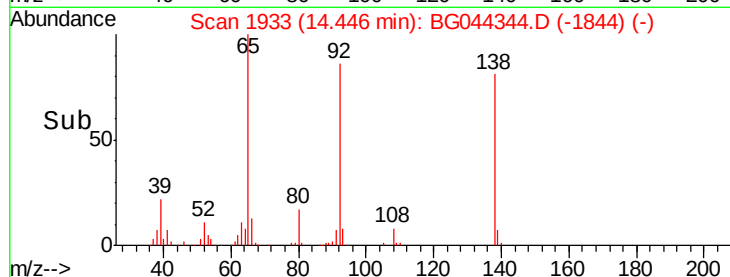
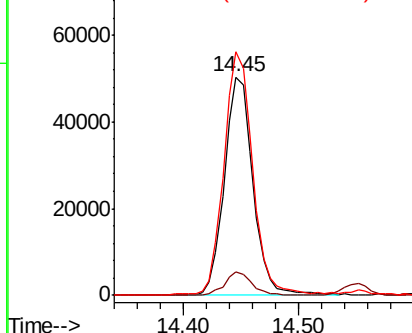
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	111.6	91.0	136.4

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:10 AM

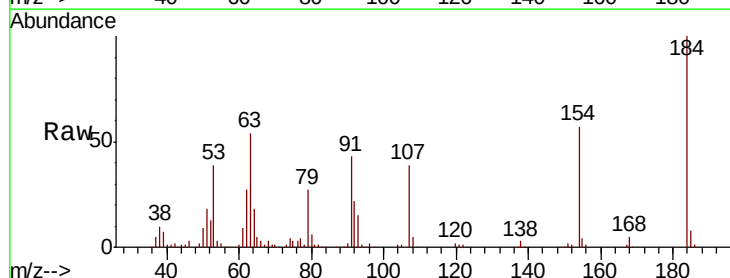


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

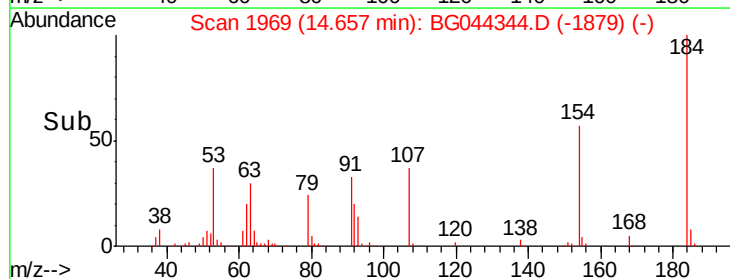
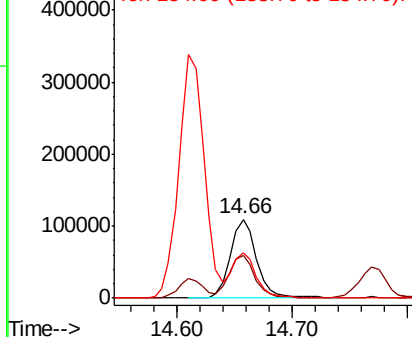


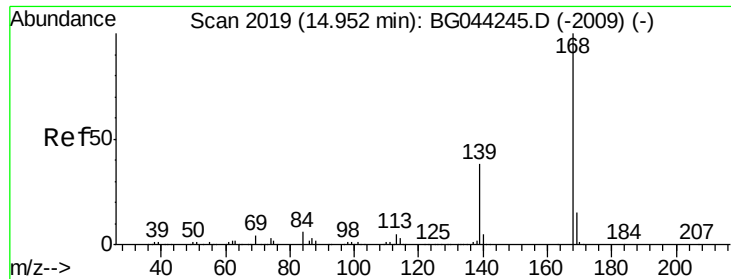
#54
 2,4-Dinitrophenol
 Concen: 79.640 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	44.1	66.1
154	56.8	45.4	68.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





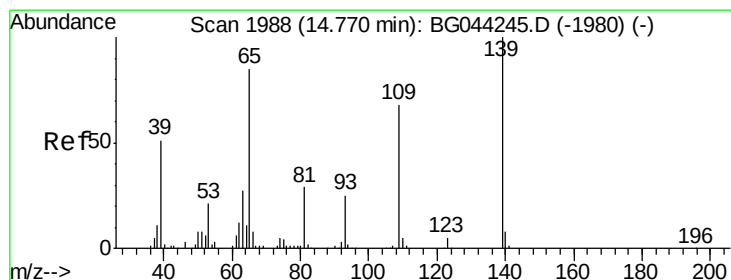
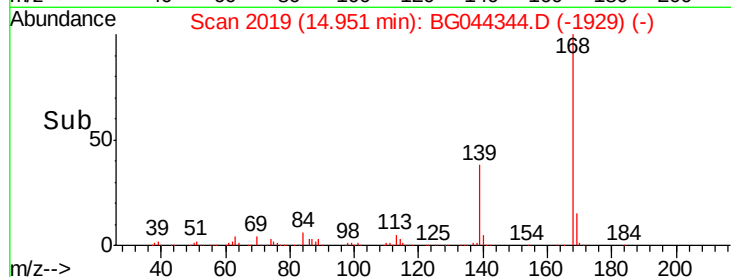
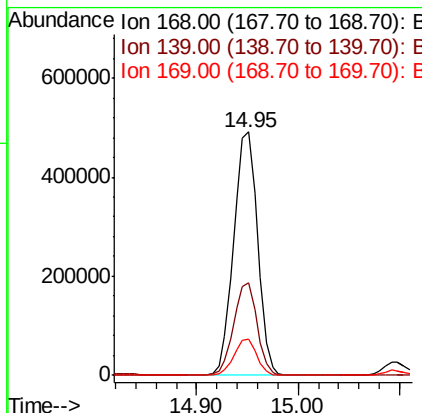
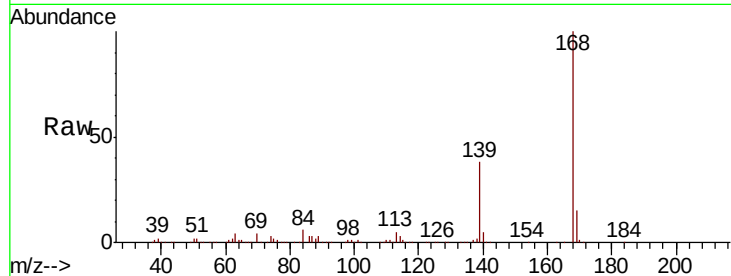
#55
Dibenzenofuran
Concen: 42.444 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7
169	14.8	11.7	17.5

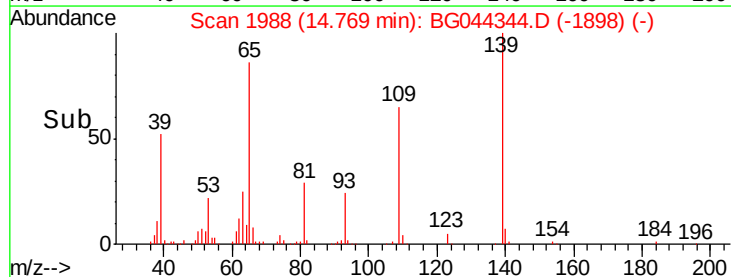
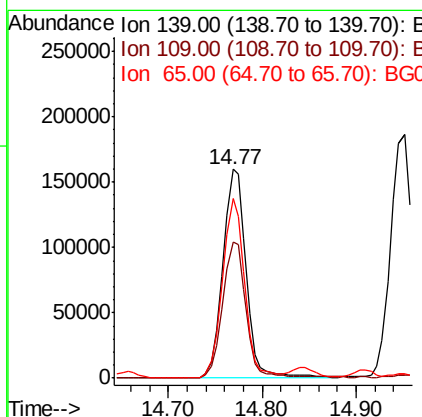
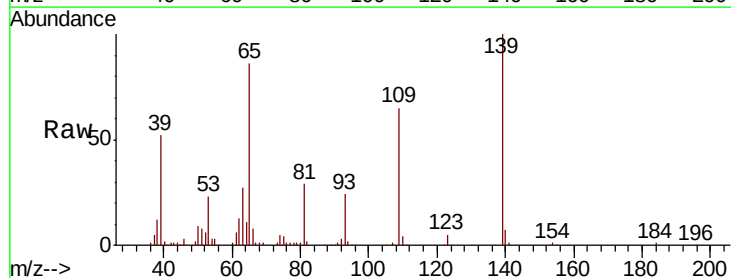
Manual Integrations
APPROVED

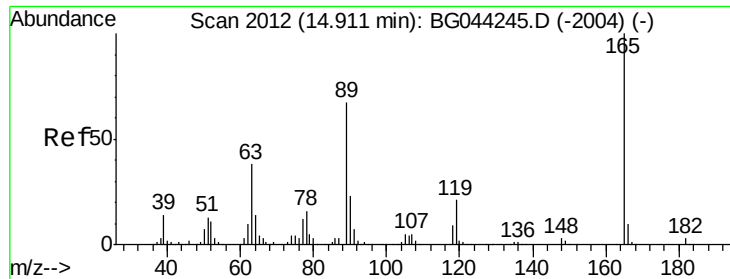
mohammad
2/11/2020 8:26:10 AM



#56
4-Nitrophenol
Concen: 93.203 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	47.5	87.5
65	86.1	64.9	104.9





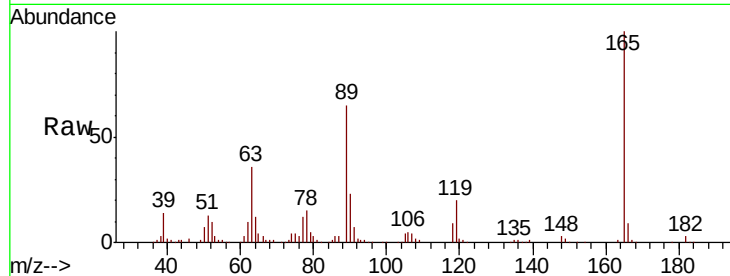
#57
2,4-Dinitrotoluene
Concen: 41.226 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

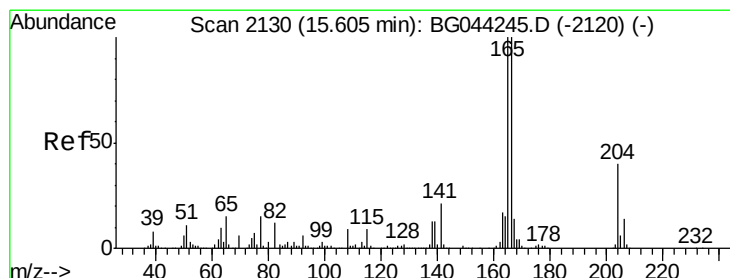
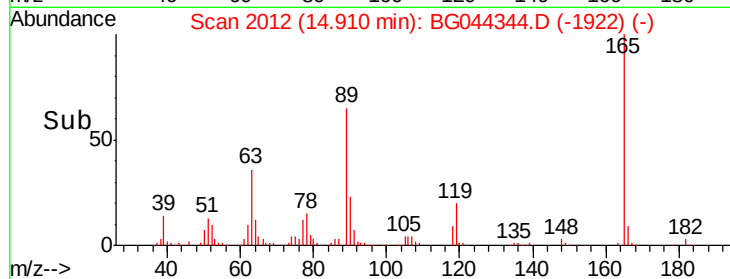
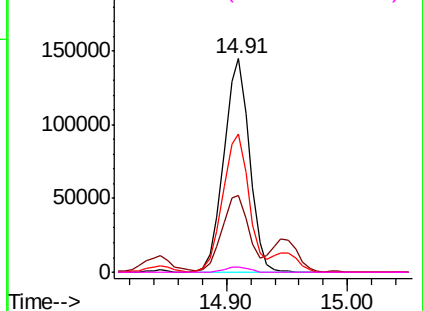
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		212364		
63	36.2	30.3	45.5		
89	64.5	53.4	80.2		
182	2.6	2.1	3.1		

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

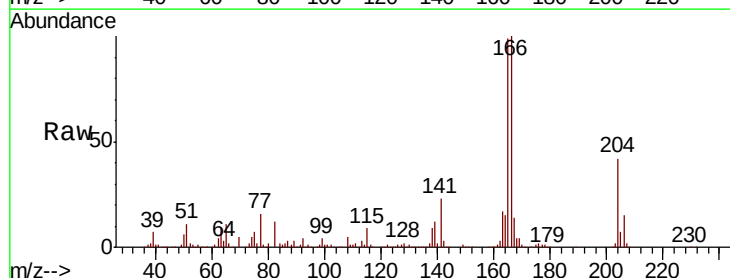


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

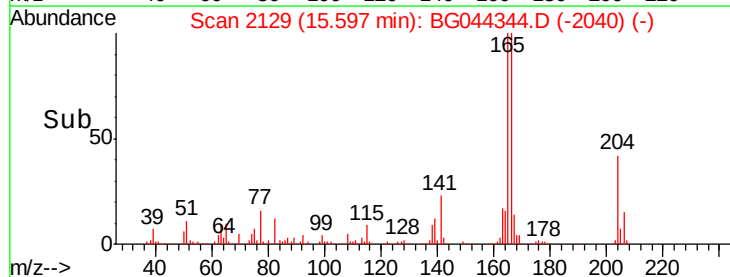
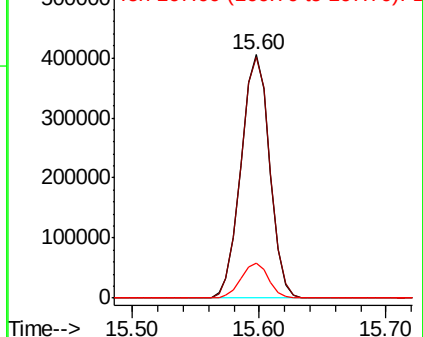


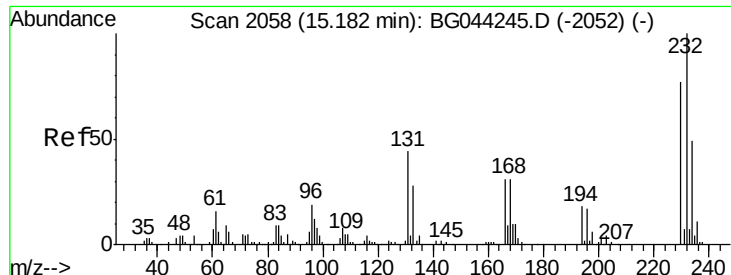
#58
Fluorene
Concen: 42.328 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		631620		
165	99.1	79.9	119.9		
167	14.5	11.4	17.0		



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





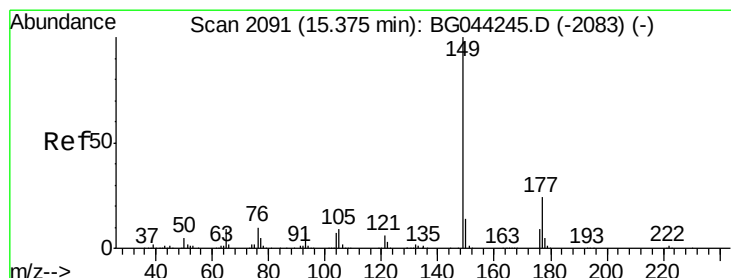
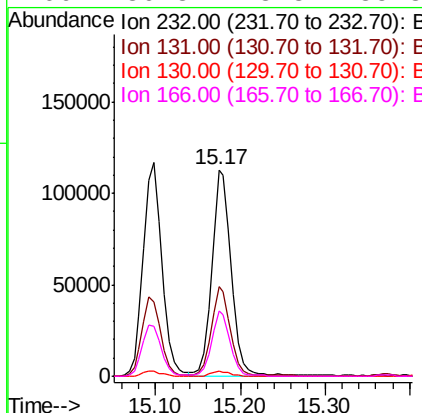
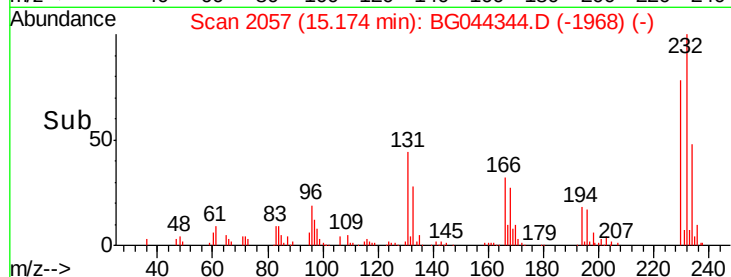
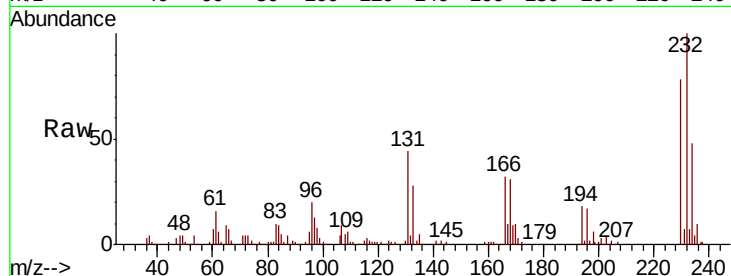
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.480 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.2	51.4
130	2.4	1.8	2.8
166	30.3	23.8	35.8

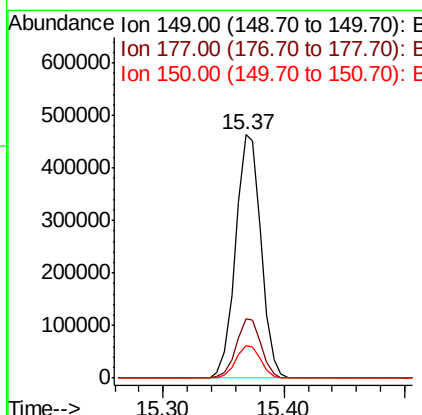
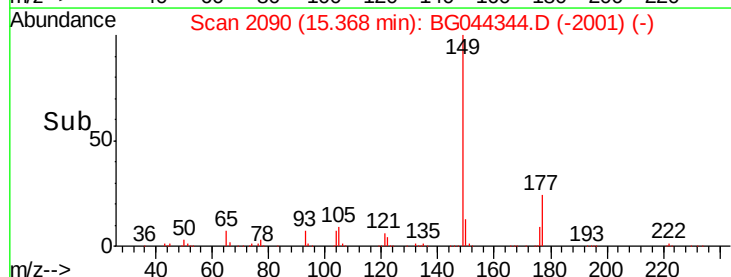
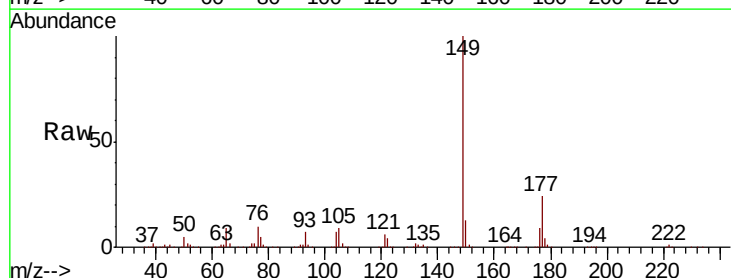
Manual Integrations
APPROVED

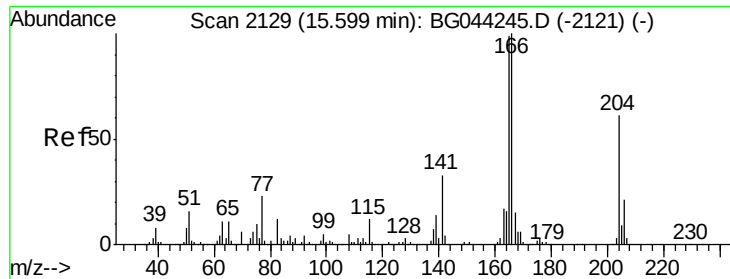
mohammad
2/11/2020 8:26:10 AM



#60
Diethylphthalate
Concen: 41.157 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.3	10.9	16.3





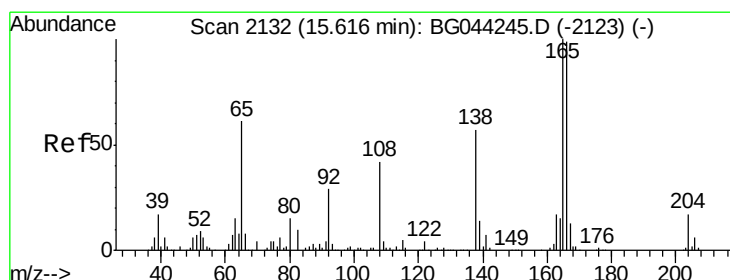
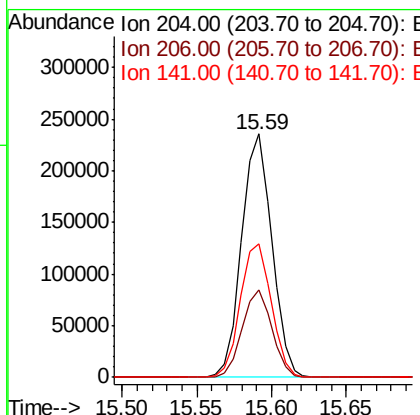
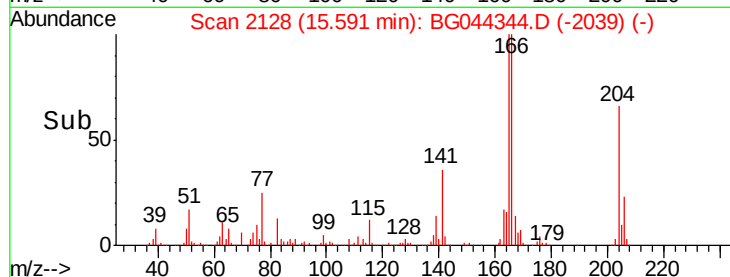
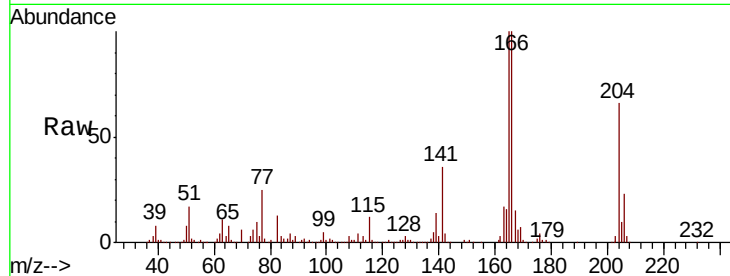
#61
4-Chlorophenyl-phenylether
Concen: 40.907 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	27.6	41.4
141	55.0	43.4	65.0

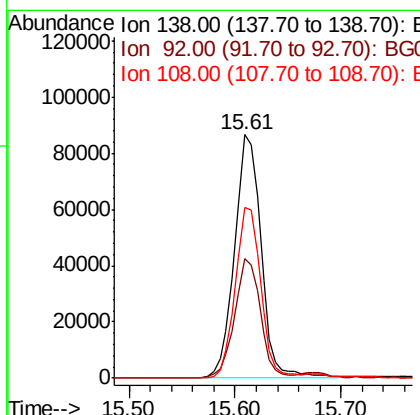
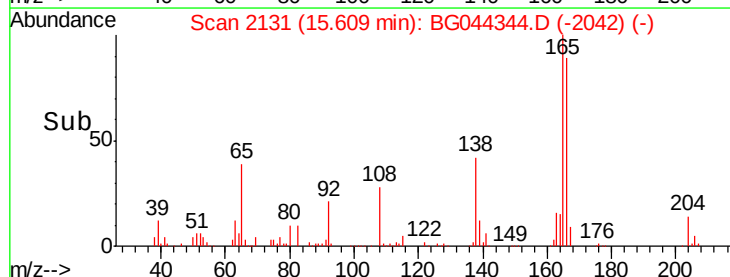
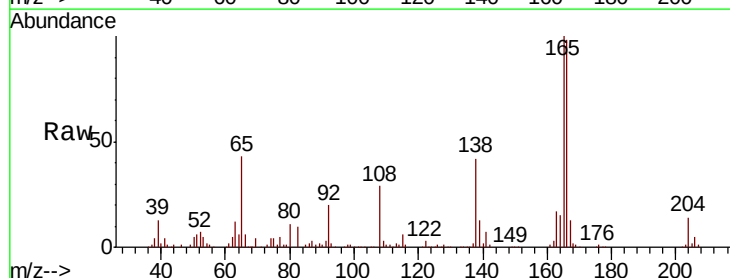
Manual Integrations
APPROVED

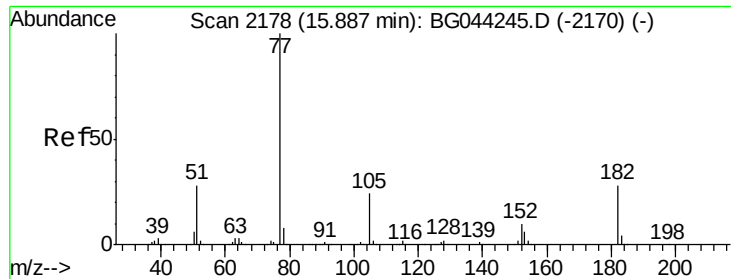
mohammad
2/11/2020 8:26:10 AM



#62
4-Nitroaniline
Concen: 37.036 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.3	71.3
108	70.3	52.6	92.6





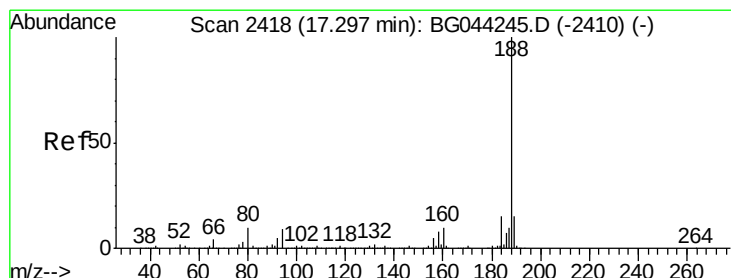
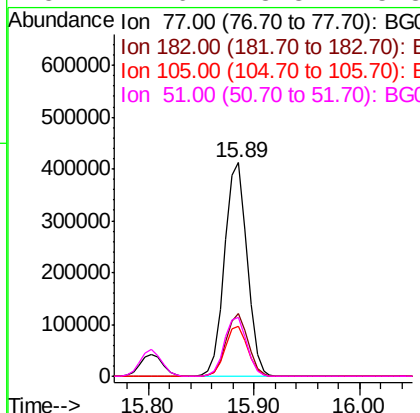
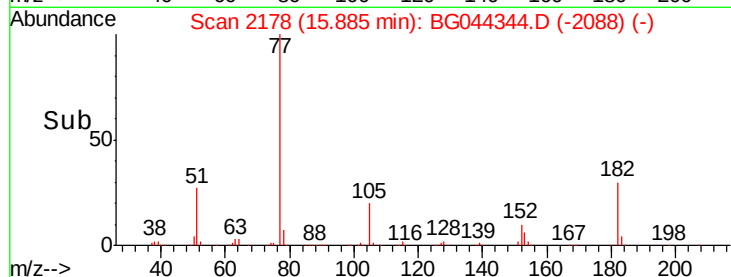
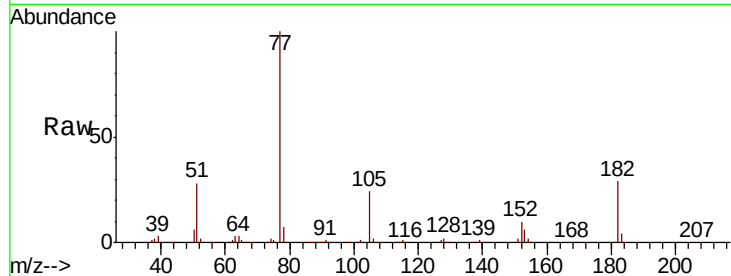
#63
Azobenzene
Concen: 42.269 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.4	8.2	48.2	
105	23.6	3.6	43.6	
51	27.6	8.3	48.3	

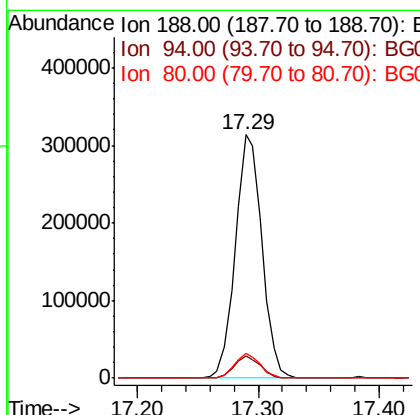
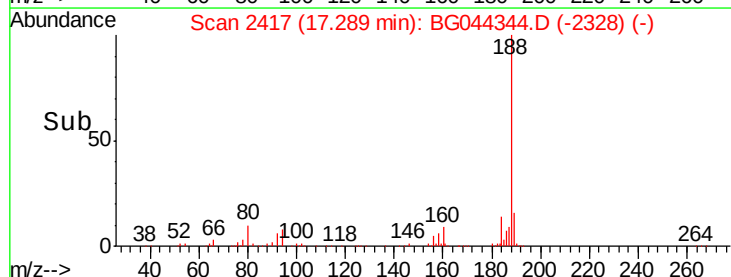
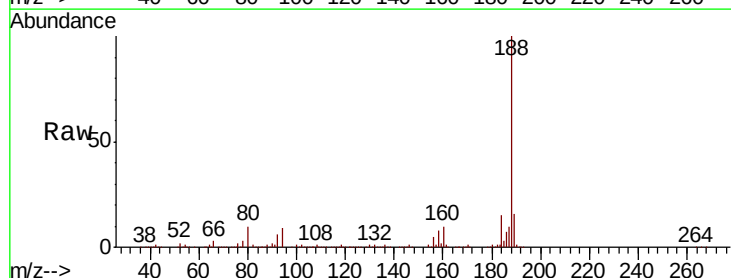
Manual Integrations
APPROVED

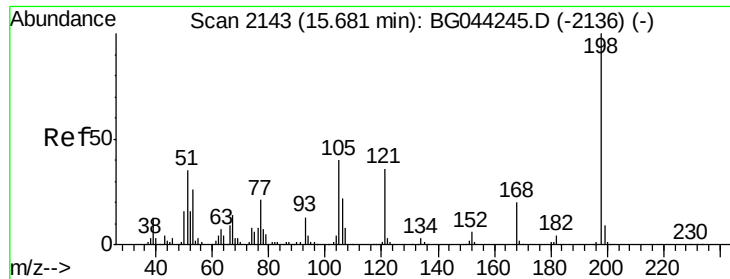
mohammad
2/11/2020 8:26:10 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.4	11.2	
80	10.1	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.357 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

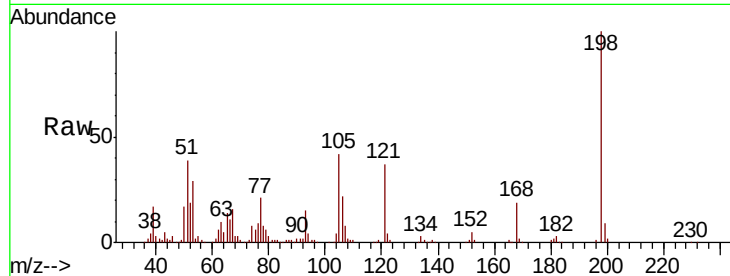
ClientSampleId :

06MS

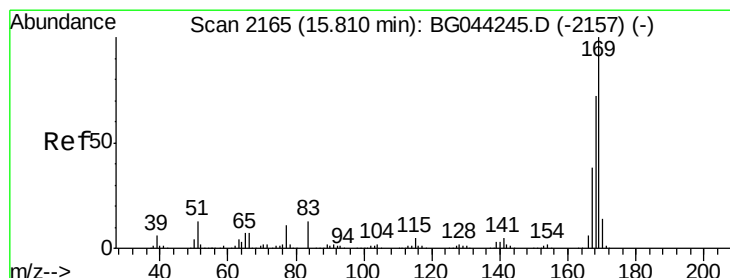
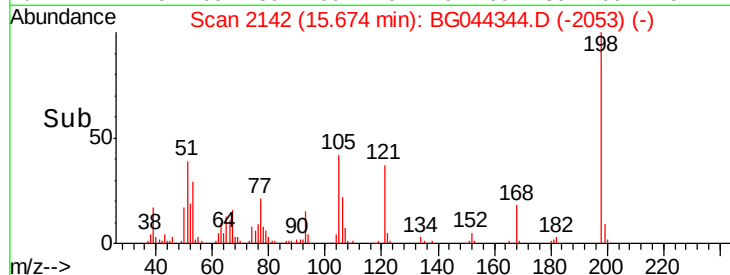
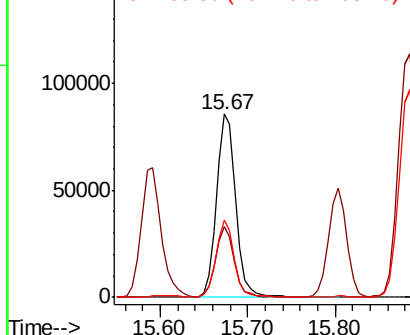
Tot Ion:	198	Resp:	130719
Ion Ratio	Lower	Upper	
198	100		
51	38.7	16.6	56.6
105	41.9	20.6	60.6

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.769 ng

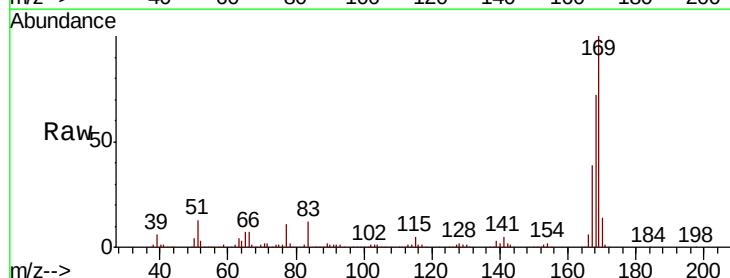
RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

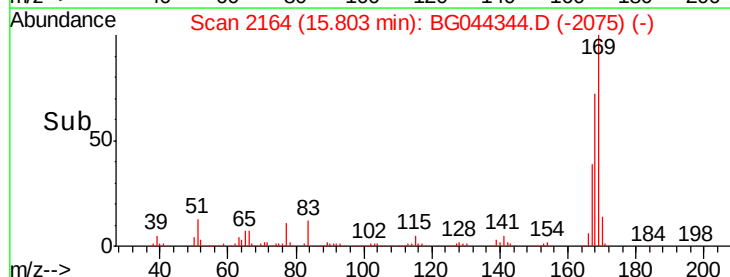
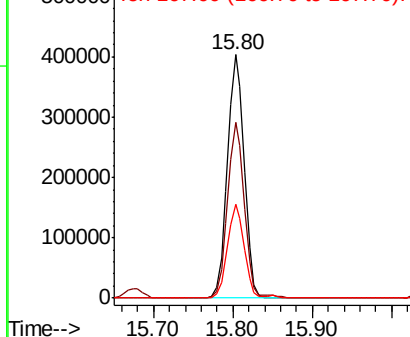
Lab File: BG044344.D

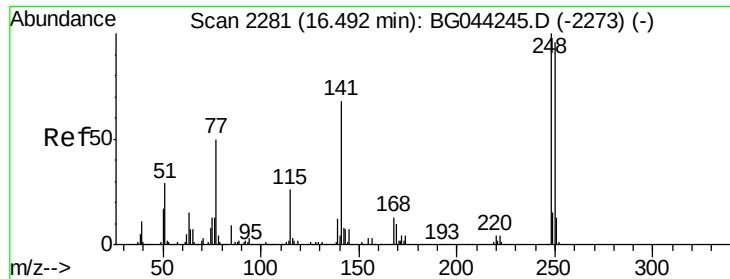
Acq: 7 Feb 2020 19:36

Tgt Ion:	169	Resp:	588505
Ion Ratio	Lower	Upper	
169	100		
168	72.1	57.9	86.9
167	38.5	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





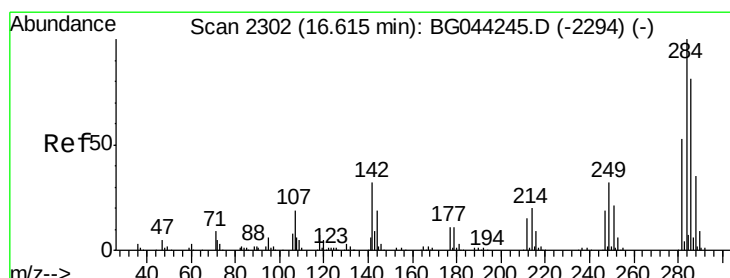
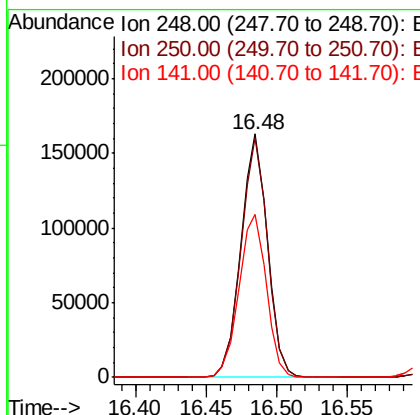
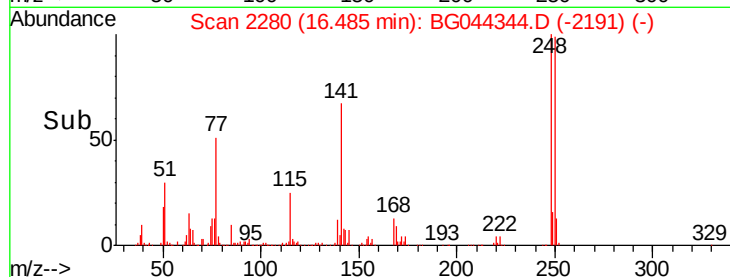
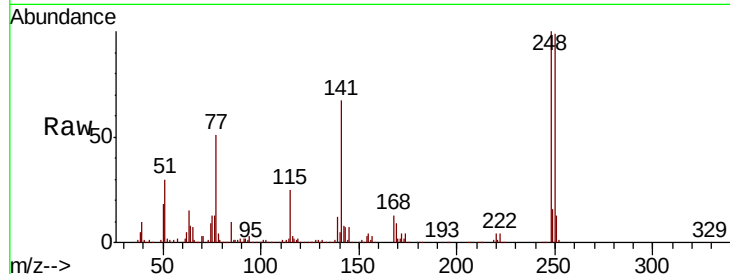
#67
4-Bromophenyl-phenylether
Concen: 41.085 ng
RT: 16.48 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.6	114.8
141	67.2	54.7	82.1

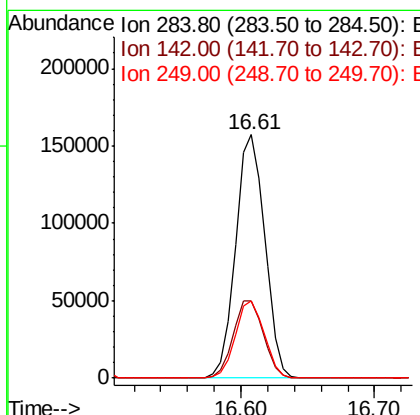
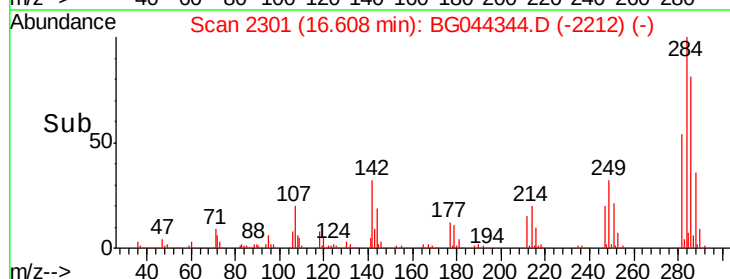
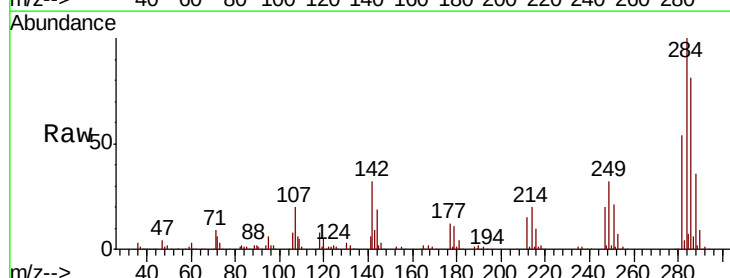
Manual Integrations
APPROVED

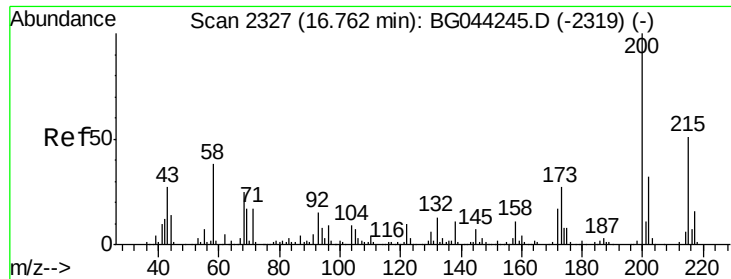
mohammad
2/11/2020 8:26:10 AM



#68
Hexachlorobenzene
Concen: 40.657 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.3	37.9
249	31.9	25.5	38.3





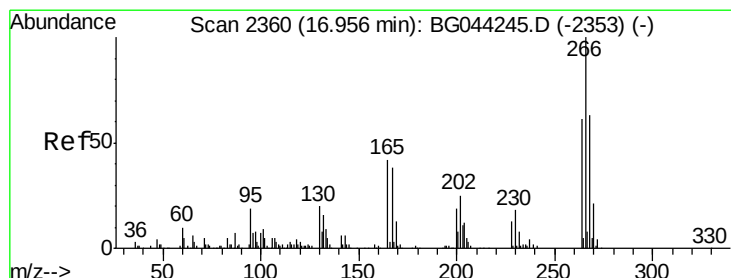
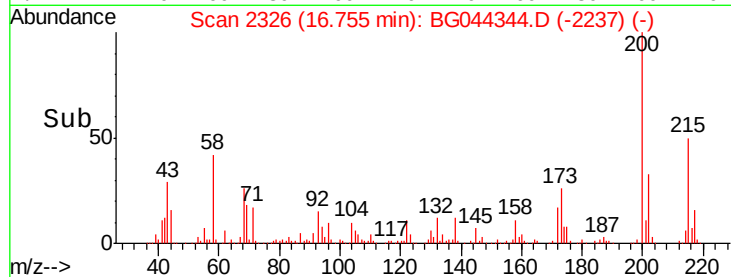
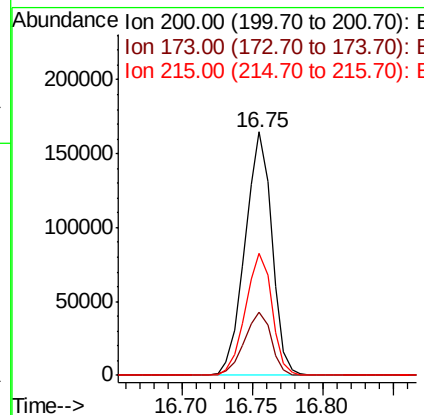
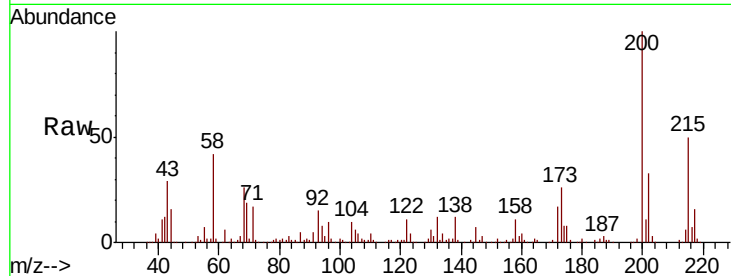
#69
 Atrazine
 Concen: 47.594 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	6.6	46.6
215	50.1	31.0	71.0

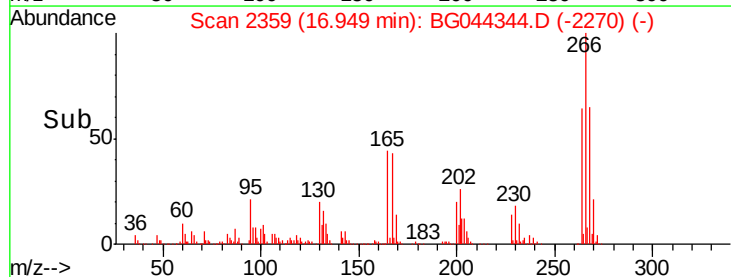
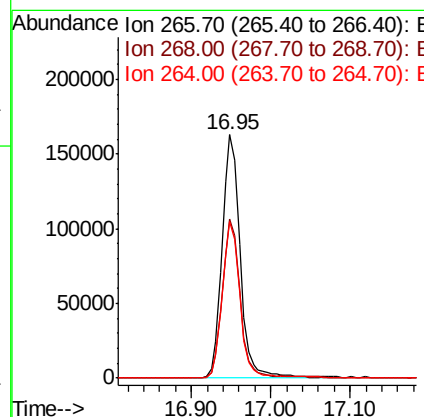
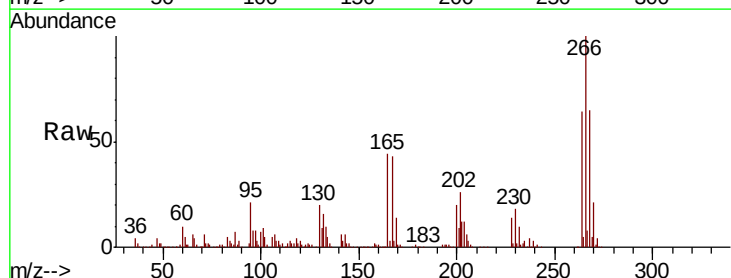
Manual Integrations
 APPROVED

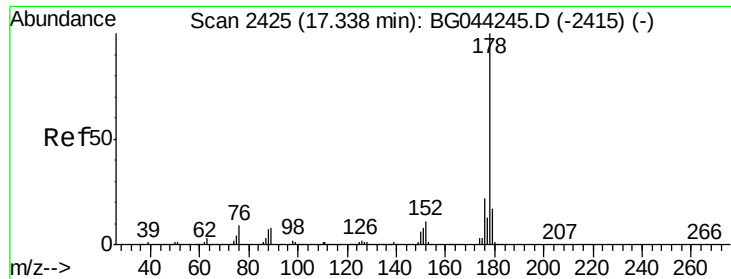
mohammad
 2/11/2020 8:26:10 AM



#70
 Pentachlorophenol
 Concen: 87.199 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	50.6	75.8
264	64.3	48.7	73.1





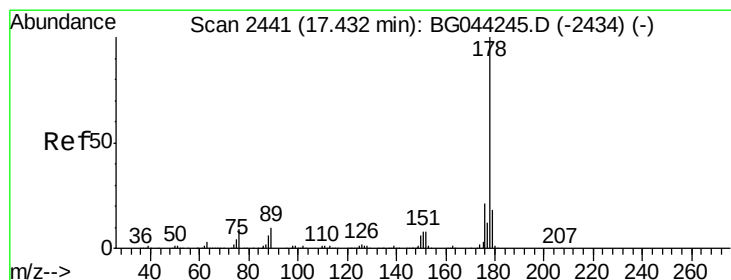
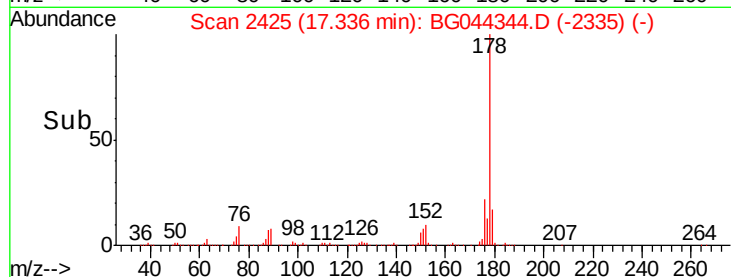
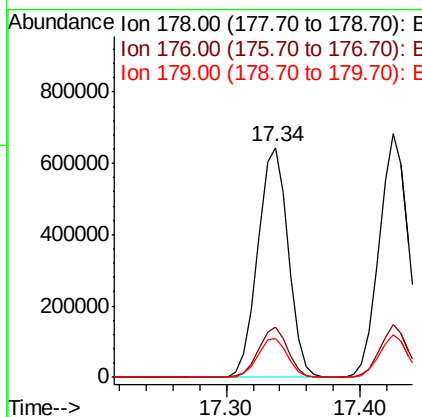
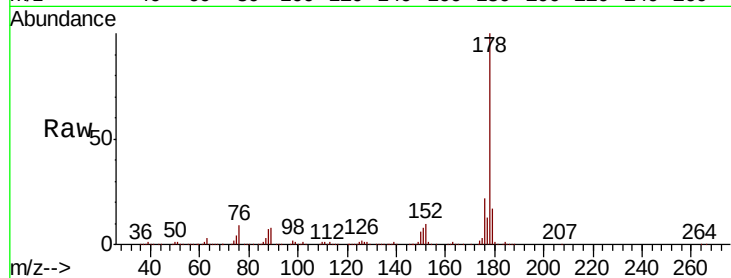
#71
Phenanthrene
Concen: 43.417 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion:178 Resp: 1008700
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 16.8 13.7 20.5

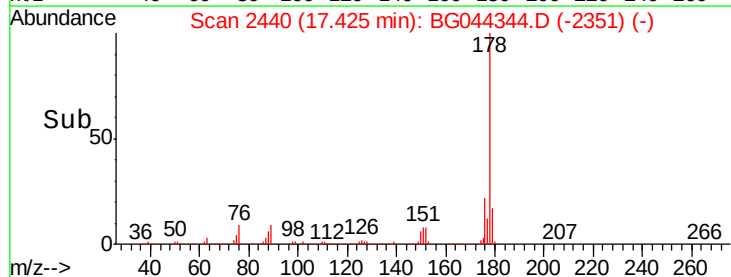
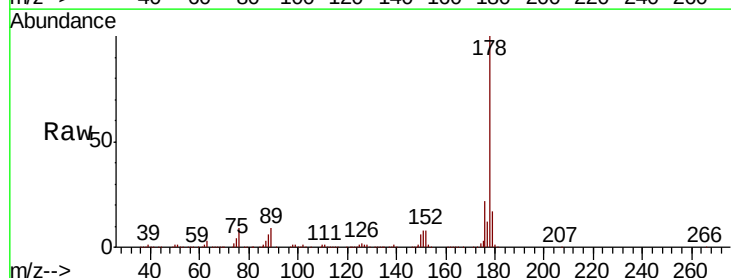
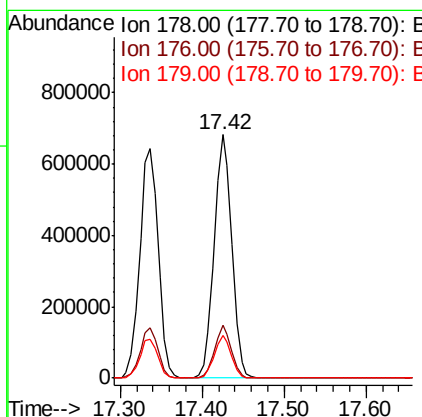
Manual Integrations
APPROVED

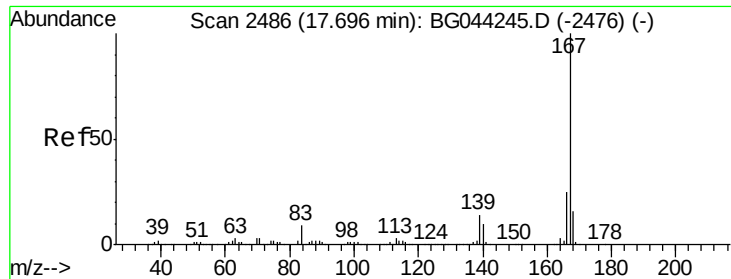
mohammad
2/11/2020 8:26:10 AM



#72
Anthracene
Concen: 44.731 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:178 Resp: 1027450
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.4 14.4 21.6





#73

Carbazole

Concen: 43.314 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

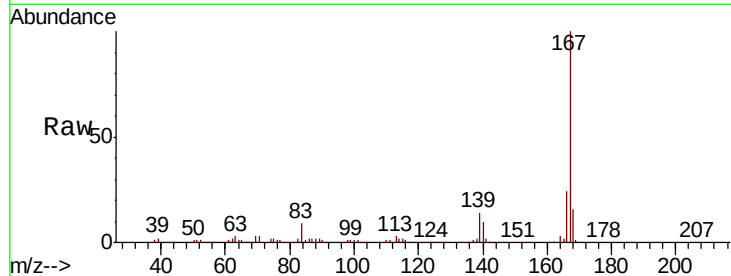
ClientSampleId :

06MS

Tot Ion:	167	Resp:	917196
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.8	29.6
139	14.0	11.1	16.7

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

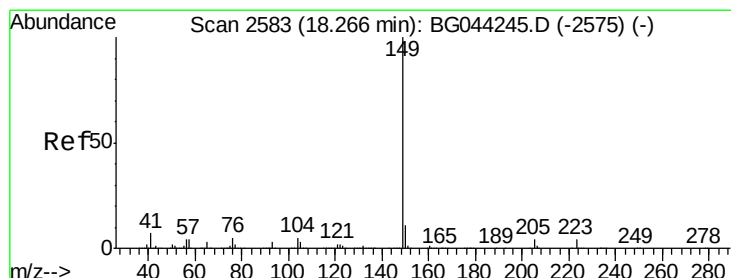
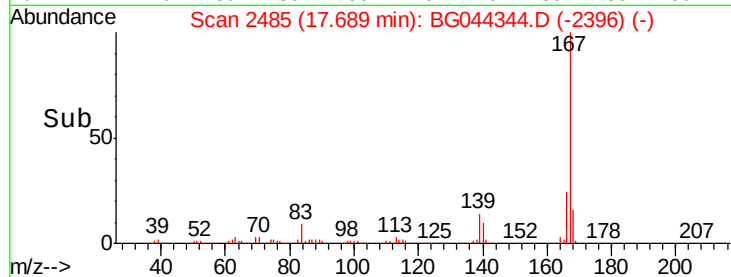
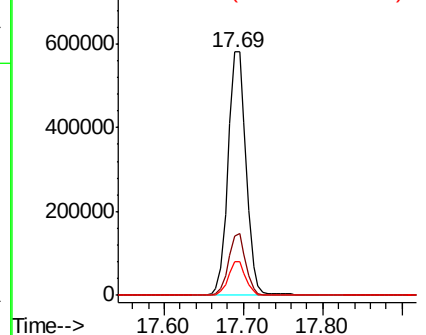


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.330 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

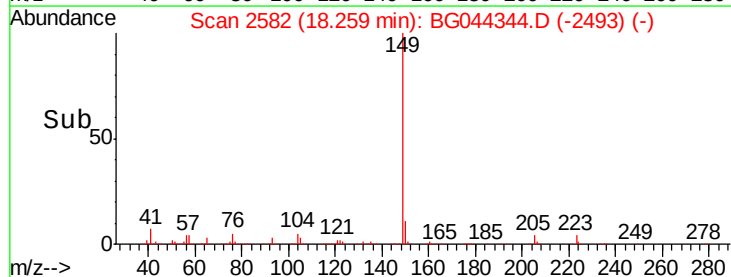
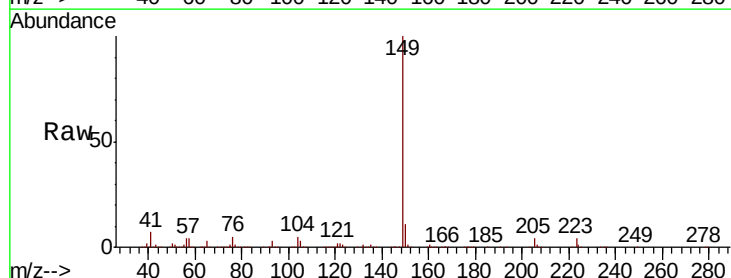
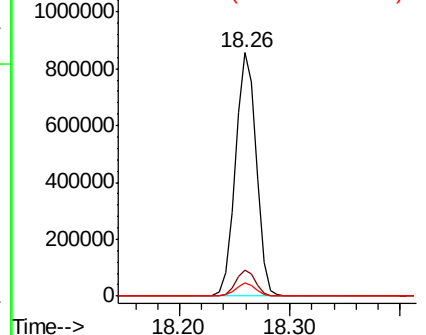
Tgt Ion:	149	Resp:	1133842
Ion Ratio	Lower	Upper	
149	100		
150	10.6	8.7	13.1
104	5.4	4.3	6.5

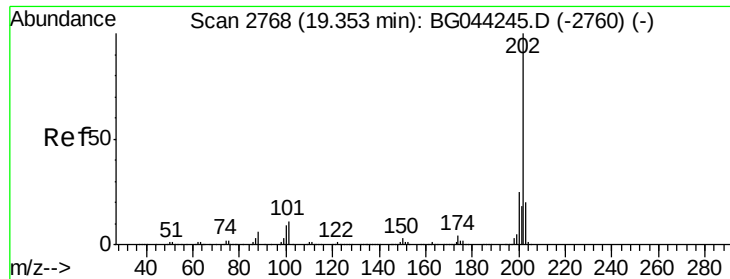
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.598 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

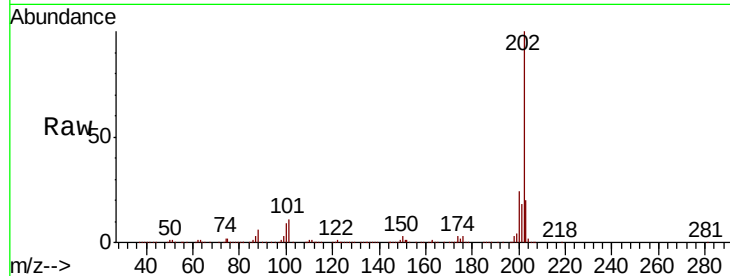
ClientSampleId :

06MS

Tot Ion:	202	Resp:	1198624
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	19.8	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

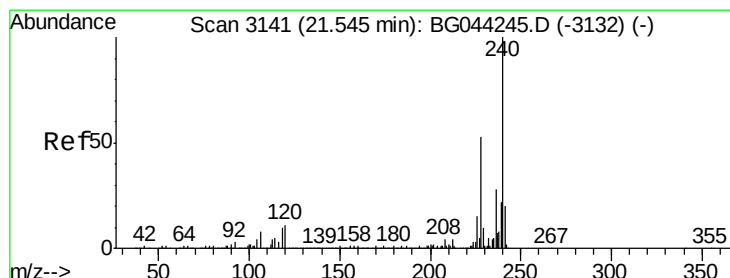
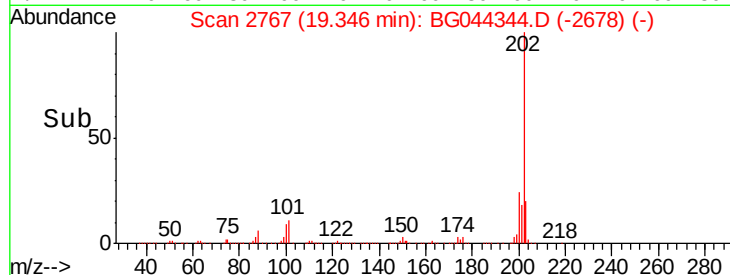
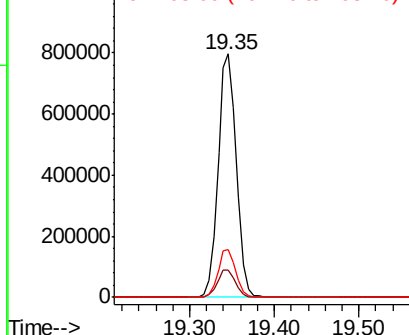


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

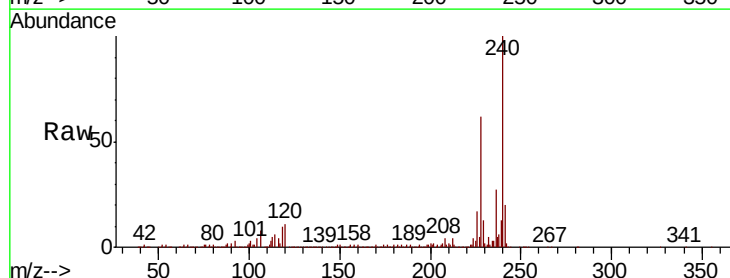
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	240	Resp:	442001
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.5	22.1	33.1

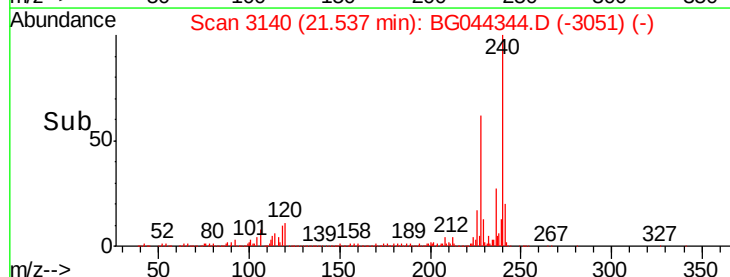
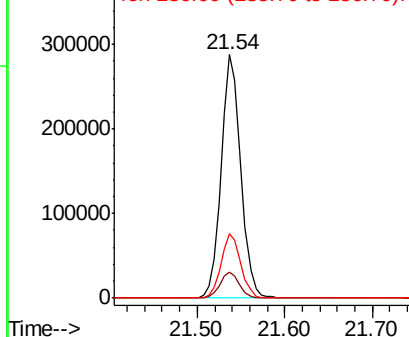


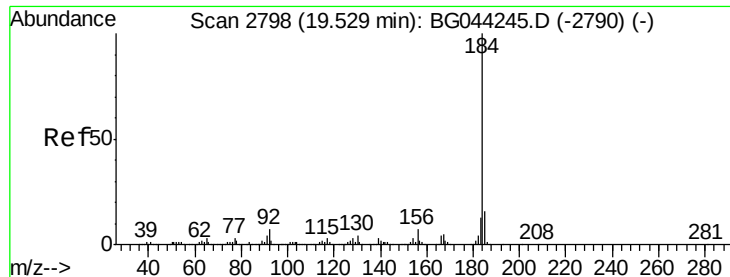
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.059 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

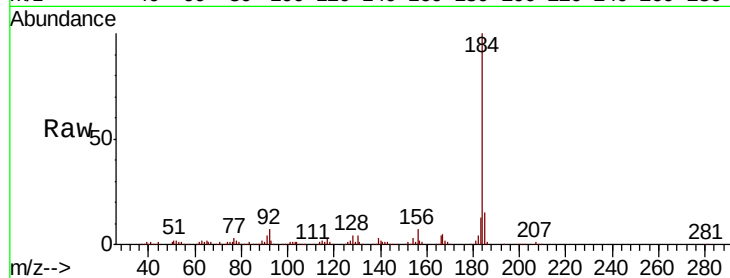
ClientSampleId :

06MS

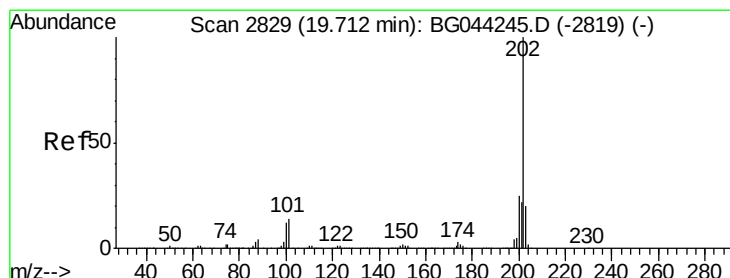
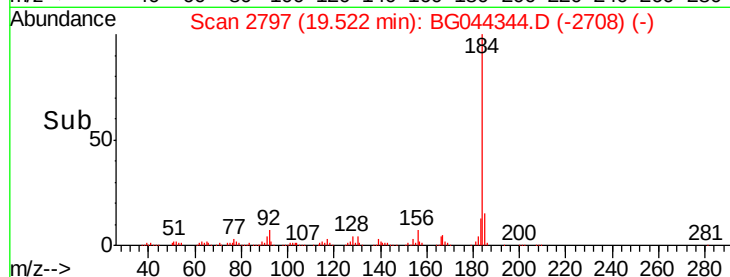
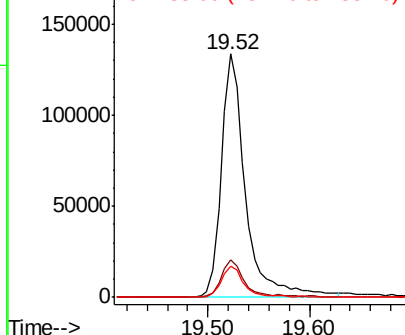
Tot Ion:	184	Resp:	221398
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.9	19.3
183	12.8	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM



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



#78

Pyrene

Concen: 42.009 ng

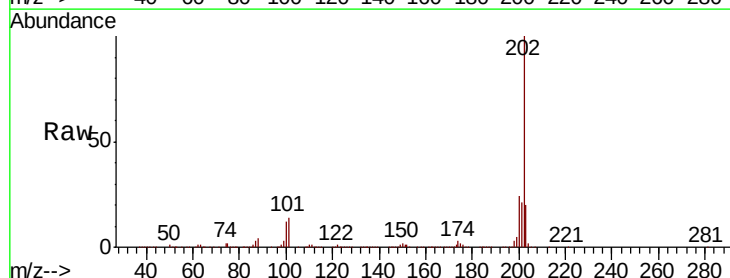
RT: 19.70 min Scan# 2828

Delta R.T. -0.01 min

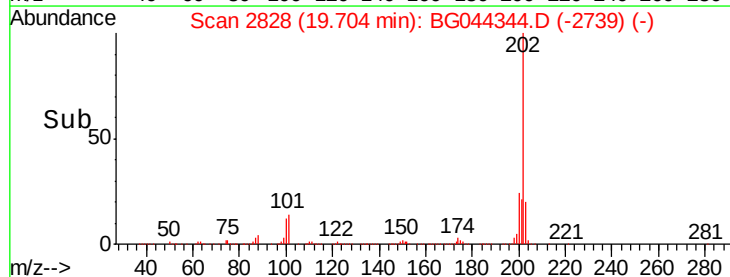
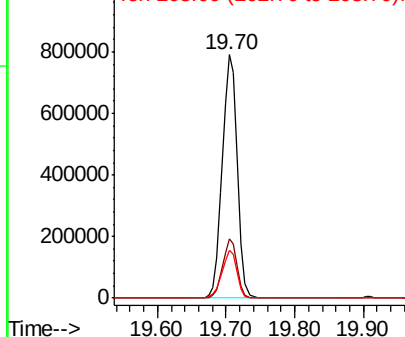
Lab File: BG044344.D

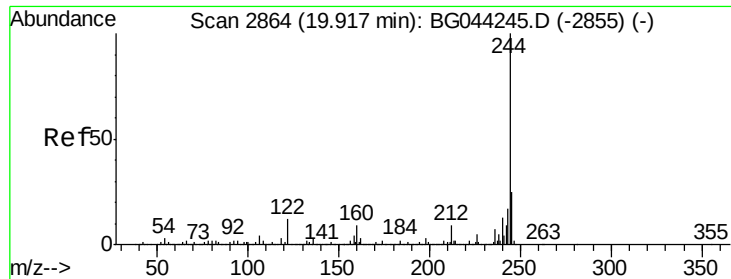
Acq: 7 Feb 2020 19:36

Tgt Ion:	202	Resp:	1192437
Ion Ratio	Lower	Upper	
202	100		
200	24.2	20.0	30.0
203	19.7	16.2	24.2



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





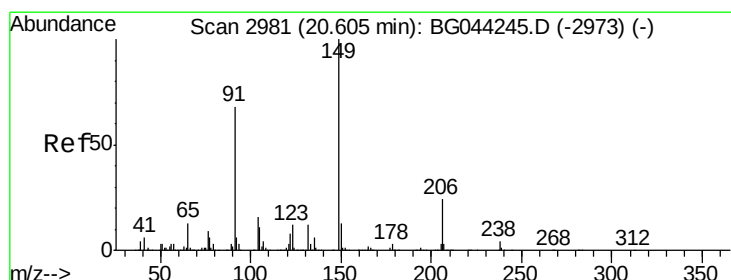
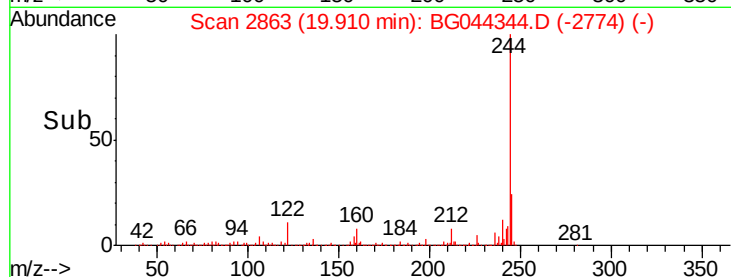
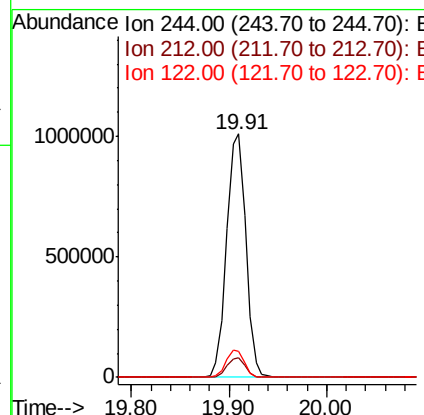
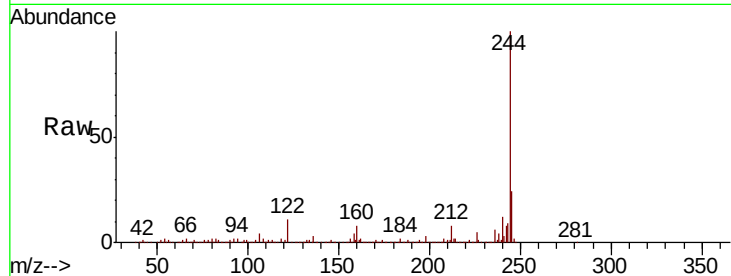
#79
 Terphenyl-d14
 Concen: 64.284 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Instrument :
 BNA_G
 ClientSampleId :
 06MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	10.9	9.8	14.6

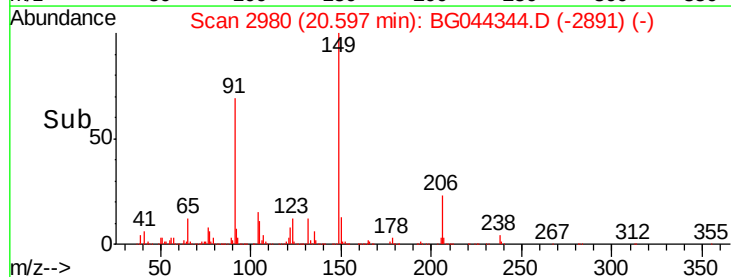
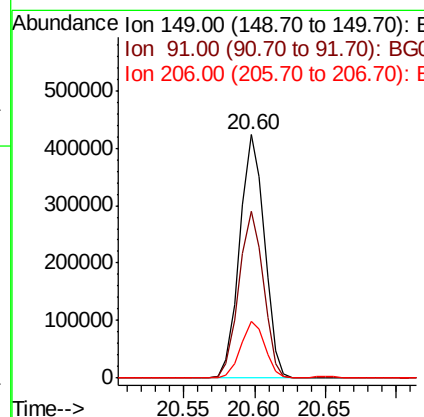
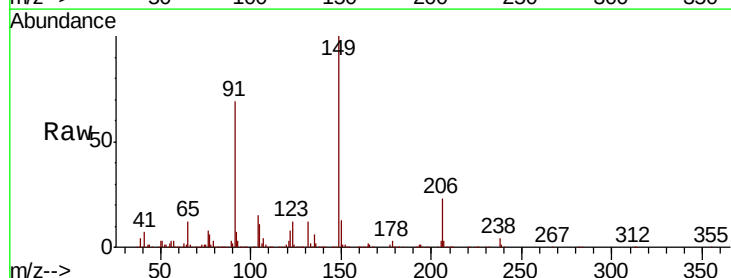
Manual Integrations
 APPROVED

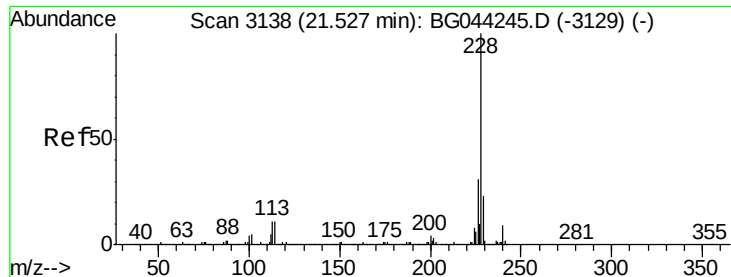
mohammad
 2/11/2020 8:26:10 AM



#80
 Butylbenzylphthalate
 Concen: 40.244 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. -0.01 min
 Lab File: BG044344.D
 Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.5	81.7
206	23.1	19.1	28.7





#81

Benzo(a)anthracene

Concen: 40.530 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

ClientSampled :

06MS

Tot Ion:228 Resp: 1104063

Ion Ratio Lower Upper

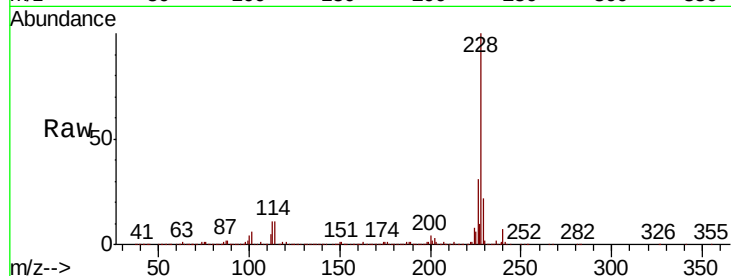
228 100

226 30.5 24.7 37.1

229 21.8 18.2 27.4

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

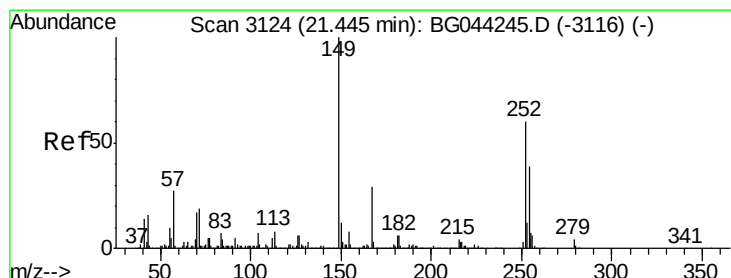
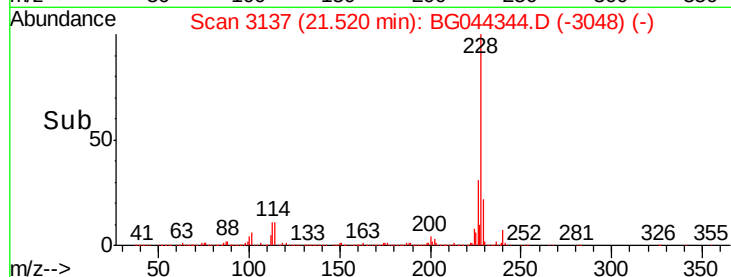
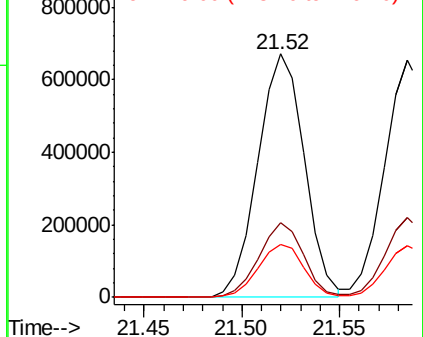


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.270 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

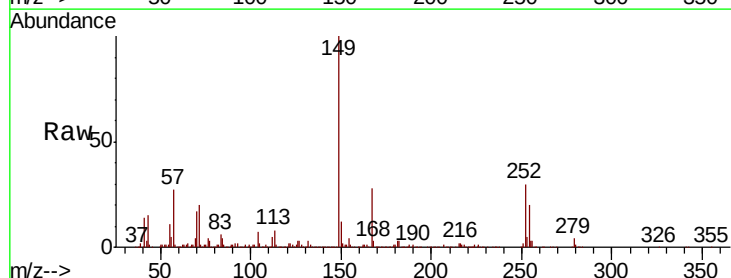
Tgt Ion:252 Resp: 224882

Ion Ratio Lower Upper

252 100

254 65.9 52.6 78.8

126 9.9 8.2 12.4

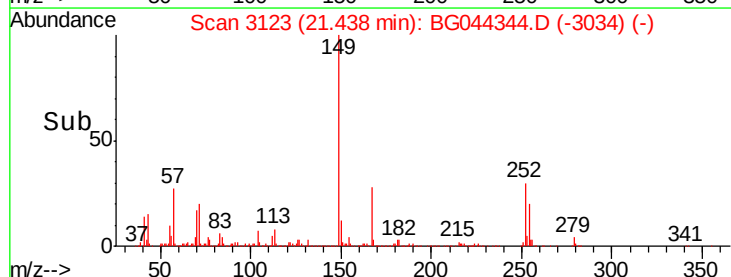
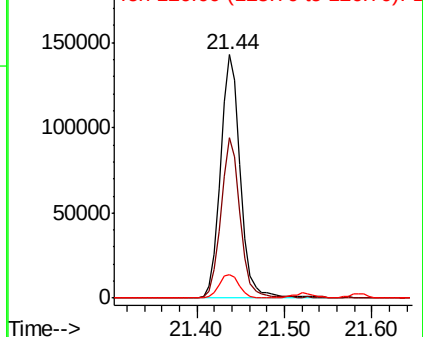


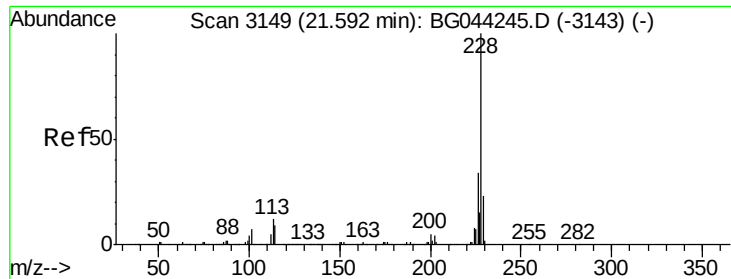
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





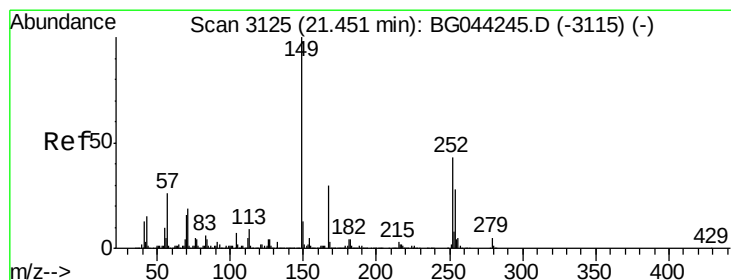
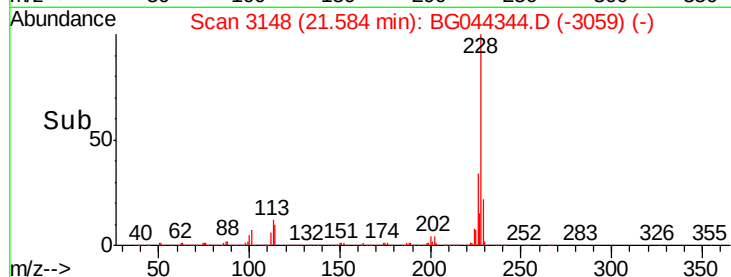
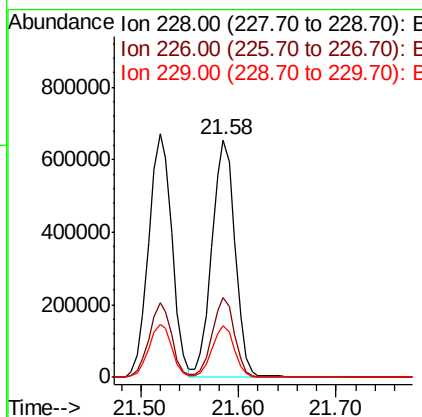
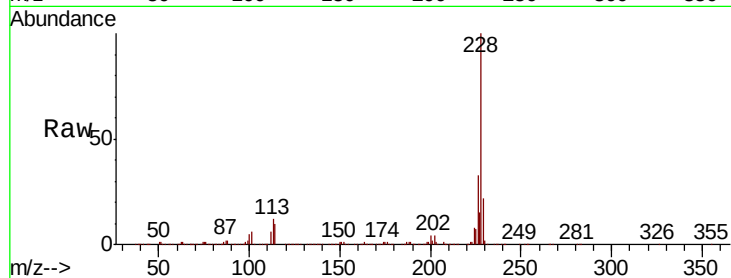
#83
Chrysene
Concen: 40.808 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion:228 Resp: 1074521
Ion Ratio Lower Upper
228 100
226 33.5 27.1 40.7
229 22.0 17.9 26.9

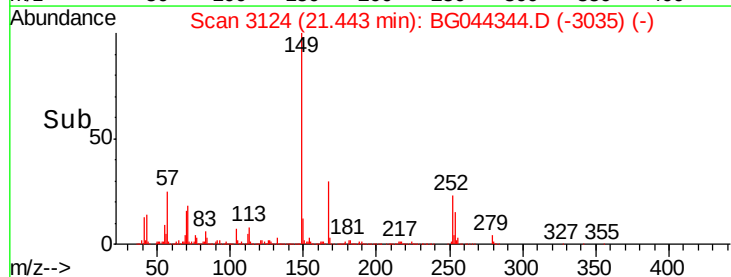
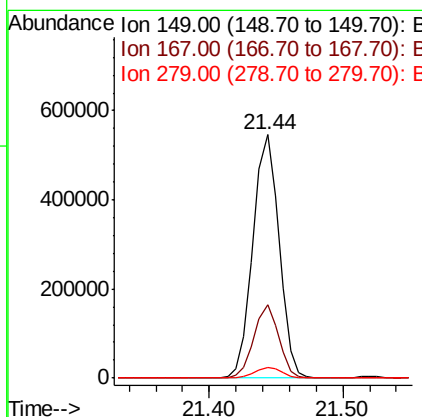
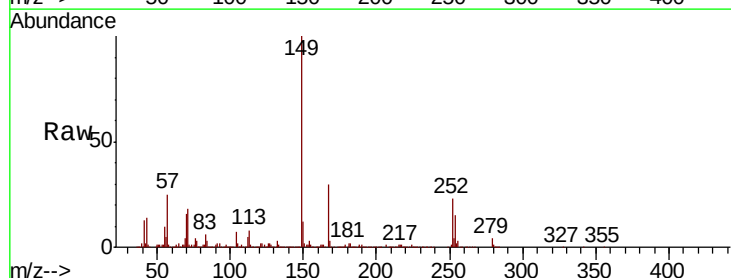
Manual Integrations
APPROVED

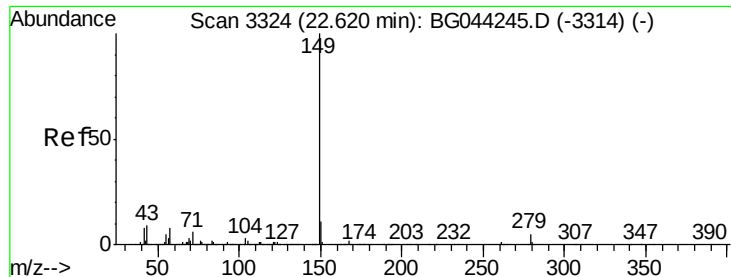
mohammad
2/11/2020 8:26:10 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.170 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion:149 Resp: 733022
Ion Ratio Lower Upper
149 100
167 30.0 24.0 36.0
279 4.5 3.8 5.8





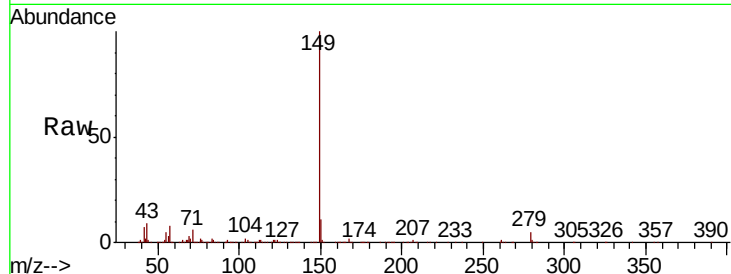
#85
Di-n-octyl phthalate
Concen: 41.553 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

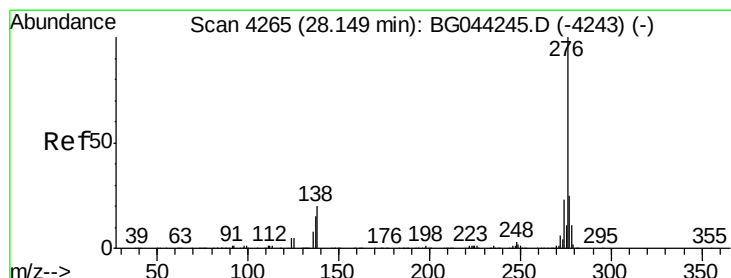
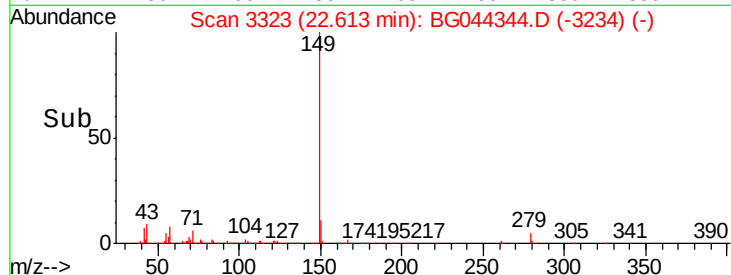
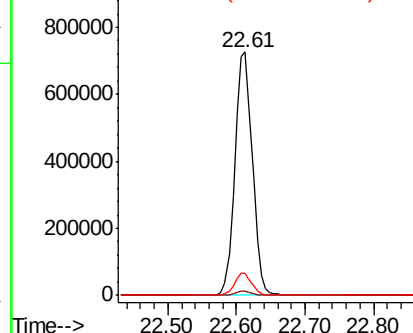
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.4	11.0

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

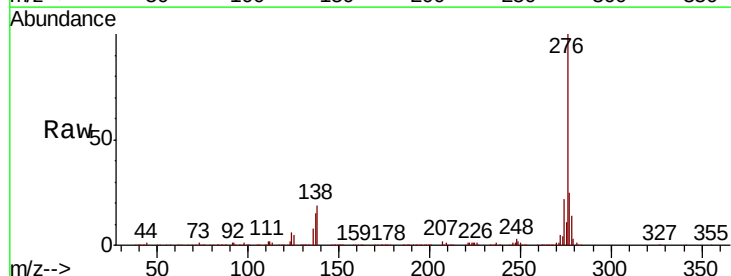


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

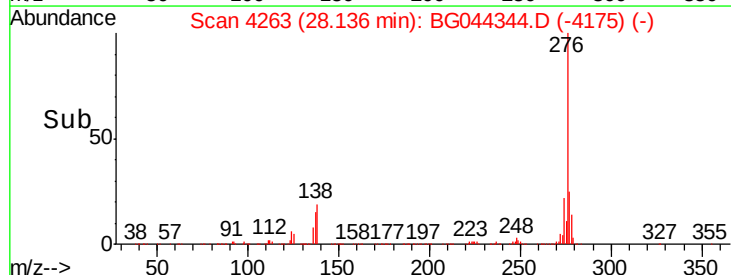
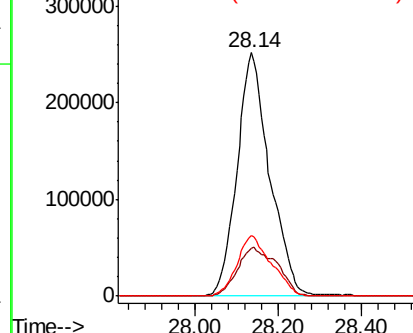


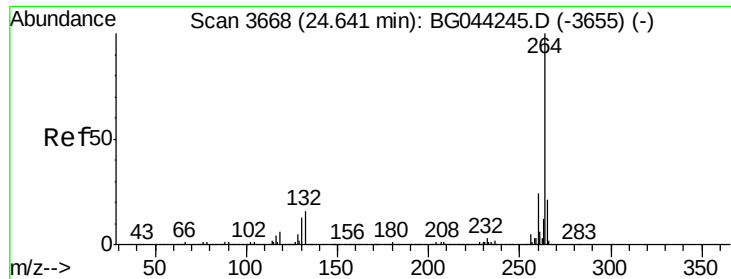
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.785 ng
RT: 28.14 min Scan# 4263
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	26.2	21.0	31.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Instrument :

BNA_G

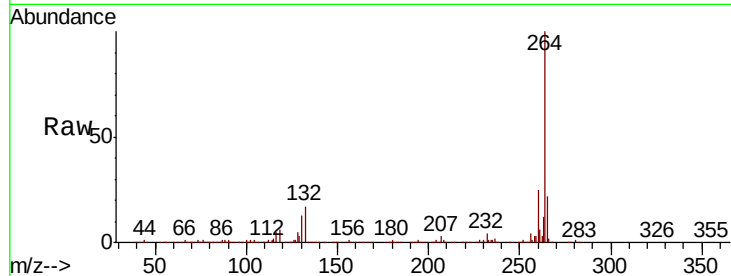
ClientSampleId :

06MS

Tot Ion:	264	Resp:	475264
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.3	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

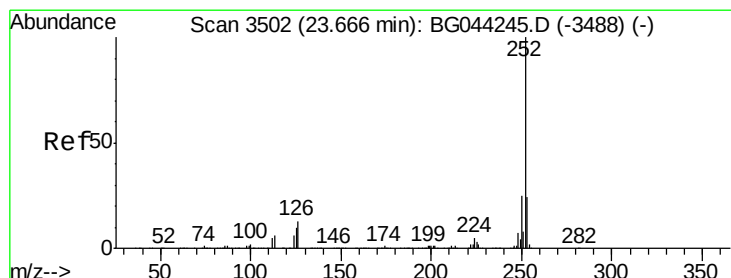
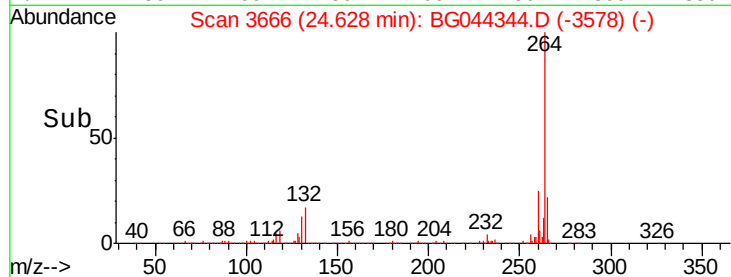
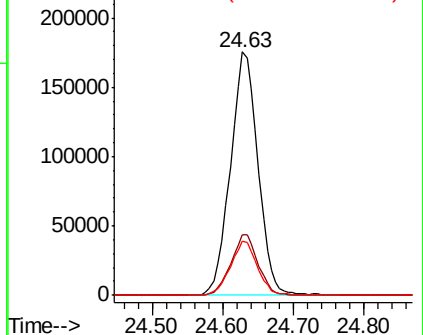


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.732 ng

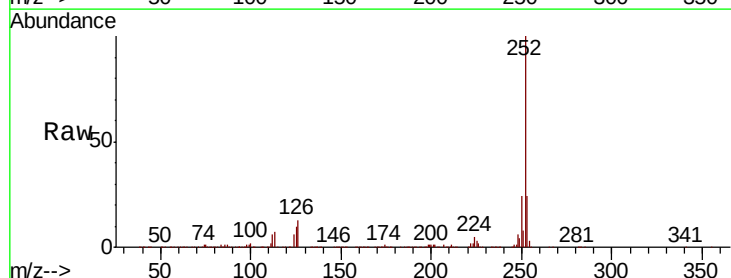
RT: 23.65 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BG044344.D

Acq: 7 Feb 2020 19:36

Tgt Ion:	252	Resp:	1197669
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.2	28.8
125	10.4	8.4	12.6

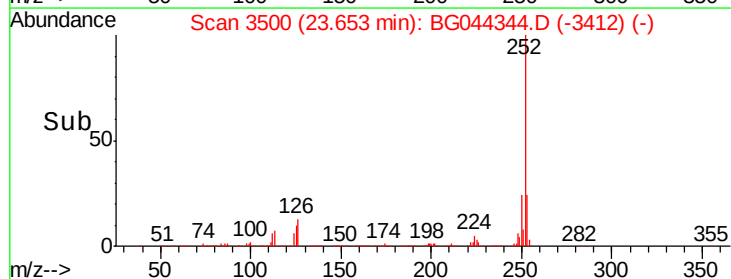
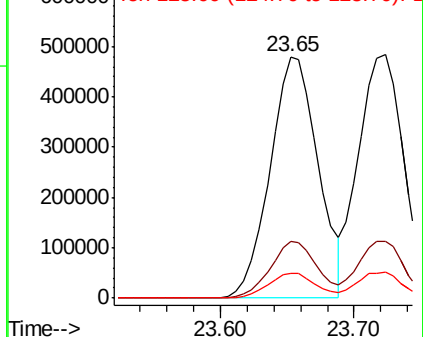


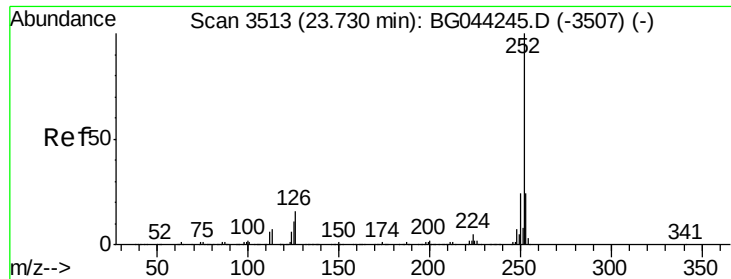
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





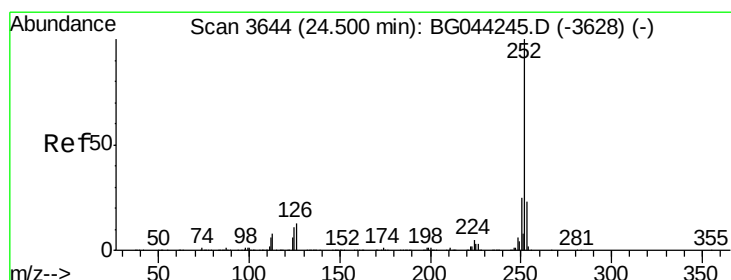
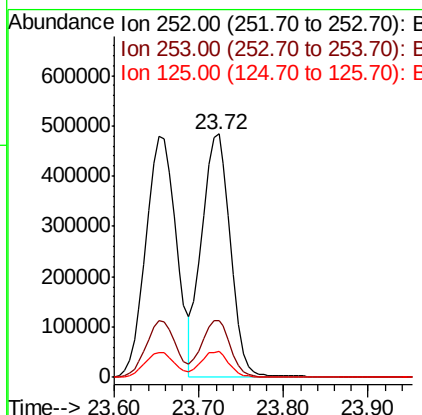
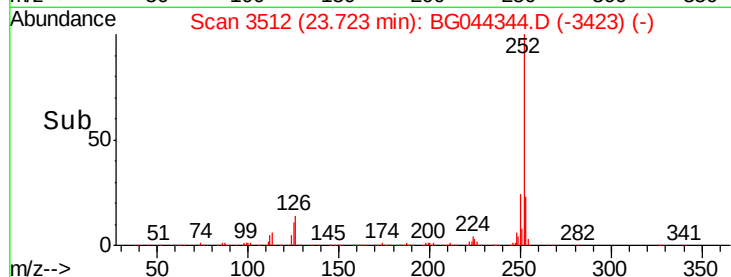
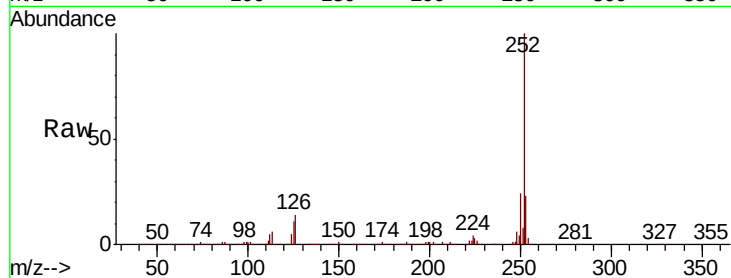
#89
Benzo(k)fluoranthene
Concen: 42.802 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

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

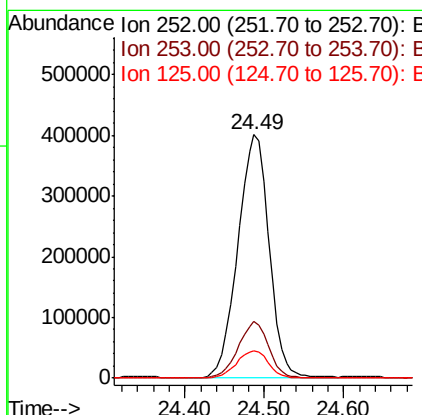
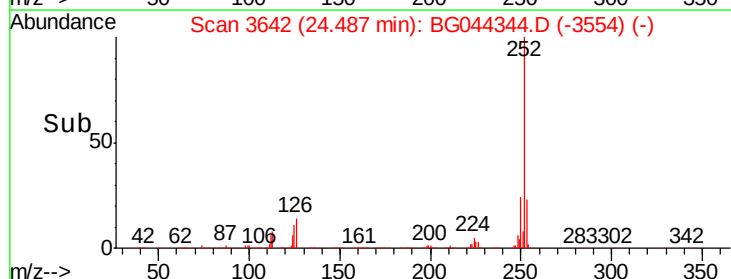
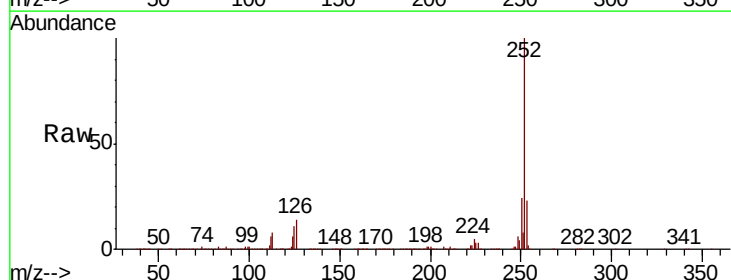
Manual Integrations
APPROVED

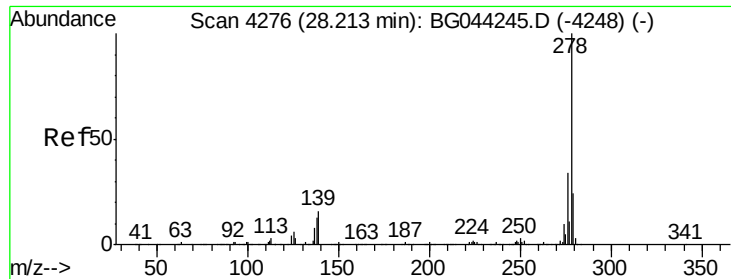
mohammad
2/11/2020 8:26:10 AM



#90
Benzo(a)pyrene
Concen: 42.277 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	8.6	13.0





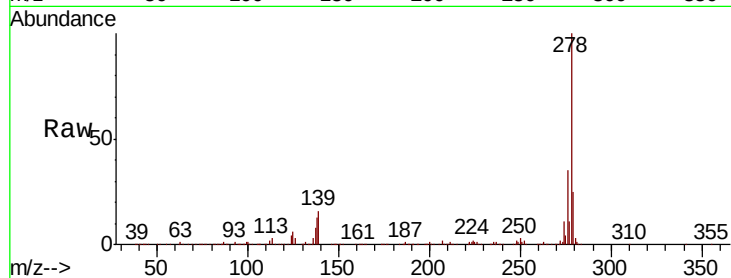
#91
Dibenzo(a,h)anthracene
Concen: 43.445 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

Instrument :
BNA_G
ClientSampleId :
06MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:10 AM

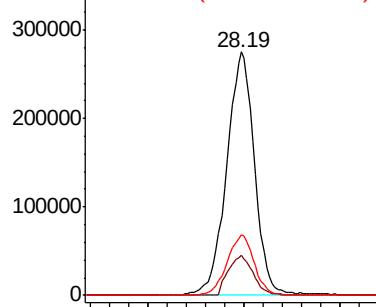


Abundance

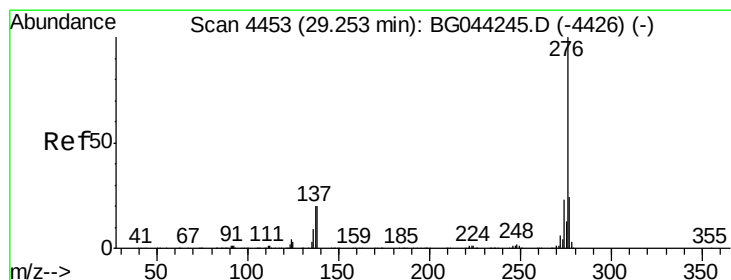
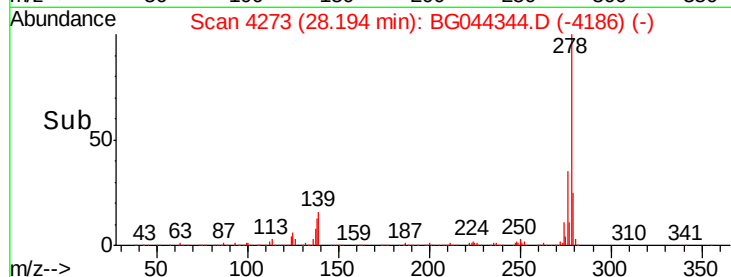
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 45.008 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.02 min
Lab File: BG044344.D
Acq: 7 Feb 2020 19:36

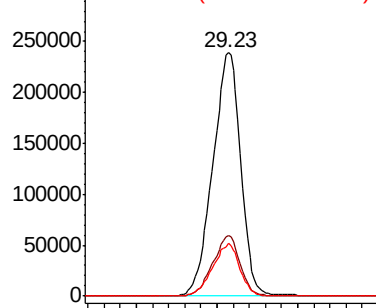
Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.9	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

