

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044482.D
 Acq On : 18 Feb 2020 21:17
 Operator : CG/JU
 Sample : PB126892BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:57:33 AM

Quant Time: Feb 19 02:14:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68930	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	287298	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	184925	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	424294	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	412159	20.00	ng	-0.01
87) Perylene-d12	24.61	264	300962	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	482061	123.42	ng	0.00
7) Phenol-d6	7.07	99	656272	125.13	ng	0.00
23) Nitrobenzene-d5	9.05	82	373680	73.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	280568	129.24	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	894728	81.02	ng	0.00
79) Terphenyl-d14	19.90	244	1395806	69.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	58433	33.299	ng	98
3) Pyridine	3.75	79	144737	30.958	ng	99
4) n-Nitrosodimethylamine	3.66	42	70446	36.059	ng	97
6) Aniline	7.22	93	107412	16.499	ng	99
8) 2-Chlorophenol	7.46	128	174863	40.737	ng	99
9) Benzaldehyde	7.04	77	725	0.243	ng	# 74
10) Phenol	7.10	94	214964	41.414	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	162408	36.598	ng	95
12) 1,3-Dichlorobenzene	7.78	146	189945	37.062	ng	98
13) 1,4-Dichlorobenzene	7.93	146	192561	37.935	ng	99
14) 1,2-Dichlorobenzene	8.25	146	181017	37.728	ng	99
15) Benzyl Alcohol	8.13	79	145718	39.243	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	221030	36.800	ng	99
17) 2-Methylphenol	8.35	107	149488	40.365	ng	97
18) Hexachloroethane	8.97	117	69241	36.350	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	123996	35.474	ng	99
20) 3+4-Methylphenols	8.68	107	206595	40.478	ng	99
22) Acetophenone	8.71	105	246990	35.339	ng	99
24) Nitrobenzene	9.09	77	183928	37.023	ng	98
25) Isophorone	9.62	82	349492	36.847	ng	99
26) 2-Nitrophenol	9.80	139	103693	40.225	ng	100
27) 2,4-Dimethylphenol	9.87	122	162877	44.760	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	219996	34.769	ng	99
29) 2,4-Dichlorophenol	10.35	162	179444	40.783	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	191051	37.867	ng	99
31) Naphthalene	10.74	128	548225	39.331	ng	99
32) Benzoic acid	10.03	122	53425m	29.880	ng	
33) 4-Chloroaniline	10.85	127	123237	19.440	ng	97
34) Hexachlorobutadiene	11.04	225	108993	35.108	ng	98
35) Caprolactam	11.62	113	68178m	42.299	ng	
36) 4-Chloro-3-methylphenol	11.99	107	195013	42.273	ng	98
37) 2-Methylnaphthalene	12.35	142	418459	40.434	ng	98
38) 1-Methylnaphthalene	12.58	142	397171	40.706	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	221566	40.054	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044482.D
 Acq On : 18 Feb 2020 21:17
 Operator : CG/JU
 Sample : PB126892BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

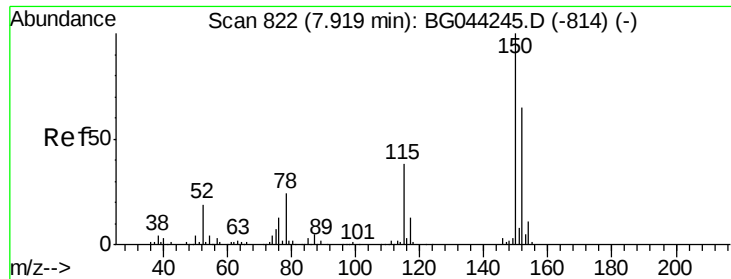
Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:57:33 AM

Quant Time: Feb 19 02:14:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	43994	16.575	nq	98
43) 2,4,6-Trichlorophenol	12.97	196	151916	42.487	nq	97
44) 2,4,5-Trichlorophenol	13.05	196	162421	44.474	nq	98
46) 1,1'-Biphenyl	13.36	154	533712	40.012	nq	100
47) 2-Chloronaphthalene	13.41	162	426332	40.165	nq	99
48) 2-Nitroaniline	13.61	65	123388	39.389	nq	96
49) Acenaphthylene	14.26	152	663103	42.593	nq	99
50) Dimethylphthalate	13.99	163	509720	38.345	nq	99
51) 2,6-Dinitrotoluene	14.10	165	120633	40.701	nq	100
52) Acenaphthene	14.60	154	415128	41.138	nq	98
53) 3-Nitroaniline	14.43	138	104561	31.887	nq	98
54) 2,4-Dinitrophenol	14.65	184	70499	43.941	nq	99
55) Dibenzofuran	14.93	168	658174	43.079	nq	98
56) 4-Nitrophenol	14.76	139	211338	87.986	nq	97
57) 2,4-Dinitrotoluene	14.90	165	176741	42.546	nq	99
58) Fluorene	15.58	166	525111	43.637	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	150335	45.573	nq	97
60) Diethylphthalate	15.36	149	535788	40.451	nq	99
61) 4-Chlorophenyl-phenylether	15.57	204	271362	41.590	nq	98
62) 4-Nitroaniline	15.60	138	130722	39.896	nq	96
63) Azobenzene	15.87	77	487523	41.996	nq	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	66681	28.471	nq	99
66) n-Nitrosodiphenylamine	15.79	169	481194	40.469	nq	100
67) 4-Bromophenyl-phenylether	16.47	248	178525	38.620	nq	98
68) Hexachlorobenzene	16.60	284	198647	38.357	nq	98
69) Atrazine	16.74	200	88309	21.668	nq	96
70) Pentachlorophenol	16.94	266	305291	115.136	nq	99
71) Phenanthrene	17.32	178	837812	40.778	nq	98
72) Anthracene	17.41	178	826294	40.678	nq	98
73) Carbazole	17.68	167	775198	41.397	nq	100
74) Di-n-butylphthalate	18.25	149	962301	41.584	nq	98
75) Fluoranthene	19.33	202	973798	40.972	nq	99
77) Benzidine	19.51	184	160973	14.081	nq	96
78) Pyrene	19.69	202	977406	36.926	nq	99
80) Butylbenzylphthalate	20.58	149	437277	36.252	nq	98
81) Benzo(a)anthracene	21.51	228	935083	36.812	nq	99
82) 3,3'-Dichlorobenzidine	21.42	252	313051	31.754	nq	100
83) Chrysene	21.57	228	891948	36.327	nq	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	603904	36.374	nq	99
85) Di-n-octyl phthalate	22.59	149	1070230	37.256	nq	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1071164	33.439	nq	# 76
88) Benzo(b)fluoranthene	23.64	252	984428	56.764	nq	99
89) Benzo(k)fluoranthene	23.70	252	962639	56.952	nq	99
90) Benzo(a)pyrene	24.47	252	948076	57.820	nq	99
91) Dibenzo(a,h)anthracene	28.16	278	947046	58.360	nq	99
92) Benzo(g,h,i)perylene	29.20	276	801027	49.309	nq	98

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



#1

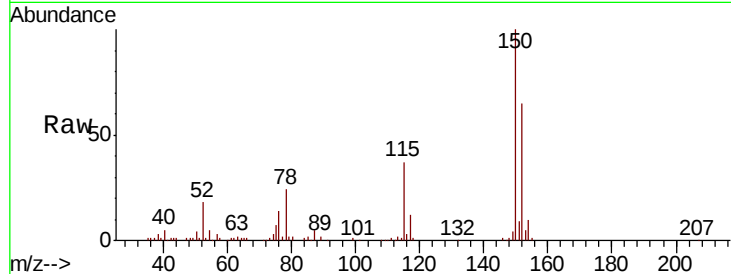
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.6	183.8
115	57.8	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

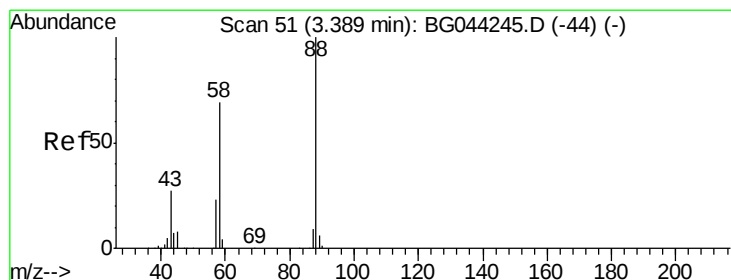
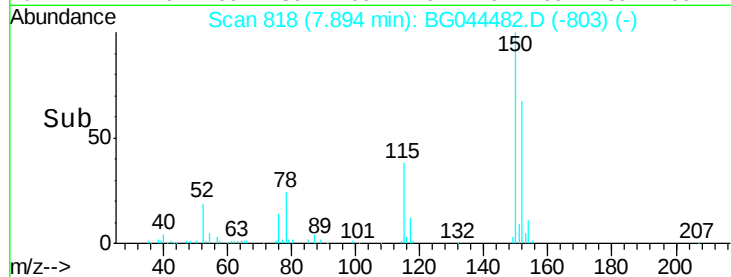
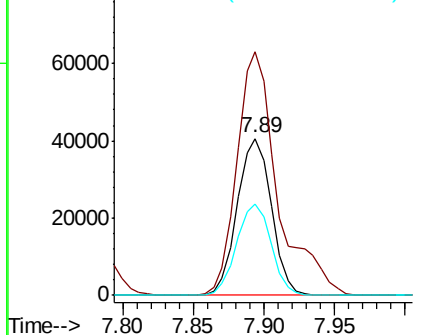


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

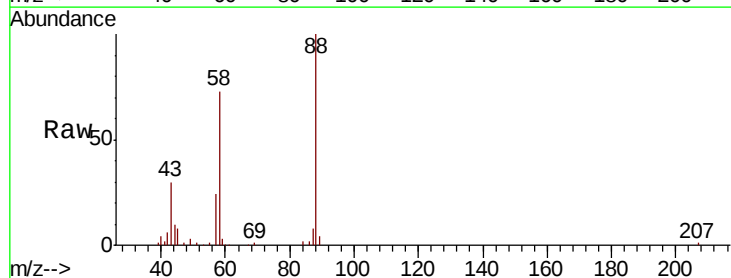
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.299 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	55.8	83.6
43	26.3	21.6	32.4

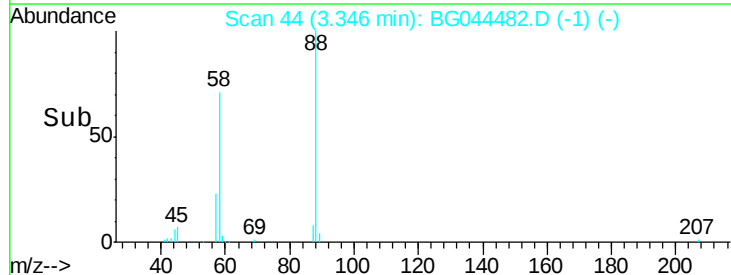
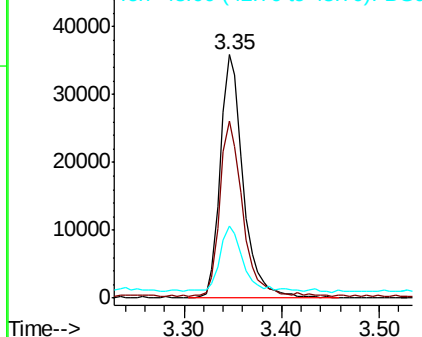


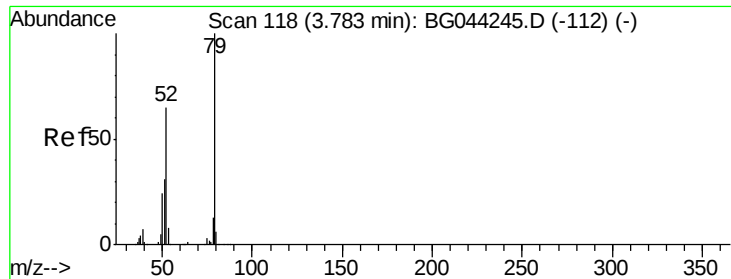
Abundance

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





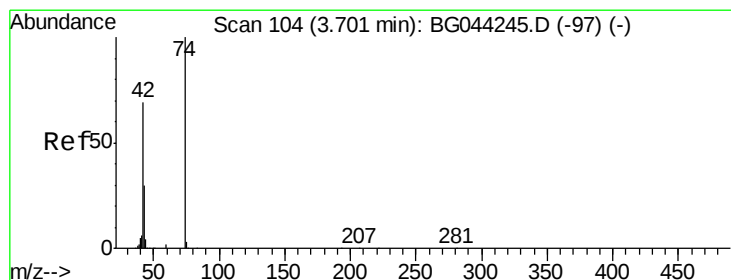
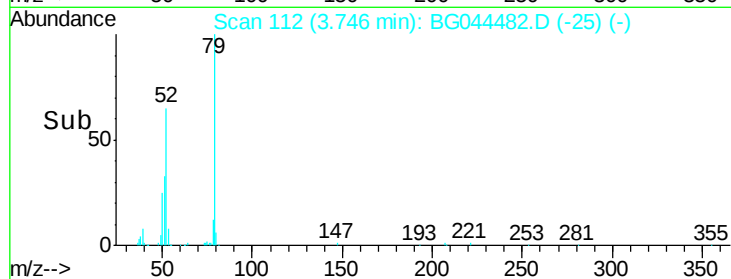
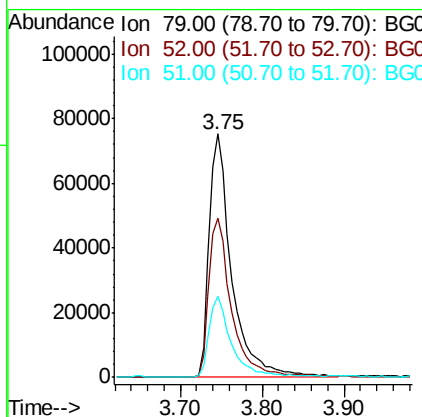
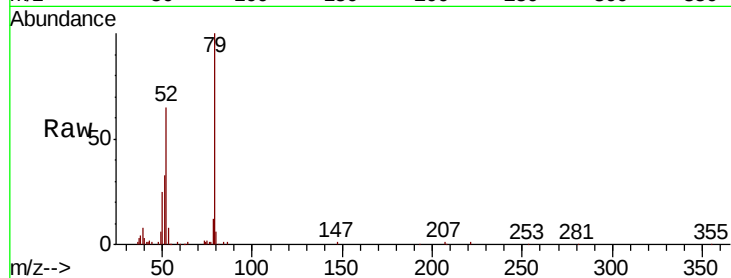
#3
 Pvridine
 Concen: 30.958 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.02 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	144737		
52	65.3	51.9	77.9	
51	33.5	25.3	37.9	

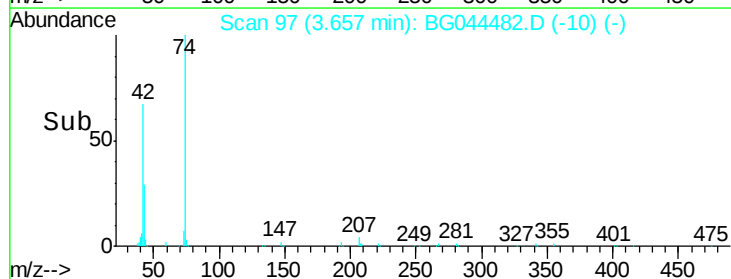
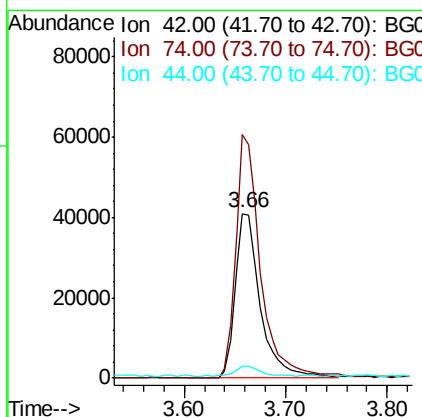
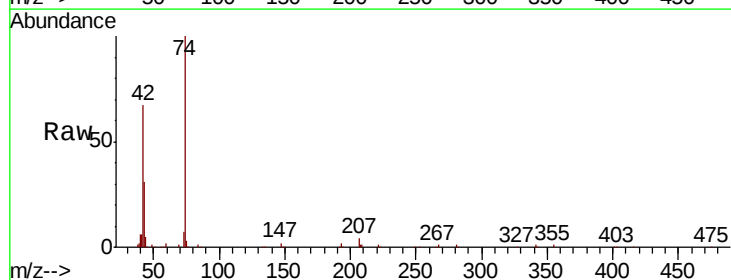
Manual Integrations
 APPROVED

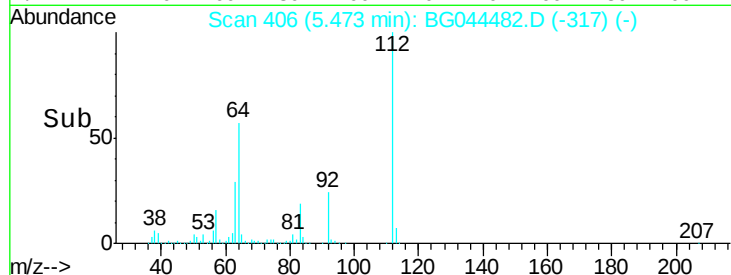
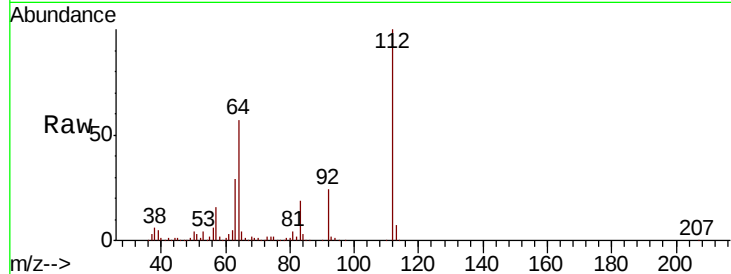
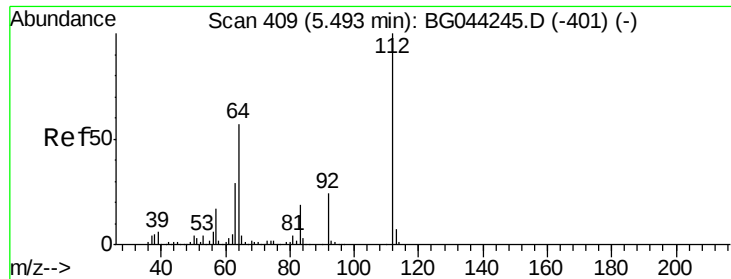
mohammad
 2/20/2020 8:57:33 AM



#4
 n-Nitrosodimethylamine
 Concen: 36.059 ng
 RT: 3.66 min Scan# 97
 Delta R.T. -0.02 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	70446		
74	148.2	115.1	172.7	
44	7.4	5.6	8.4	





#5

2-Fluorophenol

Concen: 123.424 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tot Ion	Ratio	Resp	Lower	Upper
112	100	482061		
64	57.4		45.4	68.2
63	28.6		22.9	34.3

Instrument :

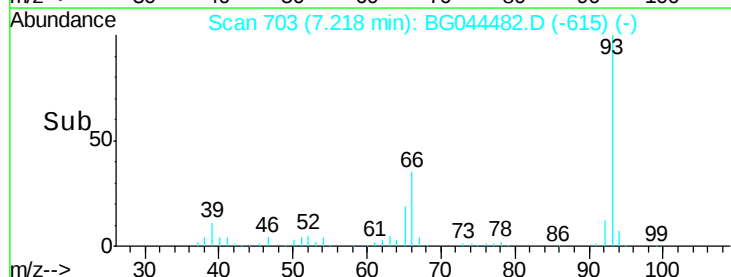
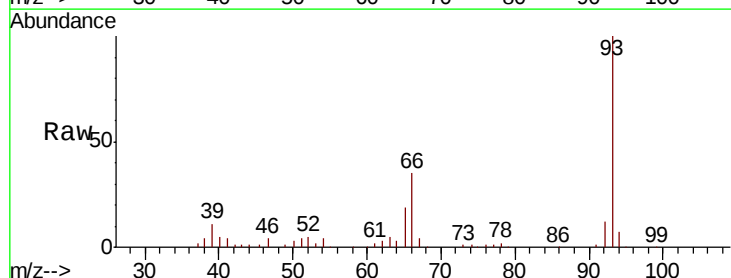
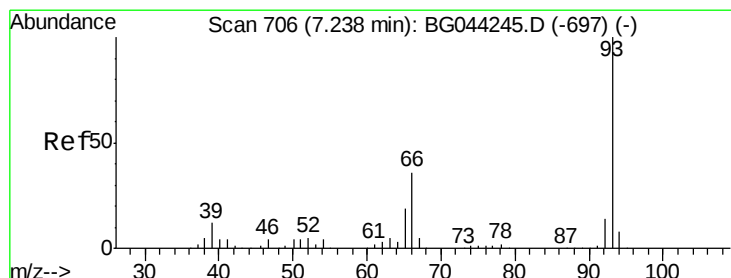
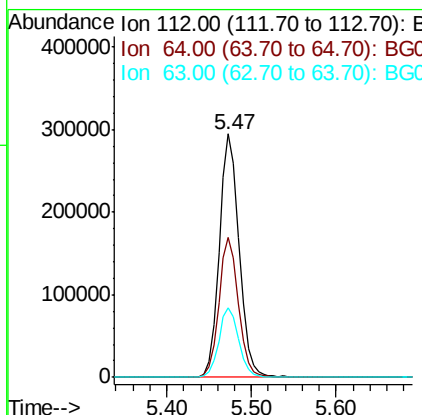
BNA_G

ClientSampleId :

PB126892BS

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#6

Aniline

Concen: 16.499 ng

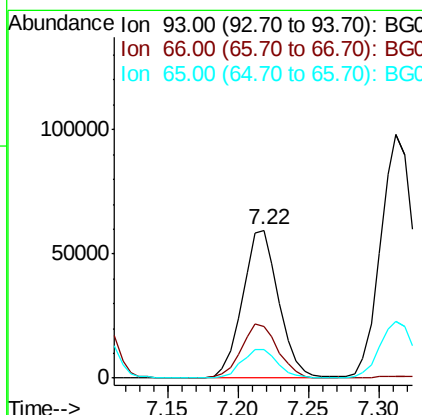
RT: 7.22 min Scan# 703

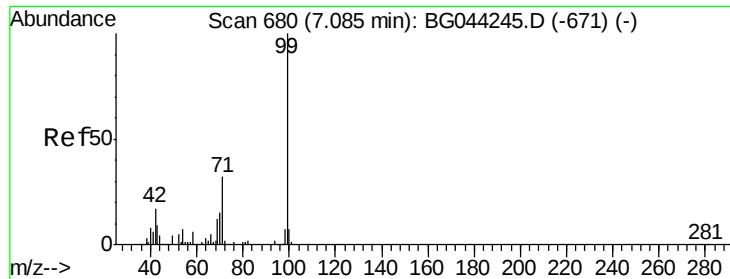
Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	107412		
66	35.3		28.7	43.1
65	19.1		15.4	23.0





#7

Phenol-d6

Concen: 125.128 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

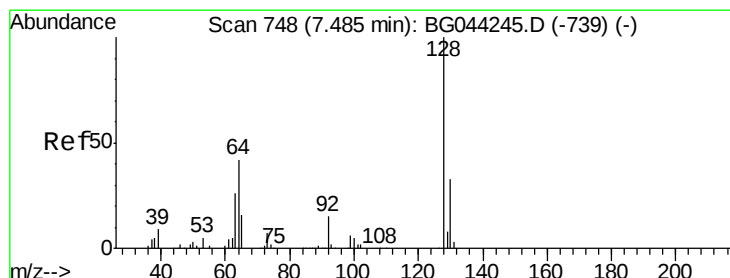
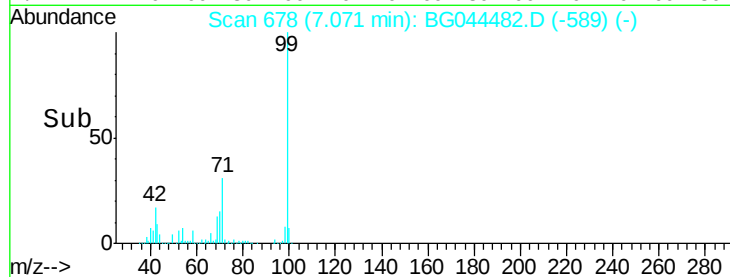
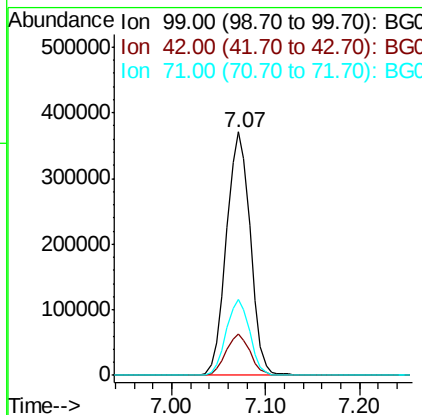
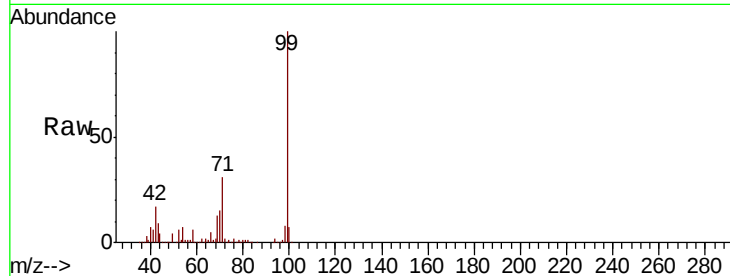
ClientSampleId :

PB126892BS

Tot Ion:	99	Resp:	656272
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.6
71	31.3	25.5	38.3

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#8

2-Chlorophenol

Concen: 40.737 ng

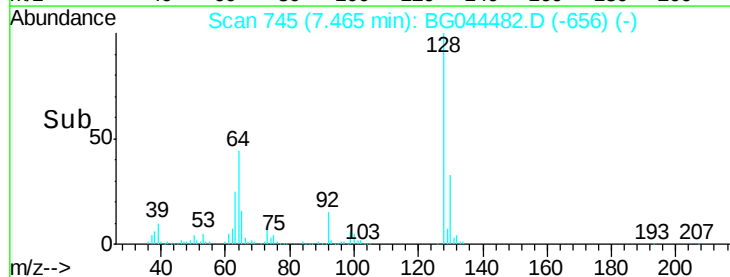
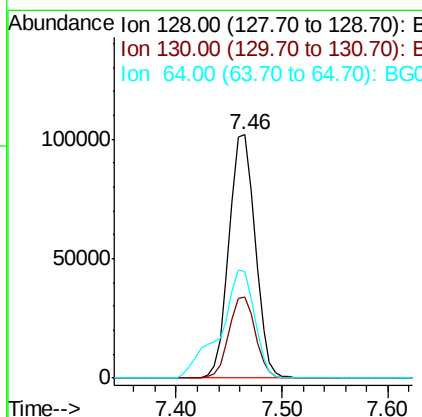
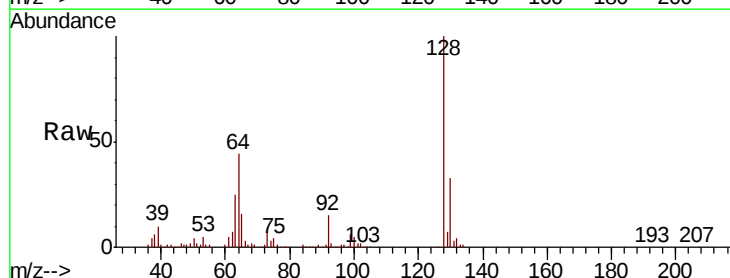
RT: 7.46 min Scan# 745

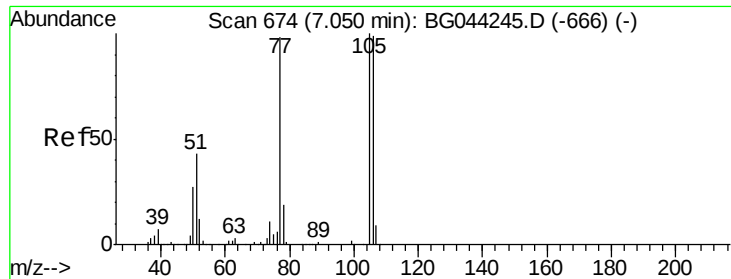
Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion:	128	Resp:	174863
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.5	52.5
64	44.0	24.2	64.2





#9

Benzaldehyde

Concen: 0.243 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

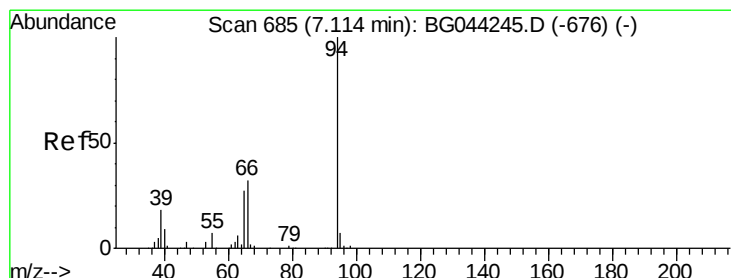
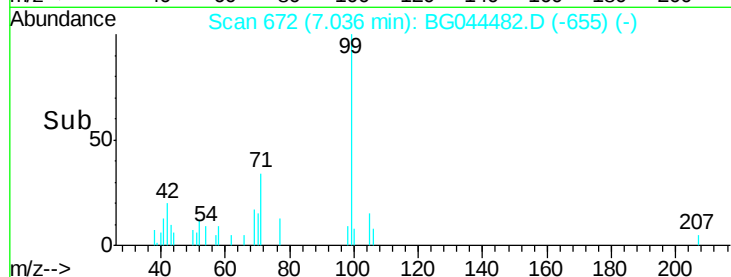
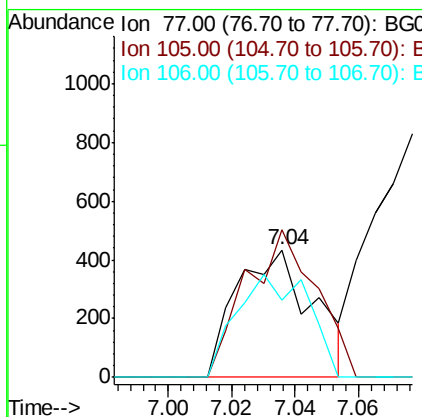
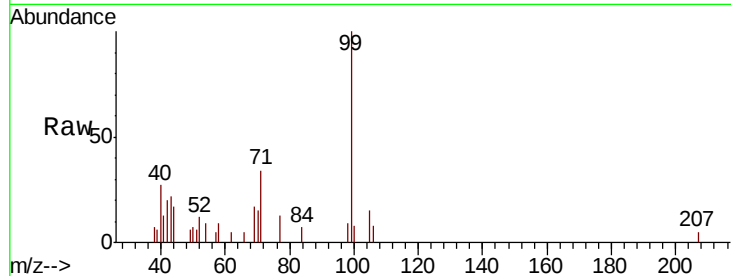
ClientSampled :

PB126892BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	115.6	82.0	122.0
106	60.9	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#10

Phenol

Concen: 41.414 ng

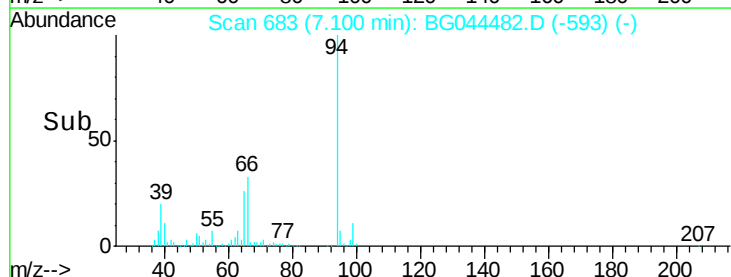
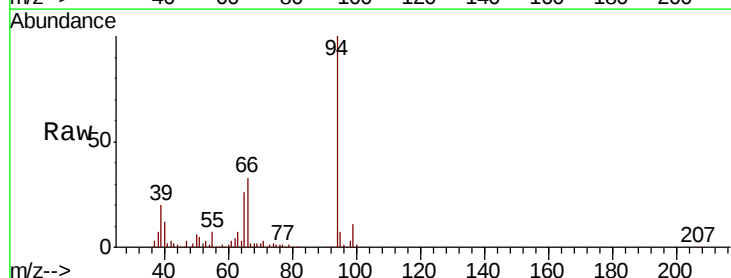
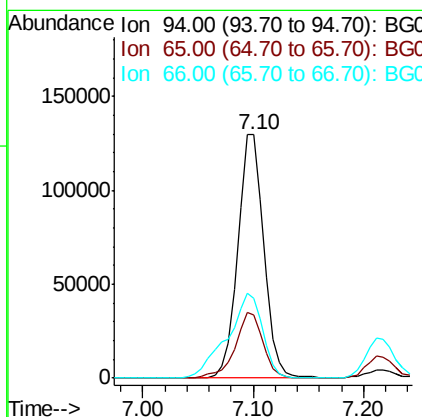
RT: 7.10 min Scan# 683

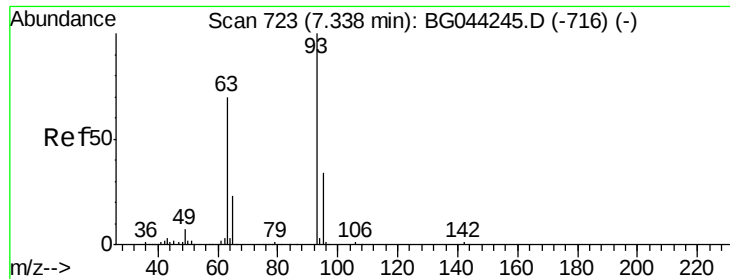
Delta R.T. 0.00 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.0	47.0
66	32.8	12.7	52.7





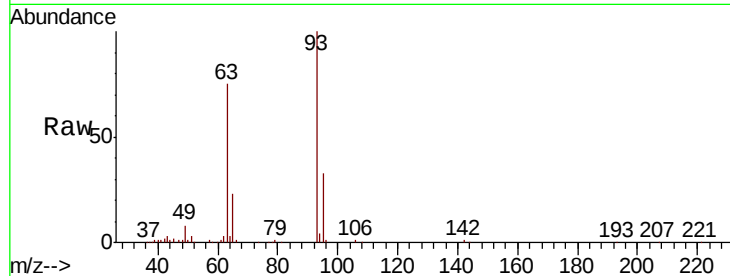
#11
bis(2-Chloroethyl)ether
Concen: 36.598 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampled :
PB126892BS

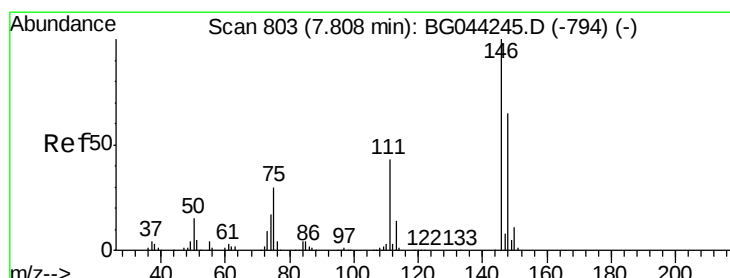
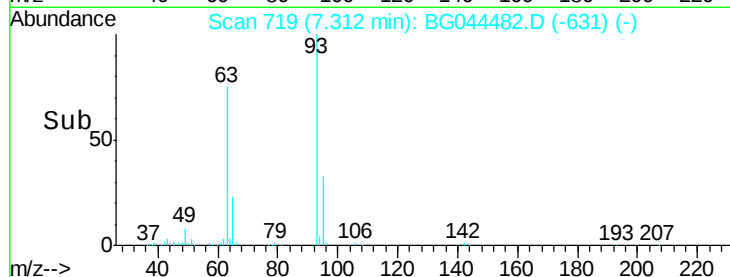
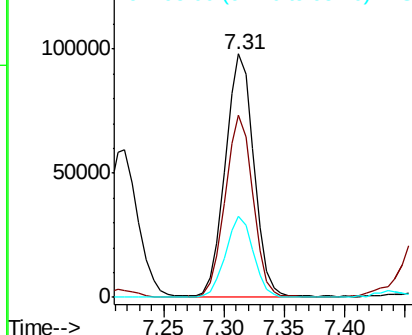
Tot Ion	Ratio	Resp	Lower	Upper
93	100	162408		
63	74.7		49.2	89.2
95	33.1		13.6	53.6

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

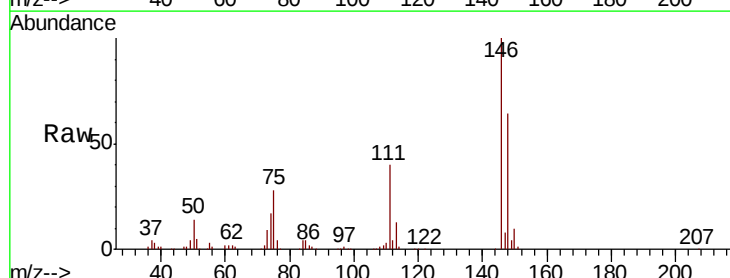


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

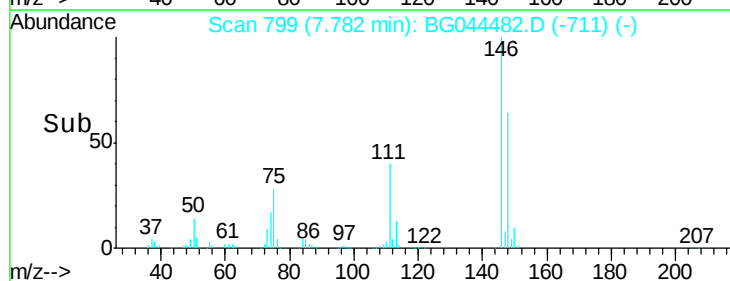
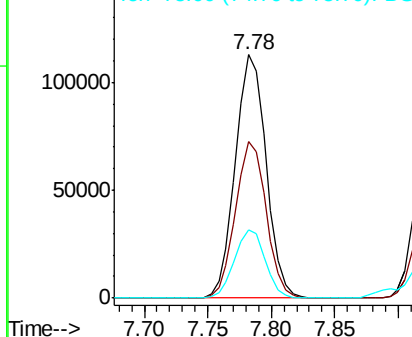


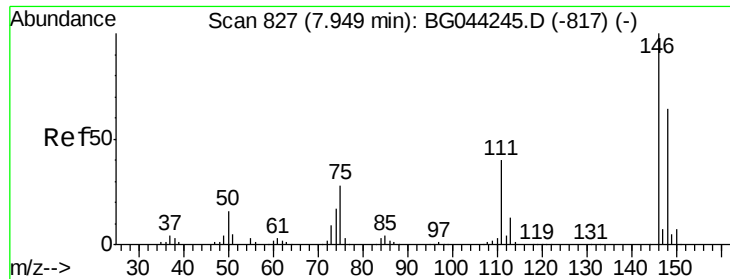
#12
1,3-Dichlorobenzene
Concen: 37.062 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189945		
148	64.1		51.8	77.8
75	27.9		23.7	35.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





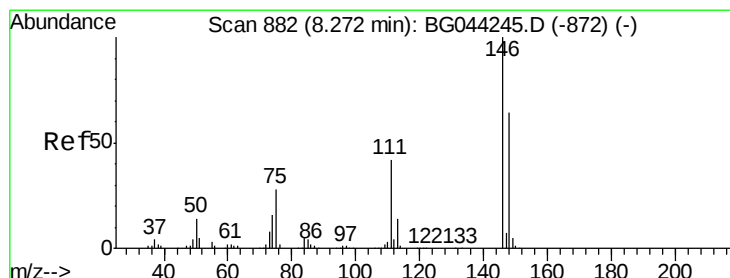
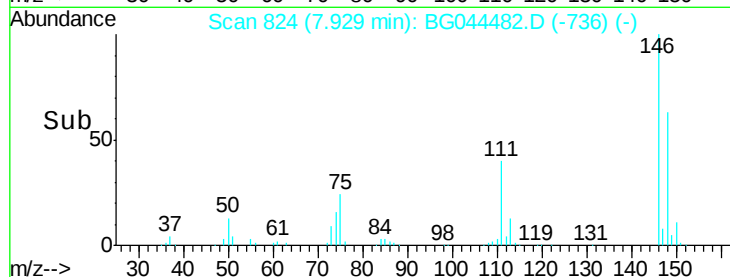
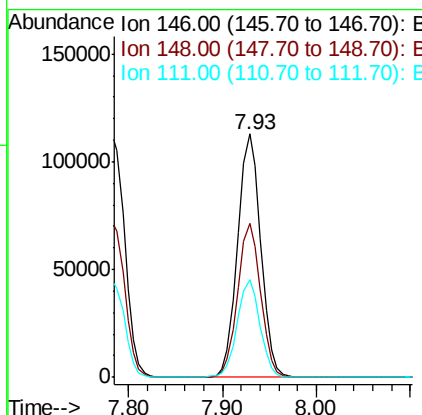
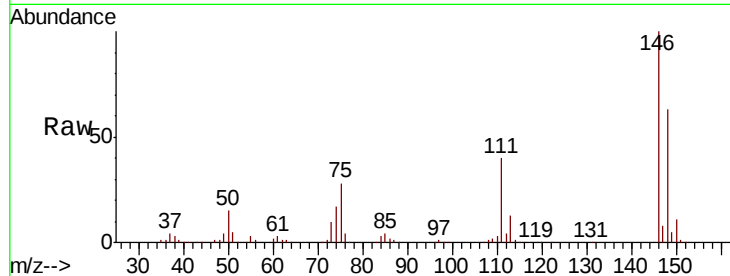
#13
 1,4-Dichlorobenzene
 Concen: 37.935 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampled :
 PB126892BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	40.3	31.8	47.8

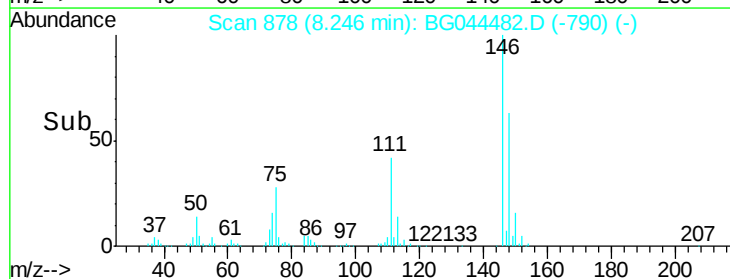
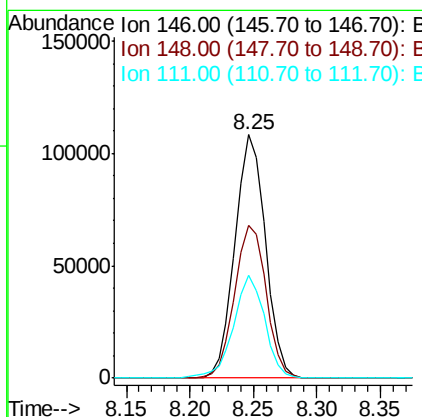
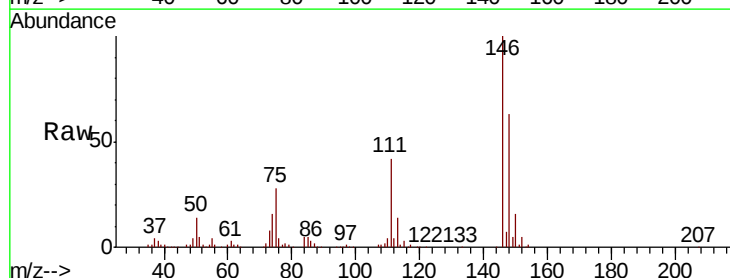
Manual Integrations
 APPROVED

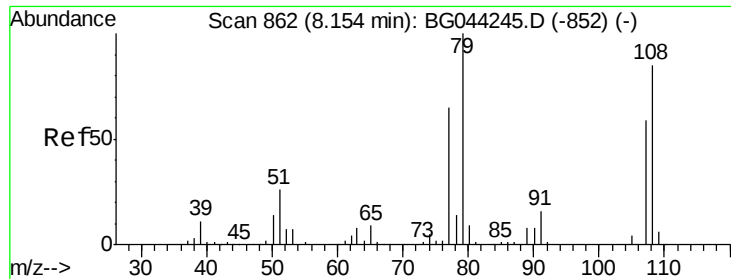
mohammad
 2/20/2020 8:57:33 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.728 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.2	76.8
111	42.2	34.0	51.0





#15

Benzyl Alcohol

Concen: 39.243 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

ClientSampleID :

PB126892BS

Tot Ion: 79 Resp: 145718

Ion Ratio Lower Upper

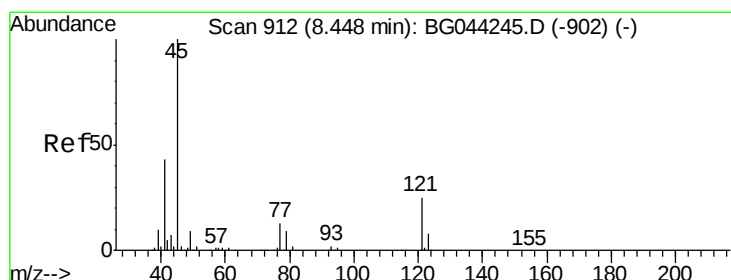
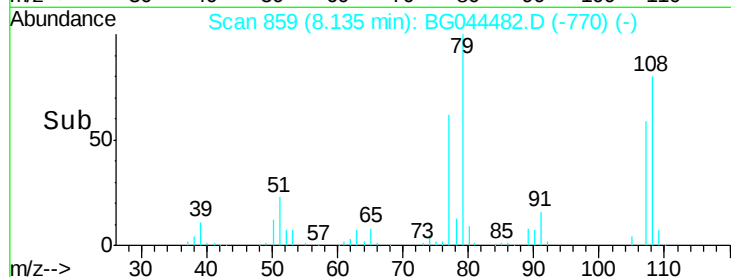
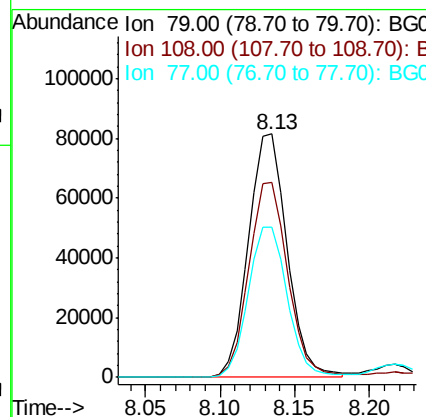
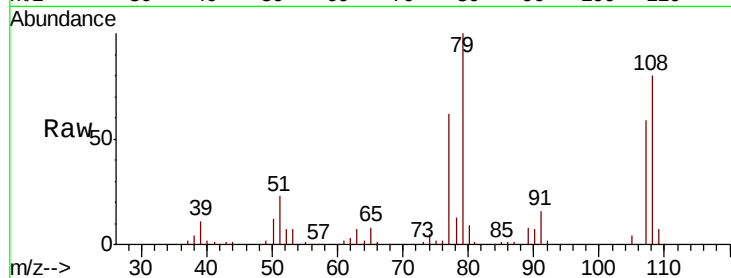
79 100

108 80.0 68.3 102.5

77 61.7 51.8 77.8

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.800 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

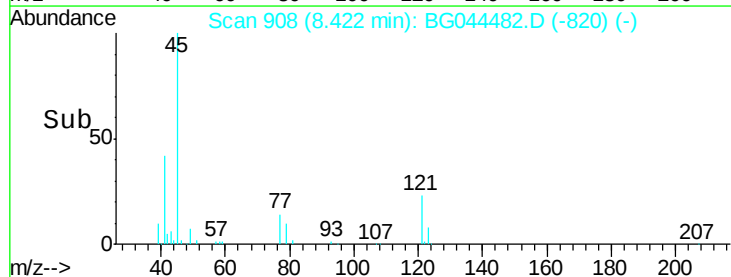
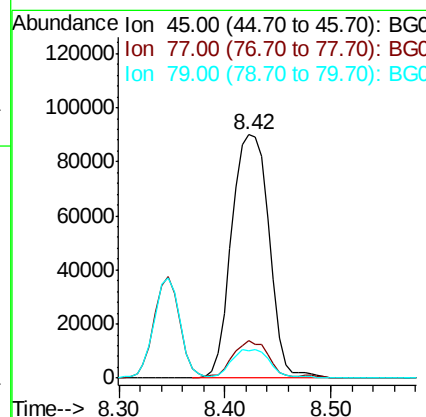
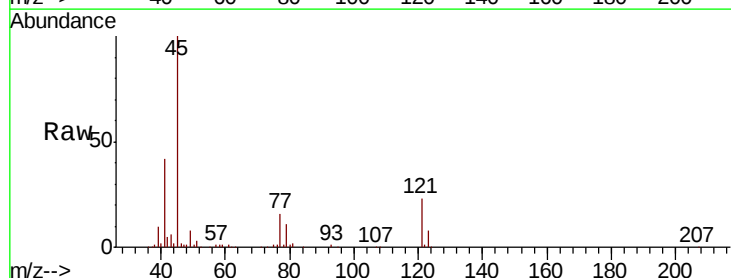
Tgt Ion: 45 Resp: 221030

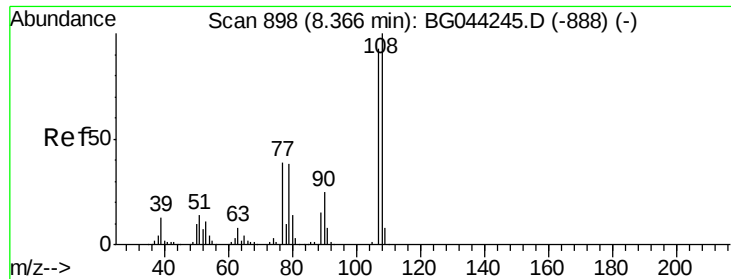
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.2

79 11.0 0.0 31.1





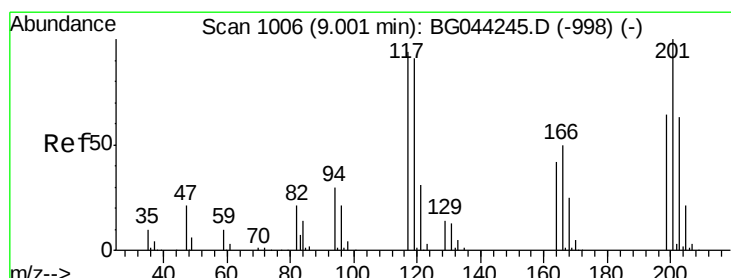
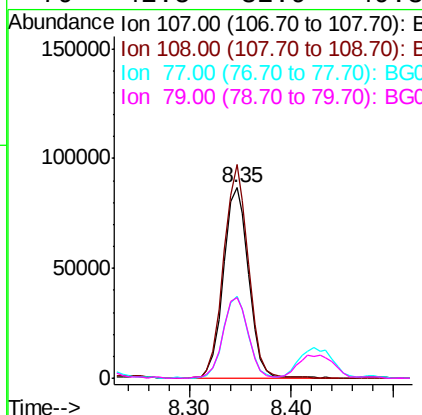
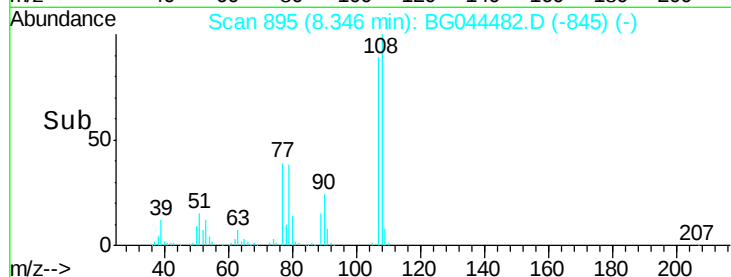
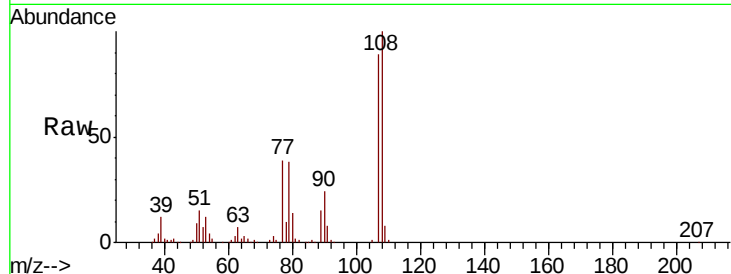
#17
2-Methylphenol
Concen: 40.365 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	86.4	129.6	
77	43.2	34.0	51.0	
79	42.5	32.9	49.3	

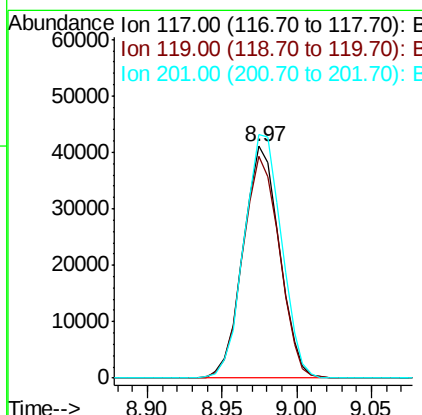
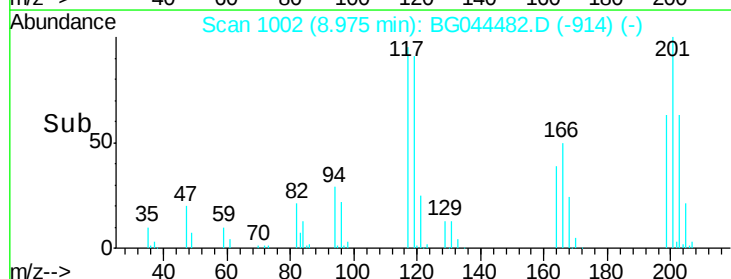
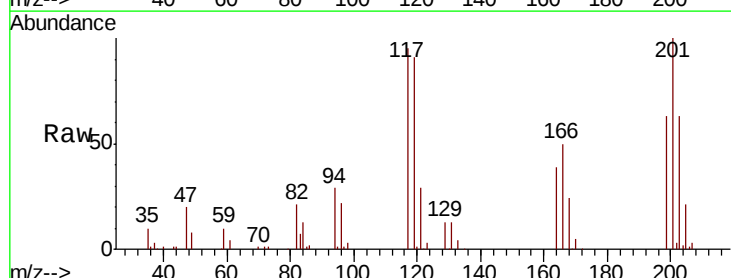
Manual Integrations
APPROVED

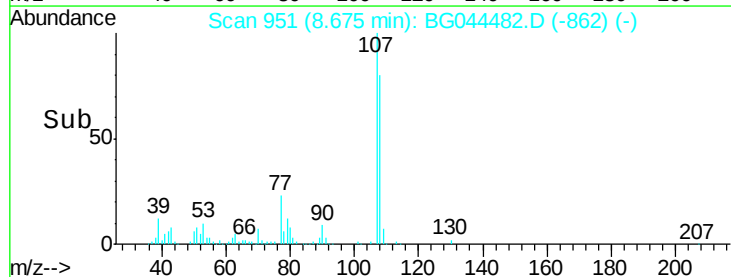
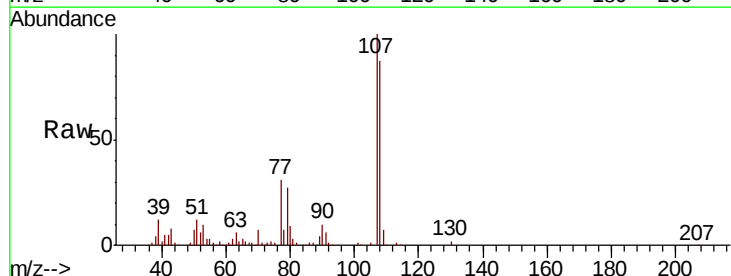
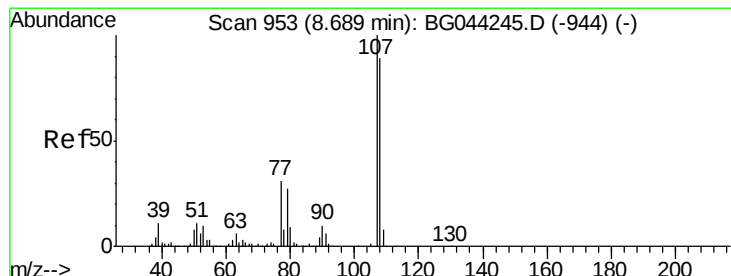
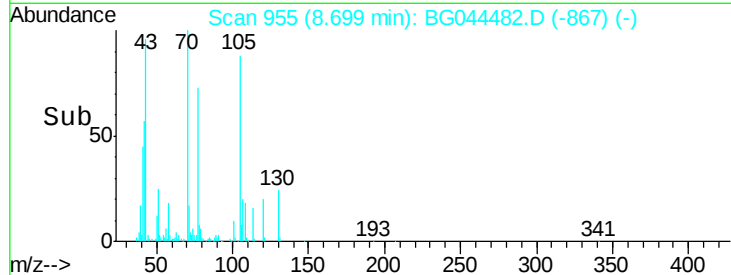
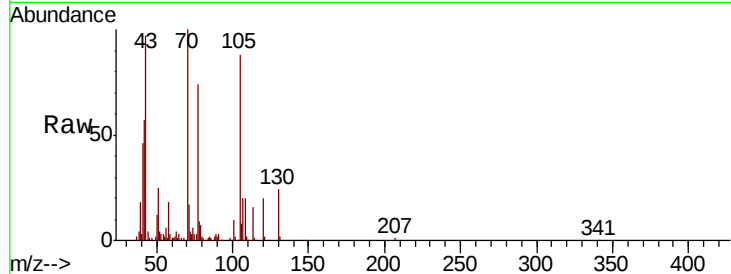
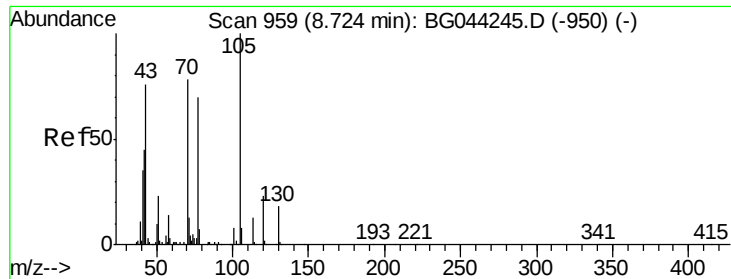
mohammad
2/20/2020 8:57:33 AM



#18
Hexachloroethane
Concen: 36.350 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

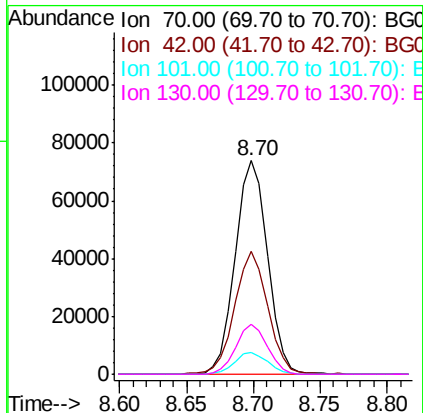
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.5	116.3	
201	105.2	84.9	127.3	





#19
n-Nitroso-di-n-propylamine
Concen: 35.474 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.4	46.2	69.2		
101	10.4	8.4	12.6		
130	23.6	17.8	26.8		



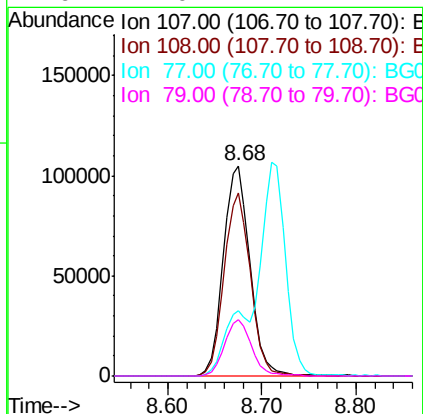
Instrument :
BNA_G
ClientSampleId :
PB126892BS

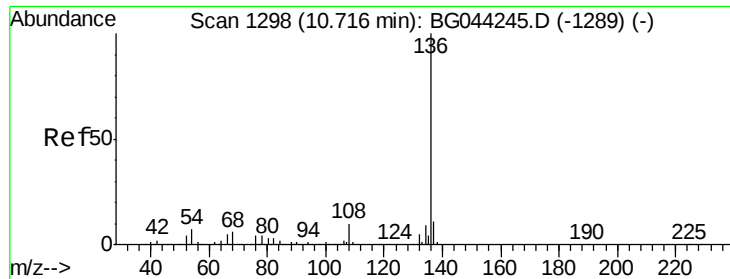
Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

#20
3+4-Methylphenols
Concen: 40.478 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	68.5	108.5		
77	31.0	10.9	50.9		
79	27.0	7.1	47.1		





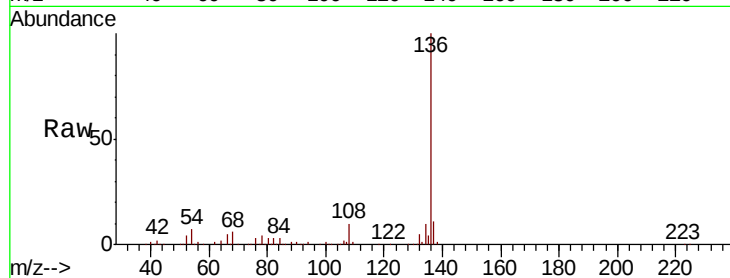
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	287298		
137	11.2		8.8	13.2
54	7.1		5.8	8.8
68	6.2		4.6	6.8

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



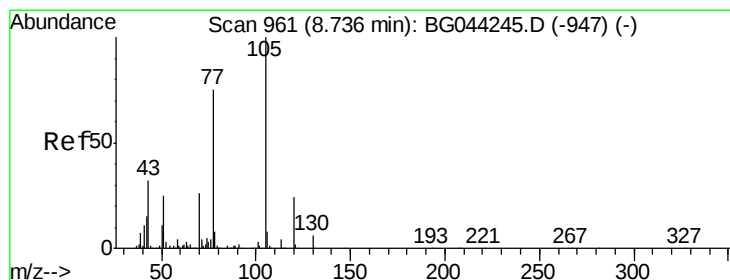
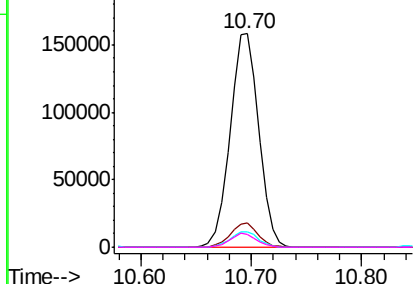
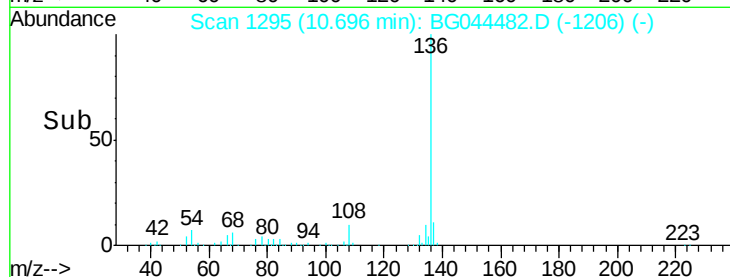
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

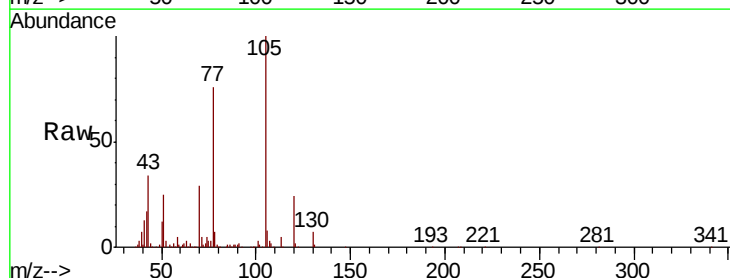
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 35.339 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246990		
71	4.9		3.4	5.0
51	24.8		20.2	30.4
120	23.6		19.1	28.7



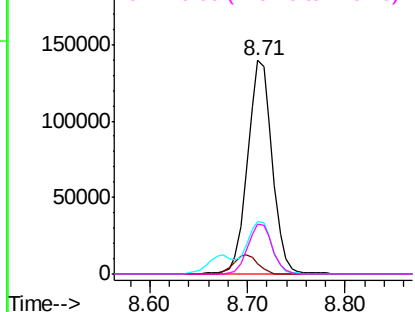
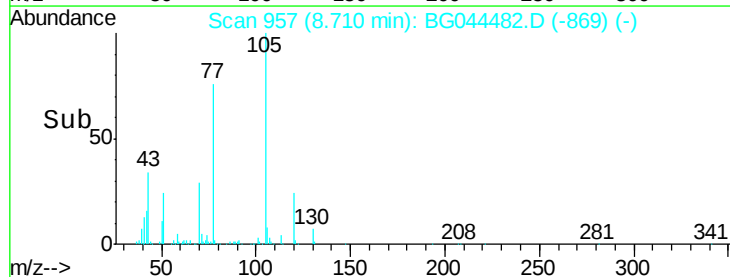
Abundance

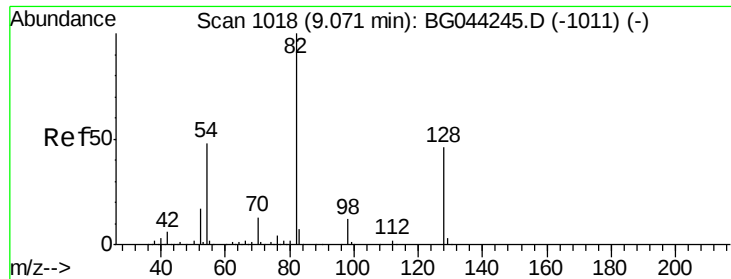
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





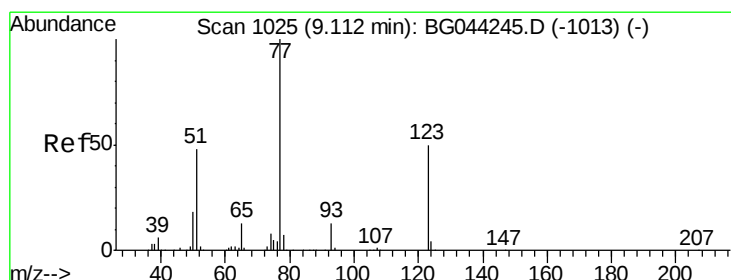
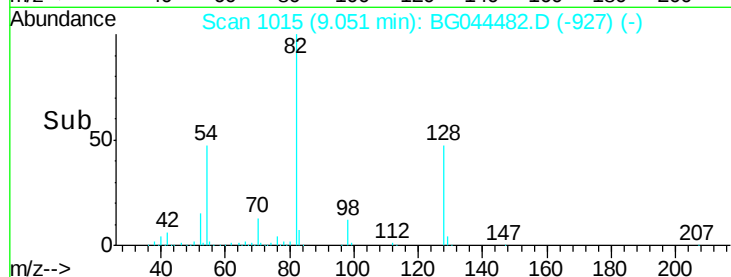
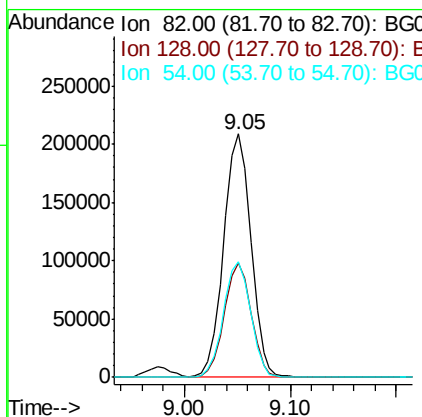
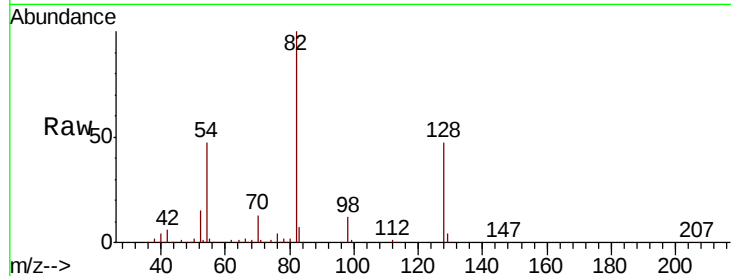
#23
Nitrobenzene-d5
Concen: 73.431 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	82	Resp	373680
Ion Ratio	100	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	47.3	38.6	58.0

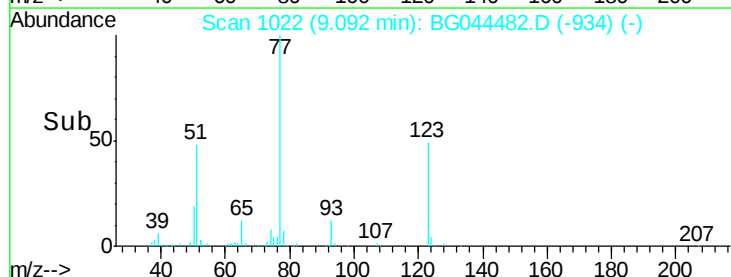
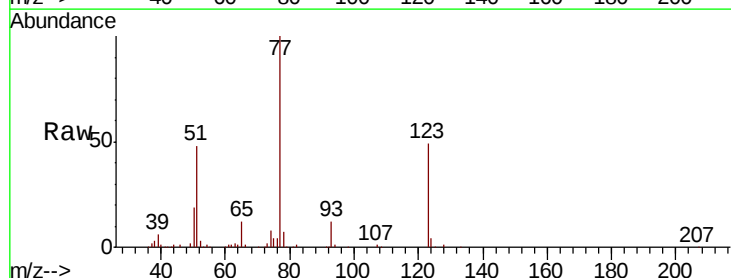
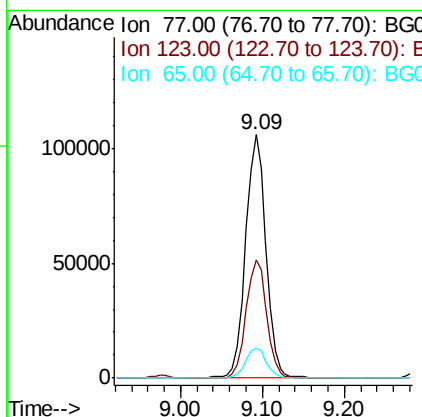
Manual Integrations
APPROVED

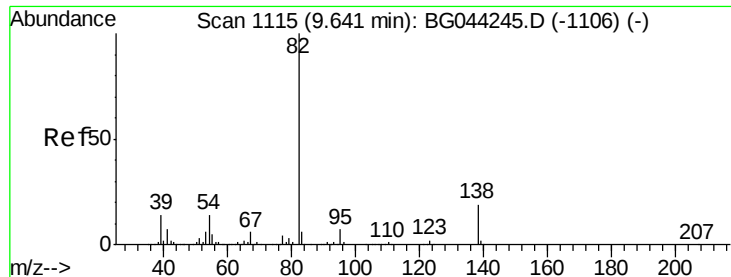
mohammad
2/20/2020 8:57:33 AM



#24
Nitrobenzene
Concen: 37.023 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	77	Resp	183928
Ion Ratio	100	Lower	Upper
77	100		
123	48.8	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 36.847 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

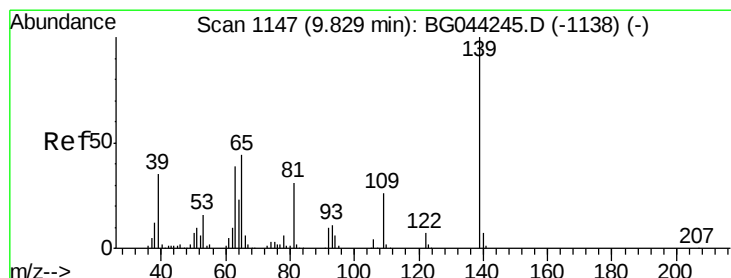
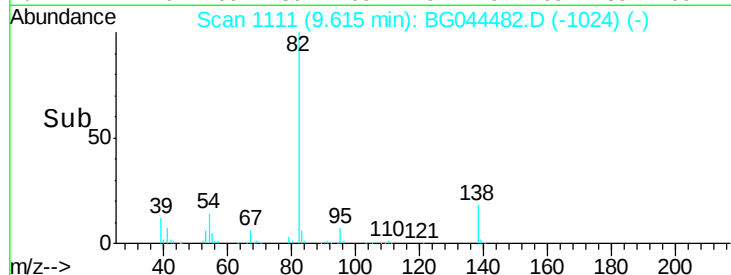
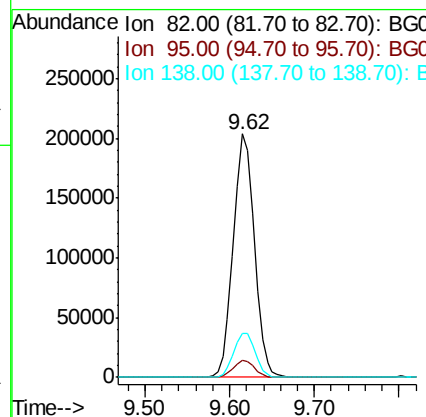
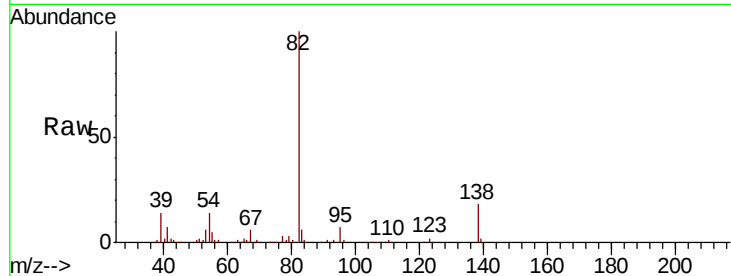
ClientSampled :

PB126892BS

Tot Ion:	82	Resp:	349492
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	18.2	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#26

2-Nitrophenol

Concen: 40.225 ng

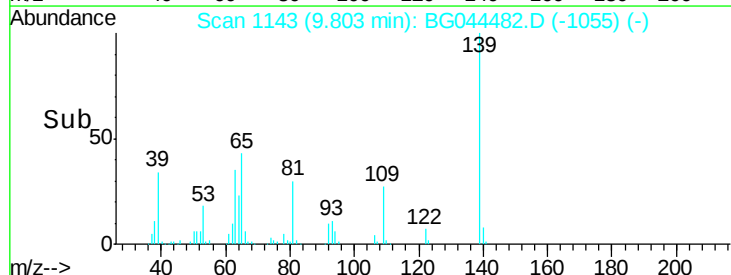
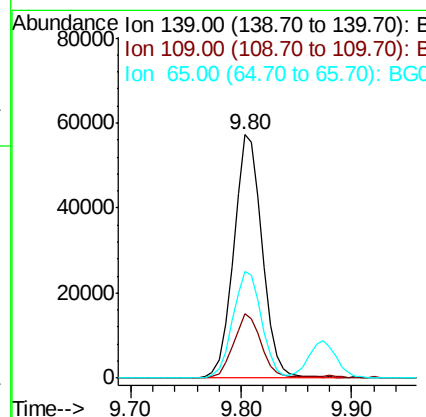
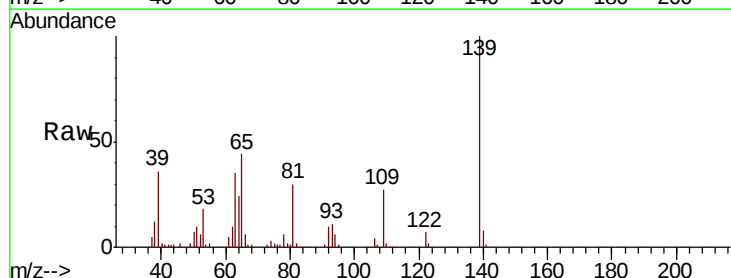
RT: 9.80 min Scan# 1143

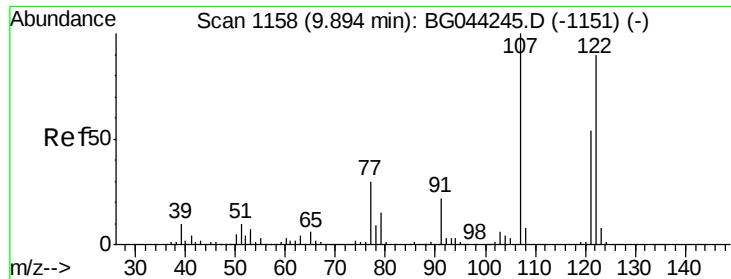
Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion:	139	Resp:	103693
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.0	31.4
65	43.7	35.0	52.4





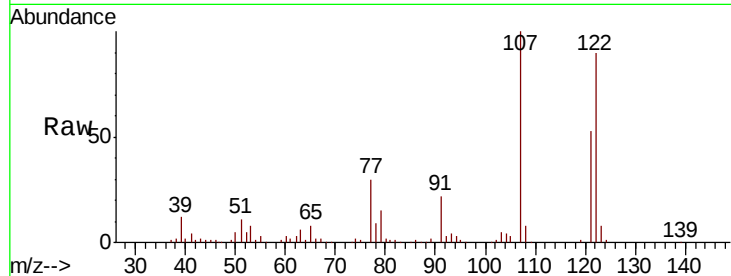
#27
2,4-Dimethylphenol
Concen: 44.760 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.8	133.2
121	59.3	48.3	72.5

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

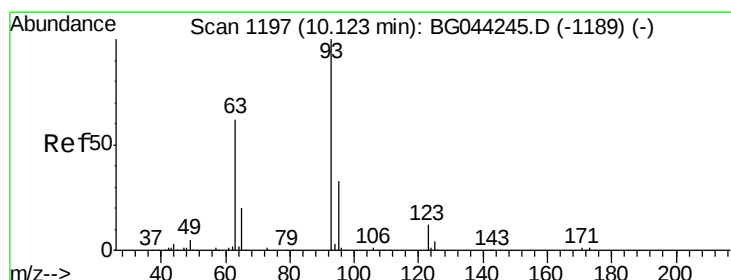
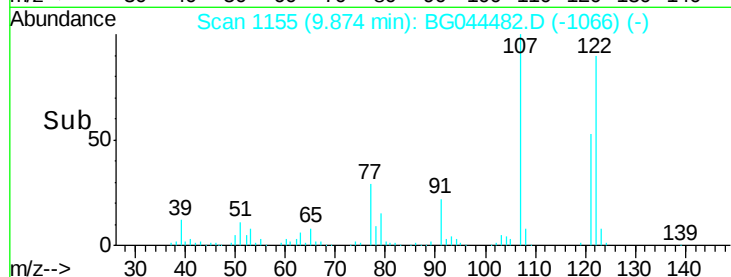
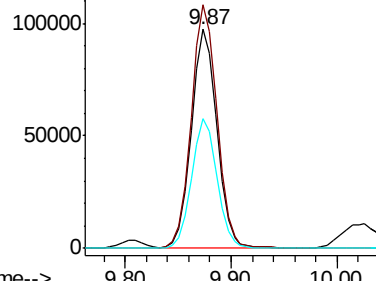


Abundance

Ion 122.00 (121.70 to 122.70): E

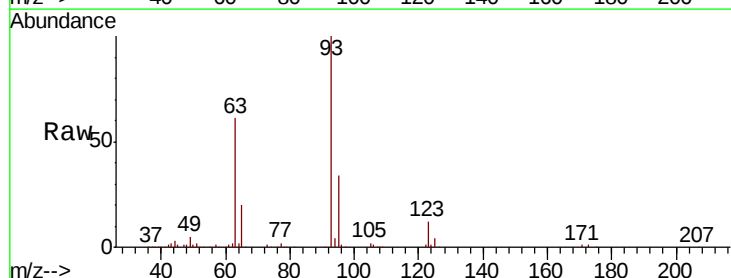
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 34.769 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	40.0
123	11.5	10.0	15.0

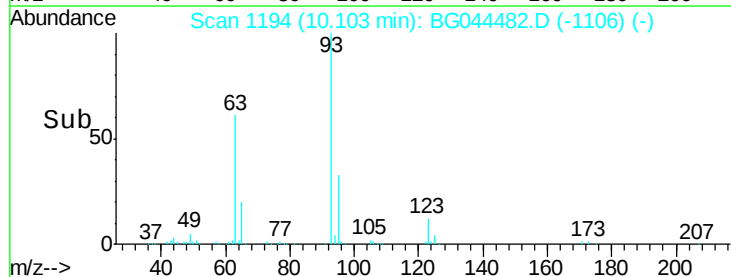
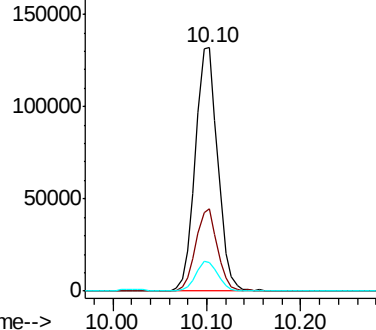


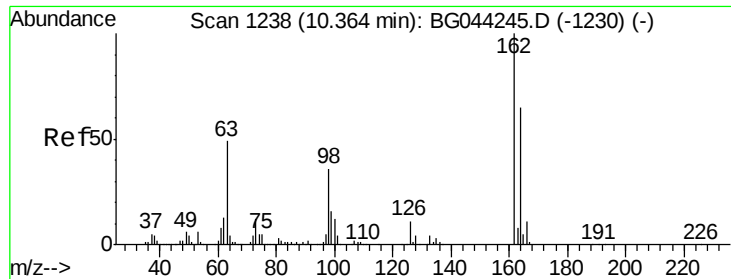
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





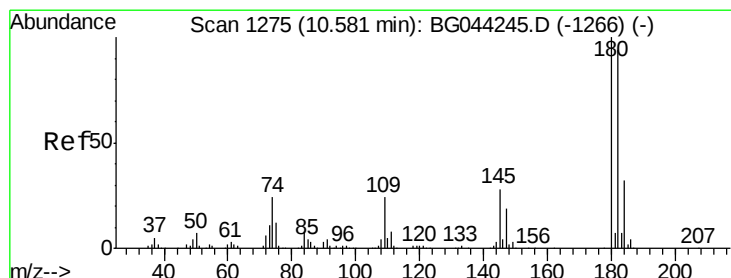
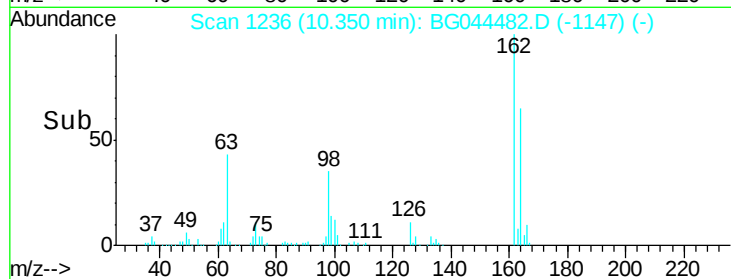
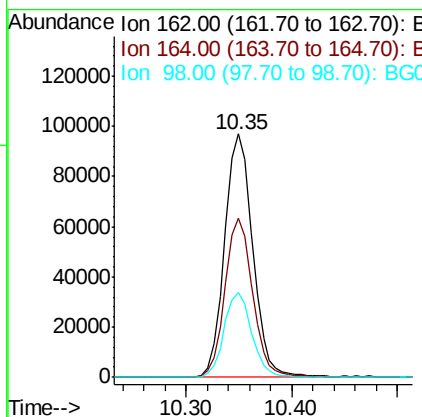
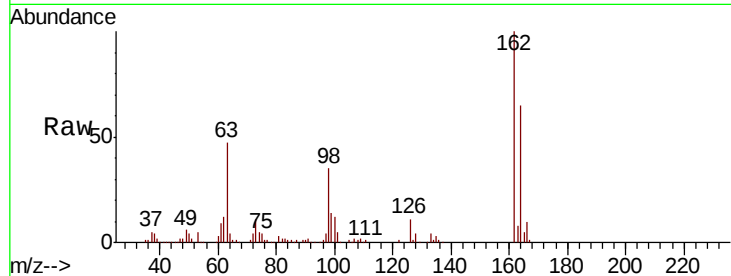
#29
2,4-Dichlorophenol
Concen: 40.783 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179444		
164	65.2	44.7	84.7	
98	35.1	15.8	55.8	

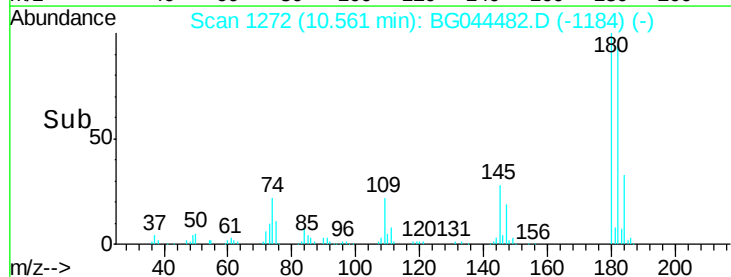
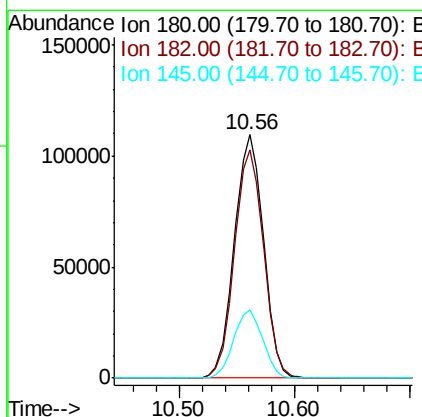
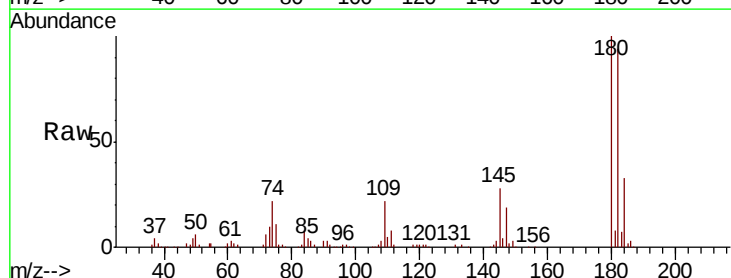
Manual Integrations
APPROVED

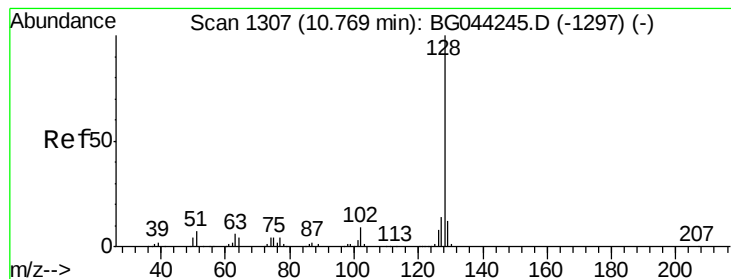
mohammad
2/20/2020 8:57:33 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.867 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191051		
182	93.9	75.5	113.3	
145	27.8	22.6	34.0	





#31

Naphthalene

Concen: 39.331 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

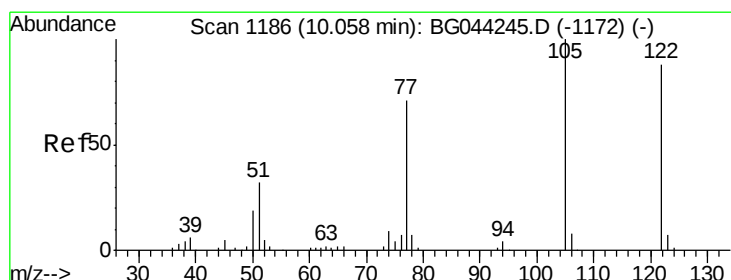
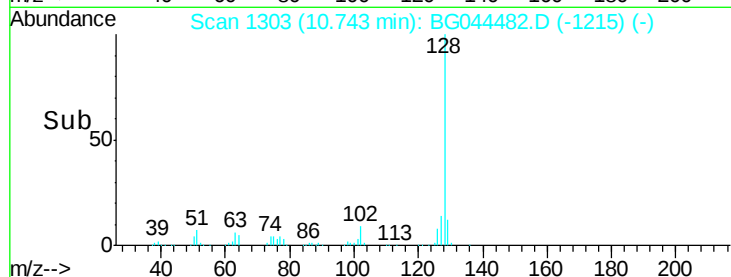
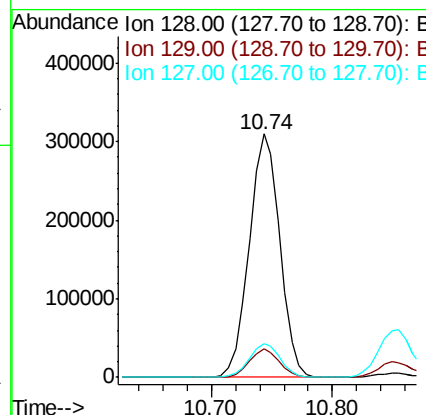
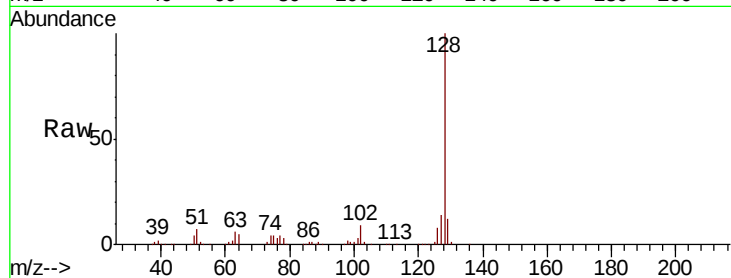
ClientSampleId :

PB126892BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.7	11.6	17.4

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#32

Benzoic acid

Concen: 29.880 ng m

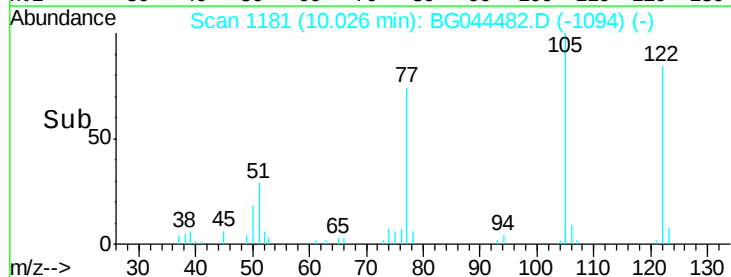
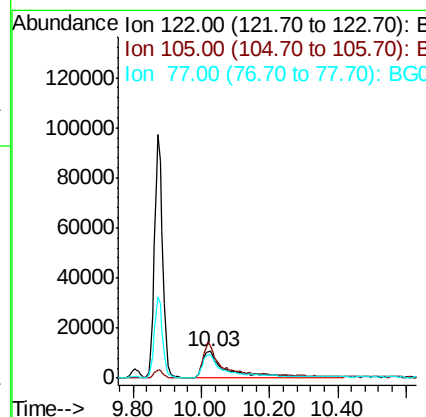
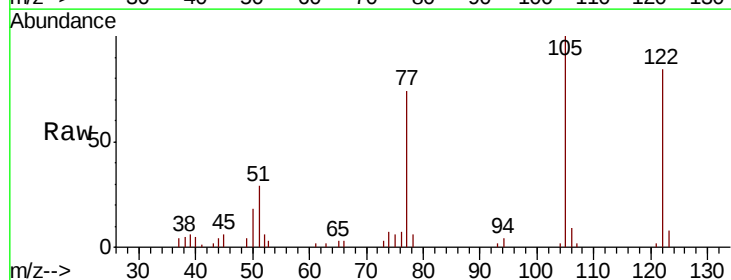
RT: 10.03 min Scan# 1181

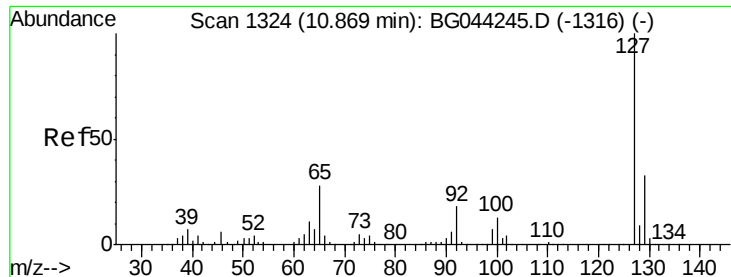
Delta R.T. -0.02 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	93.5	133.5
77	87.3	61.0	101.0





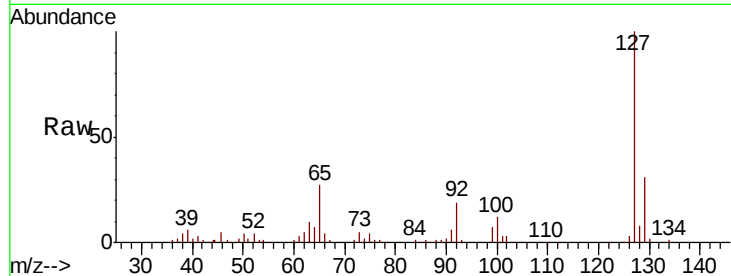
#33
4-Chloroaniline
Concen: 19.440 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

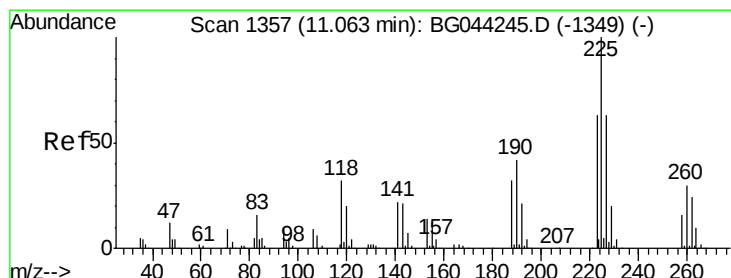
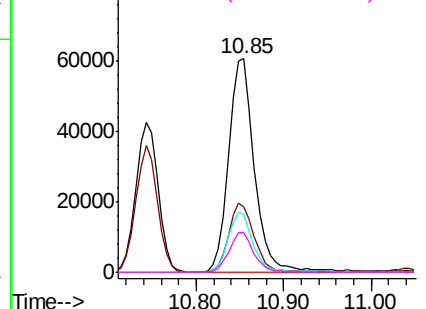
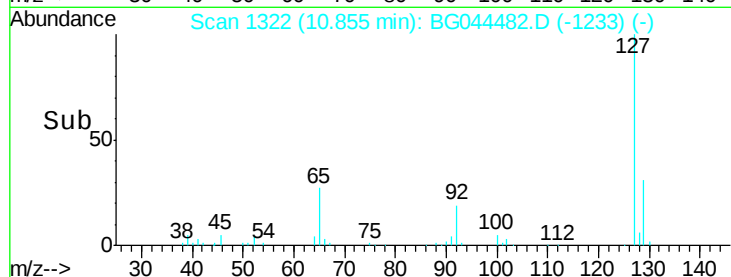
Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.7	26.6	40.0
65	26.9	22.5	33.7
92	18.6	14.1	21.1

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

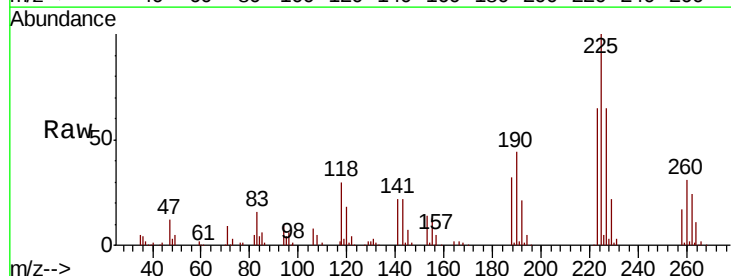


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

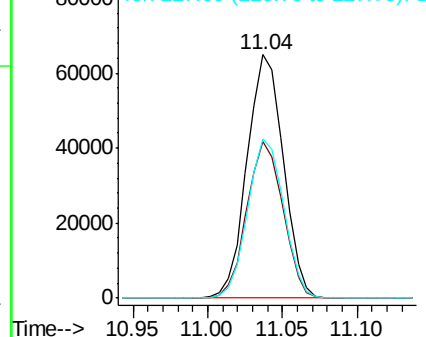
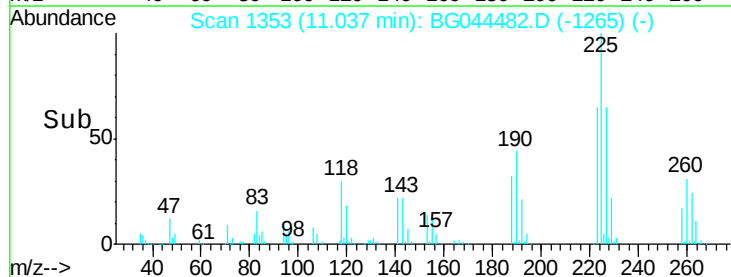


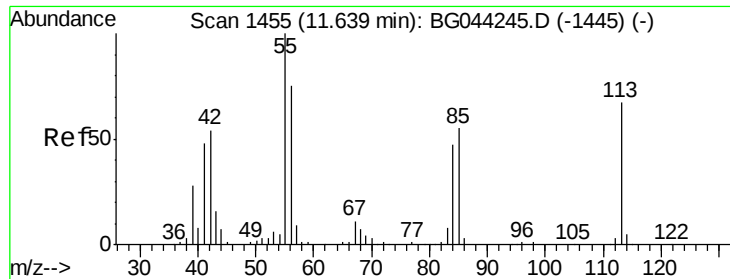
#34
Hexachlorobutadiene
Concen: 35.108 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.6	50.2	75.4
227	65.1	50.8	76.2



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





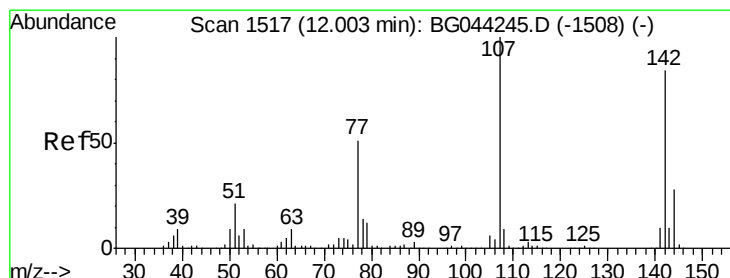
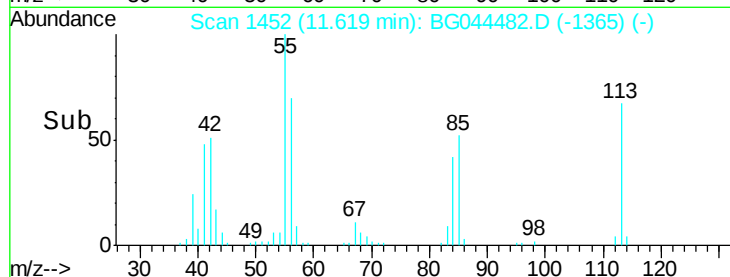
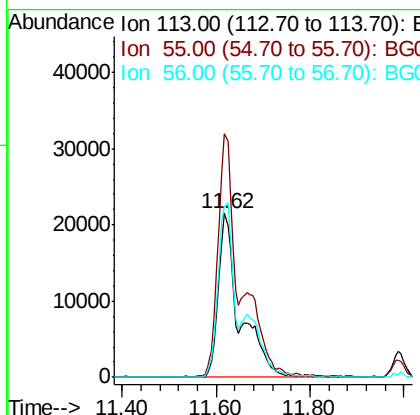
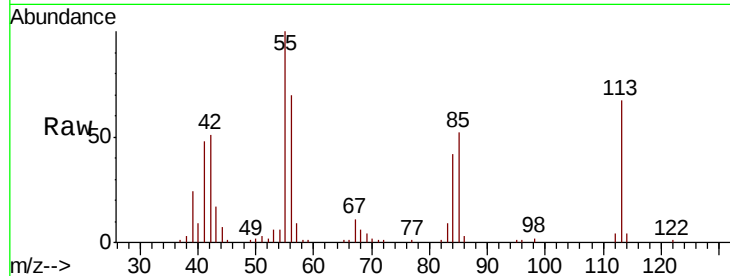
#35
Caprolactam
Concen: 42.299 ng/ml
RT: 11.62 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.7	129.9	169.9
56	103.9	92.5	132.5

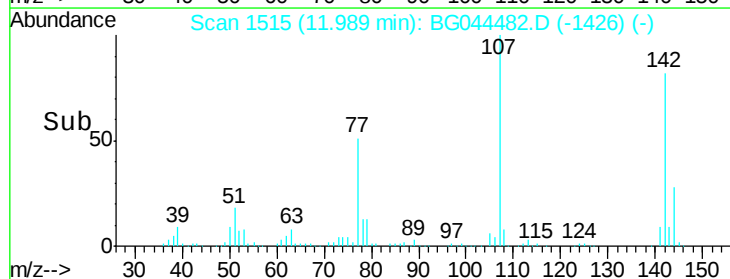
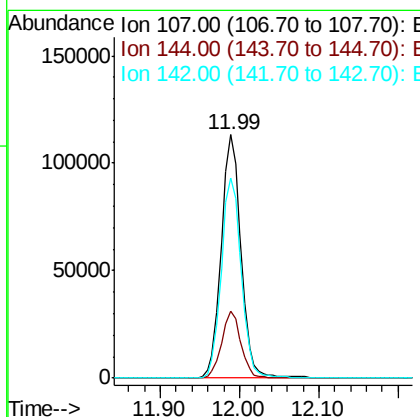
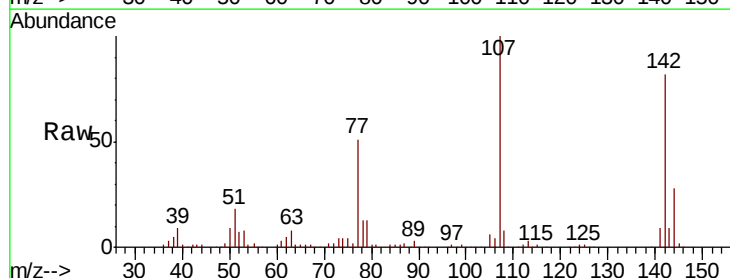
Manual Integrations
APPROVED

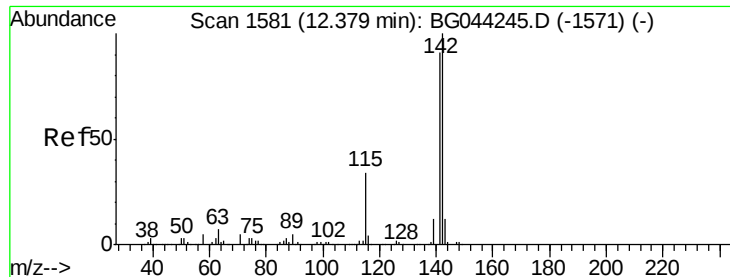
mohammad
2/20/2020 8:57:33 AM



#36
4-Chloro-3-methylphenol
Concen: 42.273 ng/ml
RT: 11.99 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.2	33.4
142	82.1	67.4	101.0





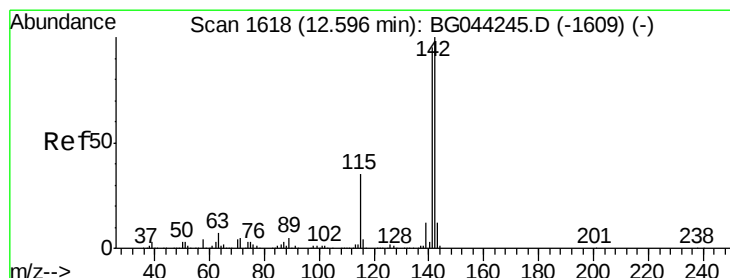
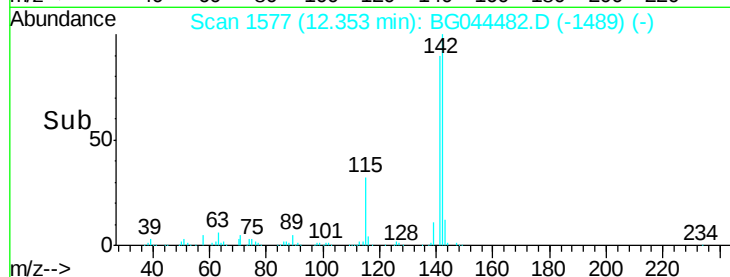
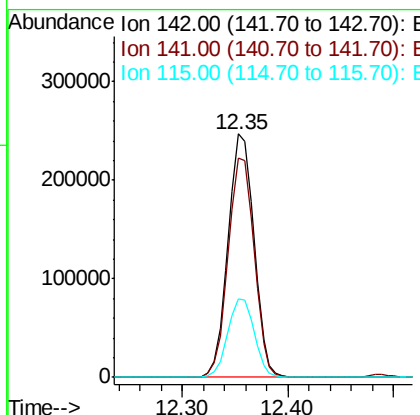
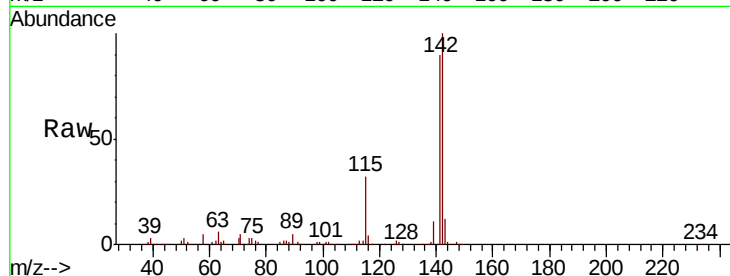
#37
2-Methylnaphthalene
Concen: 40.434 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.2	109.8
115	32.2	27.1	40.7

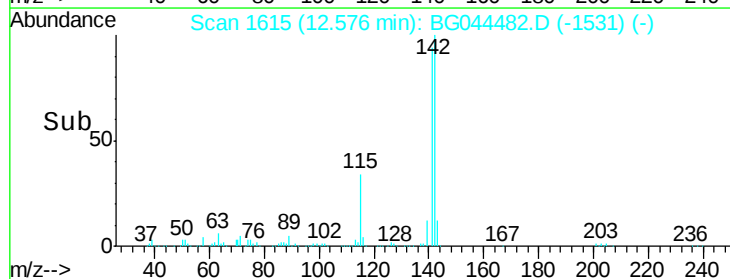
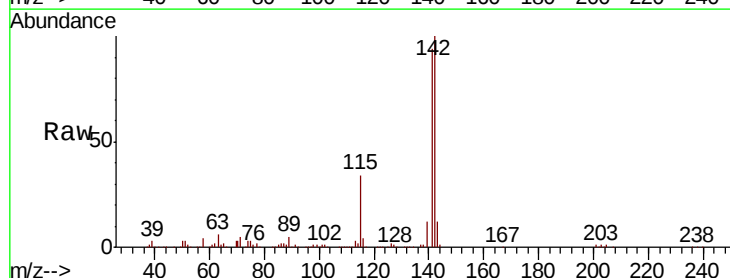
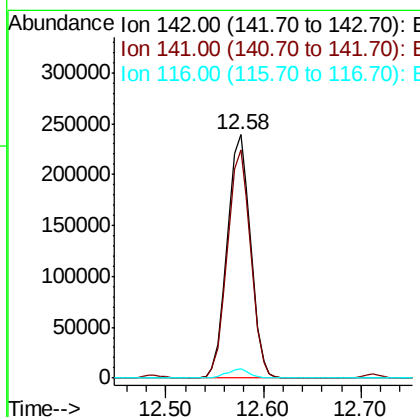
Manual Integrations
APPROVED

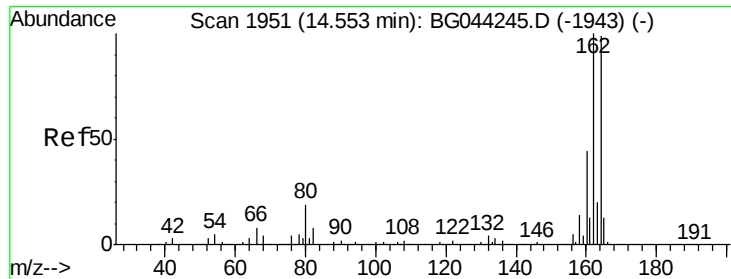
mohammad
2/20/2020 8:57:33 AM



#38
1-Methylnaphthalene
Concen: 40.706 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.9	3.1	4.7





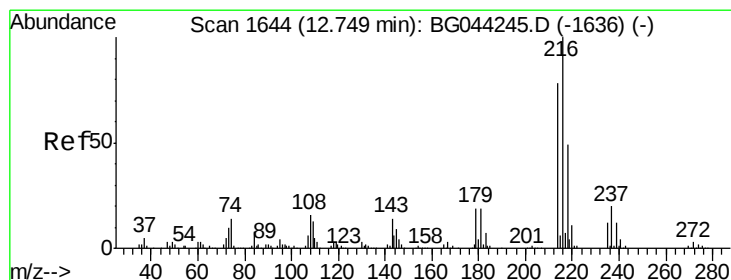
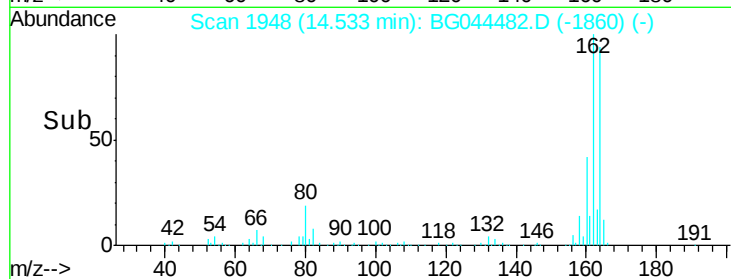
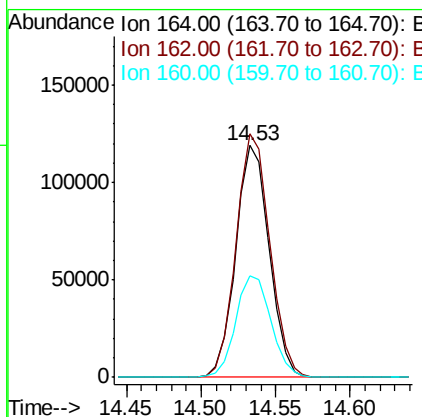
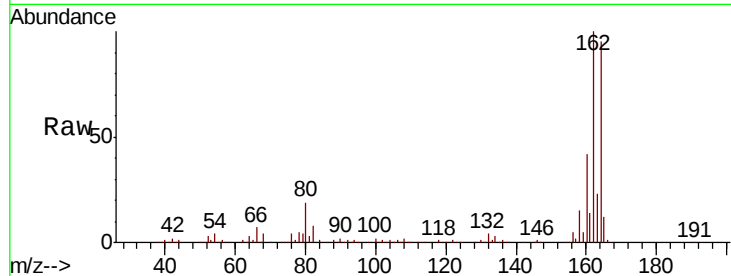
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	80.7	121.1	
160	43.9	35.3	52.9	

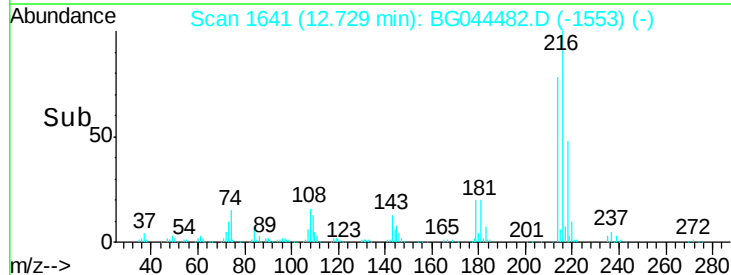
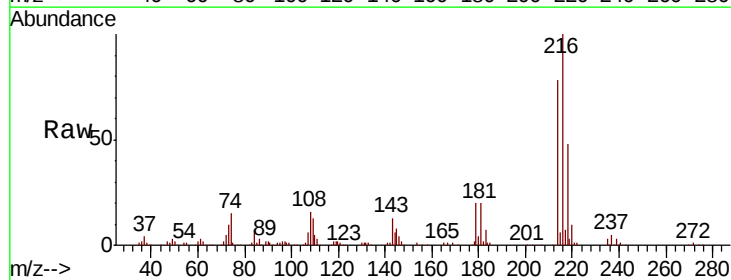
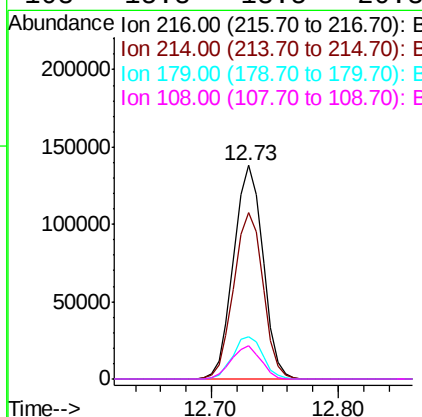
Manual Integrations
APPROVED

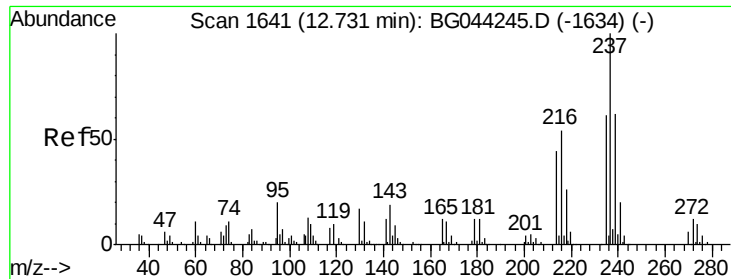
mohammad
2/20/2020 8:57:33 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.054 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	63.0	94.6	
179	20.3	16.2	24.4	
108	15.8	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 16.575 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

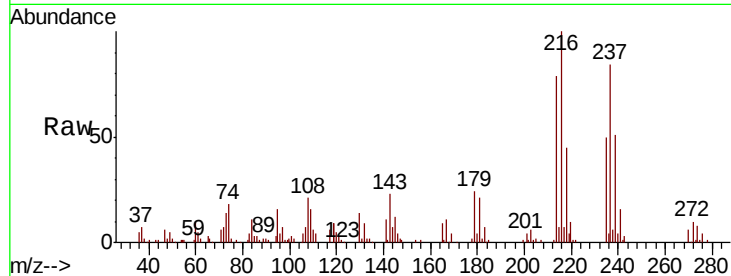
ClientSampleId :

PB126892BS

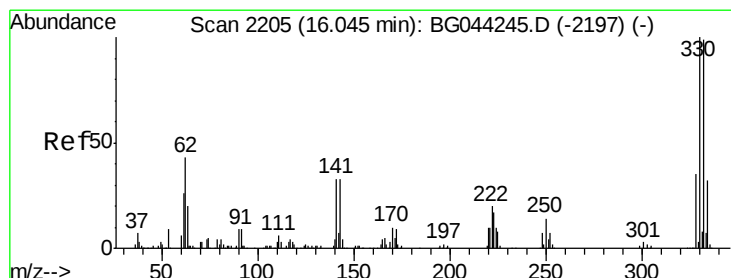
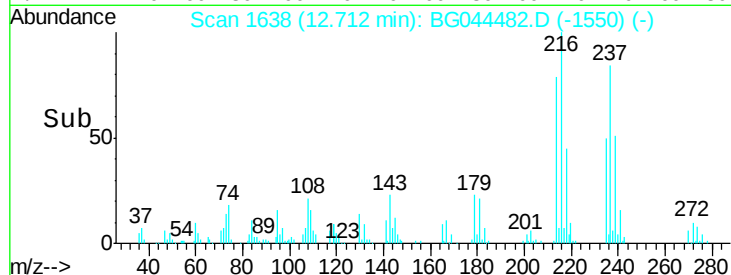
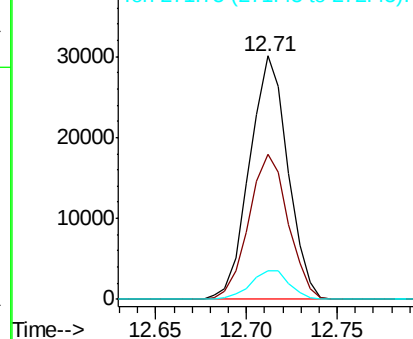
Tot Ion:	237	Resp:	43994
Ion Ratio	Lower	Upper	
237	100		
235	59.7	41.2	81.2
272	11.7	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 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: 129.240 ng

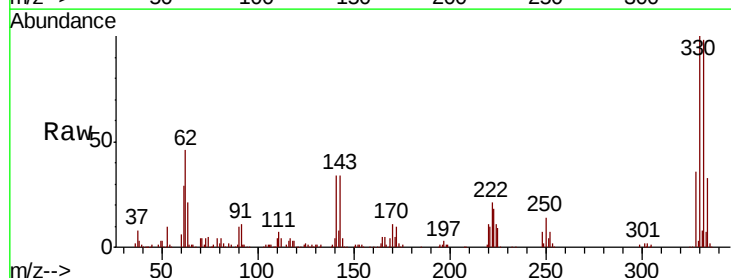
RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

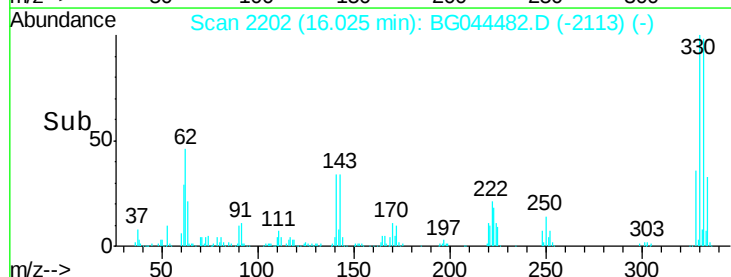
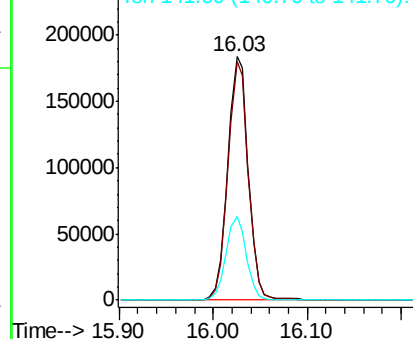
Lab File: BG044482.D

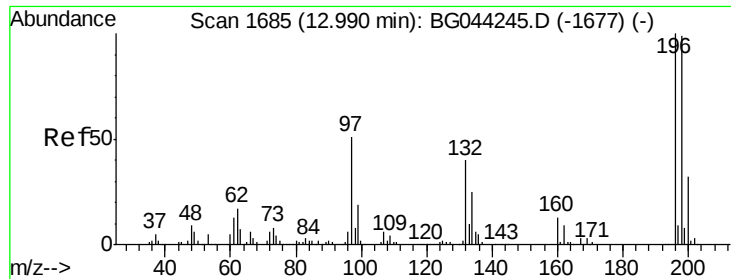
Acq: 18 Feb 2020 21:17

Tgt Ion:	330	Resp:	280568
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.2	115.8
141	34.0	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





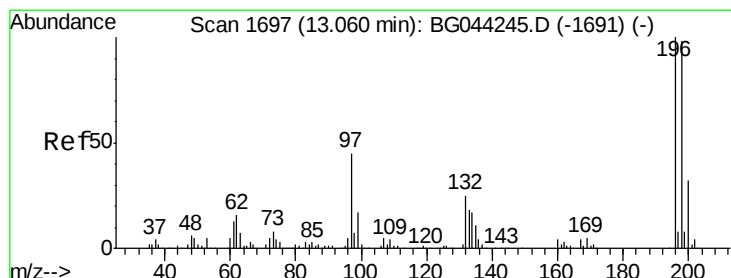
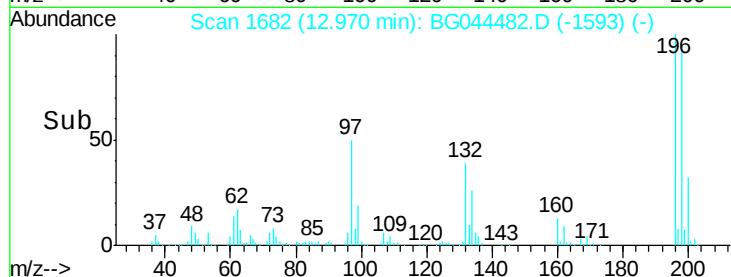
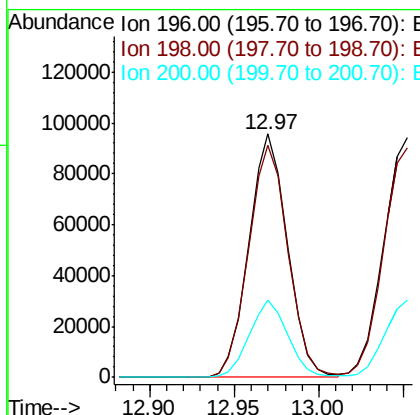
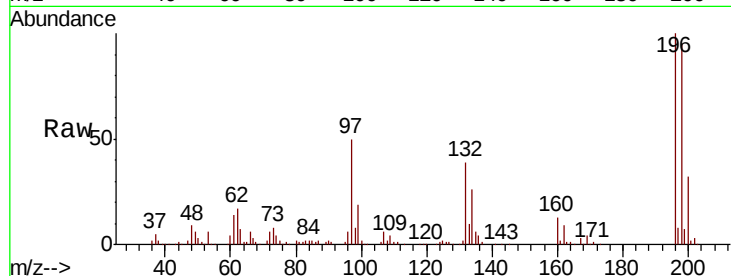
#43
 2,4,6-Trichlorophenol
 Concen: 42.487 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151916		
198	95.3	79.3	118.9	
200	31.6	25.7	38.5	

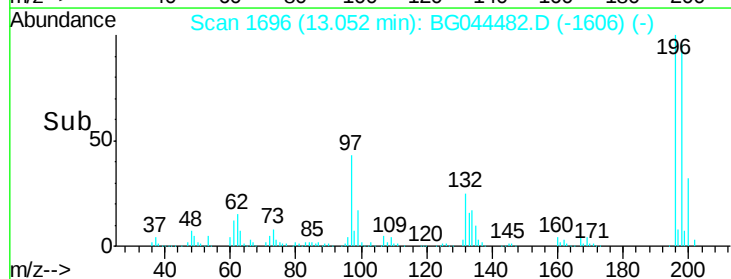
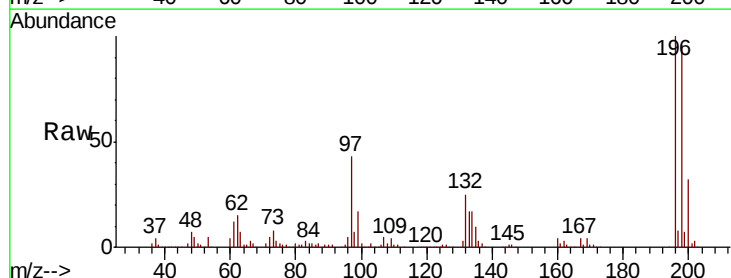
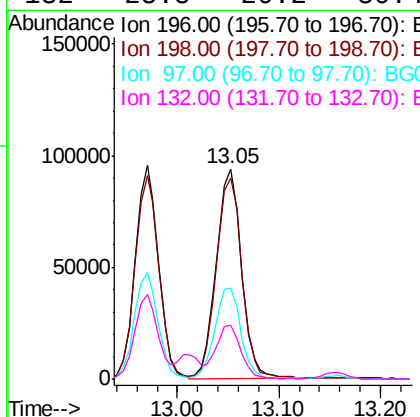
Manual Integrations
 APPROVED

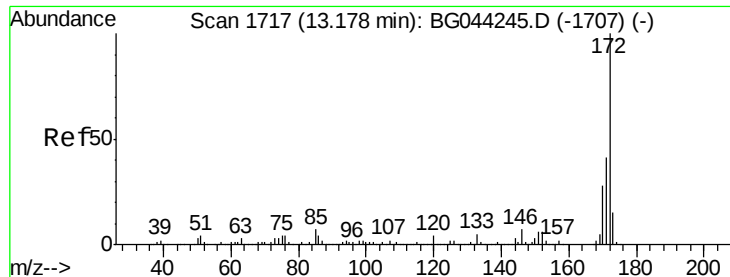
mohammad
 2/20/2020 8:57:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.474 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162421		
198	95.6	78.2	117.2	
97	43.3	36.2	54.4	
132	25.5	20.2	30.4	





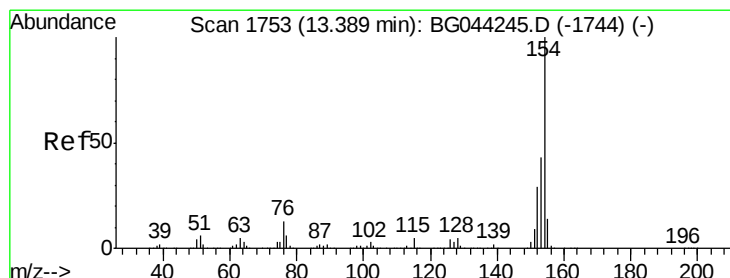
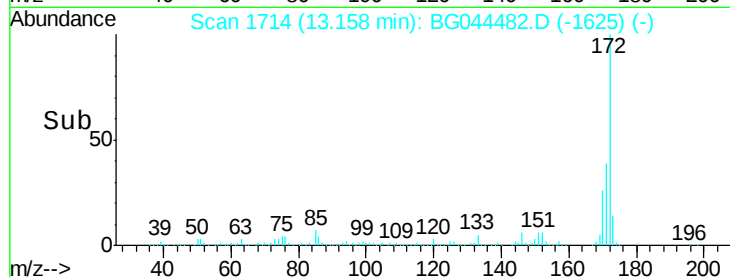
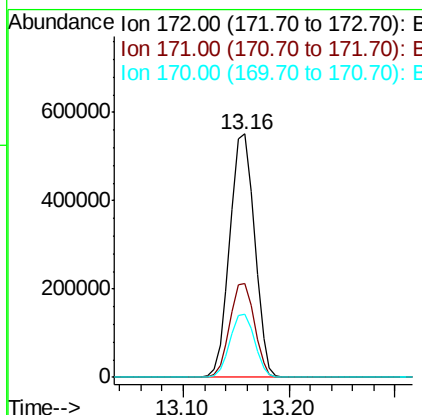
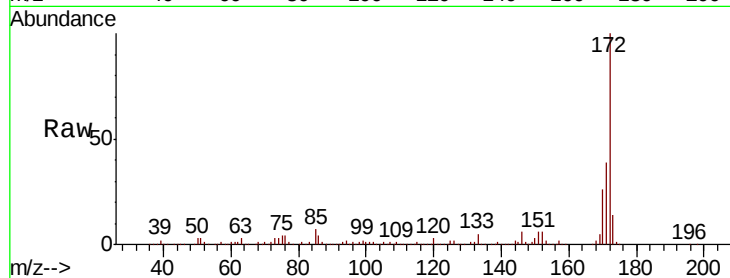
#45
 2-Fluorobiphenyl
 Concen: 81.020 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	894728		
171	38.7		32.9	49.3
170	26.2		22.0	33.0

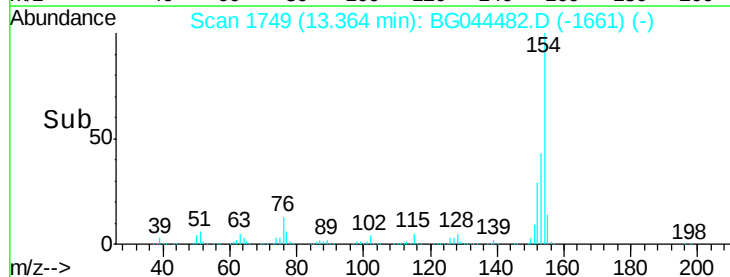
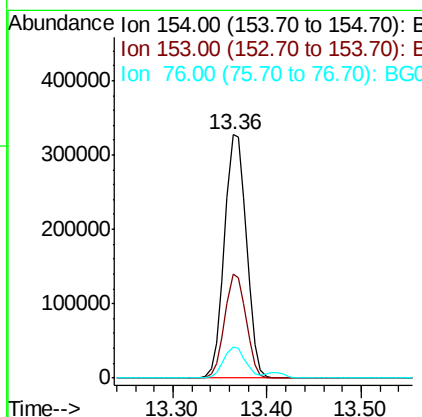
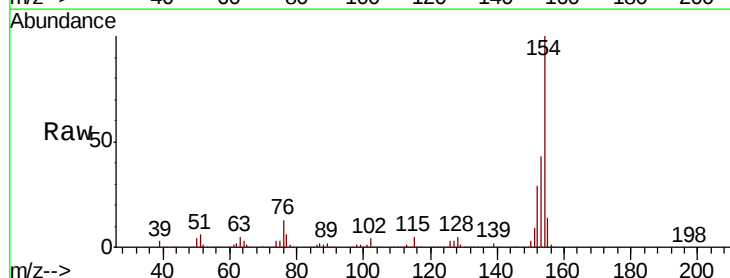
Manual Integrations
 APPROVED

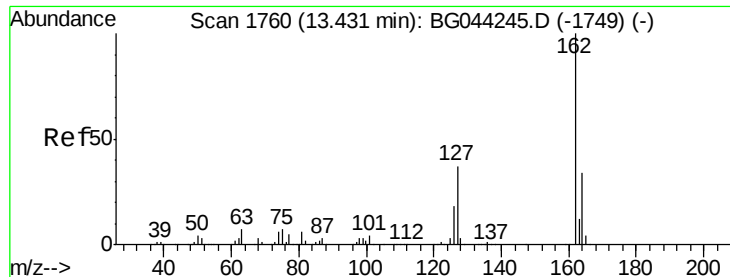
mohammad
 2/20/2020 8:57:33 AM



#46
 1,1'-Biphenyl
 Concen: 40.012 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	533712		
153	42.8		22.7	62.7
76	12.8		0.0	32.9





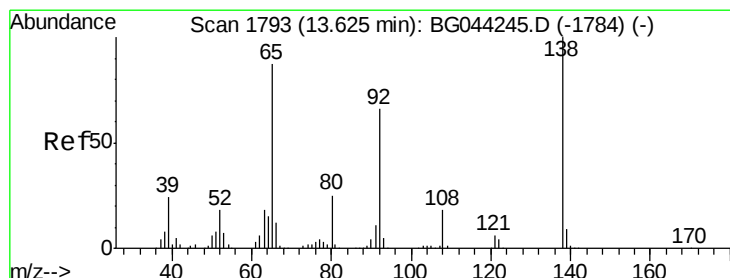
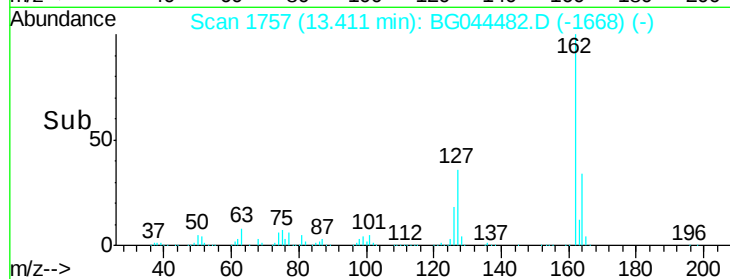
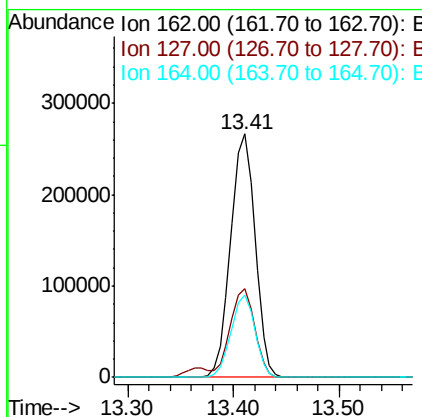
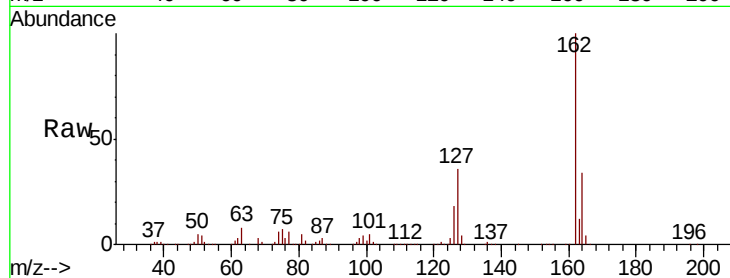
#47
 2-Chloronaphthalene
 Concen: 40.165 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.0	45.0
164	33.9	27.2	40.8

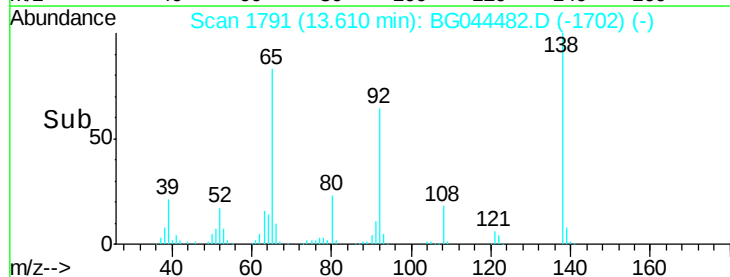
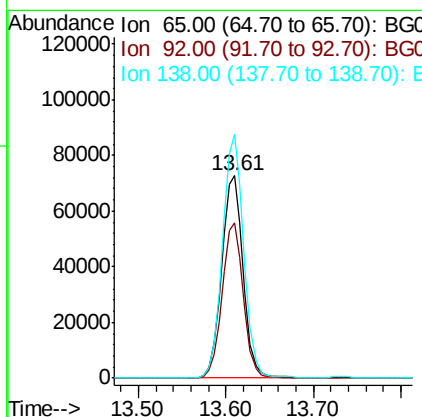
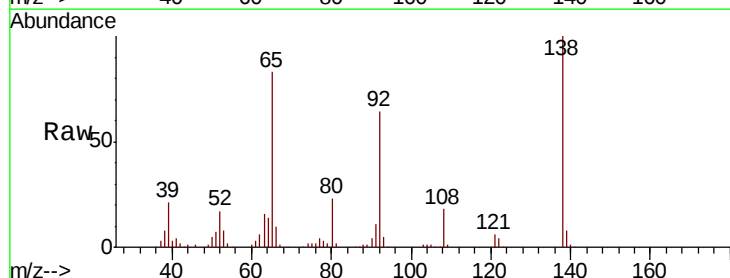
Manual Integrations
 APPROVED

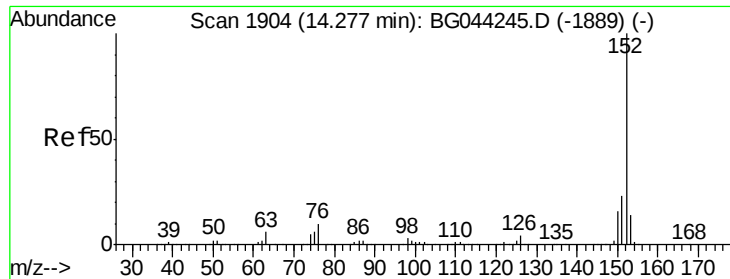
mohammad
 2/20/2020 8:57:33 AM



#48
 2-Nitroaniline
 Concen: 39.389 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.8	60.3	90.5
138	120.2	91.9	137.9





#49

Acenaphthylene

Concen: 42.593 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

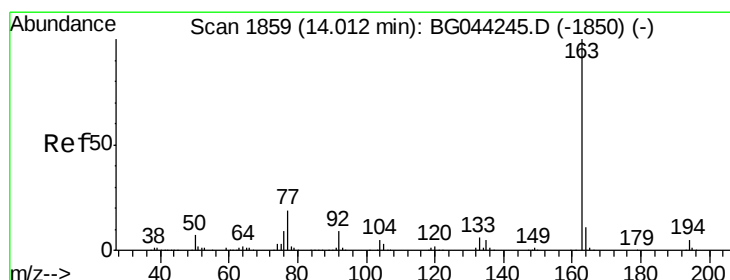
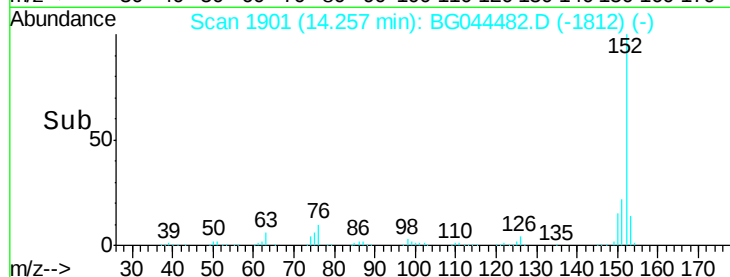
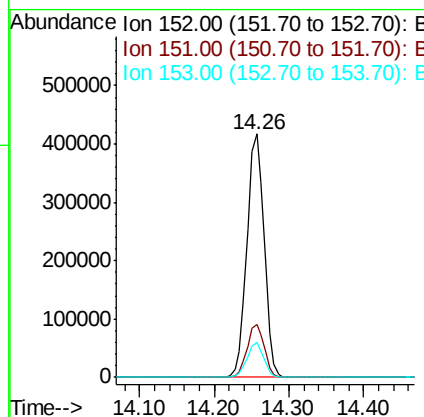
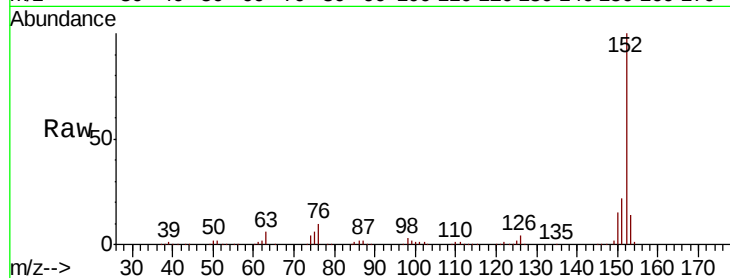
ClientSampleId :

PB126892BS

Tot Ion:	152	Resp:	663103
Ion Ratio	Lower	Upper	
152	100		
151	21.9	18.1	27.1
153	14.5	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#50

Dimethylphthalate

Concen: 38.345 ng

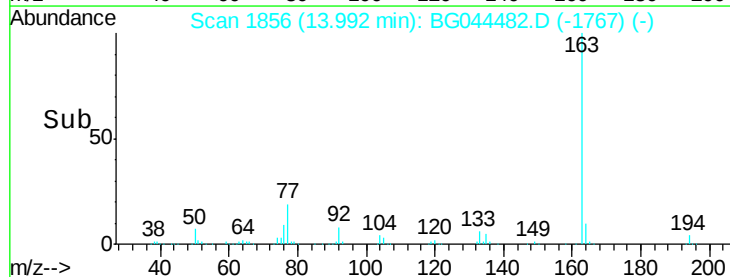
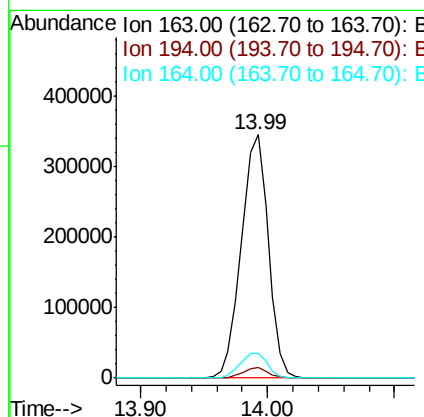
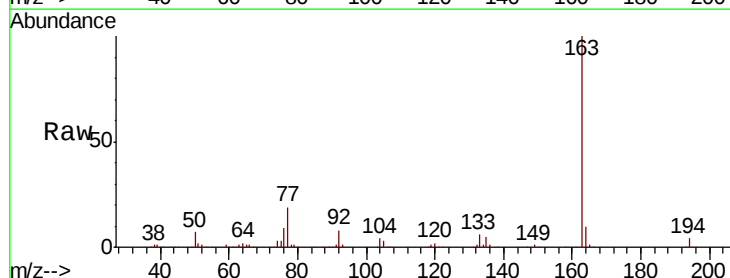
RT: 13.99 min Scan# 1856

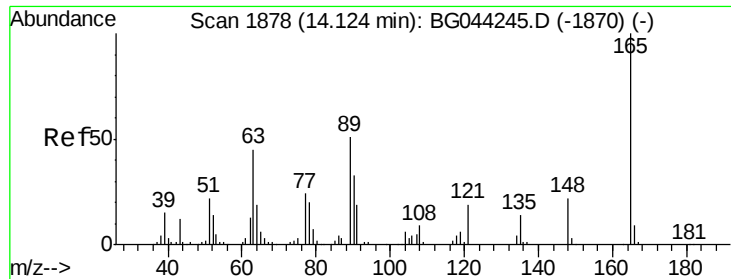
Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion:	163	Resp:	509720
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.3	8.7	13.1





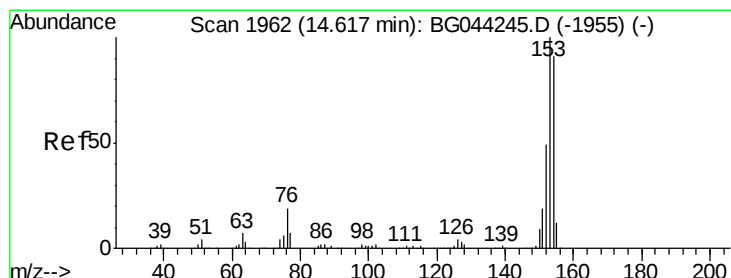
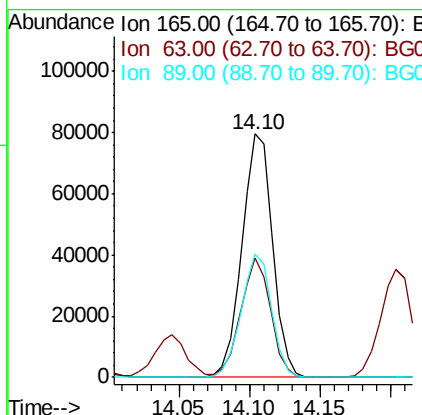
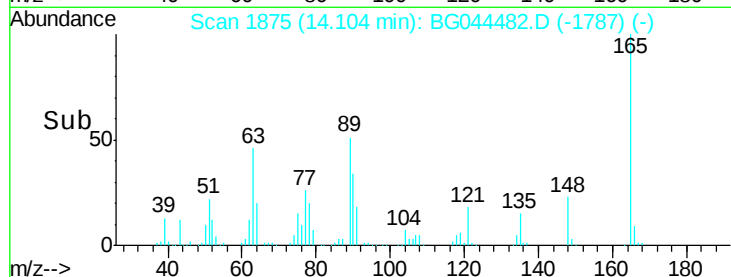
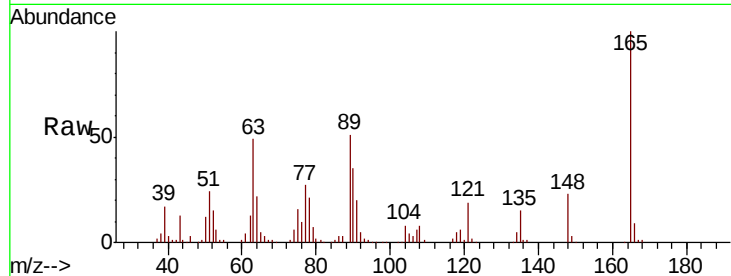
#51
2,6-Dinitrotoluene
Concen: 40.701 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampled :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120633		
63	48.9		38.7	58.1
89	50.6		40.4	60.6

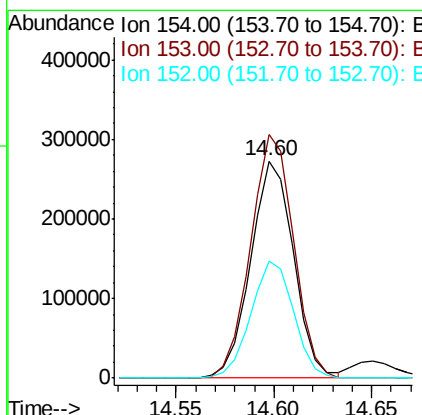
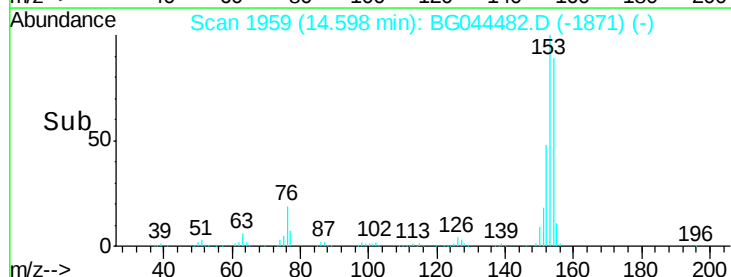
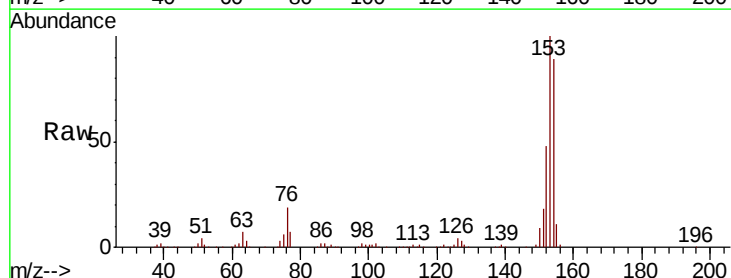
Manual Integrations
APPROVED

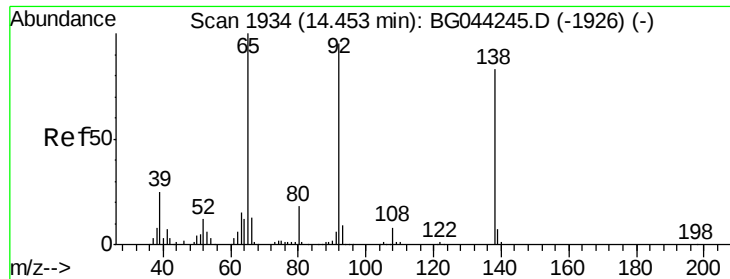
mohammad
2/20/2020 8:57:33 AM



#52
Acenaphthene
Concen: 41.138 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	415128		
153	112.3		87.9	131.9
152	53.8		43.1	64.7





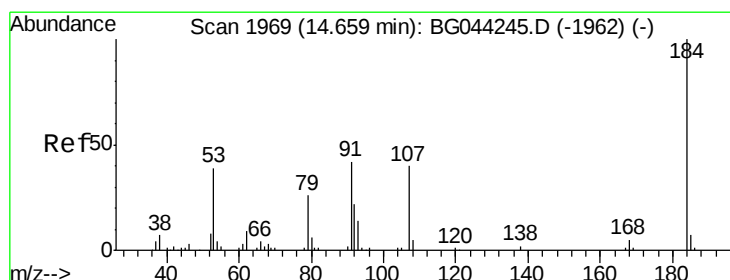
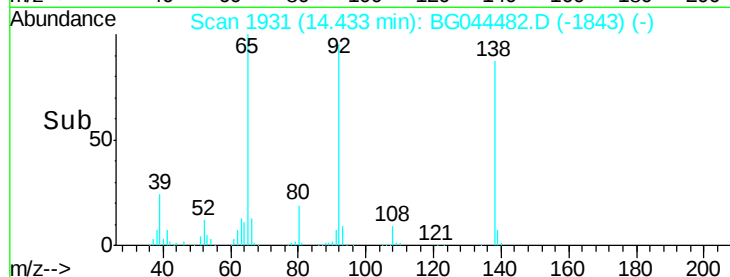
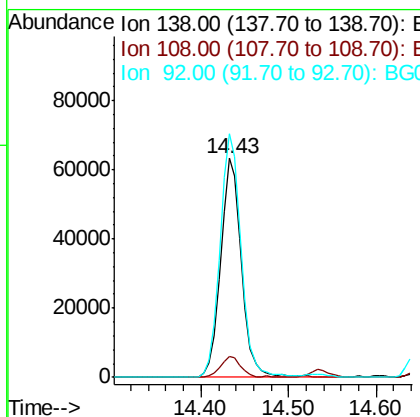
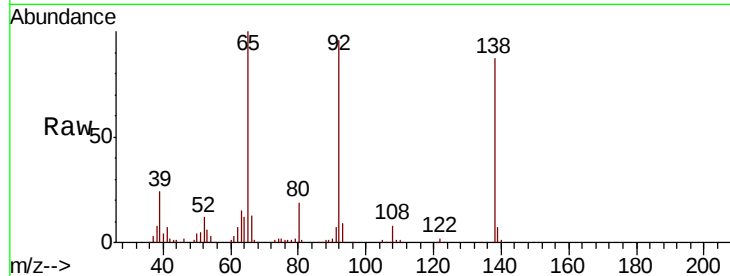
#53
 3-Nitroaniline
 Concen: 31.887 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	111.3	91.0	136.4

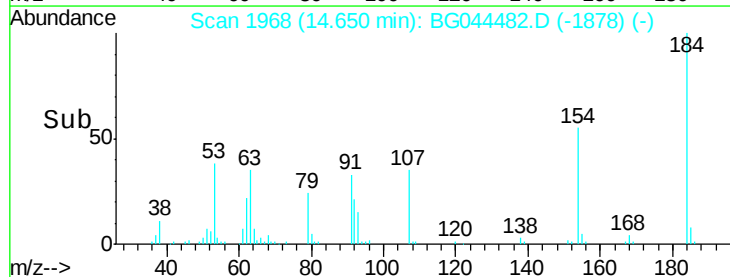
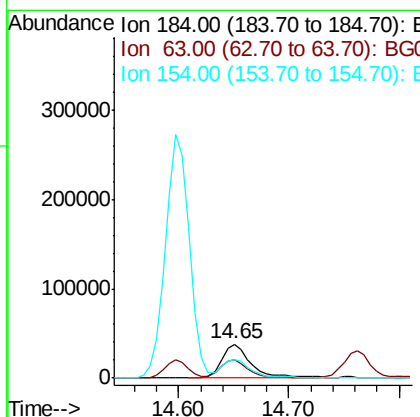
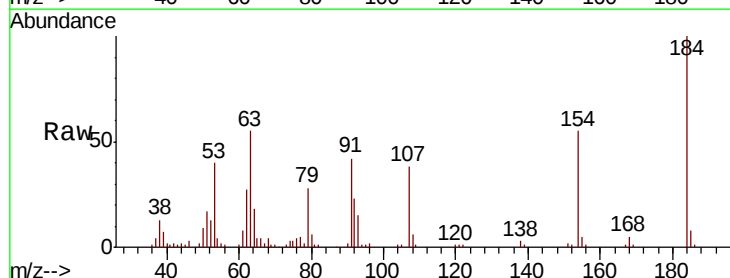
Manual Integrations
 APPROVED

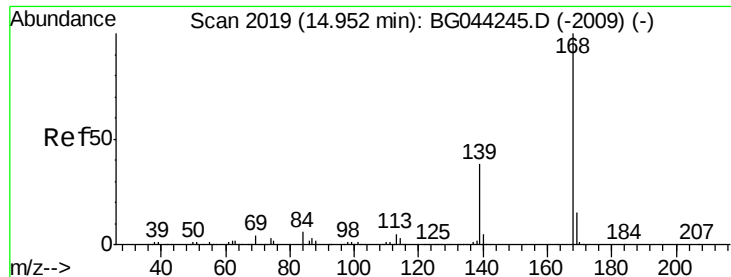
mohammad
 2/20/2020 8:57:33 AM



#54
 2,4-Dinitrophenol
 Concen: 43.941 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	44.1	66.1
154	55.4	45.4	68.0





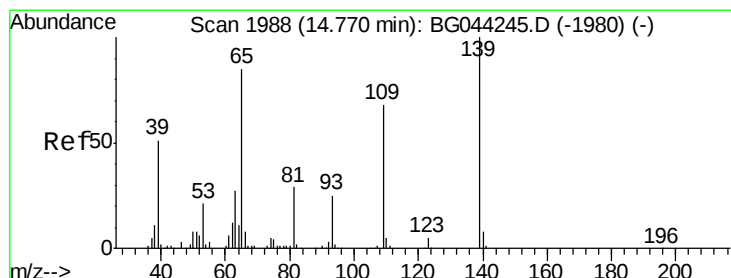
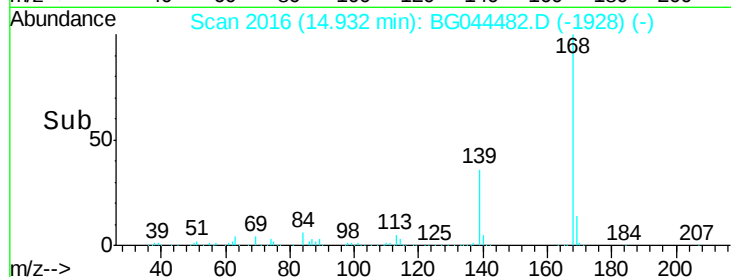
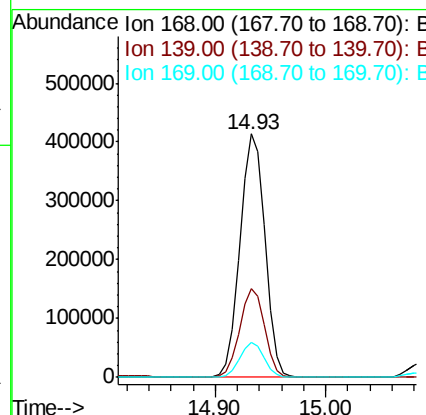
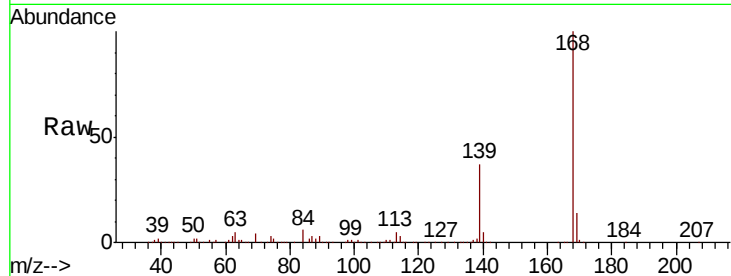
#55
Dibenzofuran
Concen: 43.079 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.5	45.7
169	14.3	11.7	17.5

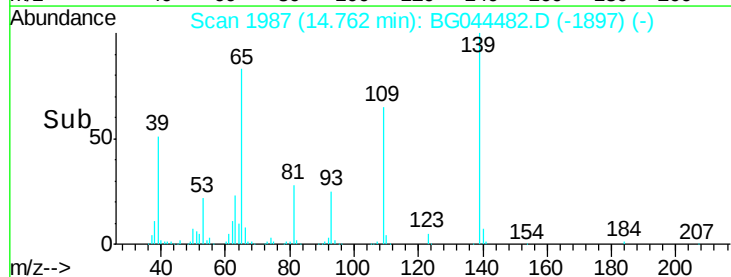
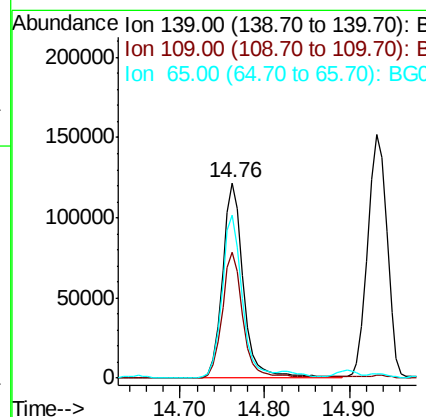
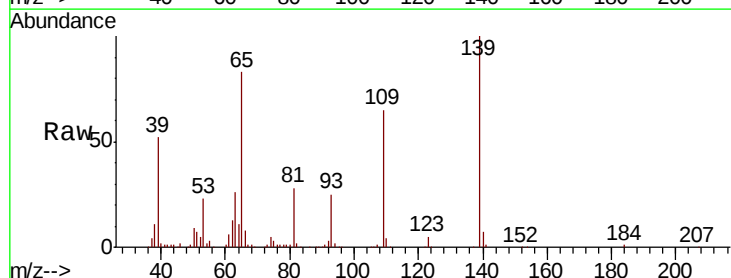
Manual Integrations
APPROVED

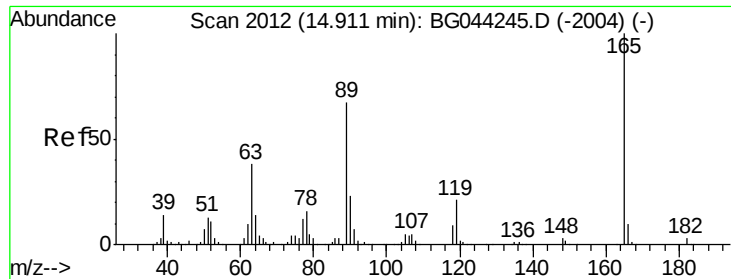
mohammad
2/20/2020 8:57:33 AM



#56
4-Nitrophenol
Concen: 87.986 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	47.5	87.5
65	83.2	64.9	104.9





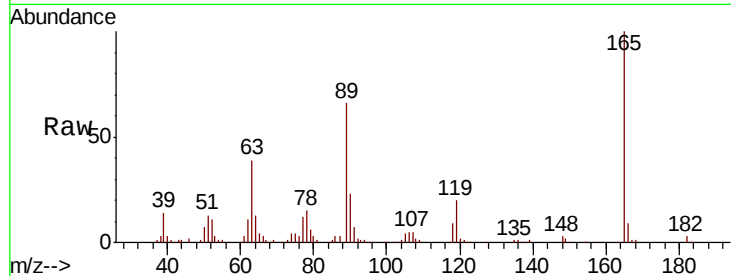
#57
2,4-Dinitrotoluene
Concen: 42.546 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	176741		
63	39.4	30.3	45.5	
89	66.1	53.4	80.2	
182	2.6	2.1	3.1	

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

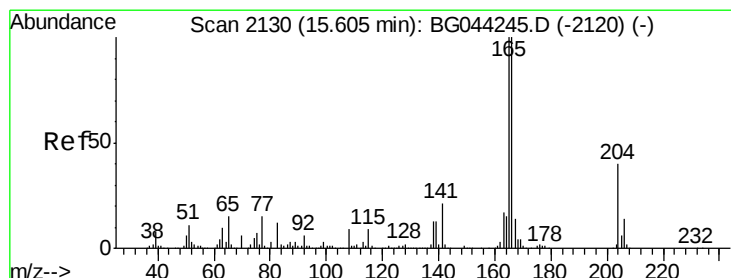
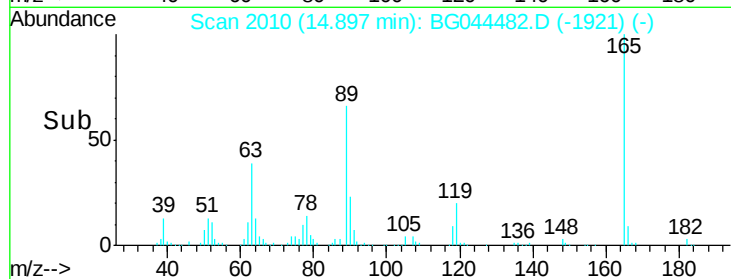
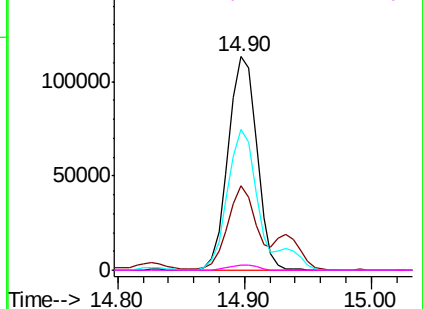


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

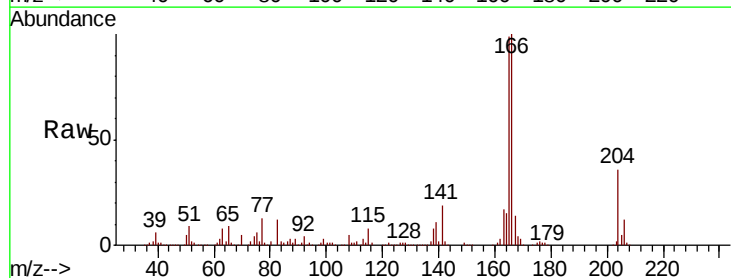
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.637 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

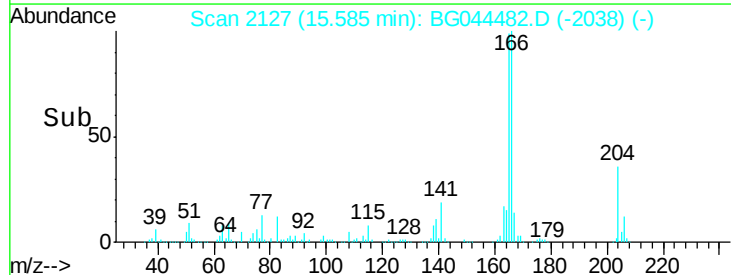
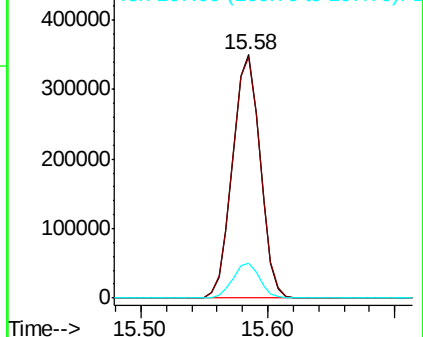
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	525111		
165	99.1	79.9	119.9	
167	14.3	11.4	17.0	

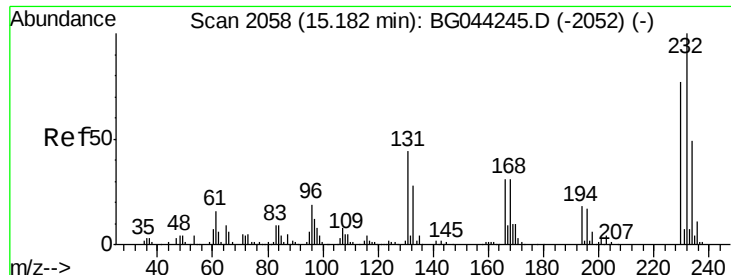


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





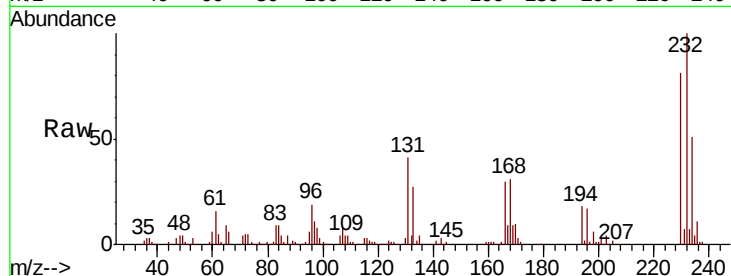
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.573 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampled :
PB126892BS

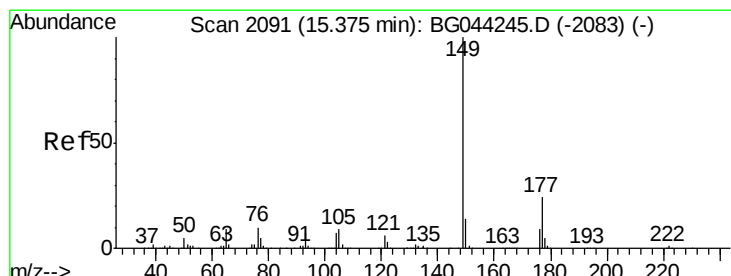
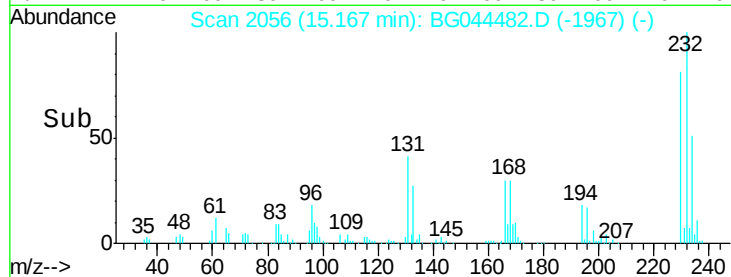
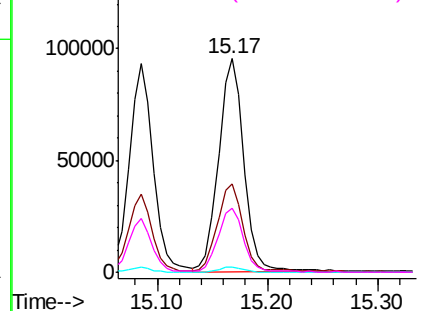
Tot Ion	Ratio	Resp	Lower	Upper
232	100	150335		
131	40.1		34.2	51.4
130	2.3		1.8	2.8
166	31.0		23.8	35.8

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM

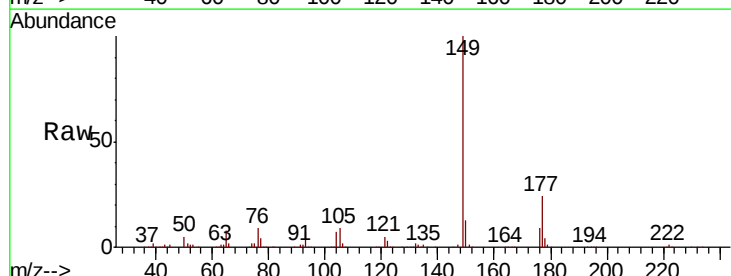


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

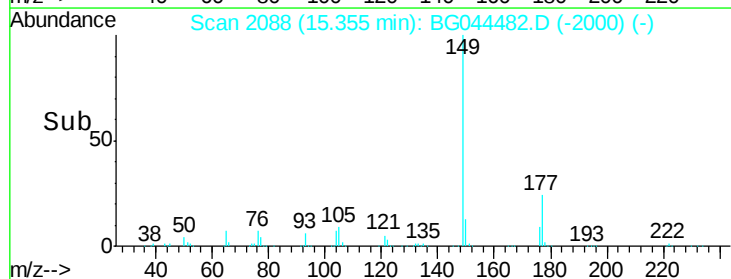
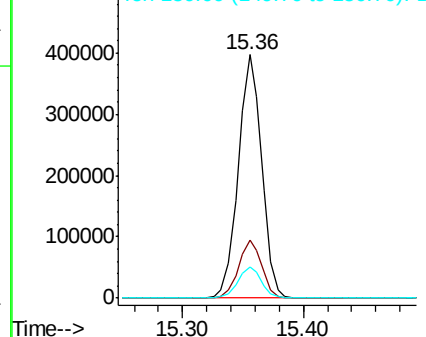


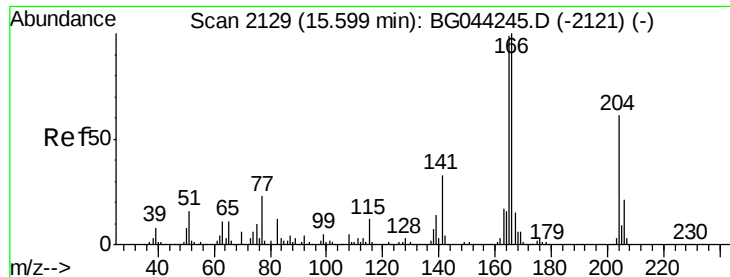
#60
Diethylphthalate
Concen: 40.451 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	535788		
177	23.7		19.4	29.0
150	12.9		10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





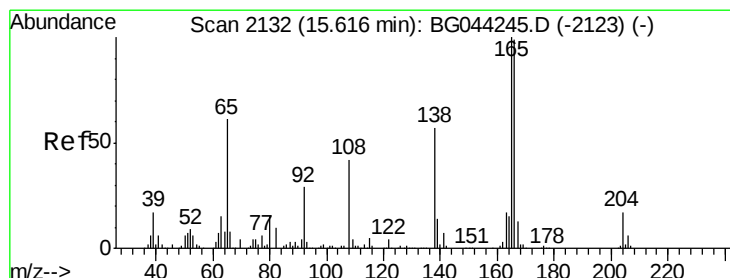
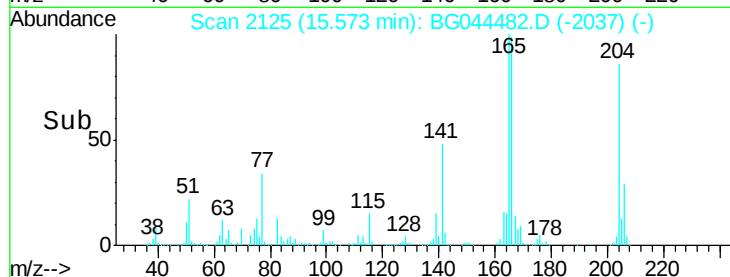
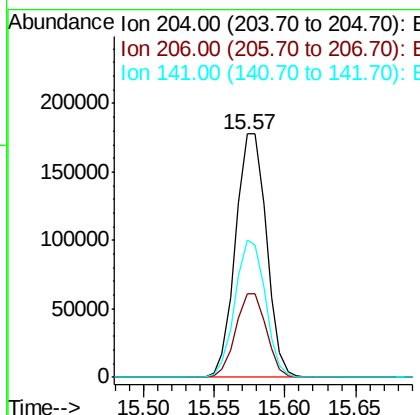
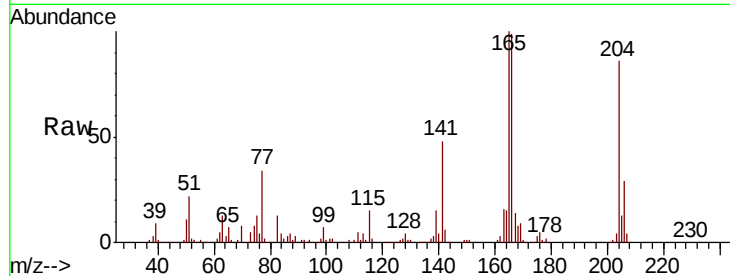
#61
4-Chlorophenyl-phenylether
Concen: 41.590 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	271362		
206	34.5	27.6	41.4	
141	56.2	43.4	65.0	

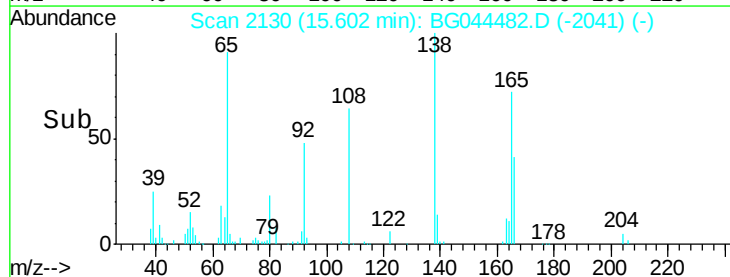
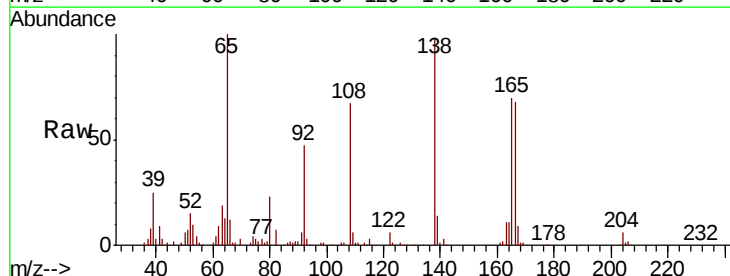
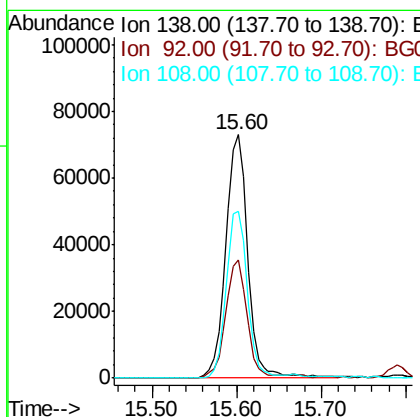
Manual Integrations
APPROVED

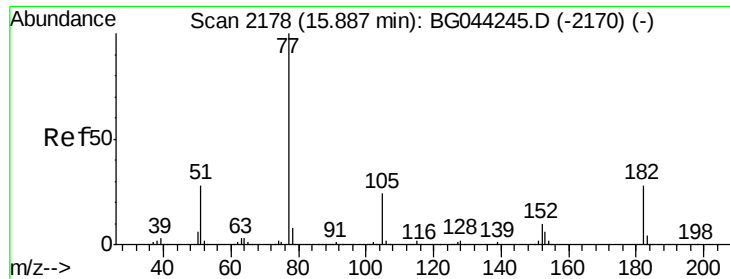
mohammad
2/20/2020 8:57:33 AM



#62
4-Nitroaniline
Concen: 39.896 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	130722		
92	48.4	31.3	71.3	
108	68.7	52.6	92.6	





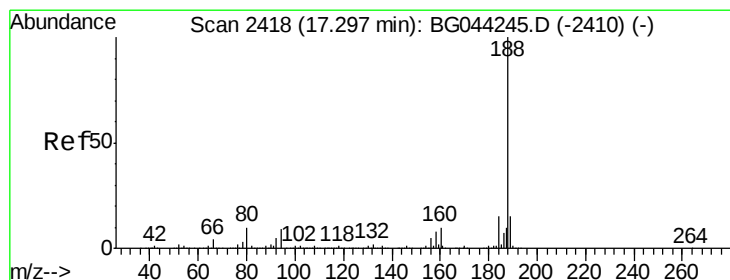
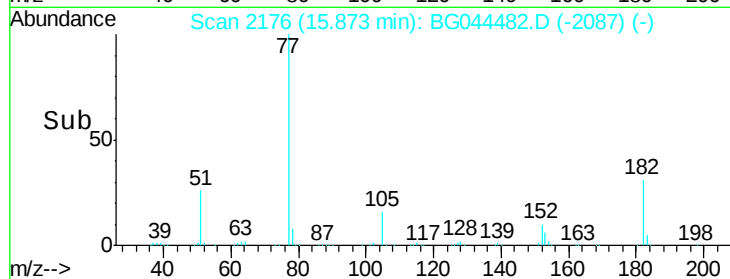
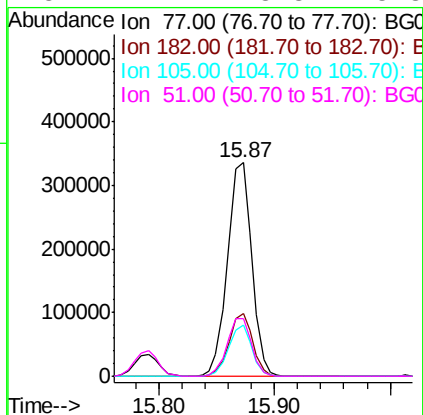
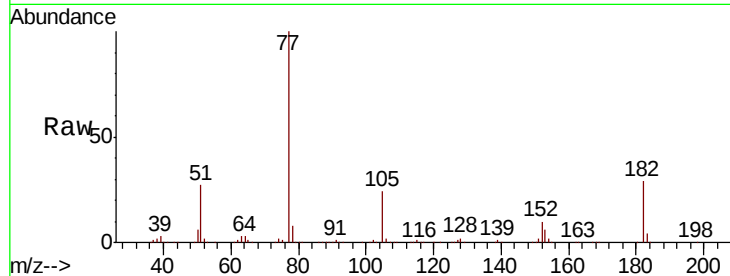
#63
Azobenzene
Concen: 41.996 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		487523		
182	29.3	8.2	48.2		
105	23.7	3.6	43.6		
51	27.1	8.3	48.3		

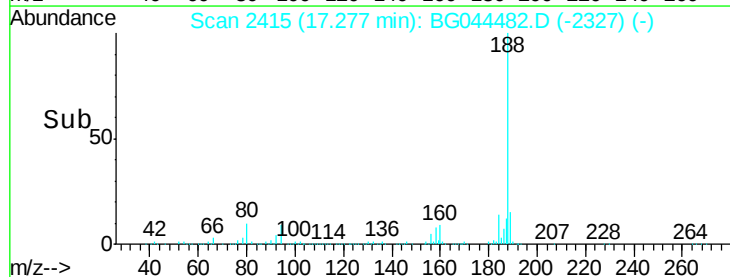
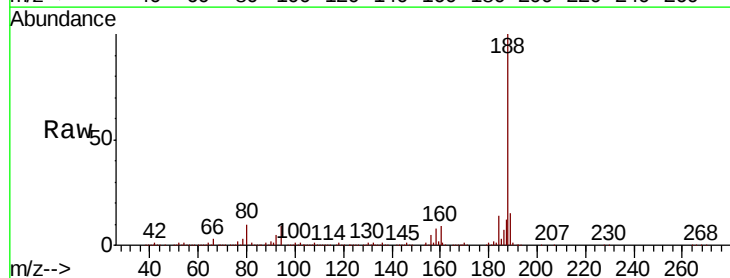
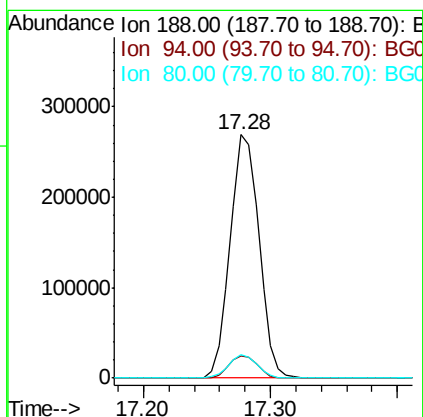
Manual Integrations
APPROVED

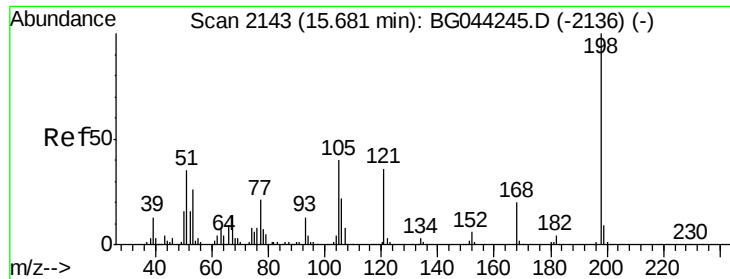
mohammad
2/20/2020 8:57:33 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		424294		
94	9.2	7.4	11.2		
80	9.8	7.7	11.5		





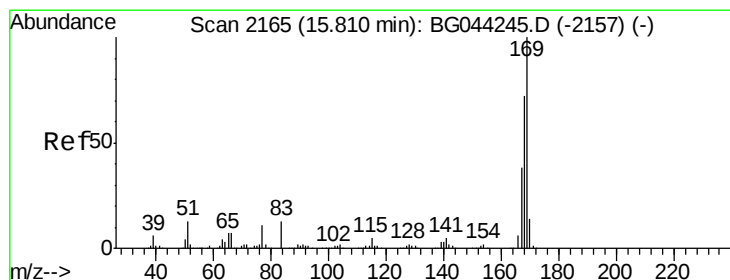
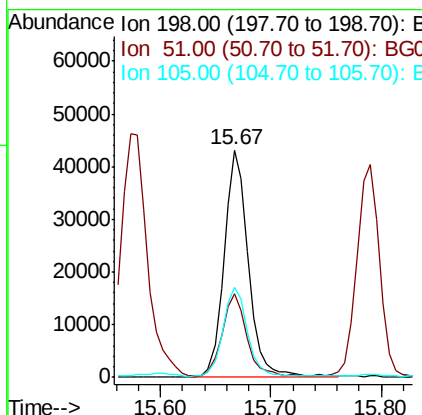
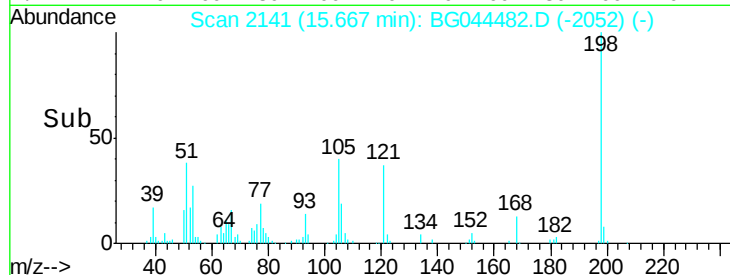
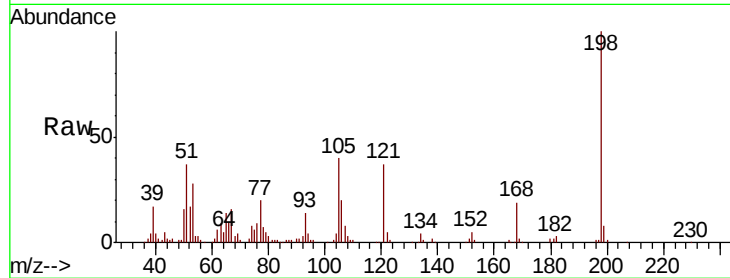
#65
4,6-Dinitro-2-methylphenol
Concen: 28.471 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.1	16.6	56.6
105	39.8	20.6	60.6

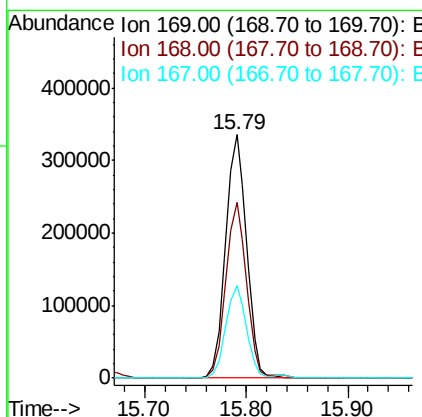
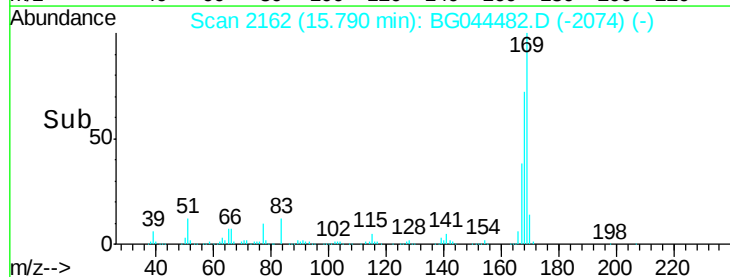
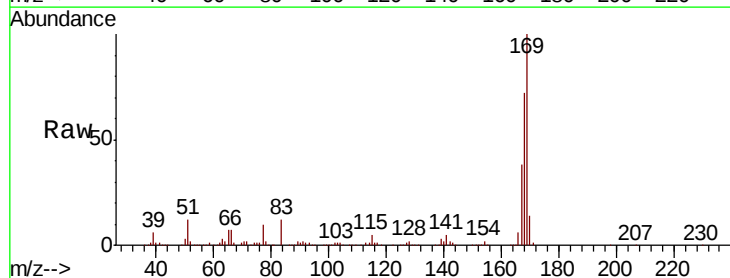
Manual Integrations
APPROVED

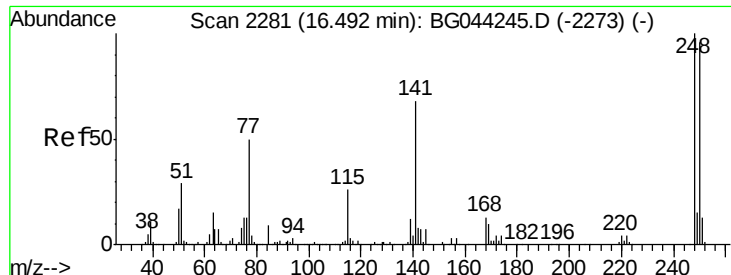
mohammad
2/20/2020 8:57:33 AM



#66
n-Nitrosodiphenylamine
Concen: 40.469 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.0	57.9	86.9
167	38.2	30.7	46.1





#67

4-Bromophenyl-phenylether

Concen: 38.620 ng

RT: 16.47 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

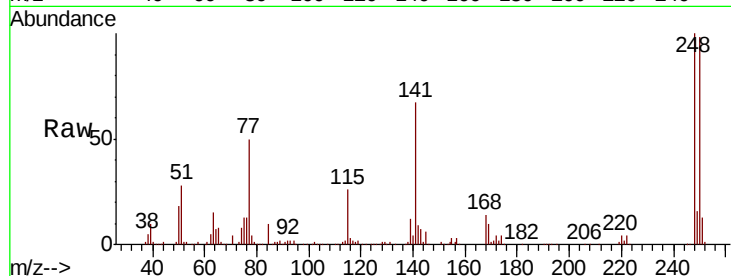
ClientSampleId :

PB126892BS

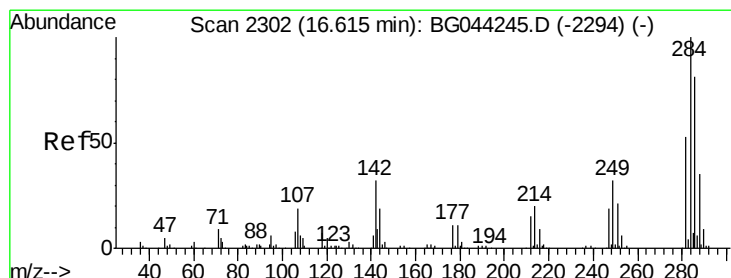
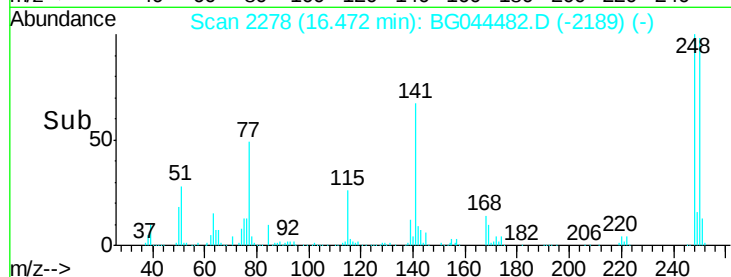
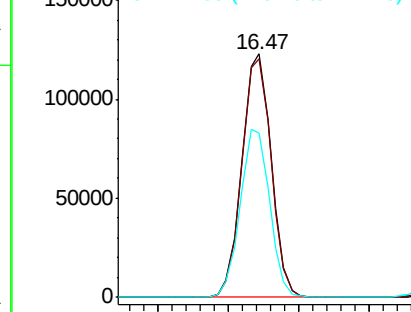
Tot Ion:	248	Resp:	178525
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.6	114.8
141	67.2	54.7	82.1

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.357 ng

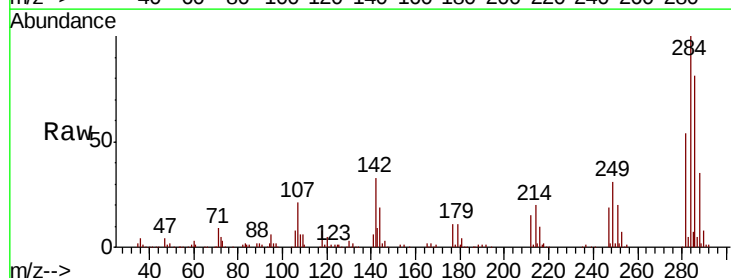
RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

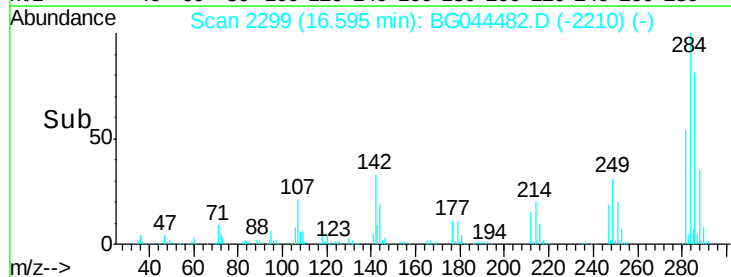
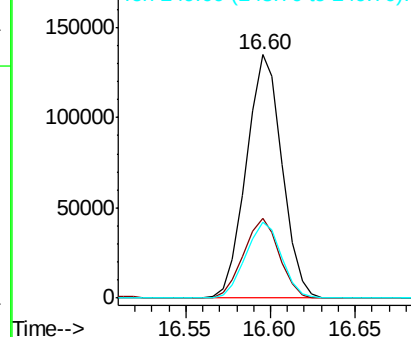
Lab File: BG044482.D

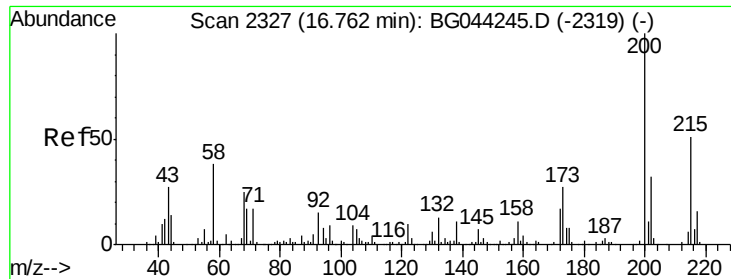
Acq: 18 Feb 2020 21:17

Tgt Ion:	284	Resp:	198647
Ion Ratio	Lower	Upper	
284	100		
142	32.9	25.3	37.9
249	31.0	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





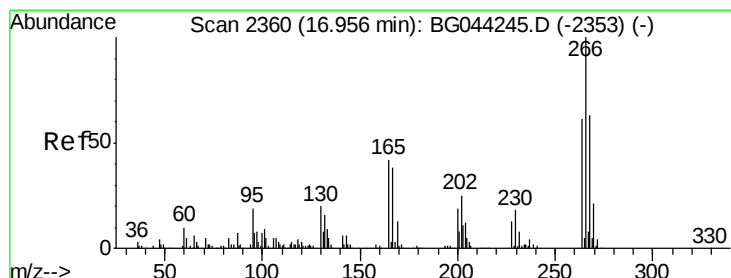
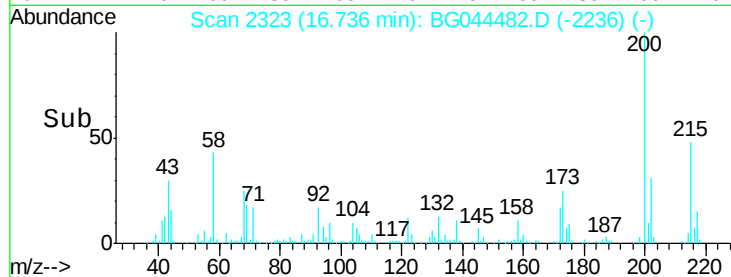
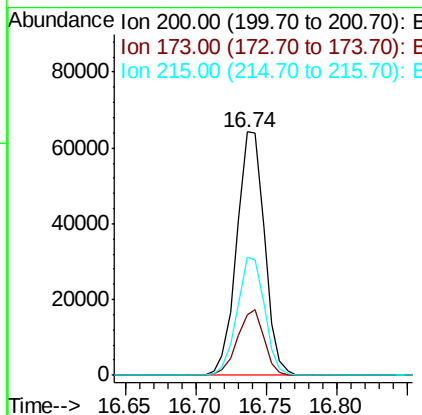
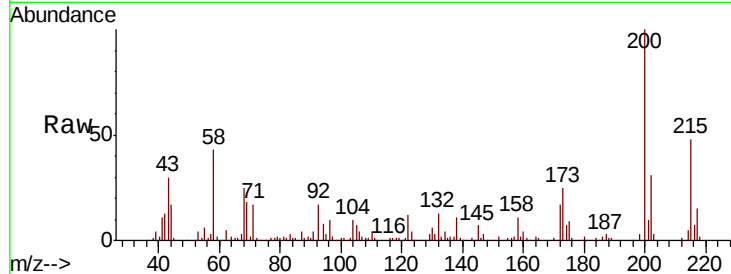
#69
 Atrazine
 Concen: 21.668 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.6	46.6
215	48.5	31.0	71.0

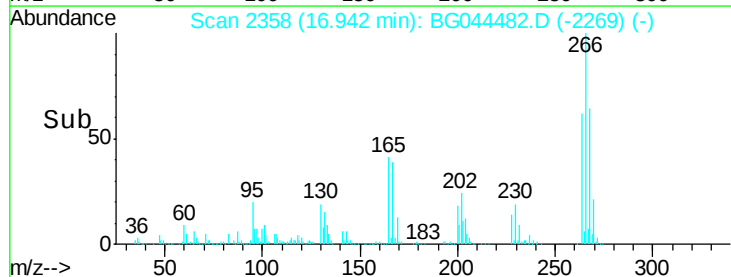
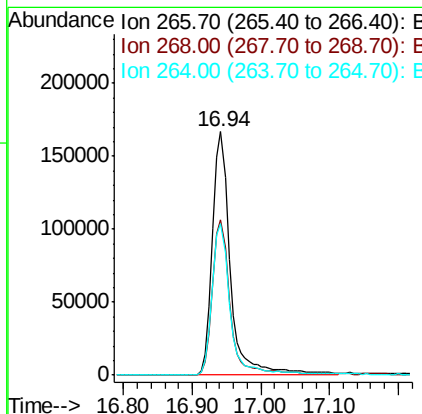
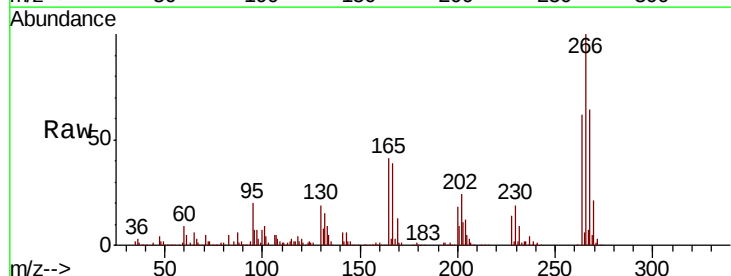
Manual Integrations
 APPROVED

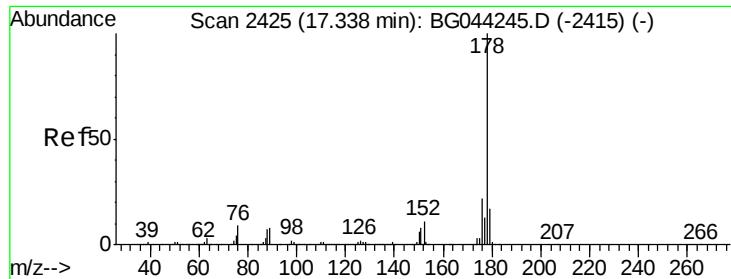
mohammad
 2/20/2020 8:57:33 AM



#70
 Pentachlorophenol
 Concen: 115.136 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.6	75.8
264	62.4	48.7	73.1





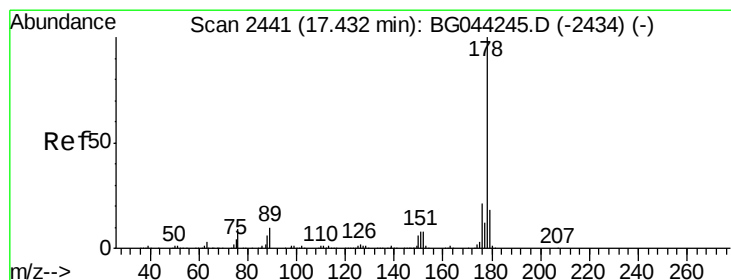
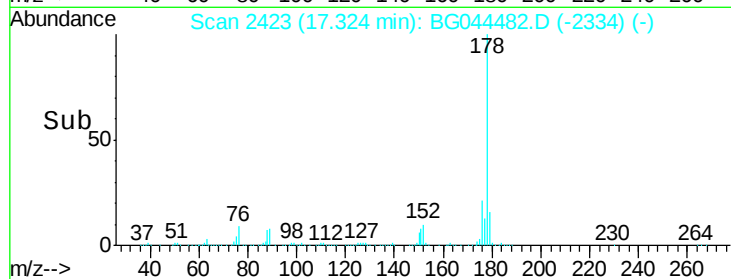
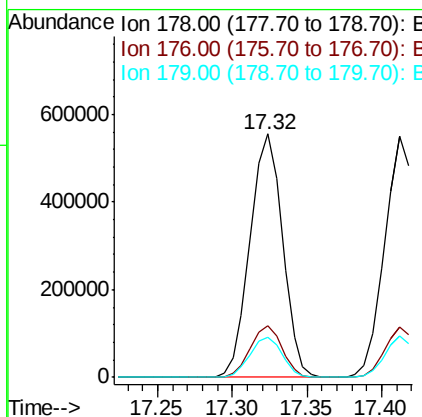
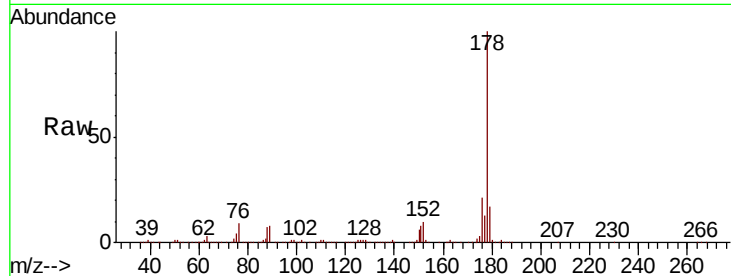
#71
Phenanthrene
Concen: 40.778 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	16.6	13.7	20.5

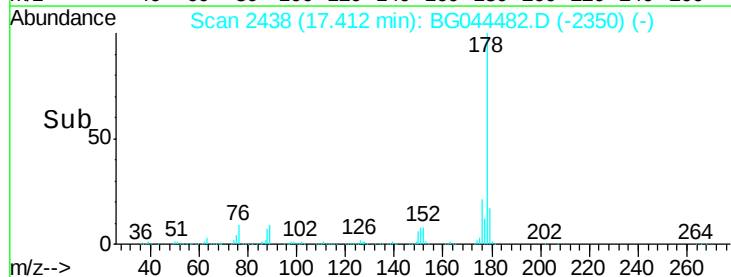
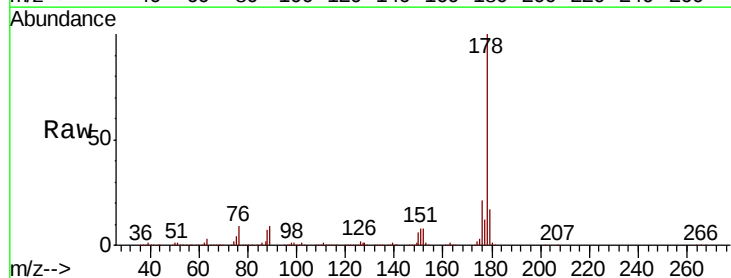
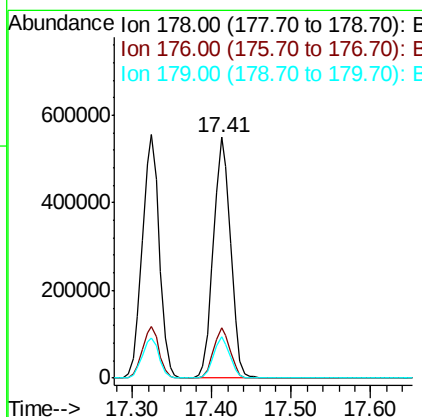
Manual Integrations
APPROVED

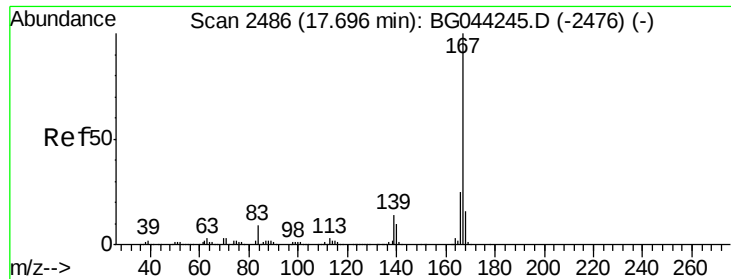
mohammad
2/20/2020 8:57:33 AM



#72
Anthracene
Concen: 40.678 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.0	25.4
179	17.0	14.4	21.6





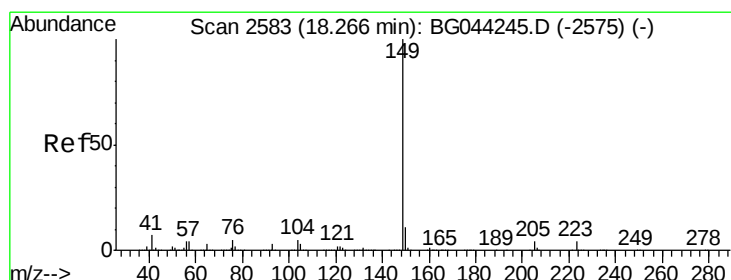
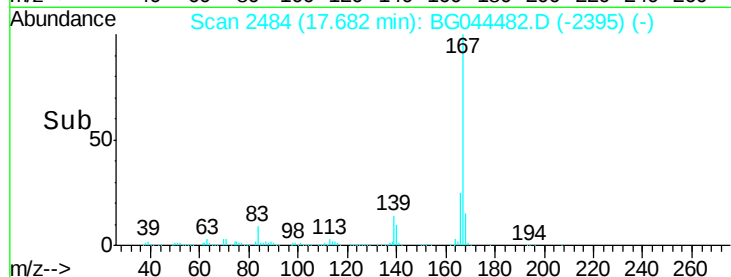
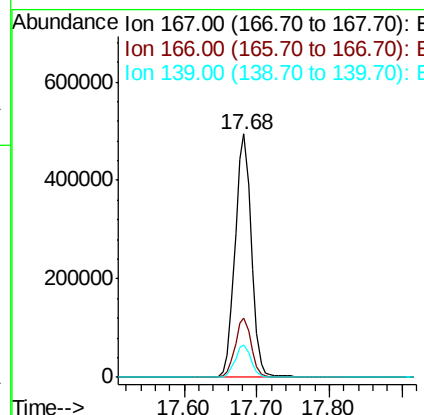
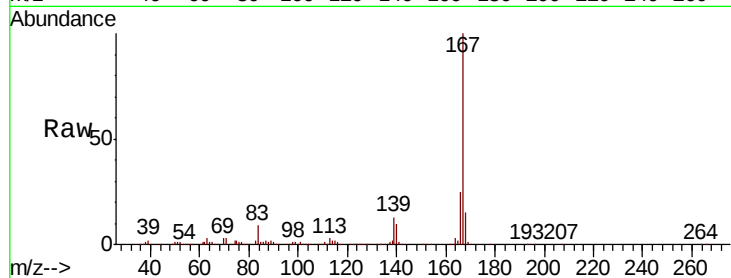
#73
 Carbazole
 Concen: 41.397 ng
 RT: 17.68 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		775198		
166	24.6	19.8	29.6		
139	13.5	11.1	16.7		

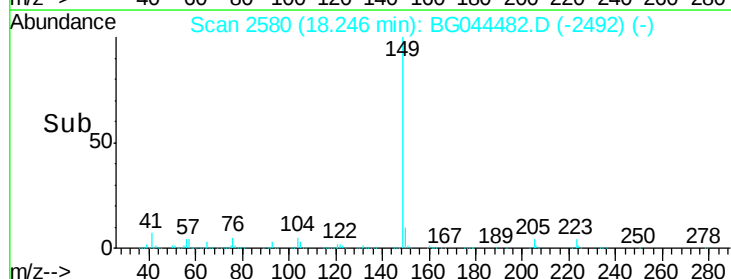
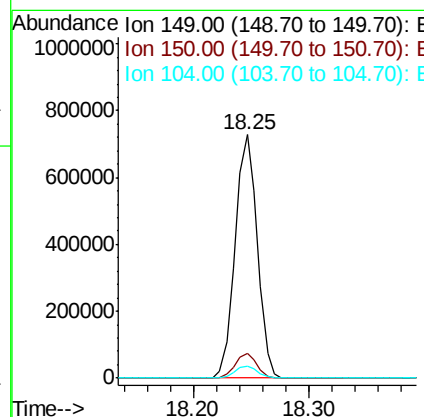
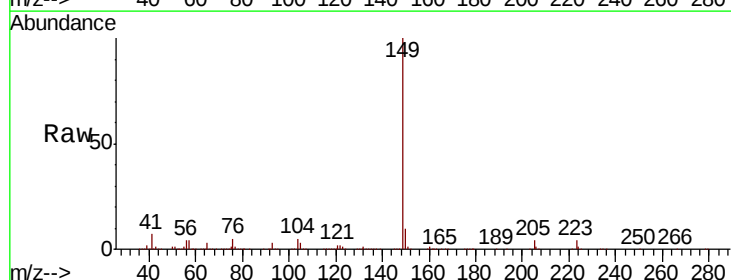
Manual Integrations
 APPROVED

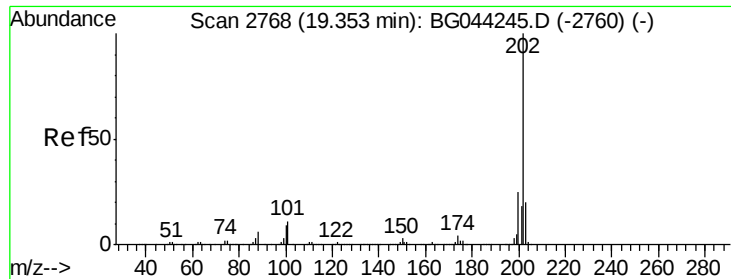
mohammad
 2/20/2020 8:57:33 AM



#74
 Di-n-butylphthalate
 Concen: 41.584 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		962301		
150	10.1	8.7	13.1		
104	5.0	4.3	6.5		





#75

Fluoranthene

Concen: 40.972 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

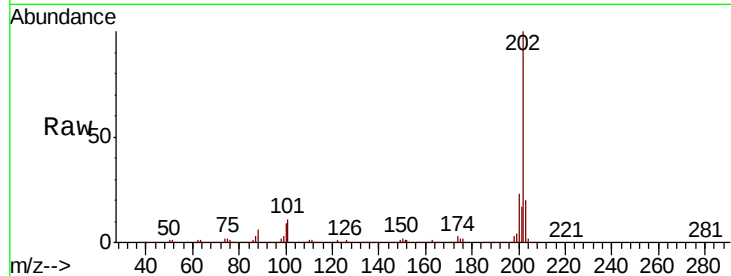
ClientSampleId :

PB126892BS

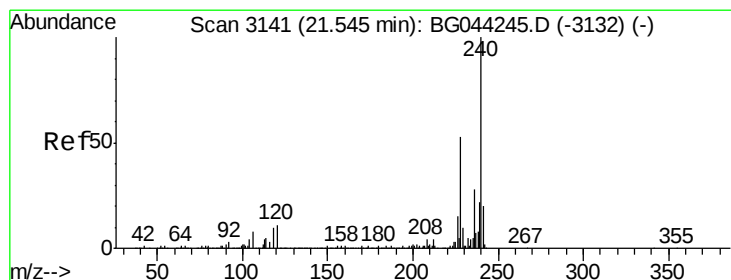
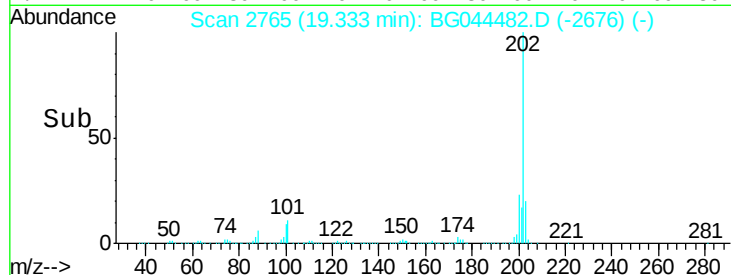
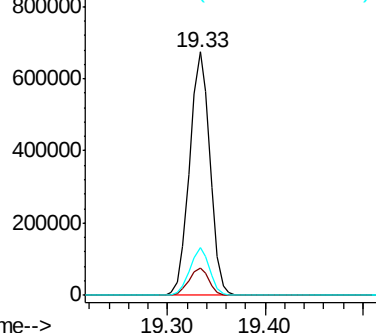
Tot Ion	Ratio	Resp	Lower	Upper
202	100	973798		
101	11.4	0.0	31.3	
203	19.6	0.0	39.9	

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 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

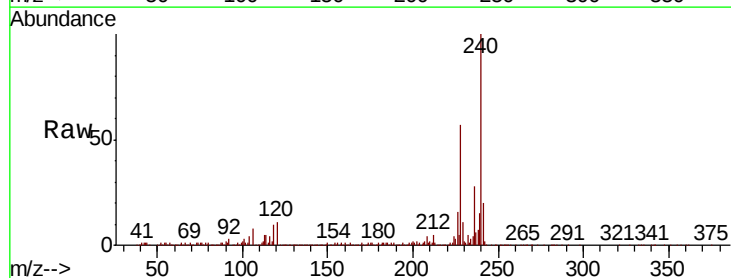
RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

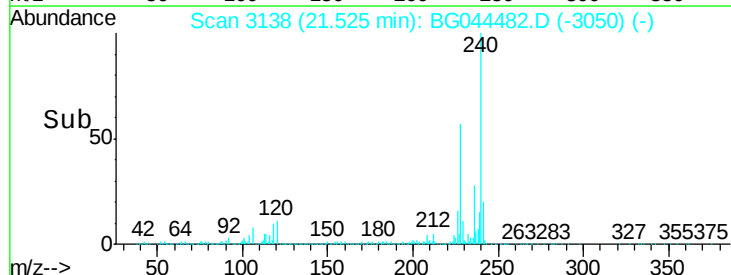
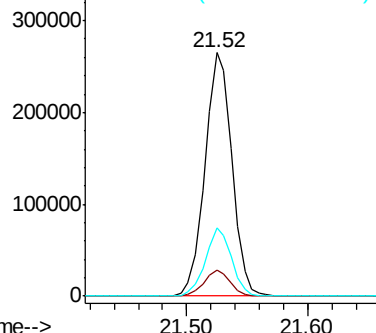
Lab File: BG044482.D

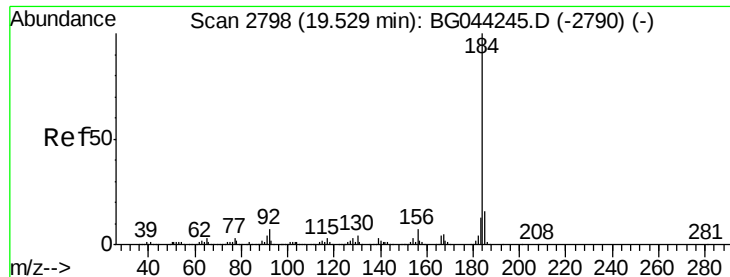
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	412159		
120	10.9	8.4	12.6	
236	27.8	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: 14.081 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

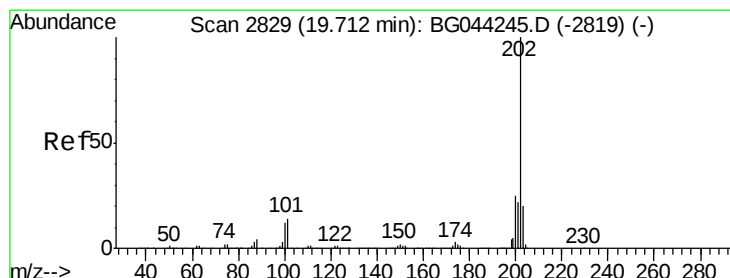
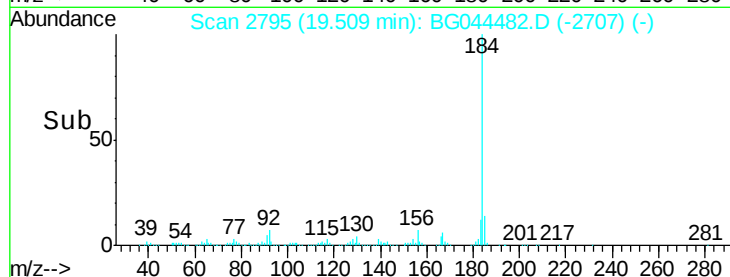
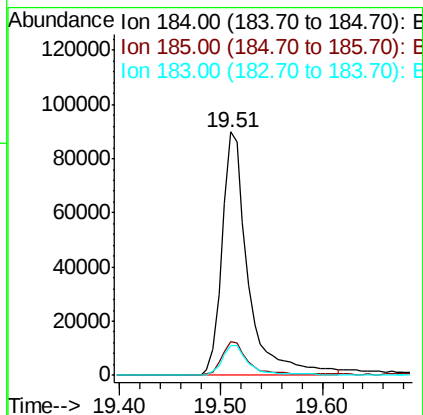
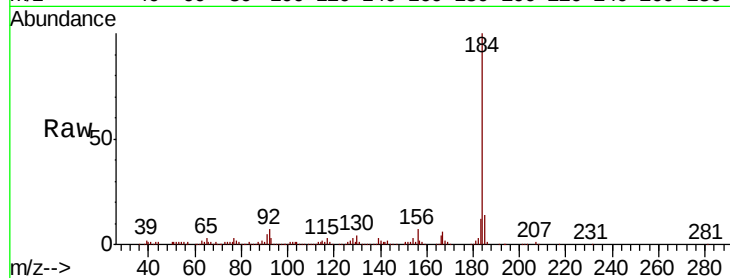
ClientSampleId :

PB126892BS

Tot Ion:	184	Resp:	160973
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.9	19.3
183	12.3	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#78

Pyrene

Concen: 36.926 ng

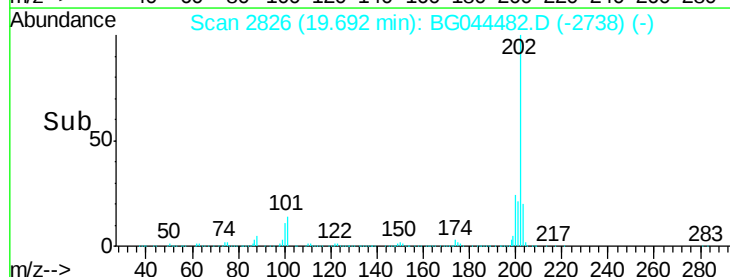
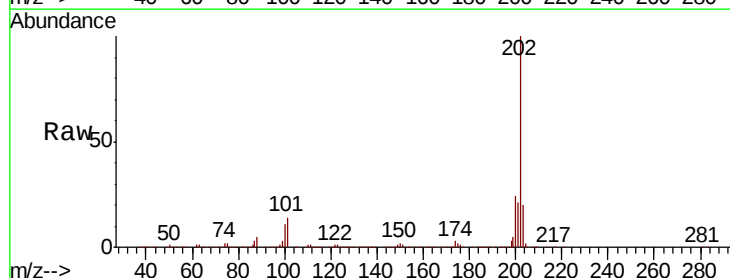
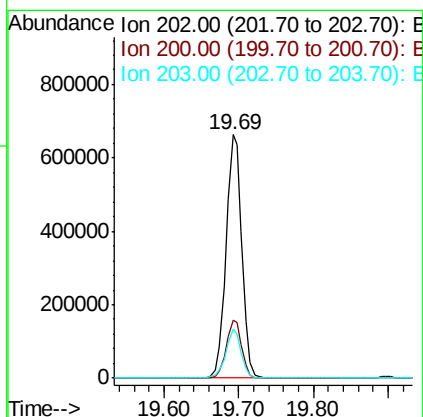
RT: 19.69 min Scan# 2826

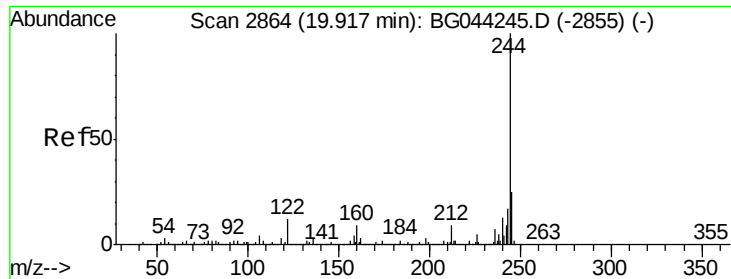
Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Tgt Ion:	202	Resp:	977406
Ion Ratio	Lower	Upper	
202	100		
200	23.9	20.0	30.0
203	20.0	16.2	24.2





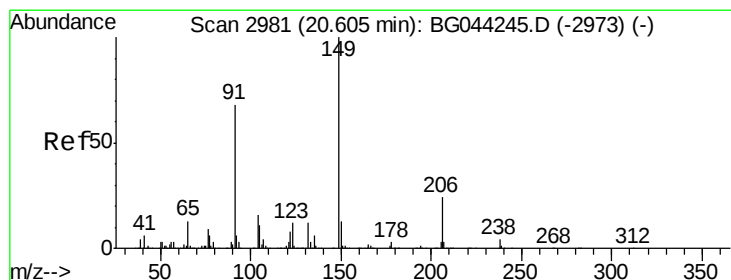
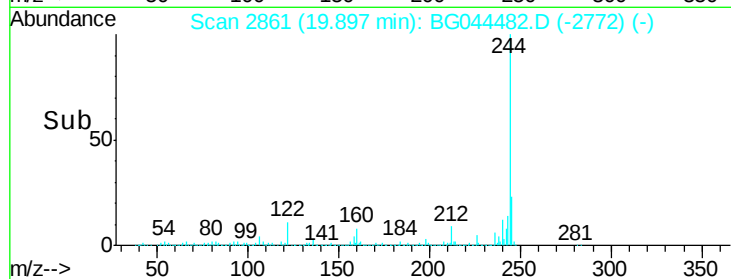
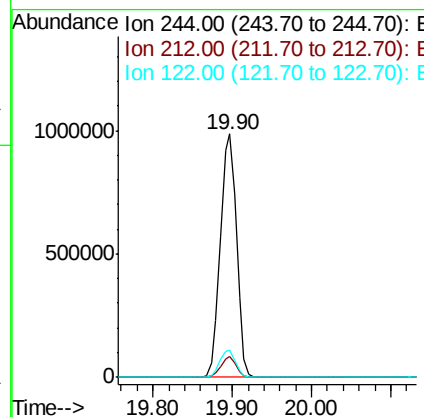
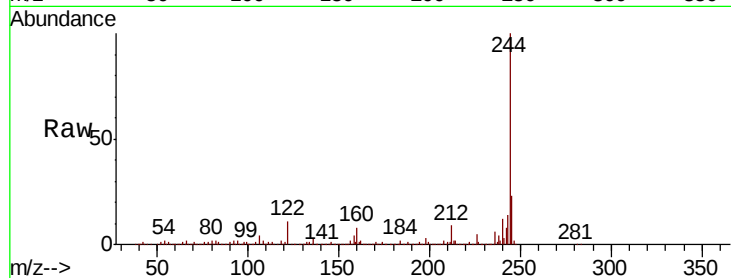
#79
 Terphenyl-d14
 Concen: 69.657 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BS

Tot Ion:244 Resp: 1395806
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.4 11.2
 122 11.2 9.8 14.6

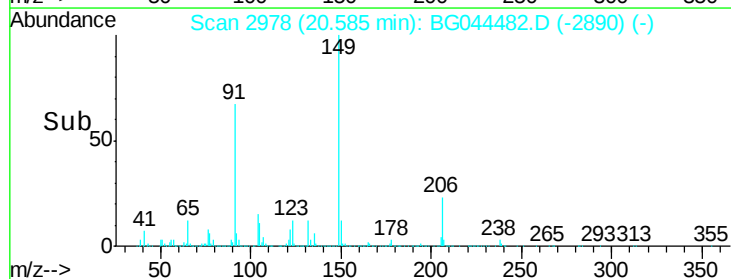
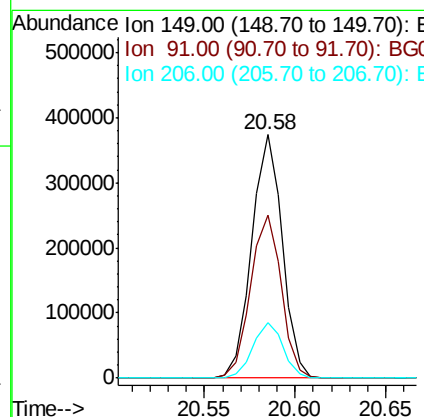
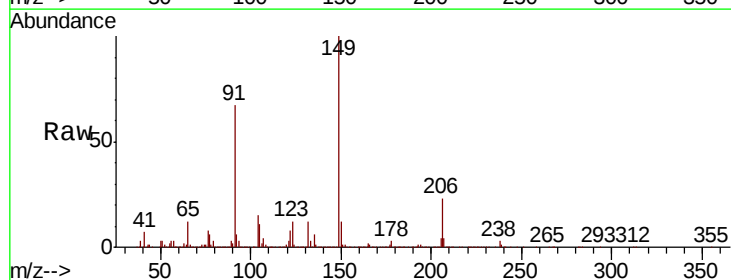
Manual Integrations
 APPROVED

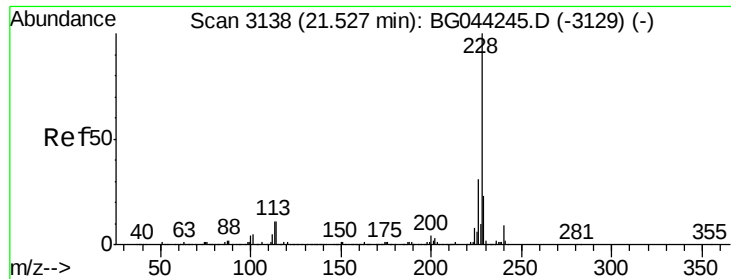
mohammad
 2/20/2020 8:57:33 AM



#80
 Butylbenzylphthalate
 Concen: 36.252 ng
 RT: 20.58 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG044482.D
 Acq: 18 Feb 2020 21:17

Tgt Ion:149 Resp: 437277
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.5 81.7
 206 22.6 19.1 28.7





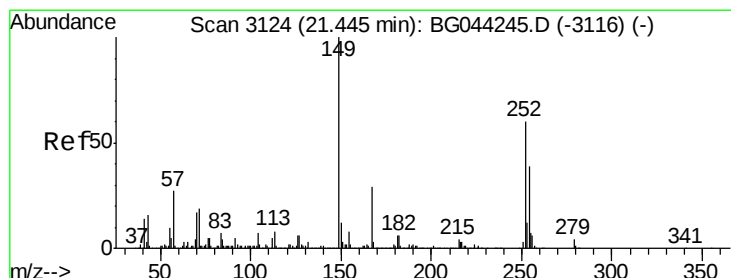
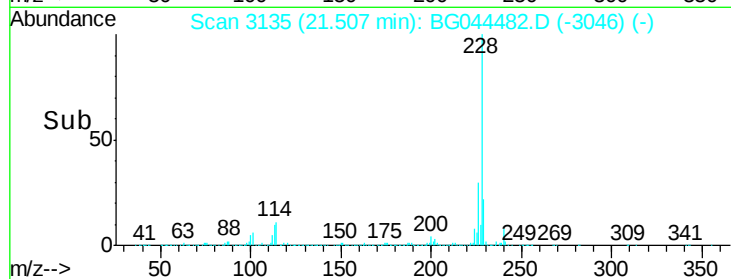
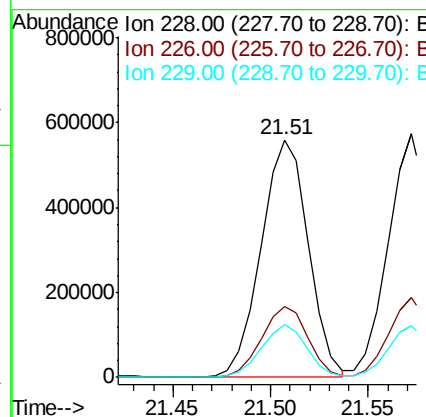
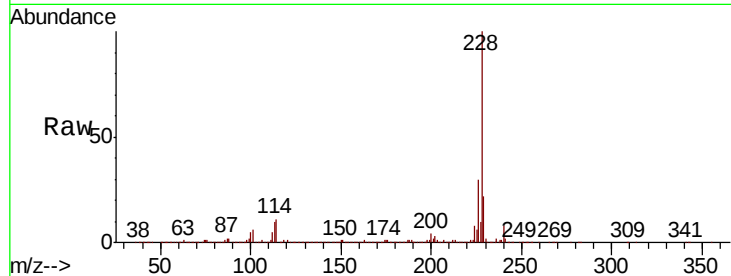
#81
Benzo(a)anthracene
Concen: 36.812 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.1	18.2	27.4

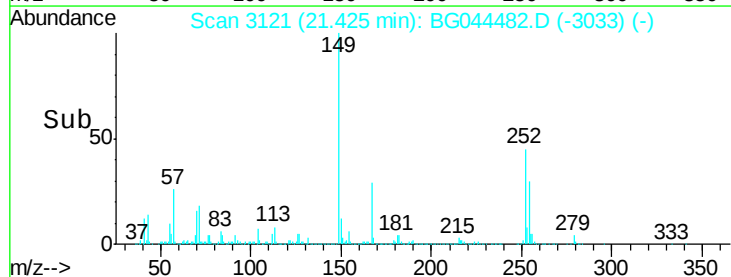
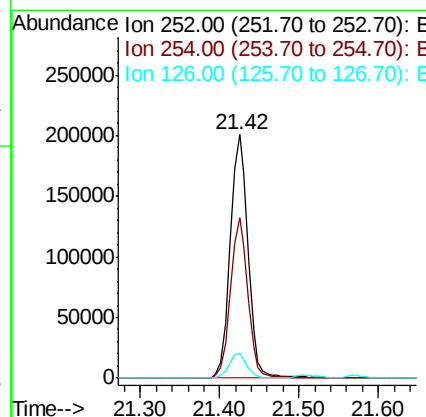
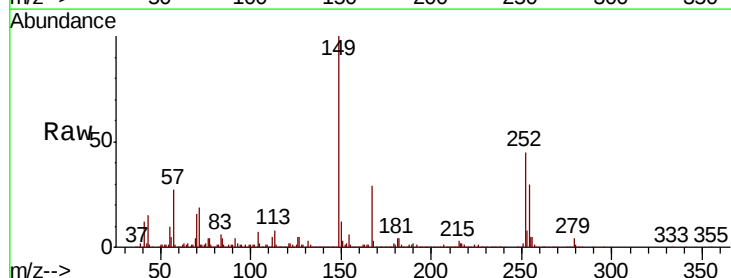
Manual Integrations
APPROVED

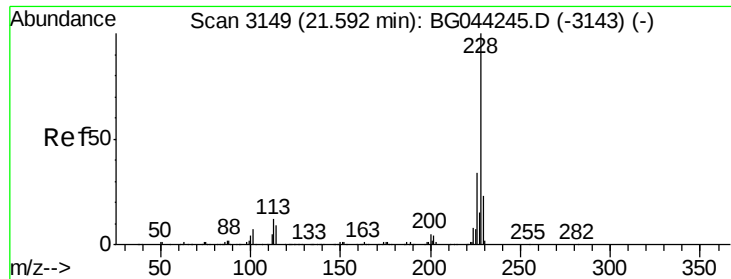
mohammad
2/20/2020 8:57:33 AM



#82
3,3'-Dichlorobenzidine
Concen: 31.754 ng
RT: 21.42 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	10.2	8.2	12.4





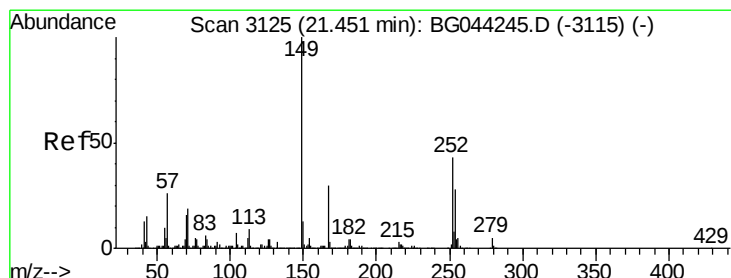
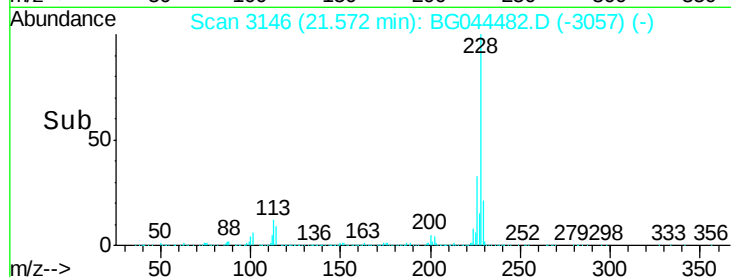
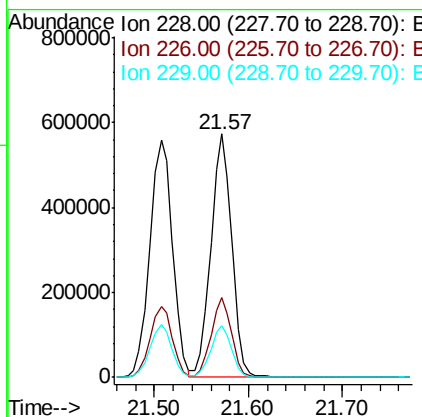
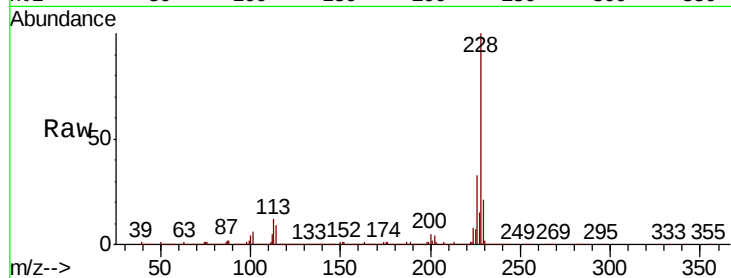
#83
Chrysene
Concen: 36.327 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		891948		
226	33.0	27.1	40.7		
229	21.4	17.9	26.9		

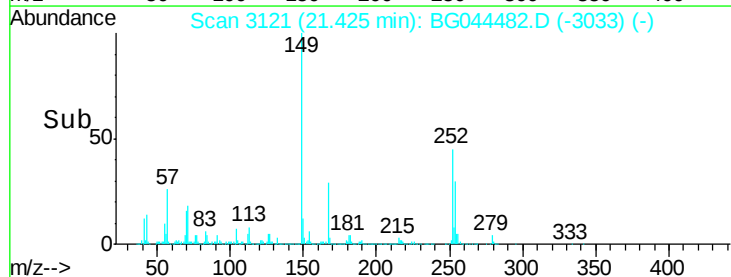
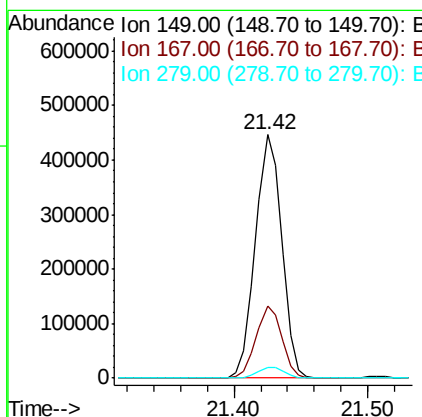
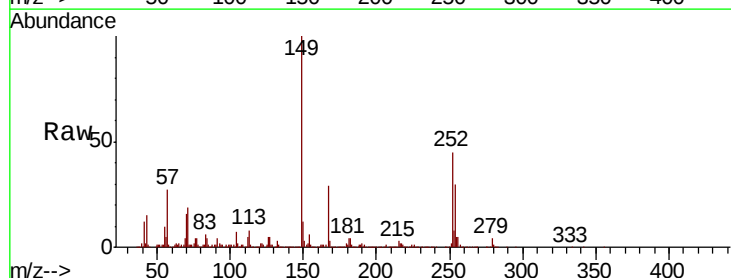
Manual Integrations
APPROVED

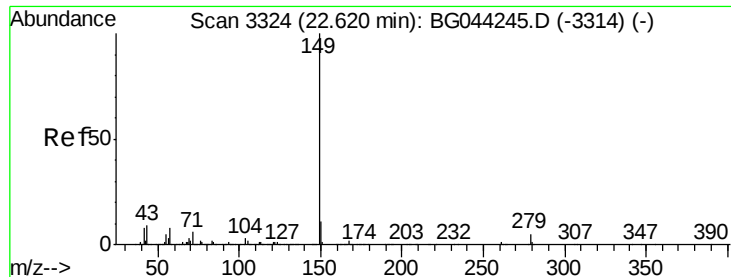
mohammad
2/20/2020 8:57:33 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.374 ng
RT: 21.42 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		603904		
167	29.4	24.0	36.0		
279	4.2	3.8	5.8		





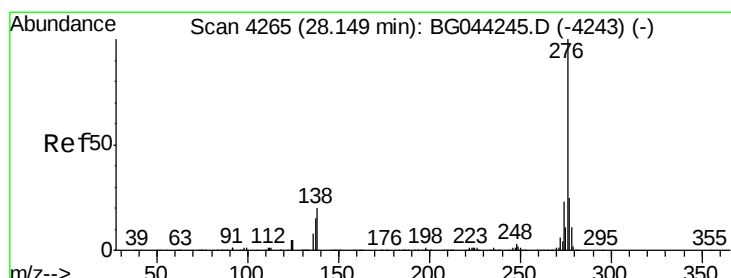
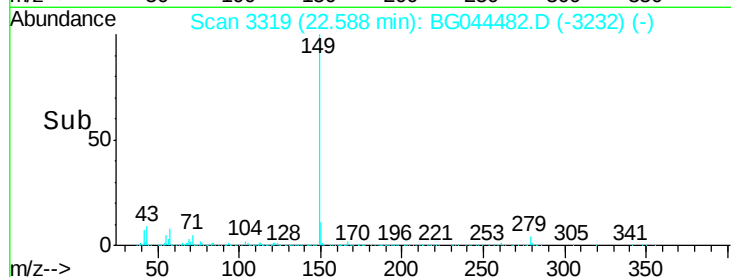
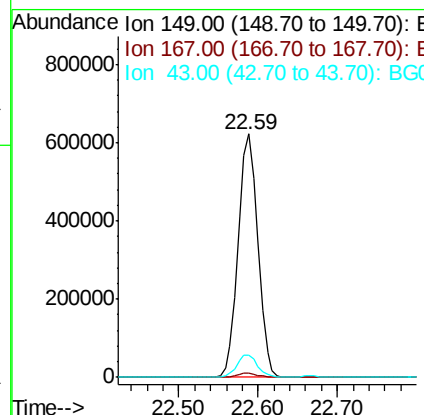
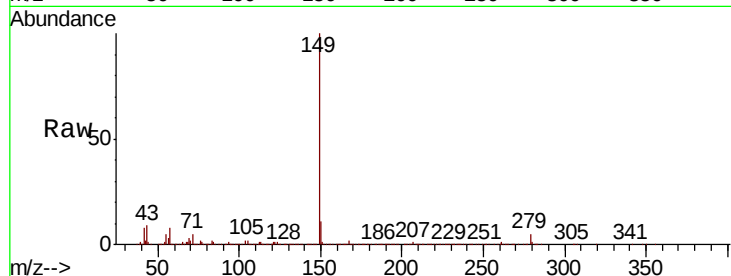
#85
Di-n-octyl phthalate
Concen: 37.256 ng
RT: 22.59 min Scan# 3319
Delta R.T. -0.02 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.4	11.0

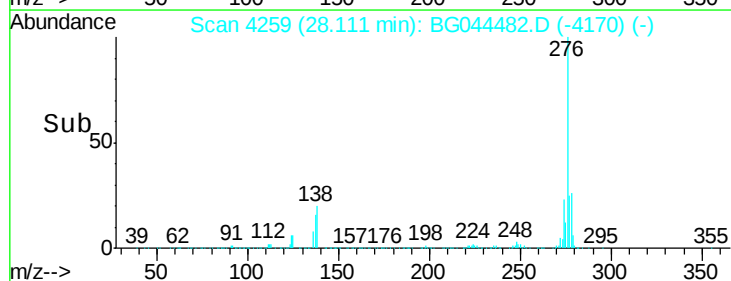
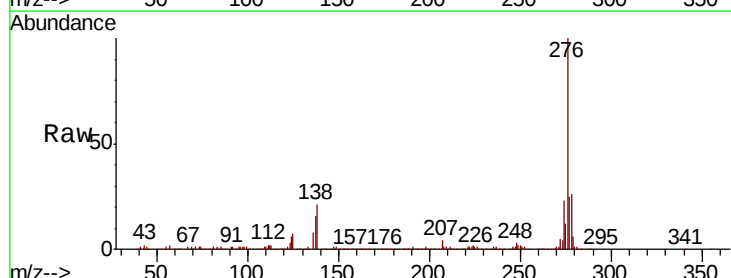
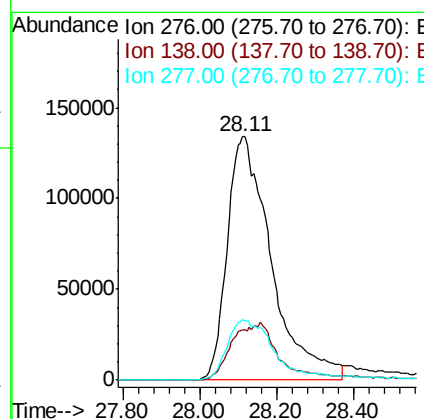
Manual Integrations
APPROVED

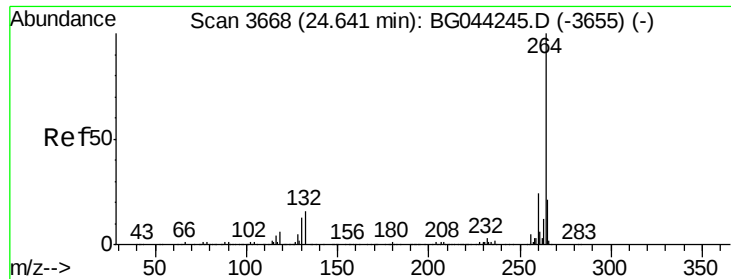
mohammad
2/20/2020 8:57:33 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.439 ng
RT: 28.11 min Scan# 4259
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	26.2	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044482.D

Acq: 18 Feb 2020 21:17

Instrument :

BNA_G

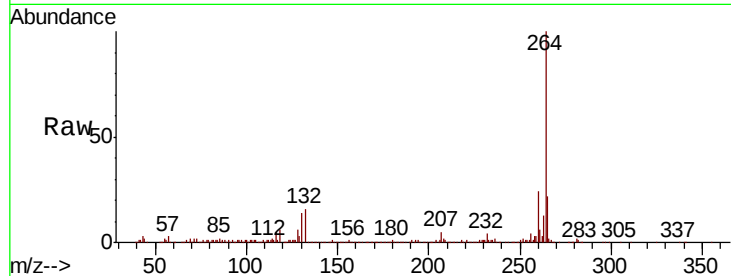
ClientSampled :

PB126892BS

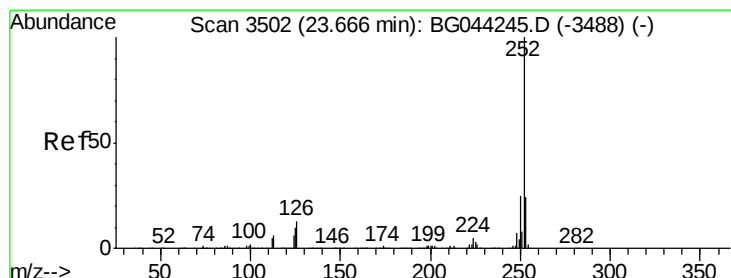
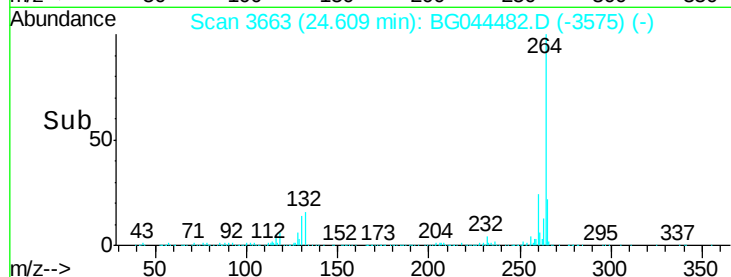
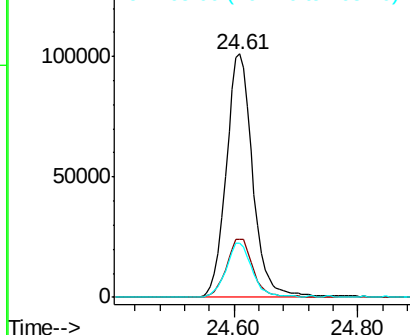
Tot Ion:	264	Resp:	300962
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	22.0	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 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: 56.764 ng

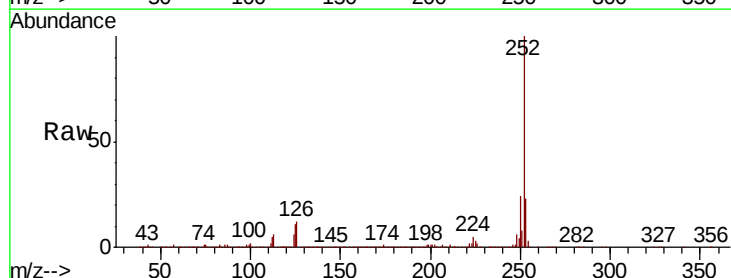
RT: 23.64 min Scan# 3498

Delta R.T. -0.01 min

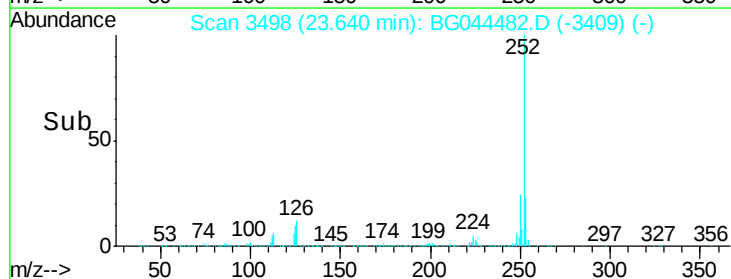
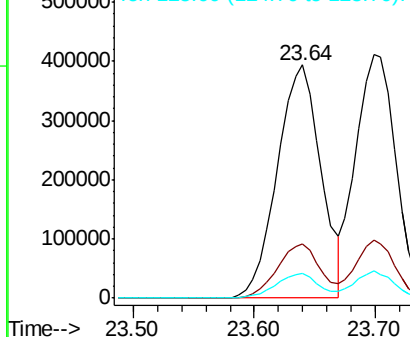
Lab File: BG044482.D

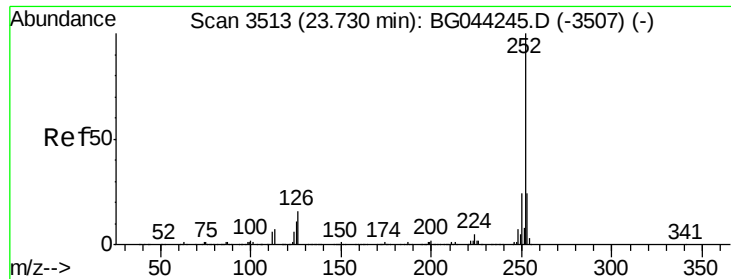
Acq: 18 Feb 2020 21:17

Tgt Ion:	252	Resp:	984428
Ion Ratio	Lower	Upper	
252	100		
253	23.0	19.2	28.8
125	10.6	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





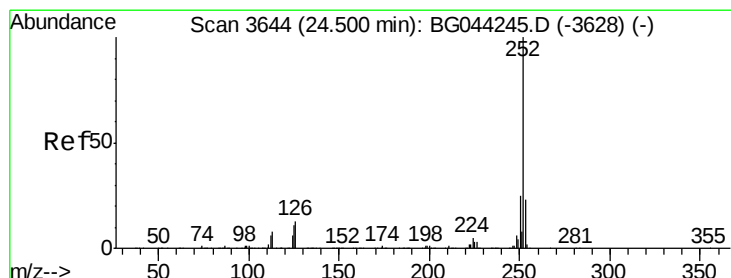
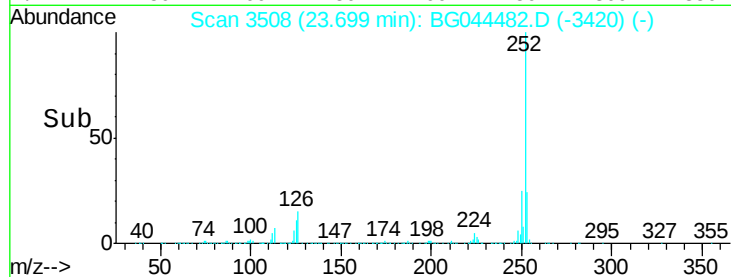
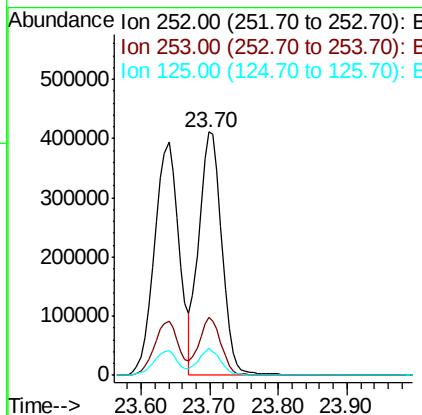
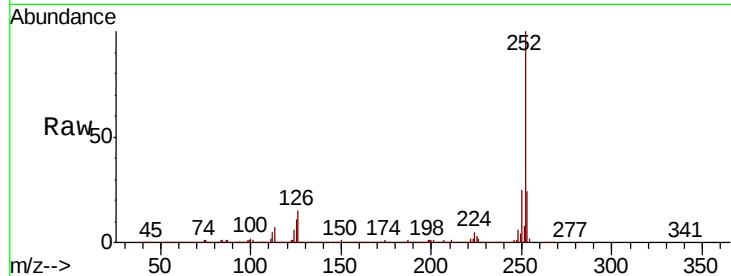
#89
Benzo(k)fluoranthene
Concen: 56.952 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion:	252	Resp:	962639
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.1	28.7
125	11.0	8.6	12.8

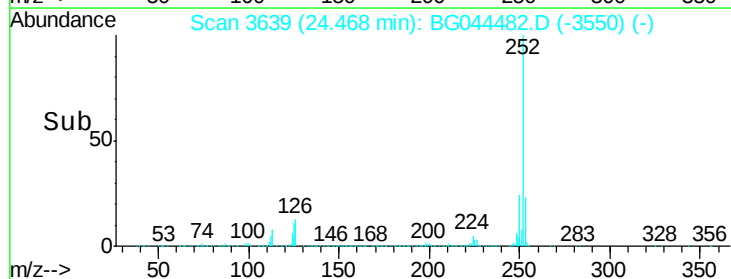
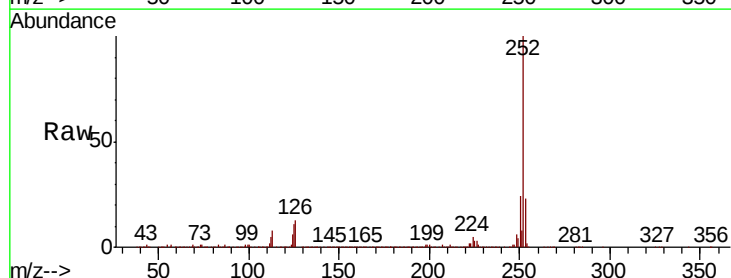
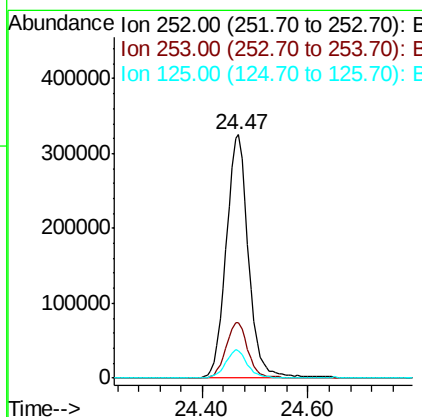
Manual Integrations
APPROVED

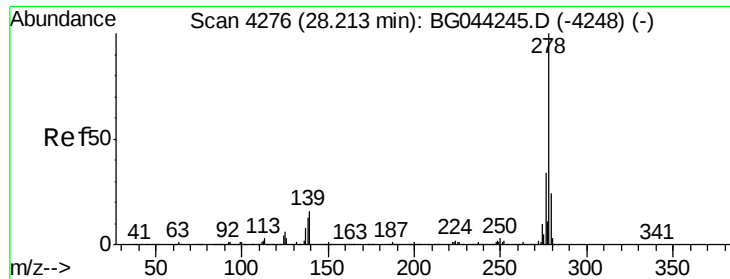
mohammad
2/20/2020 8:57:33 AM



#90
Benzo(a)pyrene
Concen: 57.820 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion:	252	Resp:	948076
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	11.0	8.6	13.0





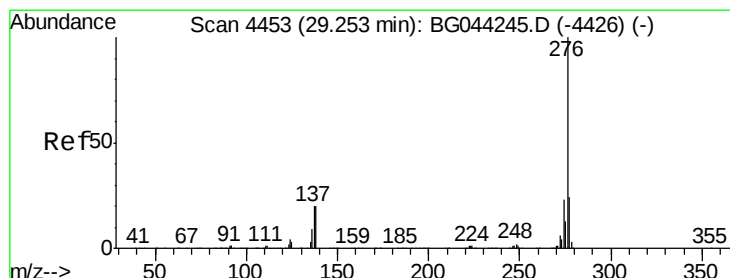
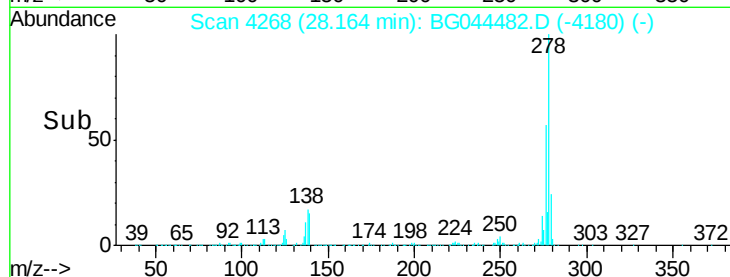
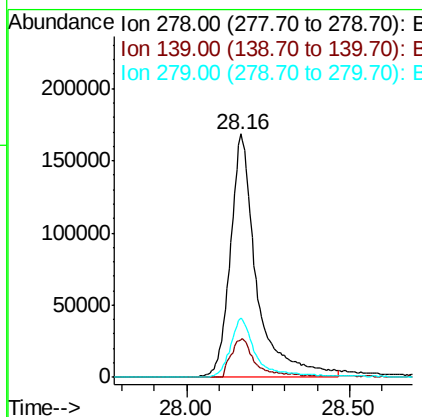
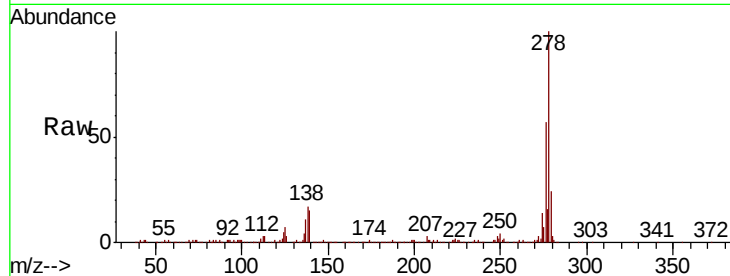
#91
Dibenzo(a,h)anthracene
Concen: 58.360 ng
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Instrument :
BNA_G
ClientSampleId :
PB126892BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	24.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/20/2020 8:57:33 AM



#92
Benzo(g,h,i)perylene
Concen: 49.309 ng
RT: 29.20 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG044482.D
Acq: 18 Feb 2020 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	21.1	16.2	24.2

