

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044562.D
 Acq On : 21 Feb 2020 23:30
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM

Quant Time: Feb 24 00:47:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	58069	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	230520	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	153041	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	352305	20.00	ng	0.00
76) Chrysene-d12	21.51	240	336914	20.00	ng	0.00
87) Perylene-d12	24.58	264	385839	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	470641	143.04	ng	0.00
7) Phenol-d6	7.06	99	566392	128.19	ng	0.00
23) Nitrobenzene-d5	9.04	82	401583	98.35	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	286638	159.54	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	928335	101.58	ng	0.00
79) Terphenyl-d14	19.89	244	1613057	98.48	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.34	88	61194	41.394	ng	# 69
3) Pyridine	3.74	79	114696	29.121	ng	99
4) n-Nitrosodimethylamine	3.65	42	76495	46.478	ng	97
6) Aniline	7.20	93	137326	25.039	ng	98
8) 2-Chlorophenol	7.45	128	196663	54.384	ng	99
9) Benzaldehyde	7.01	77	86823	34.502	ng	97
10) Phenol	7.08	94	210685	48.181	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	182208	48.740	ng	99
12) 1,3-Dichlorobenzene	7.77	146	192436	44.571	ng	99
13) 1,4-Dichlorobenzene	7.91	146	196052	45.847	ng	99
14) 1,2-Dichlorobenzene	8.24	146	184456	45.636	ng	99
15) Benzyl Alcohol	8.12	79	160979	51.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	232380	45.926	ng	99
17) 2-Methylphenol	8.33	107	161187	51.665	ng	99
18) Hexachloroethane	8.96	117	69183	43.113	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	142488	48.389	ng	99
20) 3+4-Methylphenols	8.66	107	219138	50.966	ng	99
22) Acetophenone	8.70	105	270014	48.149	ng	100
24) Nitrobenzene	9.08	77	201720	50.605	ng	97
25) Isophorone	9.61	82	402616	52.903	ng	98
26) 2-Nitrophenol	9.79	139	113351	54.802	ng	98
27) 2,4-Dimethylphenol	9.86	122	186159	63.759	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	247832	48.815	ng	99
29) 2,4-Dichlorophenol	10.33	162	195016	55.238	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	195284	48.240	ng	99
31) Naphthalene	10.73	128	577192	51.608	ng	99
32) Benzoic acid	10.03	122	49677	32.376	ng	99
33) 4-Chloroaniline	10.85	127	40402	7.943	ng	99
34) Hexachlorobutadiene	11.02	225	115035	46.181	ng	98
35) Caprolactam	11.61	113	58830m	45.489	ng	
36) 4-Chloro-3-methylphenol	11.98	107	209929	56.714	ng	98
37) 2-Methylnaphthalene	12.34	142	432388	52.070	ng	99
38) 1-Methylnaphthalene	12.56	142	412323	52.667	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218207	47.665	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044562.D
 Acq On : 21 Feb 2020 23:30
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 BU-03-021820MS

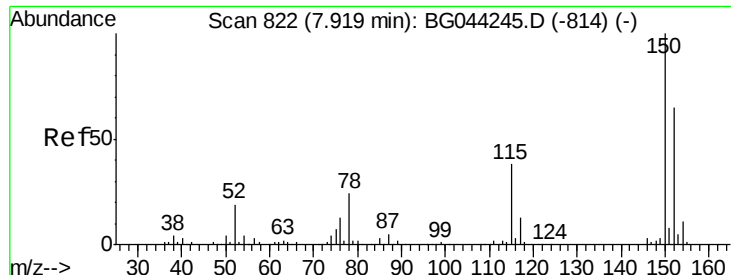
Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM

Quant Time: Feb 24 00:47:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	192394	87.586	nq	99
43) 2,4,6-Trichlorophenol	12.95	196	159037	53.746	nq	98
44) 2,4,5-Trichlorophenol	13.04	196	174114	57.608	nq	99
46) 1,1'-Biphenyl	13.35	154	558375	50.582	nq	99
47) 2-Chloronaphthalene	13.40	162	434743	49.491	nq	99
48) 2-Nitroaniline	13.59	65	128806	49.686	nq	99
49) Acenaphthylene	14.24	152	698423	54.208	nq	99
50) Dimethylphthalate	13.98	163	614224	55.833	nq	99
51) 2,6-Dinitrotoluene	14.09	165	131597	53.650	nq	99
52) Acenaphthene	14.59	154	433081	51.859	nq	99
53) 3-Nitroaniline	14.42	138	56812	20.935	nq	98
54) 2,4-Dinitrophenol	14.63	184	120042	82.345	nq	99
55) Dibenzofuran	14.92	168	678078	53.628	nq	97
56) 4-Nitrophenol	14.75	139	219244	110.294	nq	99
57) 2,4-Dinitrotoluene	14.89	165	186991	54.391	nq	97
58) Fluorene	15.57	166	545825	54.808	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153548	56.244	nq	97
60) Diethylphthalate	15.35	149	592716	54.072	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	288041	53.343	nq	100
62) 4-Nitroaniline	15.59	138	131808	48.608	nq	99
63) Azobenzene	15.86	77	520509	54.179	nq	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	104985	53.985	nq	96
66) n-Nitrosodiphenylamine	15.78	169	517525	52.418	nq	99
67) 4-Bromophenyl-phenylether	16.46	248	192073	50.041	nq	96
68) Hexachlorobenzene	16.59	284	213798	49.718	nq	99
69) Atrazine	16.73	200	206488	61.018	nq	99
70) Pentachlorophenol	16.93	266	226926	103.399	nq	99
71) Phenanthrene	17.31	178	914304	53.594	nq	99
72) Anthracene	17.40	178	940755	55.777	nq	99
73) Carbazole	17.67	167	868812	55.876	nq	100
74) Di-n-butylphthalate	18.24	149	1069555	55.664	nq	98
75) Fluoranthene	19.32	202	1136422	57.584	nq	98
77) Benzidine	19.50	184	269657	28.855	nq	97
78) Pyrene	19.68	202	1140716	52.721	nq	99
80) Butylbenzylphthalate	20.57	149	504536	51.170	nq	99
81) Benzo(a)anthracene	21.49	228	1121843	54.027	nq	99
82) 3,3'-Dichlorobenzidine	21.41	252	175980	21.837	nq	97
83) Chrysene	21.56	228	1071648	53.394	nq	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	734794	54.142	nq	99
85) Di-n-octyl phthalate	22.57	149	1259429	53.634	nq	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1414282	54.011	nq	99
88) Benzo(b)fluoranthene	23.62	252	1230215	55.332	nq	99
89) Benzo(k)fluoranthene	23.68	252	1148588	53.005	nq	99
90) Benzo(a)pyrene	24.44	252	1111738	52.886	nq	99
91) Dibenzo(a,h)anthracene	28.12	278	1160732	55.793	nq	98
92) Benzo(g,h,i)perylene	29.15	276	1185725	56.934	nq	100

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



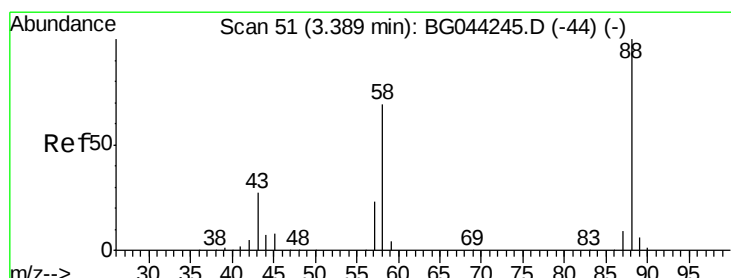
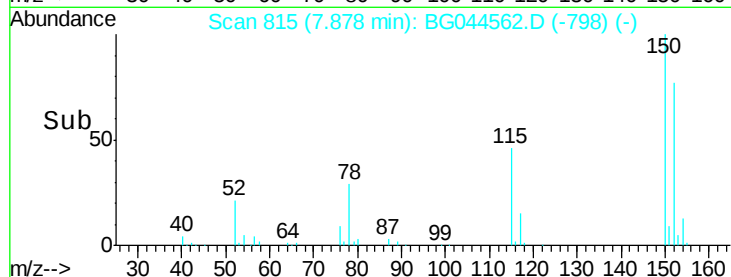
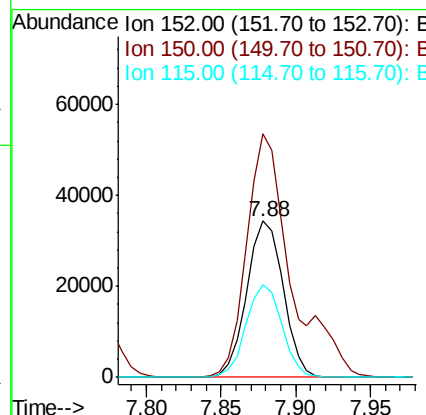
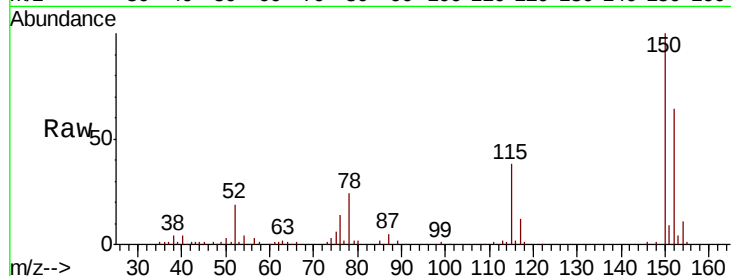
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.1	184.7
115	59.4	45.1	67.7

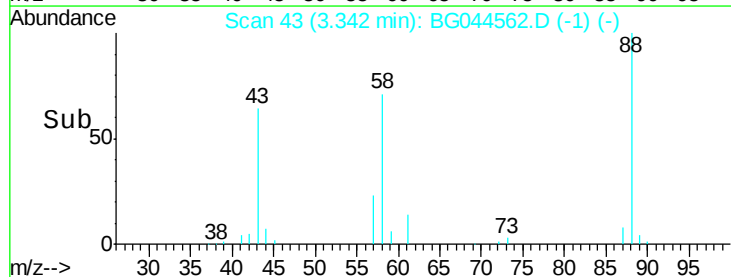
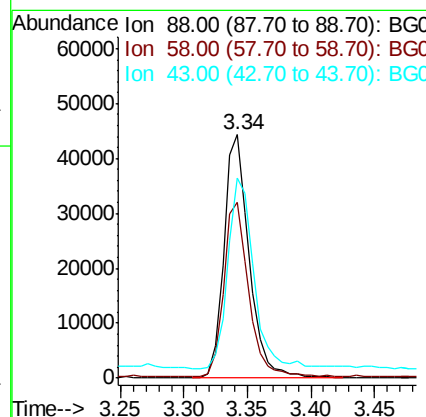
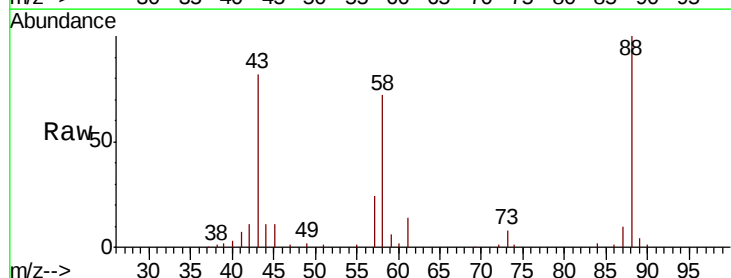
Manual Integrations
 APPROVED

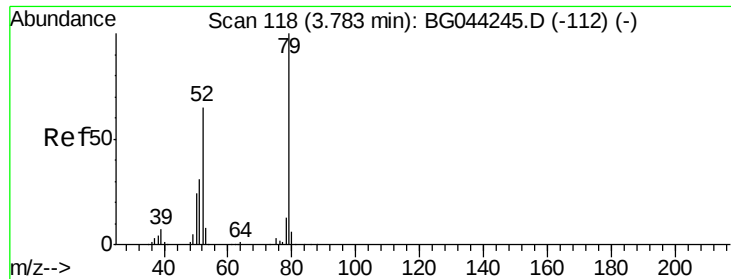
mohammad
 2/24/2020 3:30:28 PM



#2
 1,4-Dioxane
 Concen: 41.394 ng
 RT: 3.34 min Scan# 43
 Delta R.T. 0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	54.8	82.2
43	80.4	21.2	31.8





#3

Pvridine

Concen: 29.121 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

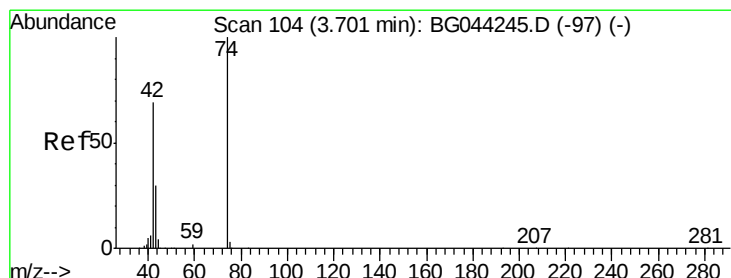
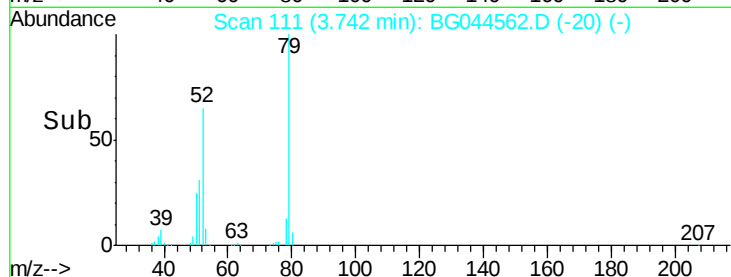
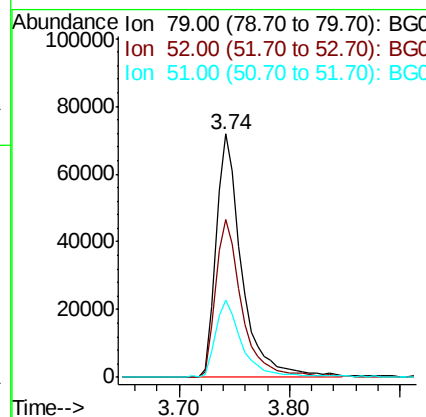
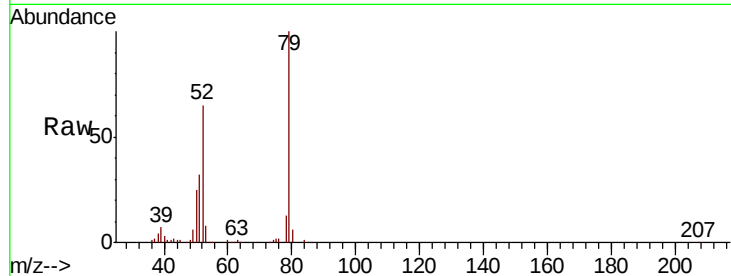
ClientSampleId :

BU-03-021820MS

Tot Ion:	79	Resp:	114696
Ion Ratio	Lower	Upper	
79	100		
52	64.7	53.0	79.4
51	31.7	25.7	38.5

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#4

n-Nitrosodimethylamine

Concen: 46.478 ng

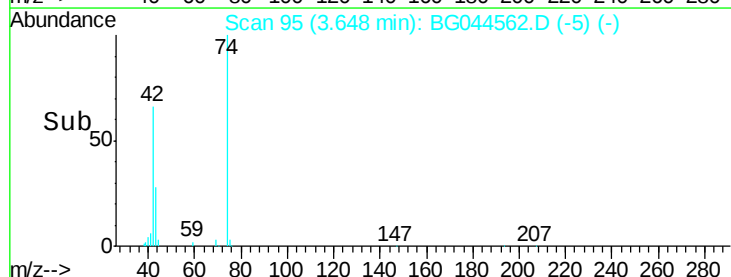
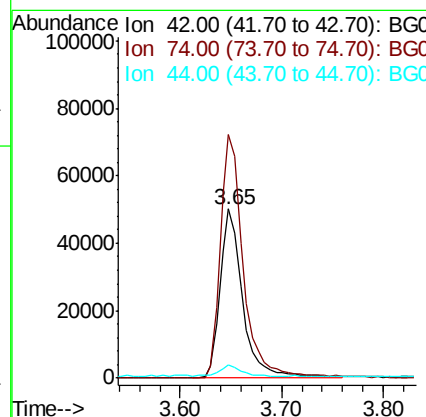
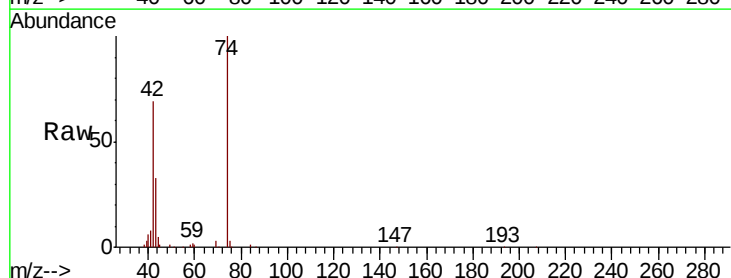
RT: 3.65 min Scan# 95

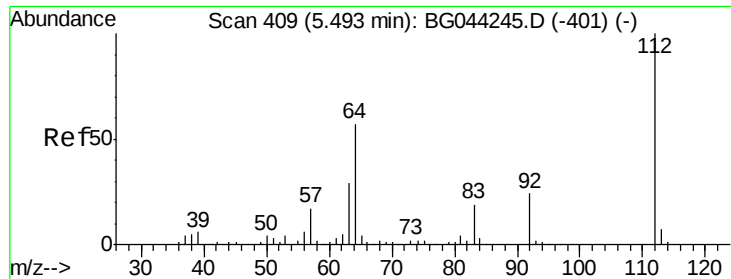
Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	42	Resp:	76495
Ion Ratio	Lower	Upper	
42	100		
74	144.2	118.4	177.6
44	7.5	6.0	9.0





#5

2-Fluorophenol

Concen: 143.038 ng

RT: 5.46 min Scan# 404

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

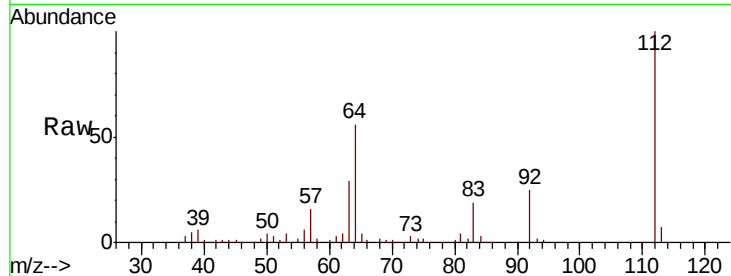
ClientSampleId :

BU-03-021820MS

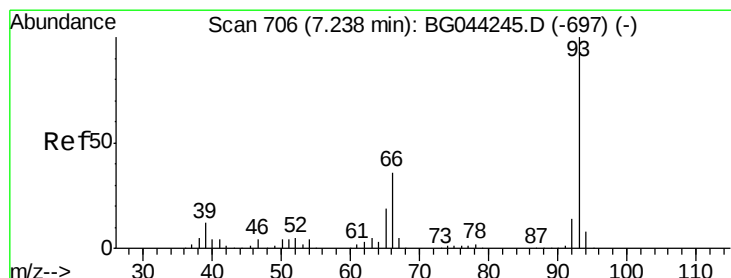
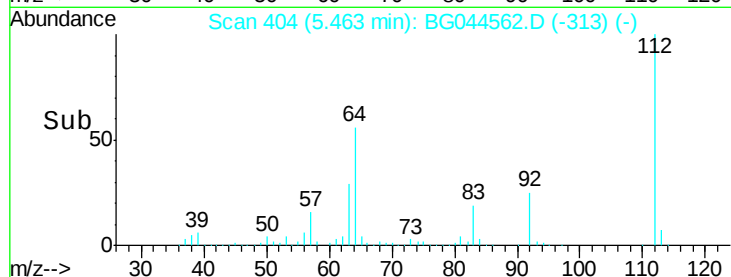
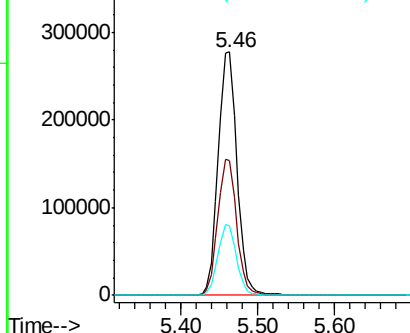
Tot Ion:	112	Resp:	470641
Ion Ratio	Lower	Upper	
112	100		
64	55.6	44.5	66.7
63	28.6	22.2	33.2

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



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



#6

Aniline

Concen: 25.039 ng

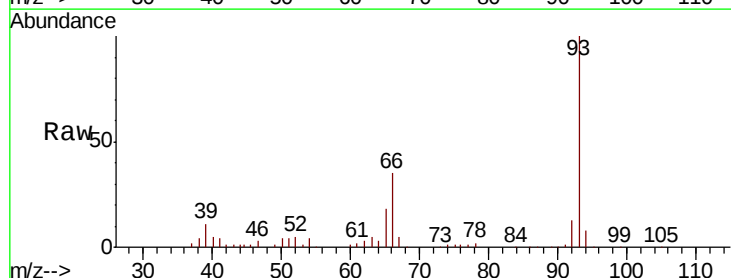
RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

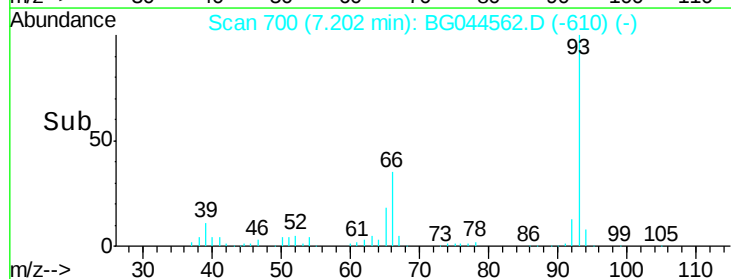
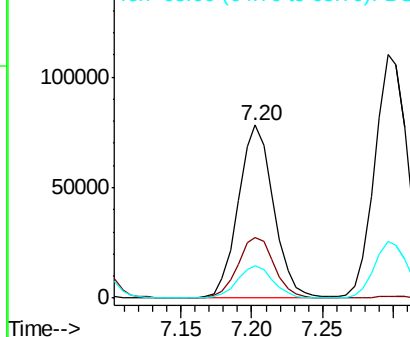
Lab File: BG044562.D

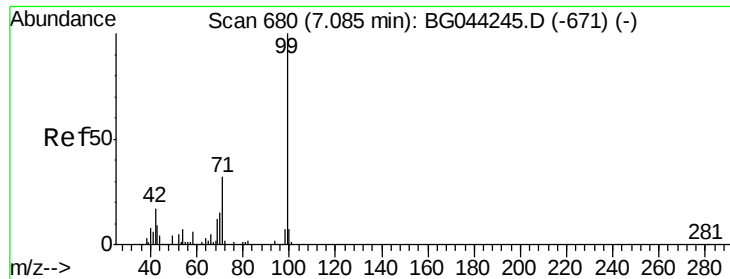
Acq: 21 Feb 2020 23:30

Tgt Ion:	93	Resp:	137326
Ion Ratio	Lower	Upper	
93	100		
66	35.4	29.6	44.4
65	18.5	15.0	22.4



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





#7

Phenol-d6

Concen: 128.189 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

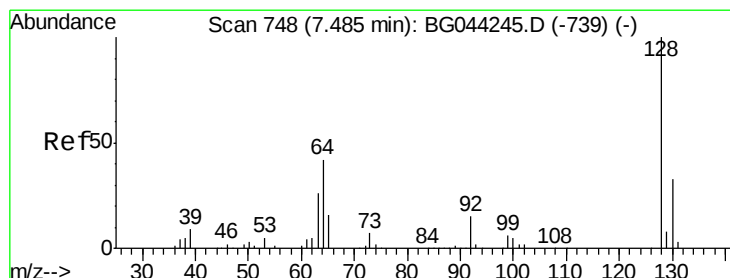
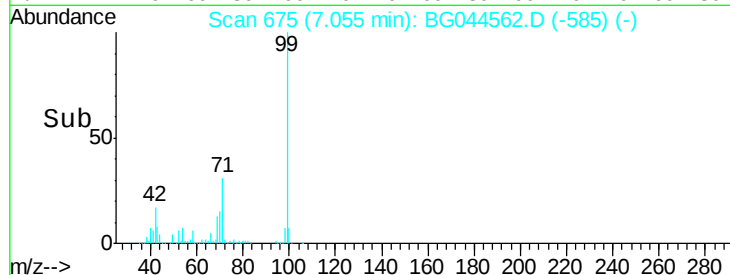
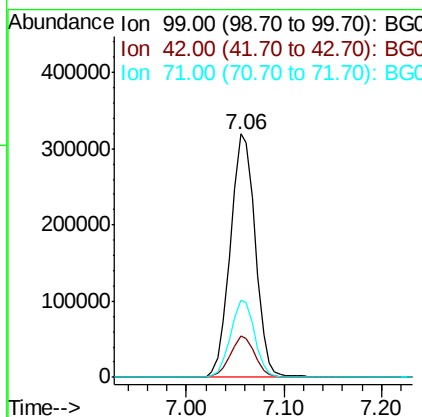
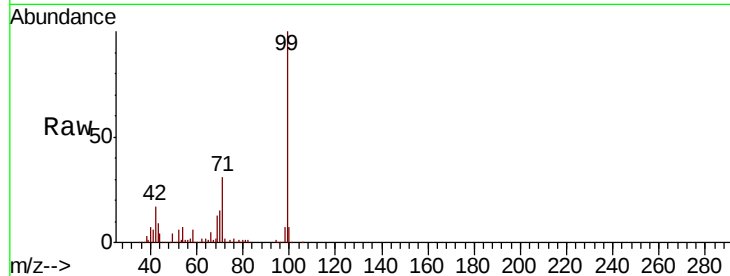
ClientSampleId :

BU-03-021820MS

Tot Ion:	99	Resp:	566392
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.4	20.0
71	31.5	24.7	37.1

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#8

2-Chlorophenol

Concen: 54.384 ng

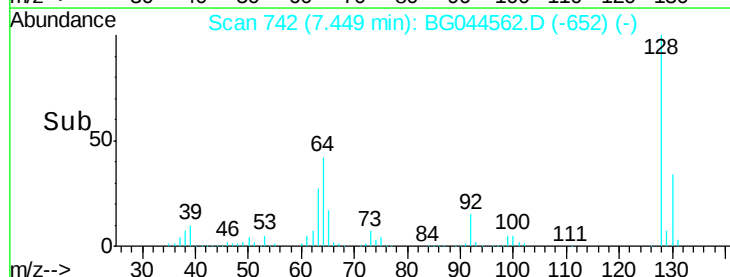
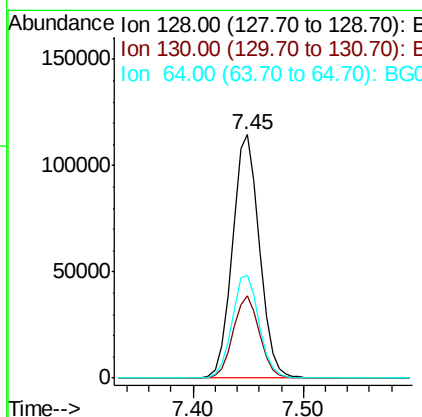
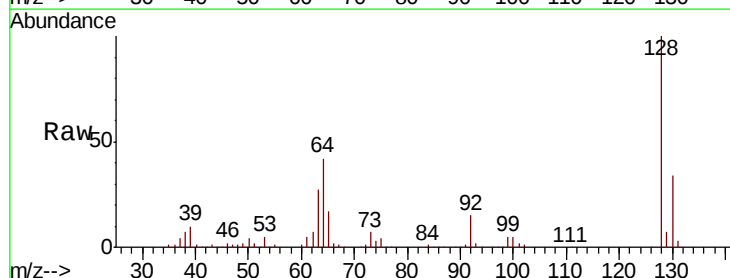
RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	128	Resp:	196663
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.5	52.5
64	42.2	22.7	62.7





#9

Benzaldehyde

Concen: 34.502 ng

RT: 7.01 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

BU-03-021820MS

Tot Ion: 77 Resp: 86823

Ion Ratio Lower Upper

77 100

105 104.7 80.0 120.0

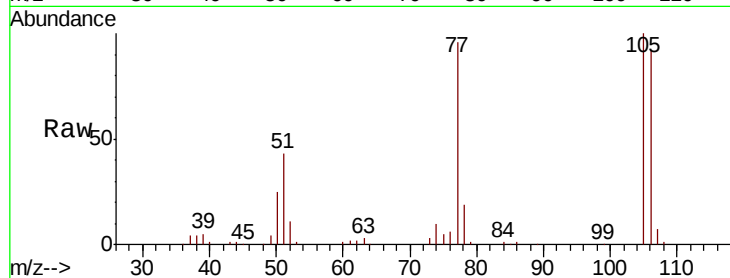
106 96.2 75.4 115.4

Manual Integrations

APPROVED

mohammad

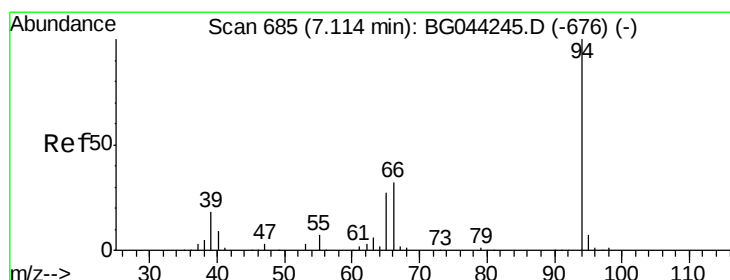
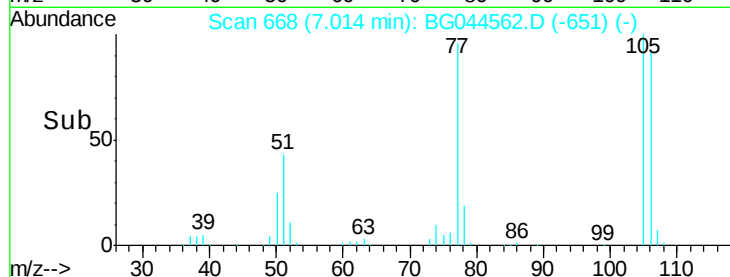
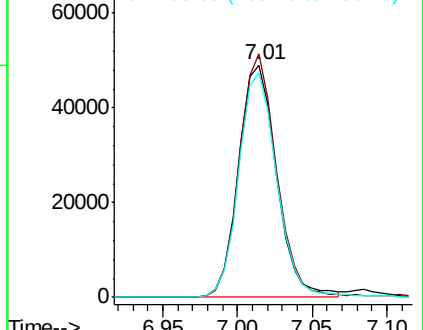
2/24/2020 3:30:28 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.181 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

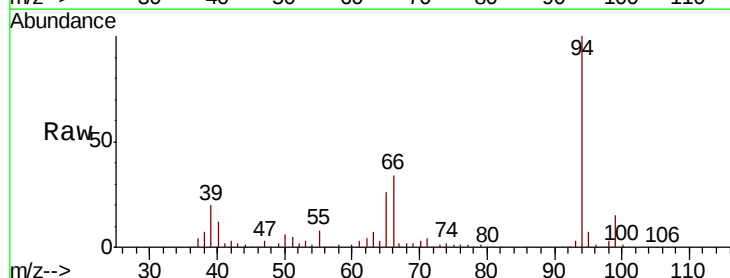
Tgt Ion: 94 Resp: 210685

Ion Ratio Lower Upper

94 100

65 25.9 7.3 47.3

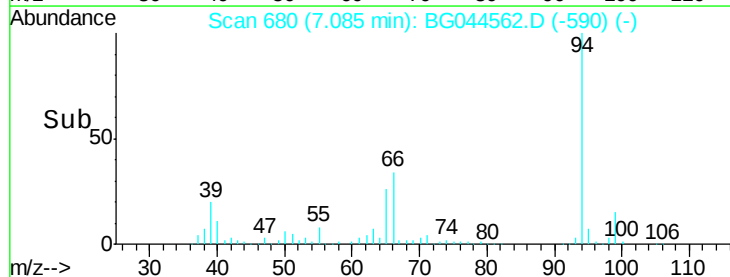
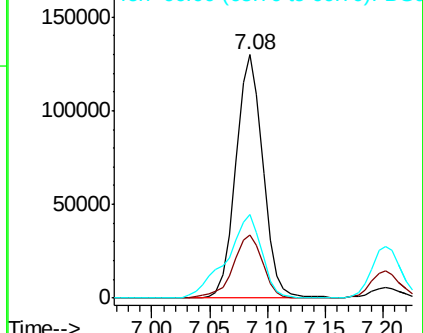
66 34.1 15.4 55.4

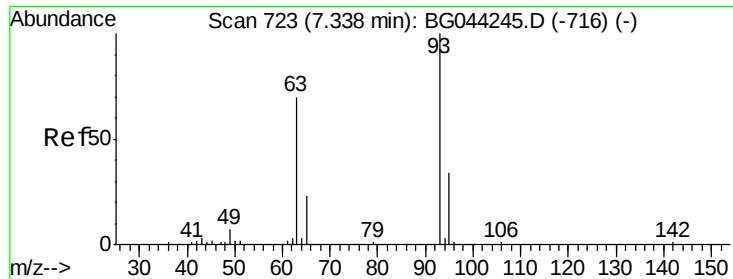


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





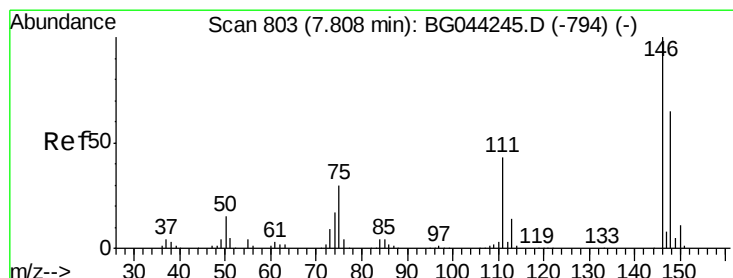
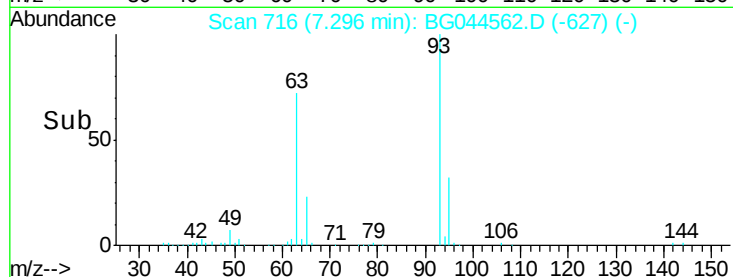
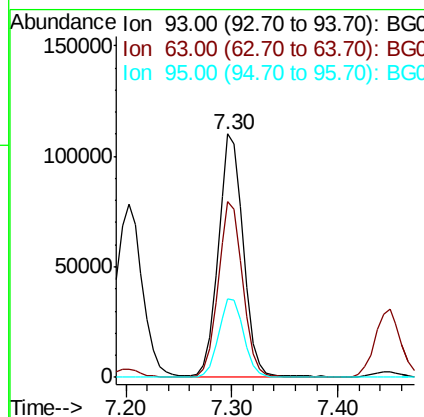
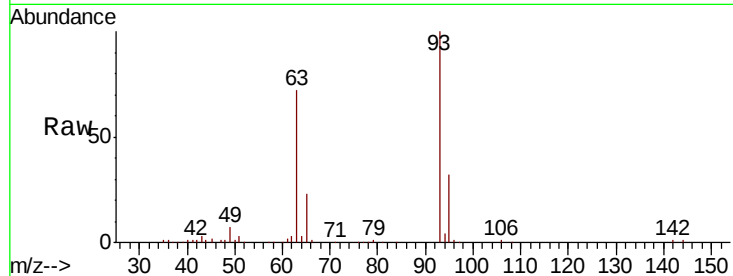
#11
bis(2-Chloroethyl)ether
Concen: 48.740 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		182208		
63	72.1	50.8	90.8		
95	32.3	11.7	51.7		

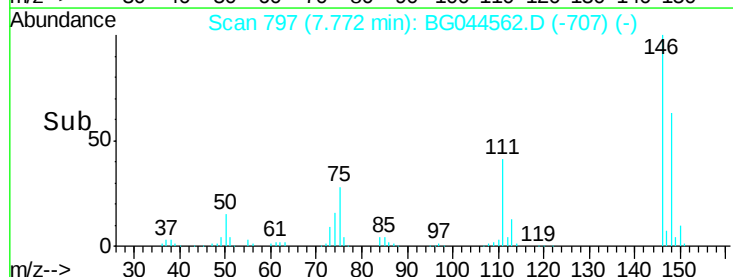
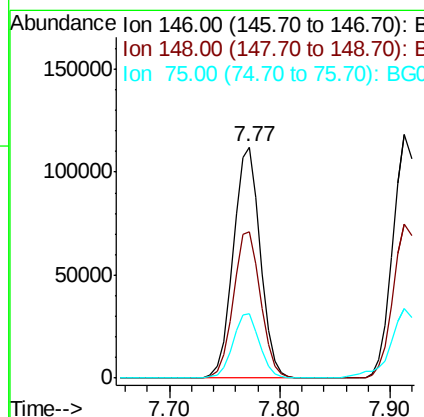
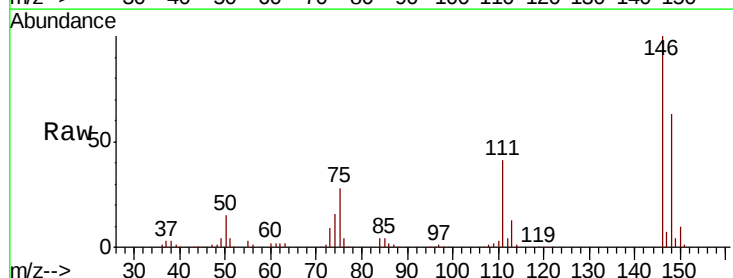
Manual Integrations
APPROVED

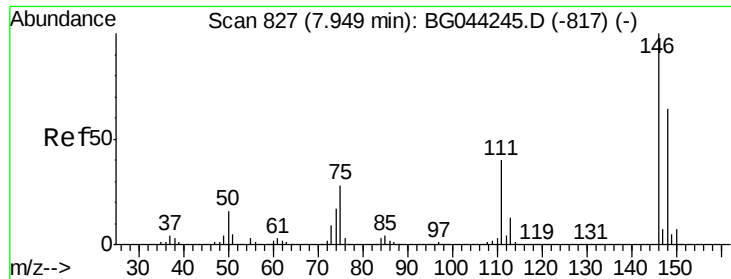
mohammad
2/24/2020 3:30:28 PM



#12
1,3-Dichlorobenzene
Concen: 44.571 ng
RT: 7.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		192436		
148	63.3	51.4	77.2		
75	28.2	21.9	32.9		





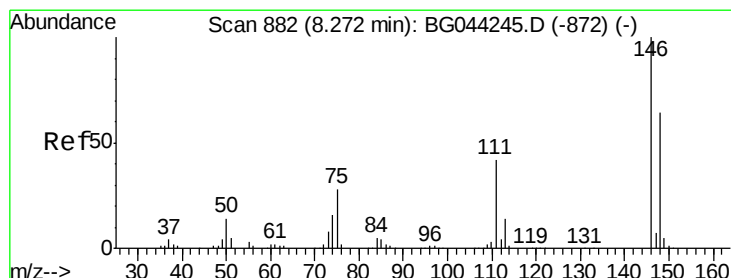
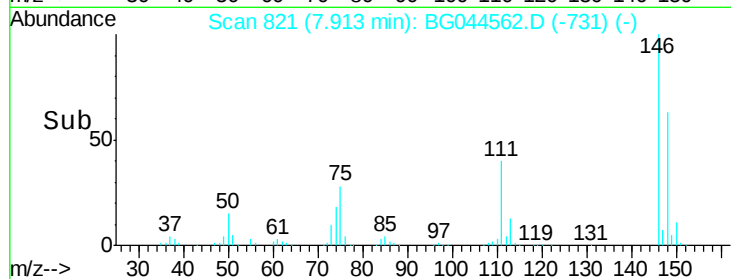
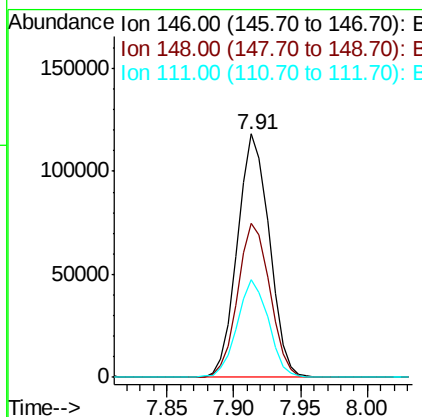
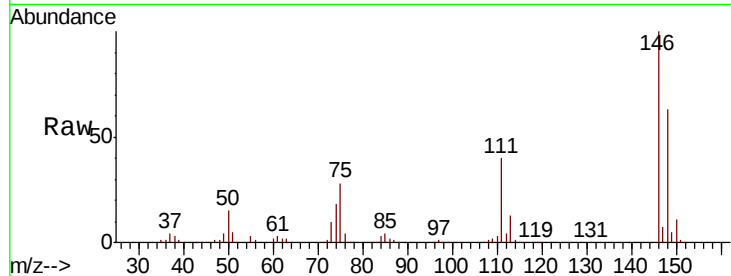
#13
 1,4-Dichlorobenzene
 Concen: 45.847 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.9	74.9
111	40.0	31.0	46.6

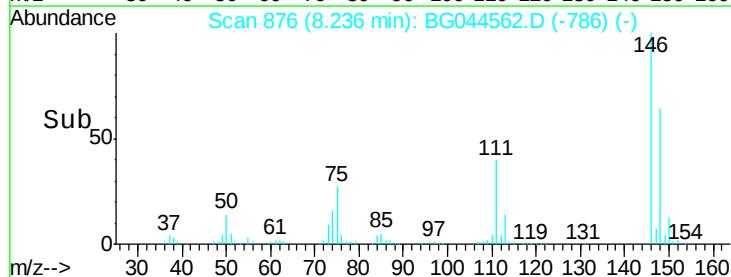
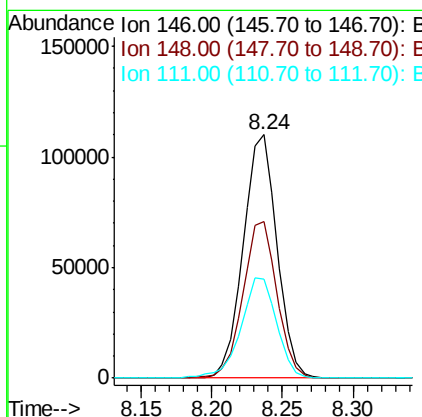
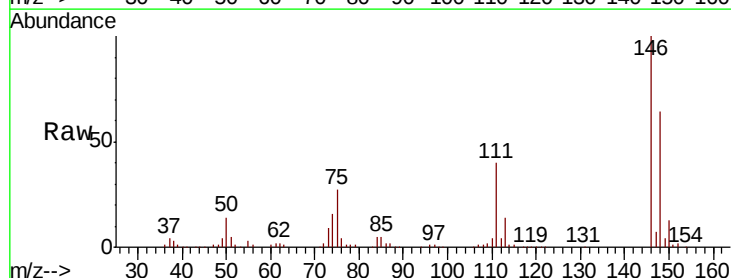
Manual Integrations
 APPROVED

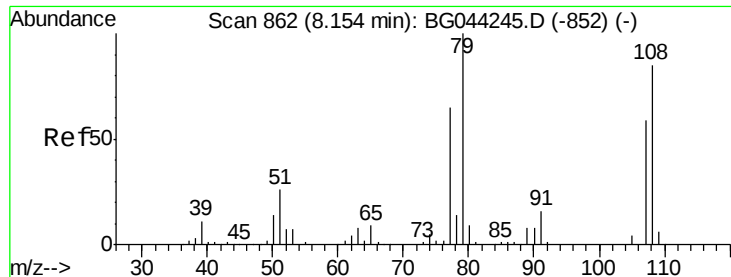
mohammad
 2/24/2020 3:30:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.636 ng
 RT: 8.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	40.5	33.1	49.7





#15

Benzyl Alcohol

Concen: 51.462 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

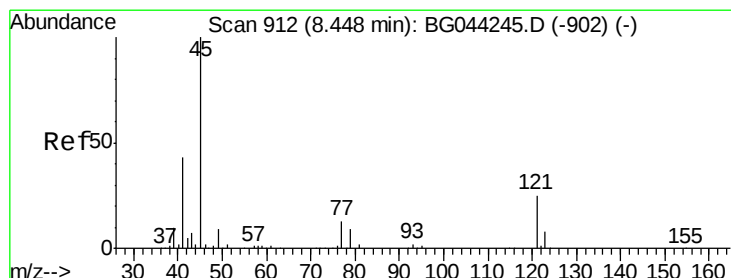
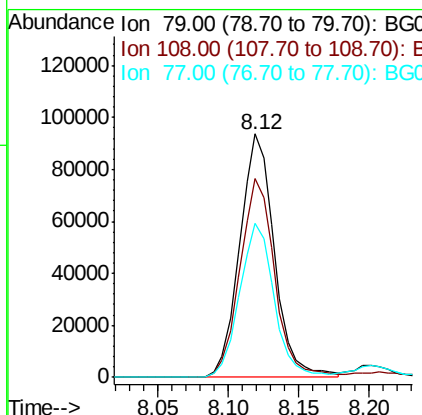
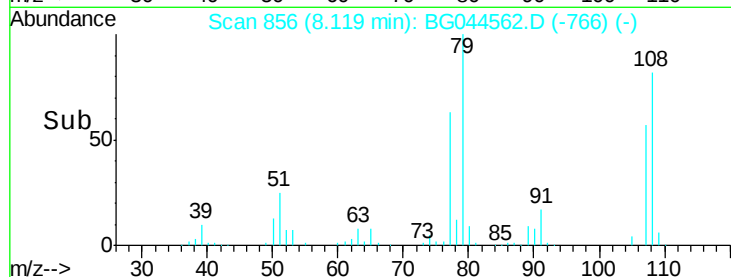
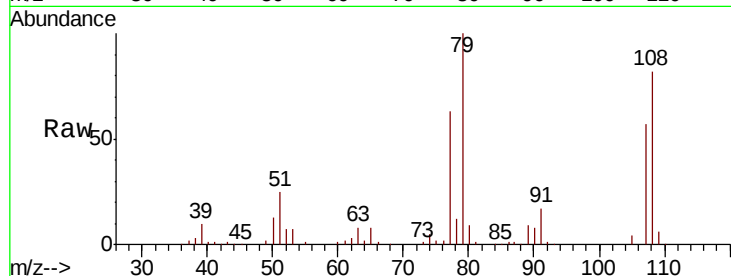
ClientSampleId :

BU-03-021820MS

Tot Ion:	79	Resp:	160979
Ion Ratio	Lower	Upper	
79	100		
108	81.5	66.0	99.0
77	63.2	50.7	76.1

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.926 ng

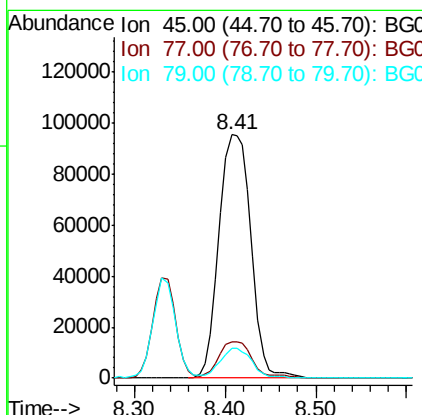
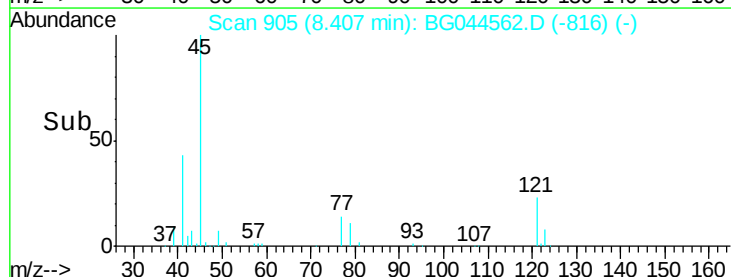
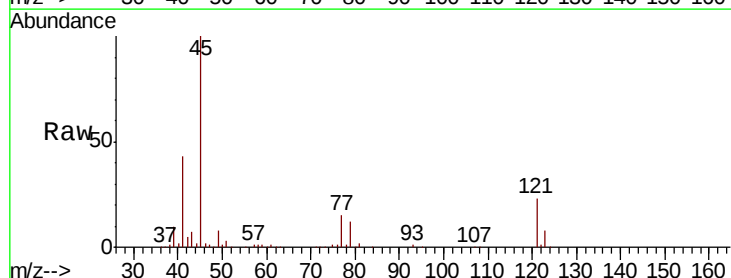
RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	45	Resp:	232380
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.2
79	12.1	0.0	30.9





#17

2-Methylphenol

Concen: 51.665 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

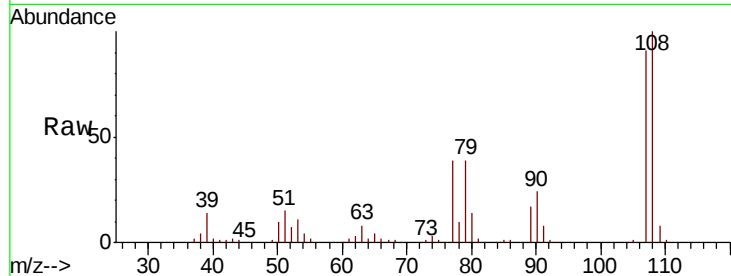
ClientSampleId :

BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	161187		
108	109.8	88.1	132.1	
77	43.3	33.8	50.6	
79	43.2	32.7	49.1	

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



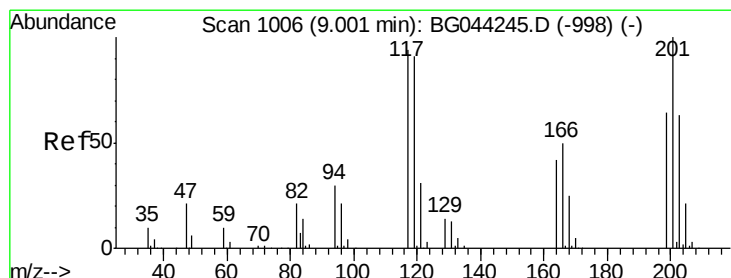
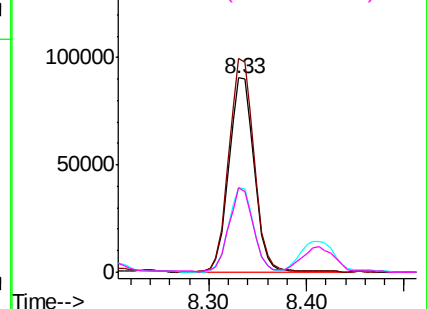
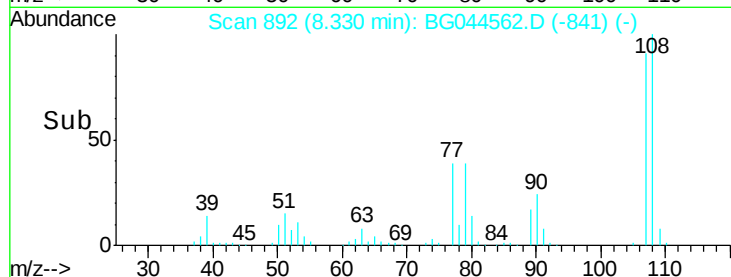
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.113 ng

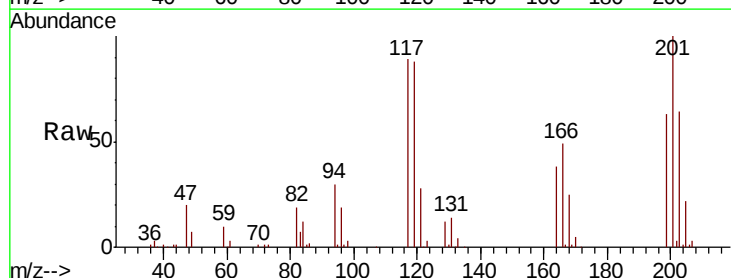
RT: 8.96 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69183		
119	98.4	75.5	113.3	
201	111.9	88.6	133.0	

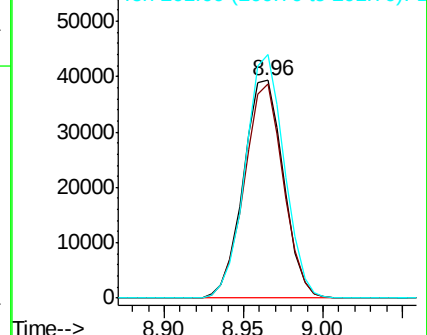
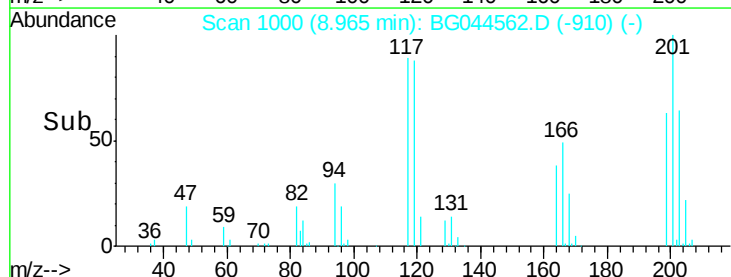


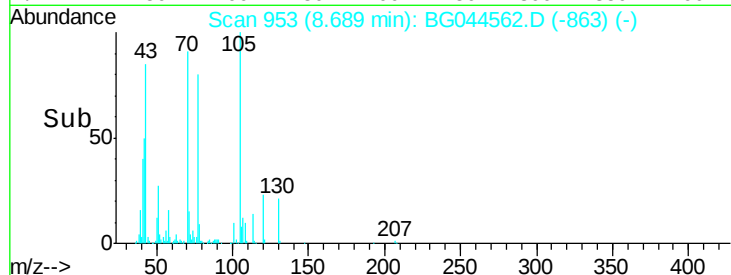
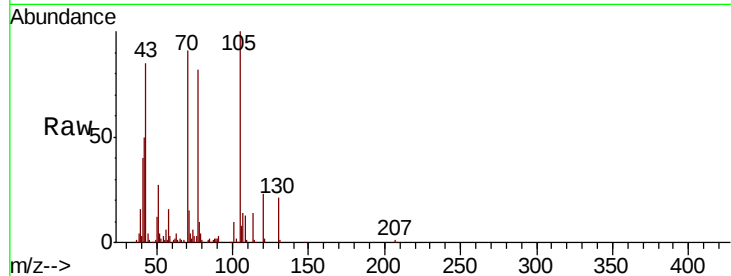
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





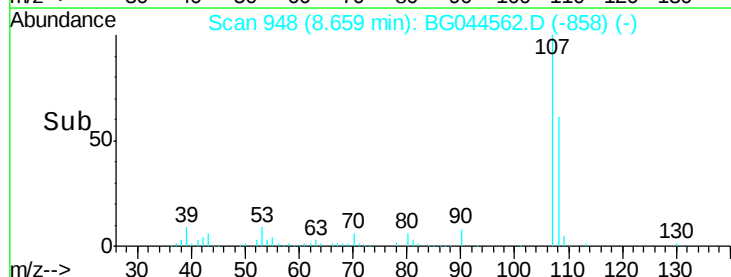
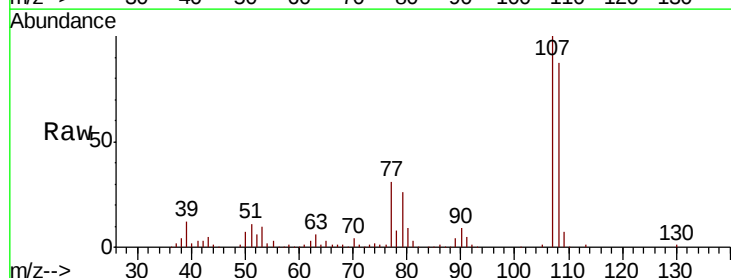
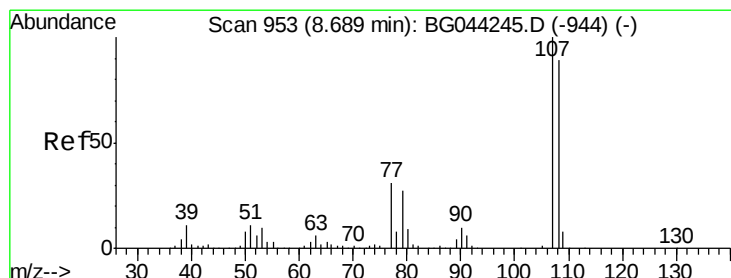
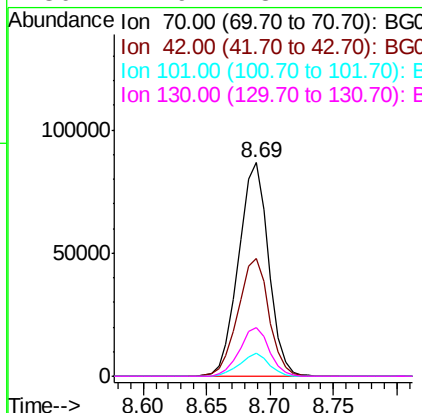
#19
n-Nitroso-di-n-propylamine
Concen: 48.389 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.0	66.0
101	10.7	7.6	11.4
130	22.9	18.2	27.2

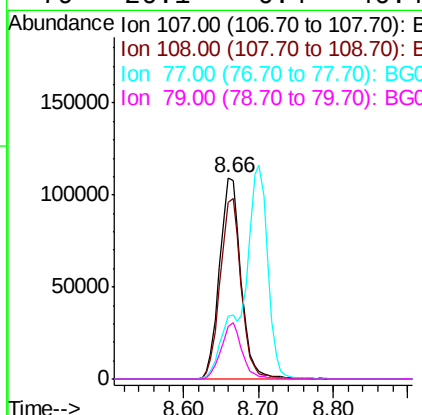
Manual Integrations
APPROVED

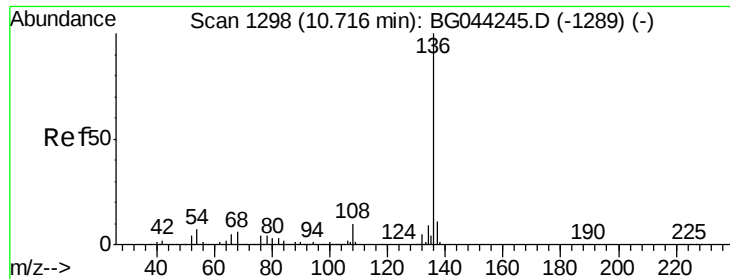
mohammad
2/24/2020 3:30:28 PM



#20
3+4-Methylphenols
Concen: 50.966 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.2	109.2
77	30.9	10.5	50.5
79	26.1	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

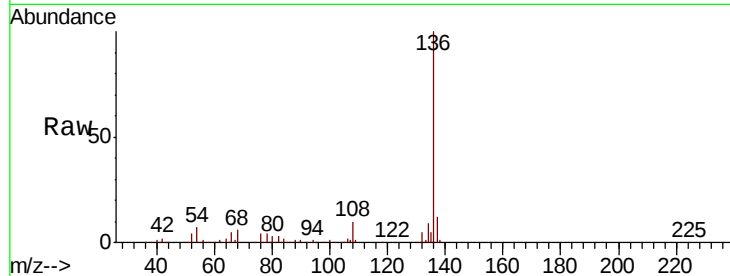
ClientSampleId :

BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	230520		
137	11.6	9.0	13.6	
54	7.3	5.5	8.3	
68	5.8	4.6	6.8	

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



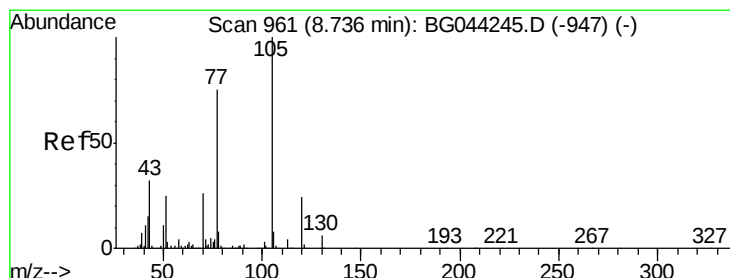
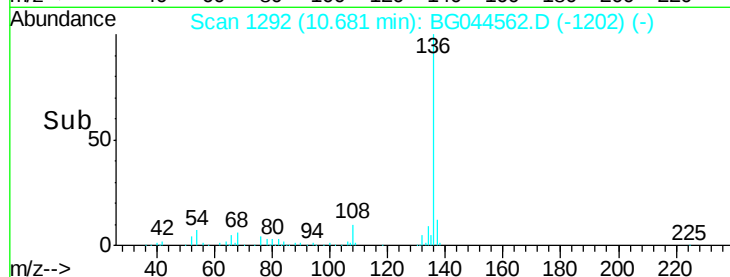
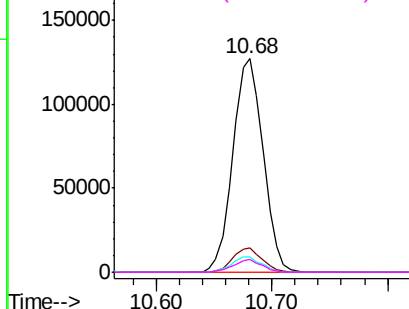
Abundance

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: 48.149 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270014		
71	4.7	4.2	6.4	
51	25.1	20.1	30.1	
120	23.6	18.9	28.3	

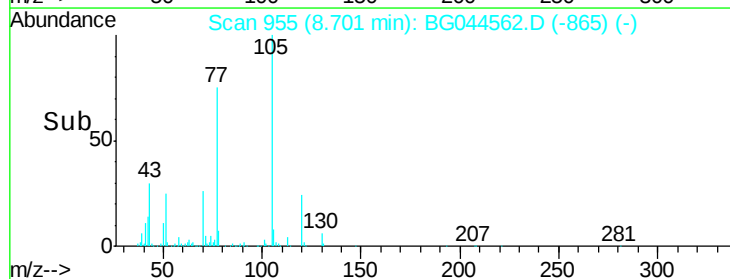
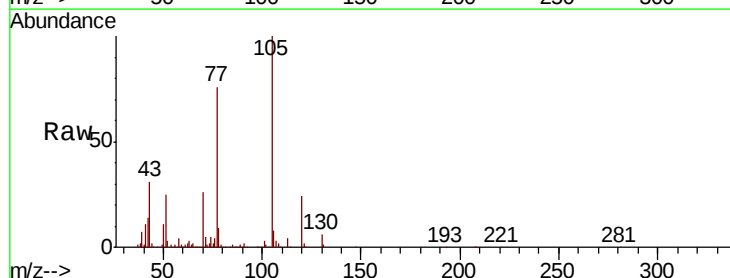
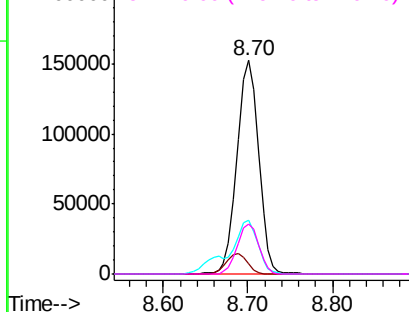
Abundance

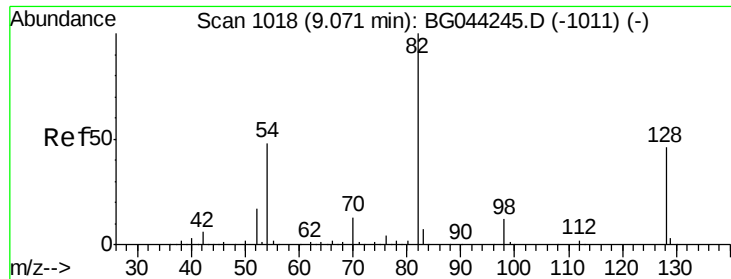
Ion 105.00 (104.70 to 105.70): E

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





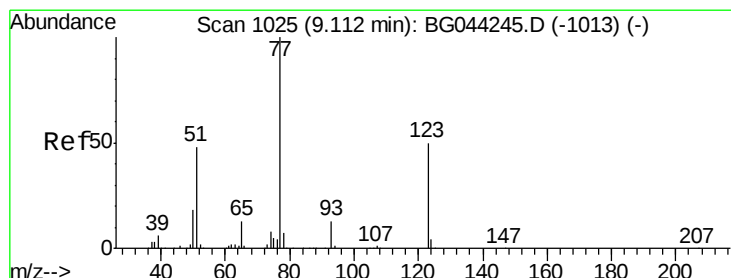
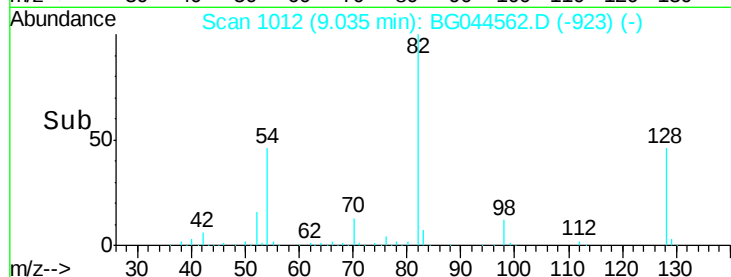
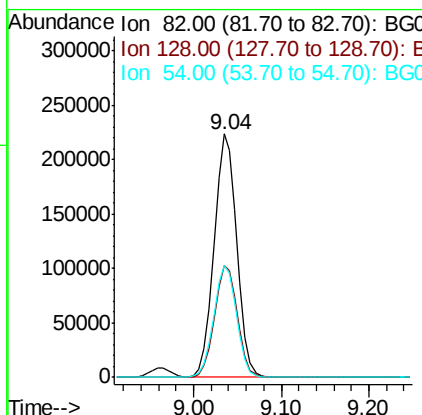
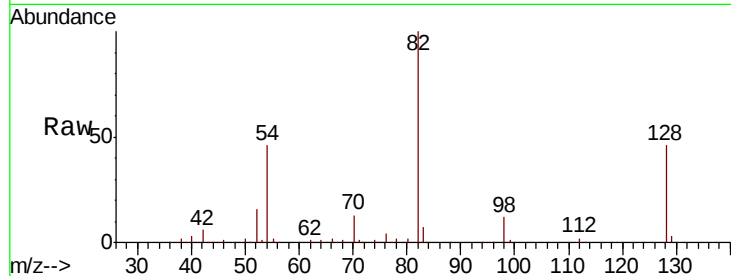
#23
 Nitrobenzene-d5
 Concen: 98.351 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.1	58.7
54	46.0	37.9	56.9

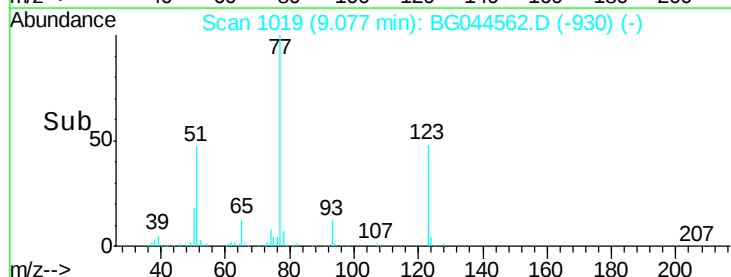
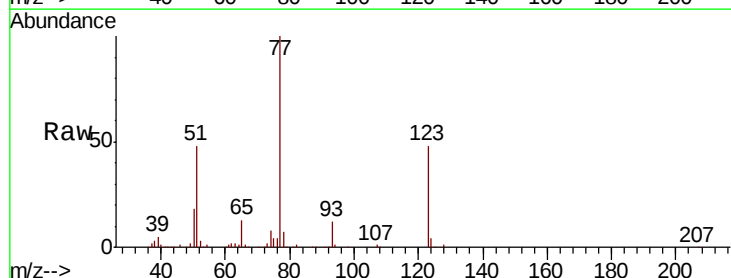
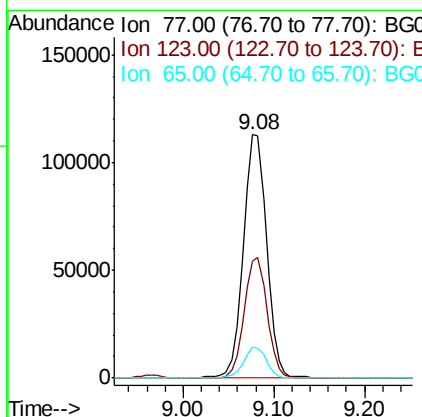
Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM



#24
 Nitrobenzene
 Concen: 50.605 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	40.2	60.2
65	12.6	10.8	16.2





#25

Isophorone

Concen: 52.903 ng

RT: 9.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

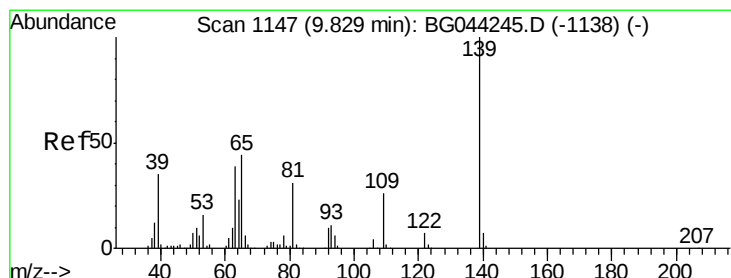
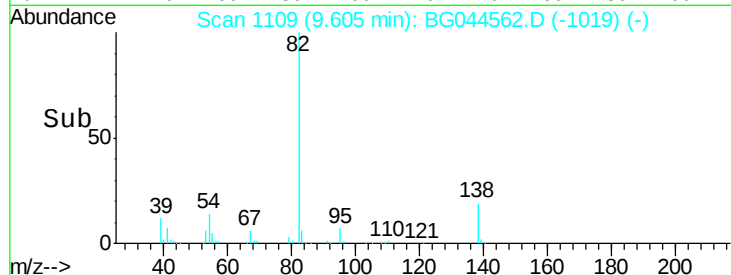
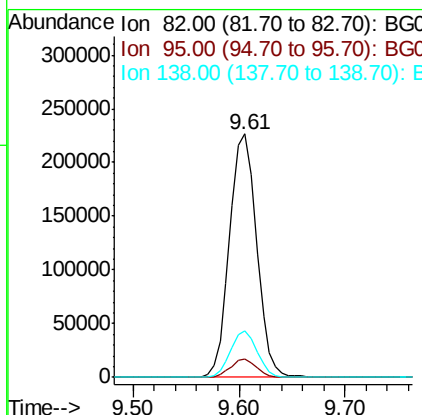
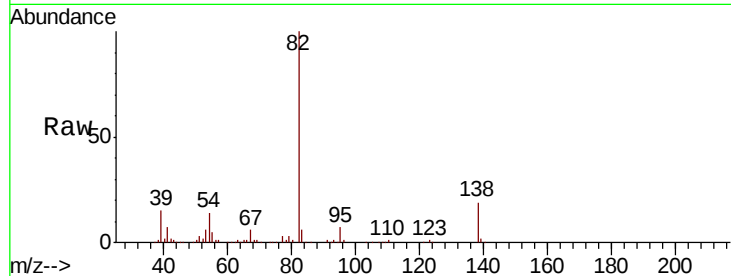
ClientSampleId :

BU-03-021820MS

Tot Ion:	82	Resp:	402616
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.5	8.3
138	19.2	14.6	22.0

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#26

2-Nitrophenol

Concen: 54.802 ng

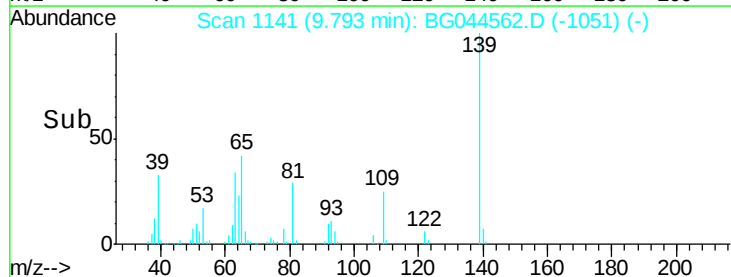
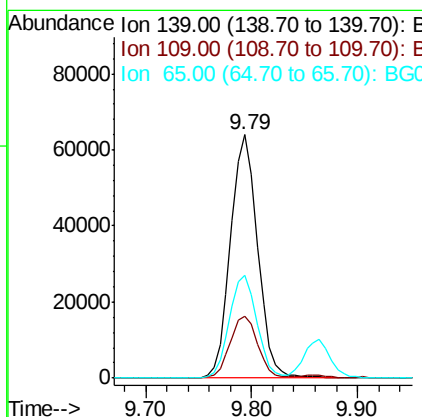
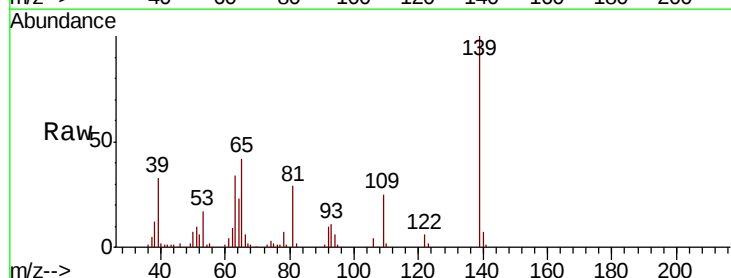
RT: 9.79 min Scan# 1141

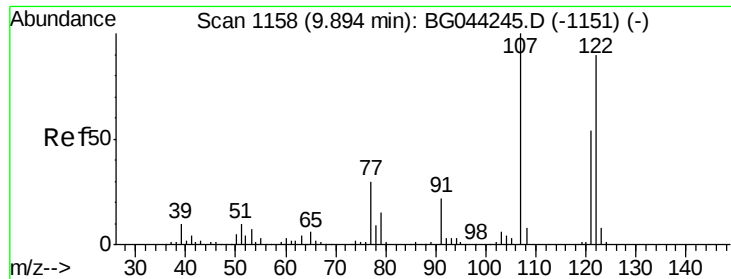
Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	139	Resp:	113351
Ion Ratio	Lower	Upper	
139	100		
109	25.4	20.1	30.1
65	42.4	35.4	53.2





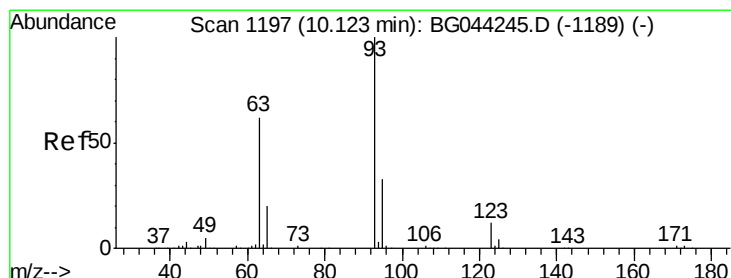
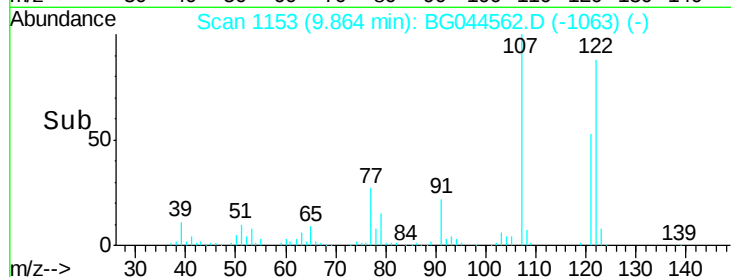
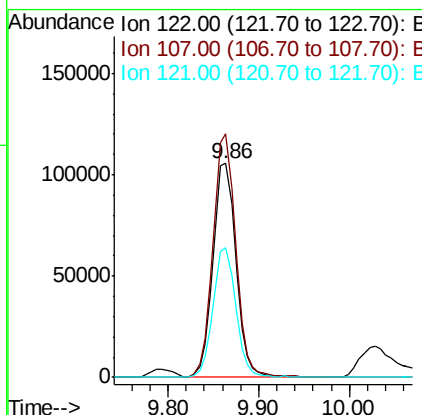
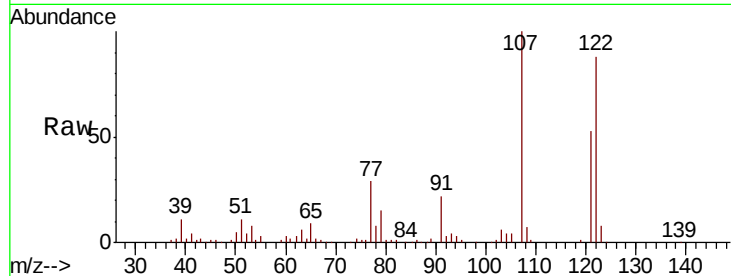
#27
2,4-Dimethylphenol
Concen: 63.759 ng
RT: 9.86 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.8	134.8
121	60.8	48.1	72.1

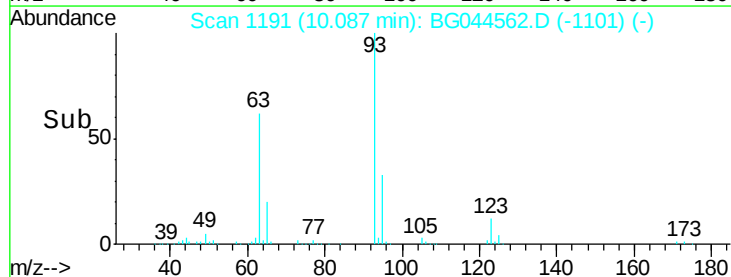
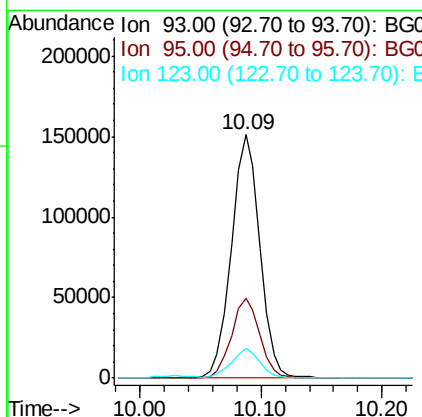
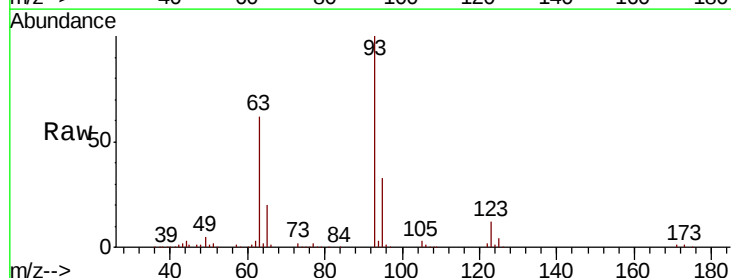
Manual Integrations
APPROVED

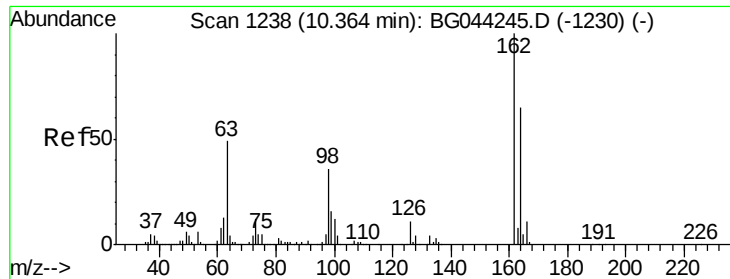
mohammad
2/24/2020 3:30:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.815 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	12.3	9.4	14.0





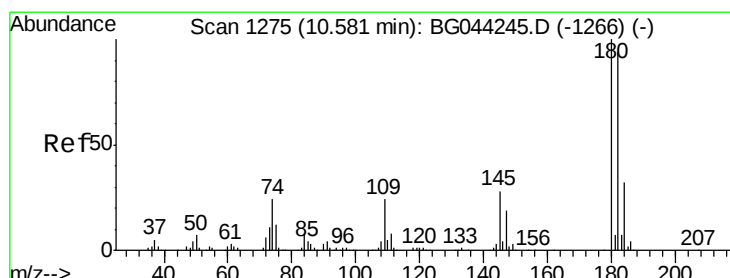
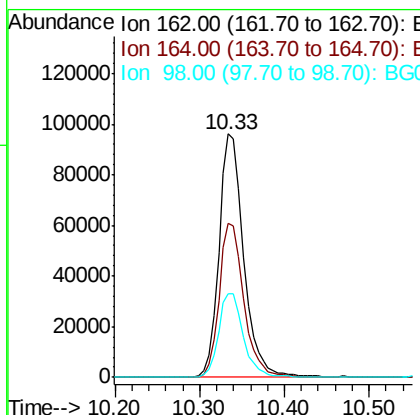
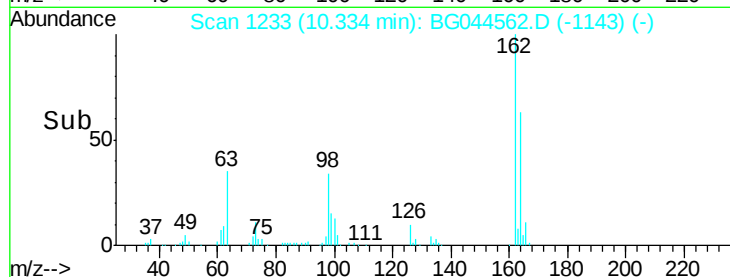
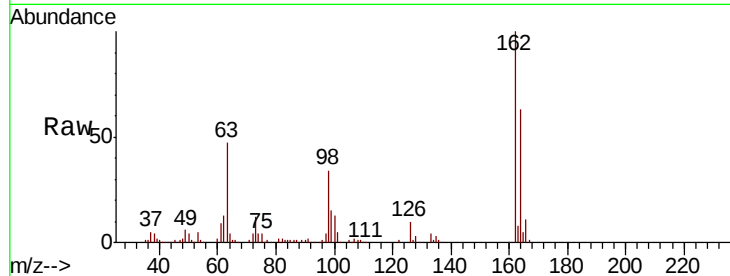
#29
2,4-Dichlorophenol
Concen: 55.238 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	45.5	85.5
98	34.4	15.1	55.1

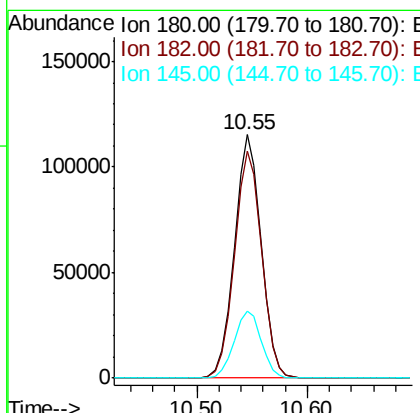
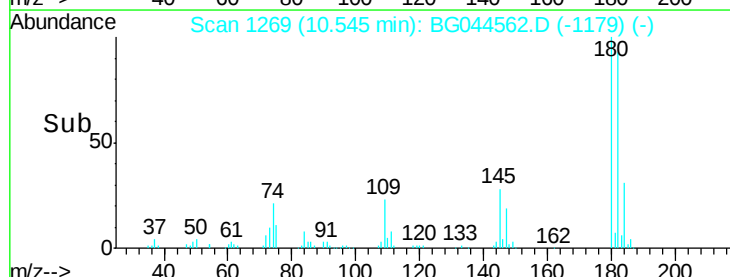
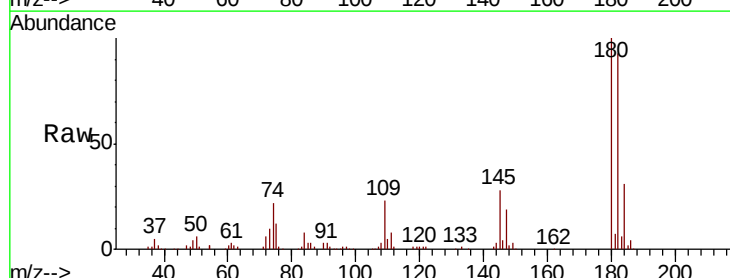
Manual Integrations
APPROVED

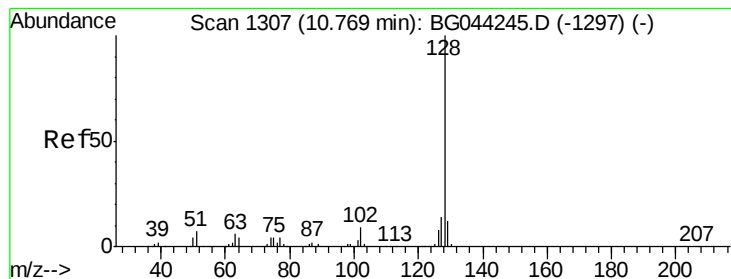
mohammad
2/24/2020 3:30:28 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.240 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	74.4	111.6
145	27.5	23.0	34.6





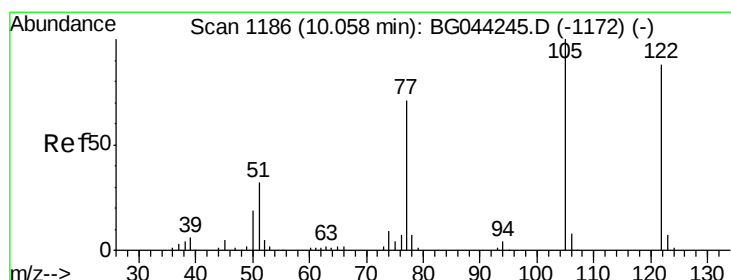
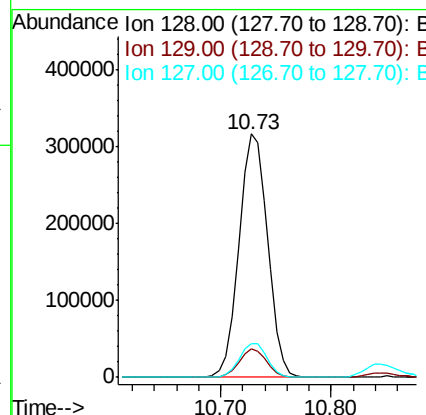
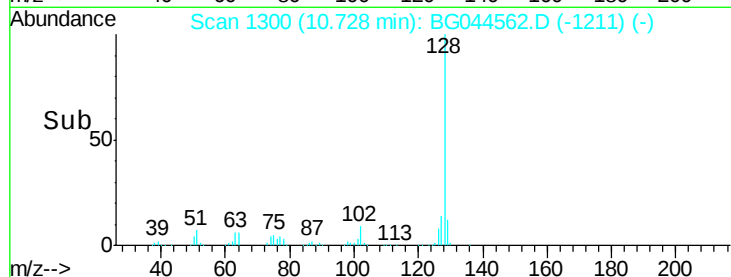
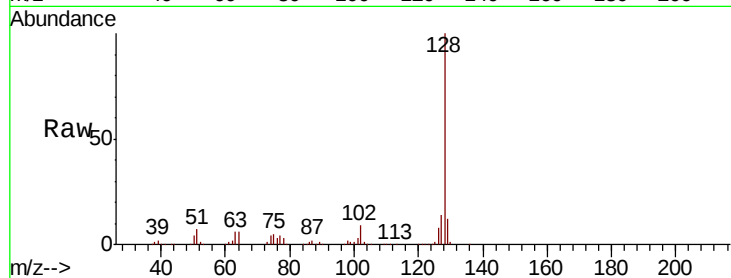
#31
Naphthalene
Concen: 51.608 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.0	11.4	17.0

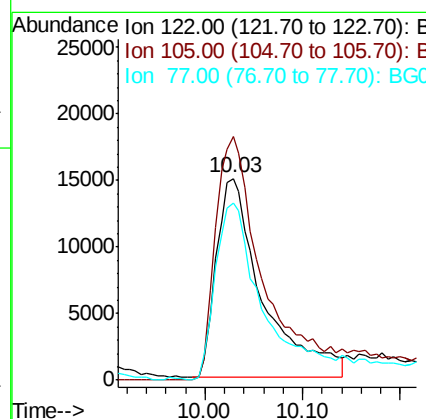
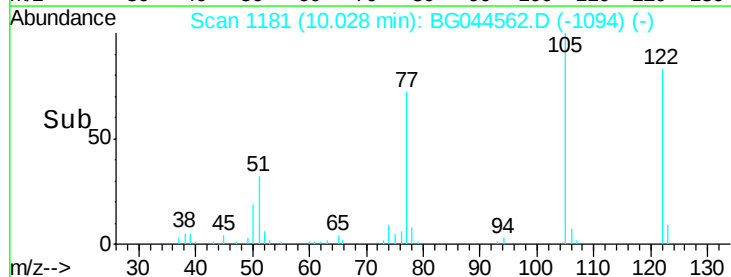
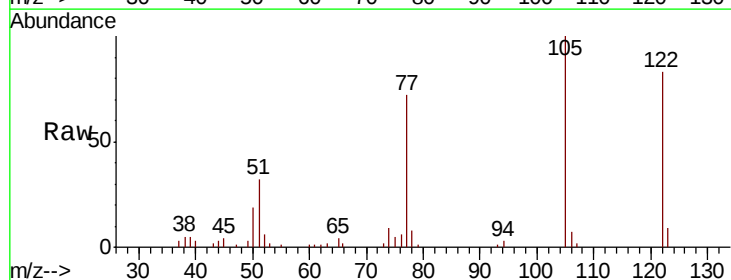
Manual Integrations
APPROVED

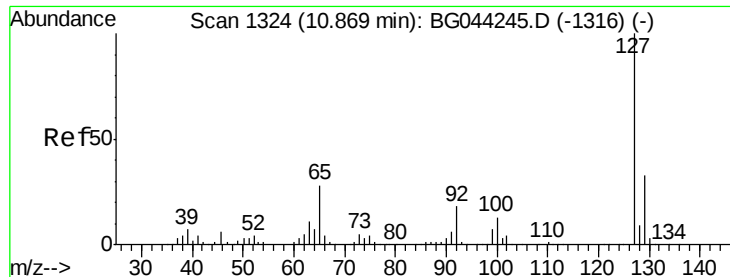
mohammad
2/24/2020 3:30:28 PM



#32
Benzoic acid
Concen: 32.376 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.4	141.4
77	87.5	68.6	108.6





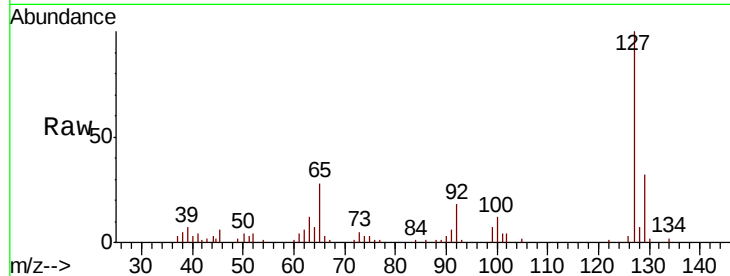
#33
 4-Chloroaniline
 Concen: 7.943 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

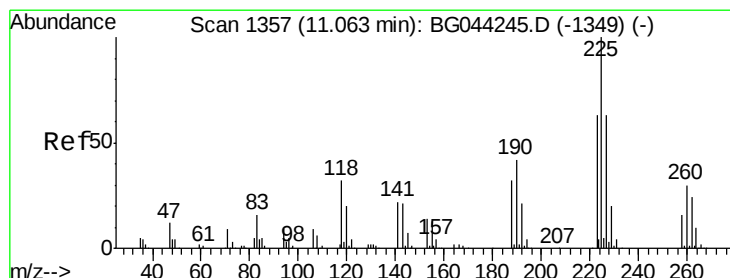
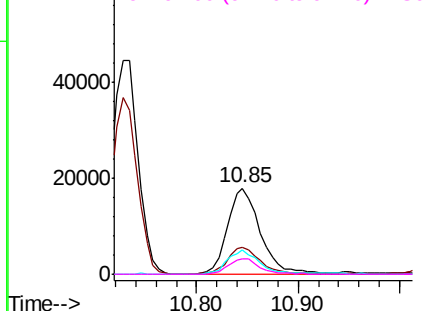
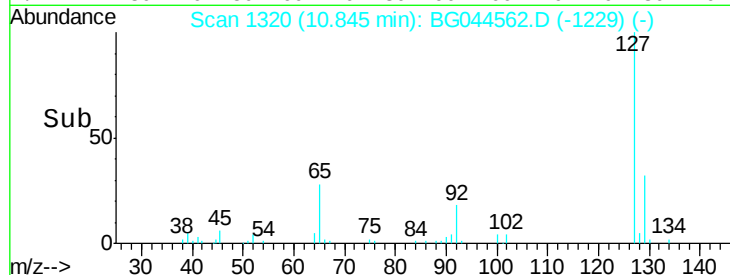
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.8	38.8		
65	27.7	22.1	33.1		
92	18.0	14.6	22.0		

Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM

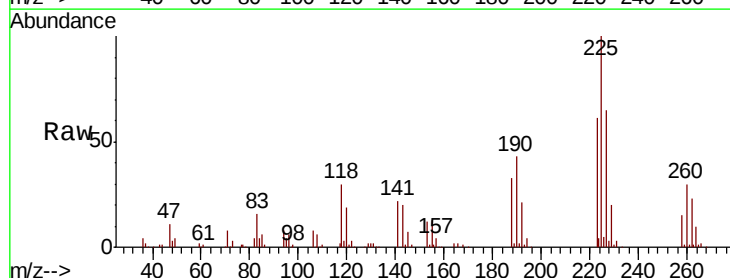


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

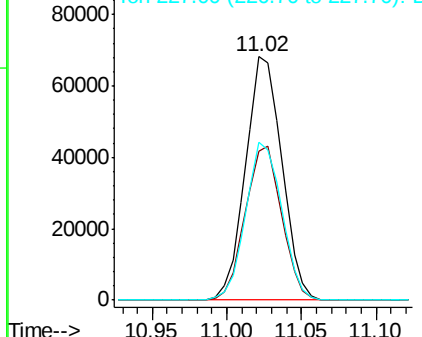
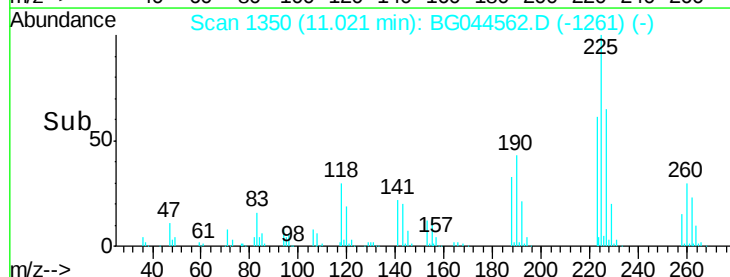


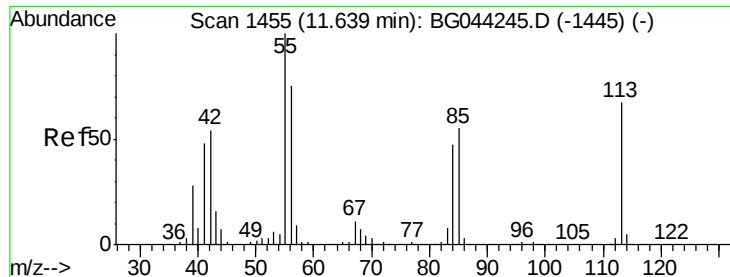
#34
 Hexachlorobutadiene
 Concen: 46.181 ng
 RT: 11.02 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.4	75.6		
227	64.6	51.0	76.6		



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





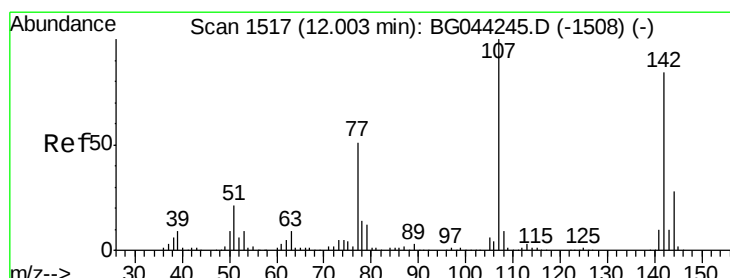
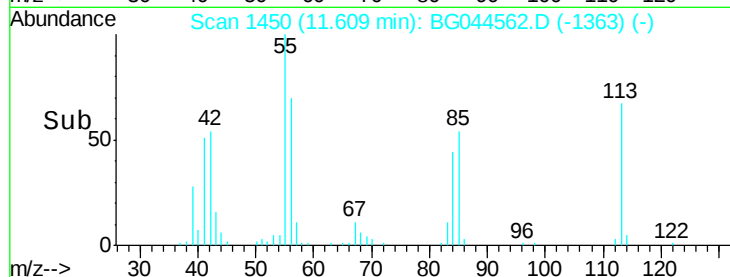
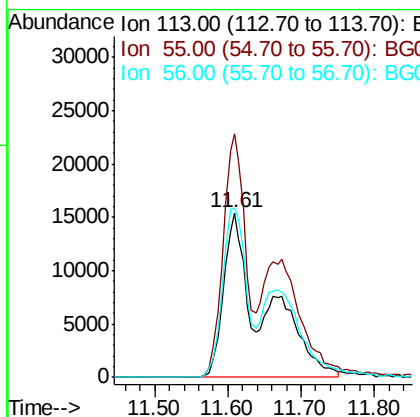
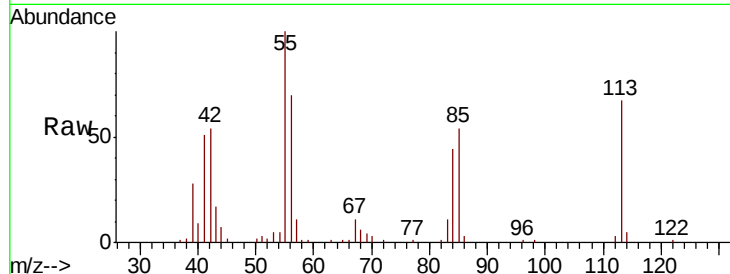
#35
Caprolactam
Concen: 45.489 ng/ml
RT: 11.61 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.2	126.4	166.4
56	103.3	85.8	125.8

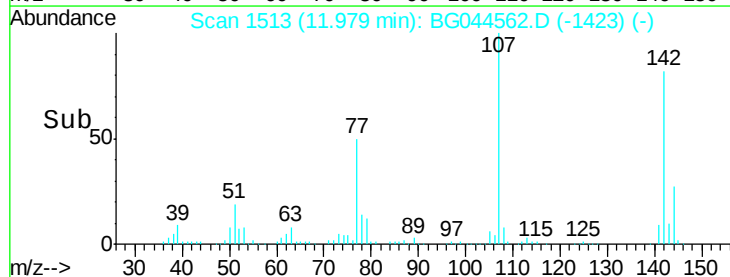
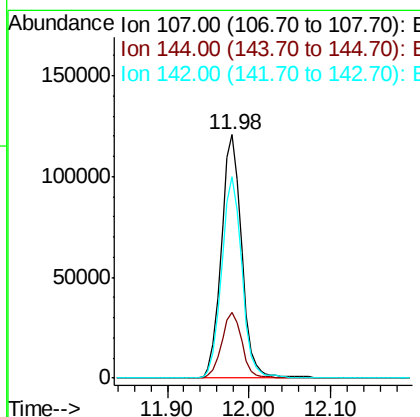
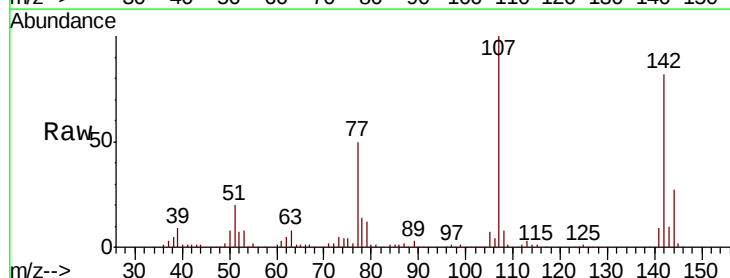
Manual Integrations
APPROVED

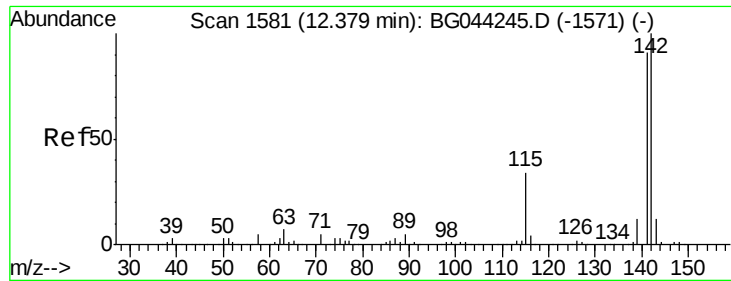
mohammad
2/24/2020 3:30:28 PM



#36
4-Chloro-3-methylphenol
Concen: 56.714 ng/ml
RT: 11.98 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.7	34.1
142	82.5	67.7	101.5





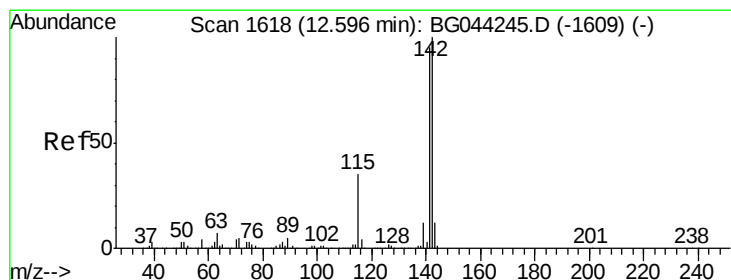
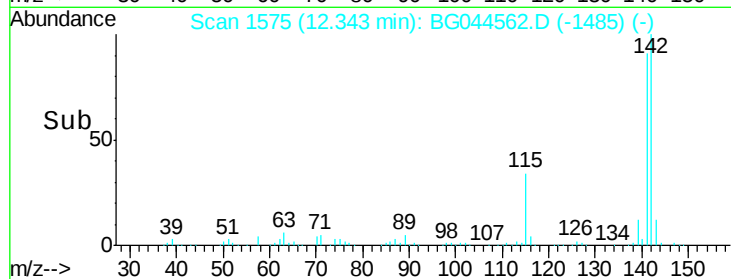
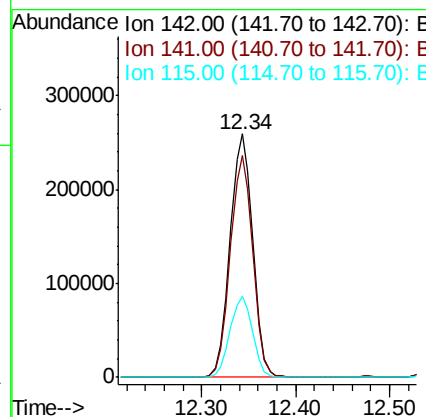
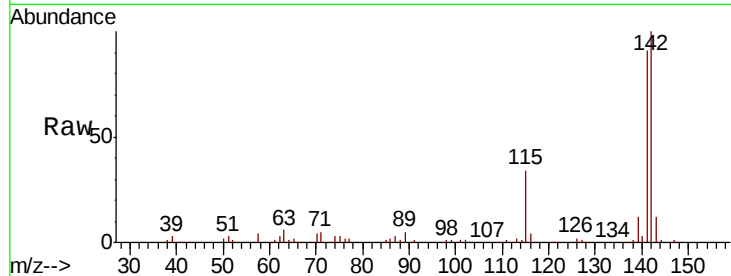
#37
2-Methylnaphthalene
Concen: 52.070 ng
RT: 12.34 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	33.5	26.7	40.1

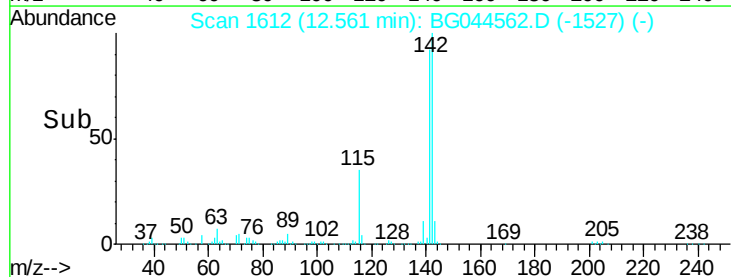
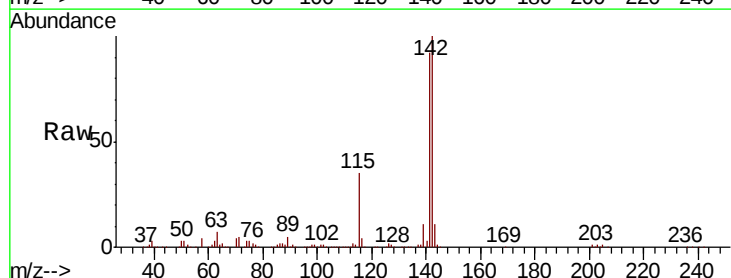
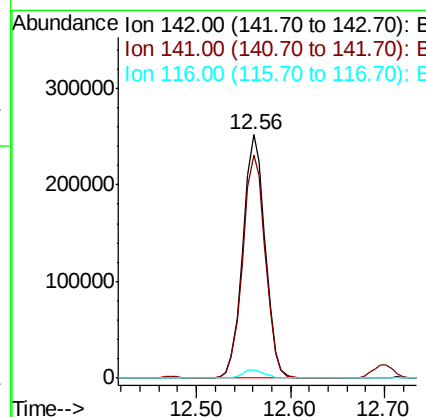
Manual Integrations
APPROVED

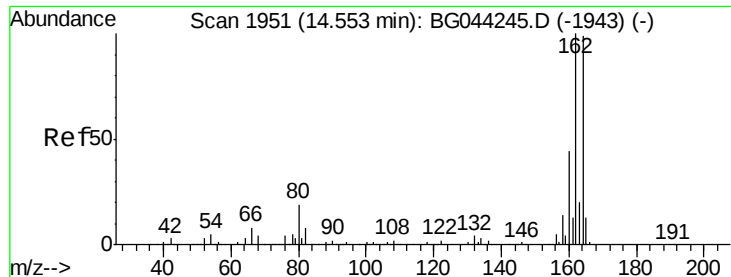
mohammad
2/24/2020 3:30:28 PM



#38
1-Methylnaphthalene
Concen: 52.667 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.1	112.7
116	3.6	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

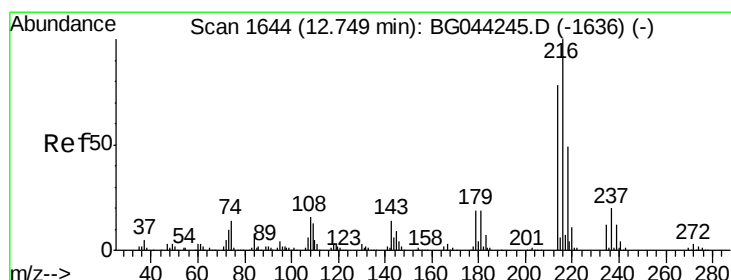
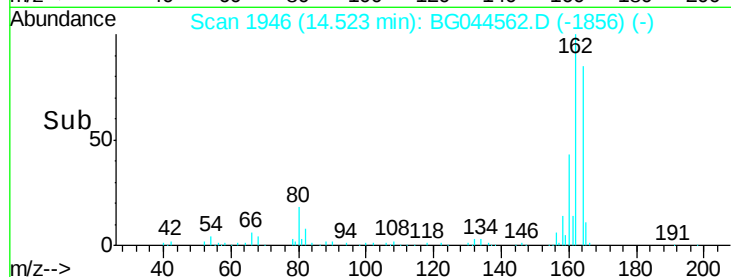
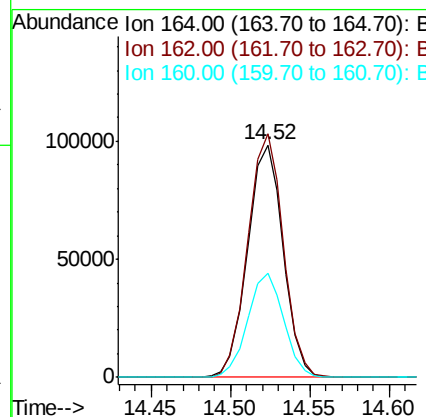
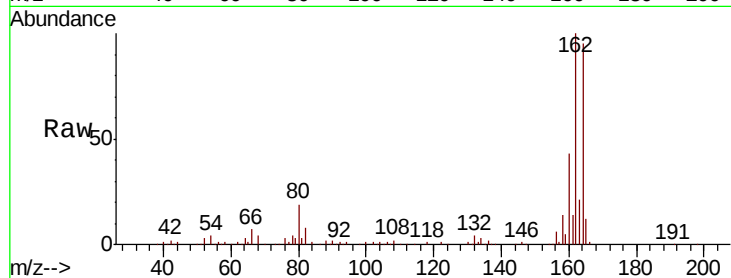
ClientSampleId :

BU-03-021820MS

Tot Ion:	164	Resp:	153041
Ion Ratio	Lower	Upper	
164	100		
162	104.7	81.9	122.9
160	44.6	35.5	53.3

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.665 ng

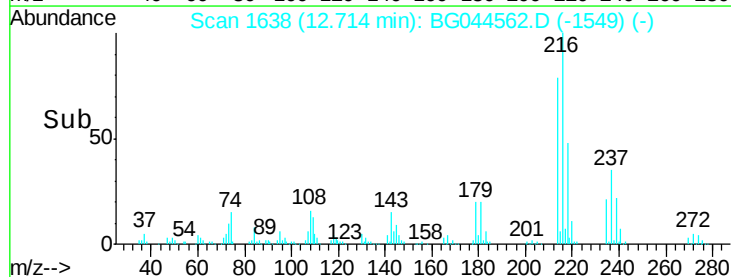
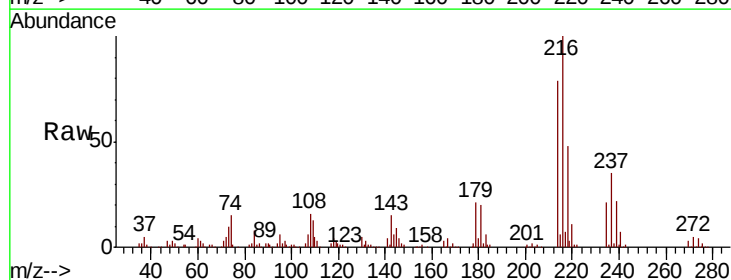
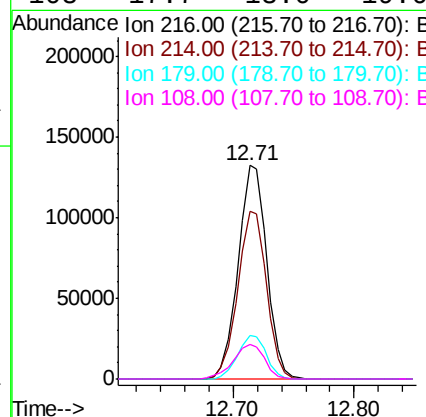
RT: 12.71 min Scan# 1638

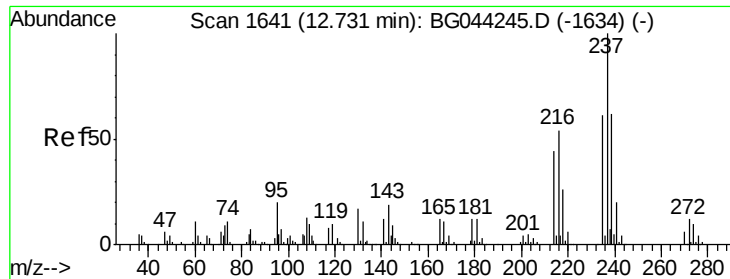
Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	216	Resp:	218207
Ion Ratio	Lower	Upper	
216	100		
214	79.0	64.0	96.0
179	20.6	16.3	24.5
108	17.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 87.586 ng

RT: 12.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

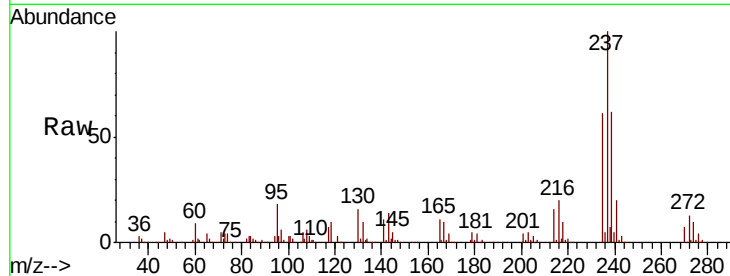
ClientSampleId :

BU-03-021820MS

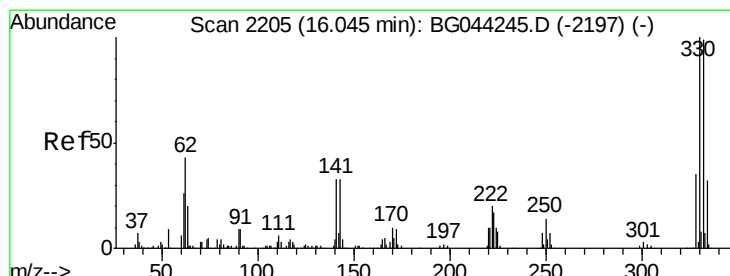
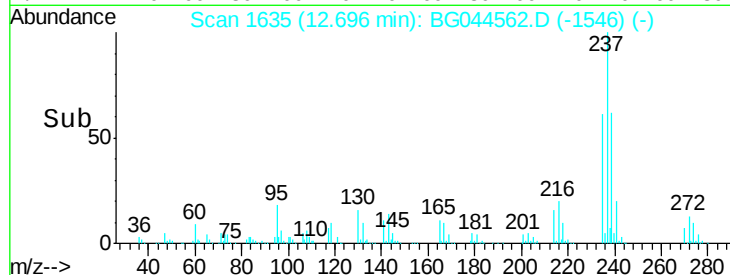
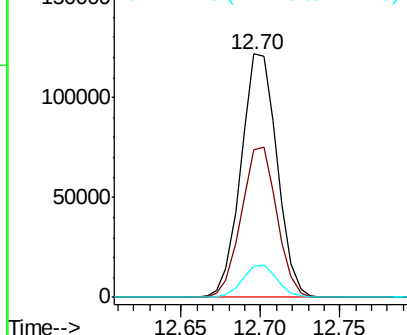
Tot Ion:	237	Resp:	192394
Ion Ratio	Lower	Upper	
237	100		
235	60.7	41.7	81.7
272	12.6	0.0	33.4

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 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: 159.543 ng

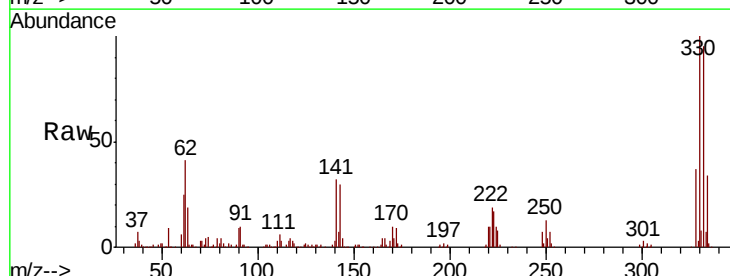
RT: 16.02 min Scan# 2200

Delta R.T. 0.00 min

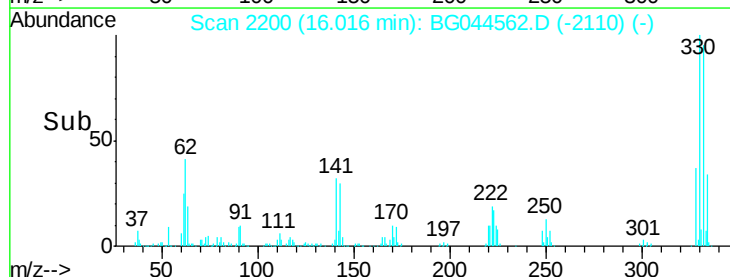
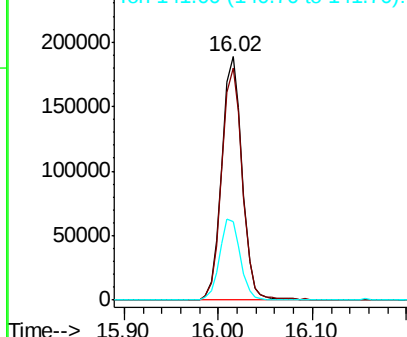
Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	330	Resp:	286638
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	34.2	26.5	39.7



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





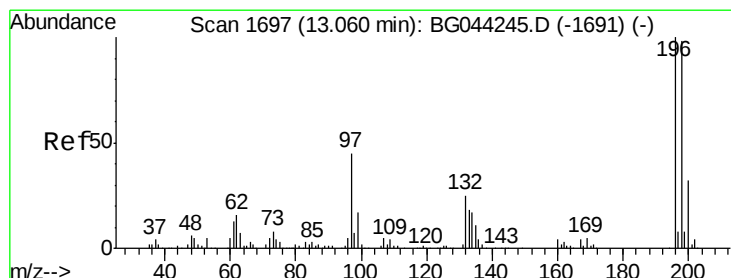
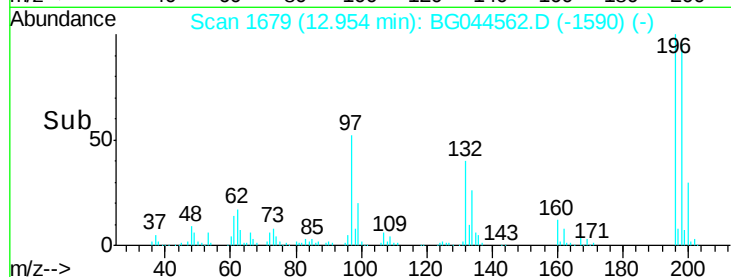
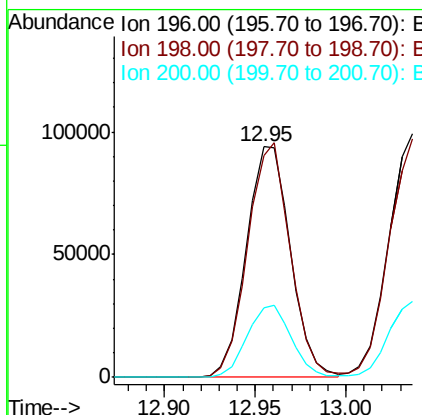
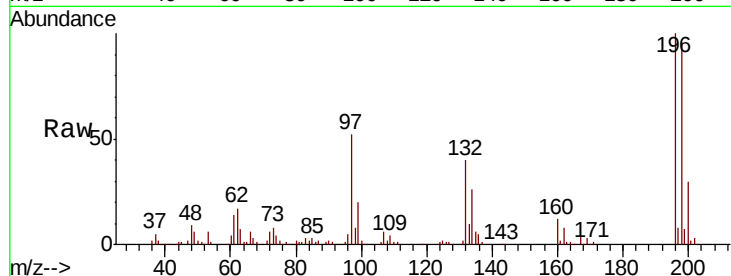
#43
 2,4,6-Trichlorophenol
 Concen: 53.746 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159037		
198	96.0	77.8	116.8	
200	30.4	25.6	38.4	

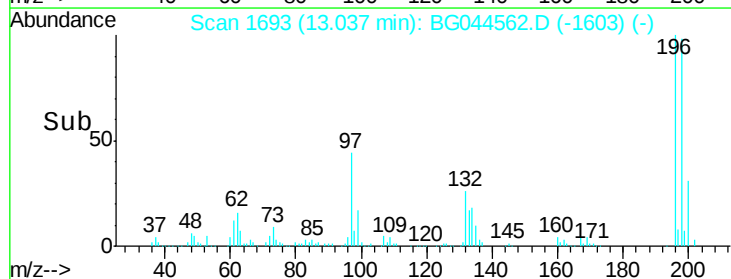
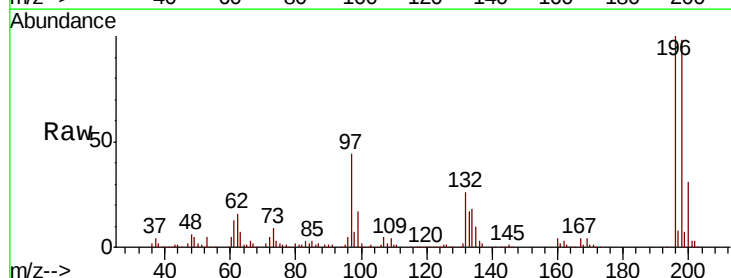
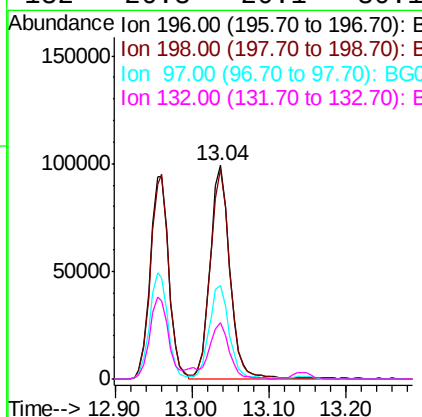
Manual Integrations
 APPROVED

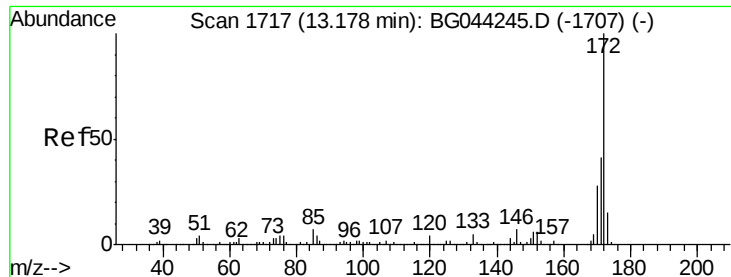
mohammad
 2/24/2020 3:30:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.608 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174114		
198	98.2	79.9	119.9	
97	43.9	35.2	52.8	
132	26.3	20.1	30.1	





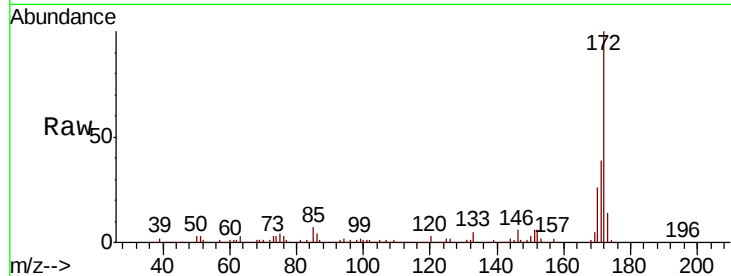
#45
2-Fluorobiphenyl
Concen: 101.577 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

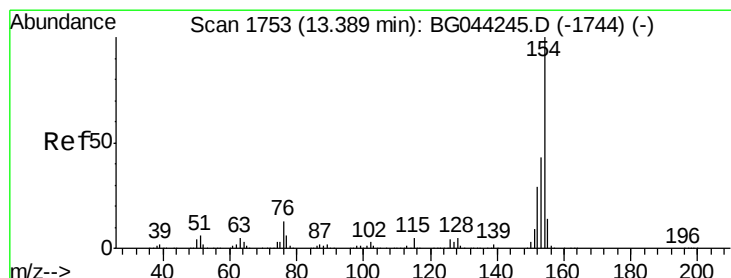
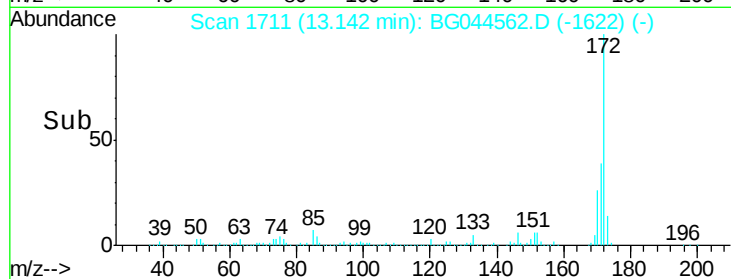
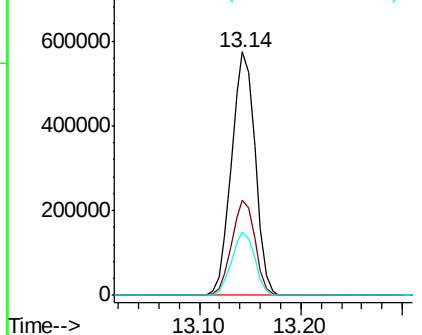
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.3	48.5
170	26.1	21.6	32.4

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM

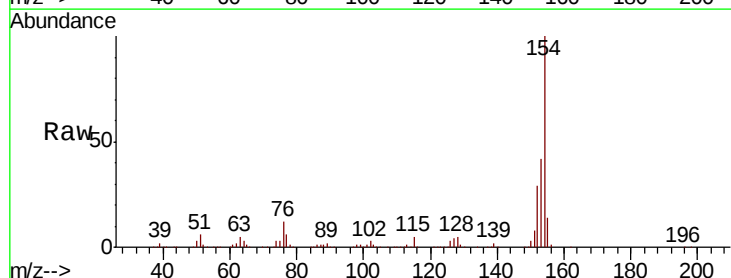


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

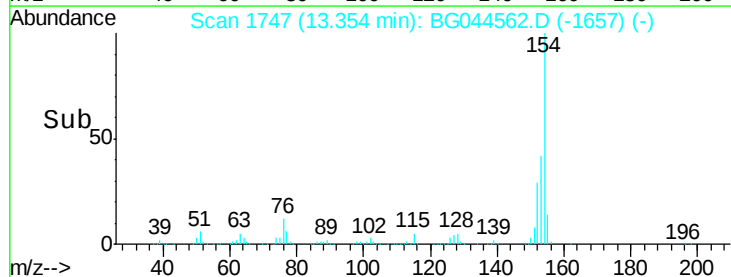
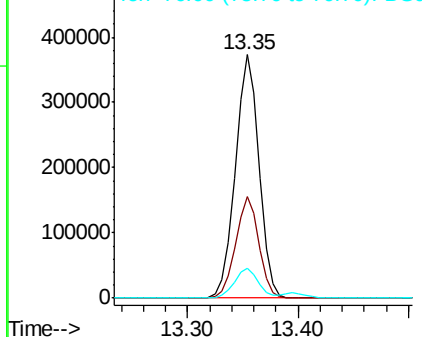


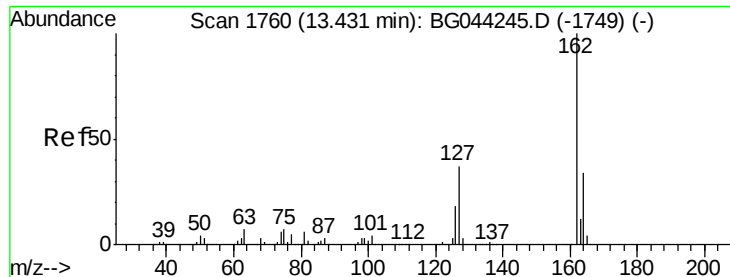
#46
1,1'-Biphenyl
Concen: 50.582 ng
RT: 13.35 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.3	62.3
76	12.2	0.0	32.7



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): BG0





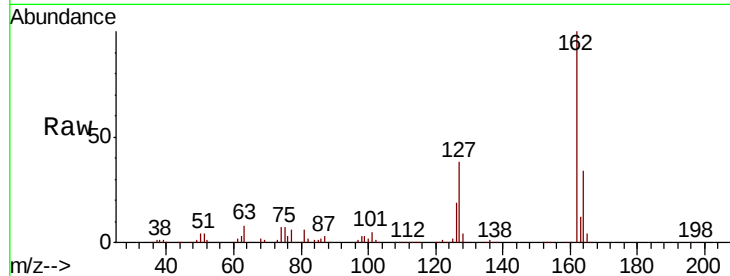
#47
2-Chloronaphthalene
Concen: 49.491 ng
RT: 13.40 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	34.2	27.4	41.2

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM

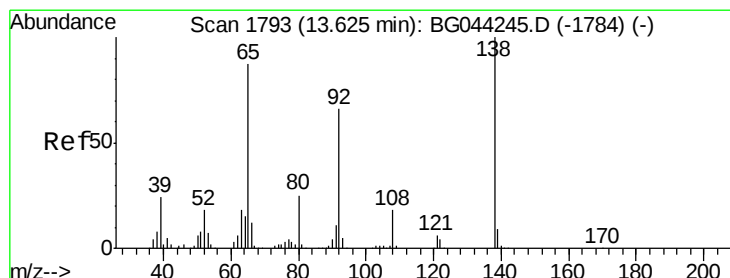
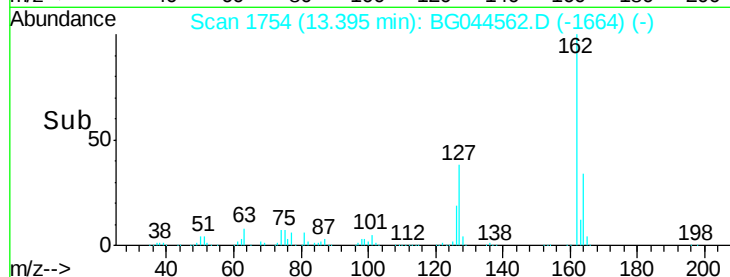
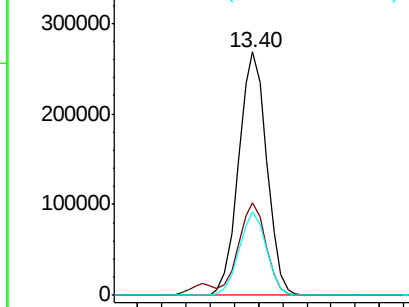


Abundance

Ion 162.00 (161.70 to 162.70): E

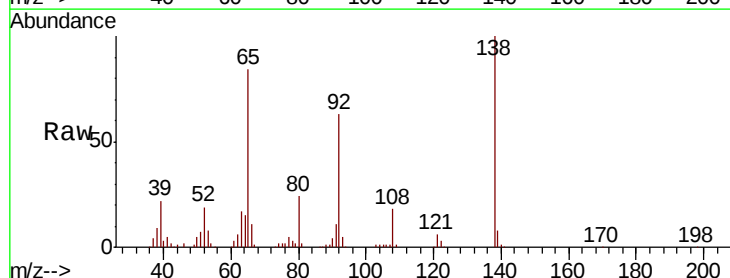
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 49.686 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	61.2	91.8
138	118.9	95.2	142.8

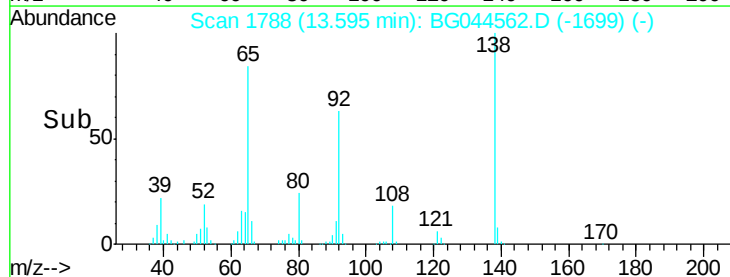
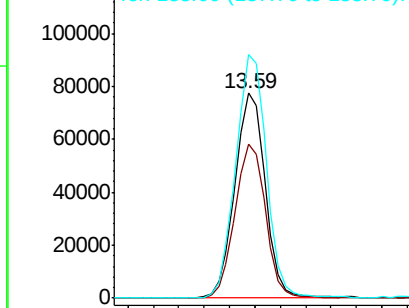


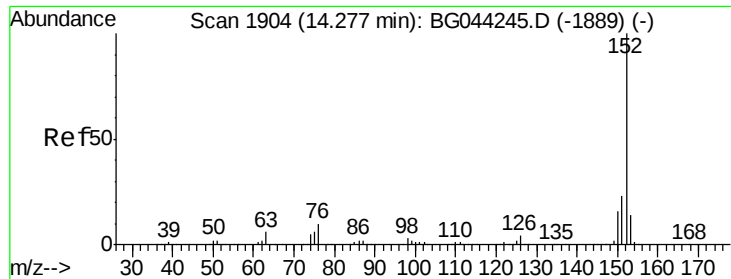
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#49

Acenaphthylene

Concen: 54.208 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

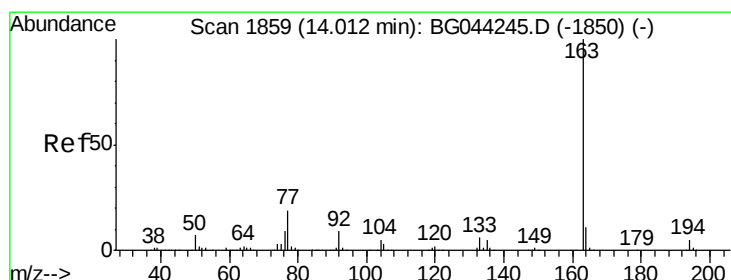
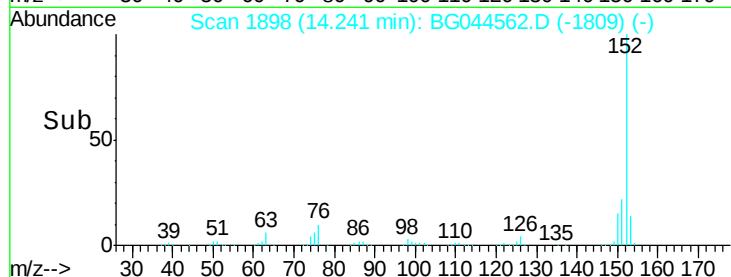
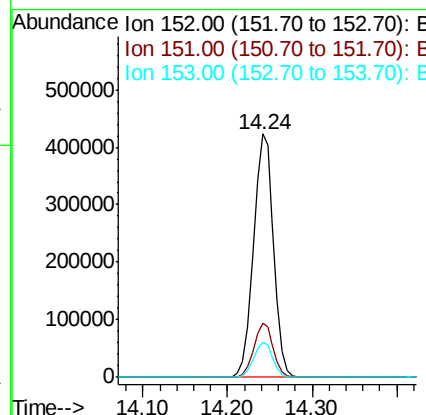
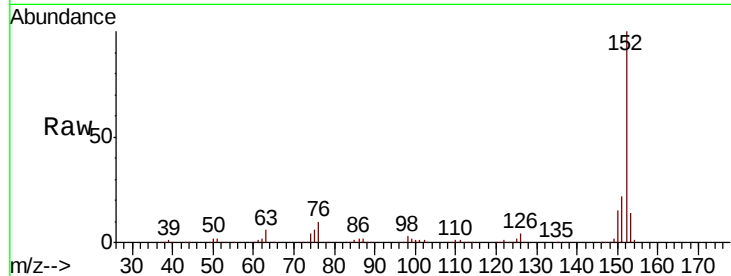
ClientSampleId :

BU-03-021820MS

Tot Ion:	152	Resp:	698423
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.2	27.2
153	14.2	11.6	17.4

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#50

Dimethylphthalate

Concen: 55.833 ng

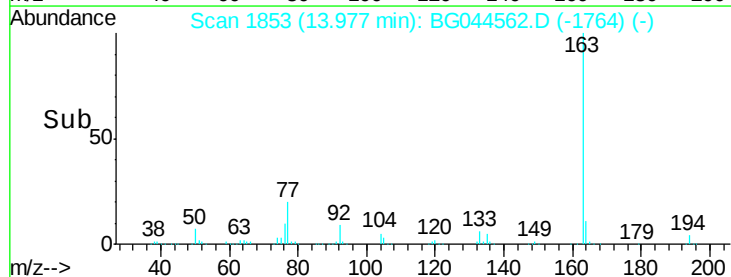
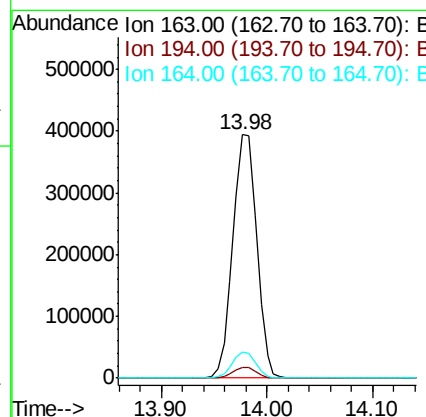
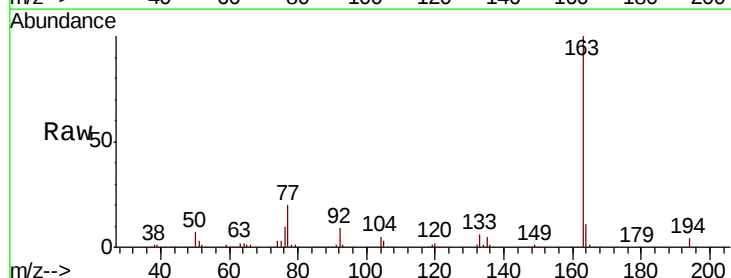
RT: 13.98 min Scan# 1853

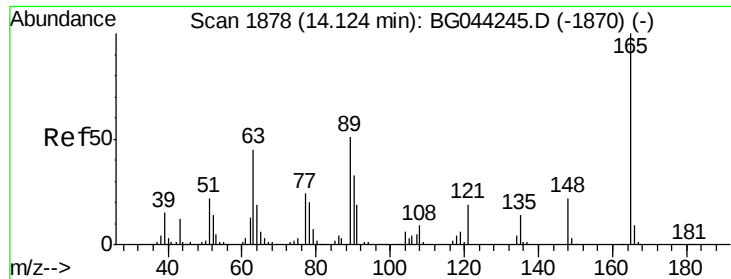
Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	163	Resp:	614224
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.9	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 53.650 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

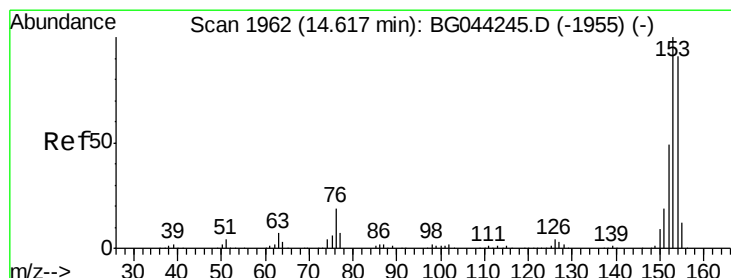
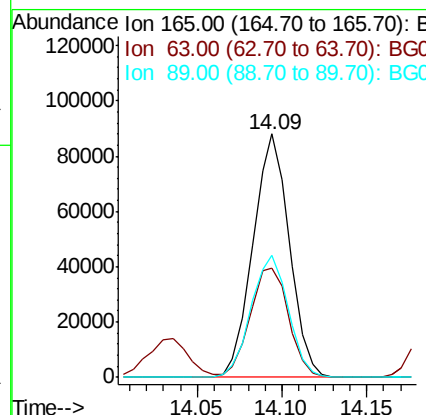
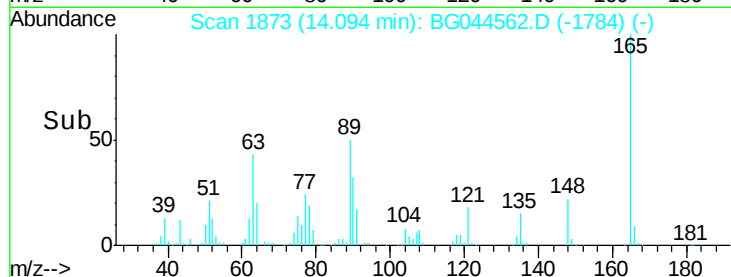
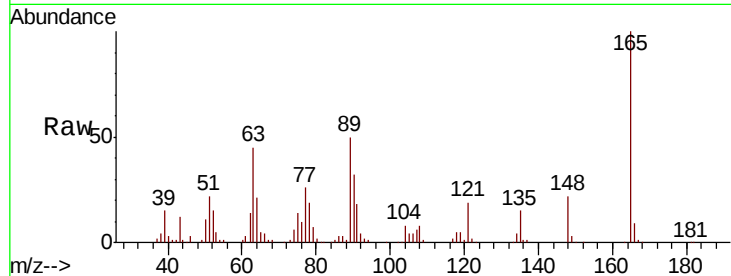
ClientSampleId :

BU-03-021820MS

Tot Ion:	165	Resp:	131597
Ion Ratio	Lower	Upper	
165	100		
63	45.0	35.0	52.6
89	50.2	39.5	59.3

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#52

Acenaphthene

Concen: 51.859 ng

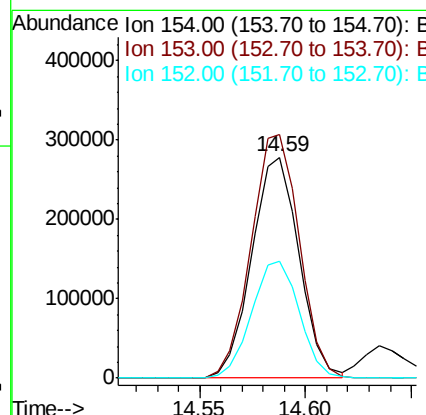
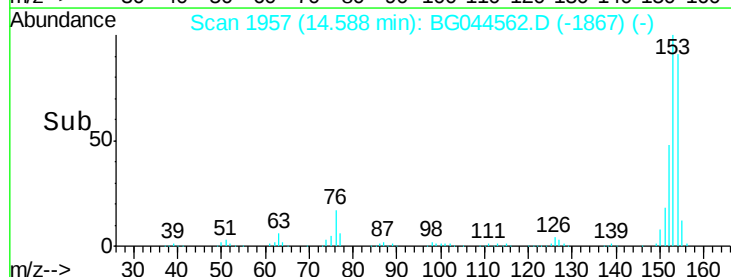
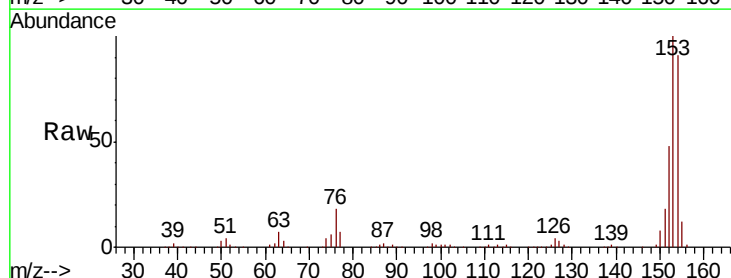
RT: 14.59 min Scan# 1957

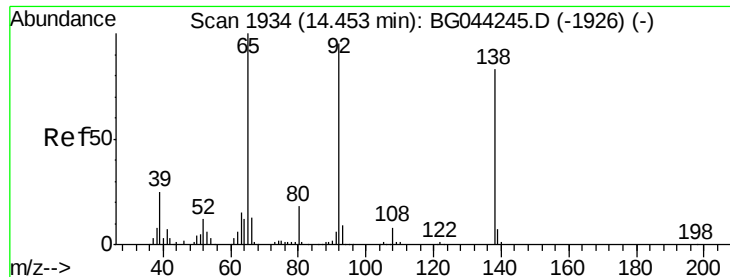
Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	154	Resp:	433081
Ion Ratio	Lower	Upper	
154	100		
153	110.4	88.6	133.0
152	53.2	43.6	65.4





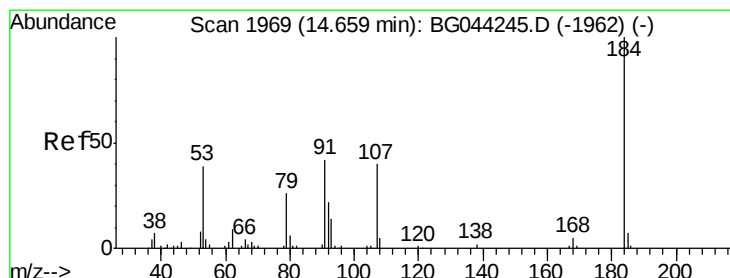
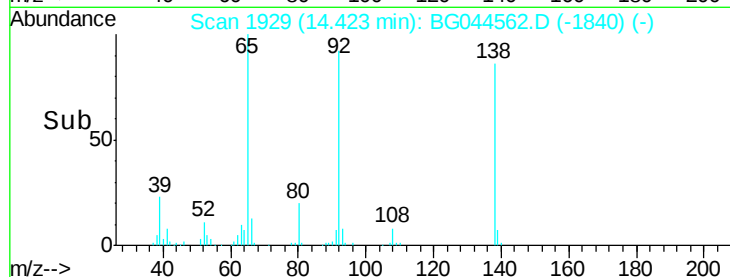
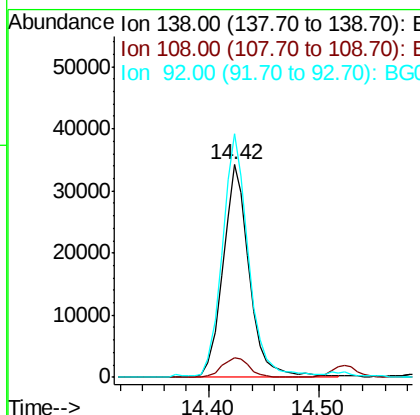
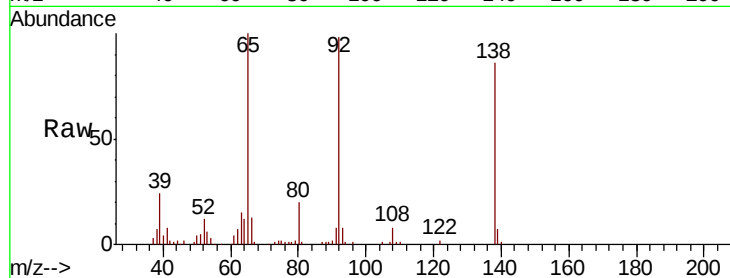
#53
3-Nitroaniline
Concen: 20.935 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.2	12.4
92	114.5	89.7	134.5

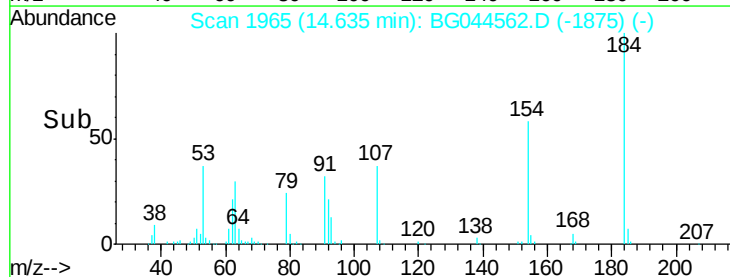
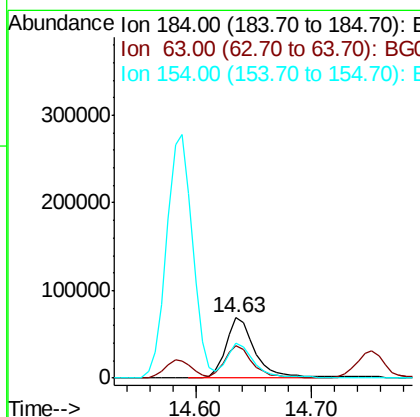
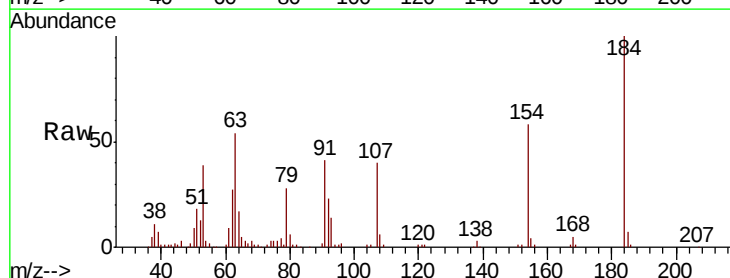
Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#54
2,4-Dinitrophenol
Concen: 82.345 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	43.8	65.8
154	58.4	46.6	70.0





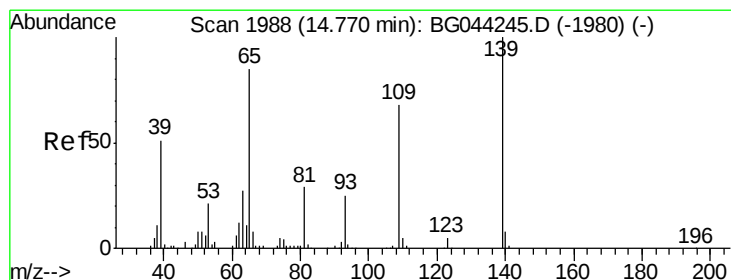
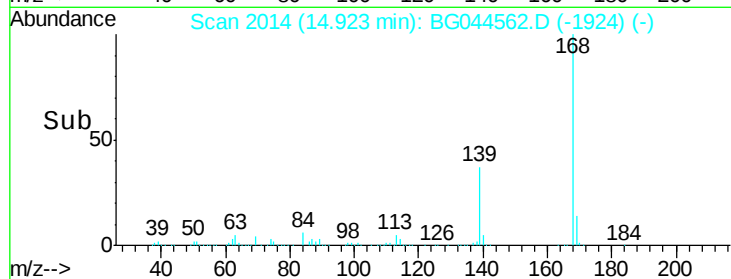
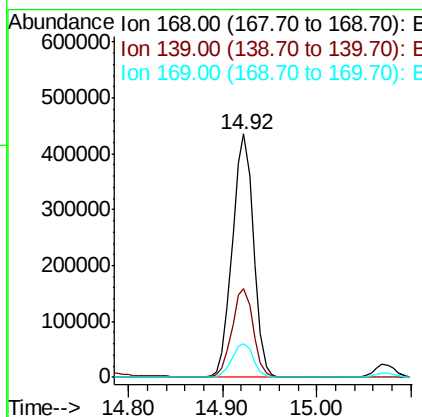
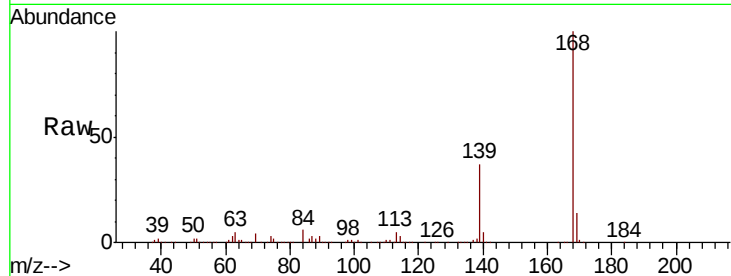
#55
Dibenzofuran
Concen: 53.628 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.8	46.2
169	13.9	12.2	18.4

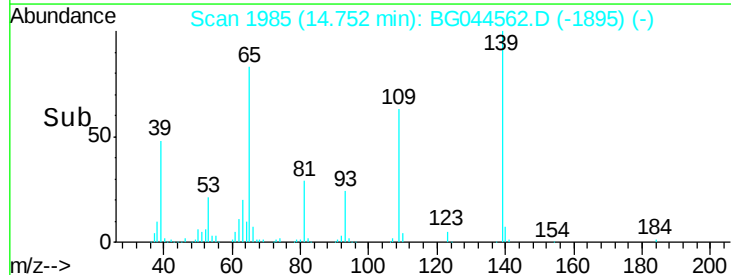
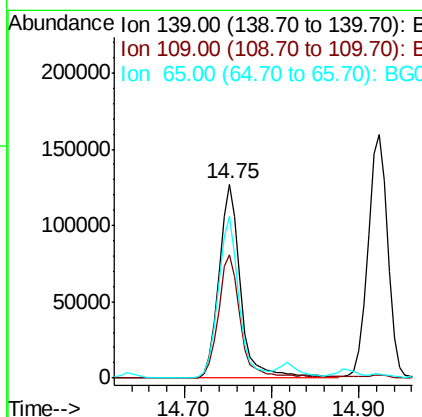
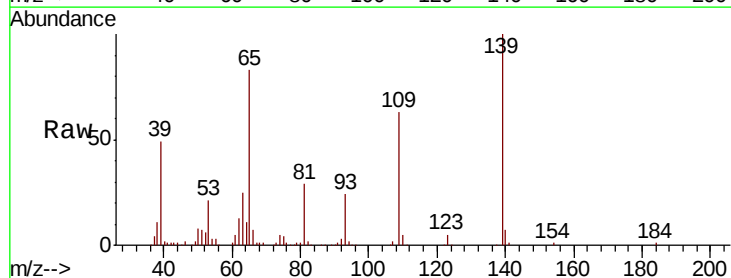
Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#56
4-Nitrophenol
Concen: 110.294 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	44.0	84.0
65	83.3	62.3	102.3





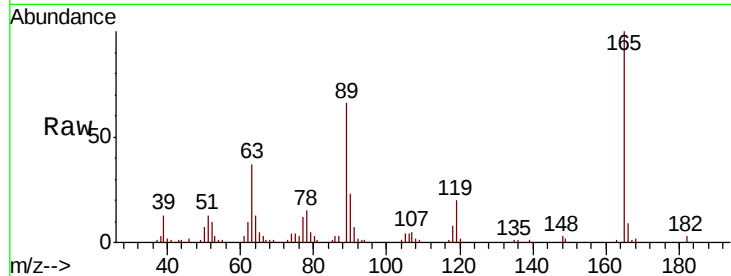
#57
2,4-Dinitrotoluene
Concen: 54.391 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

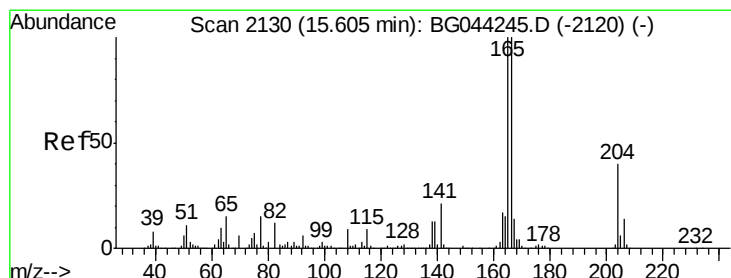
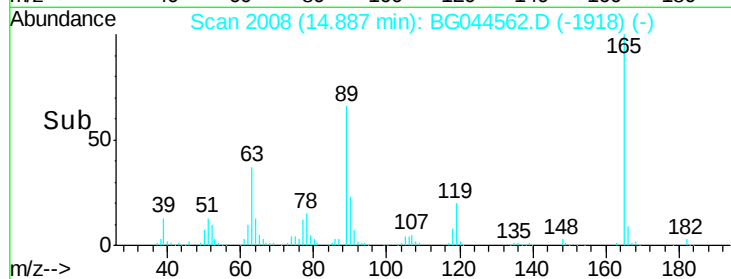
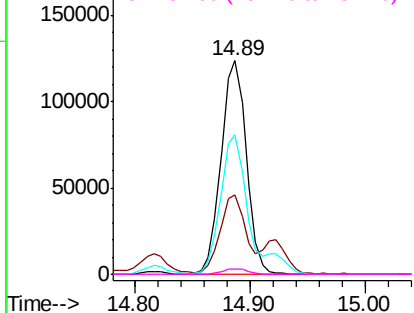
Tot Ion	Ratio	Resp	Lower	Upper
165	100	186991		
63	37.3	28.6	42.8	
89	65.6	50.7	76.1	
182	2.7	2.1	3.1	

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



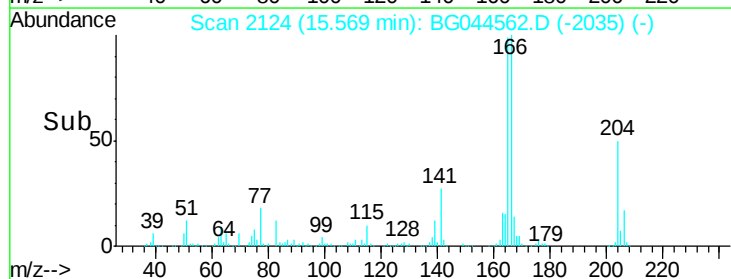
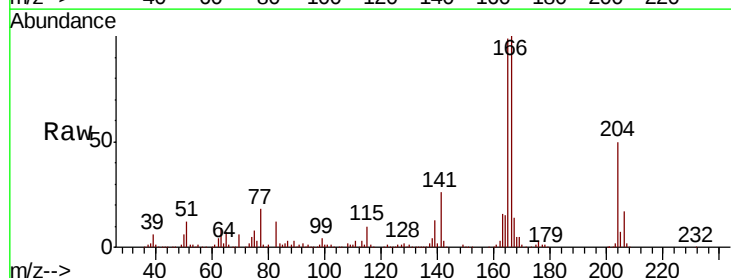
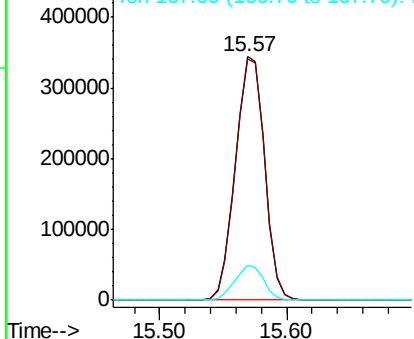
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.808 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545825		
165	99.2	79.3	118.9	
167	14.3	11.4	17.2	

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





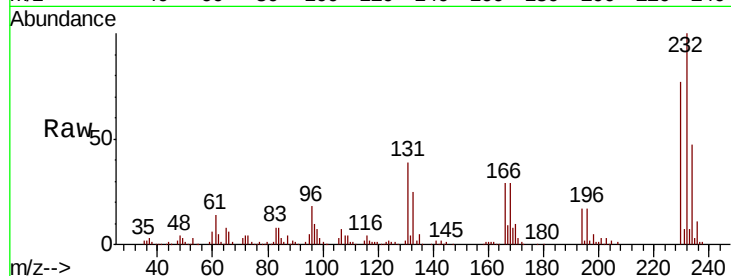
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.244 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	153548		
131	41.4		31.8	47.8
130	2.5		1.8	2.8
166	30.8		23.2	34.8

Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM



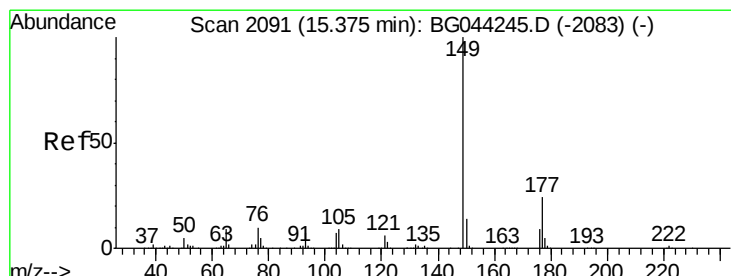
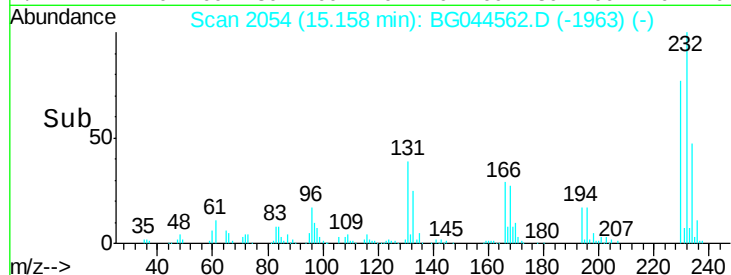
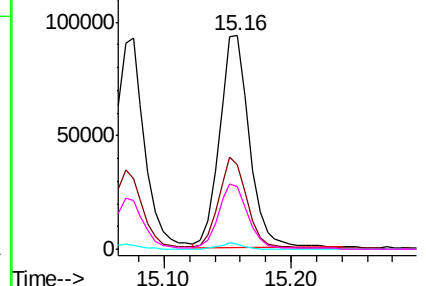
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

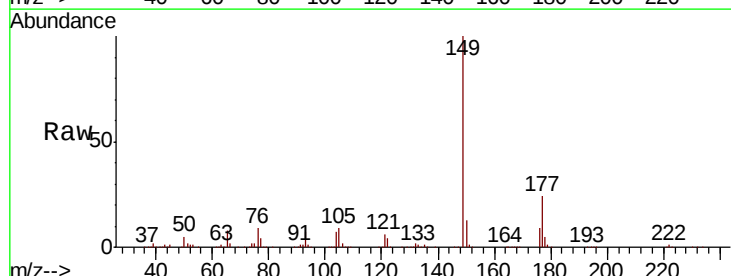
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 54.072 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	592716		
177	23.8		19.3	28.9
150	13.1		10.6	15.8

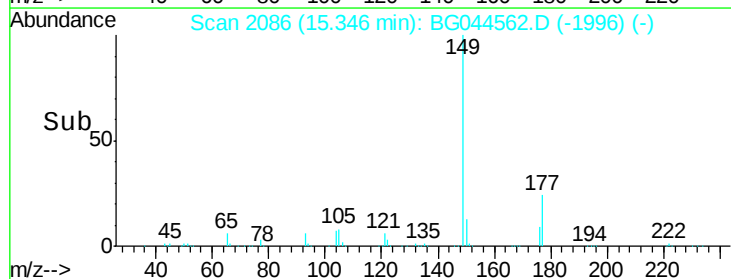
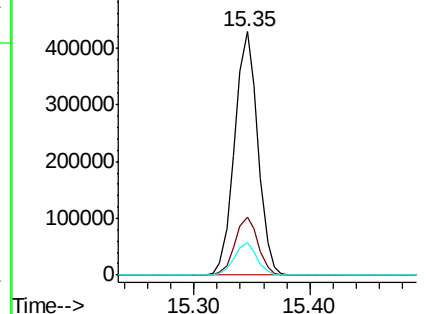


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





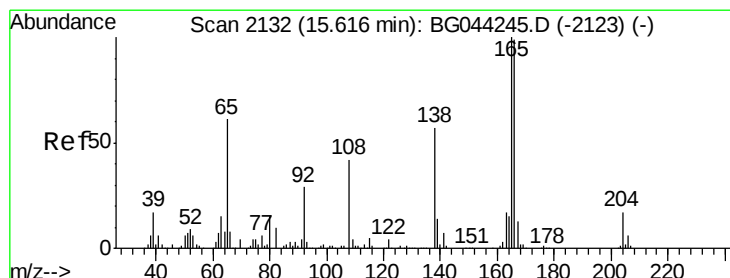
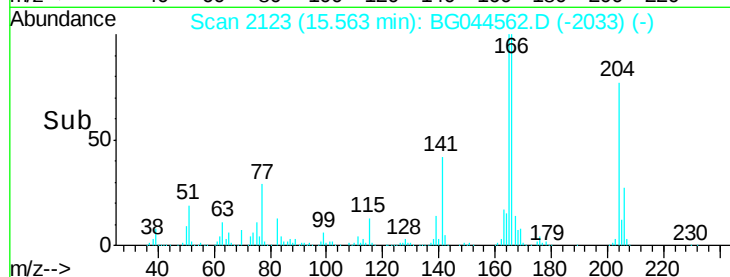
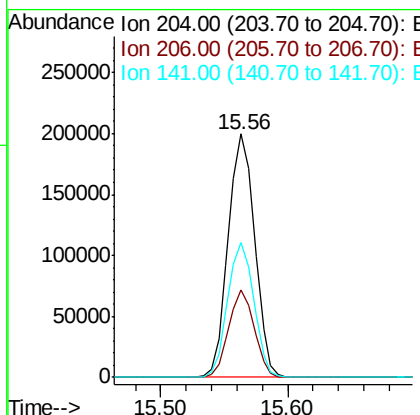
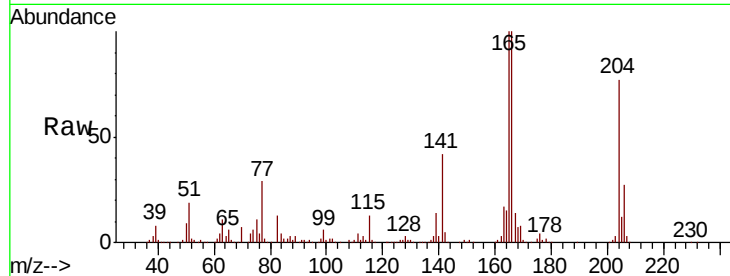
#61
4-Chlorophenyl-phenylether
Concen: 53.343 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampled :
BU-03-021820MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	288041		
206	35.7	28.6	42.8	
141	55.3	43.9	65.9	

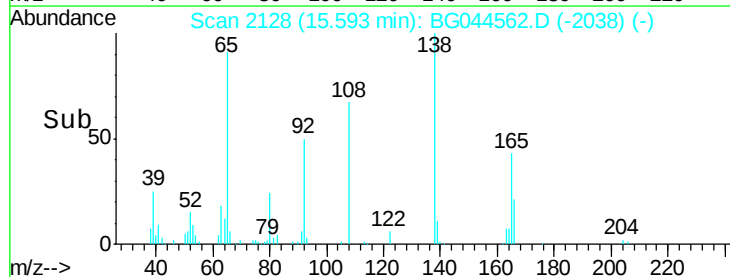
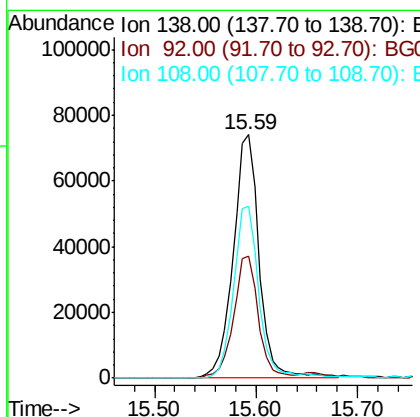
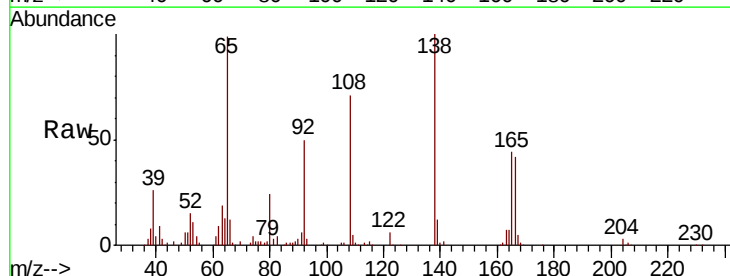
Manual Integrations
APPROVED

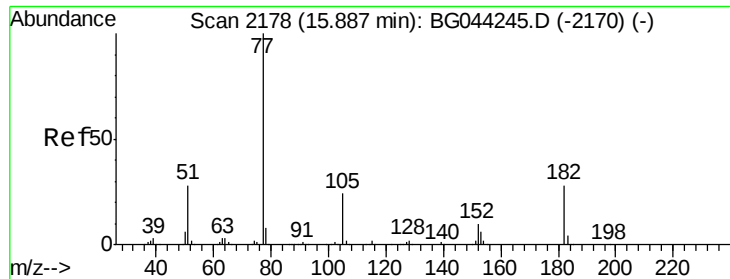
mohammad
2/24/2020 3:30:28 PM



#62
4-Nitroaniline
Concen: 48.608 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	131808		
92	50.3	30.7	70.7	
108	70.7	51.9	91.9	





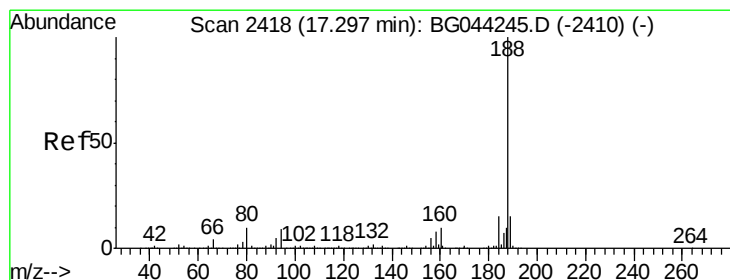
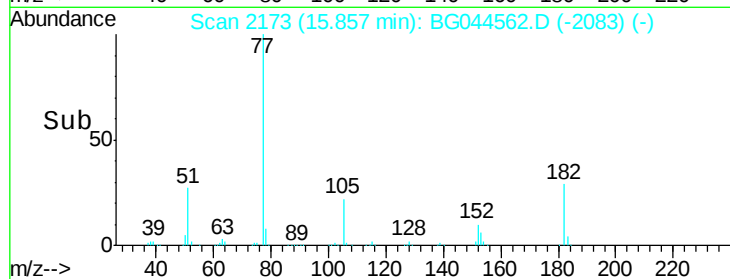
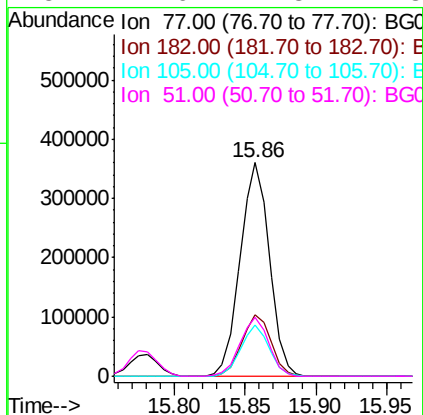
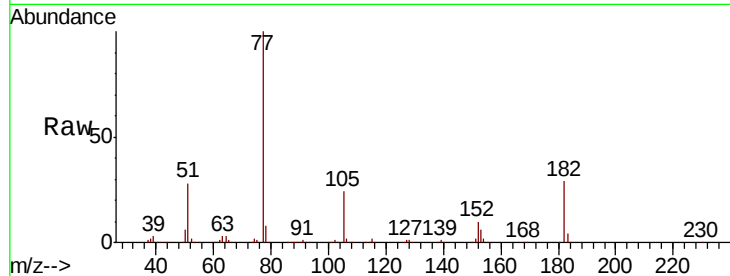
#63
Azobenzene
Concen: 54.179 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		520509		
182	28.7	8.8	48.8		
105	23.8	4.0	44.0		
51	27.6	7.3	47.3		

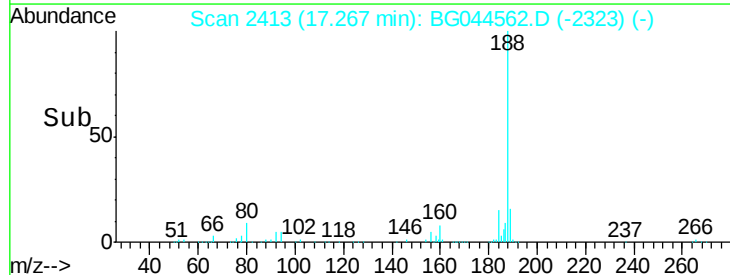
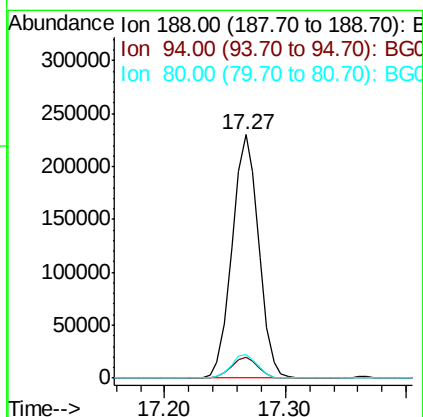
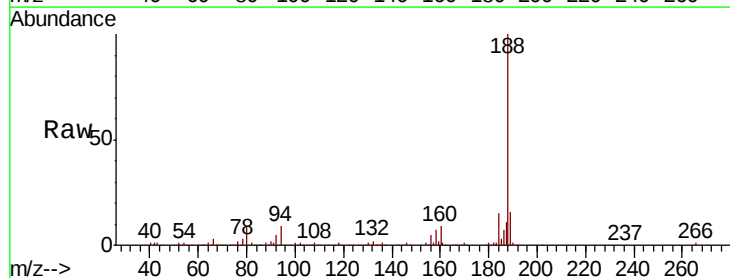
Manual Integrations
APPROVED

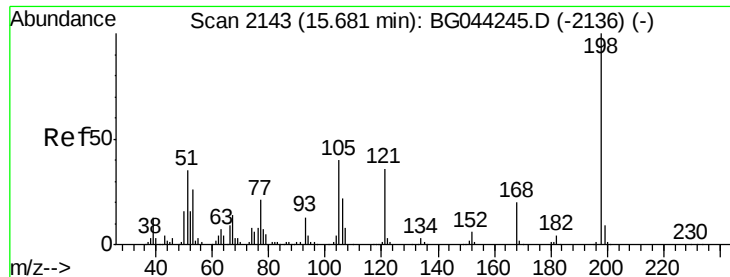
mohammad
2/24/2020 3:30:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		352305		
94	8.6	7.4	11.0		
80	9.5	7.8	11.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 53.985 ng

RT: 15.66 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

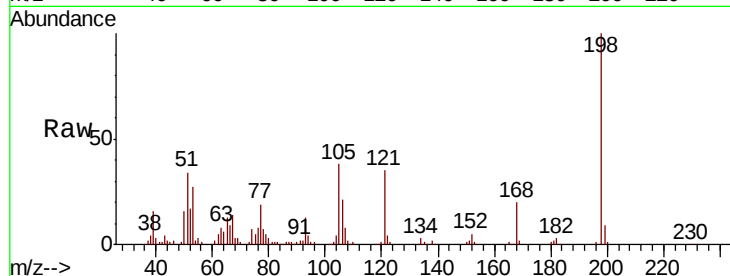
ClientSampleId :

BU-03-021820MS

Tot Ion:	198	Resp:	104985
Ion Ratio	Lower	Upper	
198	100		
51	33.9	17.9	57.9
105	38.4	19.8	59.8

Manual Integrations
APPROVED

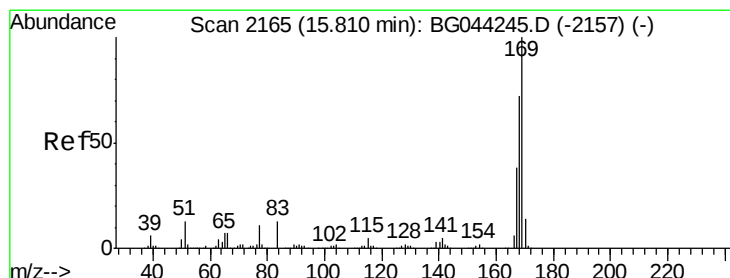
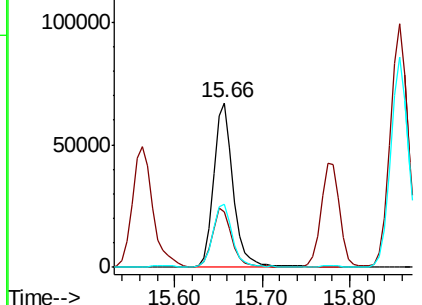
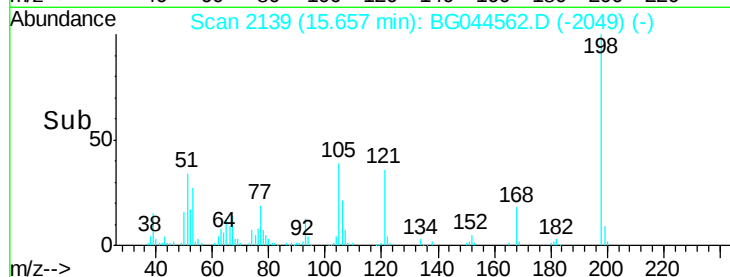
mohammad
2/24/2020 3:30:28 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044562.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.418 ng

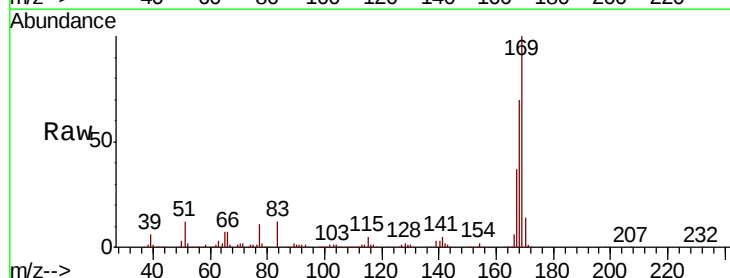
RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

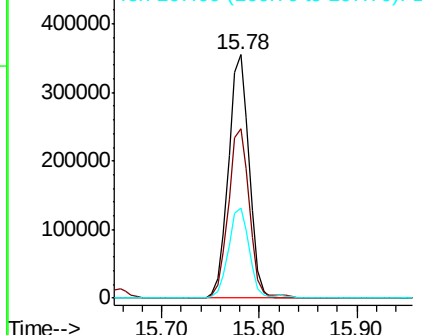
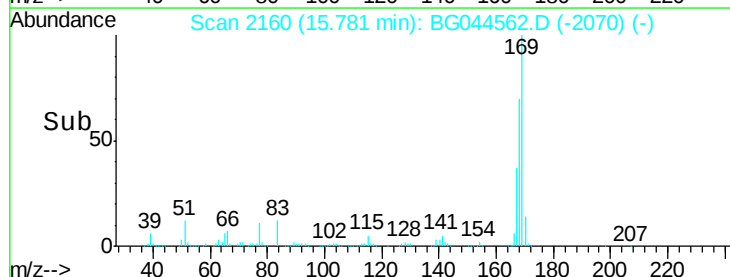
Tgt Ion:	169	Resp:	517525
Ion Ratio	Lower	Upper	
169	100		
168	69.8	56.8	85.2
167	37.2	29.6	44.4

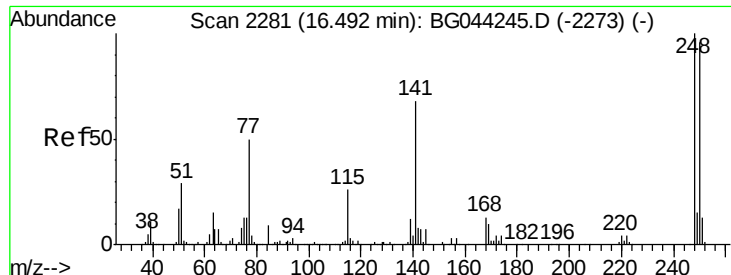


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





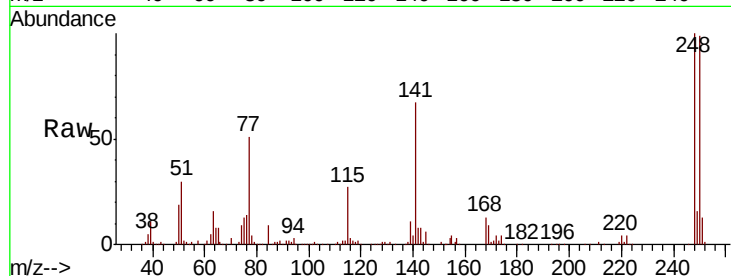
#67
4-Bromophenyl-phenylether
Concen: 50.041 ng
RT: 16.46 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.8	115.2
141	67.4	50.0	75.0

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM

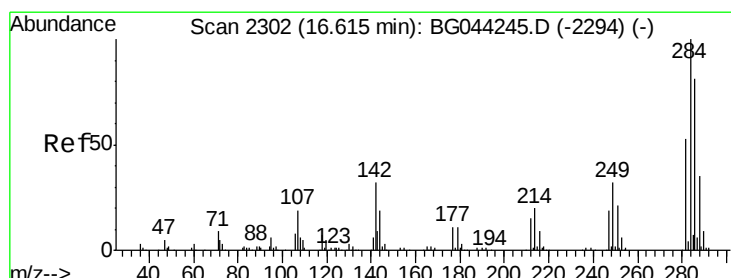
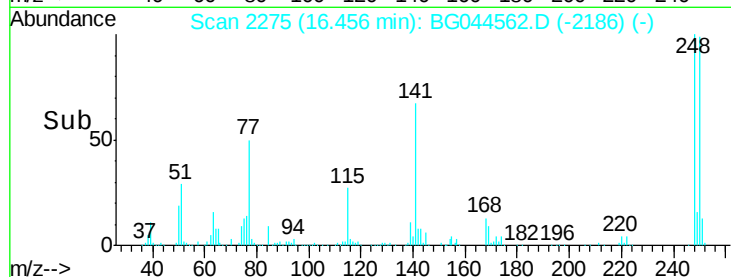
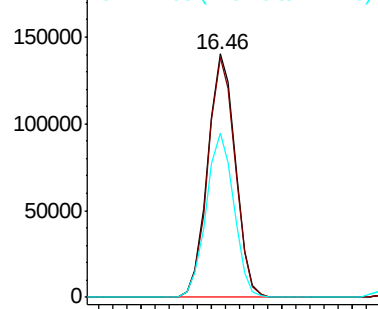


Abundance

Ion 248.00 (247.70 to 248.70): E

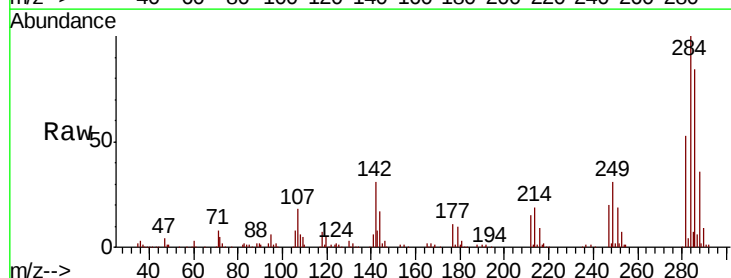
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.718 ng
RT: 16.59 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	36.8
249	30.7	24.9	37.3

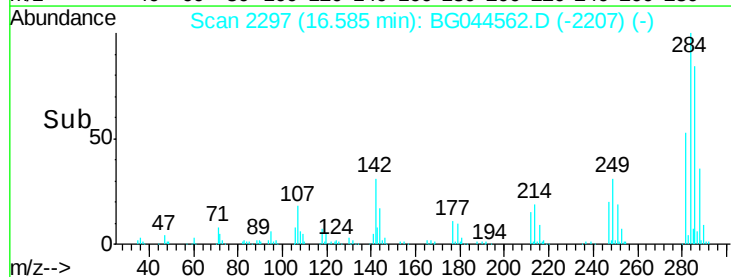
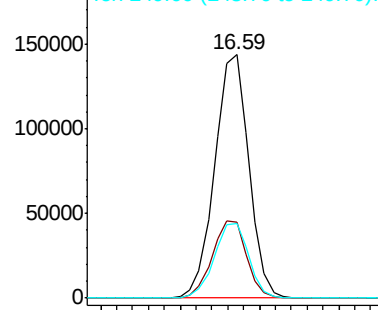


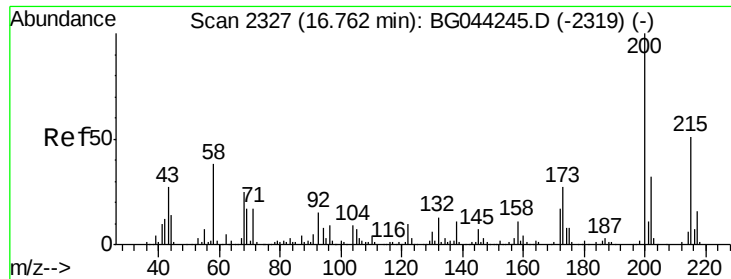
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





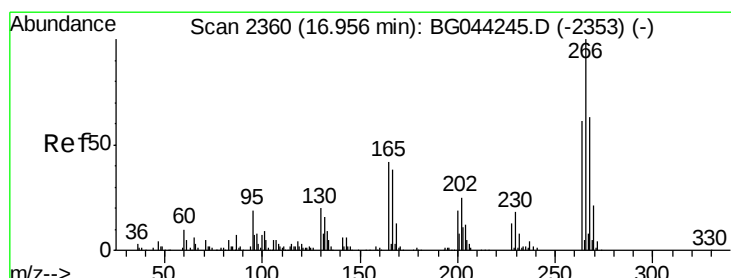
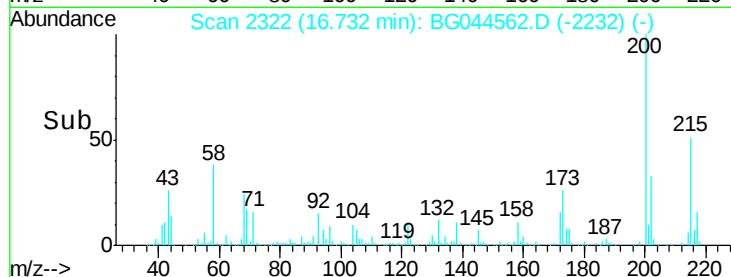
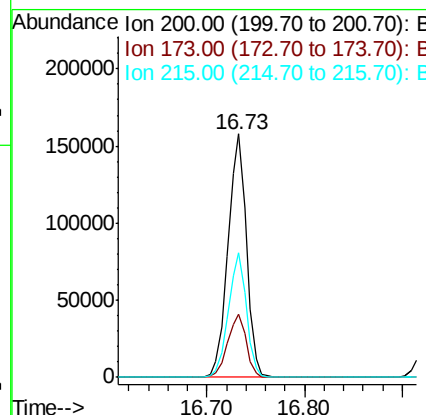
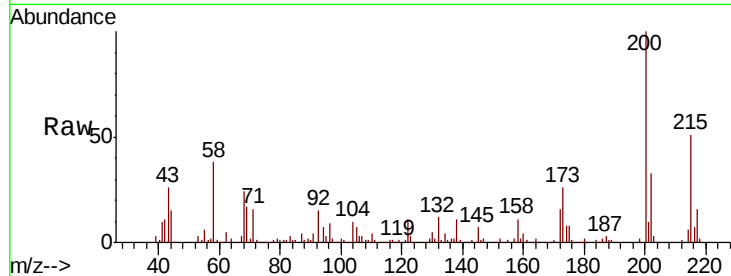
#69
 Atrazine
 Concen: 61.018 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.6	45.6
215	51.4	30.3	70.3

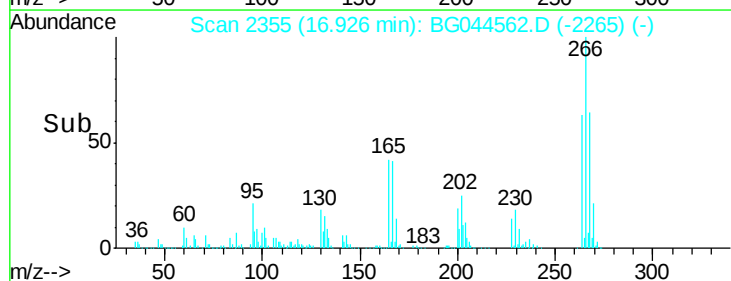
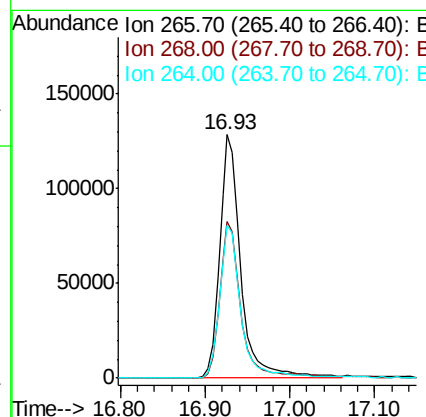
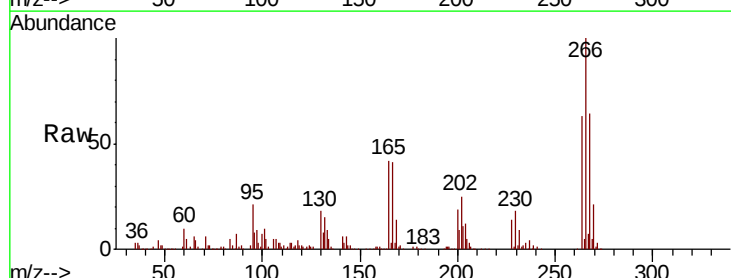
Manual Integrations
 APPROVED

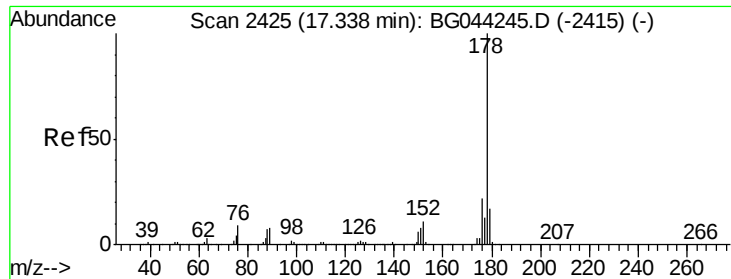
mohammad
 2/24/2020 3:30:28 PM



#70
 Pentachlorophenol
 Concen: 103.399 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.6	77.4
264	63.0	49.8	74.8





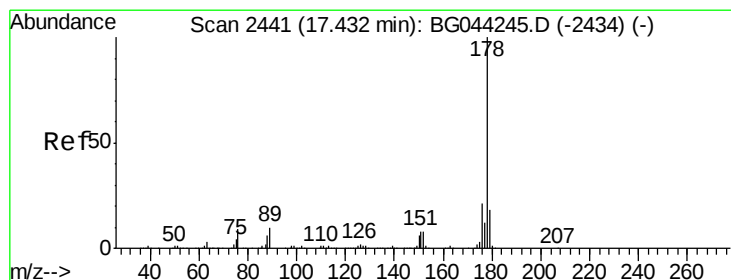
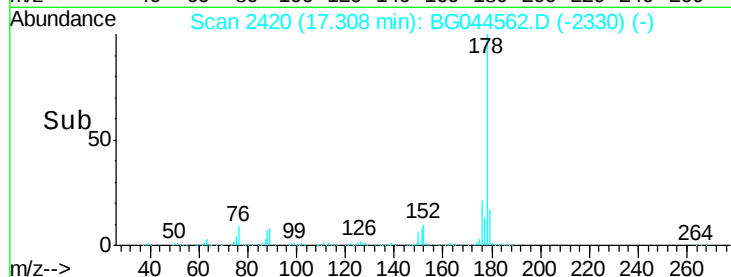
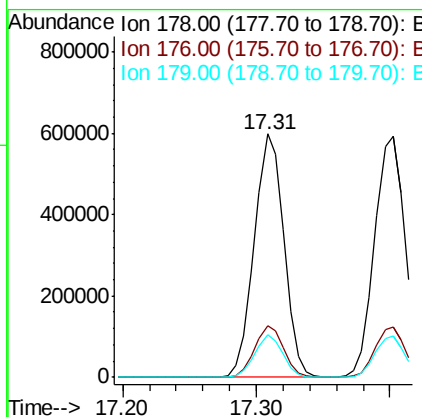
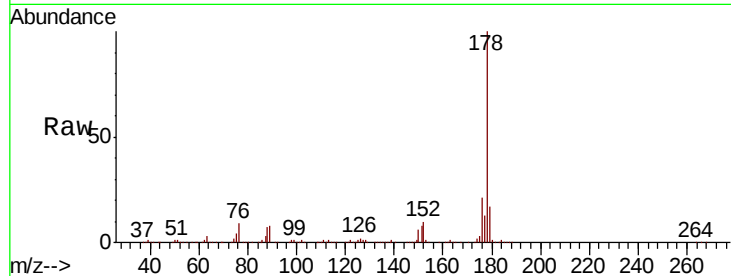
#71
Phenanthrene
Concen: 53.594 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.4	26.0
179	17.4	13.8	20.6

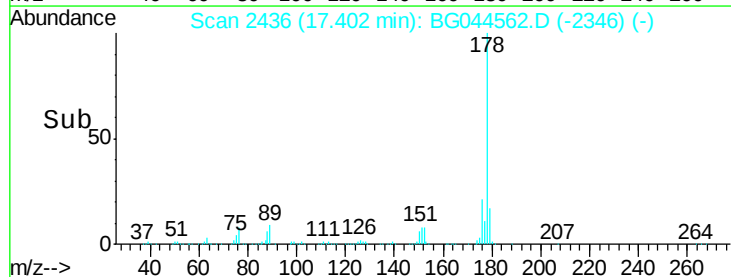
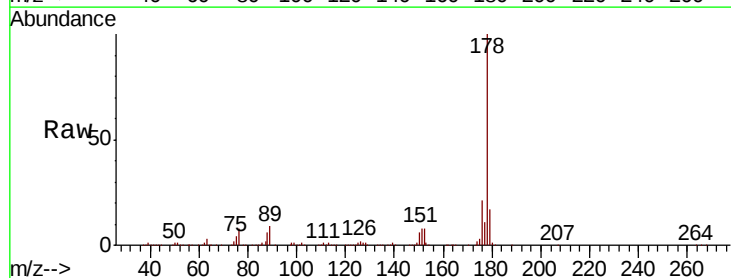
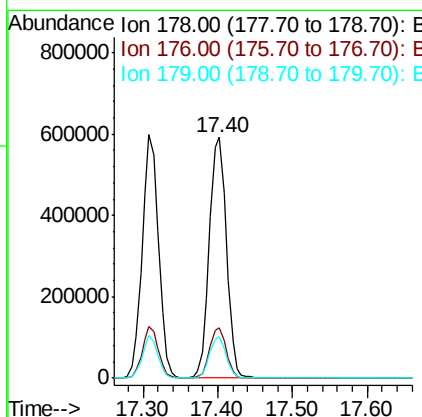
Manual Integrations
APPROVED

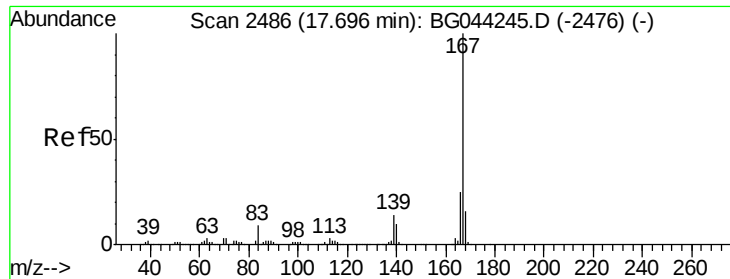
mohammad
2/24/2020 3:30:28 PM



#72
Anthracene
Concen: 55.777 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.1	25.7
179	17.2	13.9	20.9





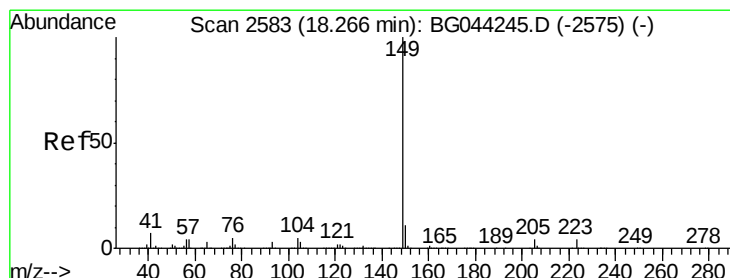
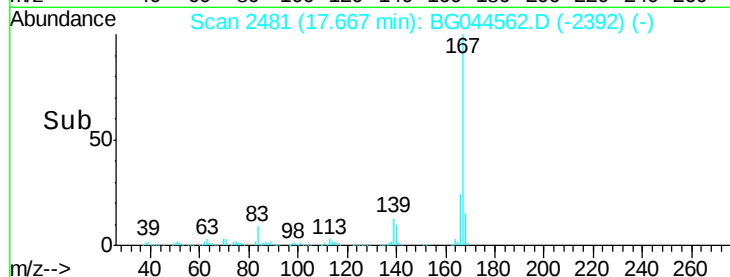
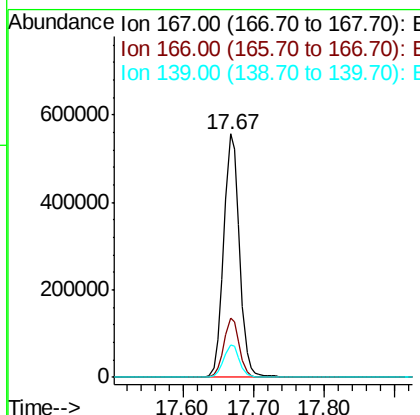
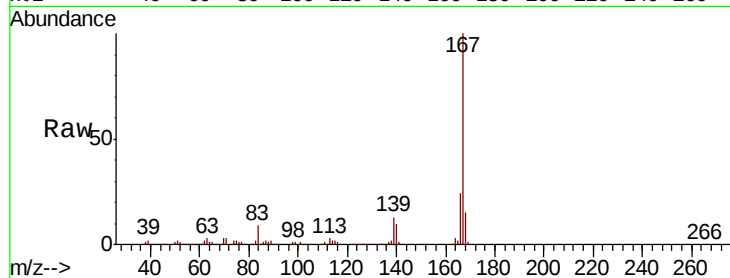
#73
 Carbazole
 Concen: 55.876 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	13.3	10.8	16.2

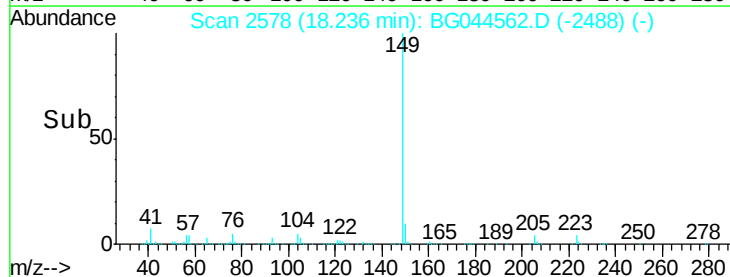
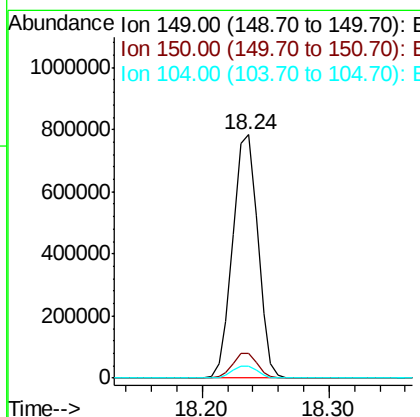
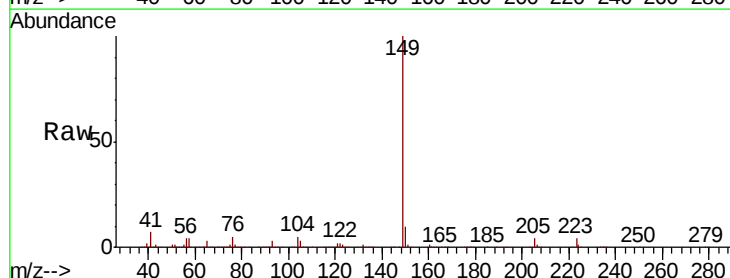
Manual Integrations
 APPROVED

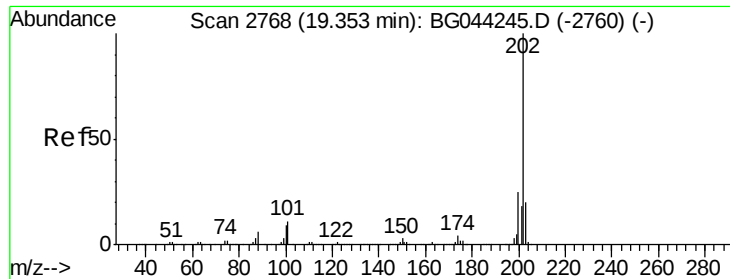
mohammad
 2/24/2020 3:30:28 PM



#74
 Di-n-butylphthalate
 Concen: 55.664 ng
 RT: 18.24 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.0	13.4
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 57.584 ng

RT: 19.32 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

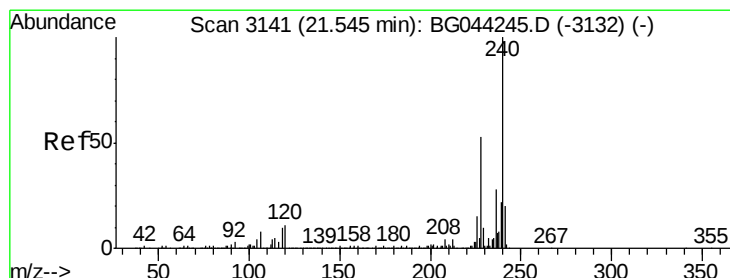
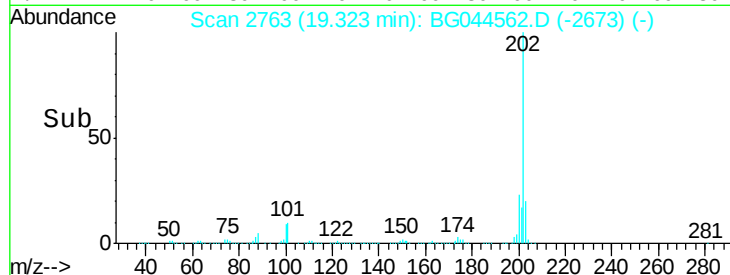
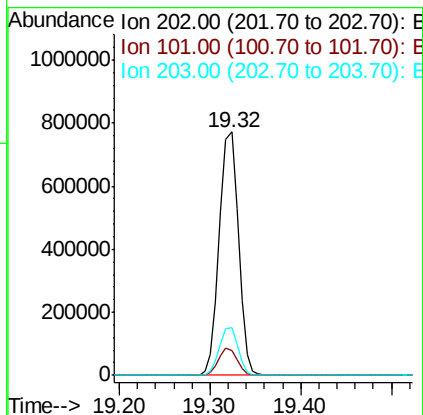
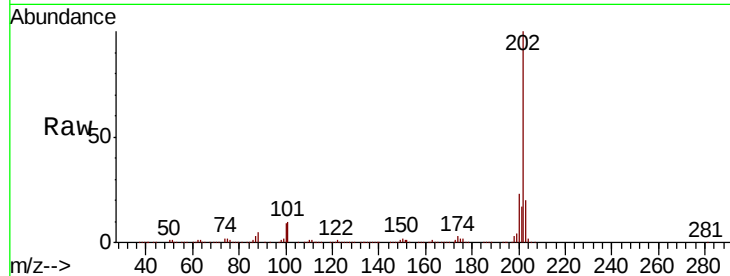
ClientSampleId :

BU-03-021820MS

Tot Ion:	202	Resp:	1136422
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.4
203	19.6	0.3	40.3

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#76

Chrysene-d12

Concen: 20.000 ng

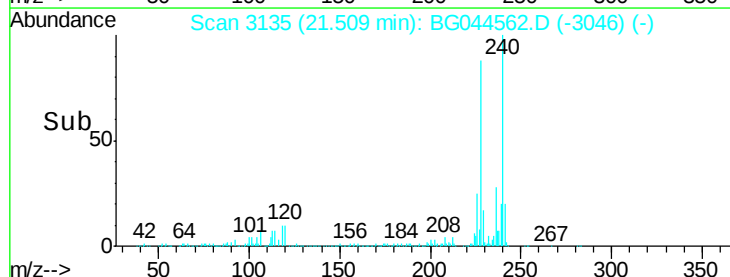
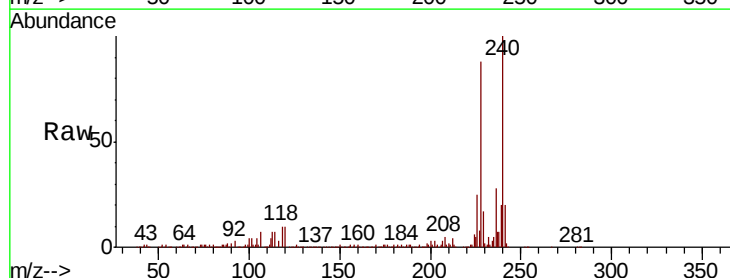
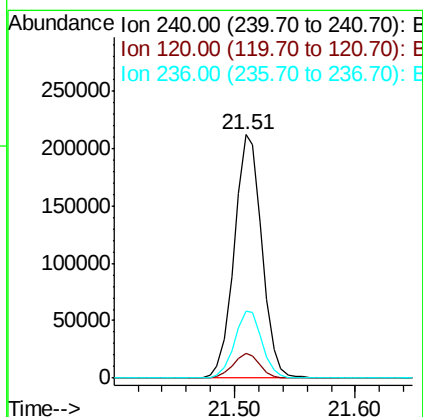
RT: 21.51 min Scan# 3135

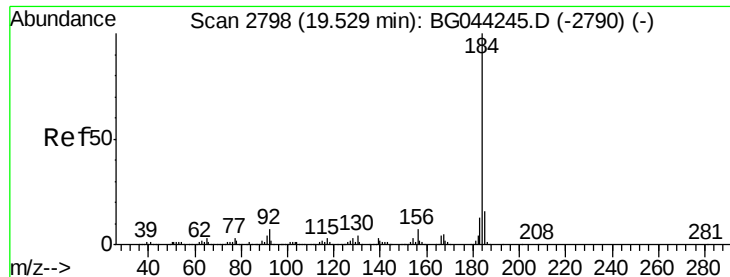
Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	240	Resp:	336914
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.2
236	27.8	22.0	33.0





#77

Benzidine

Concen: 28.855 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

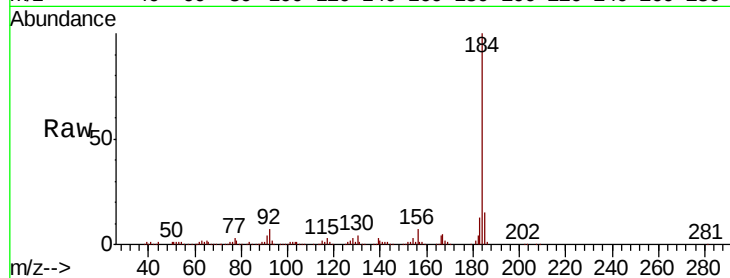
ClientSampleId :

BU-03-021820MS

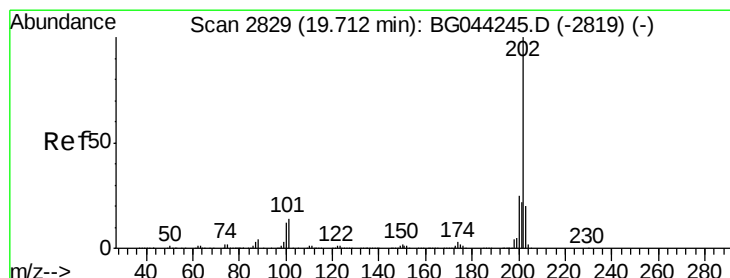
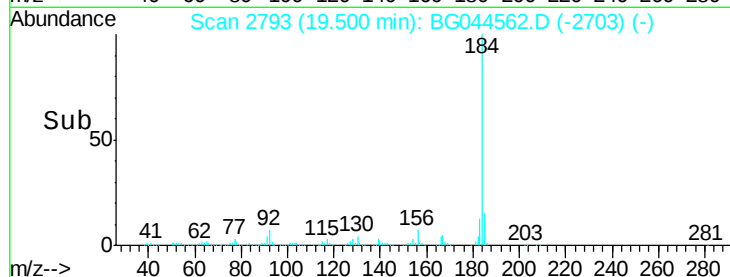
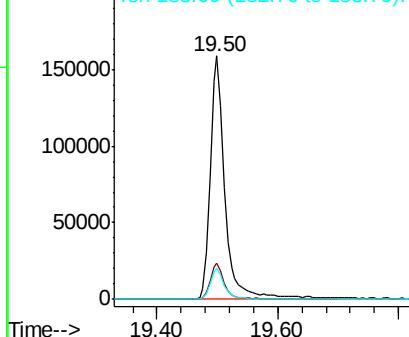
Tot Ion:	184	Resp:	269657
Ion Ratio		Lower	Upper
184	100		
185	14.8	13.0	19.4
183	13.0	11.0	16.4

Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 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



#78

Pyrene

Concen: 52.721 ng

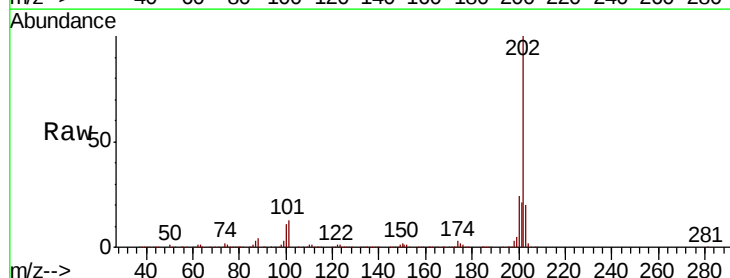
RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

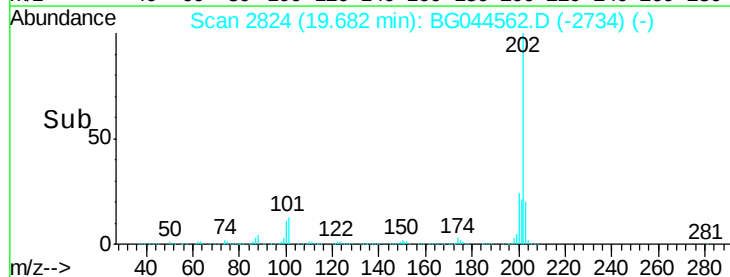
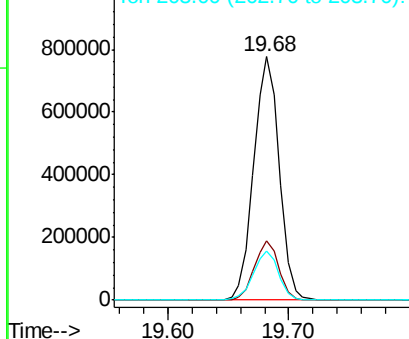
Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:	202	Resp:	1140716
Ion Ratio		Lower	Upper
202	100		
200	24.2	19.7	29.5
203	20.1	16.8	25.2



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





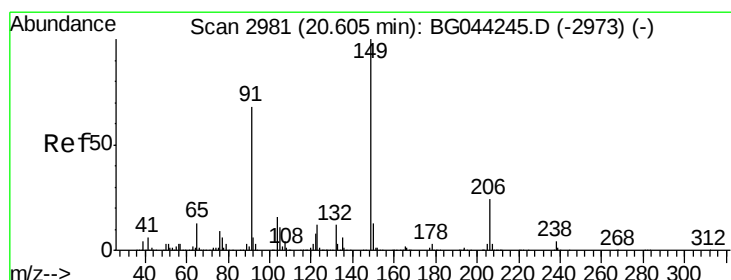
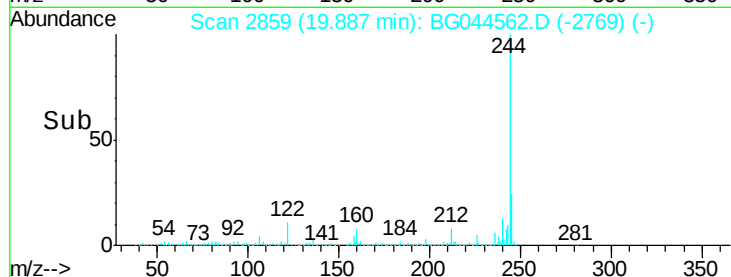
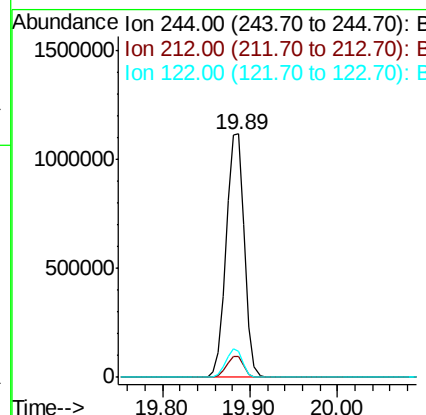
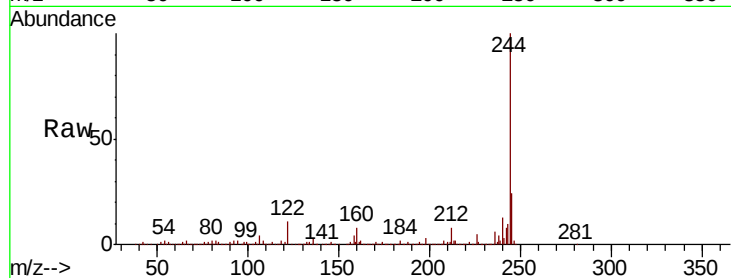
#79
 Terphenyl-d14
 Concen: 98.478 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	10.6	9.8	14.8

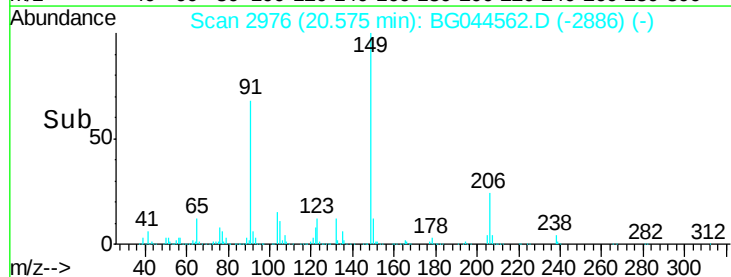
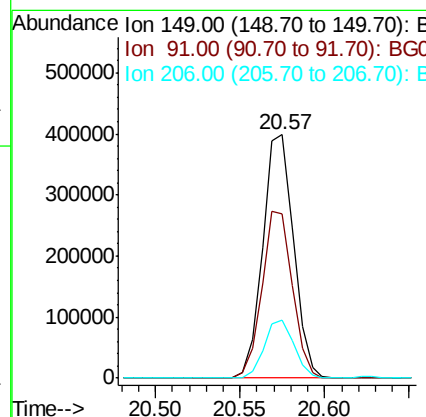
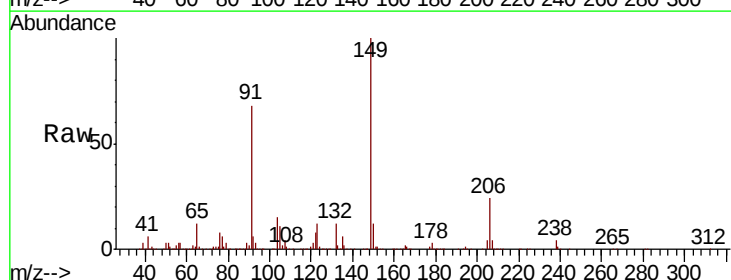
Manual Integrations
 APPROVED

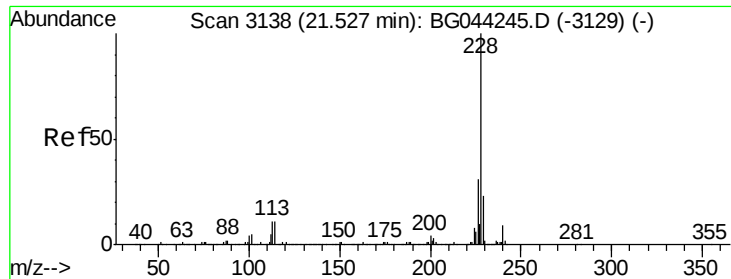
mohammad
 2/24/2020 3:30:28 PM



#80
 Butylbenzylphthalate
 Concen: 51.170 ng
 RT: 20.57 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	55.0	82.4
206	24.0	20.1	30.1





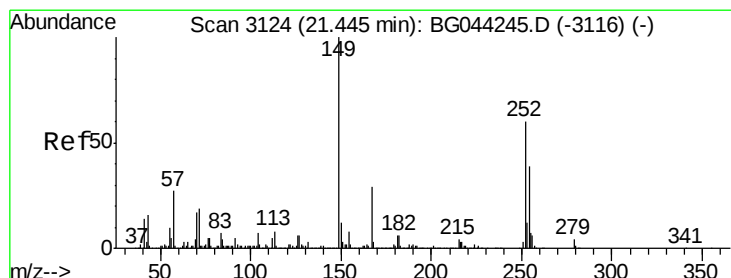
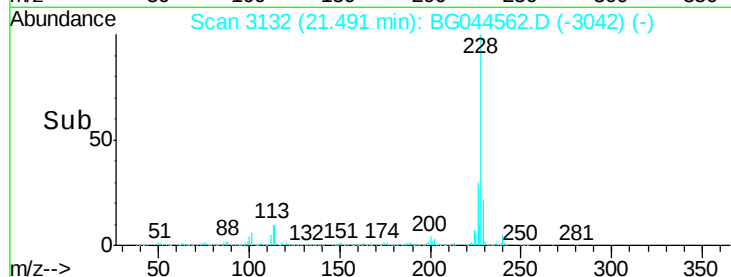
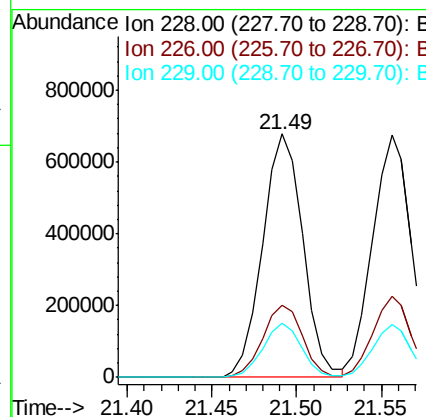
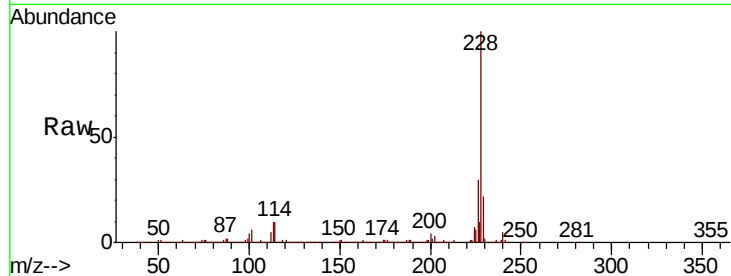
#81
Benzo(a)anthracene
Concen: 54.027 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.1	18.2	27.4

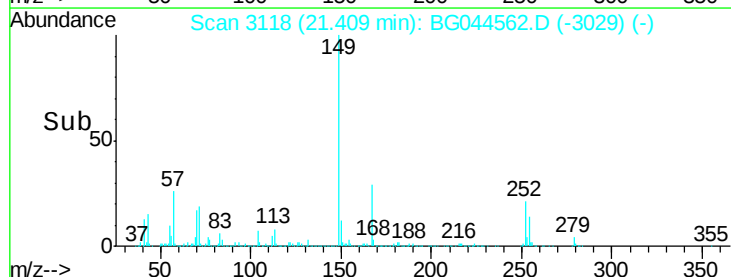
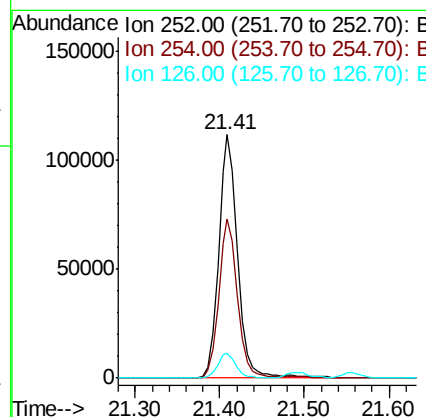
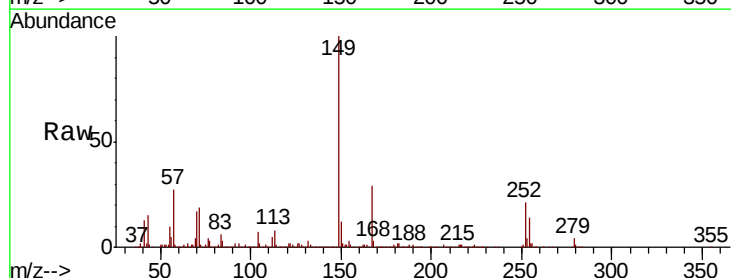
Manual Integrations
APPROVED

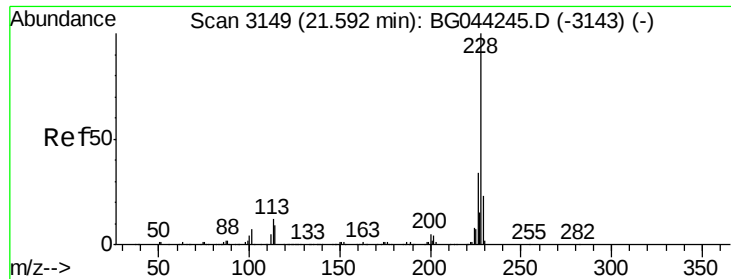
mohammad
2/24/2020 3:30:28 PM



#82
3,3'-Dichlorobenzidine
Concen: 21.837 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	54.2	81.4
126	10.4	7.9	11.9





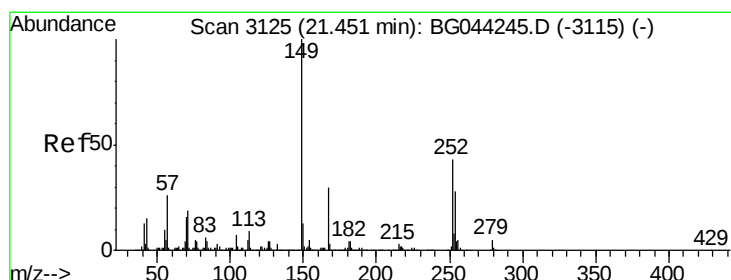
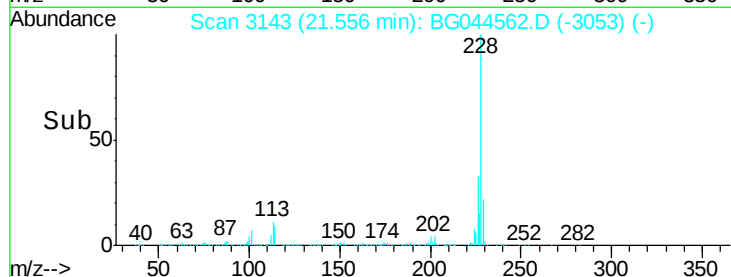
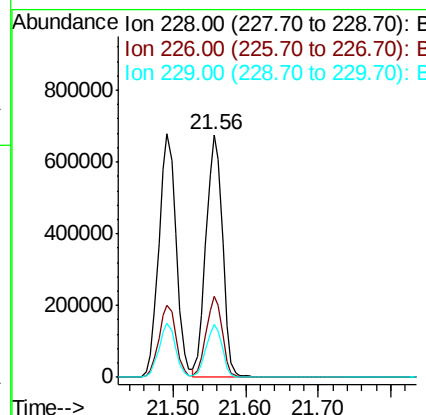
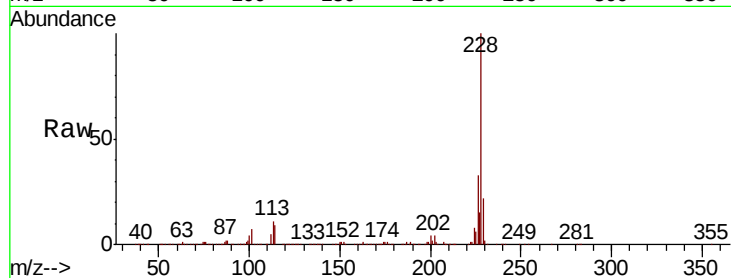
#83
Chrysene
Concen: 53.394 ng
RT: 21.56 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion:228 Resp: 1071648
Ion Ratio Lower Upper
228 100
226 33.4 27.7 41.5
229 22.1 18.2 27.2

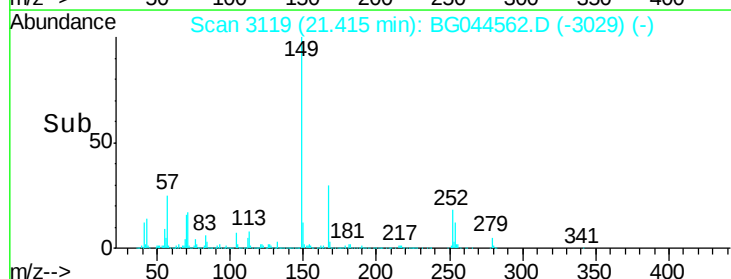
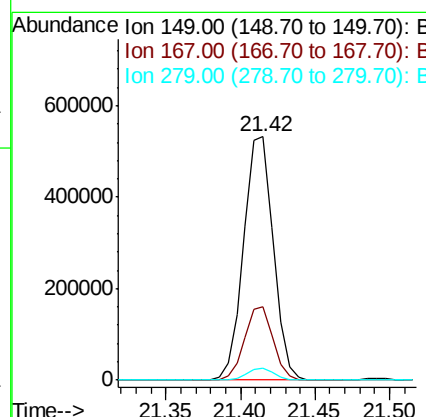
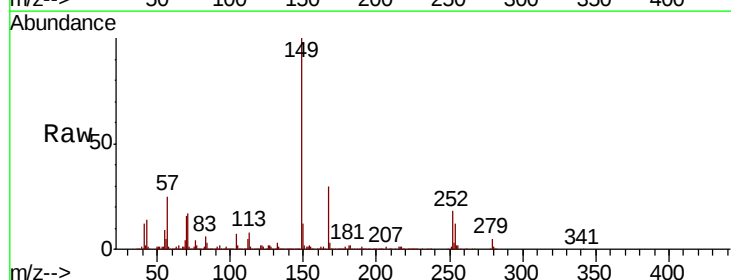
Manual Integrations
APPROVED

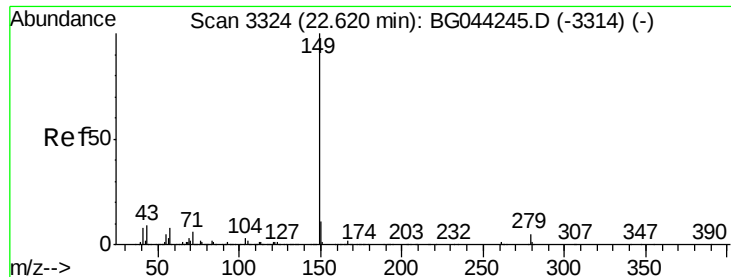
mohammad
2/24/2020 3:30:28 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.142 ng
RT: 21.42 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:149 Resp: 734794
Ion Ratio Lower Upper
149 100
167 30.2 24.7 37.1
279 4.9 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.634 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

BU-03-021820MS

Tot Ion:149 Resp: 1259429

Ion Ratio Lower Upper

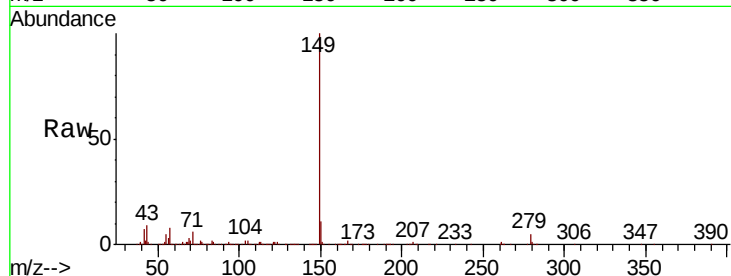
149 100

167 1.7 1.4 2.2

43 8.9 7.6 11.4

Manual Integrations
APPROVED

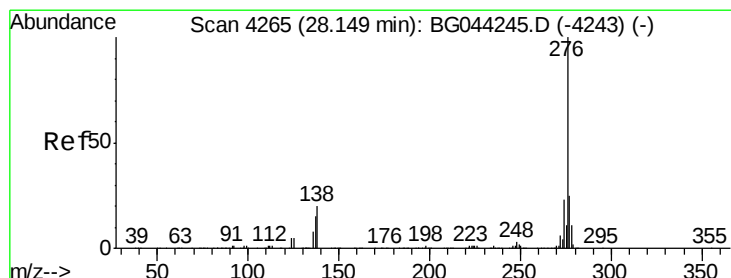
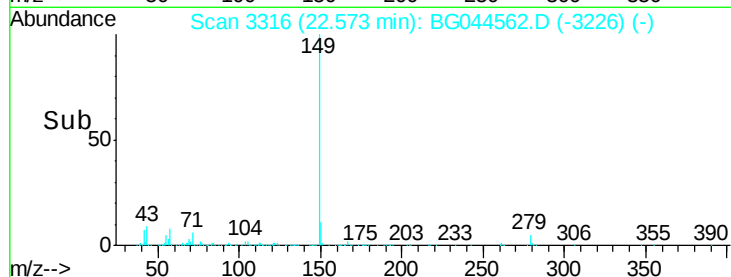
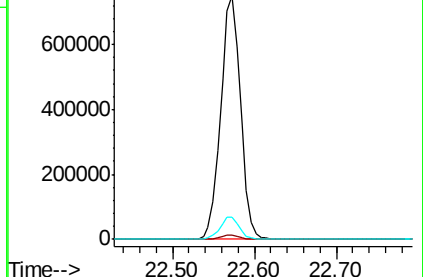
mohammad
2/24/2020 3:30:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.011 ng

RT: 28.07 min Scan# 4252

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:276 Resp: 1414282

Ion Ratio Lower Upper

276 100

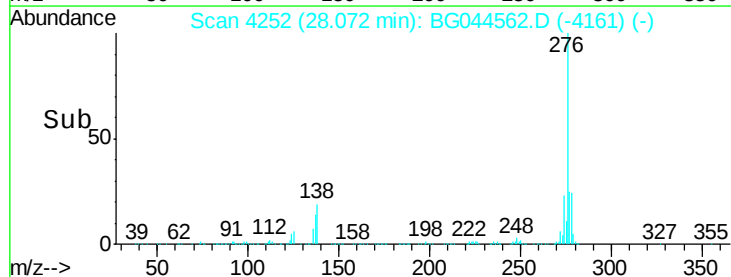
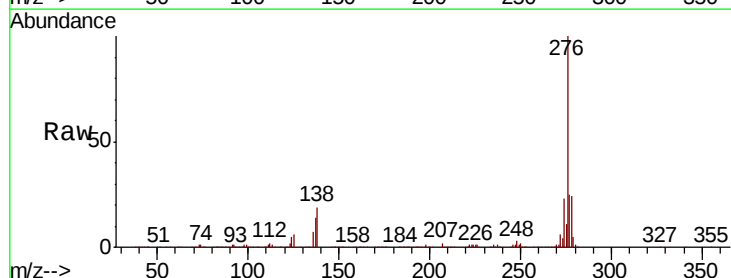
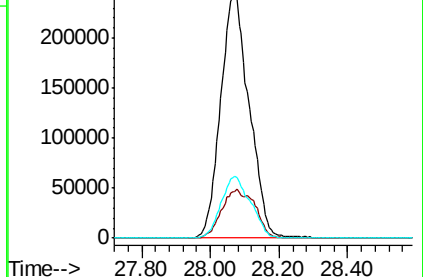
138 23.1 18.7 28.1

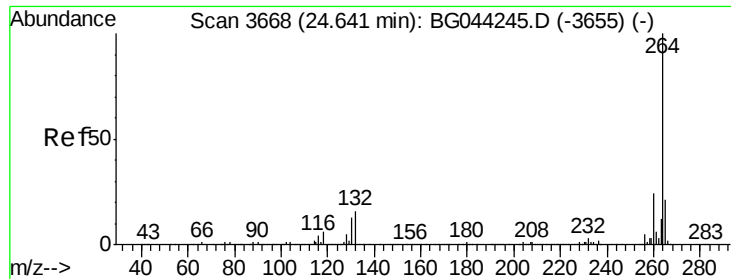
277 26.1 21.0 31.6

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





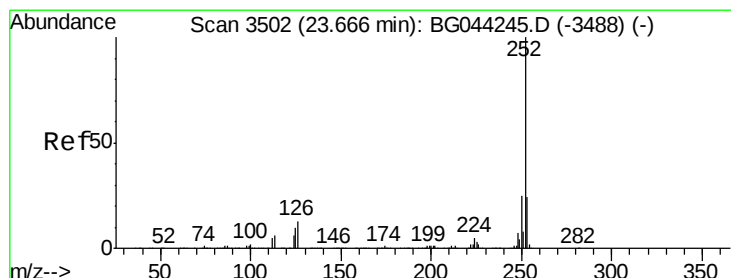
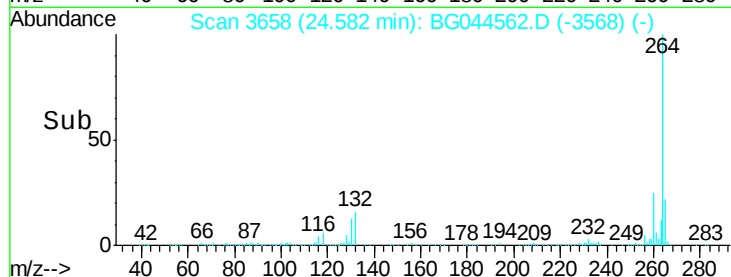
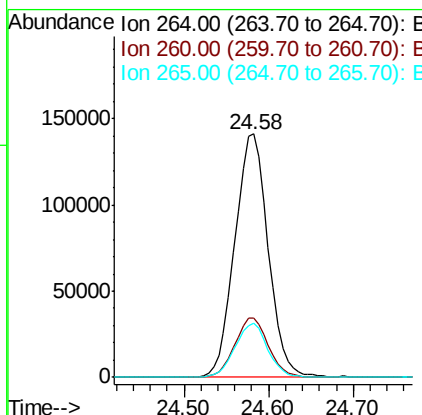
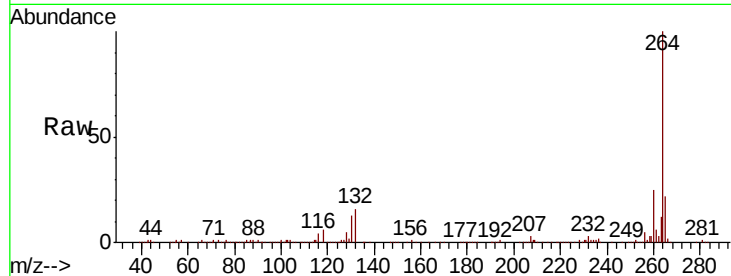
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.3	17.6	26.4

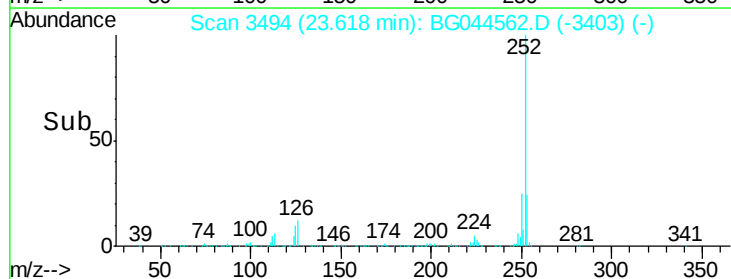
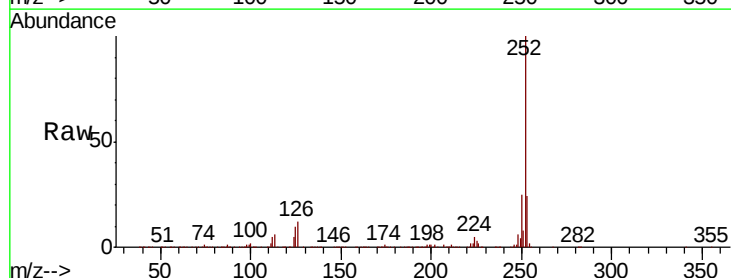
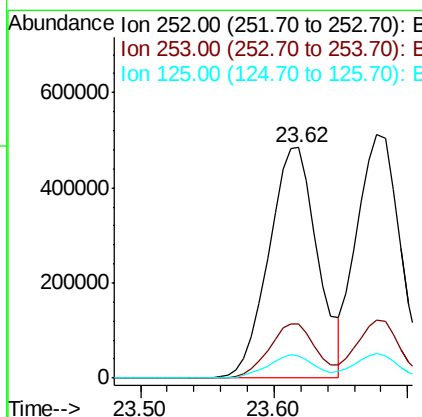
Manual Integrations
APPROVED

mohammad
2/24/2020 3:30:28 PM



#88
Benzo(b)fluoranthene
Concen: 55.332 ng
RT: 23.62 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	9.8	8.1	12.1





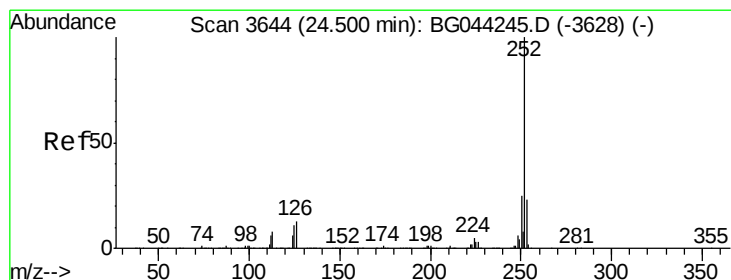
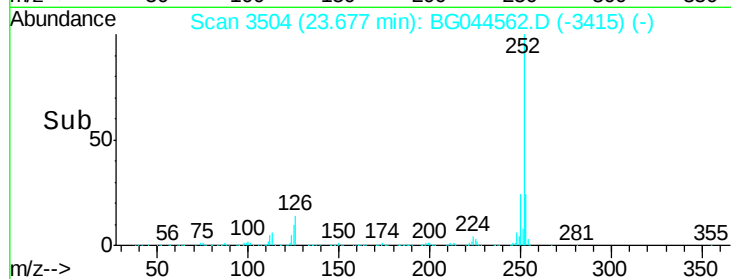
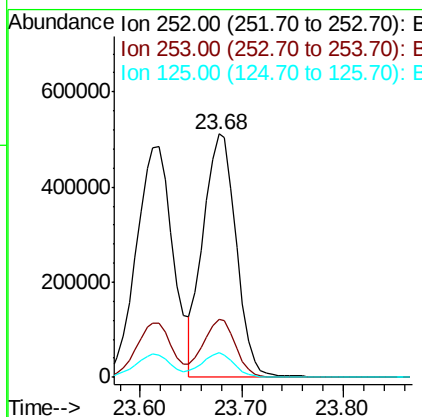
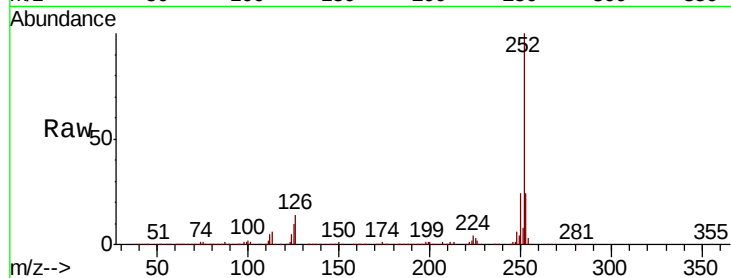
#89
Benzo(k)fluoranthene
Concen: 53.005 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.6	29.4
125	10.1	7.9	11.9

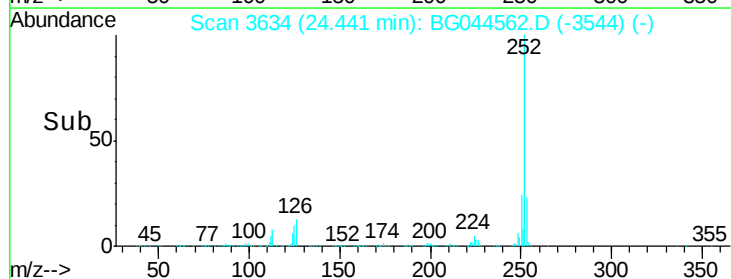
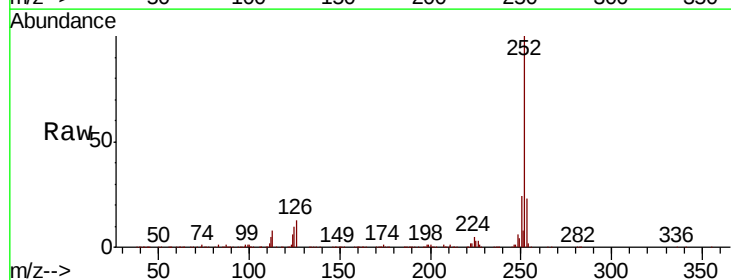
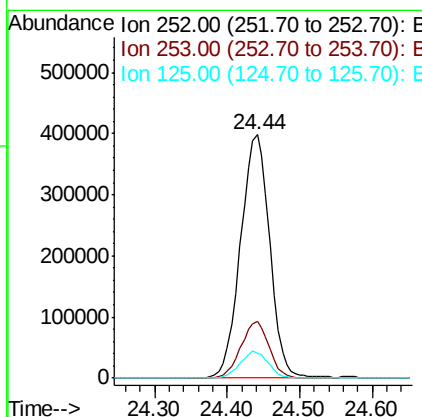
Manual Integrations
APPROVED

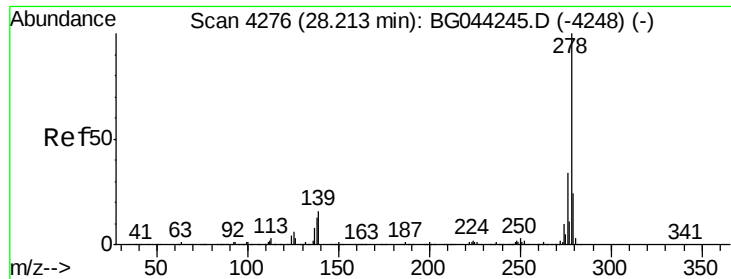
mohammad
2/24/2020 3:30:28 PM



#90
Benzo(a)pyrene
Concen: 52.886 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	10.4	8.7	13.1





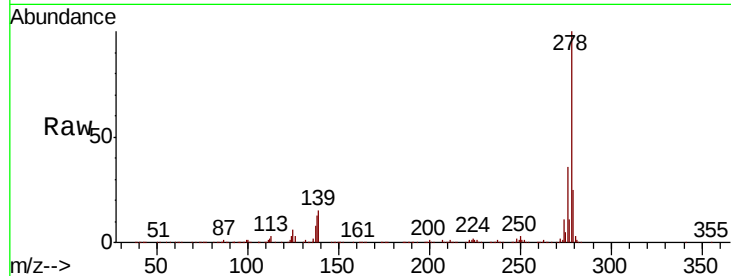
#91
 Dibenzo(a,h)anthracene
 Concen: 55.793 ng
 RT: 28.12 min Scan# 4261
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.7	19.1
279	24.9	20.2	30.2

Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:30:28 PM

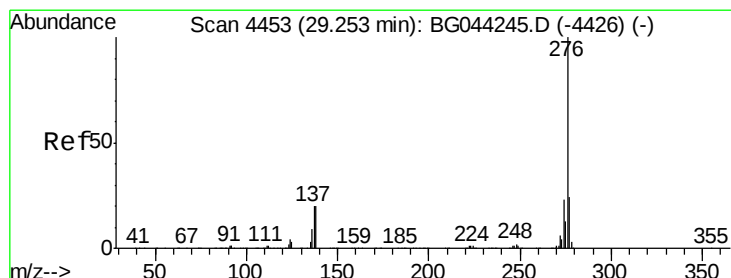
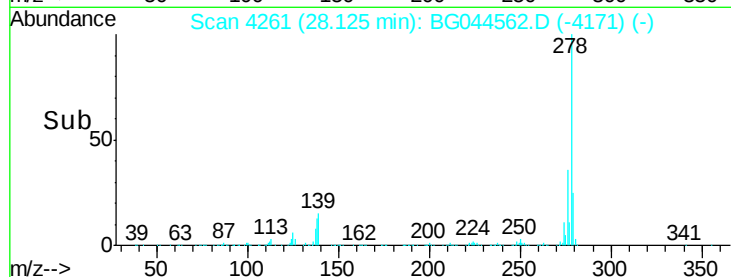
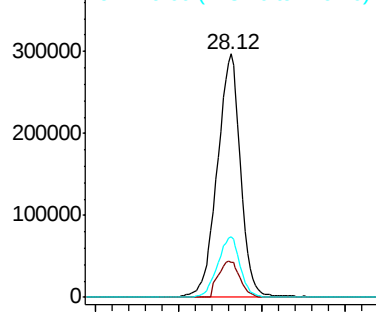


Abundance

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: 56.934 ng
 RT: 29.15 min Scan# 4436
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	20.4	16.4	24.6

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

