

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044304.D
 Acq On : 5 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:24 PM

Quant Time: Feb 06 01:22:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	84644	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	380694	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264142	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	608146	20.00	ng	0.00
76) Chrysene-d12	21.54	240	544142	20.00	ng	0.00
87) Perylene-d12	24.64	264	500371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	608831	126.94	ng	0.00
7) Phenol-d6	7.09	99	825398	128.16	ng	0.00
23) Nitrobenzene-d5	9.07	82	499653	74.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	364026	117.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1164821	73.84	ng	0.00
79) Terphenyl-d14	19.91	244	1856813	70.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	77894	36.148	ng	99
3) Pyridine	3.77	79	188313	32.801	ng	98
4) n-Nitrosodimethylamine	3.68	42	99999	41.683	ng	99
6) Aniline	7.24	93	254664	31.856	ng	98
8) 2-Chlorophenol	7.48	128	265278	50.327	ng	98
9) Benzaldehyde	7.04	77	79496	21.672	ng	99
10) Phenol	7.11	94	329759	51.736	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	237340	43.555	ng	98
12) 1,3-Dichlorobenzene	7.80	146	257751	40.955	ng	97
13) 1,4-Dichlorobenzene	7.95	146	261384	41.934	ng	99
14) 1,2-Dichlorobenzene	8.27	146	246551	41.847	ng	99
15) Benzyl Alcohol	8.15	79	220752	48.414	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	304991	41.352	ng	99
17) 2-Methylphenol	8.37	107	231225	50.845	ng	98
18) Hexachloroethane	9.00	117	95684	40.907	ng	100
19) n-Nitroso-di-n-propylamine	8.72	70	188461	43.907	ng	97
20) 3+4-Methylphenols	8.69	107	319520	50.981	ng	98
22) Acetophenone	8.74	105	356967	38.545	ng	# 98
24) Nitrobenzene	9.11	77	272424	41.383	ng	99
25) Isophorone	9.64	82	525295	41.795	ng	99
26) 2-Nitrophenol	9.83	139	152936	44.773	ng	99
27) 2,4-Dimethylphenol	9.89	122	256857	53.270	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	333373	39.761	ng	99
29) 2,4-Dichlorophenol	10.37	162	273957	46.988	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262477	39.261	ng	98
31) Naphthalene	10.77	128	766838	41.518	ng	99
32) Benzoic acid	10.05	122	123710	41.622	ng	91
33) 4-Chloroaniline	10.87	127	201225	23.955	ng	99
34) Hexachlorobutadiene	11.06	225	147905	35.954	ng	99
35) Caprolactam	11.64	113	108258m	50.688	ng	
36) 4-Chloro-3-methylphenol	12.01	107	295761	48.383	ng	99
37) 2-Methylnaphthalene	12.38	142	587698	42.855	ng	99
38) 1-Methylnaphthalene	12.60	142	557551	43.124	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	289284	36.612	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044304.D
 Acq On : 5 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

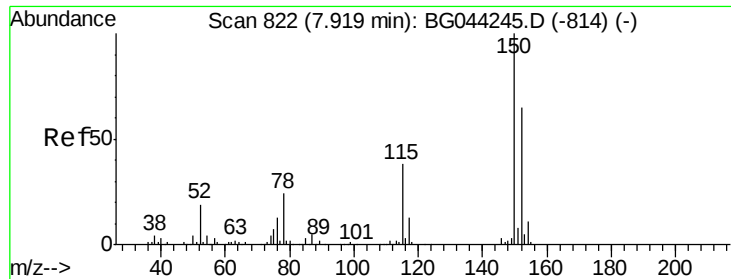
Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:24 PM

Quant Time: Feb 06 01:22:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	266663	70.335	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	223850	43.830	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241696	46.333	ng	100
46) 1,1'-Biphenyl	13.39	154	753224	39.533	ng	98
47) 2-Chloronaphthalene	13.43	162	588556	38.820	ng	99
48) 2-Nitroaniline	13.62	65	188353	42.096	ng	98
49) Acenaphthylene	14.28	152	946577	42.567	ng	100
50) Dimethylphthalate	14.01	163	781839	41.177	ng	99
51) 2,6-Dinitrotoluene	14.12	165	182470	43.101	ng	98
52) Acenaphthene	14.62	154	592882	41.133	ng	98
53) 3-Nitroaniline	14.45	138	140402	29.976	ng	99
54) 2,4-Dinitrophenol	14.66	184	219627	86.832	ng	98
55) Dibenzofuran	14.95	168	923364	42.311	ng	100
56) 4-Nitrophenol	14.78	139	346664	101.042	ng	100
57) 2,4-Dinitrotoluene	14.92	165	258697	43.599	ng	97
58) Fluorene	15.60	166	737183	42.888	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	220628	46.824	ng	100
60) Diethylphthalate	15.38	149	791673	41.845	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	384797	41.288	ng	99
62) 4-Nitroaniline	15.62	138	190089	40.616	ng	97
63) Azobenzene	15.89	77	711787	42.926	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	161296	48.048	ng	98
66) n-Nitrosodiphenylamine	15.81	169	703222	41.262	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	259296	39.135	ng	99
68) Hexachlorobenzene	16.62	284	283544	38.198	ng	99
69) Atrazine	16.76	200	265053	45.374	ng	99
70) Pentachlorophenol	16.96	266	321492	85.425	ng	98
71) Phenanthrene	17.34	178	1200856	40.778	ng	99
72) Anthracene	17.43	178	1225829	42.104	ng	99
73) Carbazole	17.70	167	1129855	42.096	ng	100
74) Di-n-butylphthalate	18.27	149	1362628	41.082	ng	99
75) Fluoranthene	19.35	202	1407963	41.330	ng	98
77) Benzidine	19.53	184	293556	19.450	ng	97
78) Pyrene	19.71	202	1425072	40.780	ng	99
80) Butylbenzylphthalate	20.60	149	642279	40.332	ng	99
81) Benzo(a)anthracene	21.53	228	1377502	41.075	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	441781	33.942	ng	99
83) Chrysene	21.59	228	1315942	40.596	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	893552	40.766	ng	100
85) Di-n-octyl phthalate	22.62	149	1572432	41.461	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1701663	40.237	ng	100
88) Benzo(b)fluoranthene	23.67	252	1498853	51.984	ng	100
89) Benzo(k)fluoranthene	23.73	252	1411245	50.219	ng	99
90) Benzo(a)pyrene	24.50	252	1343799	49.293	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1418801	52.588	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1430753	52.974	ng	99

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



#1

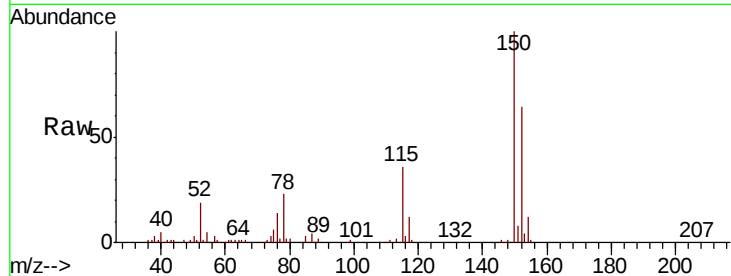
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	183.8
115	55.8	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM

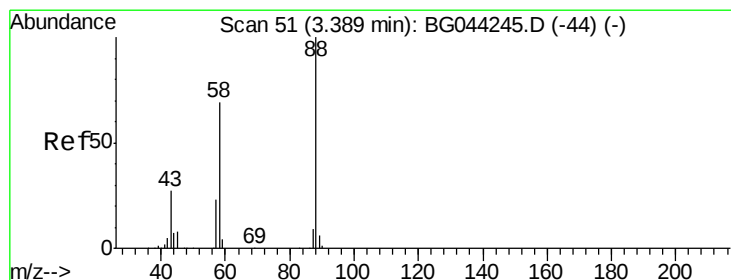
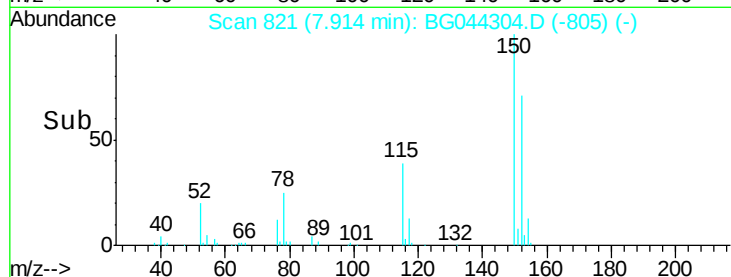
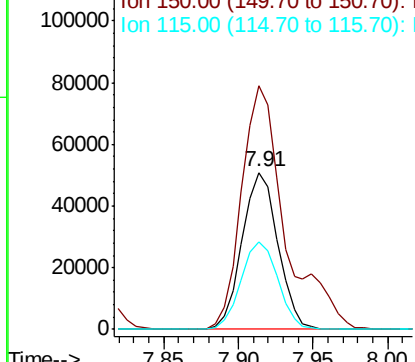


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

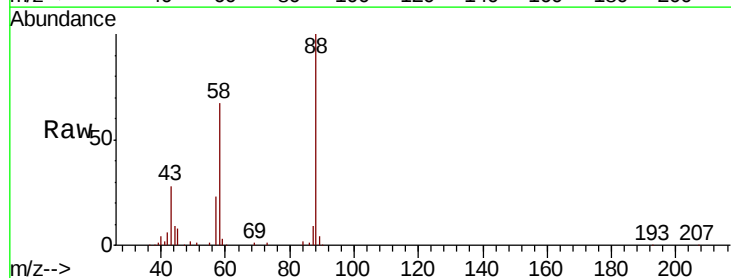
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.148 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	26.3	21.6	32.4

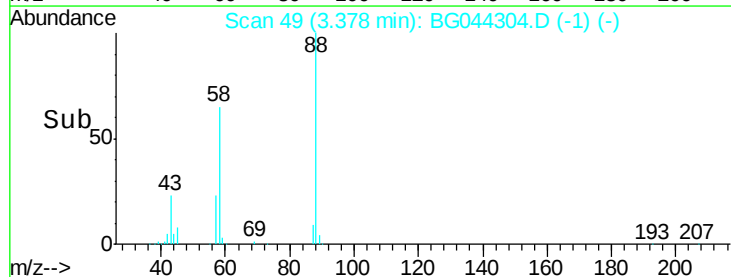
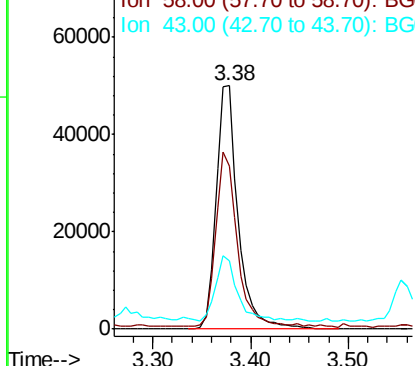


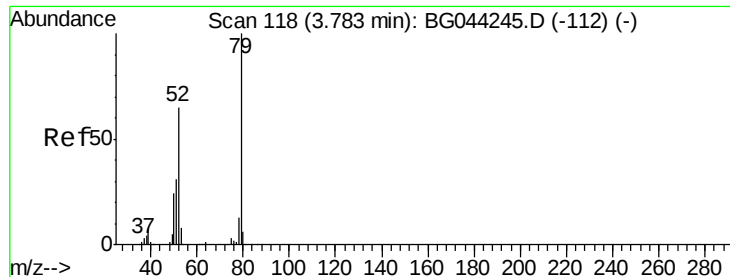
Abundance

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: 32.801 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

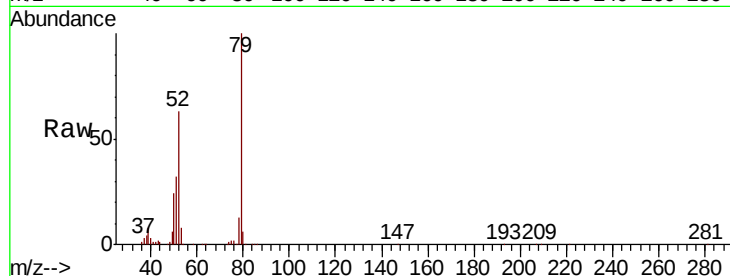
ClientSampleId :

PB126601BSD

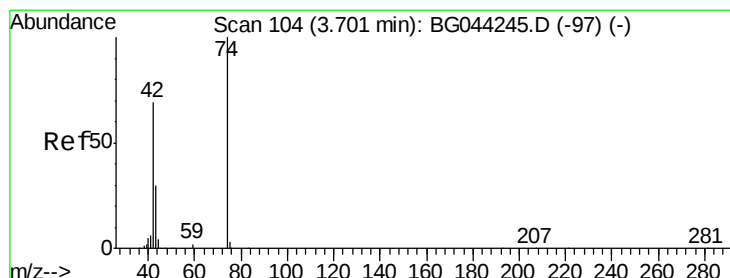
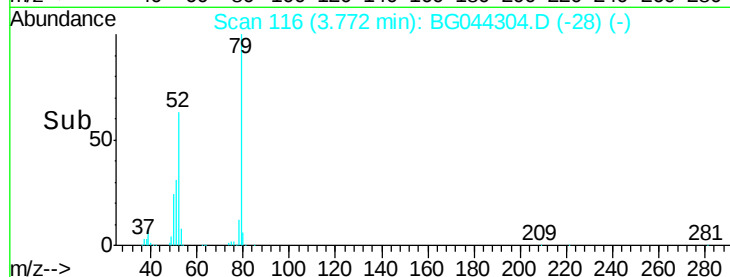
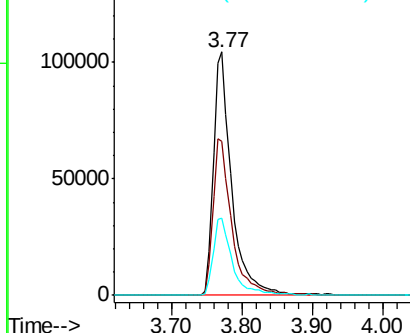
Tot Ion:	79	Resp:	188313
Ion Ratio	Lower	Upper	
79	100		
52	63.1	51.9	77.9
51	31.7	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



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



#4

n-Nitrosodimethylamine

Concen: 41.683 ng

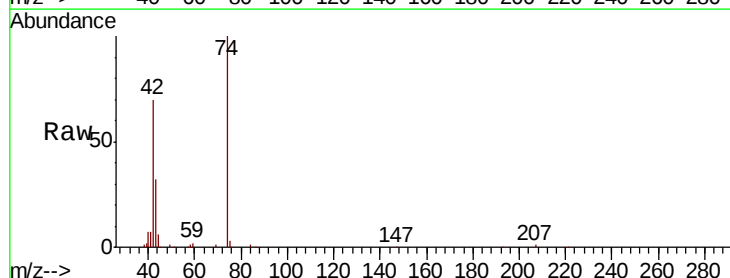
RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

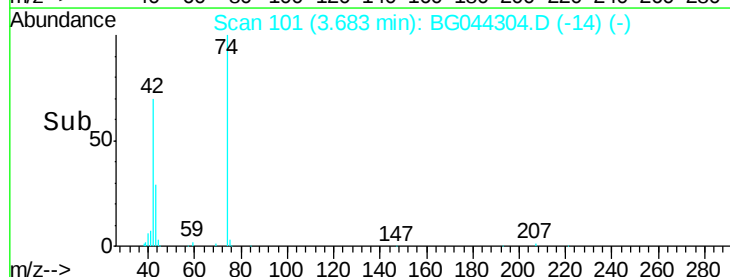
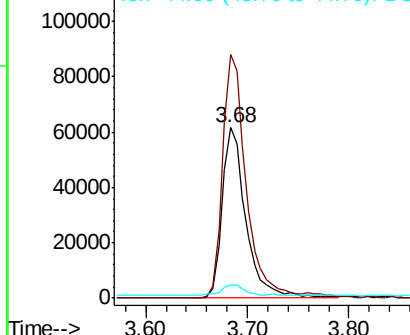
Lab File: BG044304.D

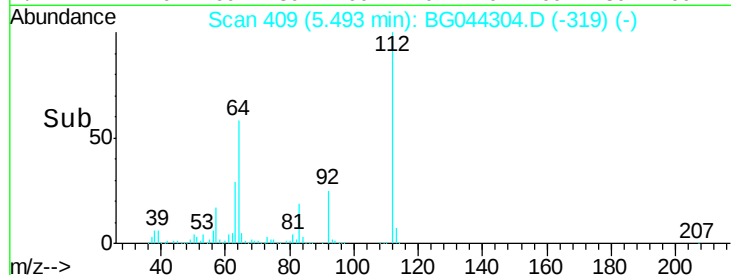
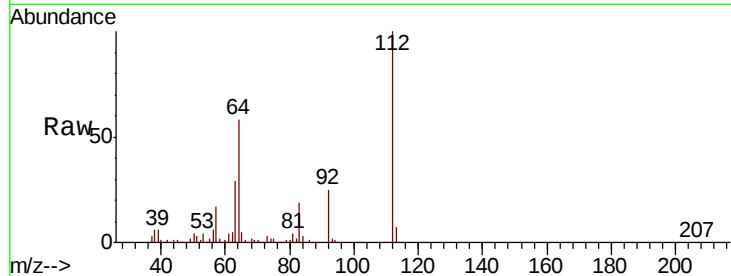
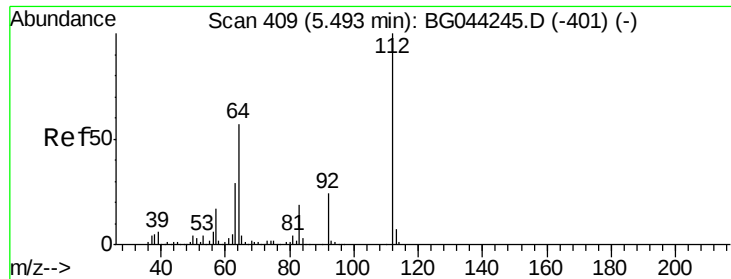
Acq: 5 Feb 2020 14:49

Tgt Ion:	42	Resp:	99999
Ion Ratio	Lower	Upper	
42	100		
74	143.0	115.1	172.7
44	8.1	5.6	8.4



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





#5

2-Fluorophenol

Concen: 126.942 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tot Ion:	112	Resp:	608831
Ion Ratio	Lower	Upper	
112	100		
64	57.8	45.4	68.2
63	29.5	22.9	34.3

Instrument :

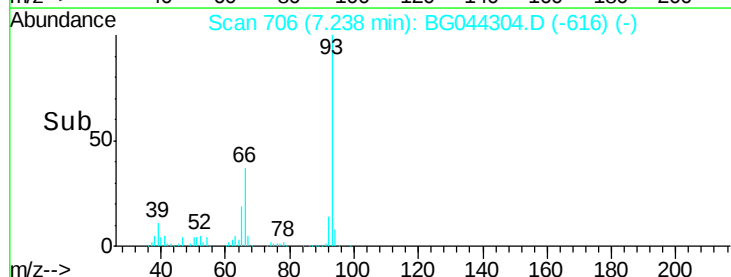
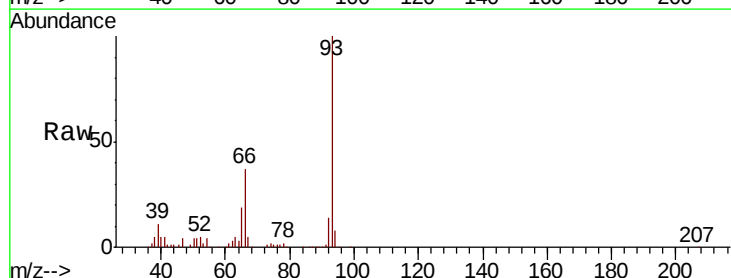
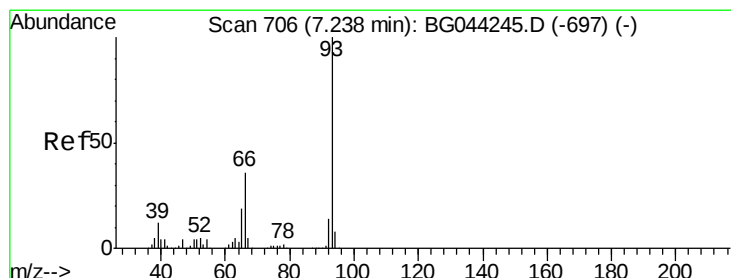
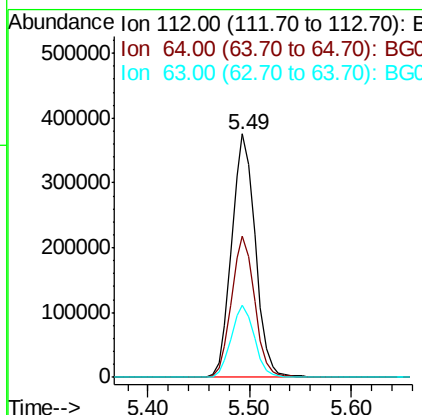
BNA_G

ClientSampleId :

PB126601BSD

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#6

Aniline

Concen: 31.856 ng

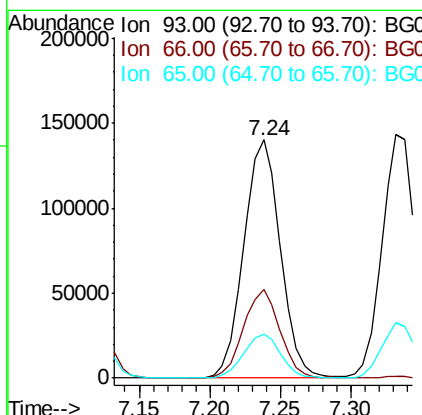
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	93	Resp:	254664
Ion Ratio	Lower	Upper	
93	100		
66	37.3	28.7	43.1
65	18.6	15.4	23.0





#7

Phenol-d6

Concen: 128.158 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

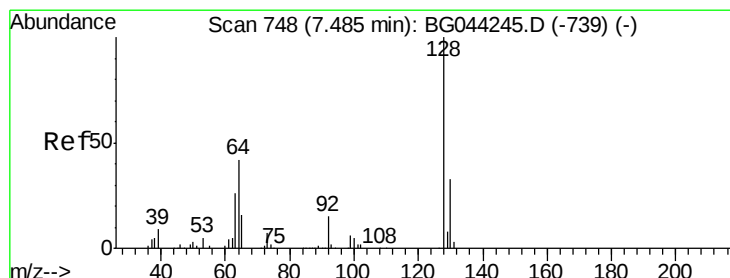
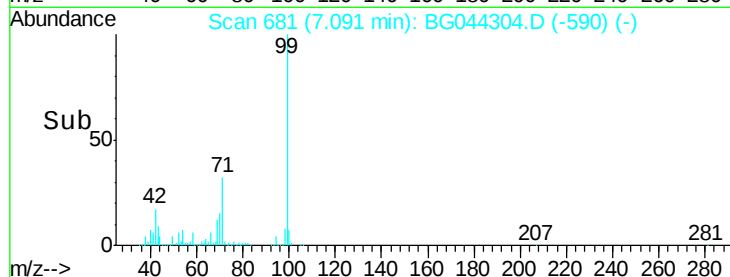
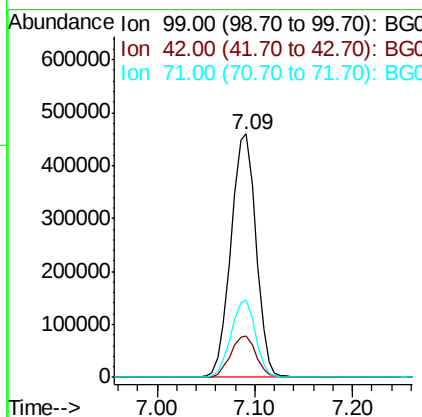
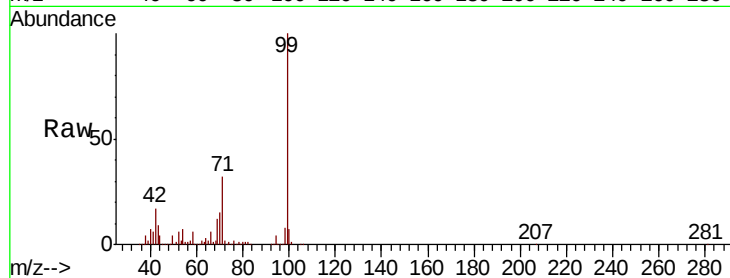
ClientSampleId :

PB126601BSD

Tot Ion:	99	Resp:	825398
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	31.6	25.5	38.3

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#8

2-Chlorophenol

Concen: 50.327 ng

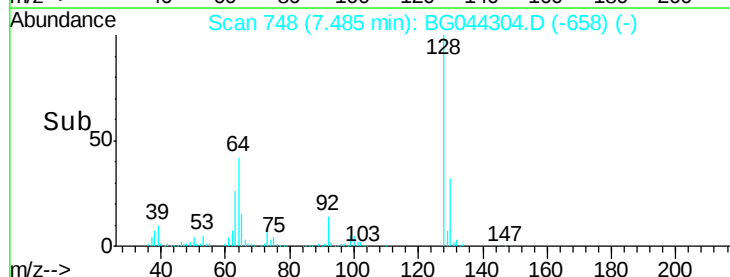
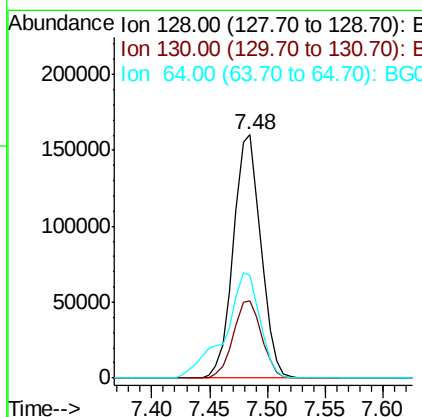
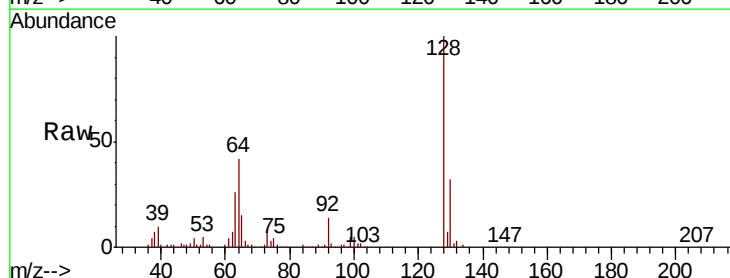
RT: 7.48 min Scan# 748

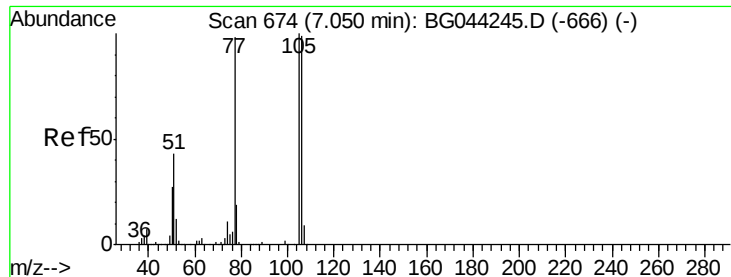
Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	128	Resp:	265278
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	42.2	24.2	64.2





#9

Benzaldehyde

Concen: 21.672 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

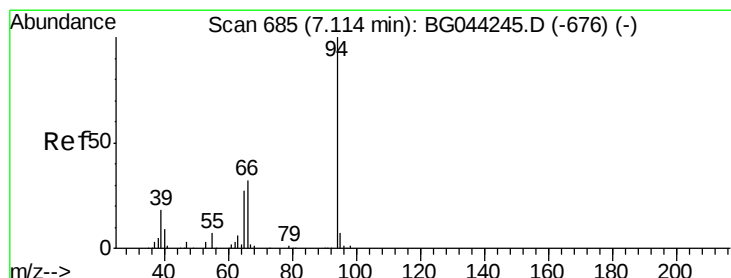
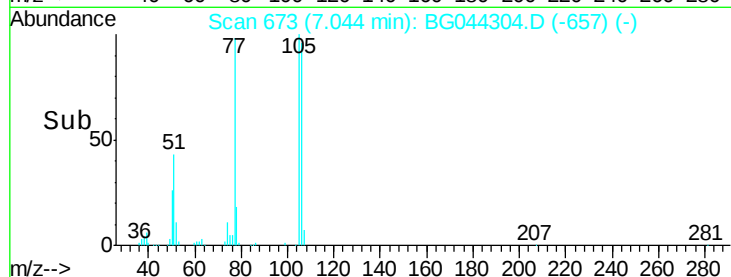
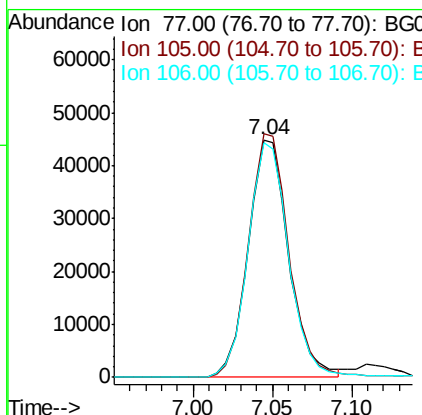
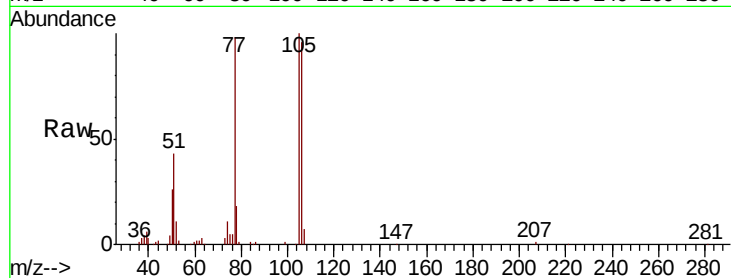
ClientSampleId :

PB126601BSD

Tot Ion:	77	Resp:	79496
Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.0	122.0
106	98.8	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#10

Phenol

Concen: 51.736 ng

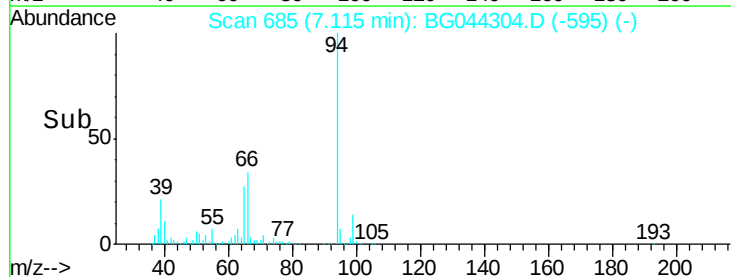
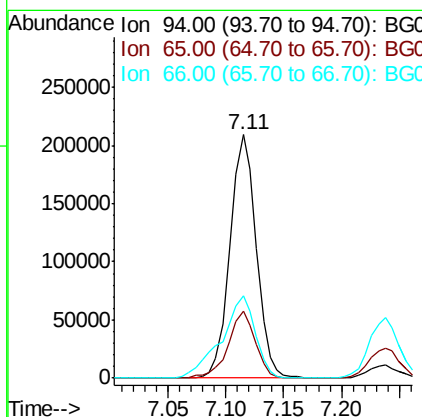
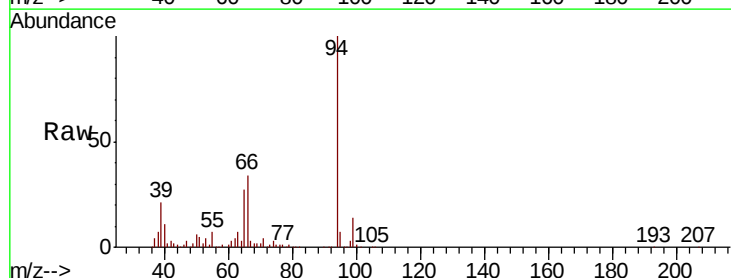
RT: 7.11 min Scan# 685

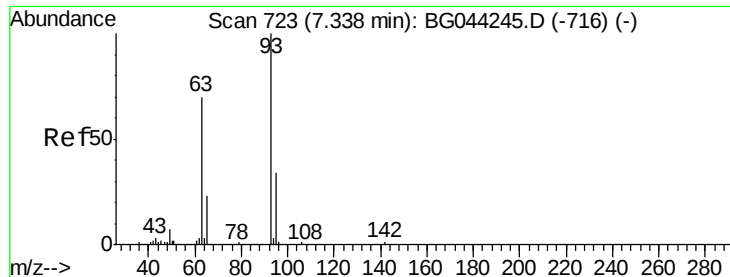
Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	94	Resp:	329759
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.0	47.0
66	33.6	12.7	52.7





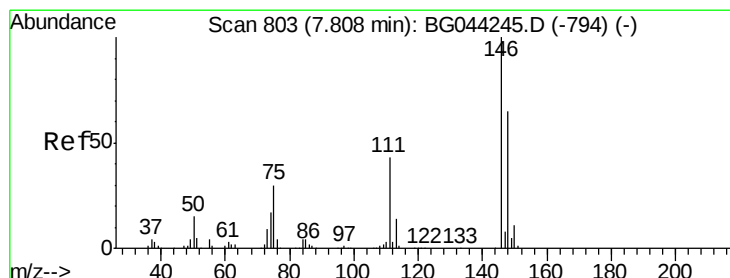
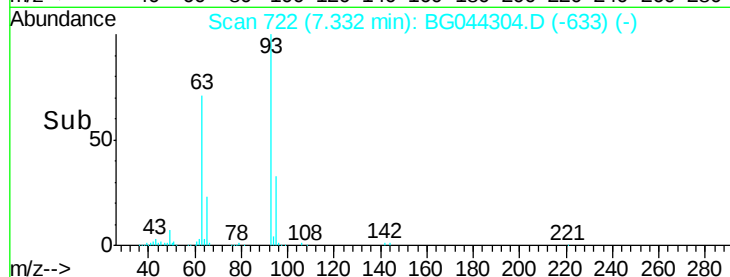
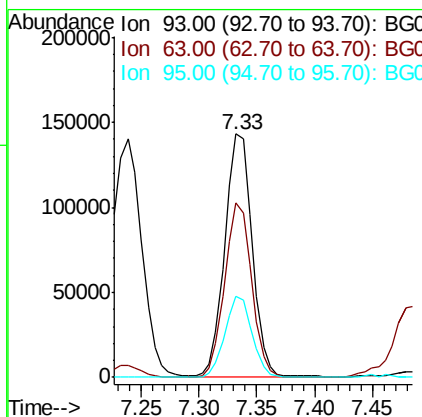
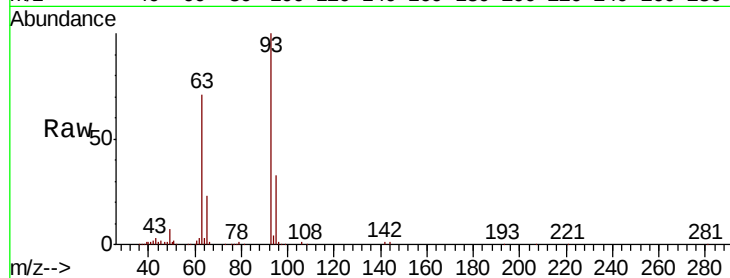
#11
bis(2-Chloroethyl)ether
Concen: 43.555 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	71.4	49.2	89.2	
95	33.4	13.6	53.6	

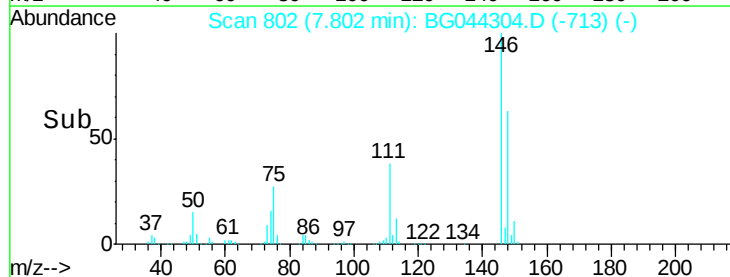
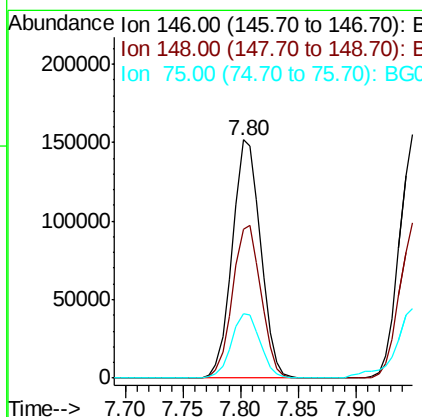
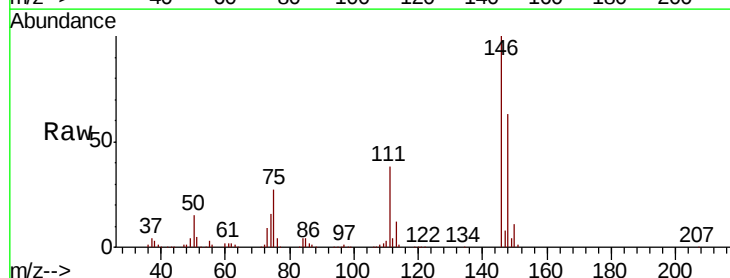
Manual Integrations
APPROVED

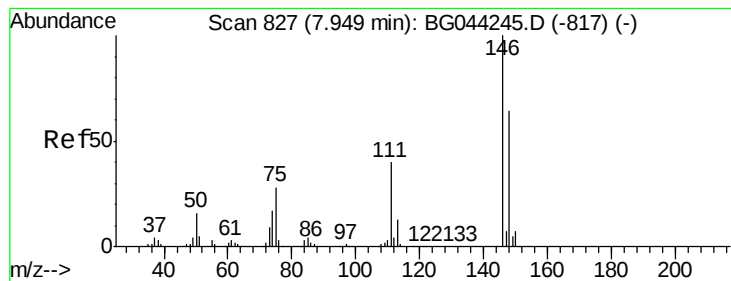
mohammad
2/6/2020 2:19:24 PM



#12
1,3-Dichlorobenzene
Concen: 40.955 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	51.8	77.8	
75	27.2	23.7	35.5	





#13

1,4-Dichlorobenzene

Concen: 41.934 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

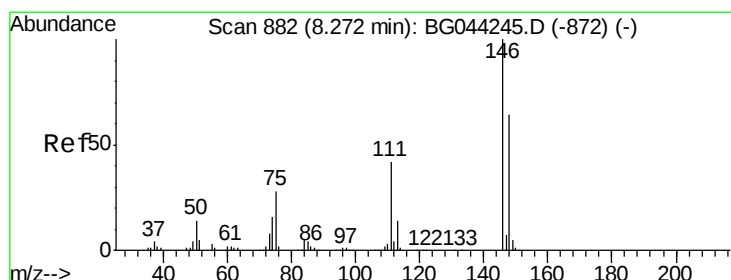
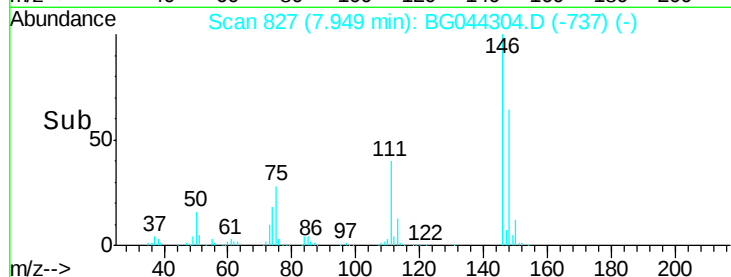
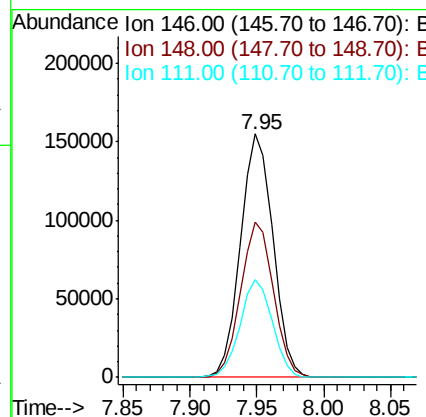
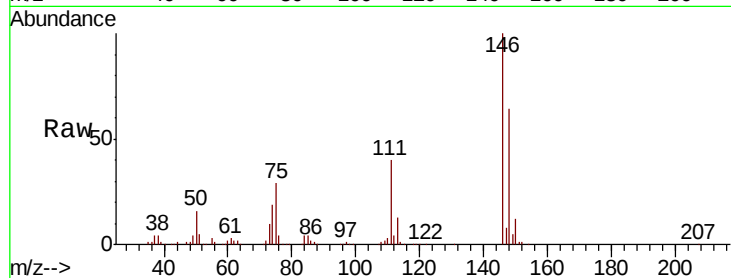
ClientSampleId :

PB126601BSD

Tot Ion:	146	Resp:	261384
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	40.4	31.8	47.8

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#14

1,2-Dichlorobenzene

Concen: 41.847 ng

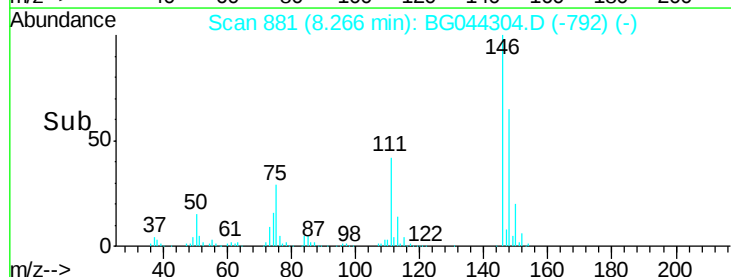
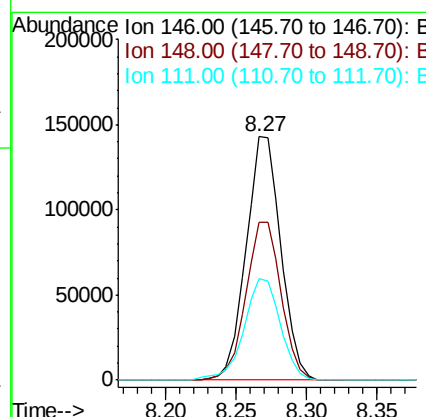
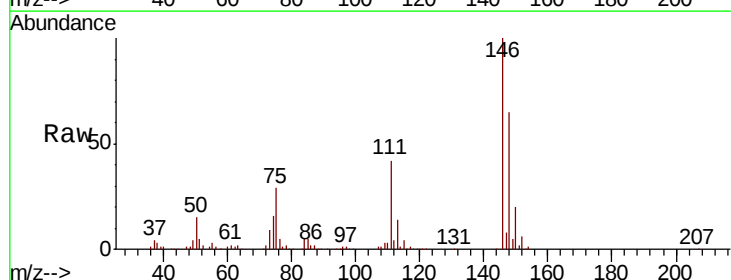
RT: 8.27 min Scan# 881

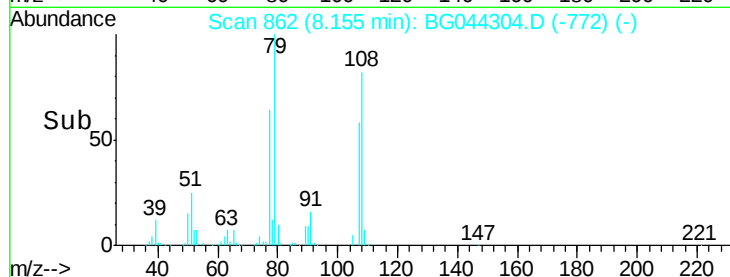
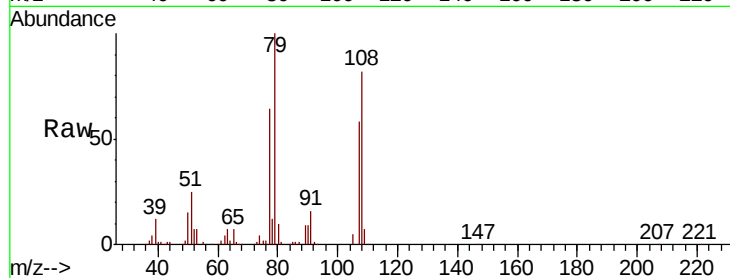
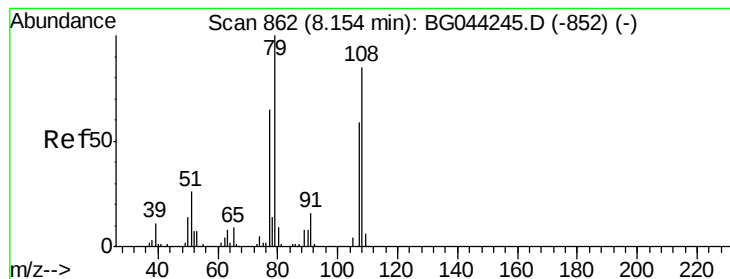
Delta R.T. -0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	146	Resp:	246551
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
111	41.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 48.414 ng

RT: 8.15 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tot Ion:	79	Resp:	220752
Ion Ratio	Lower	Upper	
79	100		
108	81.6	68.3	102.5
77	63.7	51.8	77.8

Instrument :

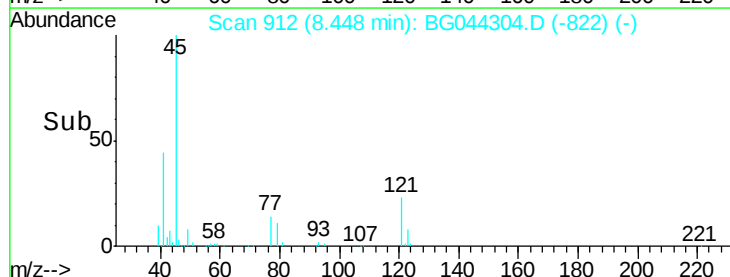
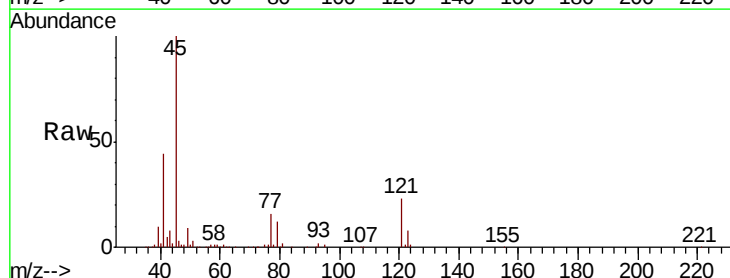
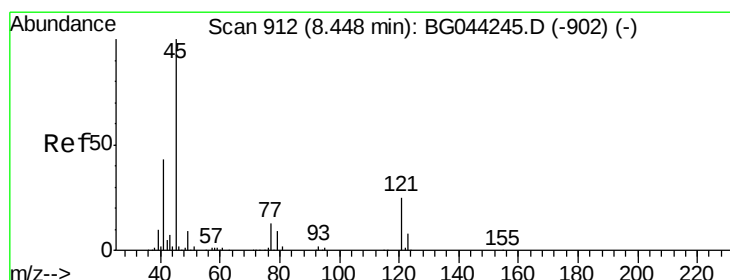
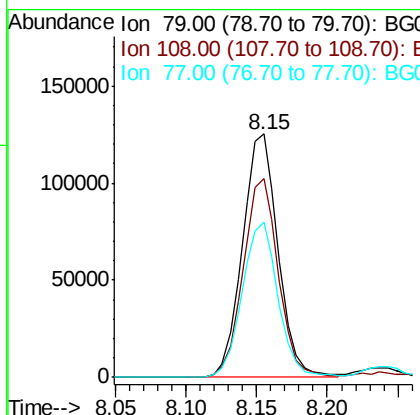
BNA_G

ClientSampleId :

PB126601BSD

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.352 ng

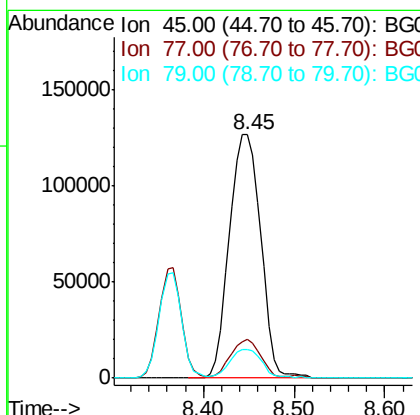
RT: 8.45 min Scan# 912

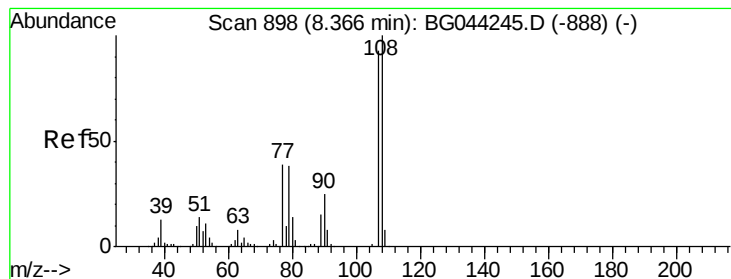
Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	45	Resp:	304991
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.2
79	11.8	0.0	31.1





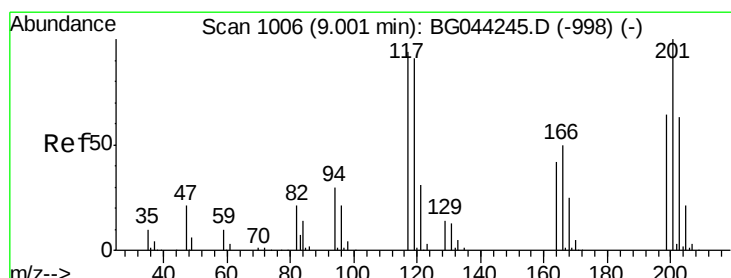
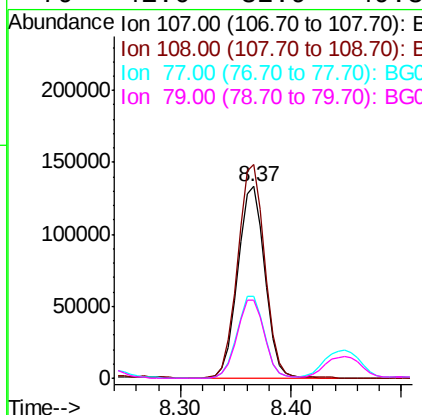
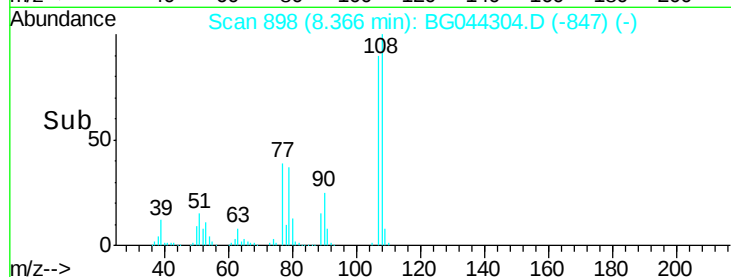
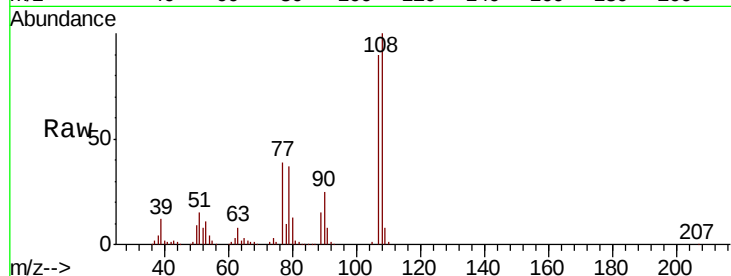
#17
2-Methylphenol
Concen: 50.845 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	107	Resp	231225
Ion Ratio	Lower	Upper	
107	100		
108	111.6	86.4	129.6
77	43.1	34.0	51.0
79	41.0	32.9	49.3

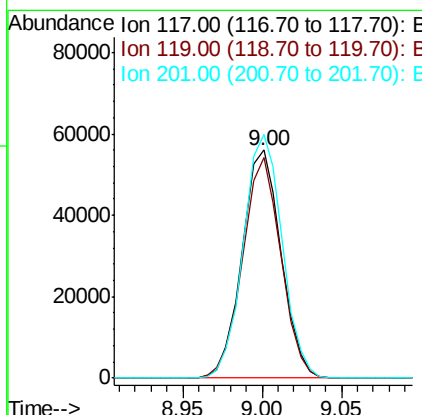
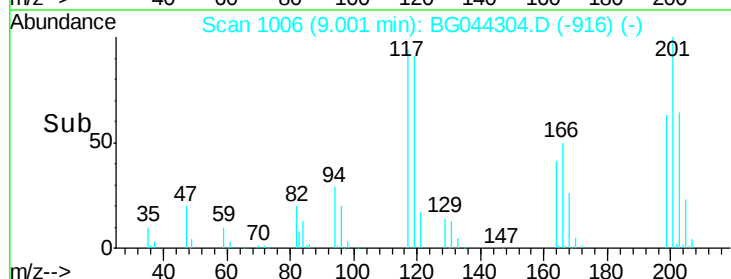
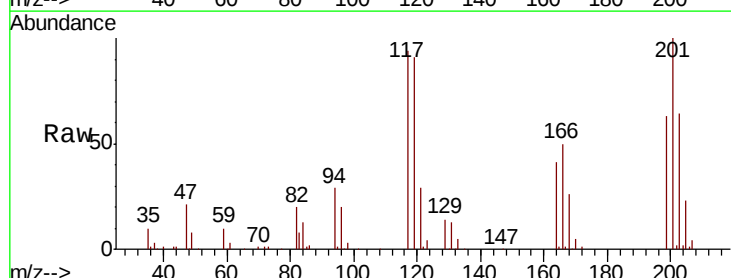
Manual Integrations
APPROVED

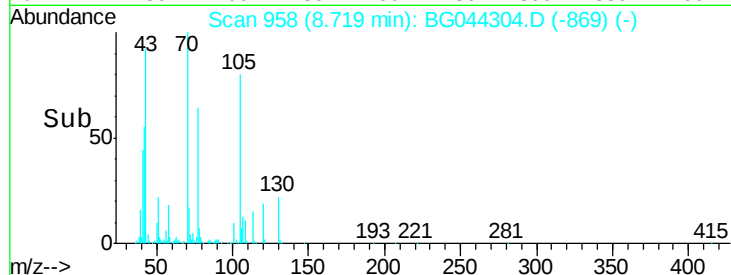
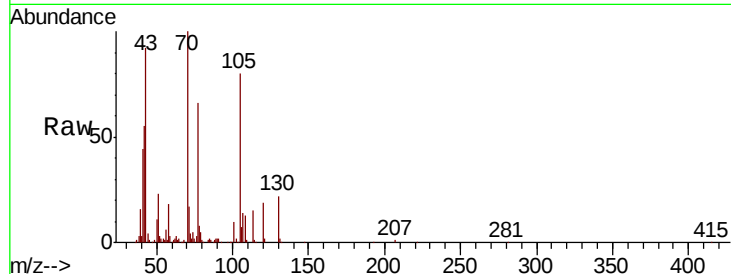
mohammad
2/6/2020 2:19:24 PM



#18
Hexachloroethane
Concen: 40.907 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	117	Resp	95684
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.5	116.3
201	106.8	84.9	127.3





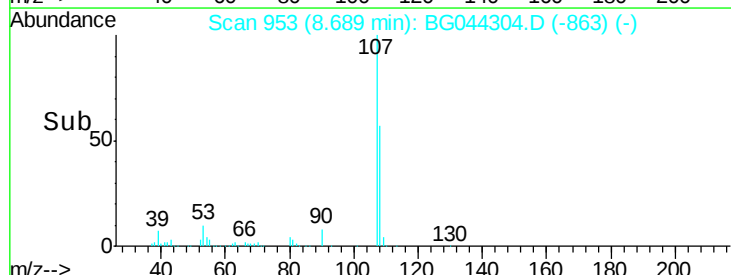
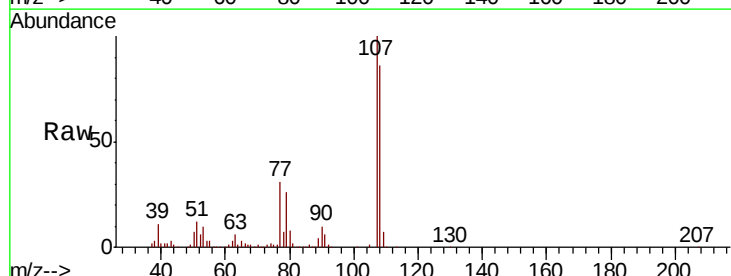
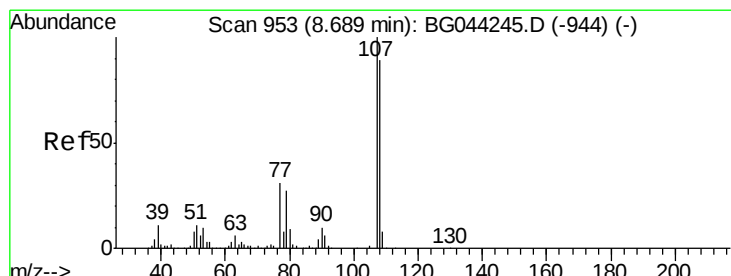
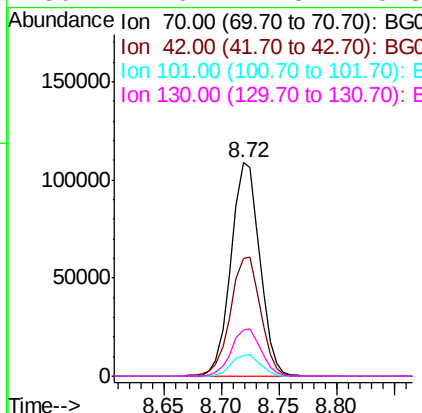
#19
n-Nitroso-di-n-propylamine
Concen: 43.907 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		188461		
42	54.9	46.2	69.2		
101	9.5	8.4	12.6		
130	21.6	17.8	26.8		

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

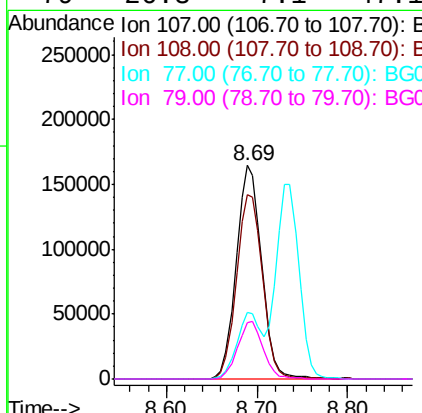
Manual Integrations
APPROVED

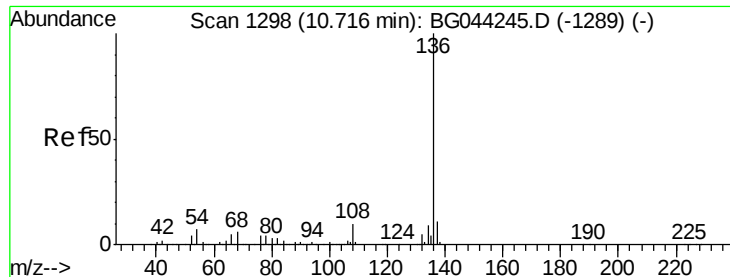
mohammad
2/6/2020 2:19:24 PM



#20
3+4-Methylphenols
Concen: 50.981 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		319520		
108	86.4	68.5	108.5		
77	31.0	10.9	50.9		
79	26.3	7.1	47.1		





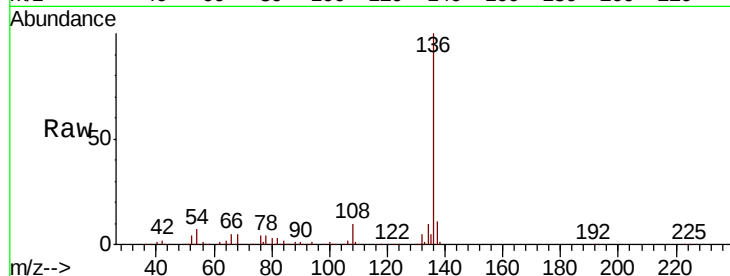
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	380694		
137	11.2		8.8	13.2
54	7.3		5.8	8.8
68	5.4		4.6	6.8

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



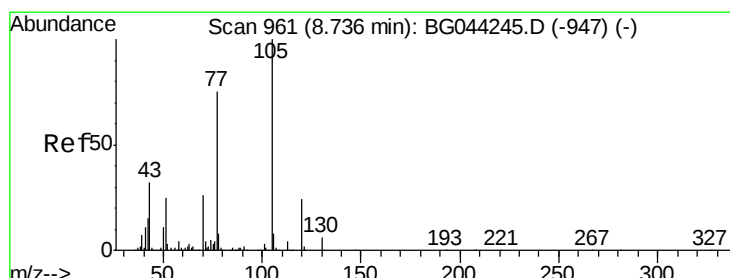
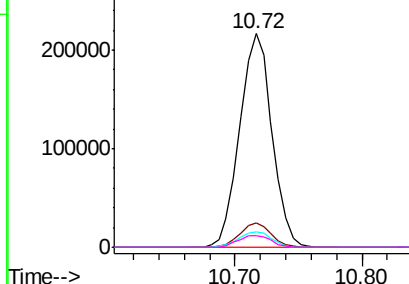
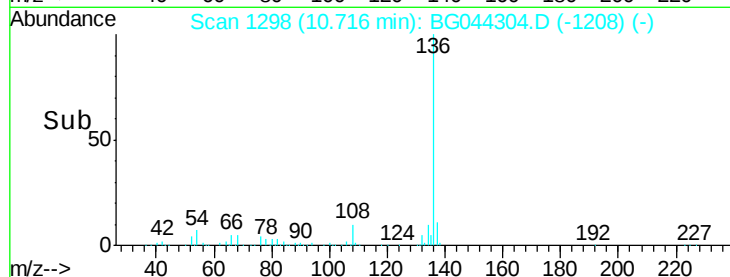
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

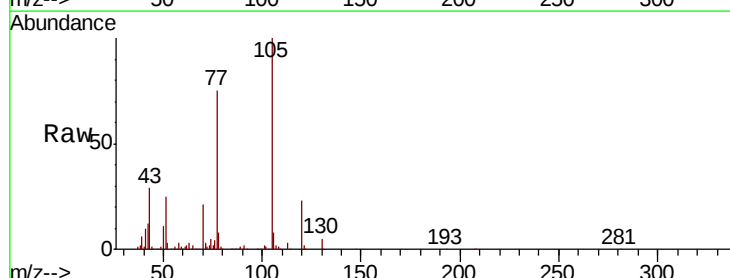
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.545 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356967		
71	3.3		3.4	5.0#
51	24.5		20.2	30.4
120	23.0		19.1	28.7



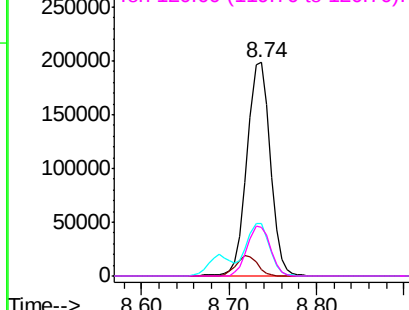
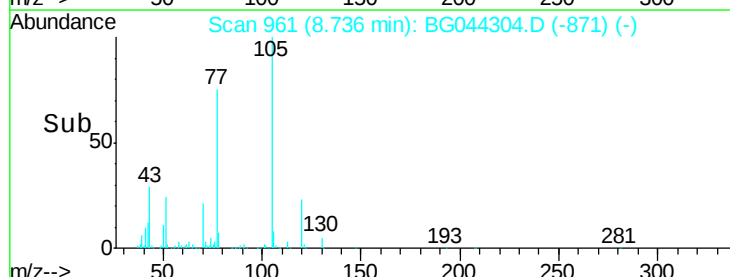
Abundance

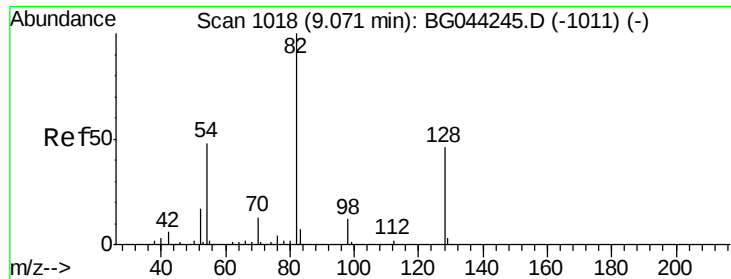
Ion 105.00 (104.70 to 105.70): E

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





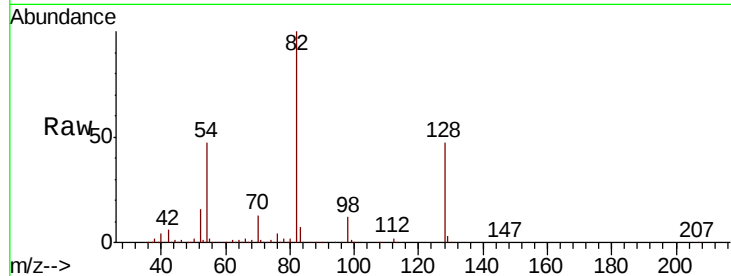
#23
 Nitrobenzene-d5
 Concen: 74.098 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

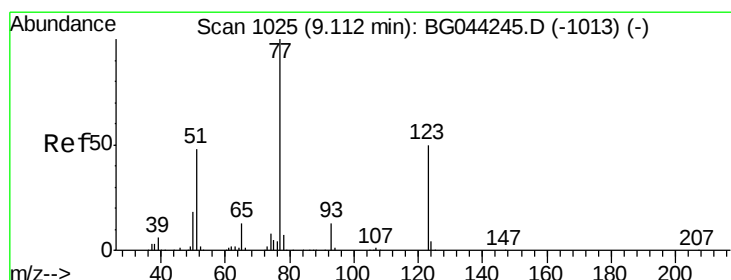
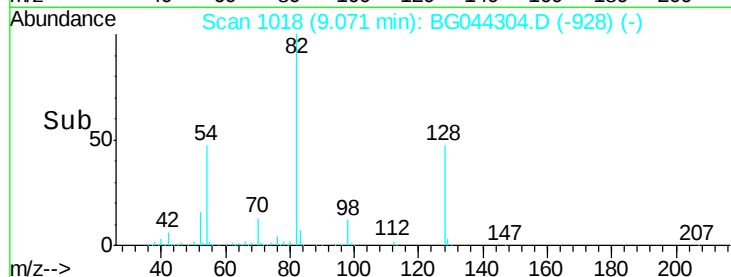
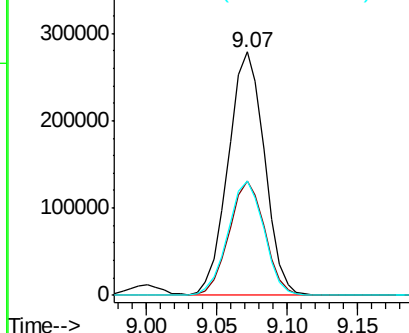
Tot Ion	Ratio	Resp	Lower	Upper
82	100	499653		
128	47.2		36.5	54.7
54	47.1		38.6	58.0

Manual Integrations
 APPROVED

mohammad
 2/6/2020 2:19:24 PM



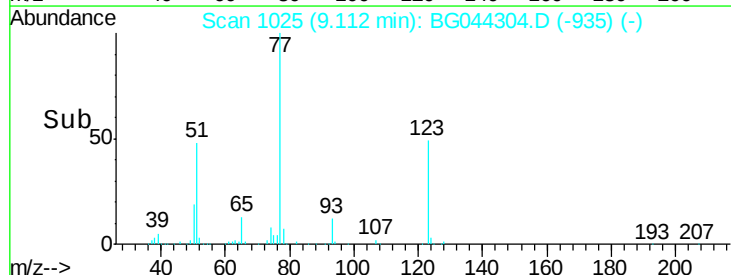
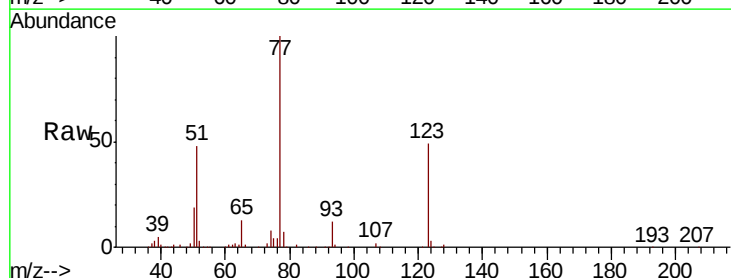
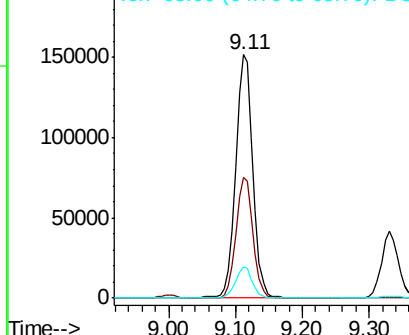
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 41.383 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	272424		
123	49.4		39.9	59.9
65	12.8		10.4	15.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.795 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

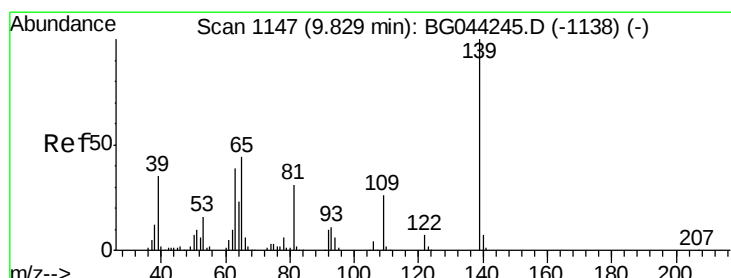
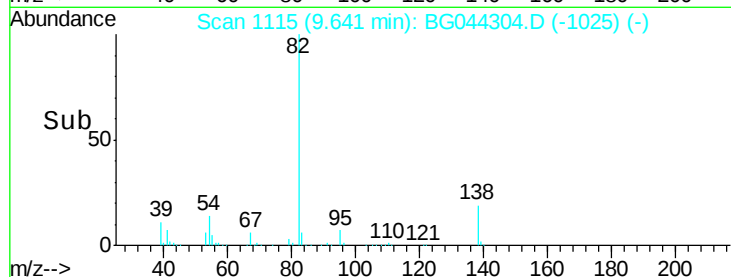
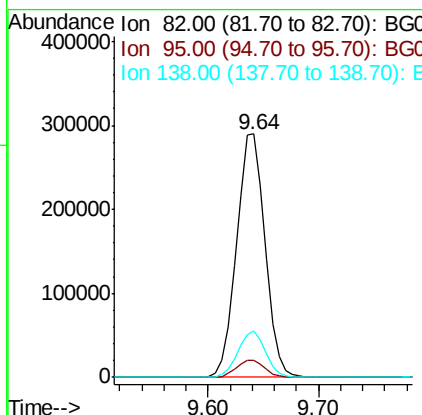
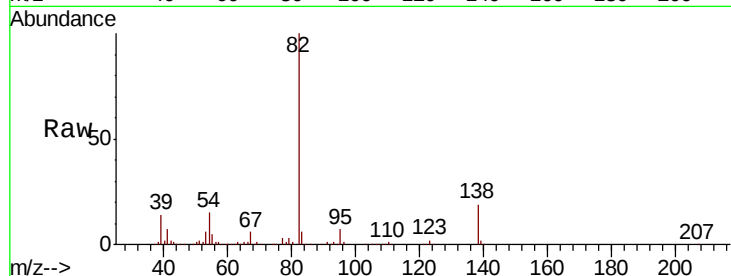
ClientSampleId :

PB126601BSD

Tot Ion:	82	Resp:	525295
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	19.1	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#26

2-Nitrophenol

Concen: 44.773 ng

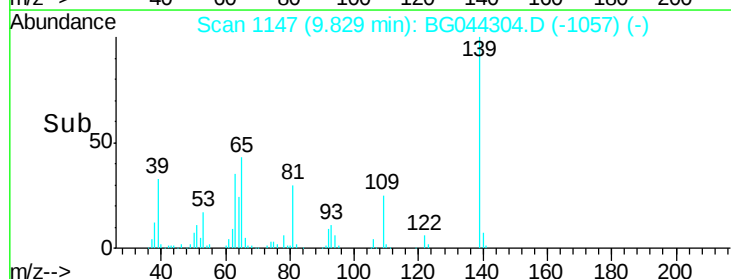
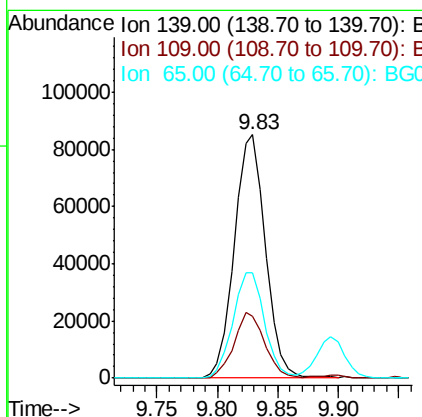
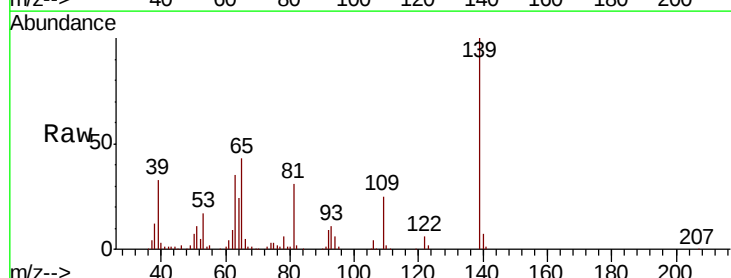
RT: 9.83 min Scan# 1147

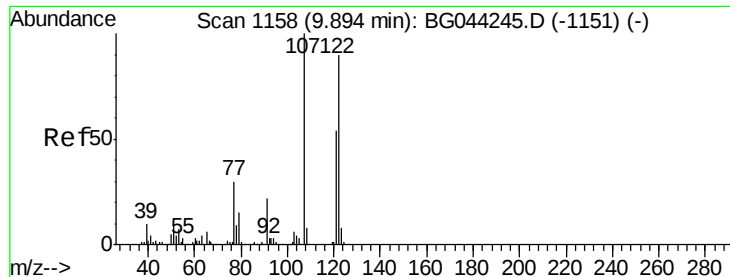
Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	139	Resp:	152936
Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.0	31.4
65	43.3	35.0	52.4





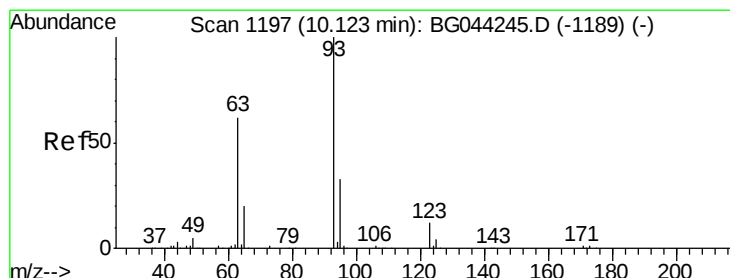
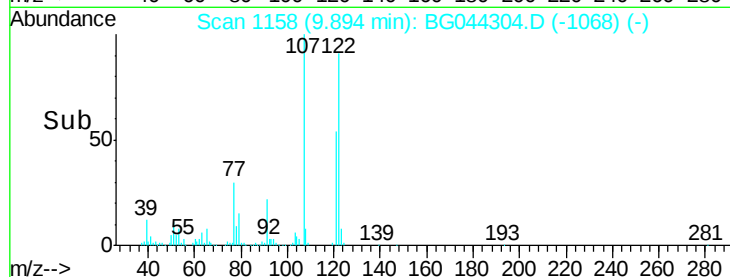
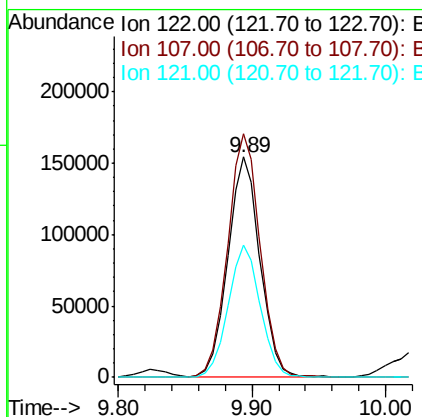
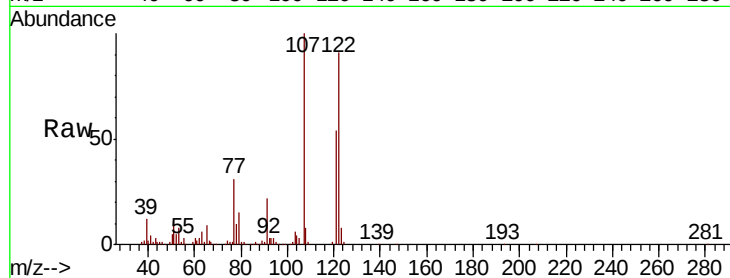
#27
2,4-Dimethylphenol
Concen: 53.270 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	256857		
107	110.4	88.8	133.2	
121	59.8	48.3	72.5	

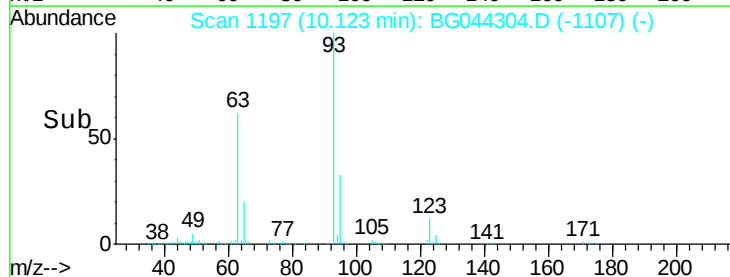
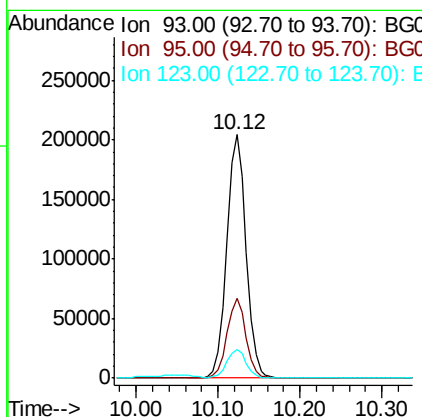
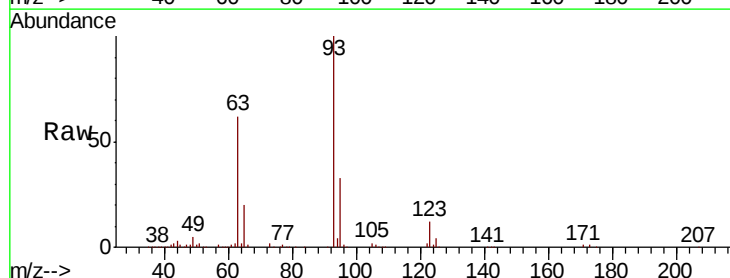
Manual Integrations
APPROVED

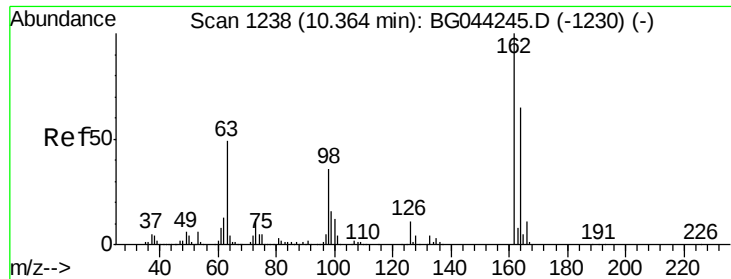
mohammad
2/6/2020 2:19:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.761 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333373		
95	33.0	26.6	40.0	
123	12.0	10.0	15.0	





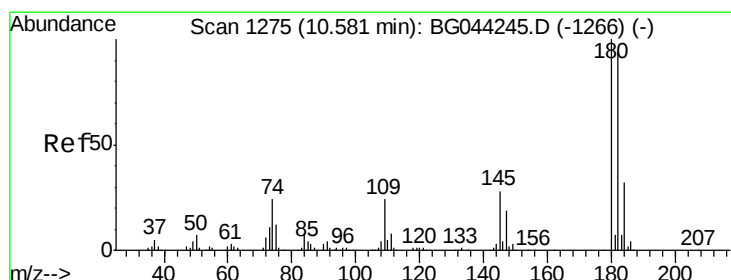
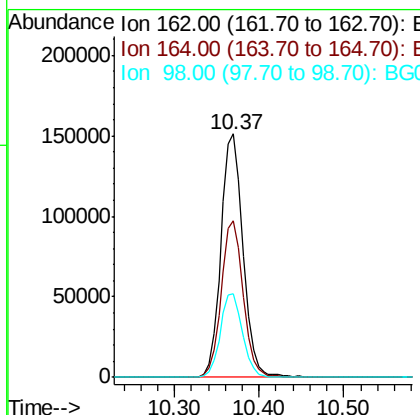
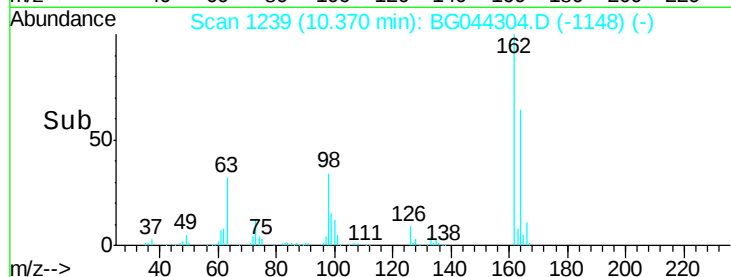
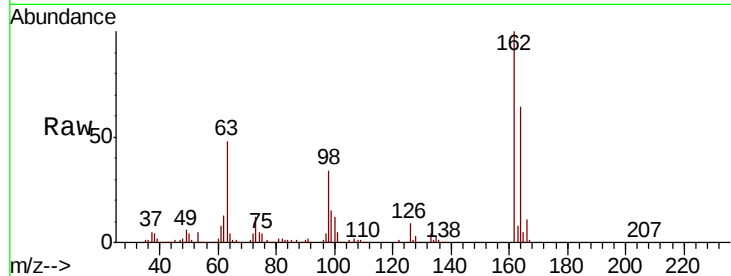
#29
 2,4-Dichlorophenol
 Concen: 46.988 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273957		
164	64.3		44.7	84.7
98	34.3		15.8	55.8

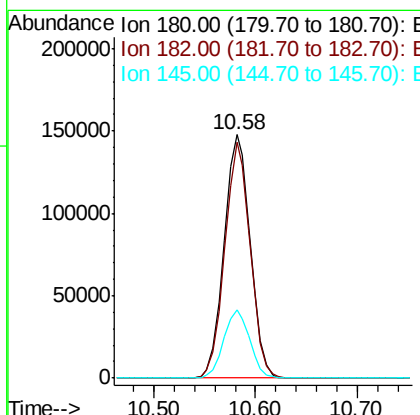
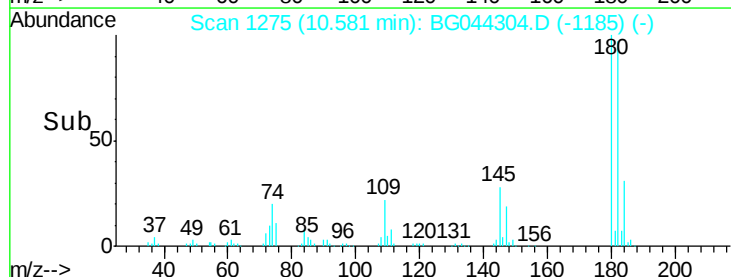
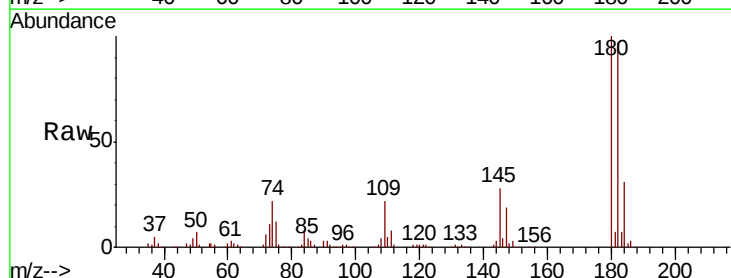
Manual Integrations
 APPROVED

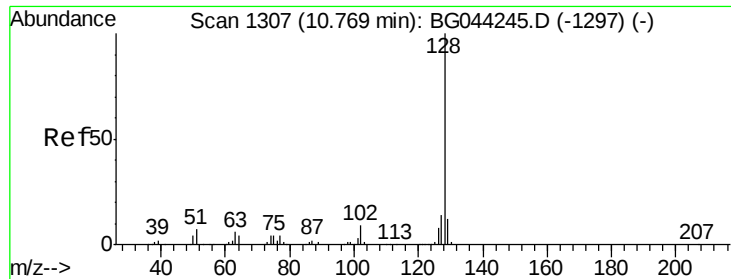
mohammad
 2/6/2020 2:19:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.261 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262477		
182	96.8		75.5	113.3
145	28.2		22.6	34.0





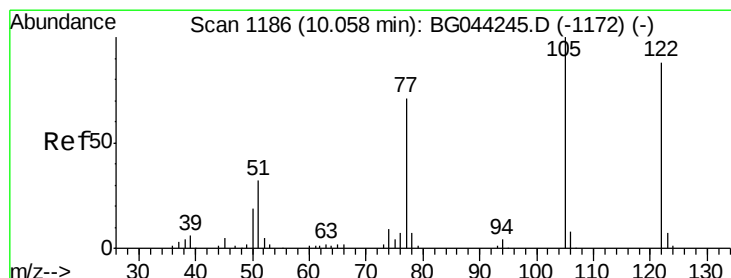
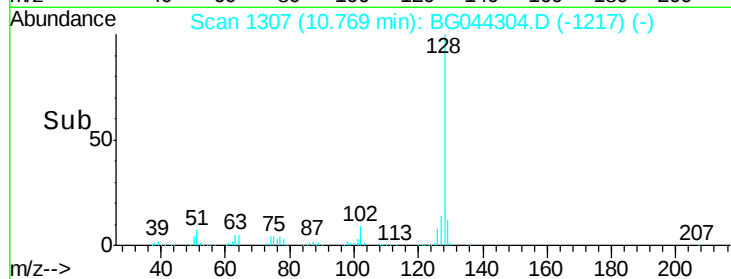
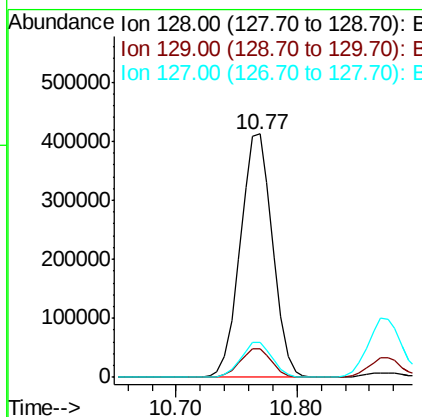
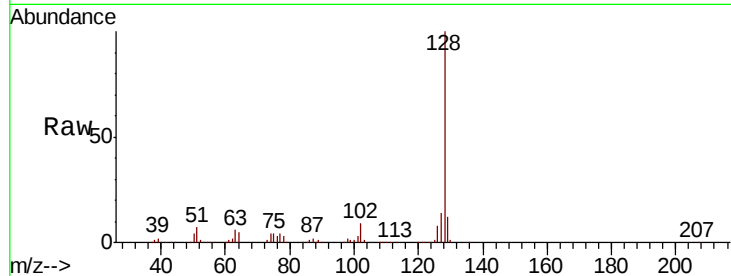
#31
Naphthalene
Concen: 41.518 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.3	11.6	17.4

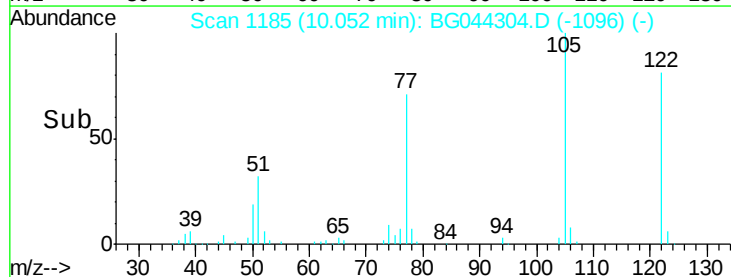
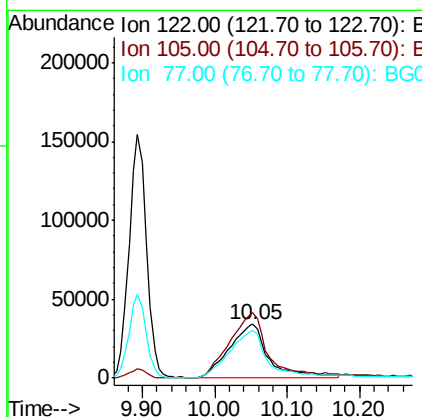
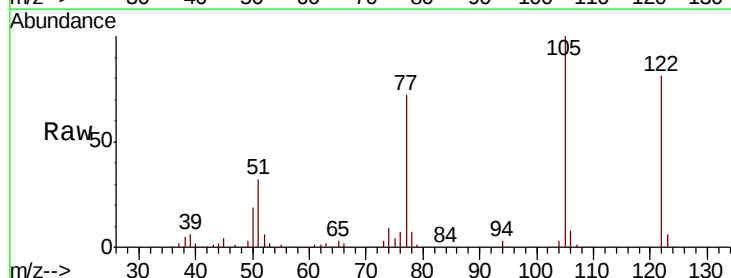
Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#32
Benzoic acid
Concen: 41.622 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	93.5	133.5
77	88.5	61.0	101.0





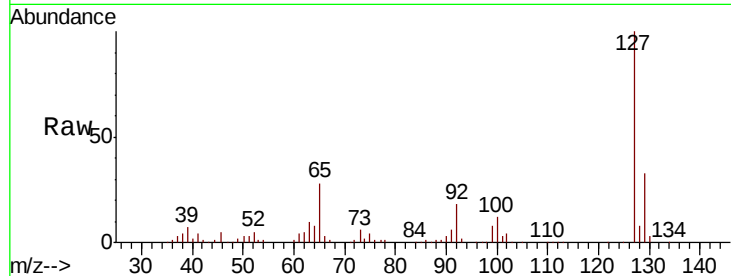
#33
4-Chloroaniline
Concen: 23.955 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	40.0		
65	28.1	22.5	33.7		
92	17.7	14.1	21.1		

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



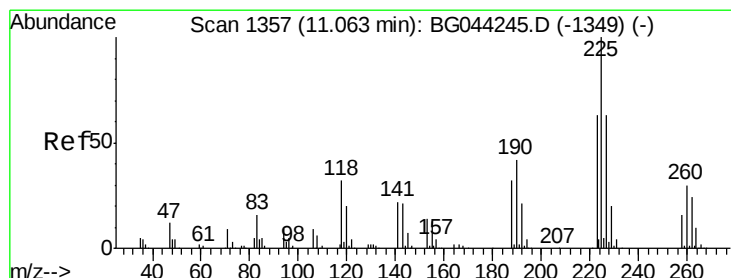
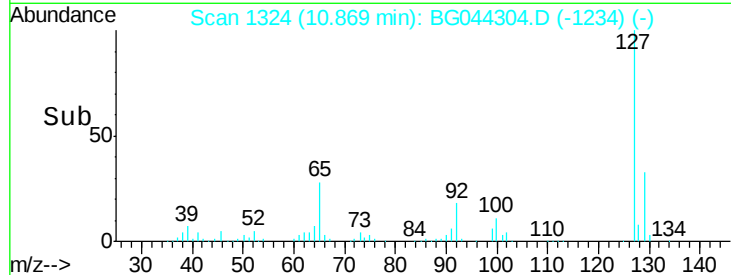
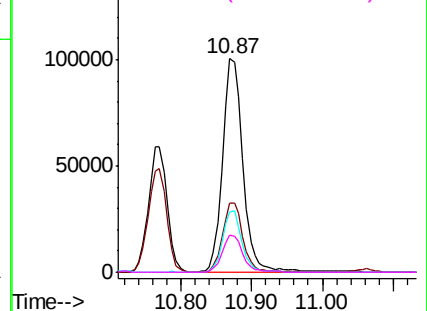
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

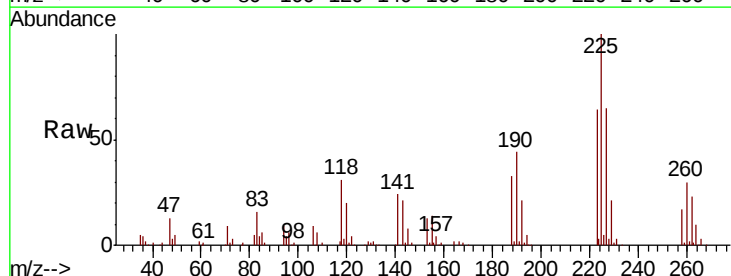
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.954 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.2	75.4		
227	64.7	50.8	76.2		

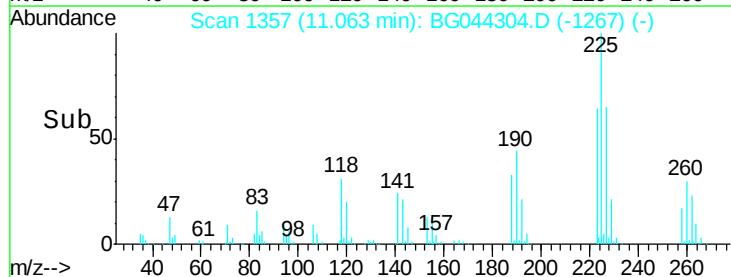
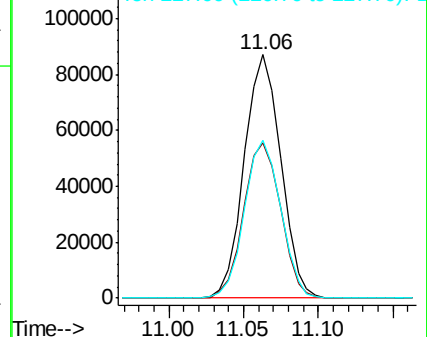


Abundance

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





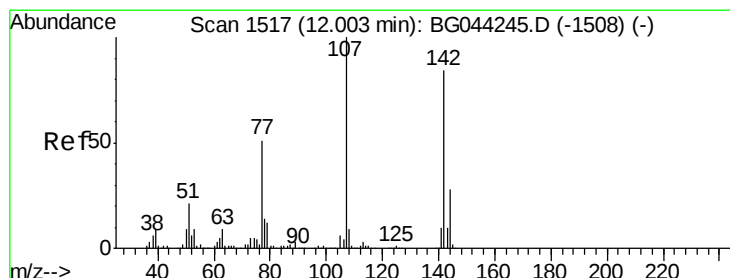
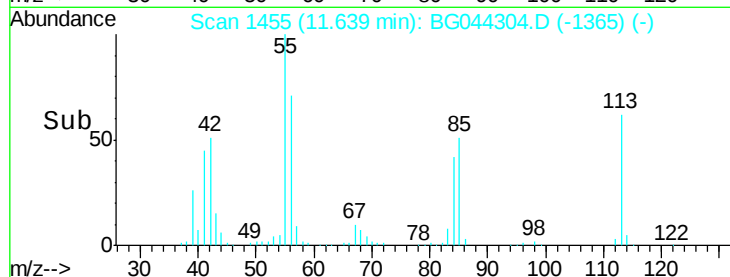
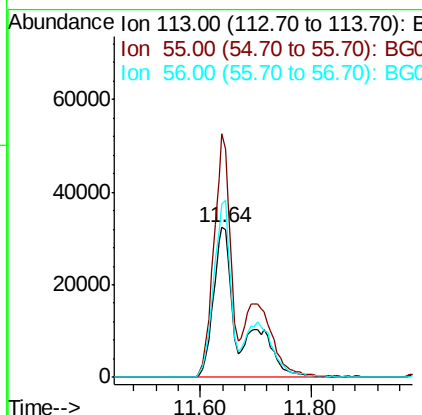
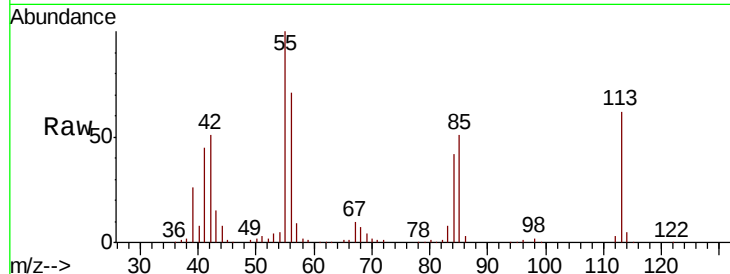
#35
 Caprolactam
 Concen: 50.688 ng/ml
 RT: 11.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.3	129.9	169.9
56	115.8	92.5	132.5

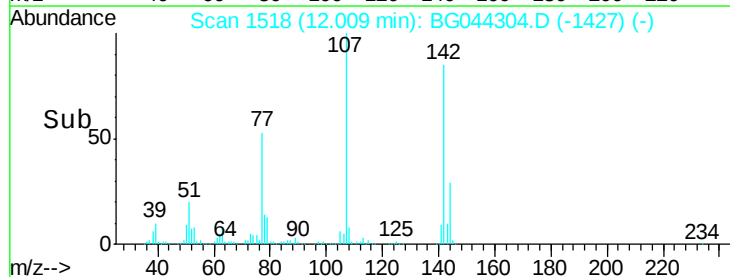
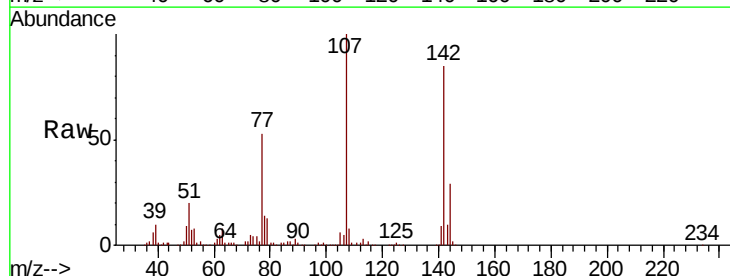
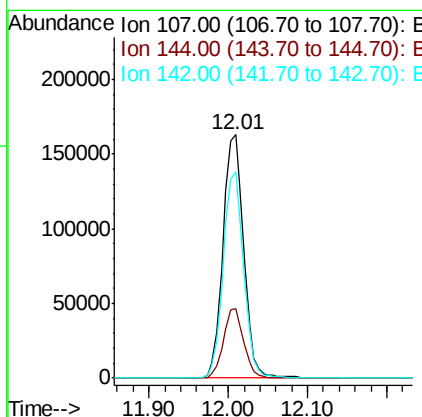
Manual Integrations
 APPROVED

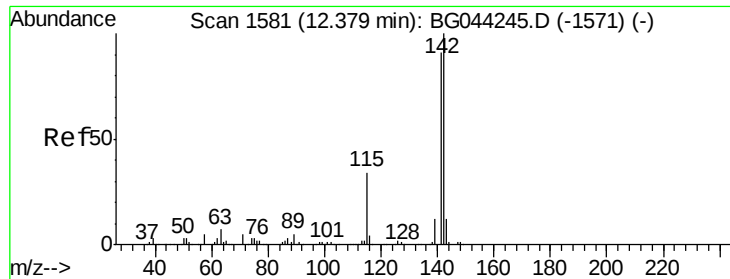
mohammad
 2/6/2020 2:19:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.383 ng/ml
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.2	33.4
142	84.7	67.4	101.0





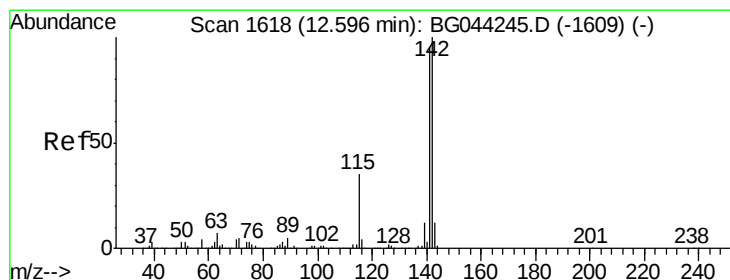
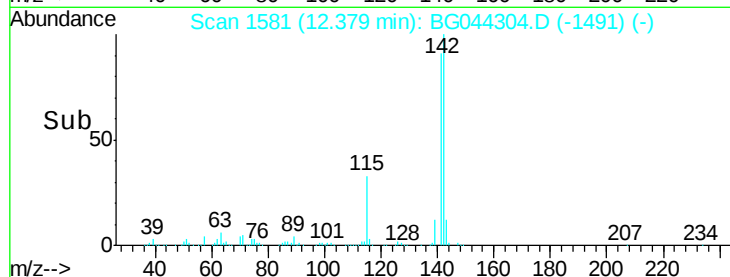
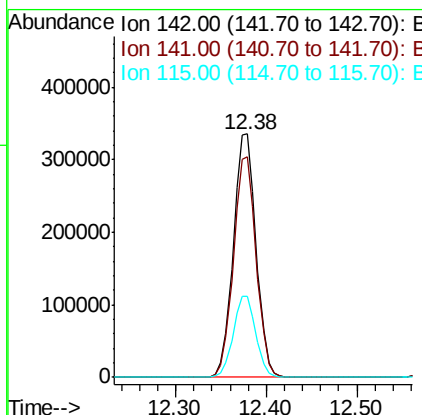
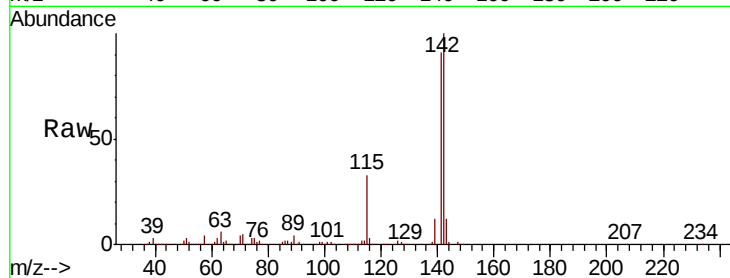
#37
2-Methylnaphthalene
Concen: 42.855 ng
RT: 12.38 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.2	109.8
115	33.3	27.1	40.7

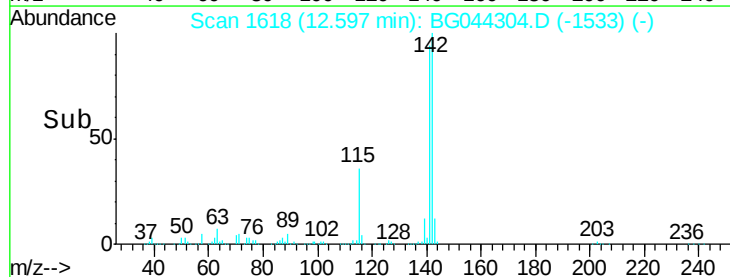
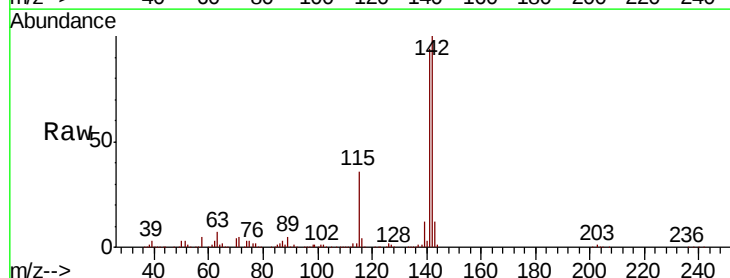
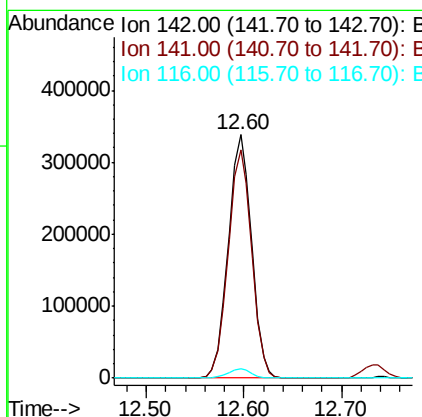
Manual Integrations
APPROVED

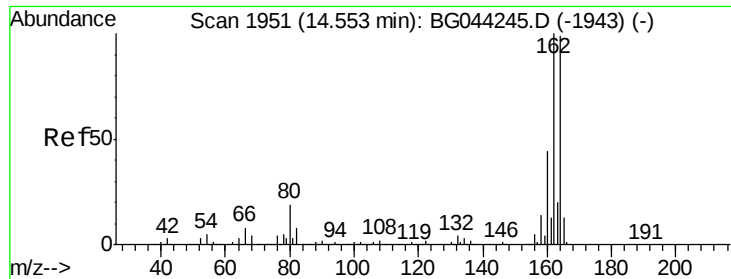
mohammad
2/6/2020 2:19:24 PM



#38
1-Methylnaphthalene
Concen: 43.124 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.8	113.6
116	3.6	3.1	4.7





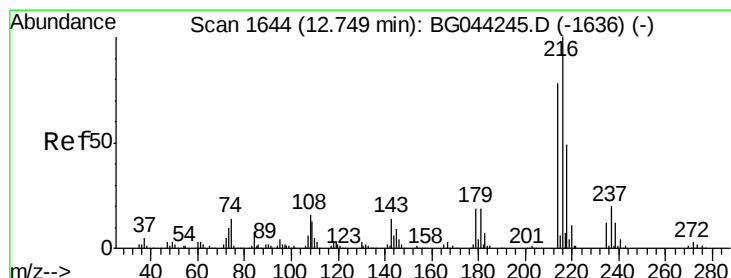
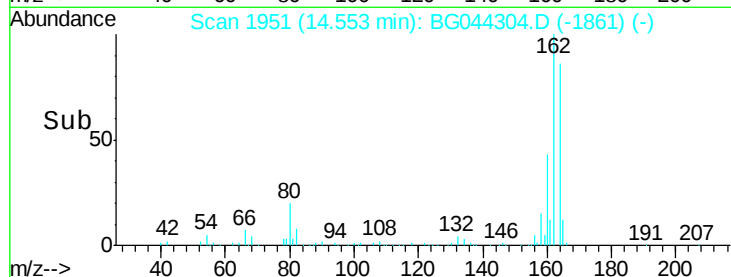
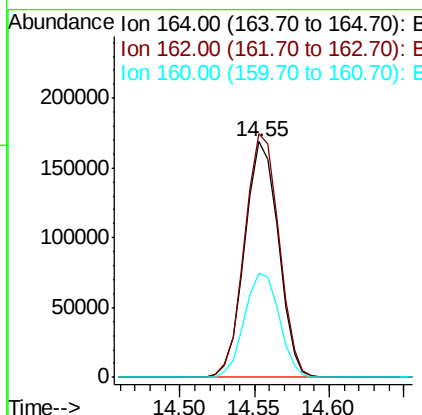
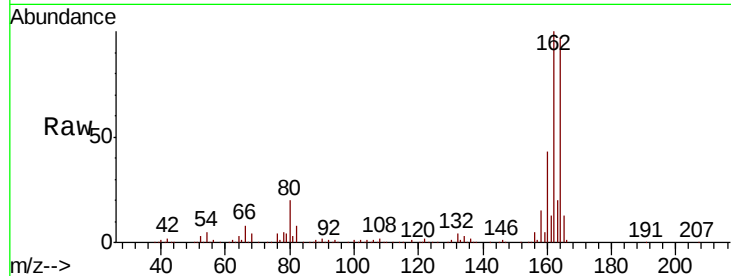
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	264142		
162	103.3	80.7	121.1	
160	44.3	35.3	52.9	

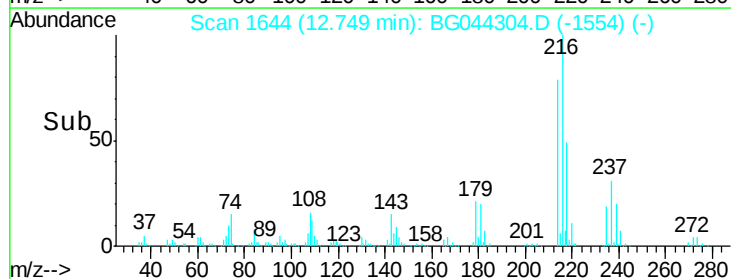
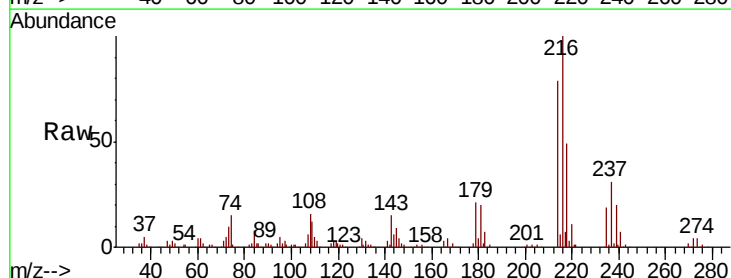
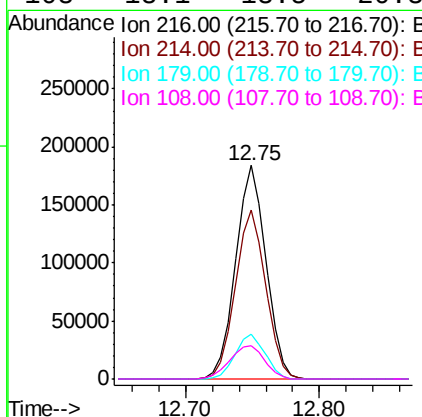
Manual Integrations
APPROVED

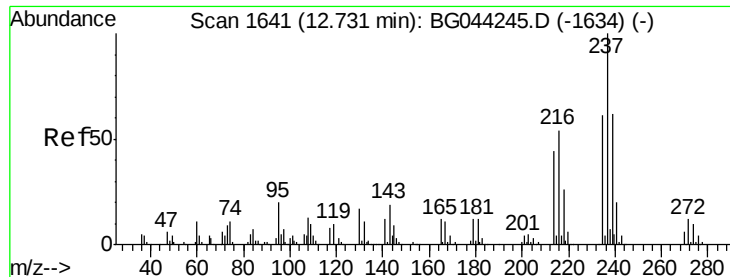
mohammad
2/6/2020 2:19:24 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.612 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	289284		
214	79.3	63.0	94.6	
179	20.9	16.2	24.4	
108	18.1	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 70.335 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

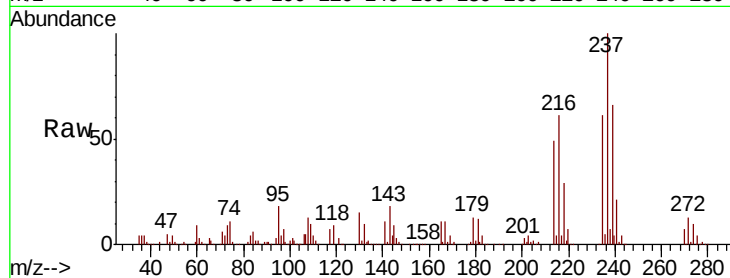
ClientSampleId :

PB126601BSD

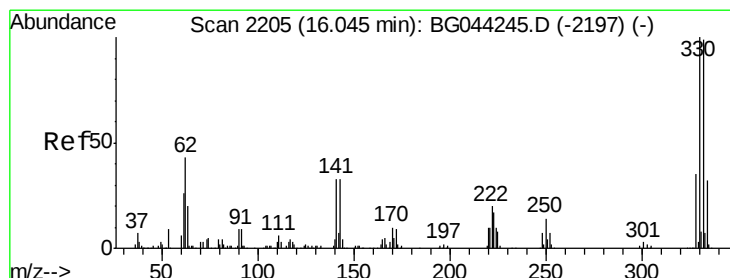
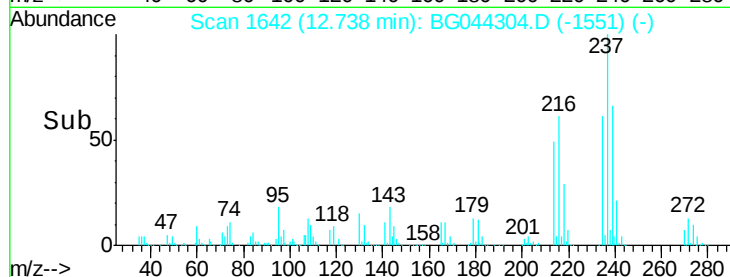
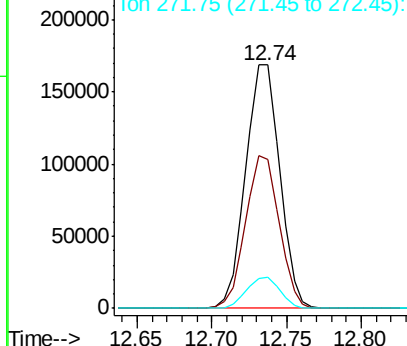
Tot Ion:	237	Resp:	266663
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.2	81.2
272	12.9	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



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



#42

2,4,6-Tribromophenol

Concen: 117.395 ng

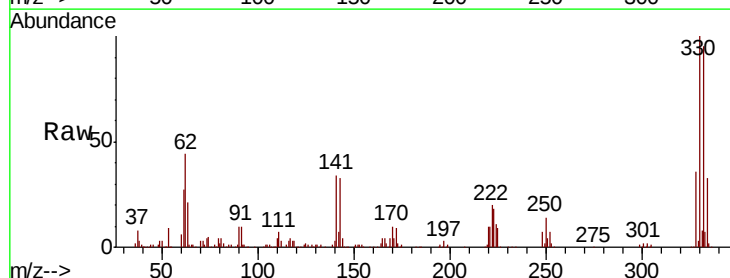
RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

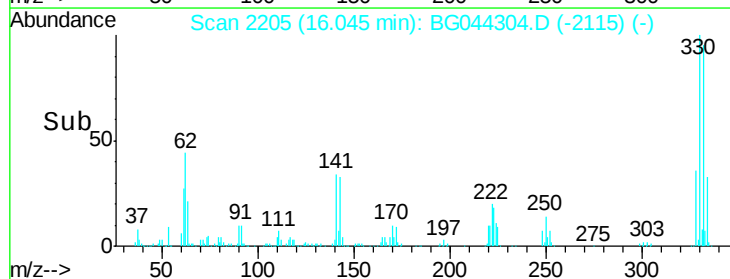
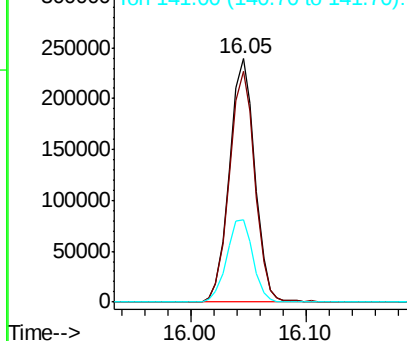
Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	330	Resp:	364026
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.2	115.8
141	35.1	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





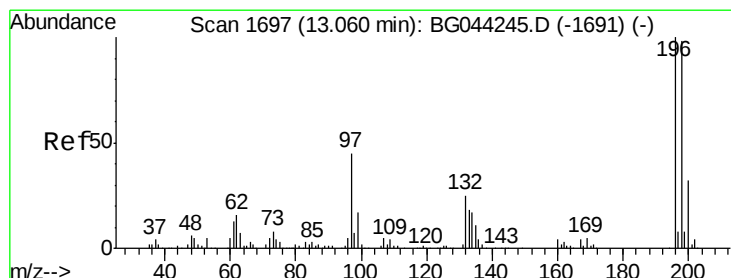
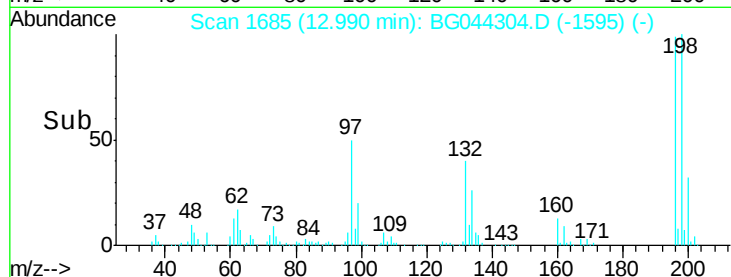
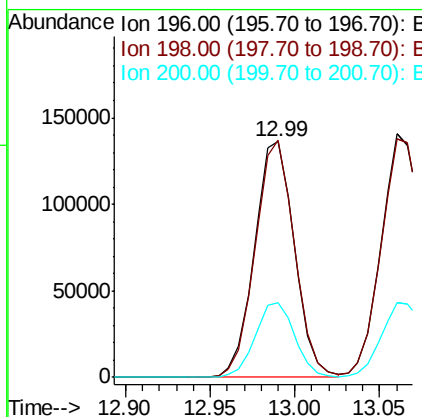
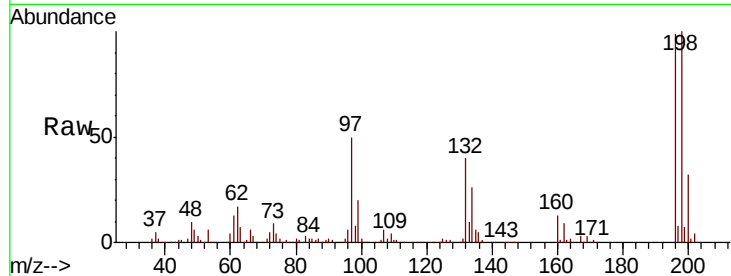
#43
 2,4,6-Trichlorophenol
 Concen: 43.830 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampled :
 PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223850		
198	100.8	79.3	118.9	
200	31.9	25.7	38.5	

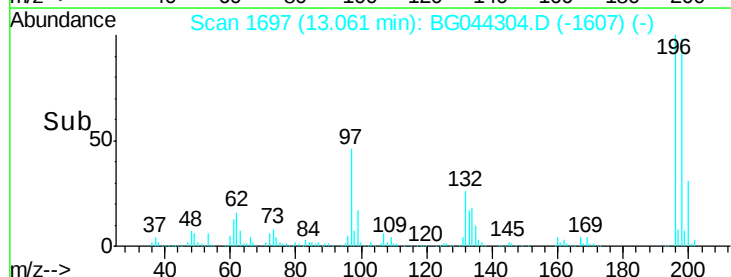
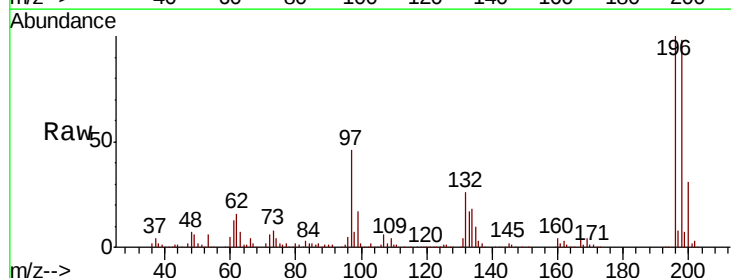
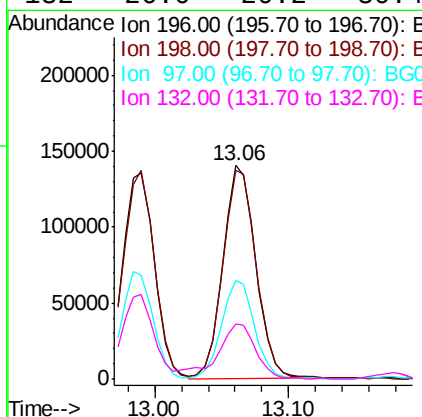
Manual Integrations
 APPROVED

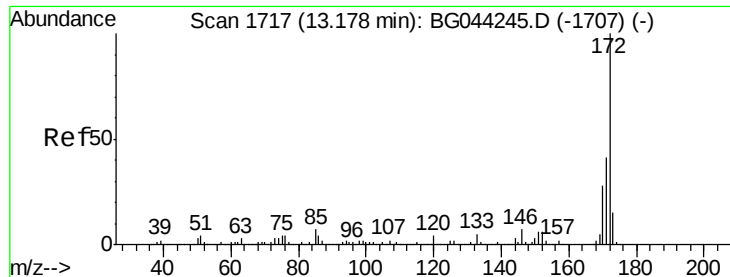
mohammad
 2/6/2020 2:19:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241696		
198	97.7	78.2	117.2	
97	45.9	36.2	54.4	
132	26.0	20.2	30.4	





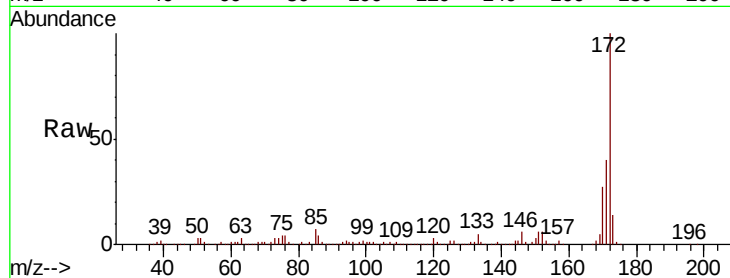
#45
2-Fluorobiphenyl
Concen: 73.845 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.9	49.3
170	26.7	22.0	33.0

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM

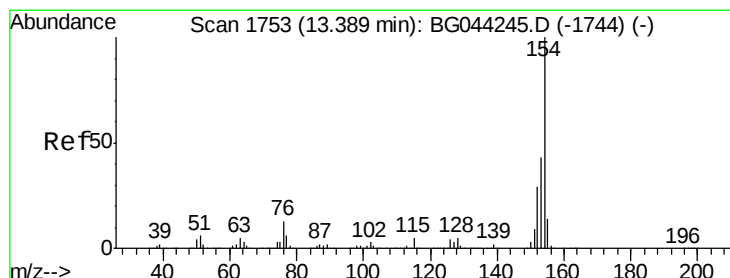
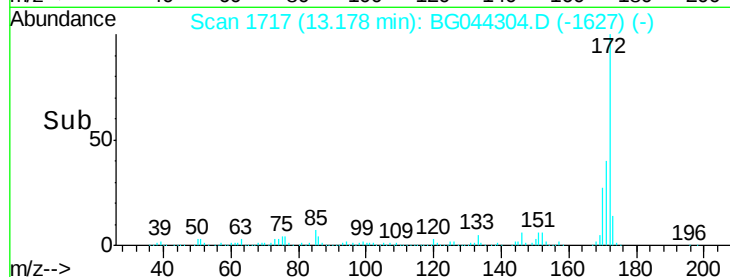
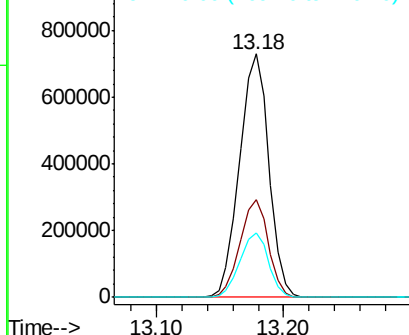


Abundance

Ion 172.00 (171.70 to 172.70): E

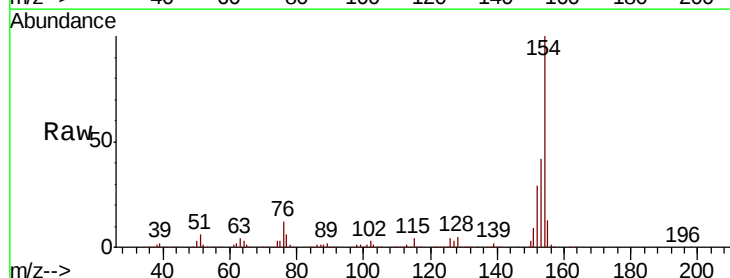
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.533 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.3	0.0	32.9

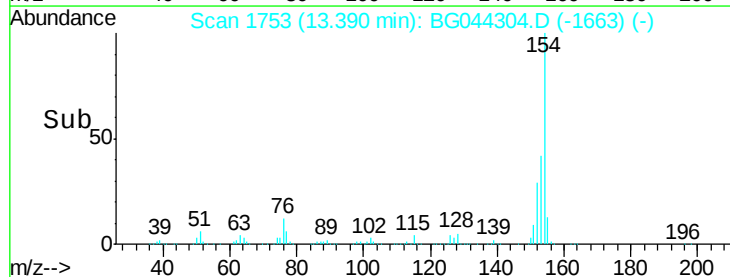
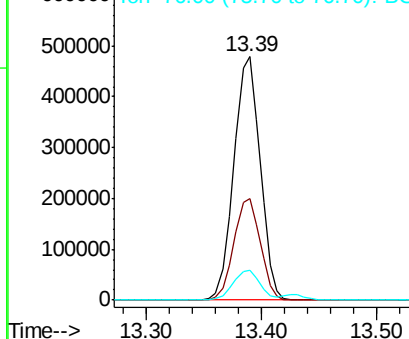


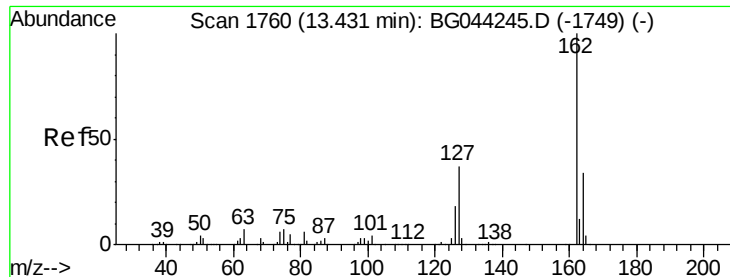
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





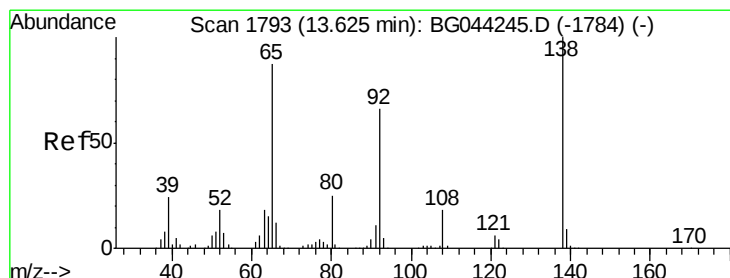
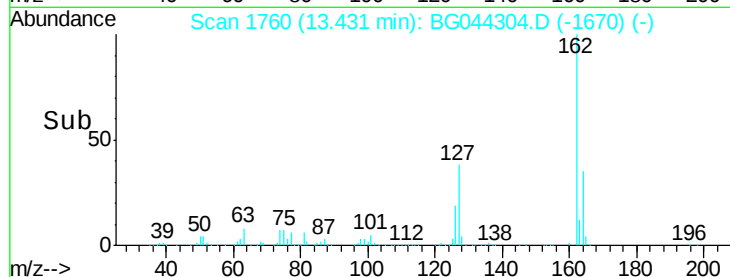
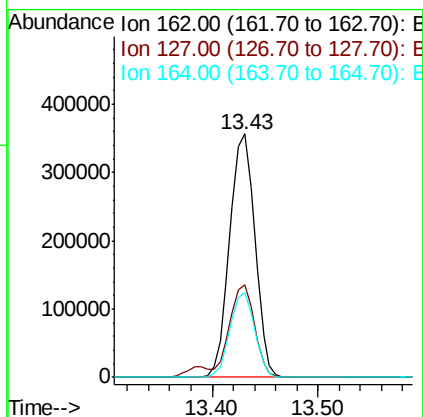
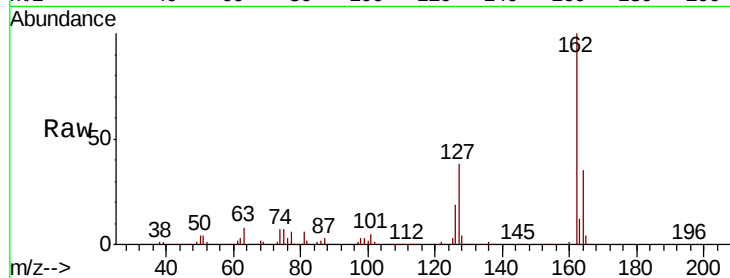
#47
2-Chloronaphthalene
Concen: 38.820 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	30.0	45.0	
164	35.0	27.2	40.8	

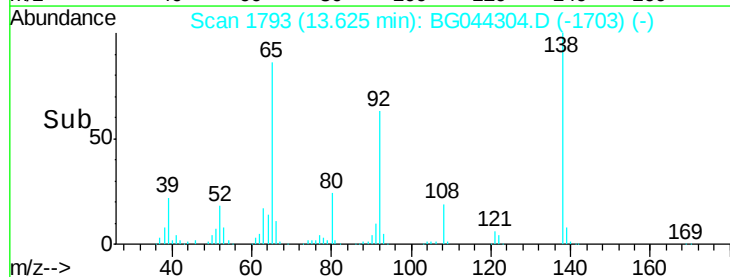
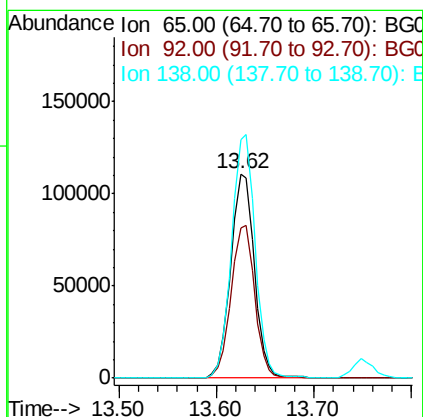
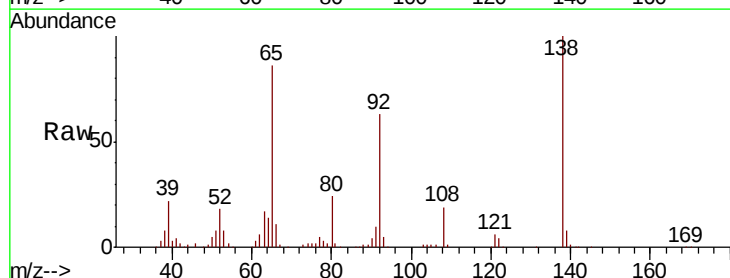
Manual Integrations
APPROVED

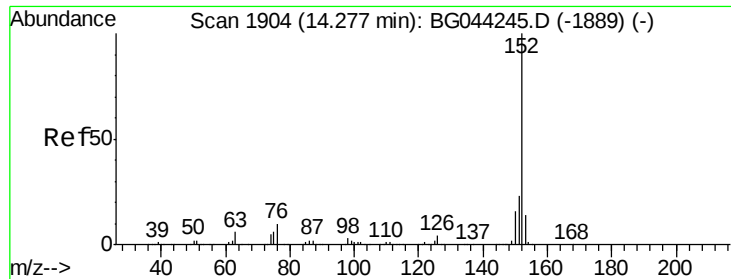
mohammad
2/6/2020 2:19:24 PM



#48
2-Nitroaniline
Concen: 42.096 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.6	60.3	90.5	
138	116.7	91.9	137.9	





#49

Acenaphthylene

Concen: 42.567 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

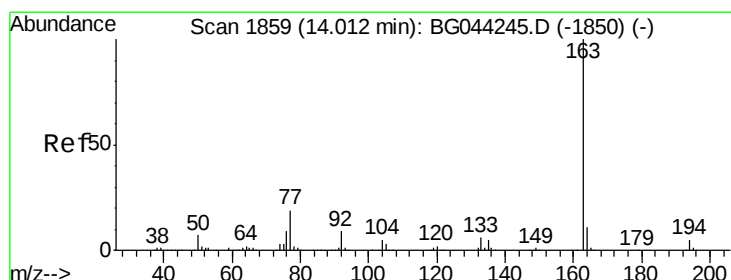
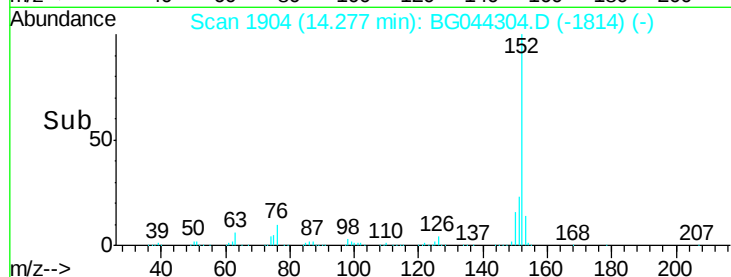
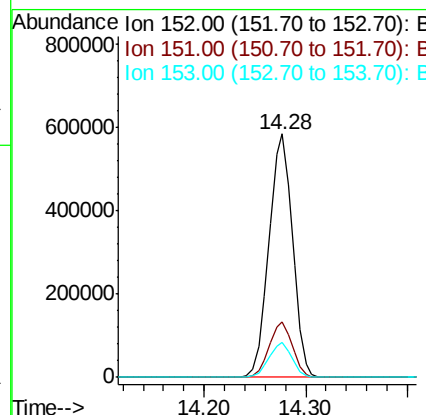
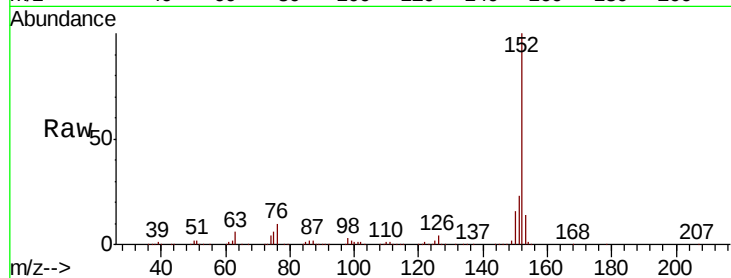
ClientSampleId :

PB126601BSD

Tot Ion:	152	Resp:	946577
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.1	27.1
153	14.3	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#50

Dimethylphthalate

Concen: 41.177 ng

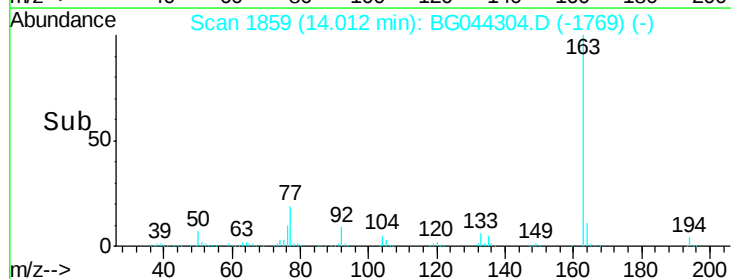
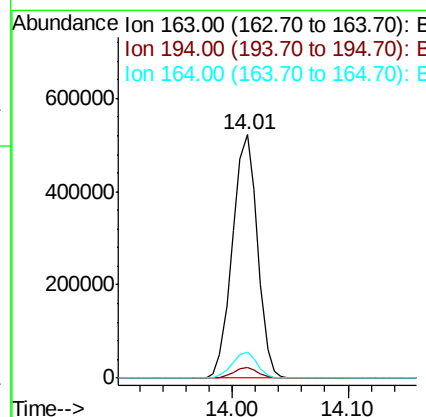
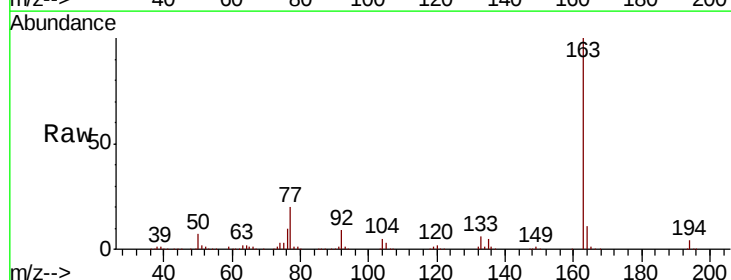
RT: 14.01 min Scan# 1859

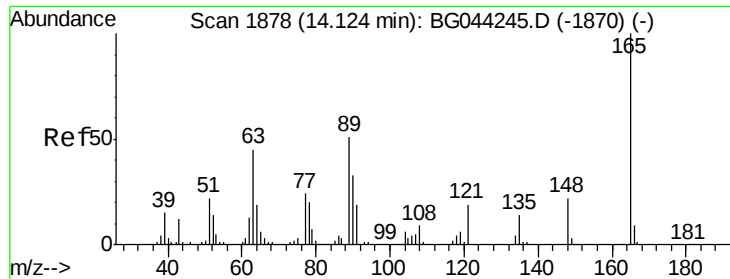
Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion:	163	Resp:	781839
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





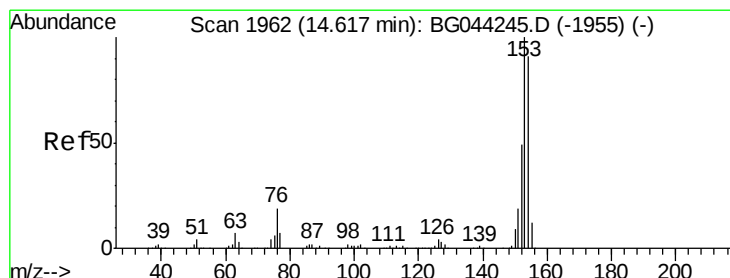
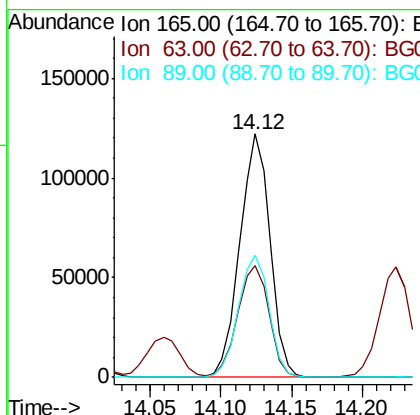
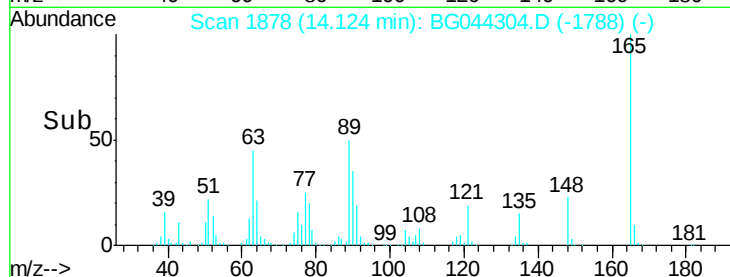
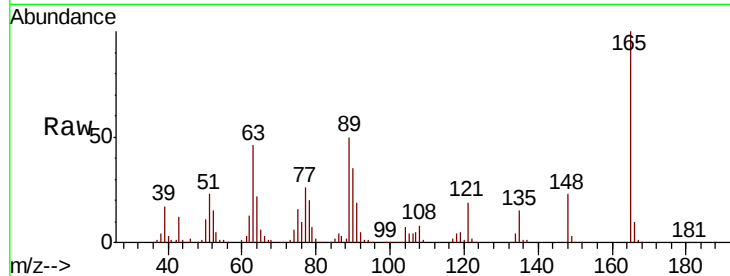
#51
2,6-Dinitrotoluene
Concen: 43.101 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	38.7	58.1
89	50.2	40.4	60.6

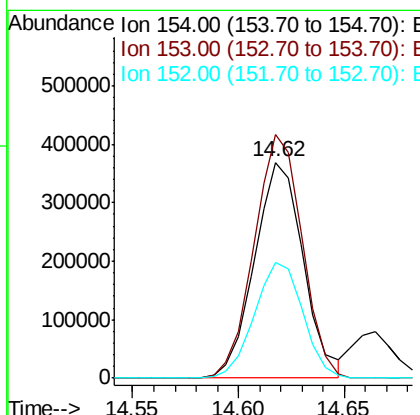
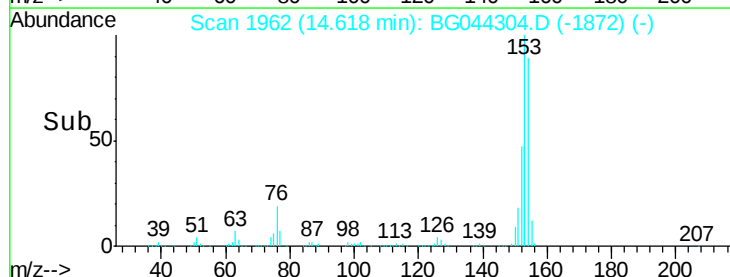
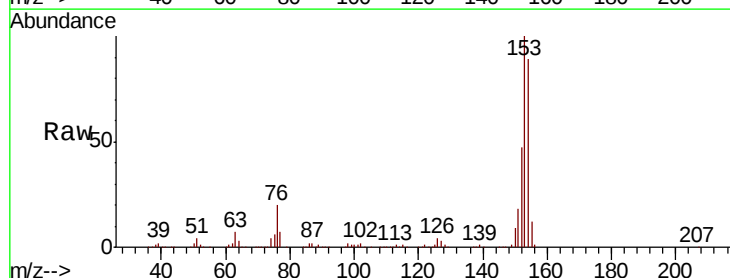
Manual Integrations
APPROVED

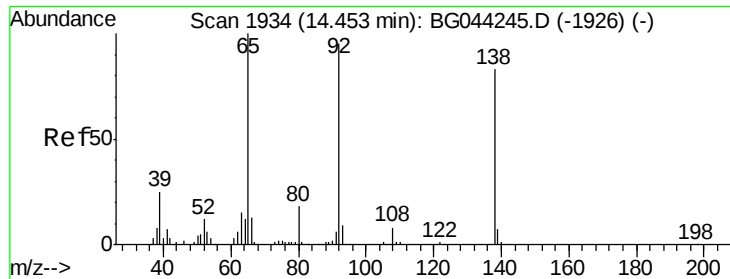
mohammad
2/6/2020 2:19:24 PM



#52
Acenaphthene
Concen: 41.133 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.9	131.9
152	53.6	43.1	64.7





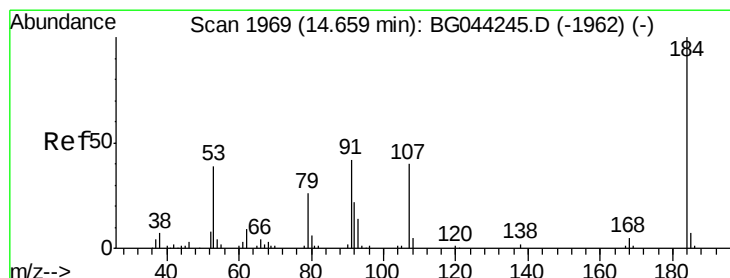
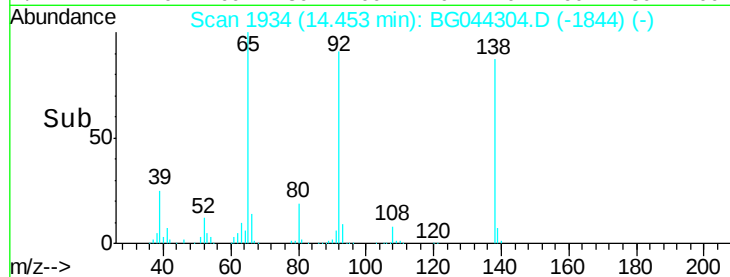
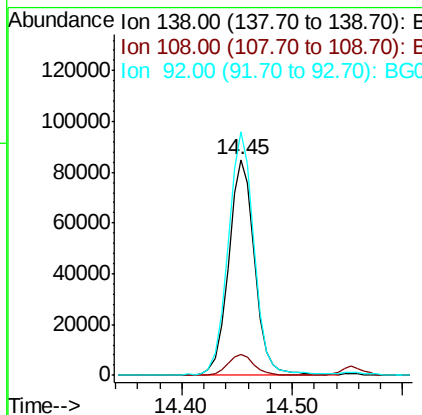
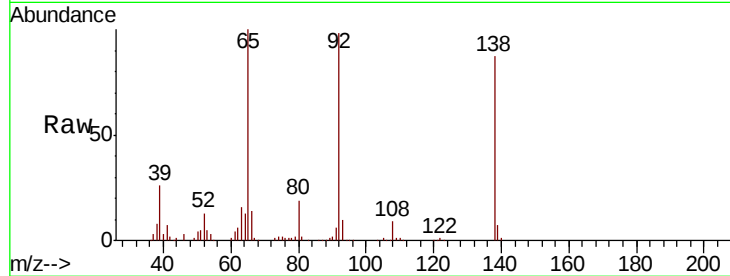
#53
3-Nitroaniline
Concen: 29.976 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	140402		
108	9.9	7.9	11.9	
92	113.0	91.0	136.4	

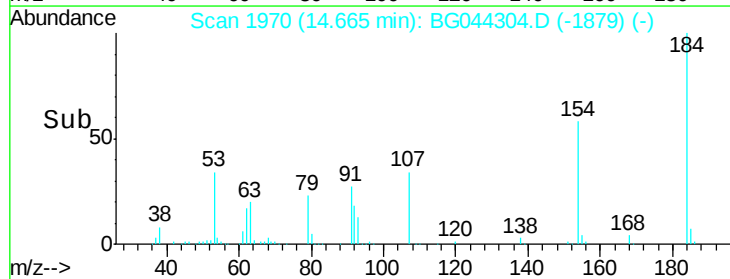
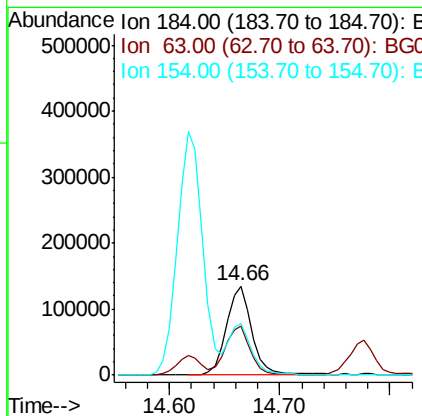
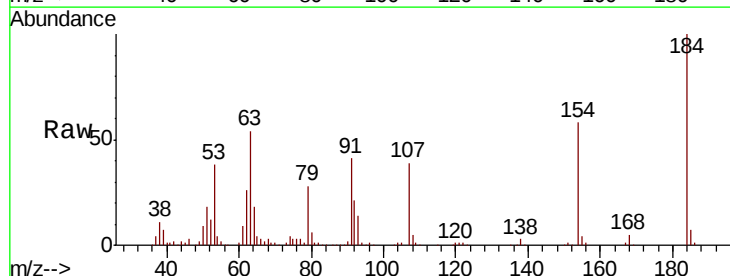
Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#54
2,4-Dinitrophenol
Concen: 86.832 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	219627		
63	54.3	44.1	66.1	
154	58.1	45.4	68.0	





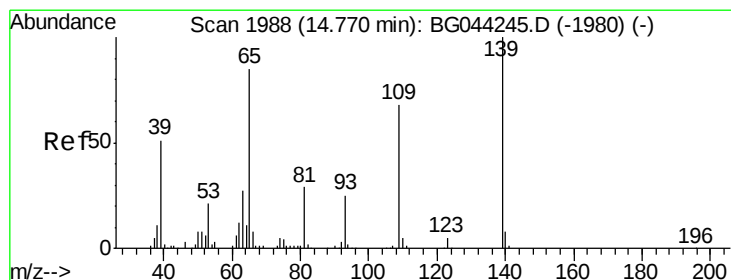
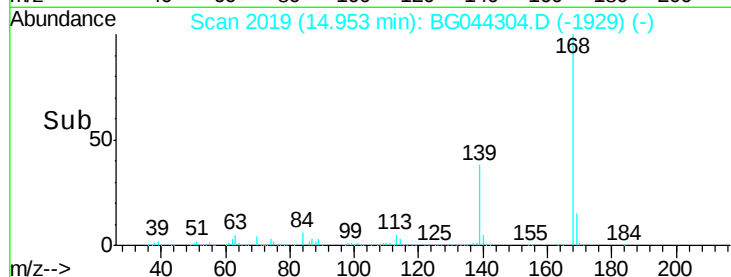
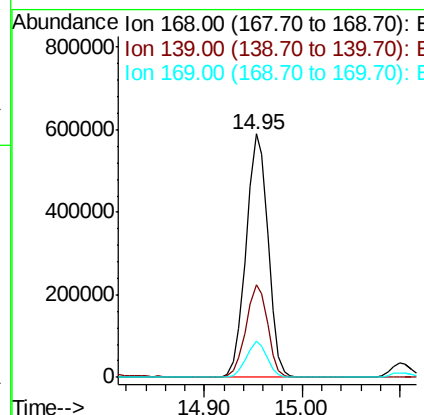
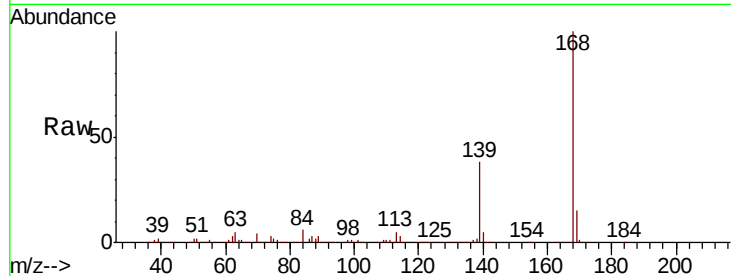
#55
Dibenzenofuran
Concen: 42.311 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

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

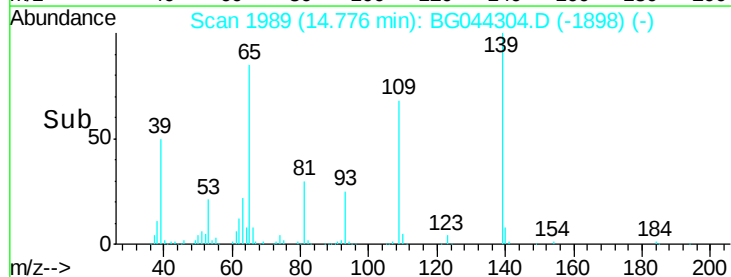
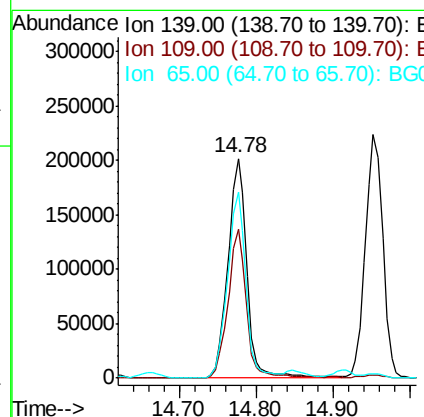
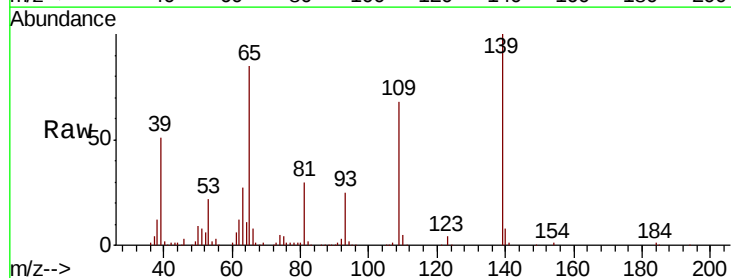
Manual Integrations
APPROVED

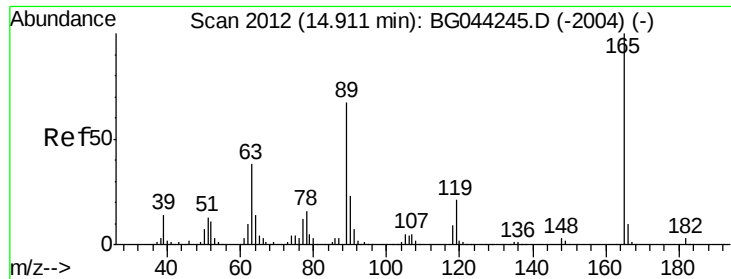
mohammad
2/6/2020 2:19:24 PM



#56
4-Nitrophenol
Concen: 101.042 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	47.5	87.5
65	85.0	64.9	104.9





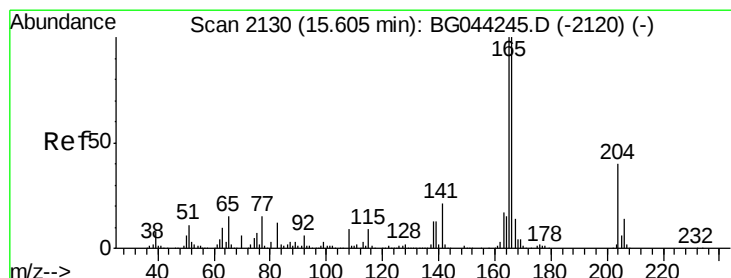
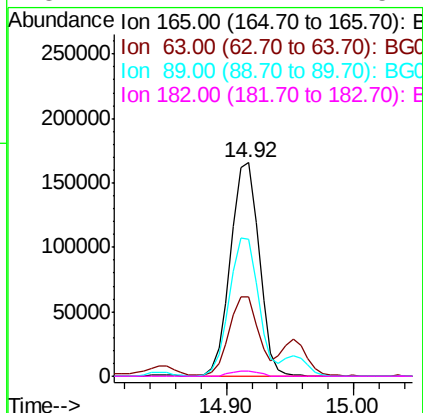
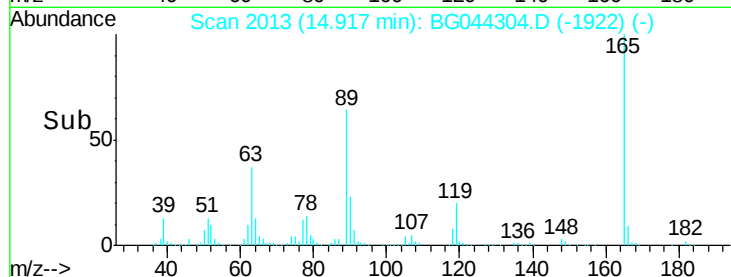
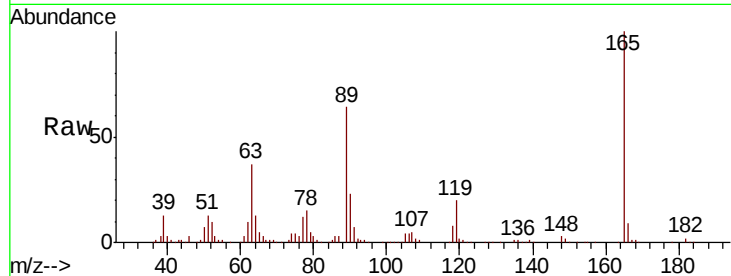
#57
2,4-Dinitrotoluene
Concen: 43.599 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258697		
63	36.9		30.3	45.5
89	64.3		53.4	80.2
182	2.4		2.1	3.1

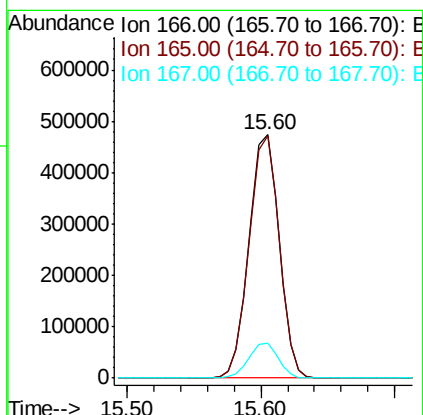
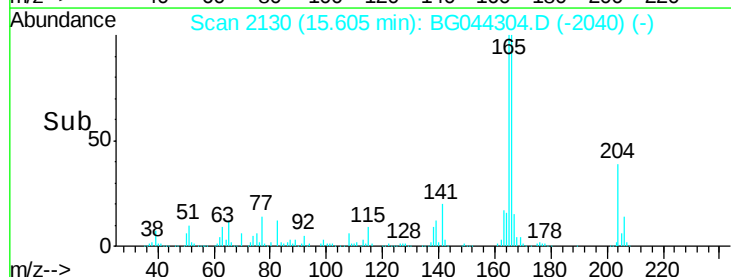
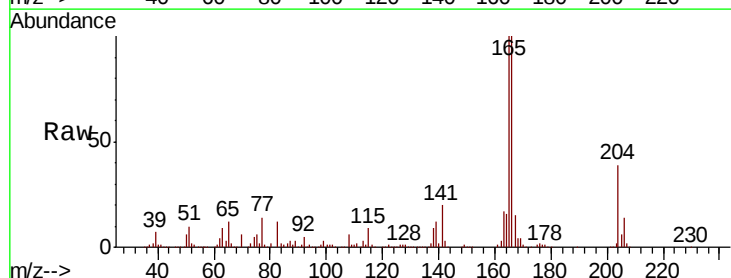
Manual Integrations
APPROVED

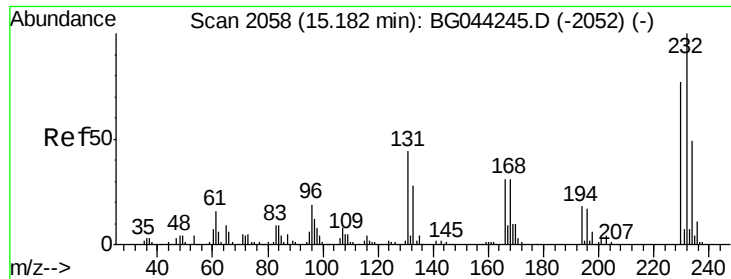
mohammad
2/6/2020 2:19:24 PM



#58
Fluorene
Concen: 42.888 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	737183		
165	99.6		79.9	119.9
167	14.6		11.4	17.0





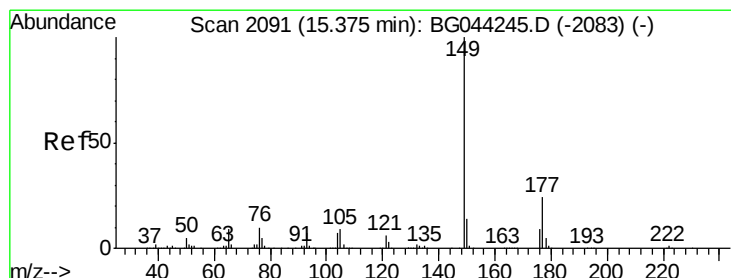
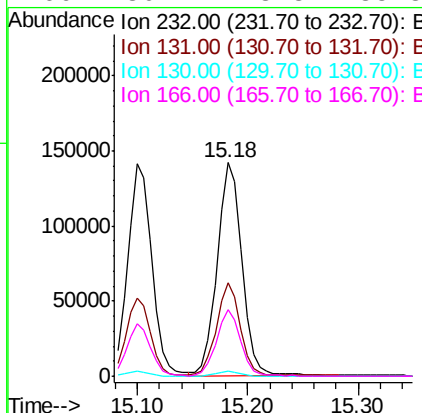
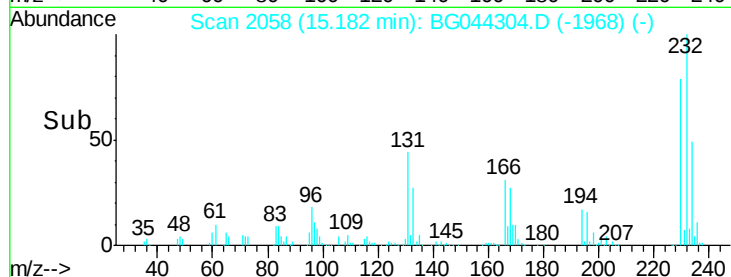
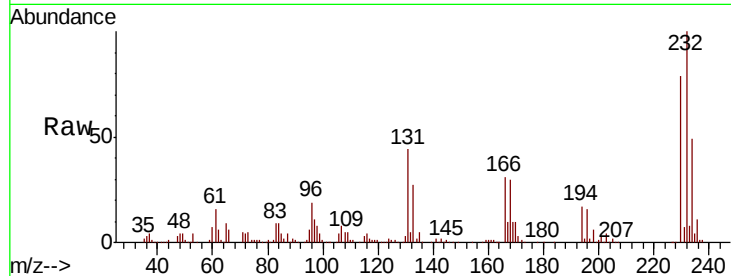
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.824 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.2	51.4
130	2.4	1.8	2.8
166	30.1	23.8	35.8

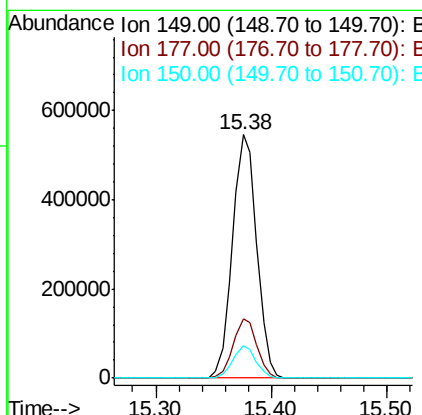
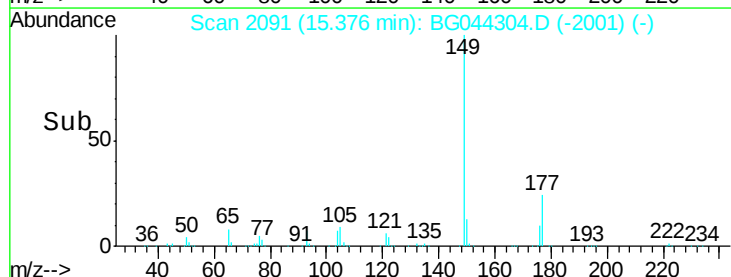
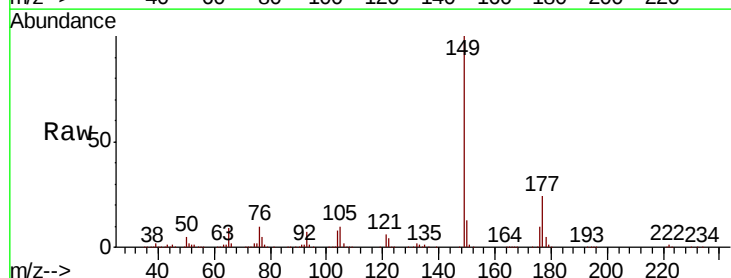
Manual Integrations
 APPROVED

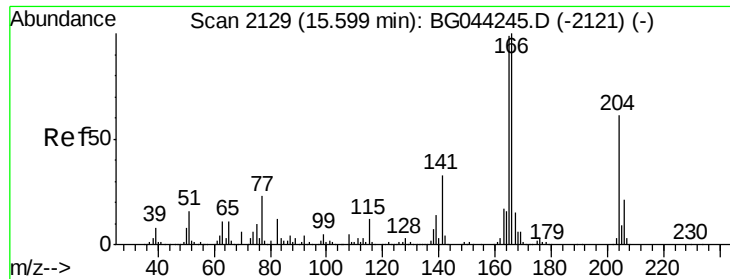
mohammad
 2/6/2020 2:19:24 PM



#60
 Diethylphthalate
 Concen: 41.845 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.3	10.9	16.3





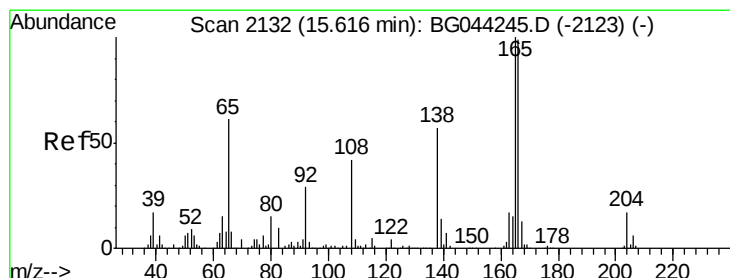
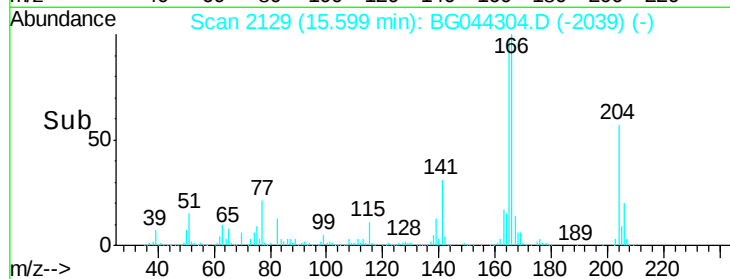
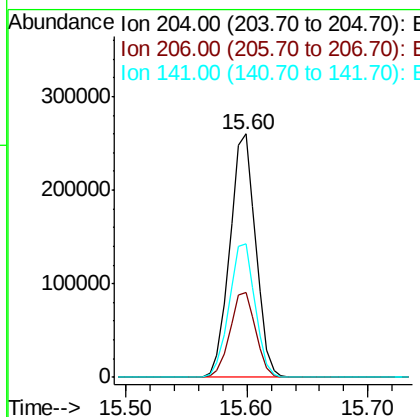
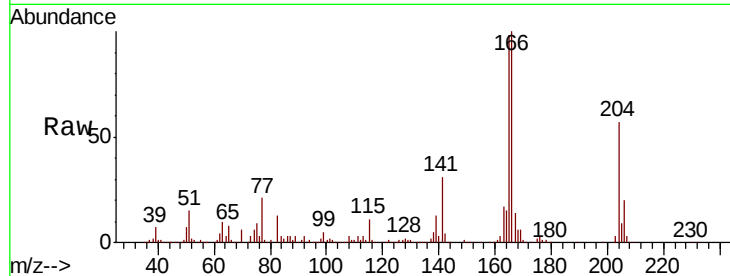
#61
4-Chlorophenyl-phenylether
Concen: 41.288 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	384797		
206	35.0	27.6	41.4	
141	54.7	43.4	65.0	

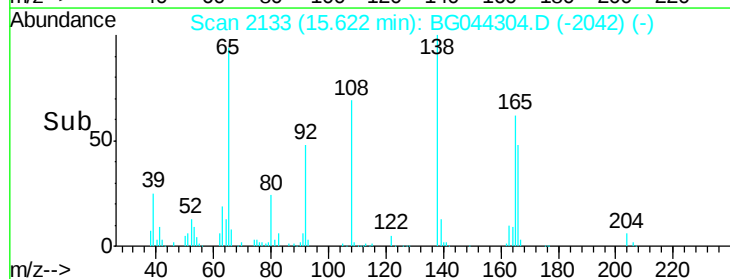
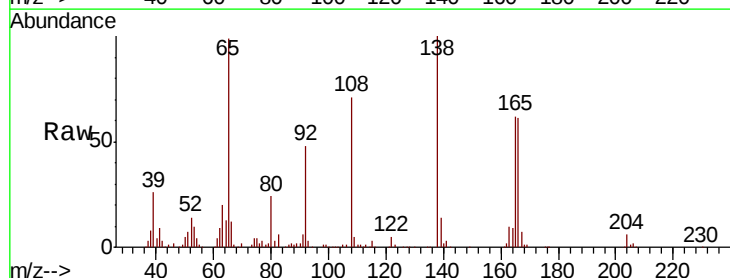
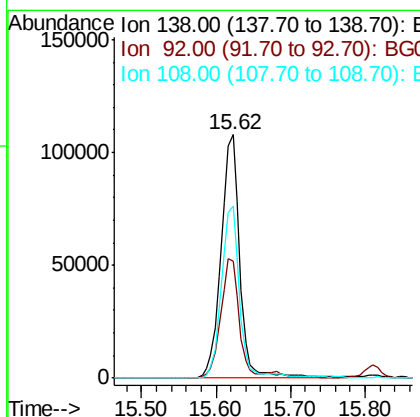
Manual Integrations
APPROVED

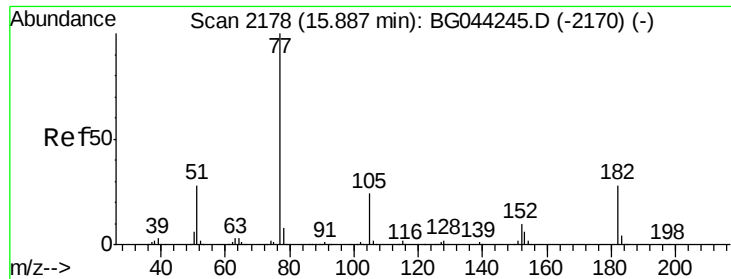
mohammad
2/6/2020 2:19:24 PM



#62
4-Nitroaniline
Concen: 40.616 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	190089		
92	48.2	31.3	71.3	
108	70.6	52.6	92.6	





#63

Azobenzene

Concen: 42.926 ng

RT: 15.89 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

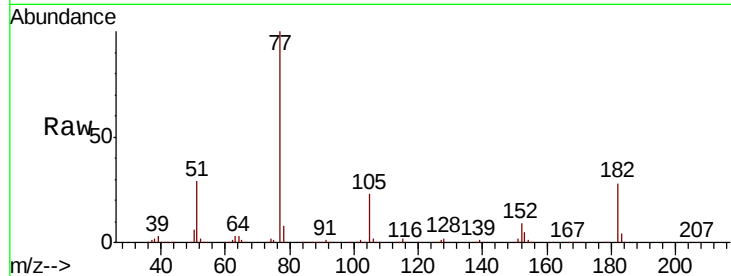
ClientSampleId :

PB126601BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	8.2	48.2	
105	23.1	3.6	43.6	
51	28.8	8.3	48.3	

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM

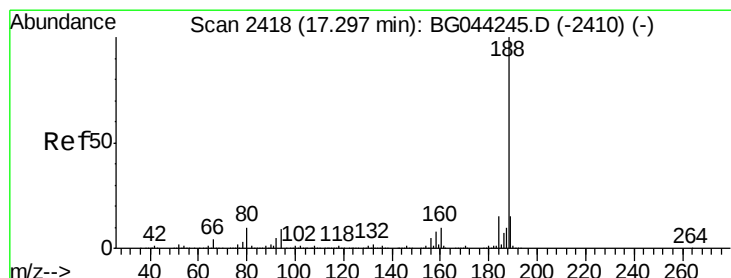
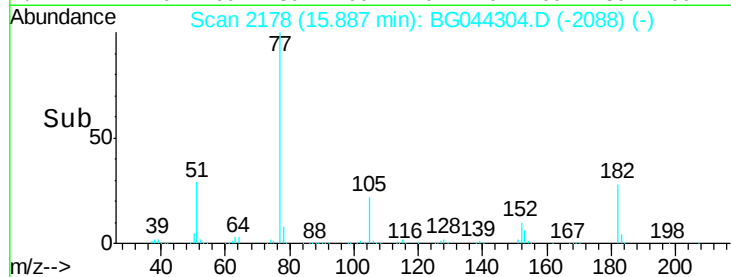
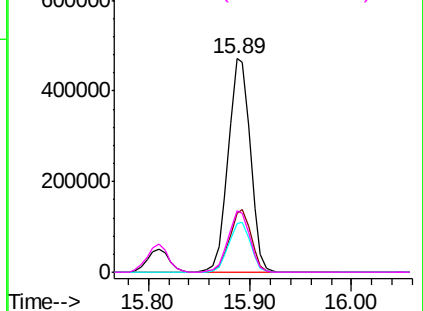


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044304.D

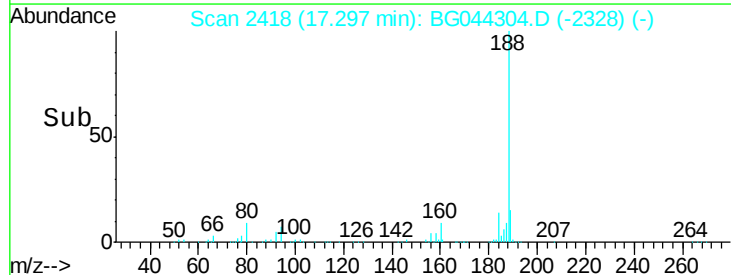
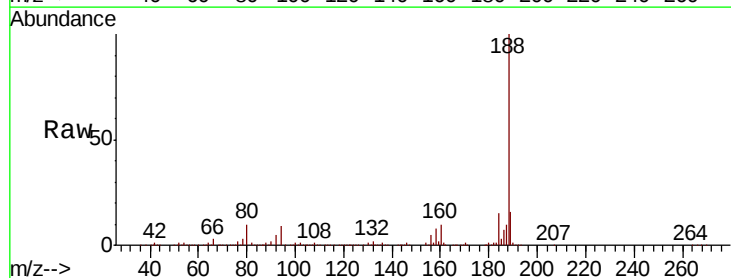
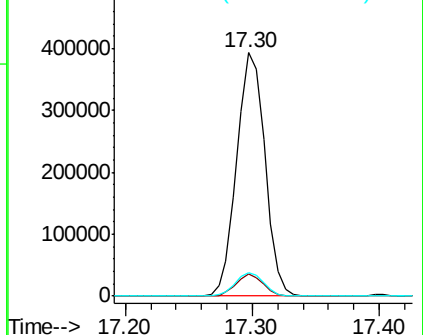
Acq: 5 Feb 2020 14:49

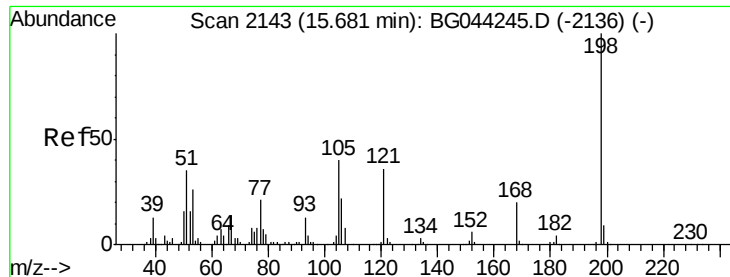
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.4	11.2	
80	9.8	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





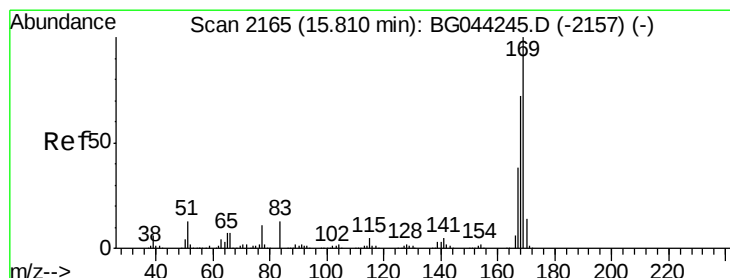
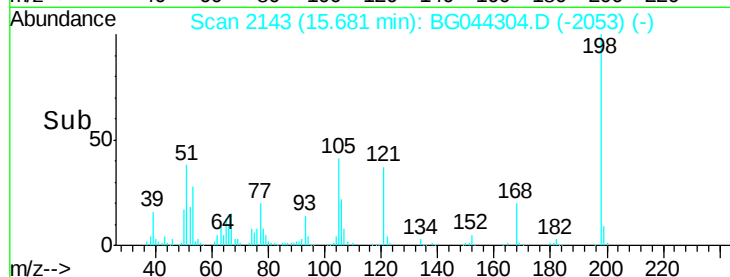
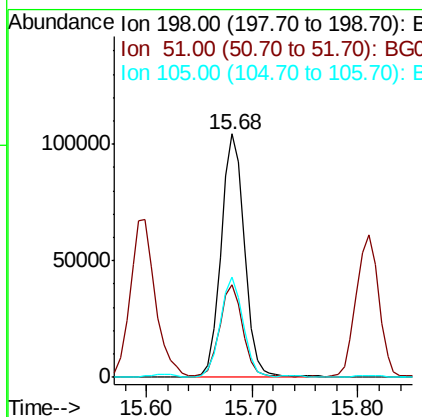
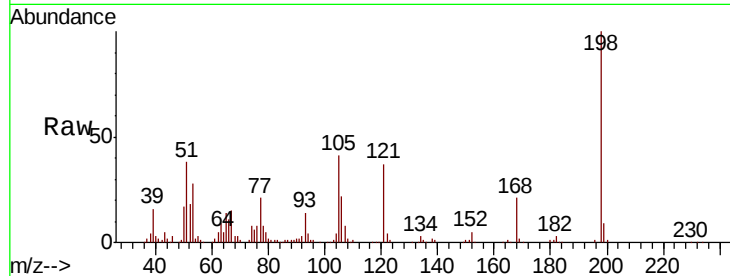
#65
4,6-Dinitro-2-methylphenol
Concen: 48.048 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161296		
51	38.0		16.6	56.6
105	41.3		20.6	60.6

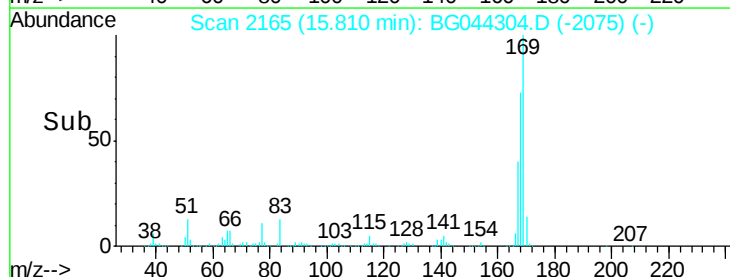
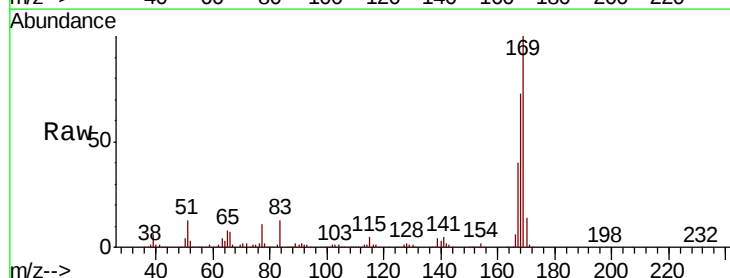
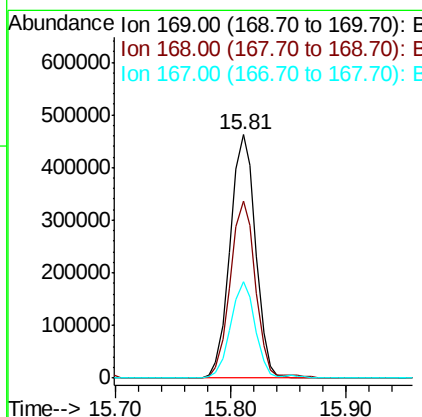
Manual Integrations
APPROVED

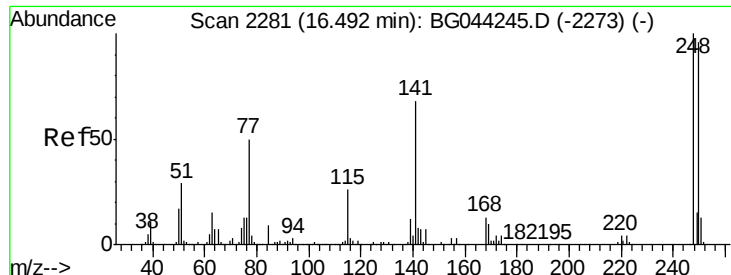
mohammad
2/6/2020 2:19:24 PM



#66
n-Nitrosodiphenylamine
Concen: 41.262 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	703222		
168	73.0		57.9	86.9
167	39.7		30.7	46.1





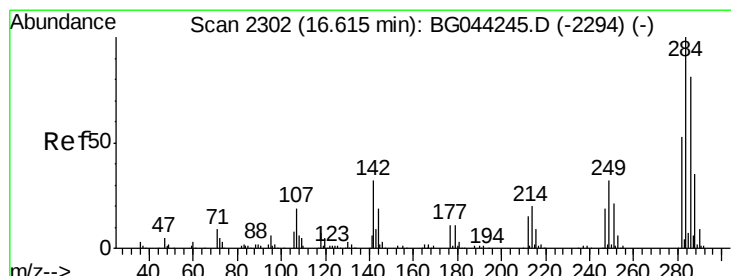
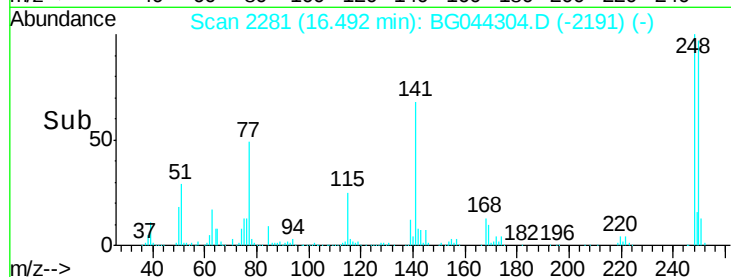
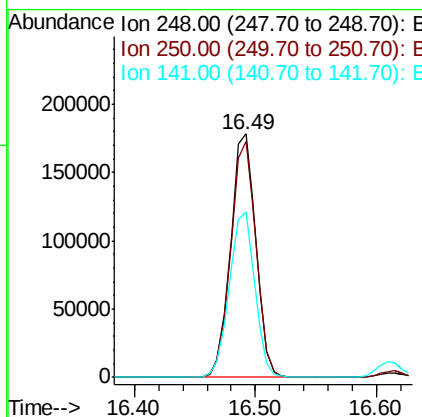
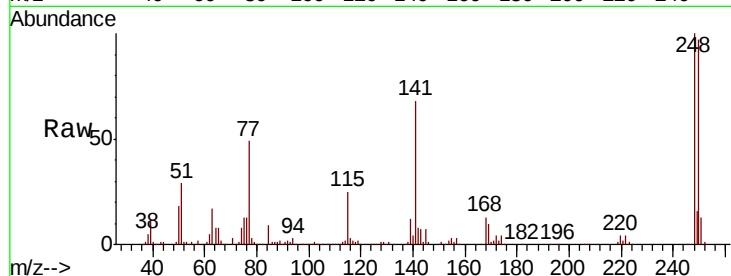
#67
 4-Bromophenyl-phenylether
 Concen: 39.135 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.6	114.8
141	68.1	54.7	82.1

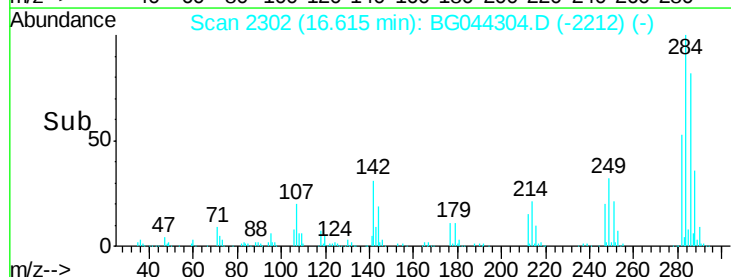
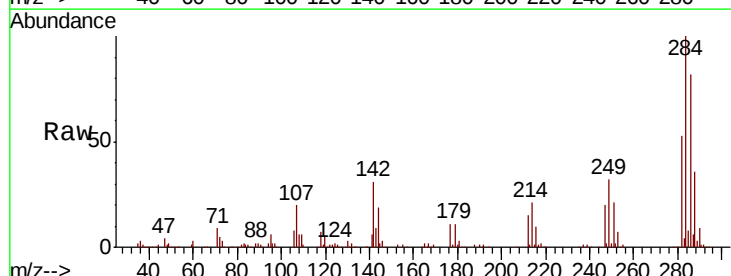
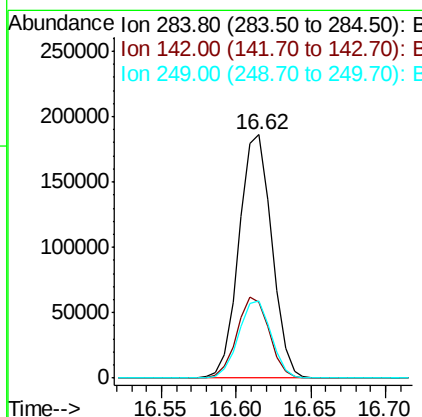
Manual Integrations
 APPROVED

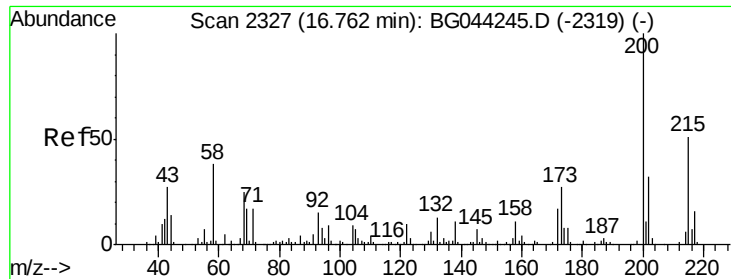
mohammad
 2/6/2020 2:19:24 PM



#68
 Hexachlorobenzene
 Concen: 38.198 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.3	37.9
249	31.8	25.5	38.3





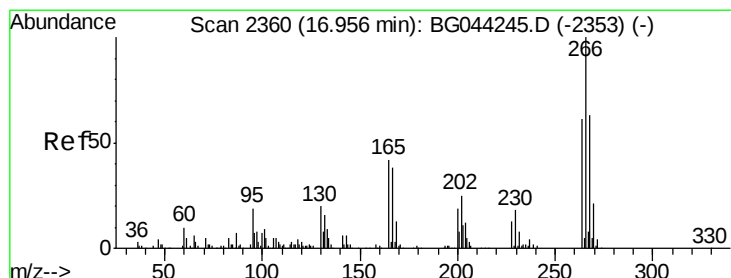
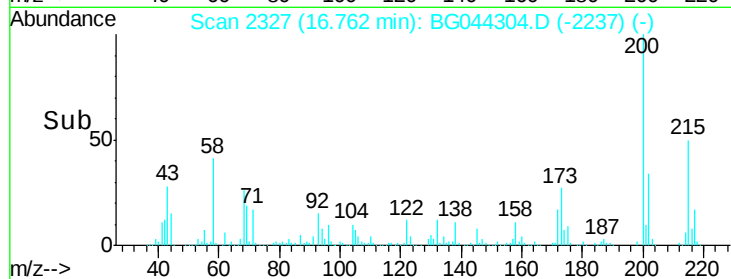
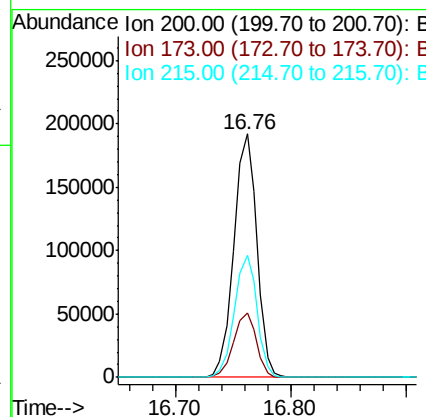
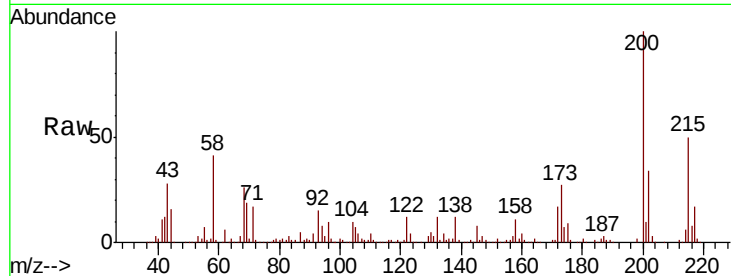
#69
 Atrazine
 Concen: 45.374 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.6	46.6
215	50.3	31.0	71.0

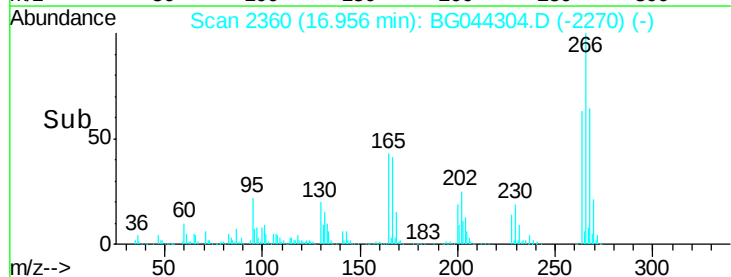
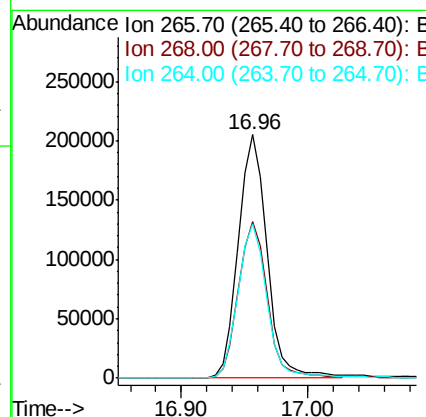
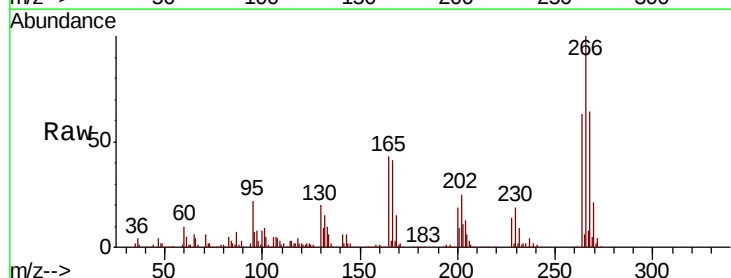
Manual Integrations
 APPROVED

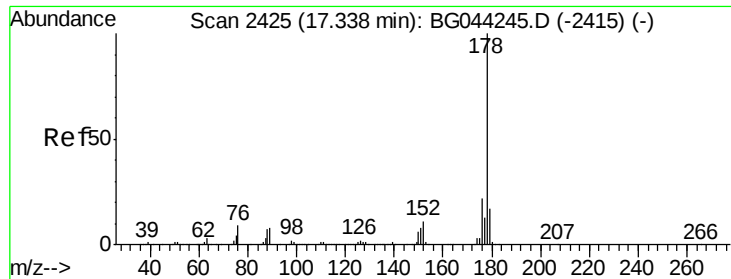
mohammad
 2/6/2020 2:19:24 PM



#70
 Pentachlorophenol
 Concen: 85.425 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	50.6	75.8
264	63.2	48.7	73.1





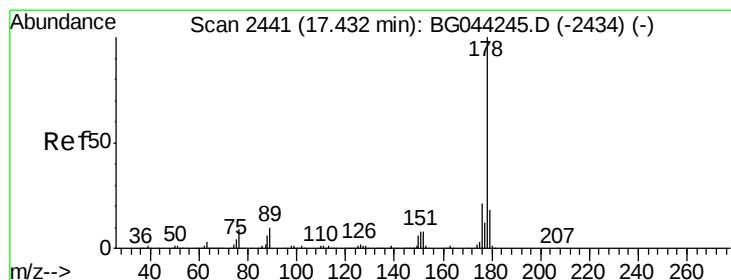
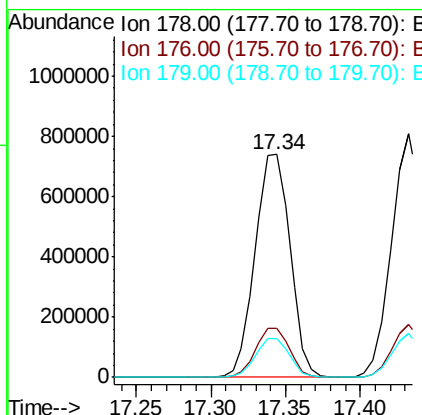
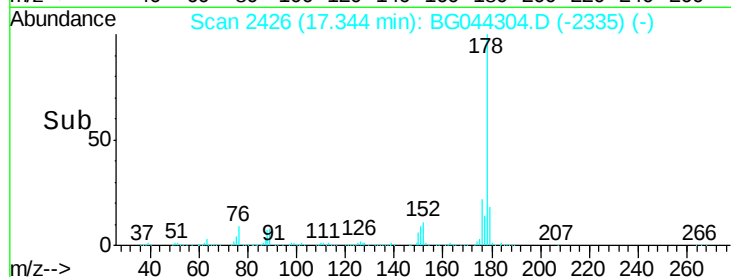
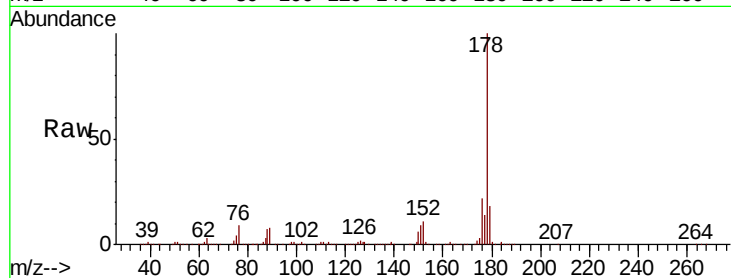
#71
Phenanthrene
Concen: 40.778 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:178 Resp: 1200856
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.6 13.7 20.5

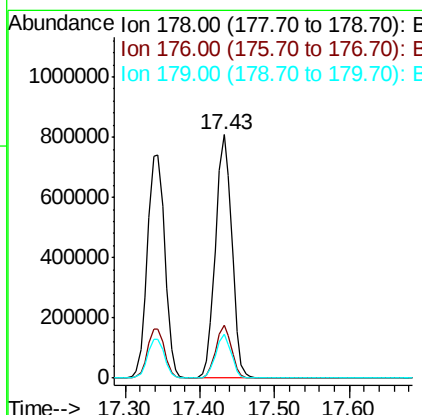
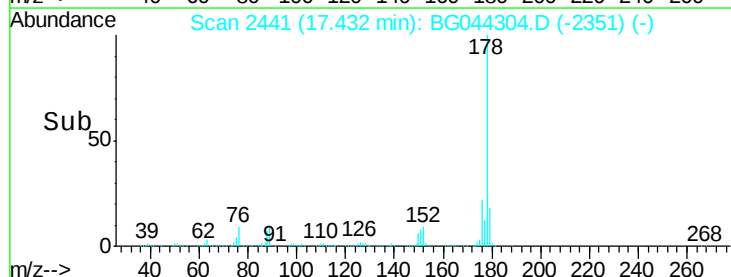
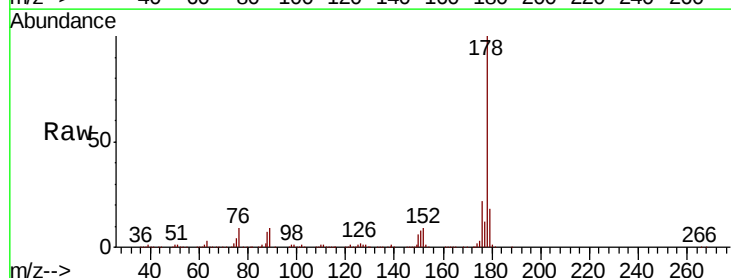
Manual Integrations
APPROVED

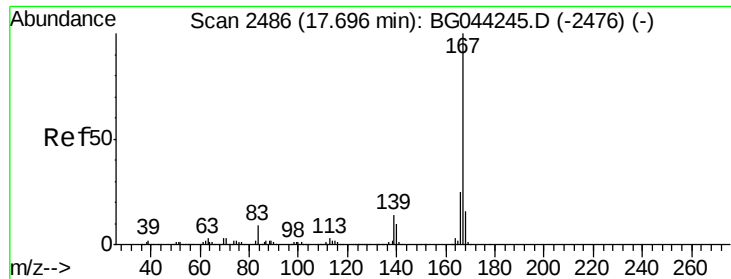
mohammad
2/6/2020 2:19:24 PM



#72
Anthracene
Concen: 42.104 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:178 Resp: 1225829
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.4
179 17.9 14.4 21.6





#73

Carbazole

Concen: 42.096 ng

RT: 17.70 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion:167 Resp: 1129855

Ion Ratio Lower Upper

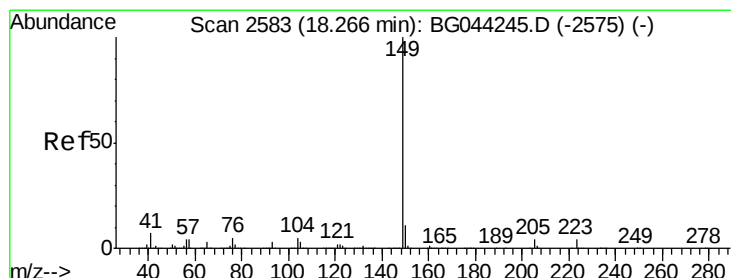
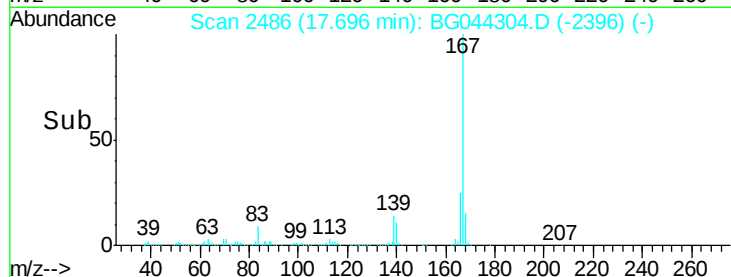
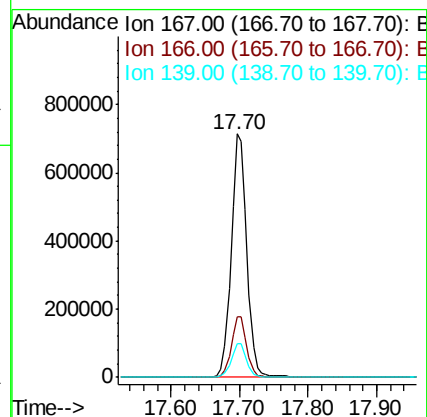
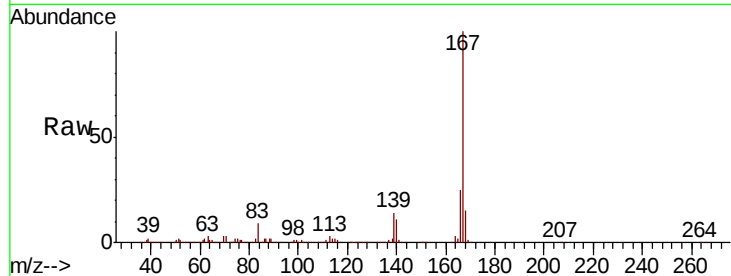
167 100

166 24.8 19.8 29.6

139 13.9 11.1 16.7

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



#74

Di-n-butylphthalate

Concen: 41.082 ng

RT: 18.27 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

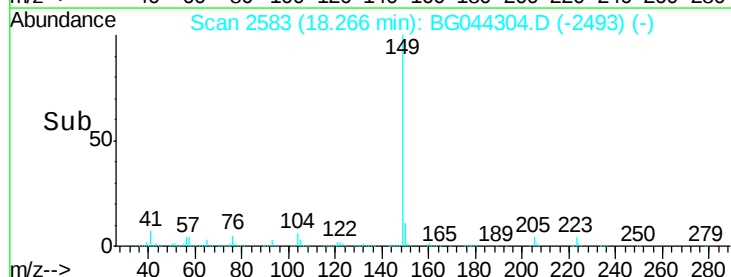
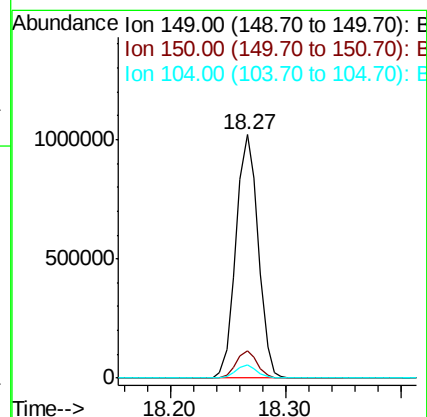
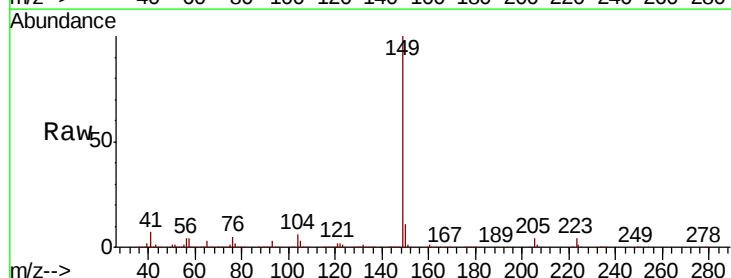
Tgt Ion:149 Resp: 1362628

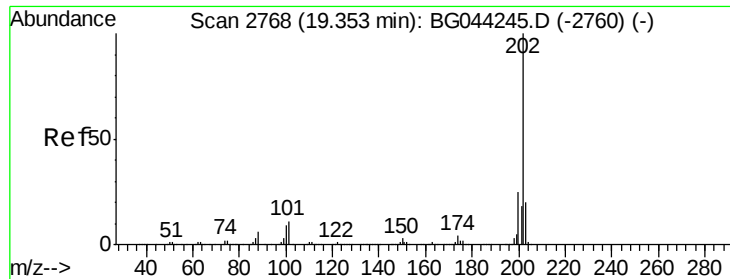
Ion Ratio Lower Upper

149 100

150 11.1 8.7 13.1

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 41.330 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

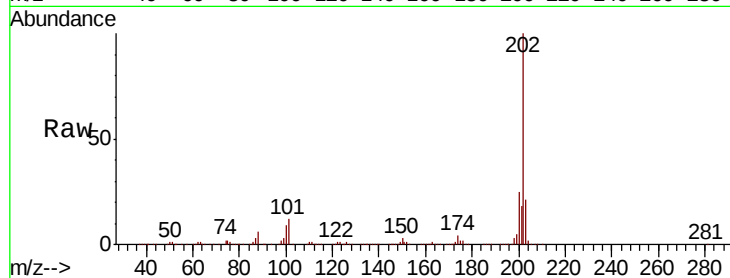
ClientSampleId :

PB126601BSD

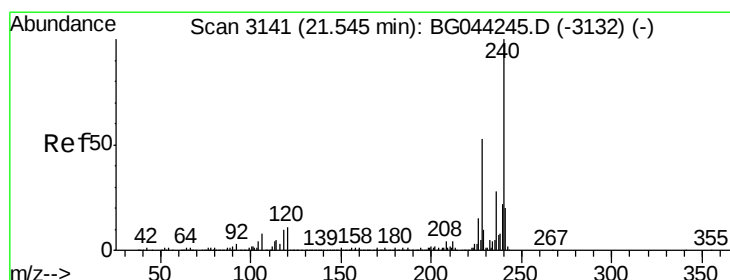
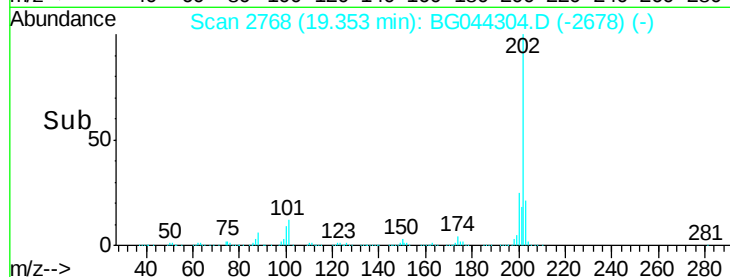
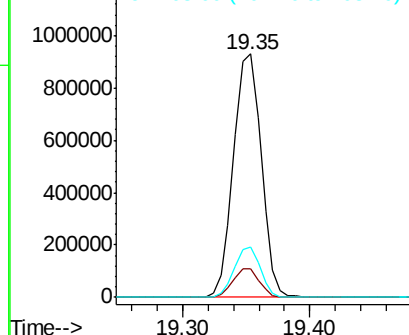
Tot Ion:	202	Resp:	1407963
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	20.8	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

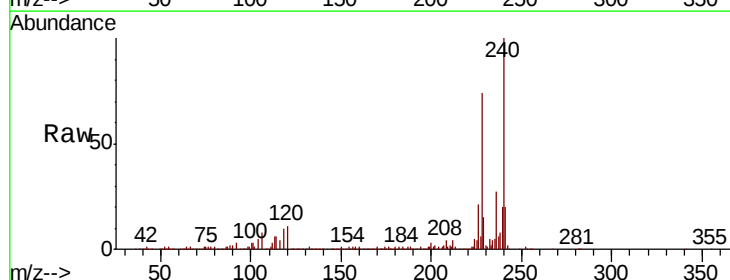
RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

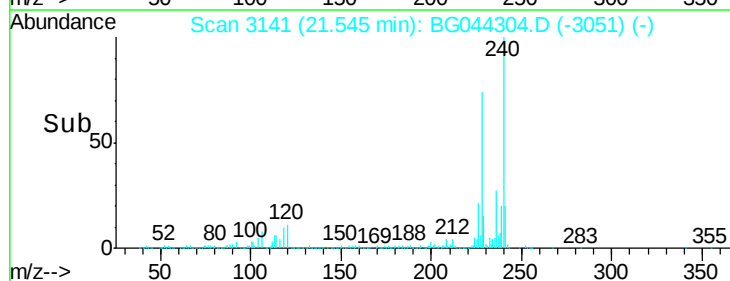
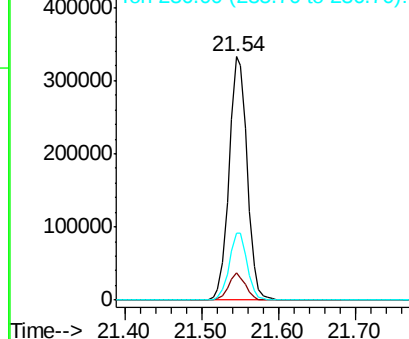
Lab File: BG044304.D

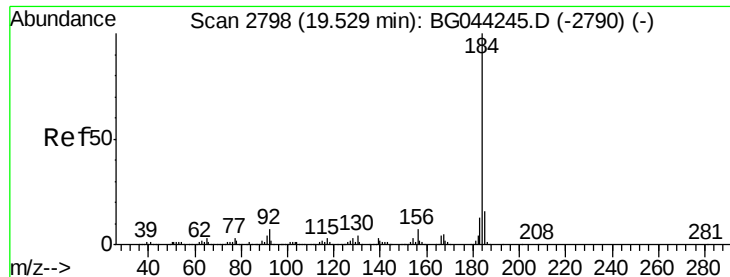
Acq: 5 Feb 2020 14:49

Tgt Ion:	240	Resp:	544142
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	27.5	22.1	33.1



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





#77

Benzidine

Concen: 19.450 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

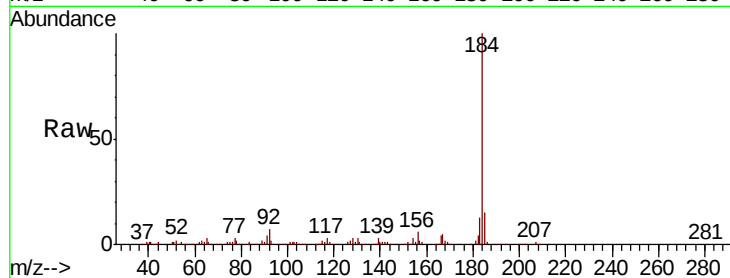
ClientSampleId :

PB126601BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.5	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM

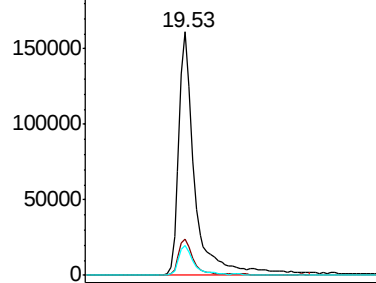


Abundance

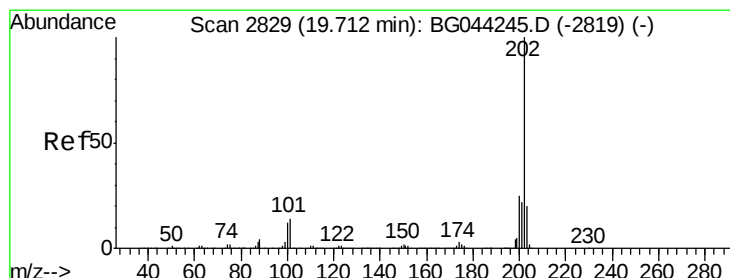
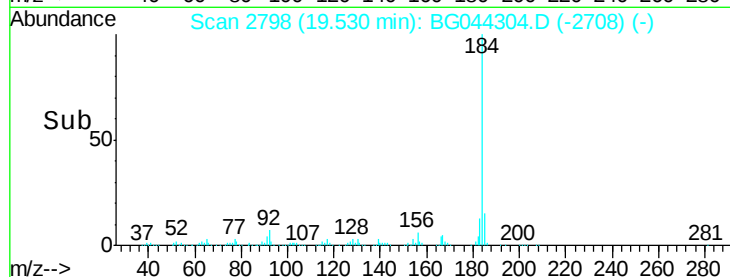
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 40.780 ng

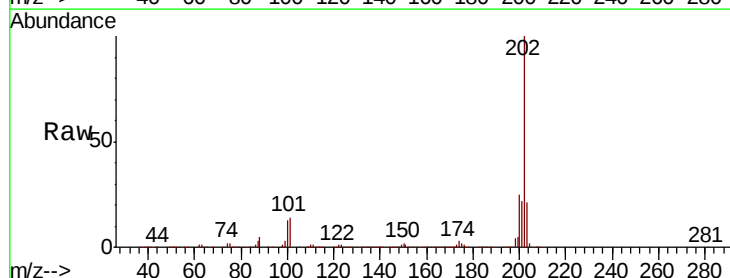
RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.8	20.0	30.0
203	20.9	16.2	24.2

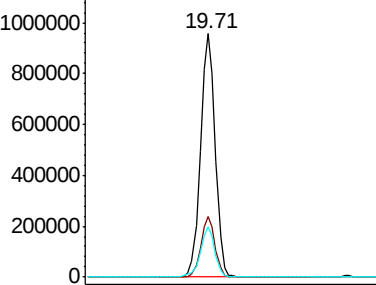


Abundance

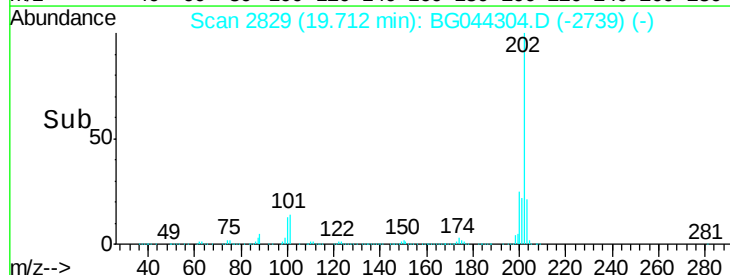
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





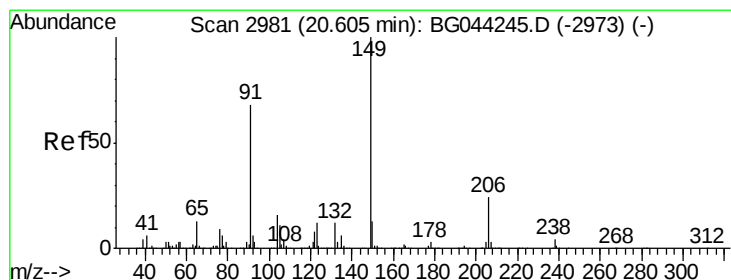
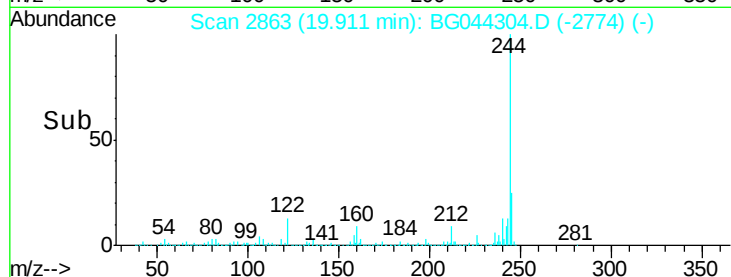
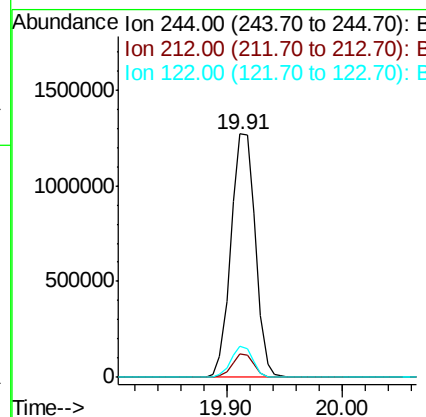
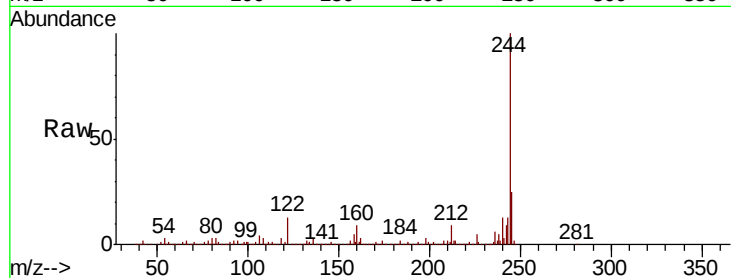
#79
 Terphenyl-d14
 Concen: 70.188 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	12.8	9.8	14.6

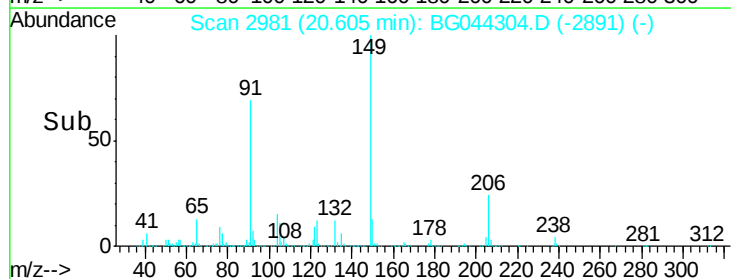
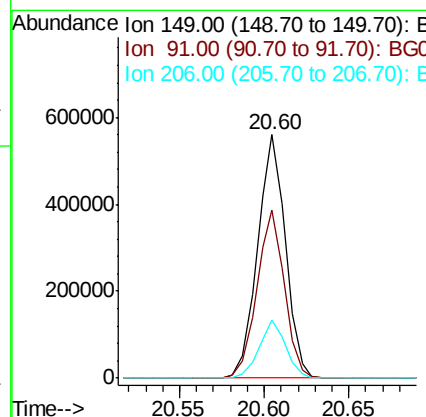
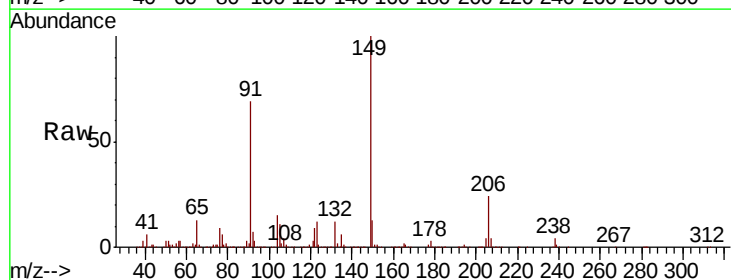
Manual Integrations
 APPROVED

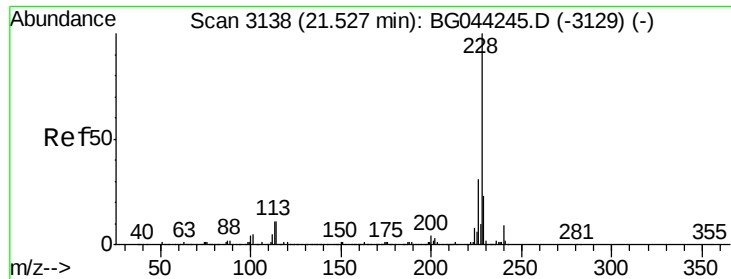
mohammad
 2/6/2020 2:19:24 PM



#80
 Butylbenzylphthalate
 Concen: 40.332 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.5	81.7
206	24.0	19.1	28.7





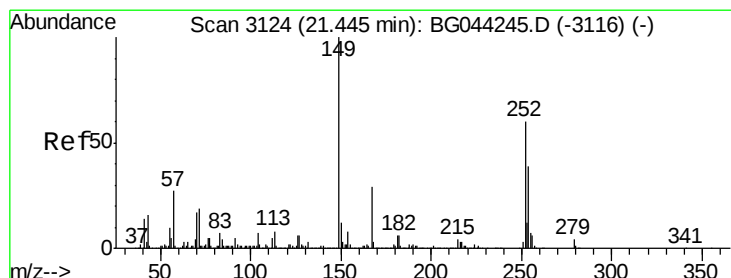
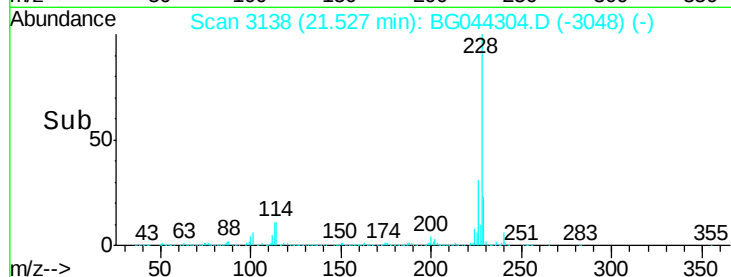
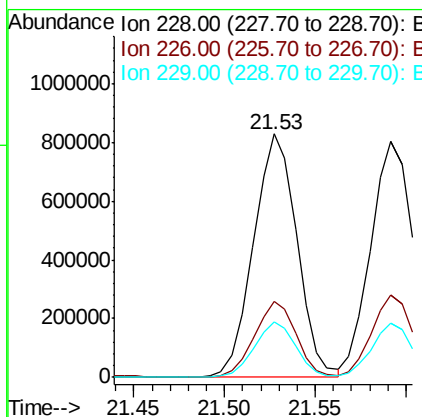
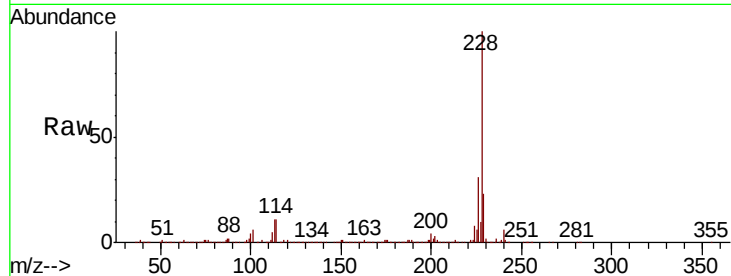
#81
Benzo(a)anthracene
Concen: 41.075 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:228 Resp: 1377502
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 23.0 18.2 27.4

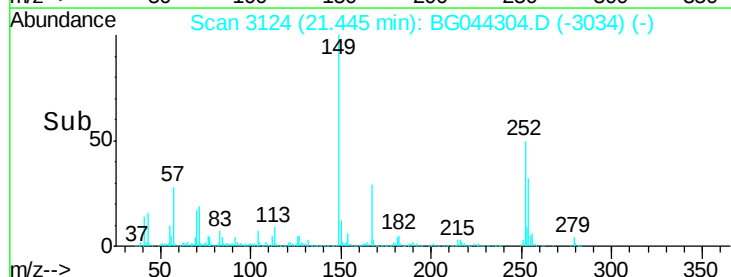
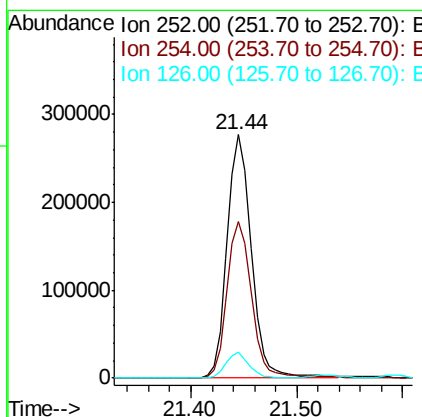
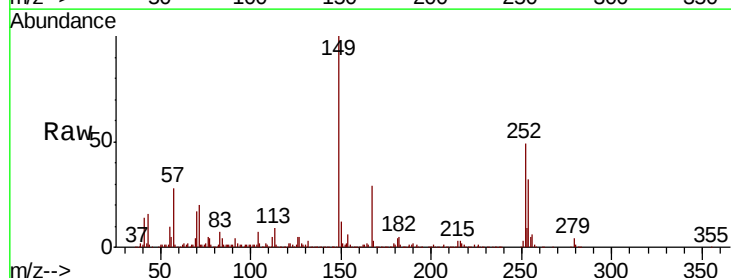
Manual Integrations
APPROVED

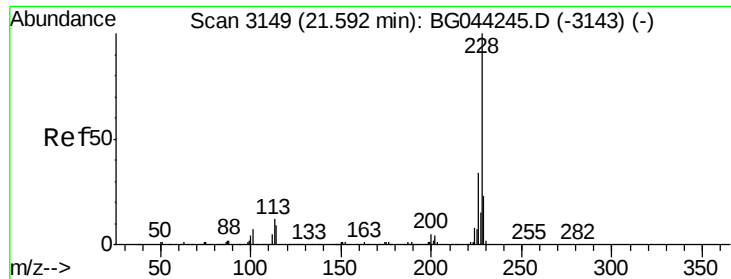
mohammad
2/6/2020 2:19:24 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.942 ng
RT: 21.44 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion:252 Resp: 441781
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 10.5 8.2 12.4





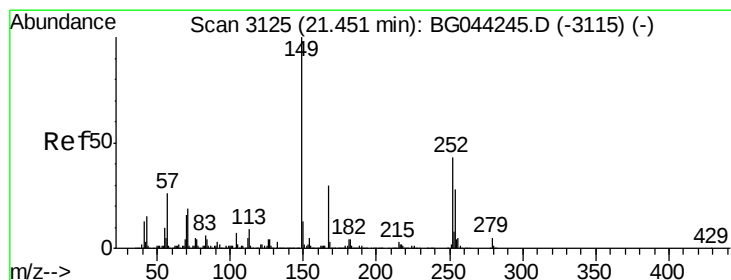
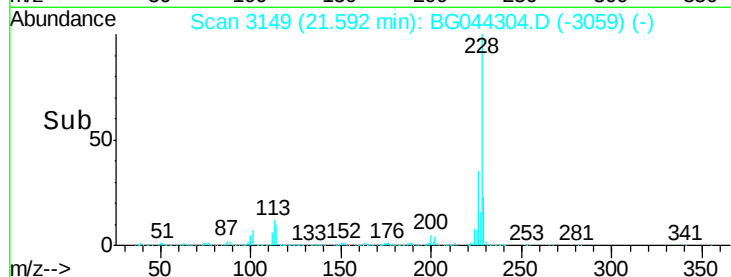
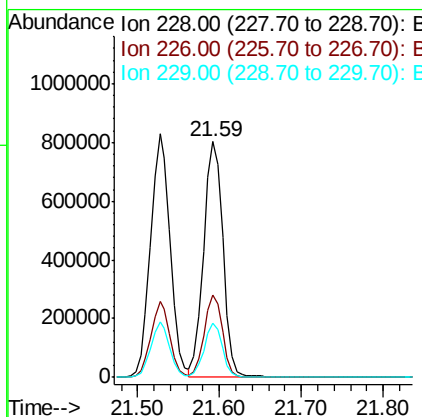
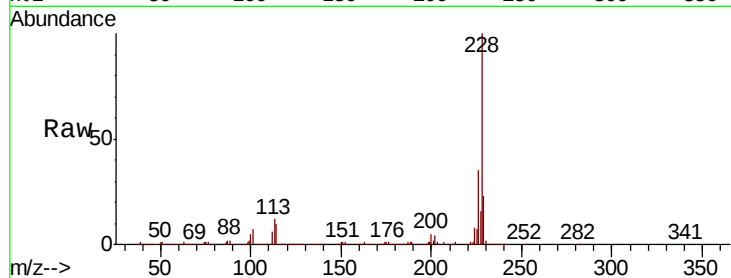
#83
 Chrysene
 Concen: 40.596 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:228 Resp: 1315942
 Ion Ratio Lower Upper
 228 100
 226 34.7 27.1 40.7
 229 22.9 17.9 26.9

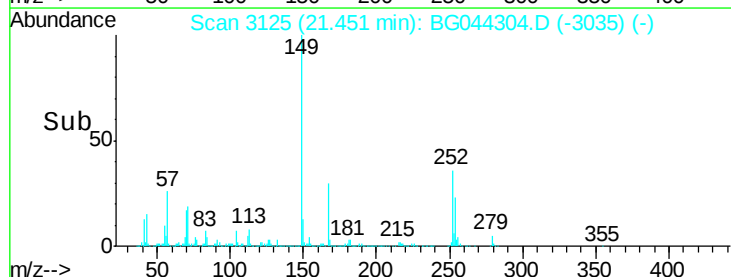
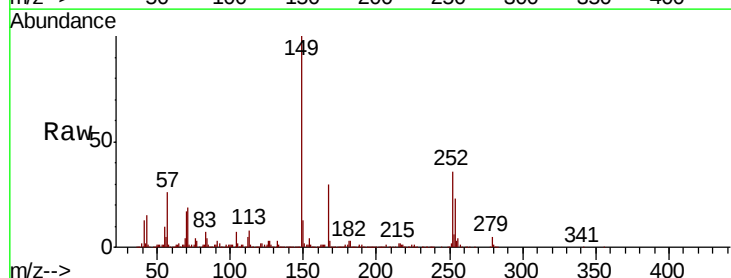
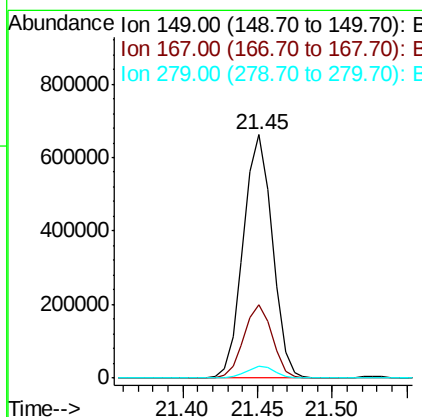
Manual Integrations
 APPROVED

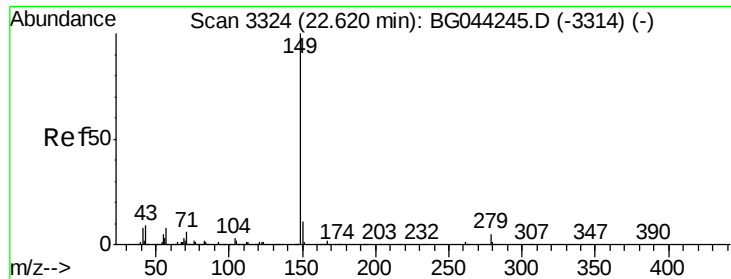
mohammad
 2/6/2020 2:19:24 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.766 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. 0.00 min
 Lab File: BG044304.D
 Acq: 5 Feb 2020 14:49

Tgt Ion:149 Resp: 893552
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.461 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion:149 Resp: 1572432

Ion Ratio Lower Upper

149 100

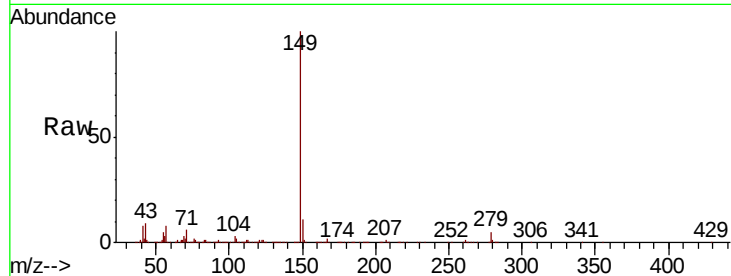
167 1.7 1.3 1.9

43 9.1 7.4 11.0

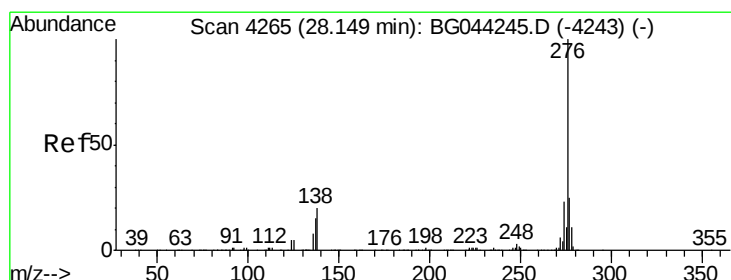
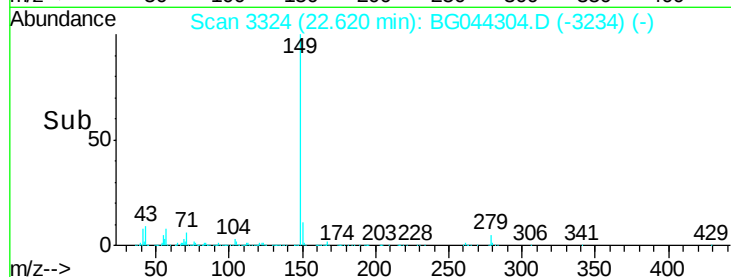
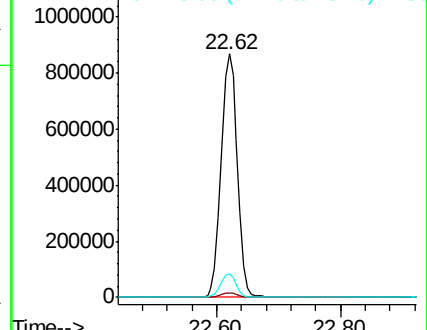
Manual Integrations
APPROVED

mohammad

2/6/2020 2:19:24 PM



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
1000000
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.237 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

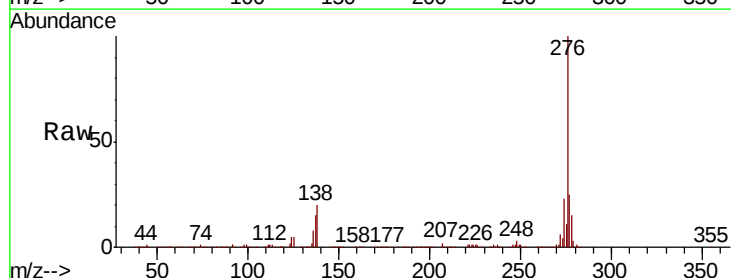
Tgt Ion:276 Resp: 1701663

Ion Ratio Lower Upper

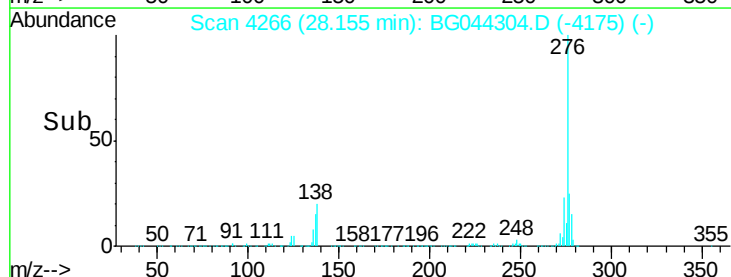
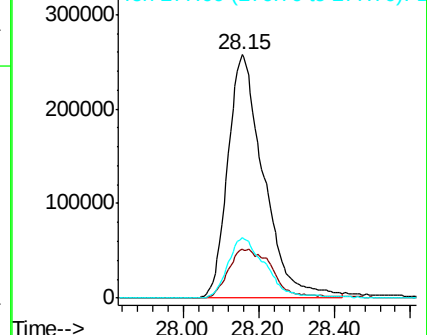
276 100

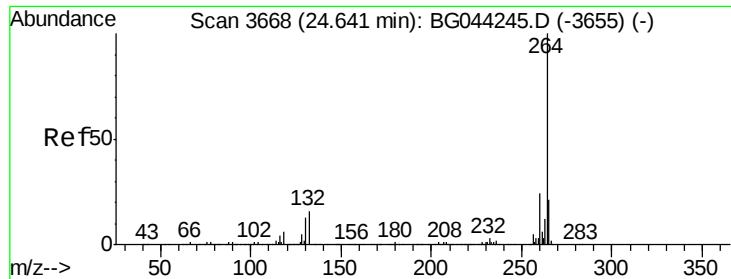
138 24.0 19.4 29.0

277 26.0 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
200000
Ion 277.00 (276.70 to 277.70): E





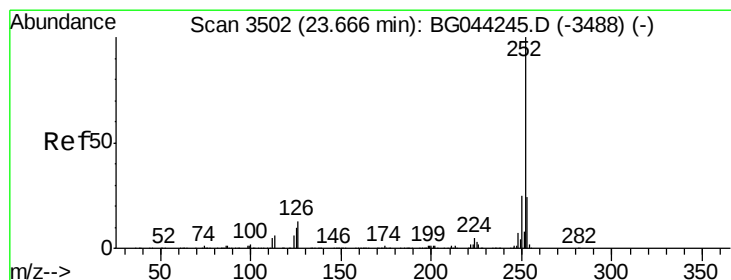
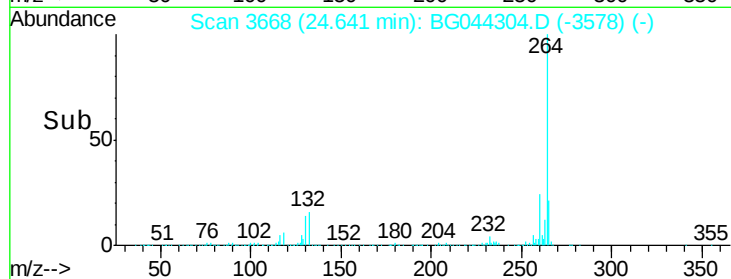
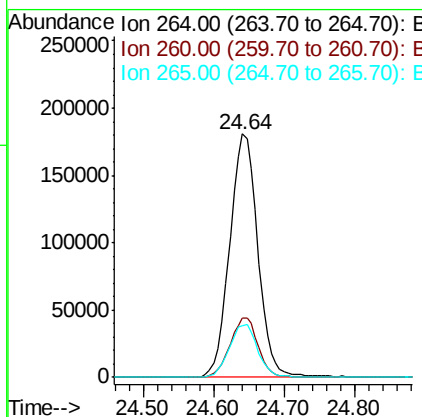
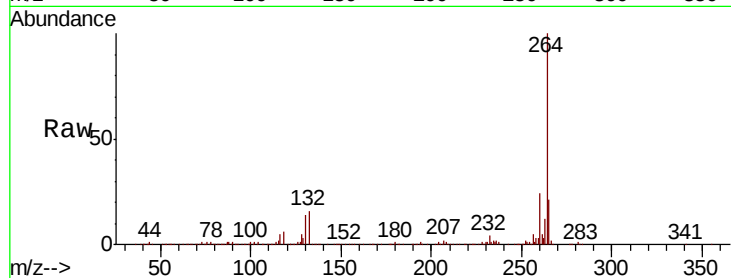
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	16.7	25.1

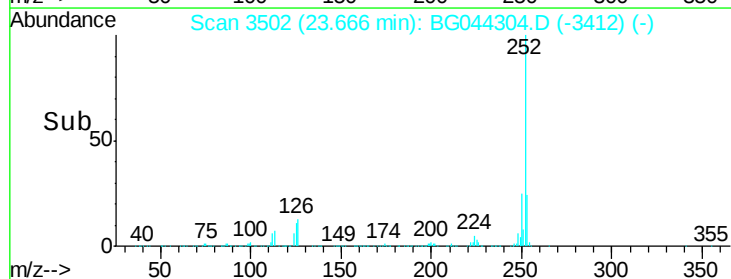
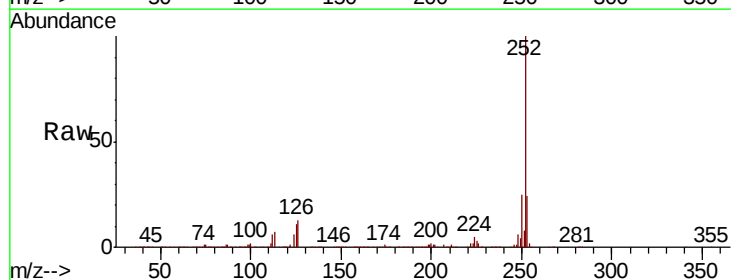
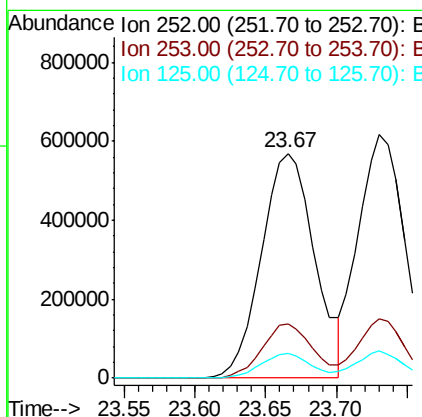
Manual Integrations
APPROVED

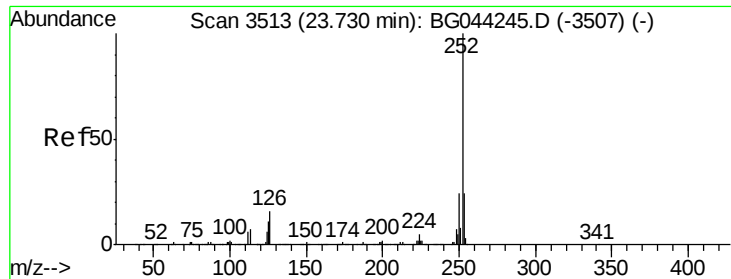
mohammad
2/6/2020 2:19:24 PM



#88
Benzo(b)fluoranthene
Concen: 51.984 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.9	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 50.219 ng

RT: 23.73 min Scan# 3513

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion:252 Resp: 1411245

Ion Ratio Lower Upper

252 100

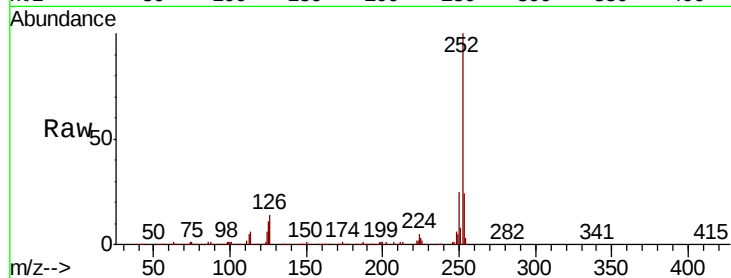
253 24.2 19.1 28.7

125 11.2 8.6 12.8

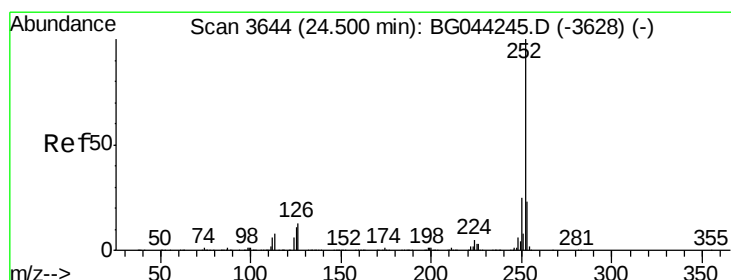
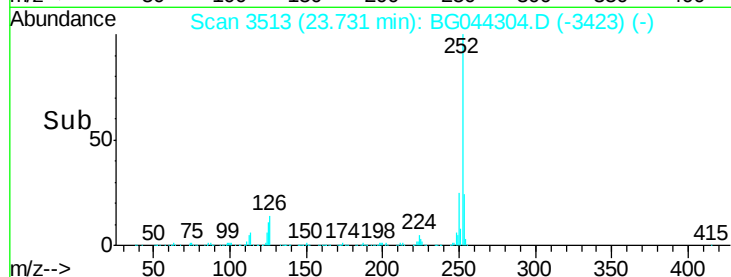
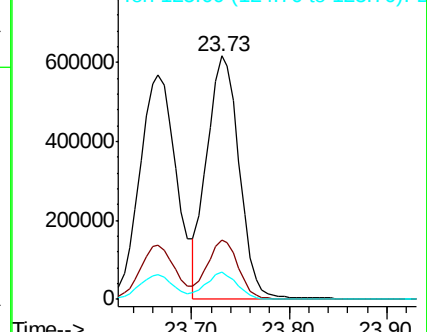
Manual Integrations
APPROVED

mohammad

2/6/2020 2:19:24 PM



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



#90

Benzo(a)pyrene

Concen: 49.293 ng

RT: 24.50 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BG044304.D

Acq: 5 Feb 2020 14:49

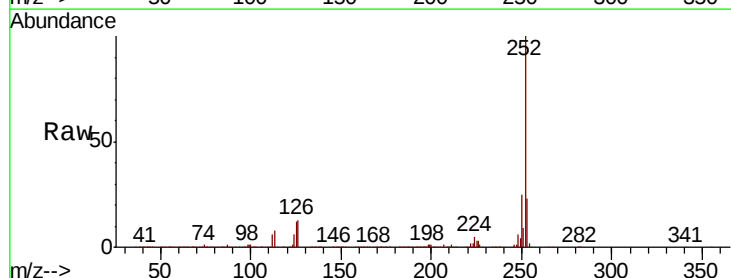
Tgt Ion:252 Resp: 1343799

Ion Ratio Lower Upper

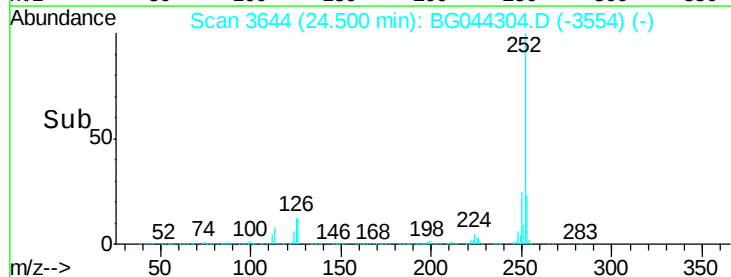
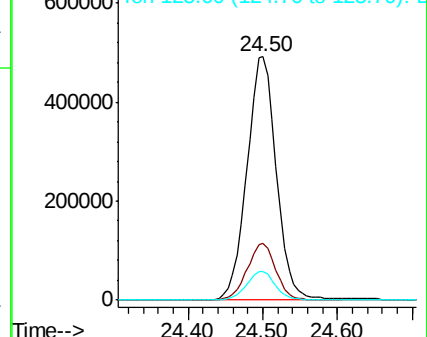
252 100

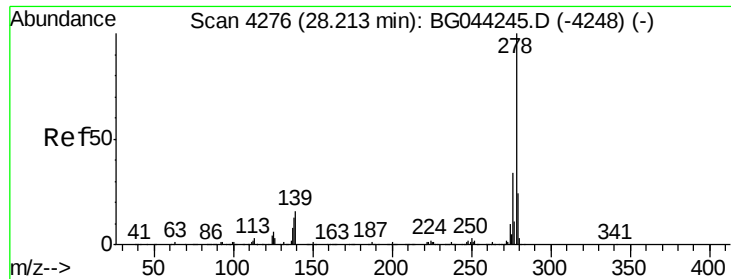
253 23.2 18.1 27.1

125 11.6 8.6 13.0



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





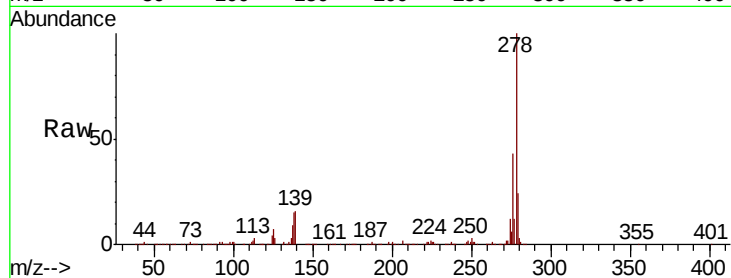
#91
Dibenzo(a,h)anthracene
Concen: 52.588 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

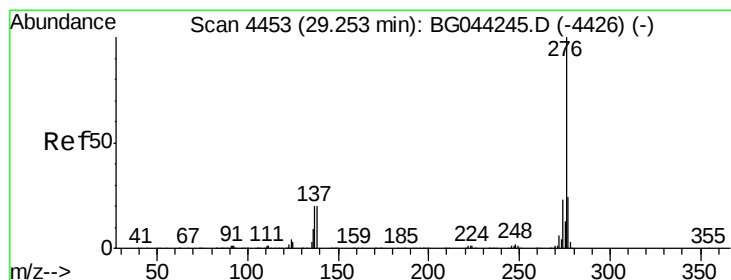
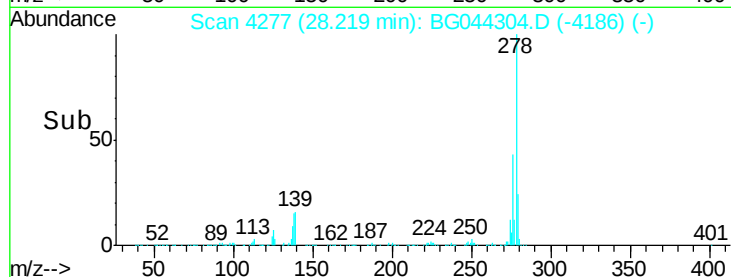
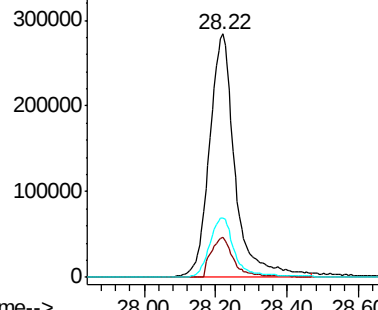
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	24.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:24 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.974 ng
RT: 29.25 min Scan# 4453
Delta R.T. 0.00 min
Lab File: BG044304.D
Acq: 5 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.8	16.2	24.2

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

