

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043462.D
 Acq On : 1 Nov 2019 12:49
 Operator : JU
 Sample : PB124454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Manual Integrations
 APPROVED

mohammad
 11/4/2019 11:49:50 AM

Quant Time: Nov 04 10:40:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34288	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	144342	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	124028	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	294807	20.00	ng	-0.02
76) Chrysene-d12	21.66	240	331075	20.00	ng	-0.01
87) Perylene-d12	24.85	264	370371	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	250294	133.76	ng	0.00
7) Phenol-d6	7.20	99	336198	124.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	167323	59.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	228819	96.95	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	467038	52.03	ng	-0.01
79) Terphenyl-d14	19.99	244	945869	53.60	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.47	88	28392	38.937	ng	# 86
3) Pyridine	3.87	79	70653	38.411	ng	94
4) n-Nitrosodimethylamine	3.79	42	43125	46.463	ng	90
6) Aniline	7.34	93	108750	35.066	ng	95
8) 2-Chlorophenol	7.59	128	99252	48.051	ng	97
9) Benzaldehyde	7.15	77	56759	42.900	ng	89
10) Phenol	7.23	94	121829	49.522	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	80706	42.432	ng	94
12) 1,3-Dichlorobenzene	7.90	146	107755	41.637	ng	98
13) 1,4-Dichlorobenzene	8.04	146	109953	41.993	ng	99
14) 1,2-Dichlorobenzene	8.37	146	106214	41.546	ng	99
15) Benzyl Alcohol	8.26	79	88434	46.773	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	107680	38.935	ng	97
17) 2-Methylphenol	8.47	107	82441	45.969	ng	100
18) Hexachloroethane	9.10	117	37459	39.653	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	71544	41.126	ng	95
20) 3+4-Methylphenols	8.80	107	118310	48.109	ng	89
22) Acetophenone	8.84	105	141749	38.347	ng	97
24) Nitrobenzene	9.22	77	109787	41.163	ng	# 94
25) Isophorone	9.74	82	201152	39.297	ng	98
26) 2-Nitrophenol	9.93	139	58101	45.122	ng	98
27) 2,4-Dimethylphenol	9.99	122	96182	52.116	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	112224	39.723	ng	97
29) 2,4-Dichlorophenol	10.48	162	108693	45.966	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	117008	39.260	ng	99
31) Naphthalene	10.87	128	303983	41.490	ng	97
32) Benzoic acid	10.16	122	53677	39.959	ng	93
33) 4-Chloroaniline	10.99	127	74489	24.802	ng	97
34) Hexachlorobutadiene	11.16	225	82679	37.528	ng	88
35) Caprolactam	11.75	113	35636m	43.758	ng	
36) 4-Chloro-3-methylphenol	12.12	107	116123	45.021	ng	98
37) 2-Methylnaphthalene	12.47	142	235650	41.918	ng	95
38) 1-Methylnaphthalene	12.69	142	225392	42.138	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	152160	33.150	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043462.D
 Acq On : 1 Nov 2019 12:49
 Operator : JU
 Sample : PB124454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Manual Integrations
 APPROVED

mohammad
 11/4/2019 11:49:50 AM

Quant Time: Nov 04 10:40:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	179925	74.620	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	100999	37.363	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	108221	39.600	nq	98
46) 1,1'-Biphenyl	13.48	154	322599	34.190	nq	99
47) 2-Chloronaphthalene	13.52	162	248625	34.632	nq	98
48) 2-Nitroaniline	13.73	65	76983	35.878	nq	97
49) Acenaphthylene	14.37	152	405053	36.252	nq	98
50) Dimethylphthalate	14.10	163	335712	34.945	nq	99
51) 2,6-Dinitrotoluene	14.21	165	77280	37.028	nq	93
52) Acenaphthene	14.71	154	241183	35.396	nq	98
53) 3-Nitroaniline	14.55	138	50412	25.018	nq	96
54) 2,4-Dinitrophenol	14.76	184	92562	71.840	nq	93
55) Dibenzofuran	15.04	168	397486	35.973	nq	100
56) 4-Nitrophenol	14.88	139	115956	85.873	nq	97
57) 2,4-Dinitrotoluene	15.01	165	108602	36.411	nq	# 96
58) Fluorene	15.69	166	331265	35.744	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	109919	37.857	nq	# 99
60) Diethylphthalate	15.46	149	337212	34.934	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	189876	35.120	nq	98
62) 4-Nitroaniline	15.72	138	74683	35.888	nq	98
63) Azobenzene	15.98	77	279424	35.768	nq	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	70127	40.420	nq	97
66) n-Nitrosodiphenylamine	15.89	169	293181	35.225	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	136149	34.317	nq	98
68) Hexachlorobenzene	16.70	284	151533	33.274	nq	99
69) Atrazine	16.85	200	132724	45.892	nq	98
70) Pentachlorophenol	17.04	266	175905	84.768	nq	95
71) Phenanthrene	17.43	178	528486	35.008	nq	100
72) Anthracene	17.52	178	550453	36.444	nq	98
73) Carbazole	17.80	167	498524	36.447	nq	100
74) Di-n-butylphthalate	18.34	149	586352	35.330	nq	99
75) Fluoranthene	19.44	202	718886	36.527	nq	99
77) Benzidine	19.62	184	204755	30.730	nq	95
78) Pyrene	19.80	202	730250	35.634	nq	100
80) Butylbenzylphthalate	20.68	149	268915	34.636	nq	99
81) Benzo(a)anthracene	21.63	228	749543	36.143	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	234481	29.233	nq	97
83) Chrysene	21.70	228	725029	35.187	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	398545	36.136	nq	98
85) Di-n-octyl phthalate	22.74	149	688922	36.818	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	961497	37.174	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	793327	37.820	nq	99
89) Benzo(k)fluoranthene	23.91	252	812635	38.482	nq	99
90) Benzo(a)pyrene	24.70	252	745396	37.212	nq	100
91) Dibenzo(a,h)anthracene	28.54	278	812715	39.666	nq	100
92) Benzo(g,h,i)perylene	29.62	276	816531	40.402	nq	99

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



#1

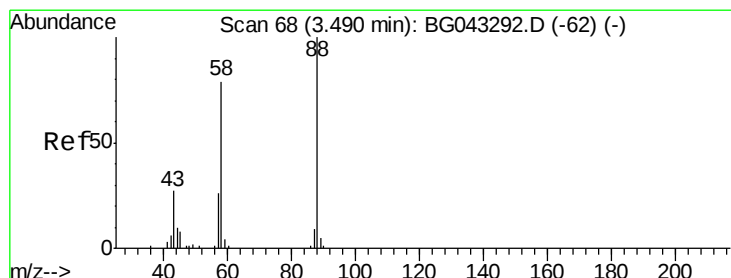
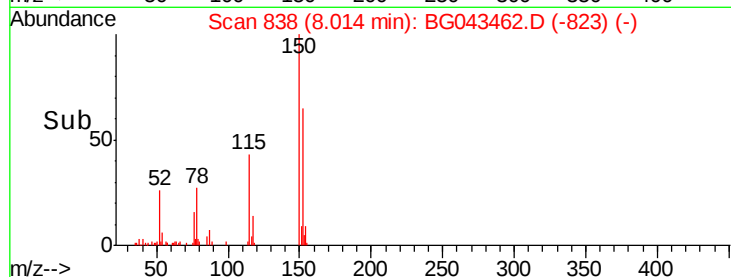
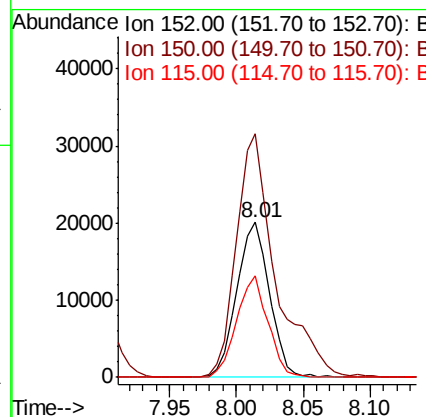
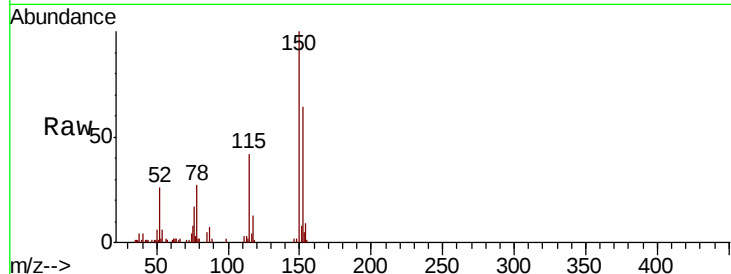
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	113.6	170.4
115	65.2	45.9	68.9

Manual Integrations
APPROVED

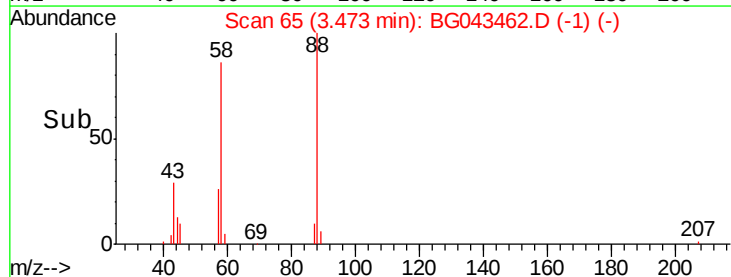
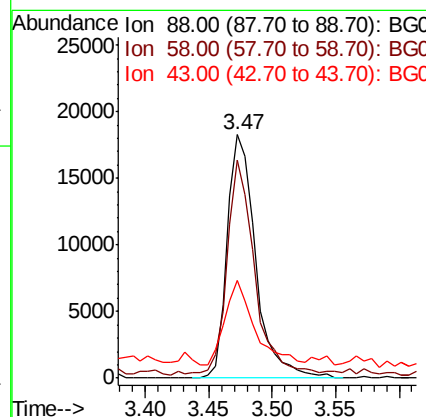
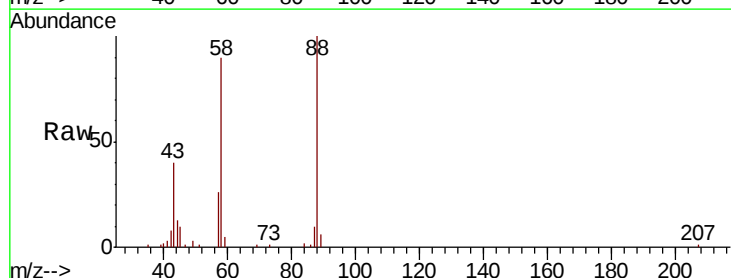
mohammad
11/4/2019 11:49:50 AM



#2

1,4-Dioxane
Concen: 38.937 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	60.2	90.2
43	36.6	22.7	34.1





#3

Pvridine

Concen: 38.411 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

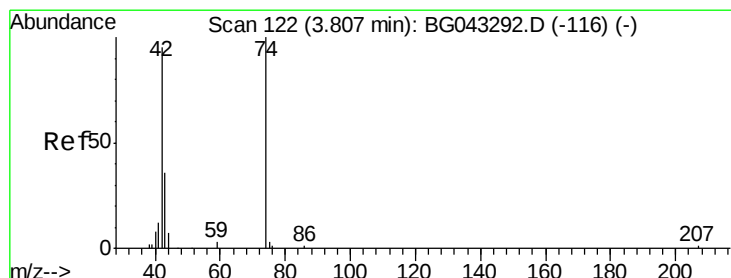
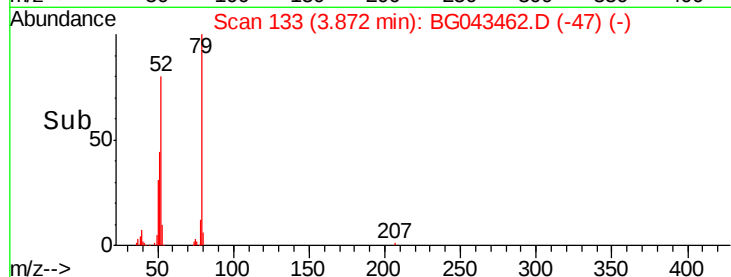
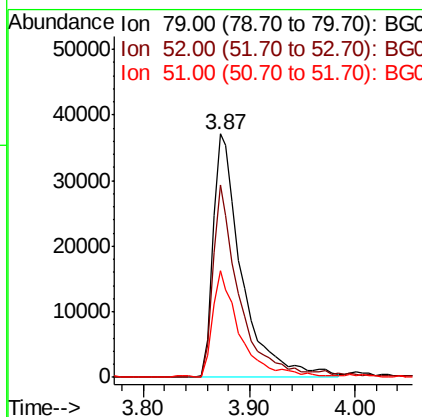
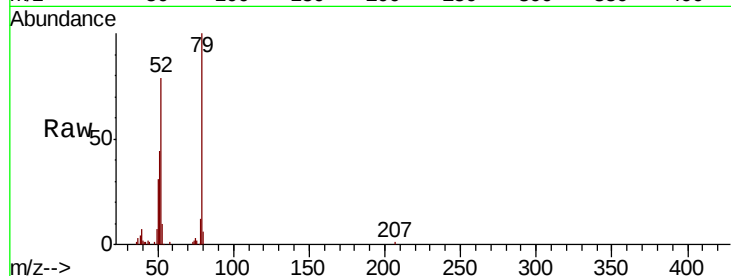
ClientSampleId :

PB124454BS

Tot Ion:	79	Resp:	70653
Ion Ratio	Lower	Upper	
79	100		
52	79.2	59.7	89.5
51	43.8	31.8	47.6

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#4

n-Nitrosodimethylamine

Concen: 46.463 ng

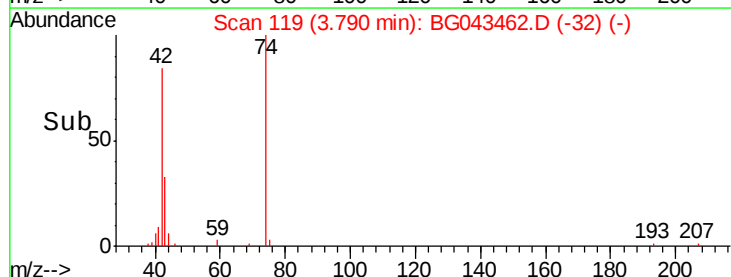
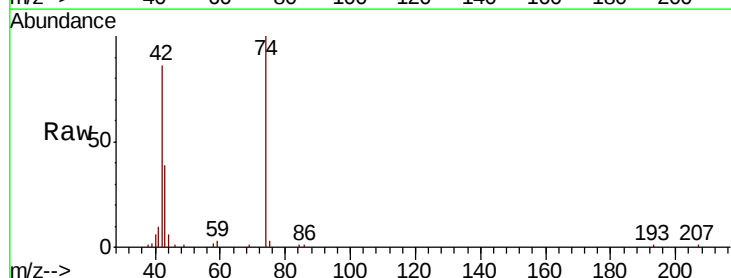
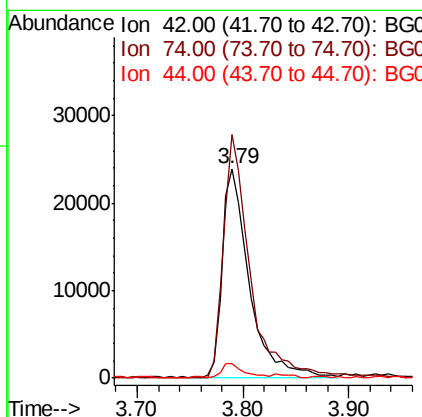
RT: 3.79 min Scan# 119

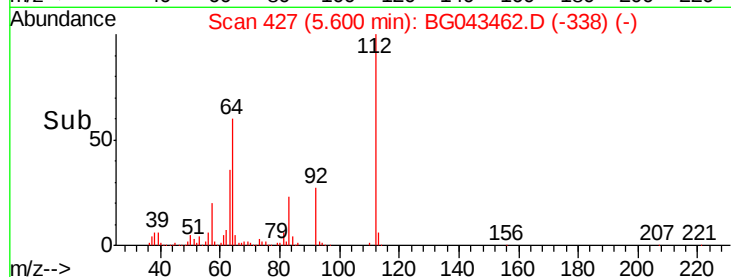
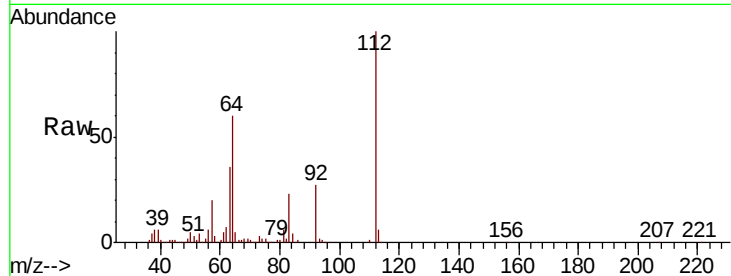
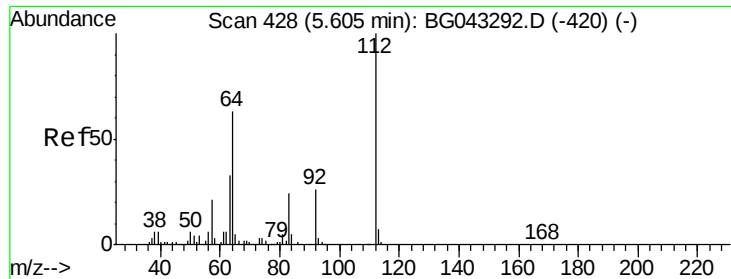
Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	42	Resp:	43125
Ion Ratio	Lower	Upper	
42	100		
74	116.4	84.2	126.2
44	6.8	6.0	9.0





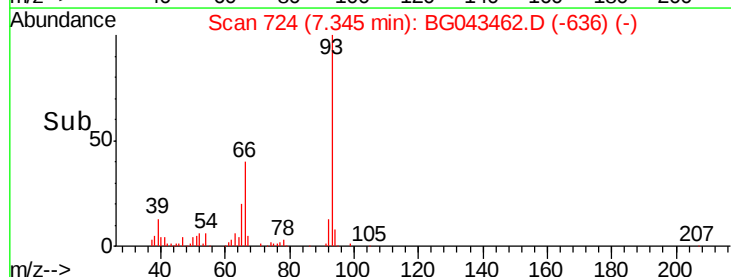
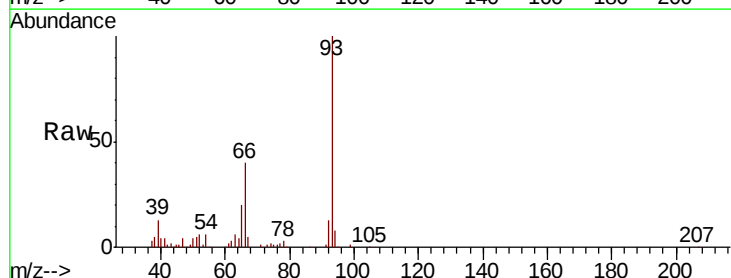
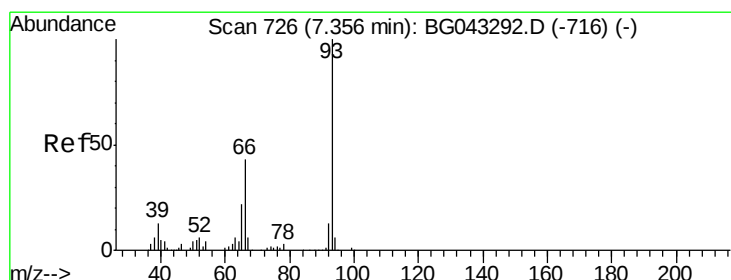
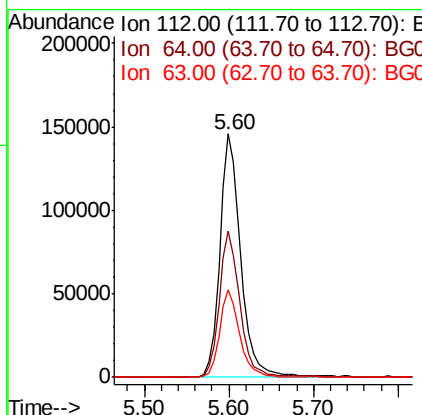
#5
2-Fluorophenol
Concen: 133.764 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tot Ion	Ratio	Resp	Lower	Upper
112	100	250294		
64	59.9		50.2	75.2
63	35.9		26.7	40.1

Instrument :
BNA_G
ClientSampleId :
PB124454BS

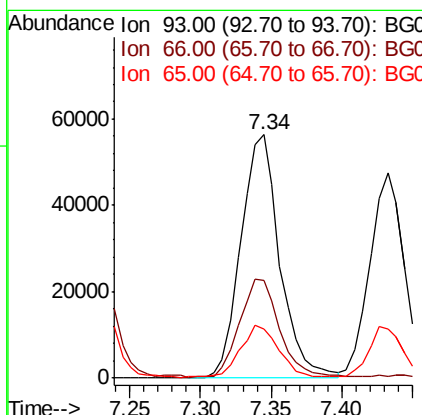
Manual Integrations
APPROVED

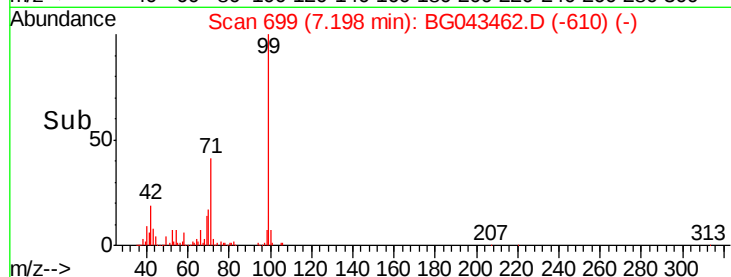
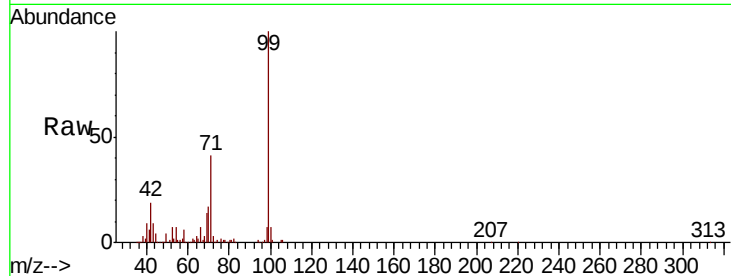
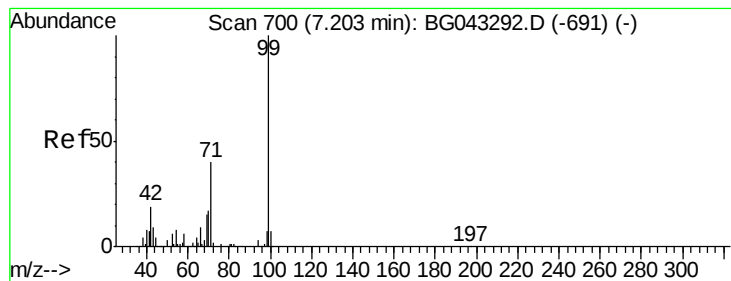
mohammad
11/4/2019 11:49:50 AM



#6
Aniline
Concen: 35.066 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108750		
66	40.1		34.5	51.7
65	20.1		18.0	27.0





#7

Phenol-d6

Concen: 124.881 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tot Ion:	99	Resp:	336198
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.9	22.3
71	41.4	32.2	48.2

Instrument :

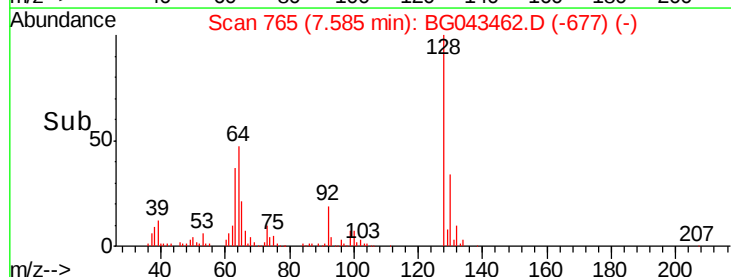
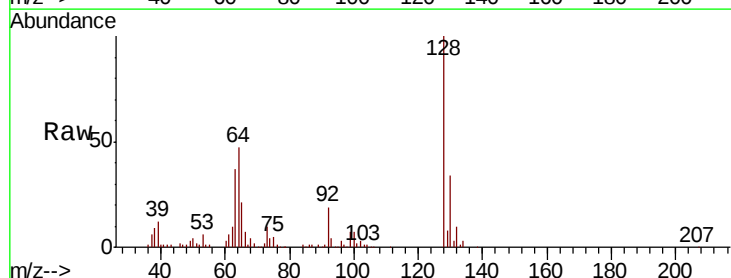
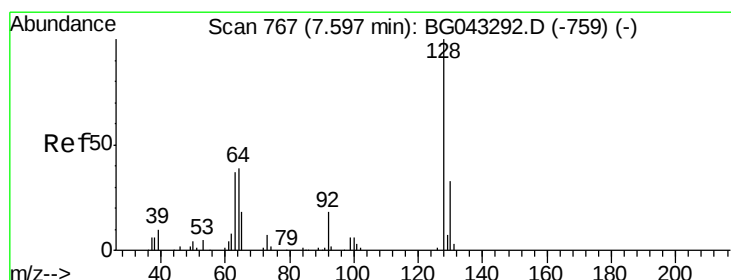
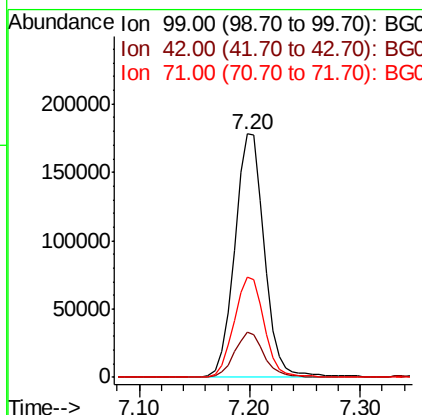
BNA_G

ClientSampleId :

PB124454BS

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#8

2-Chlorophenol

Concen: 48.051 ng

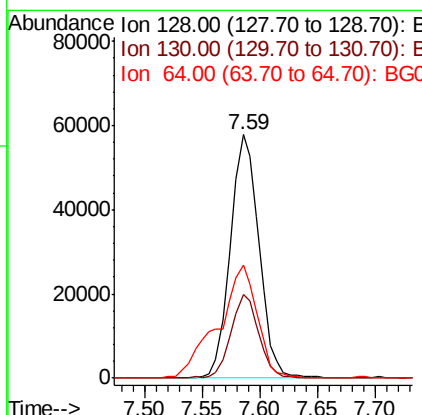
RT: 7.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	128	Resp:	99252
Ion Ratio	Lower	Upper	
128	100		
130	34.5	12.9	52.9
64	46.5	24.9	64.9





#9

Benzaldehyde

Concen: 42.900 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

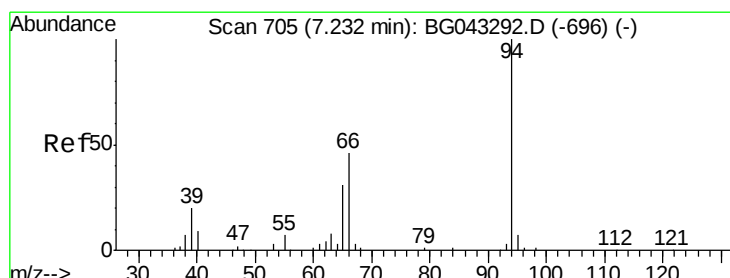
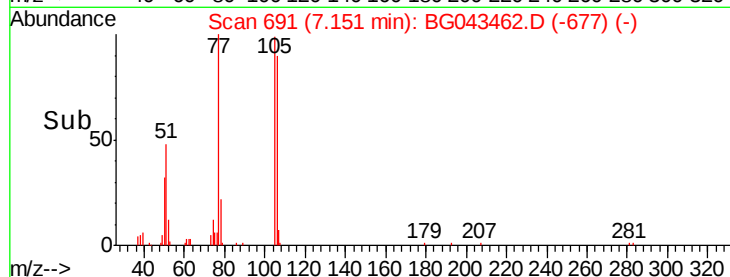
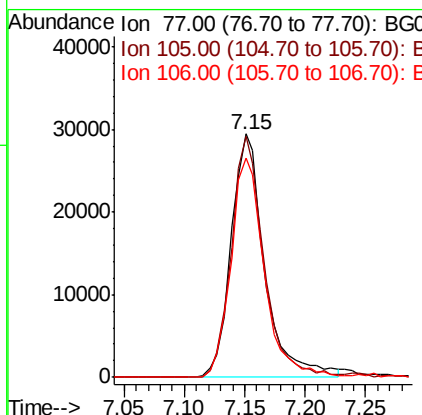
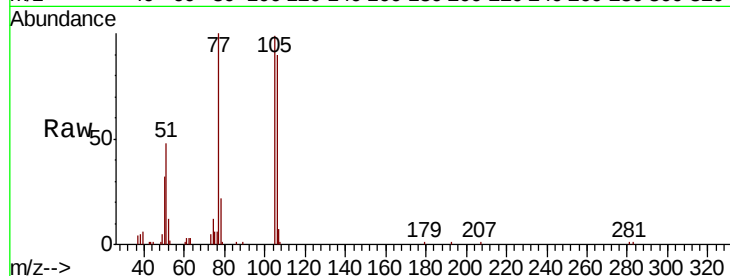
ClientSampleId :

PB124454BS

Tot Ion:	77	Resp:	56759
Ion	Ratio	Lower	Upper
77	100		
105	98.8	68.7	108.7
106	90.2	60.5	100.5

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#10

Phenol

Concen: 49.522 ng

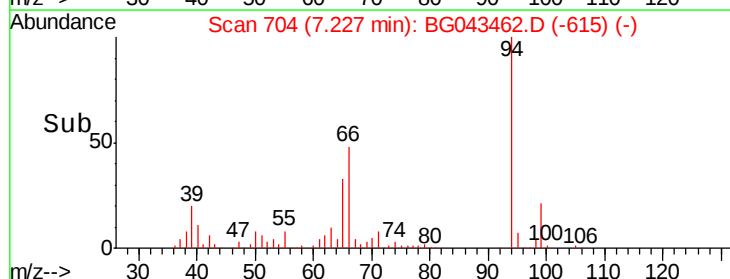
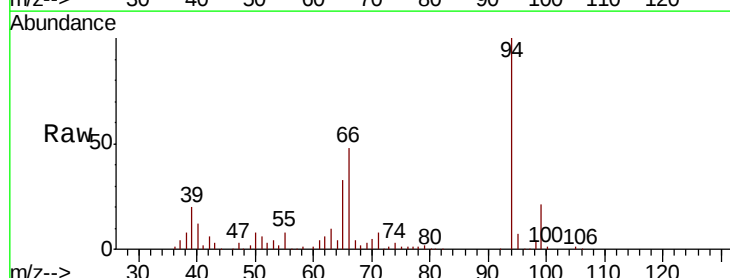
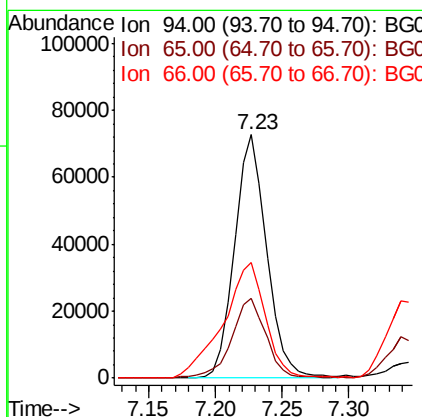
RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	94	Resp:	121829
Ion	Ratio	Lower	Upper
94	100		
65	32.6	11.1	51.1
66	47.5	27.8	67.8





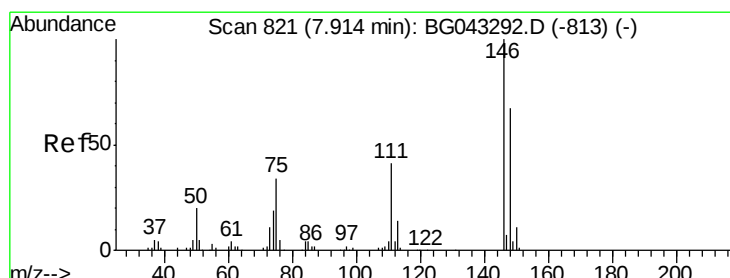
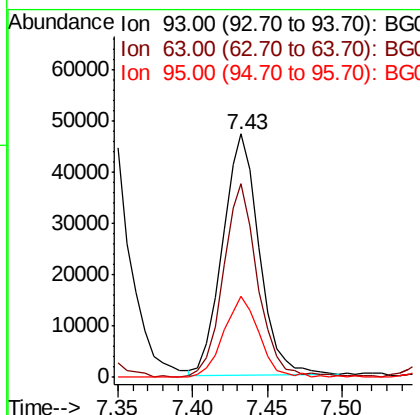
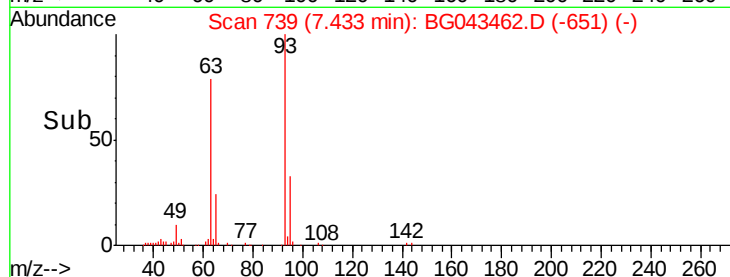
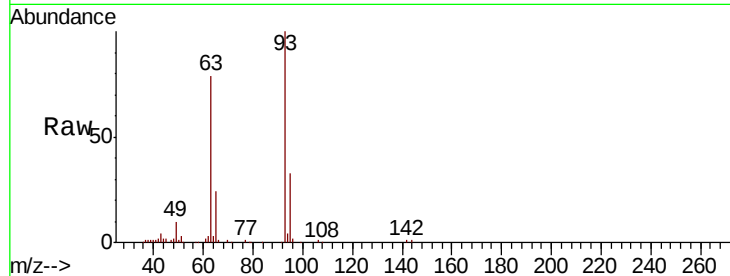
#11
bis(2-Chloroethyl)ether
Concen: 42.432 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	54.6	94.6
95	33.2	9.7	49.7

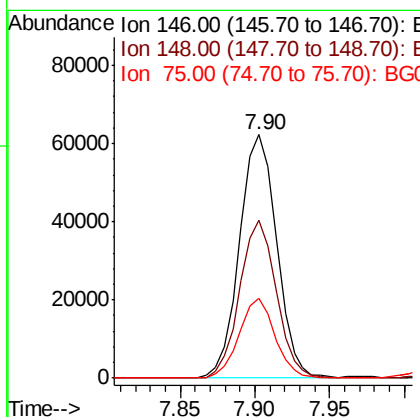
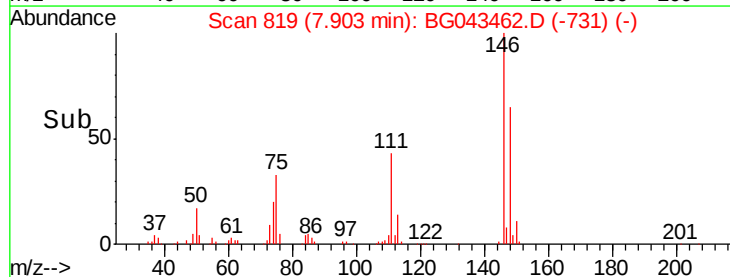
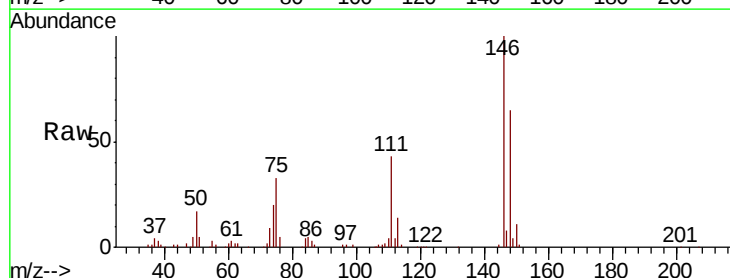
Manual Integrations
APPROVED

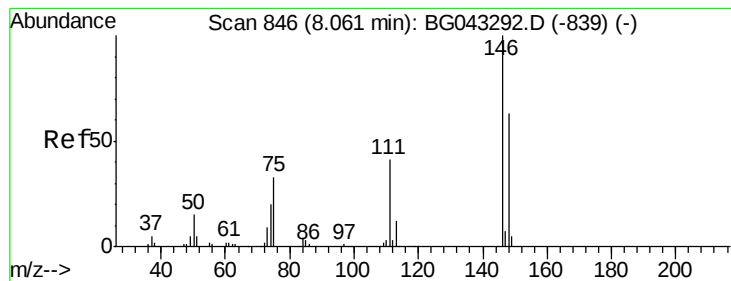
mohammad
11/4/2019 11:49:50 AM



#12
1,3-Dichlorobenzene
Concen: 41.637 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.2
75	32.7	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.993 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

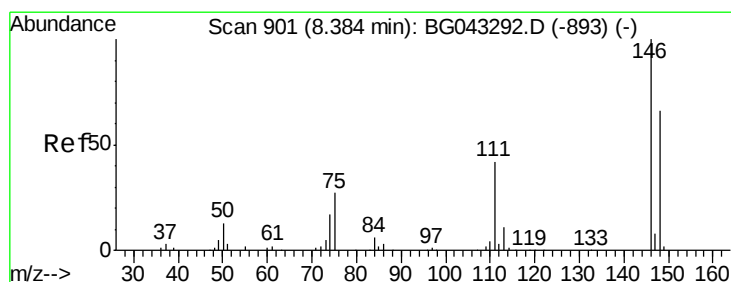
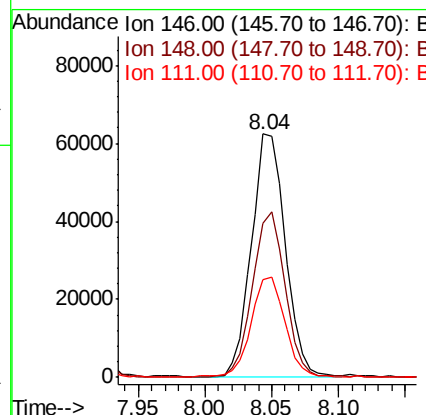
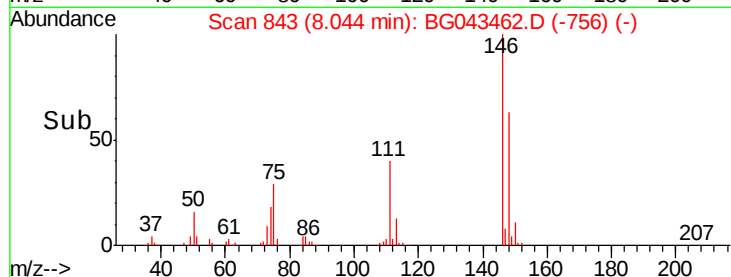
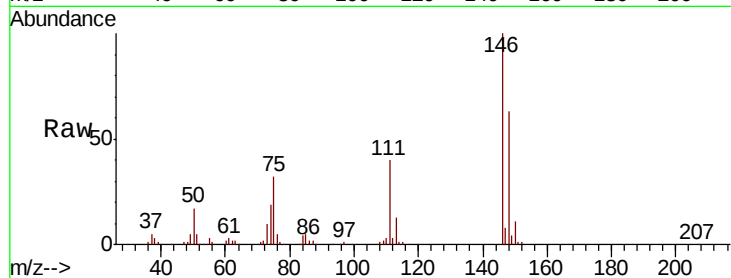
ClientSampleId :

PB124454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		109953		
148	63.2	50.7	76.1		
111	40.1	33.0	49.6		

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#14

1,2-Dichlorobenzene

Concen: 41.546 ng

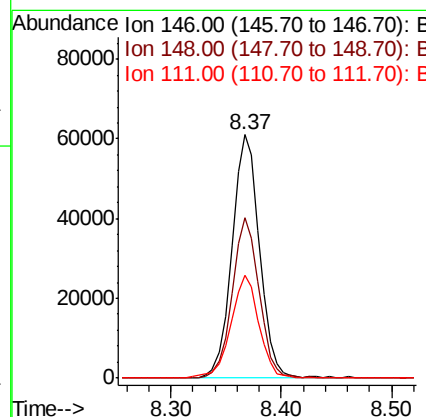
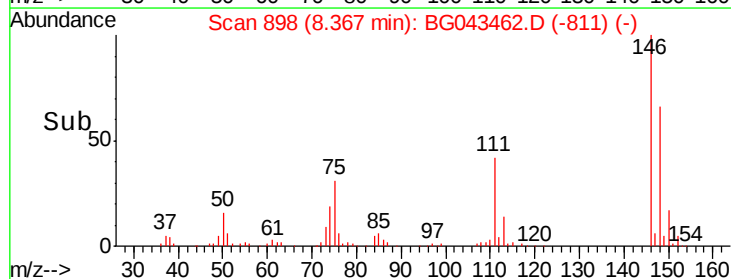
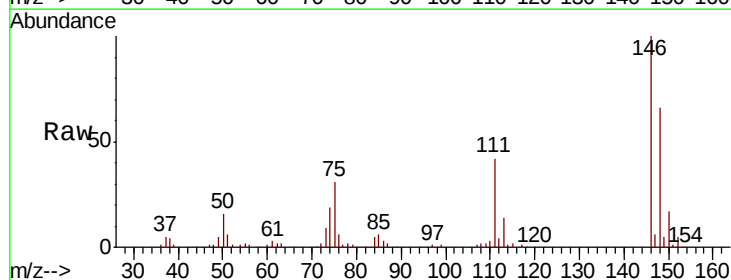
RT: 8.37 min Scan# 898

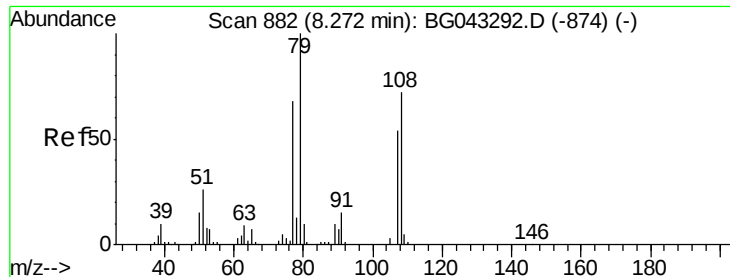
Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		106214		
148	65.8	53.0	79.4		
111	42.0	34.5	51.7		





#15

Benzyl Alcohol

Concen: 46.773 ng

RT: 8.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

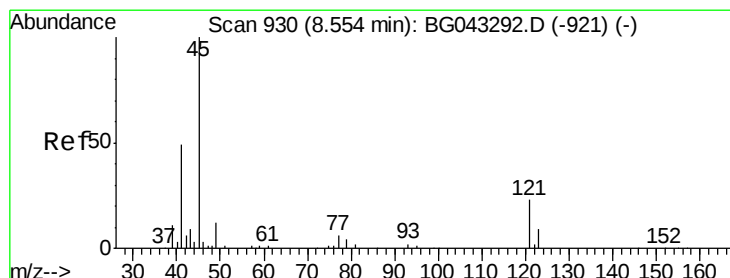
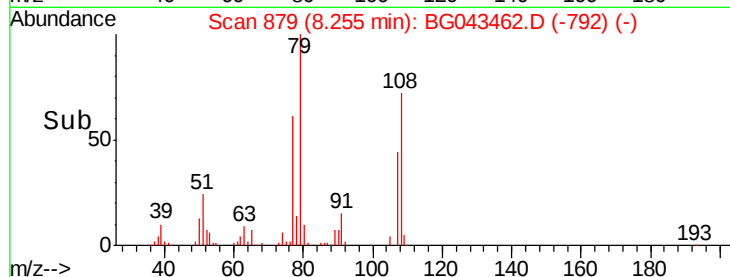
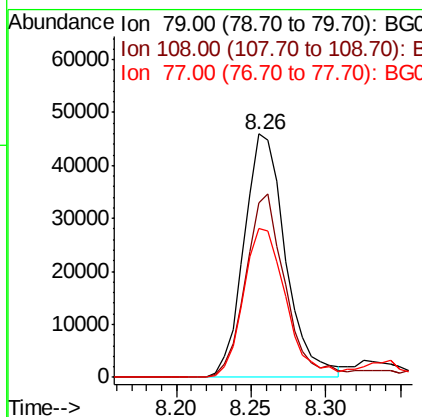
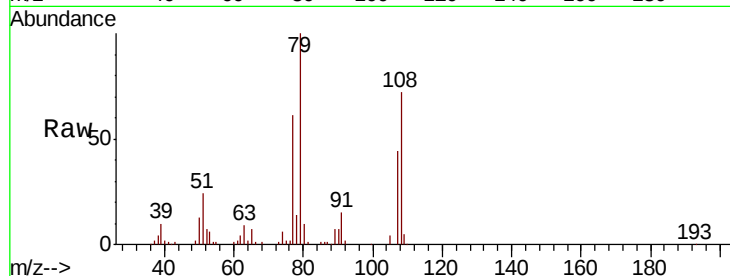
ClientSampleId :

PB124454BS

Tot Ion:	79	Resp:	88434
Ion	Ratio	Lower	Upper
79	100		
108	71.8	57.3	85.9
77	61.3	54.6	81.8

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.935 ng

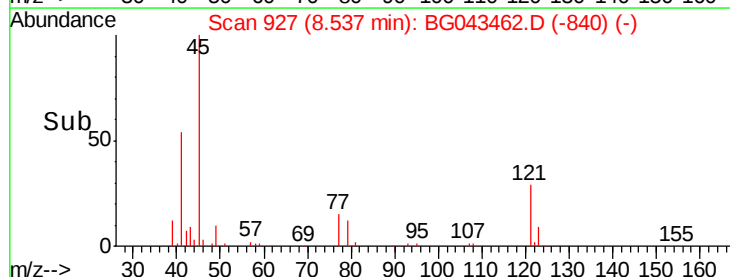
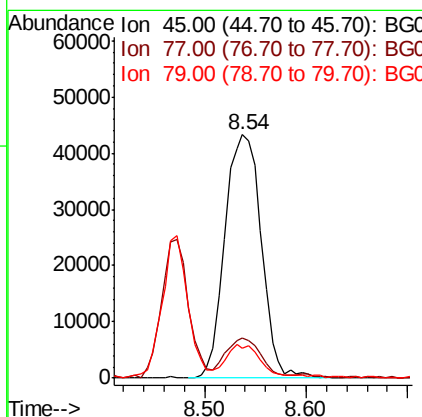
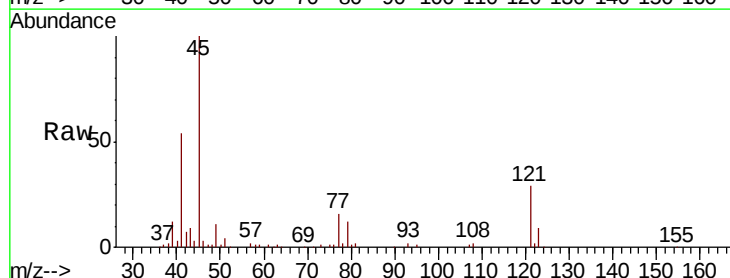
RT: 8.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	45	Resp:	107680
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	34.2
79	12.4	0.0	32.3





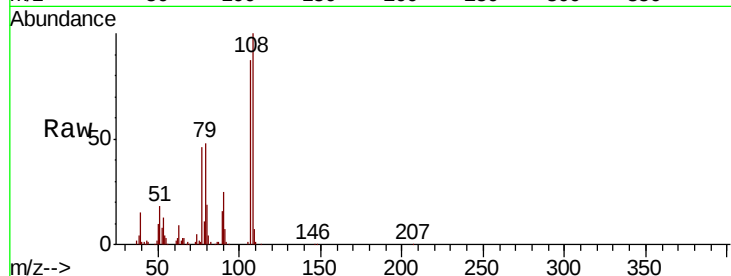
#17
2-Methylphenol
Concen: 45.969 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.3	136.9	
77	52.9	43.0	64.6	
79	54.4	43.4	65.2	

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



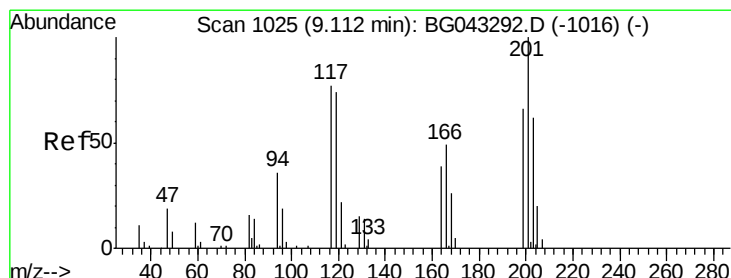
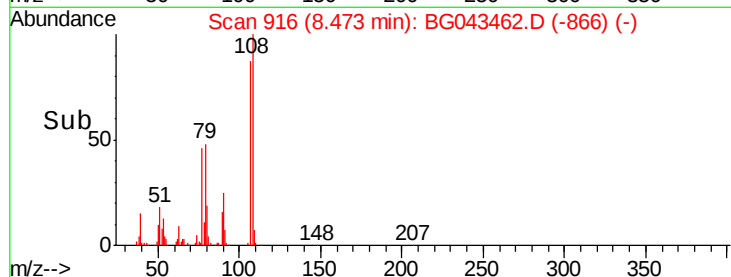
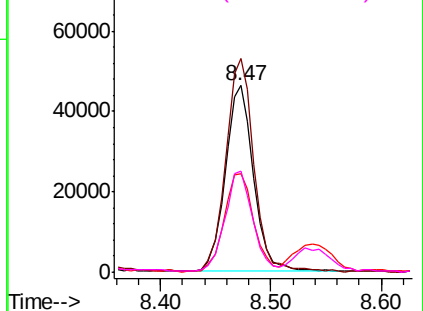
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

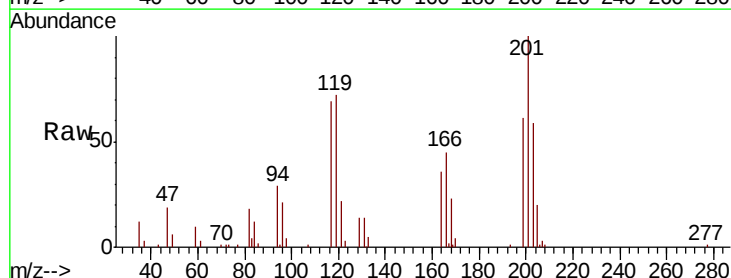
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.653 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.3	77.3	115.9	
201	144.5	104.2	156.4	

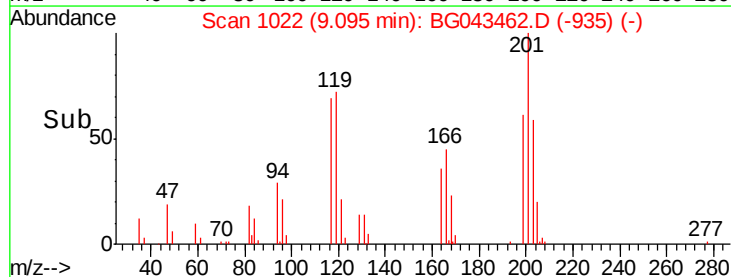
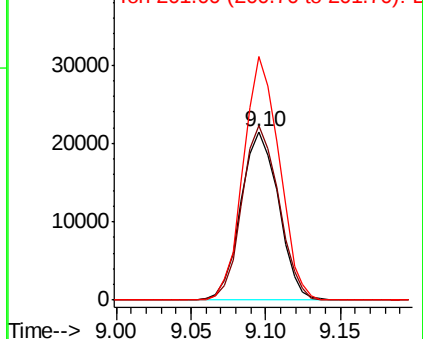


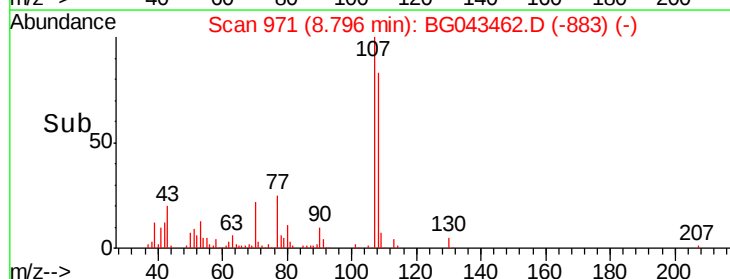
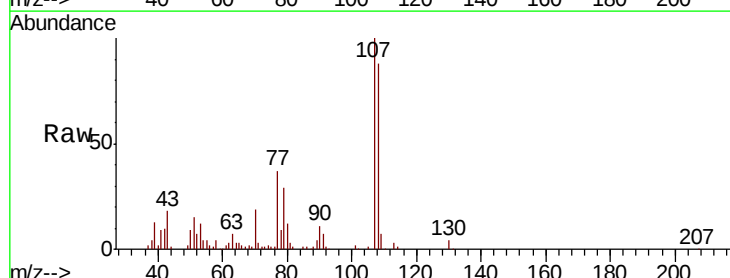
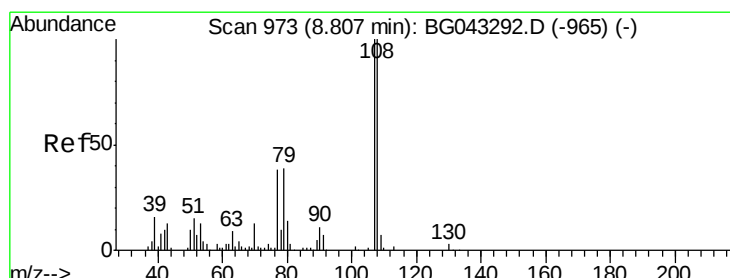
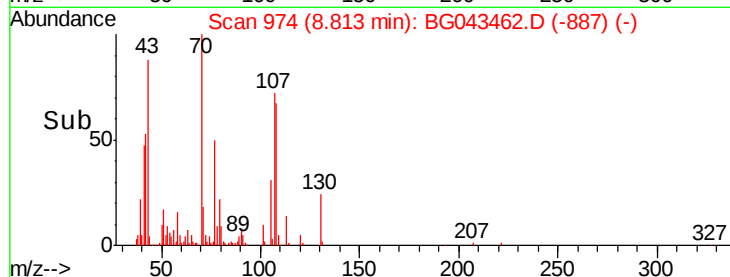
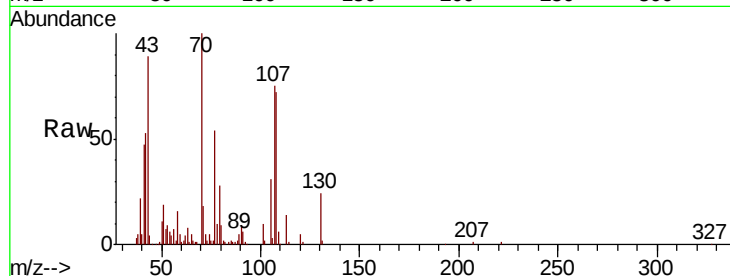
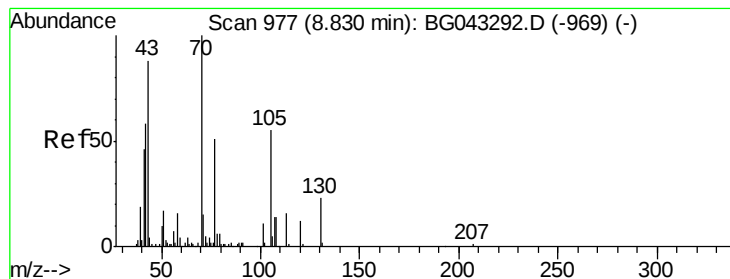
Abundance

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: 41.126 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tot Ion:	70	Resp:	71544
Ion Ratio	Lower	Upper	
70	100		
42	53.0	46.2	69.2
101	9.6	8.6	13.0
130	24.4	18.6	27.8

Instrument :

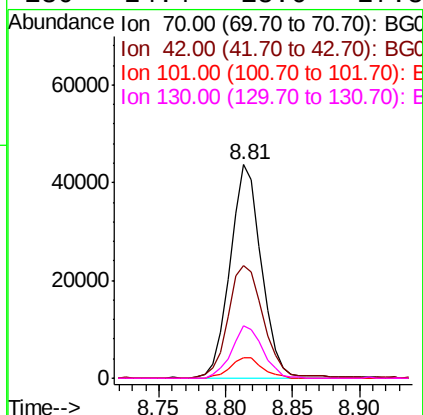
BNA_G

ClientSampleId :

PB124454BS

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#20

3+4-Methylphenols

Concen: 48.109 ng

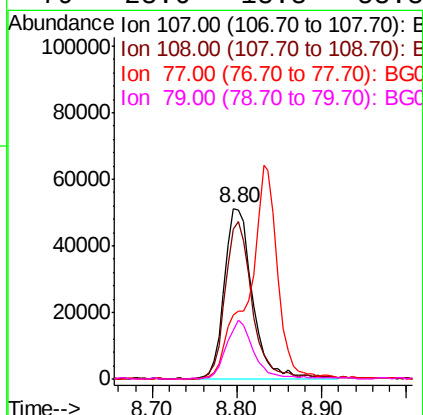
RT: 8.80 min Scan# 971

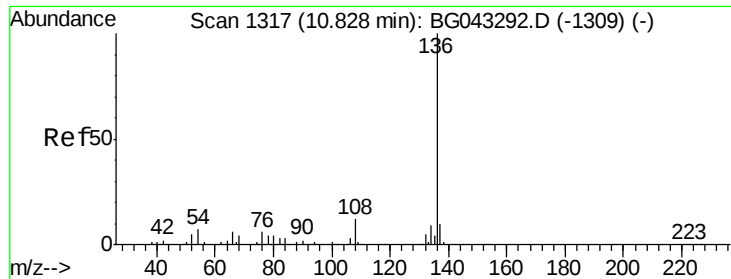
Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	107	Resp:	118310
Ion Ratio	Lower	Upper	
107	100		
108	87.9	80.3	120.3
77	37.2	18.2	58.2
79	28.6	18.8	58.8





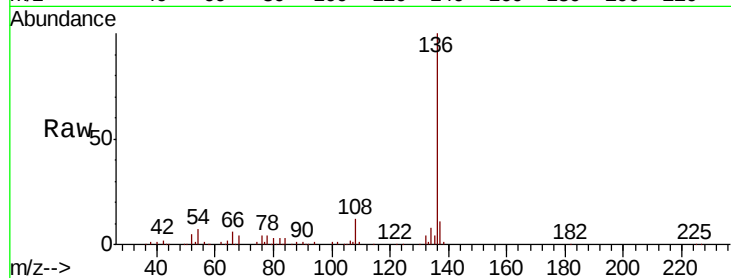
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		144342		
137	10.8	8.2	12.2		
54	7.3	5.4	8.2		
68	3.6	3.3	4.9		

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



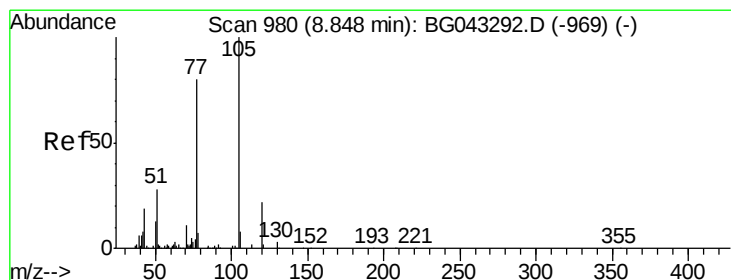
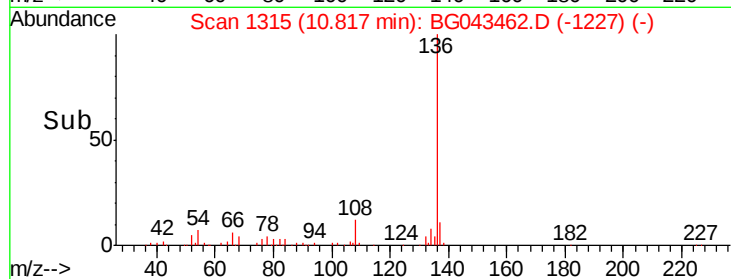
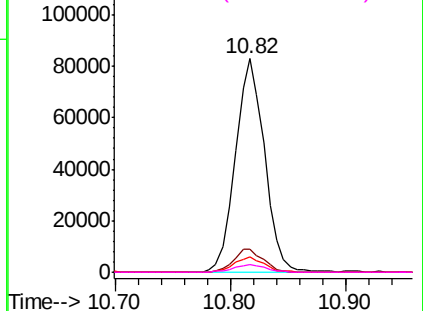
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.347 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		141749		
71	1.6	1.5	2.3		
51	27.2	23.9	35.9		
120	22.3	17.3	25.9		

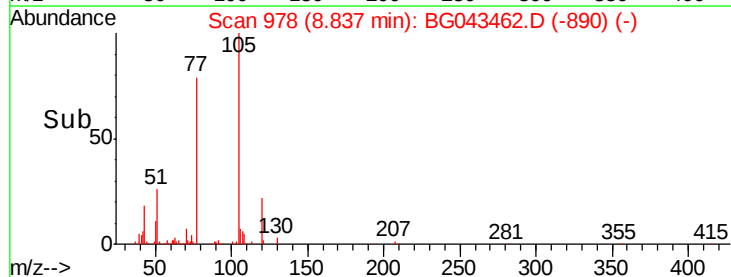
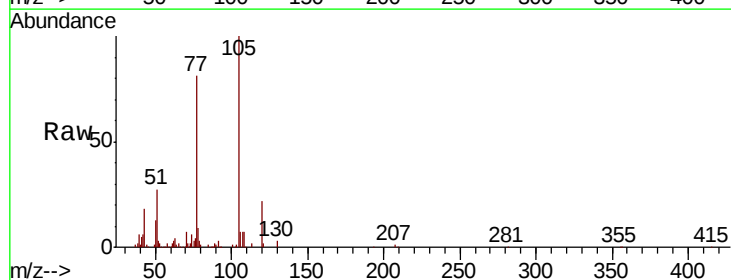
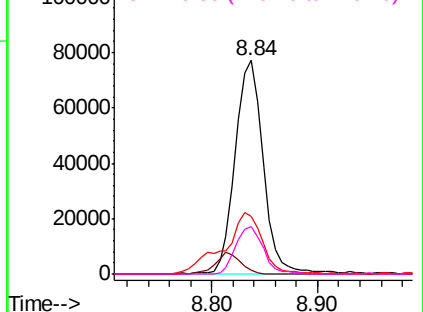
Abundance

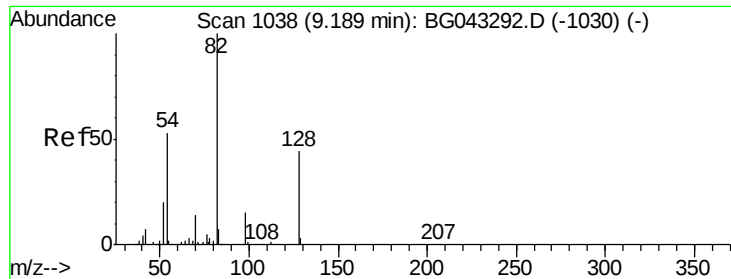
Ion 105.00 (104.70 to 105.70): E

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





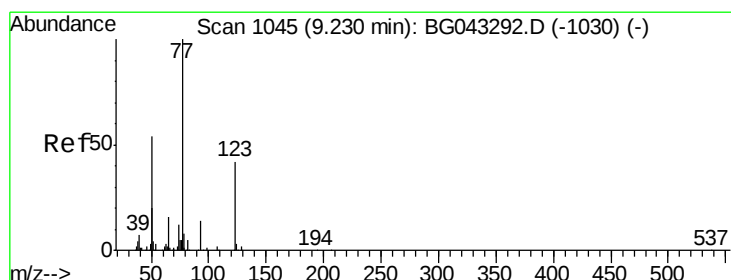
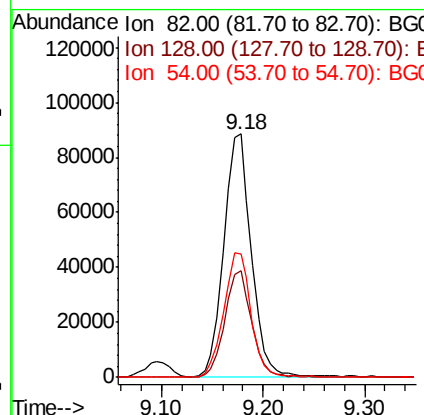
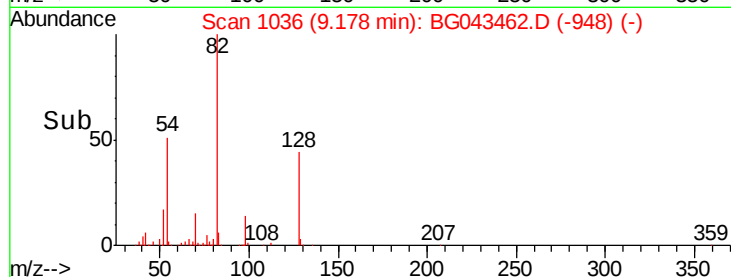
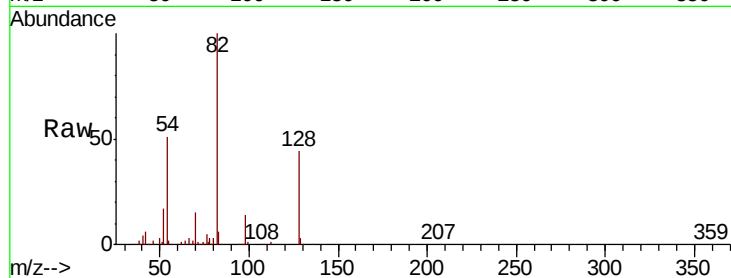
#23
 Nitrobenzene-d5
 Concen: 59.763 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	50.5	42.3	63.5

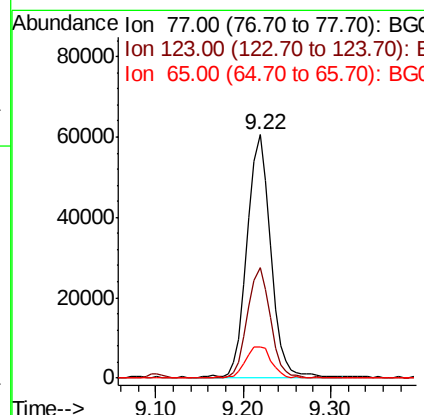
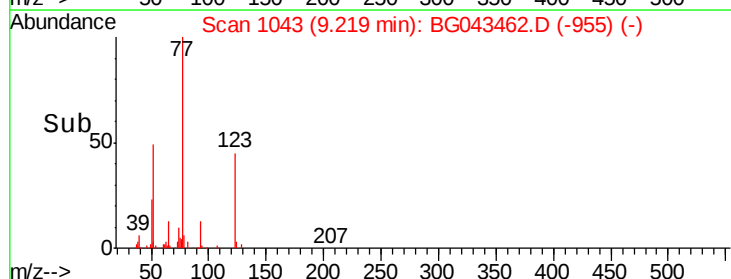
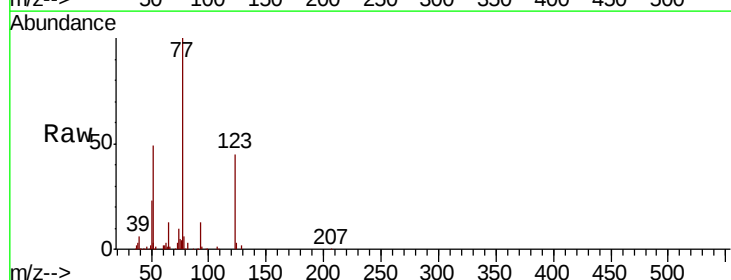
Manual Integrations
 APPROVED

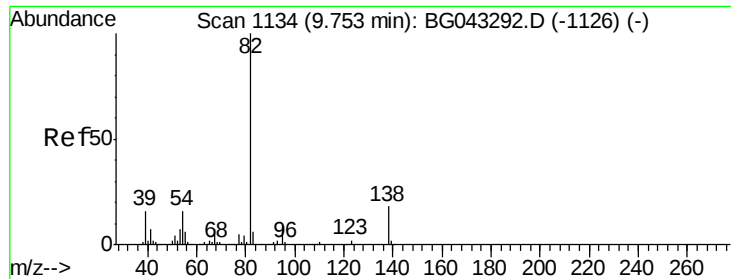
mohammad
 11/4/2019 11:49:50 AM



#24
 Nitrobenzene
 Concen: 41.163 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.8	50.8
65	12.7	13.0	19.4#





#25

Isophorone

Concen: 39.297 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

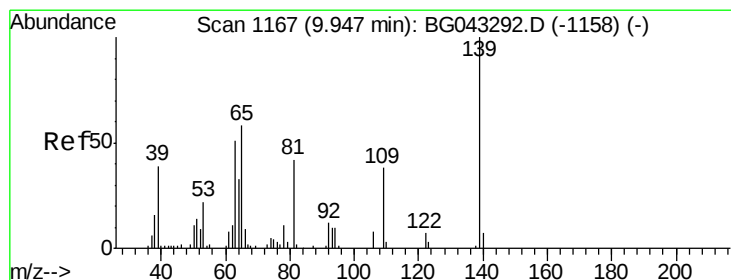
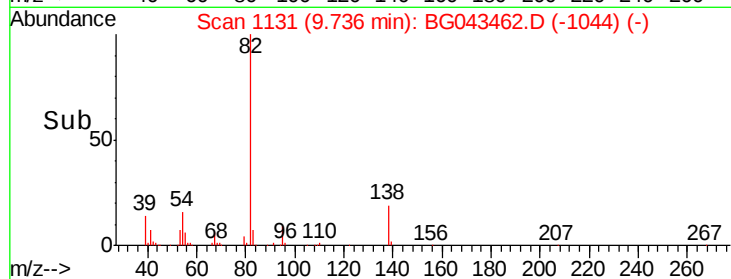
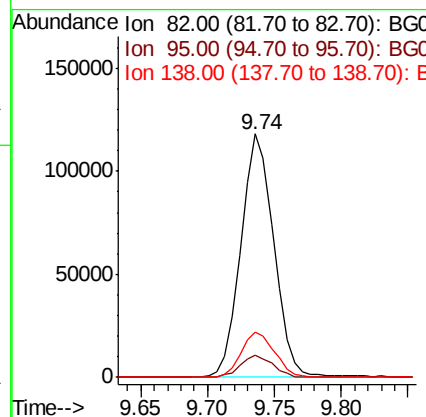
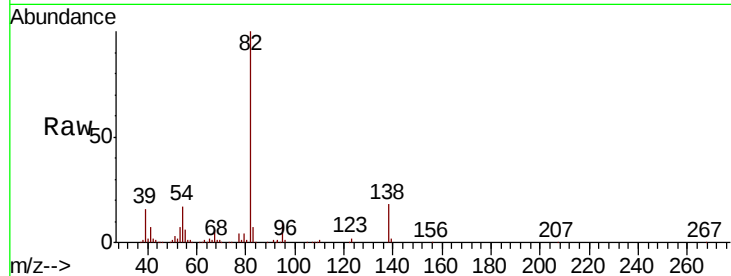
ClientSampleId :

PB124454BS

Tot Ion:	82	Resp:	201152
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.9	10.3
138	18.4	14.2	21.2

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#26

2-Nitrophenol

Concen: 45.122 ng

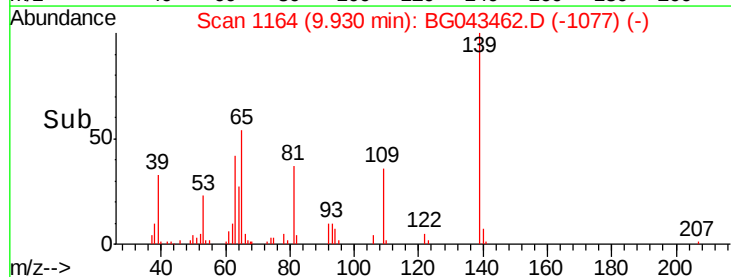
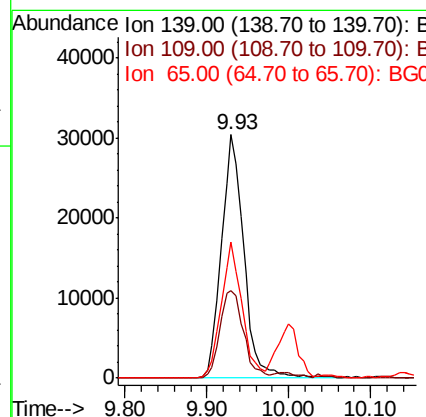
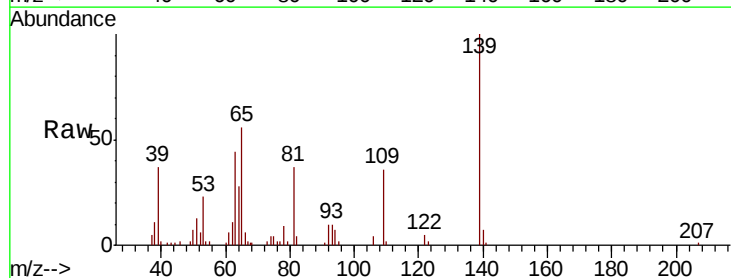
RT: 9.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	139	Resp:	58101
Ion Ratio	Lower	Upper	
139	100		
109	36.1	30.1	45.1
65	56.0	46.1	69.1





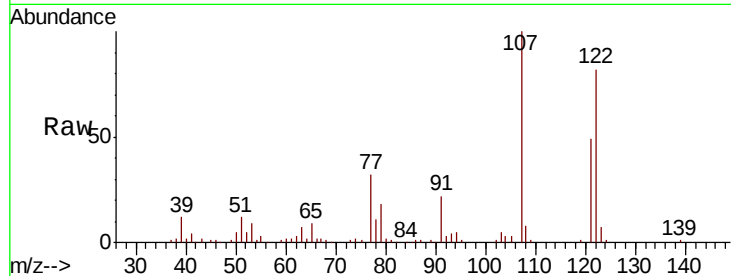
#27
 2,4-Dimethylphenol
 Concen: 52.116 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	98.6	147.8
121	60.0	50.1	75.1

Manual Integrations
 APPROVED

mohammad
 11/4/2019 11:49:50 AM

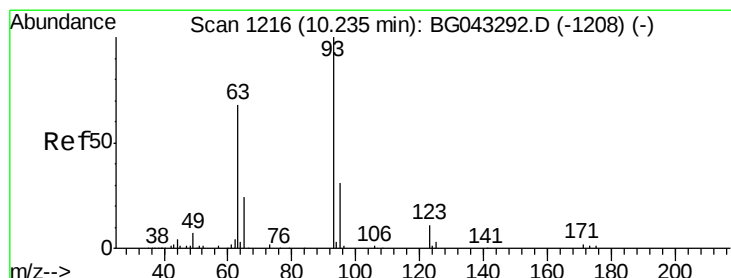
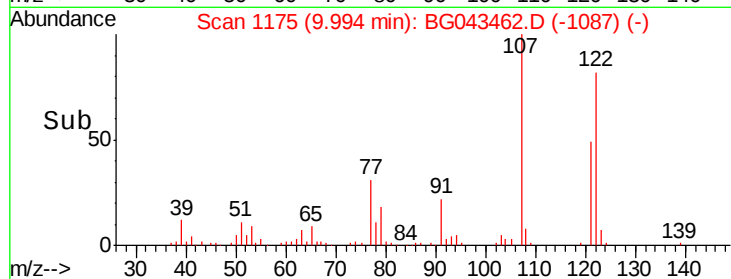
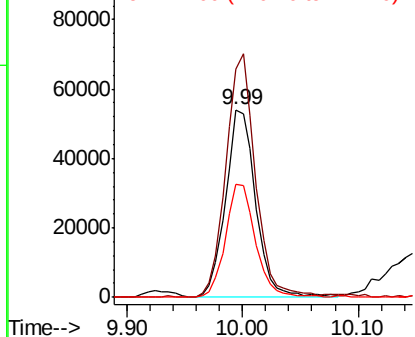


Abundance

Ion 122.00 (121.70 to 122.70): E

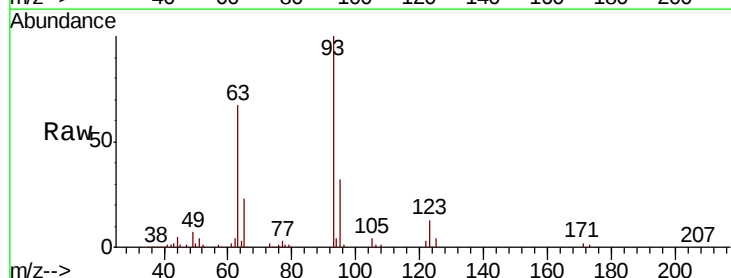
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.723 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.9	37.3
123	12.6	8.9	13.3

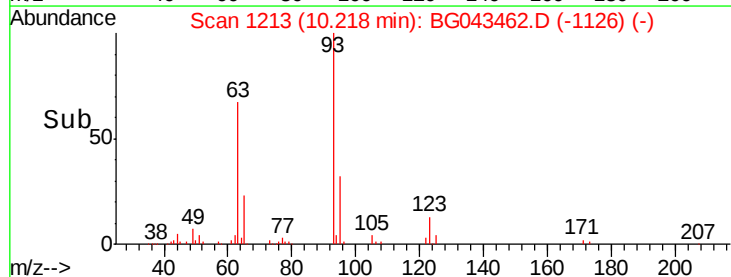
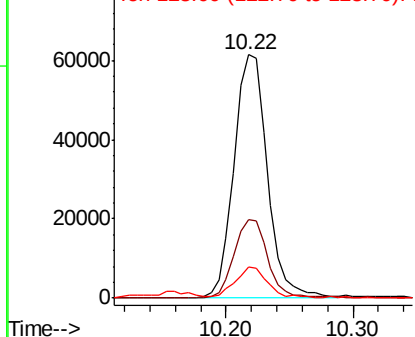


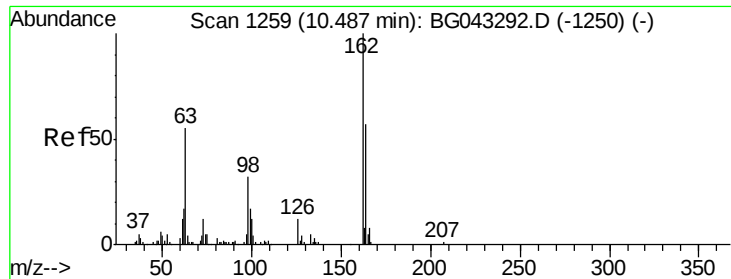
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





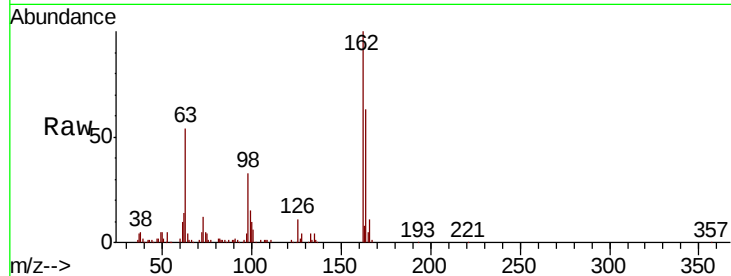
#29
2,4-Dichlorophenol
Concen: 45.966 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	37.3	77.3	
98	33.4	11.8	51.8	

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

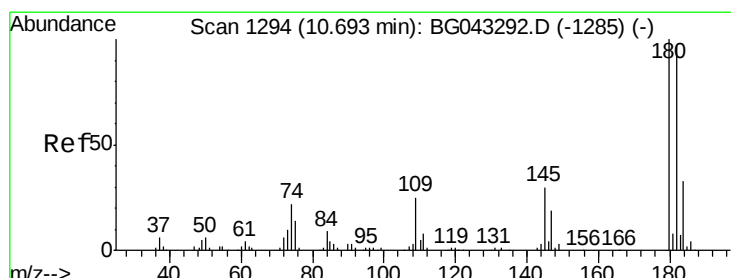
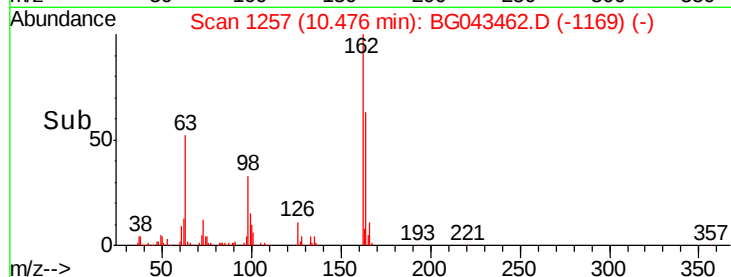
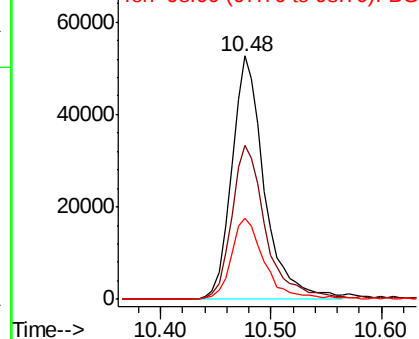


Abundance

Ion 162.00 (161.70 to 162.70): E

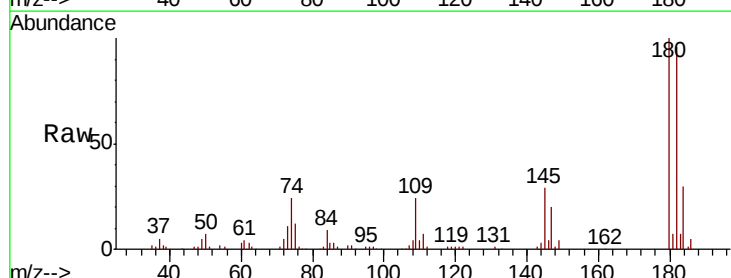
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.260 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	77.8	116.8	
145	29.2	23.6	35.4	

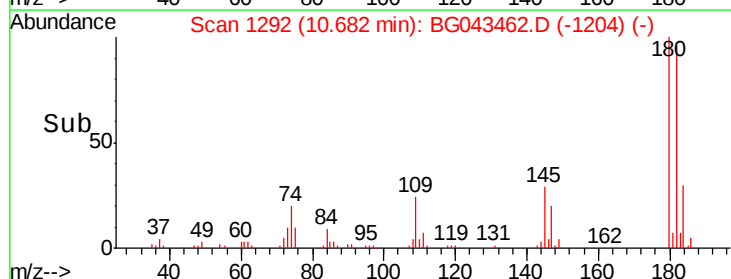
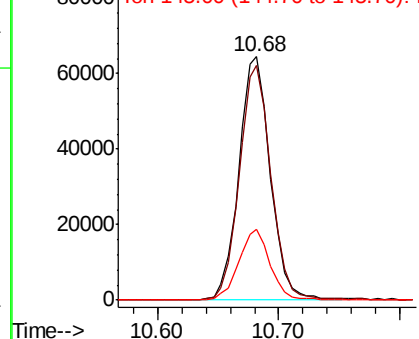


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





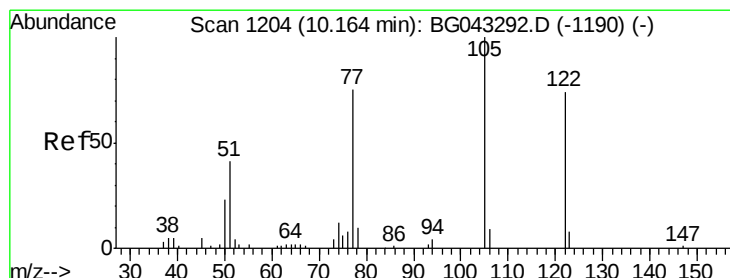
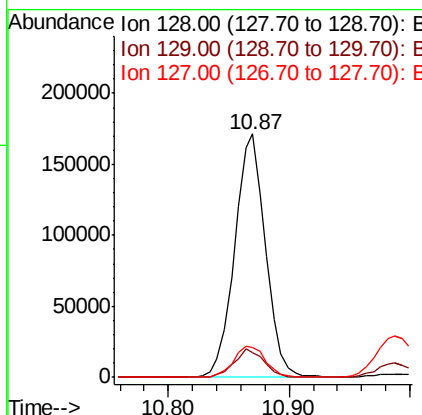
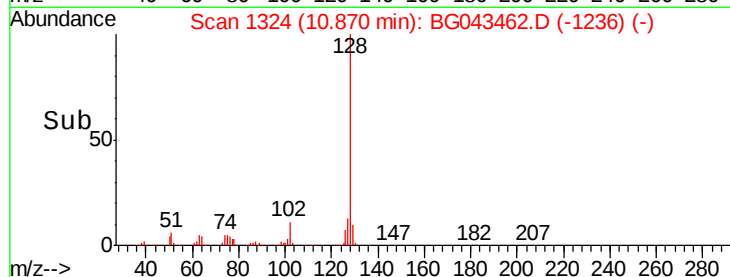
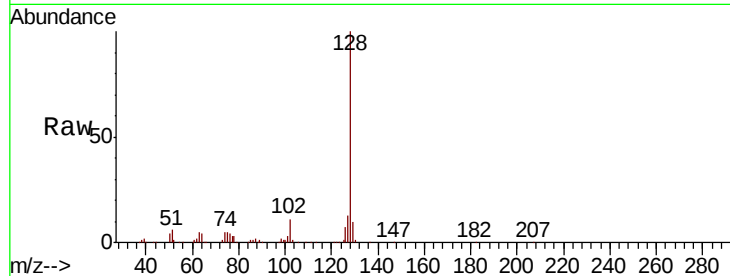
#31
Naphthalene
Concen: 41.490 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion:	128	Resp:	303983
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	12.8
127	12.5	11.5	17.3

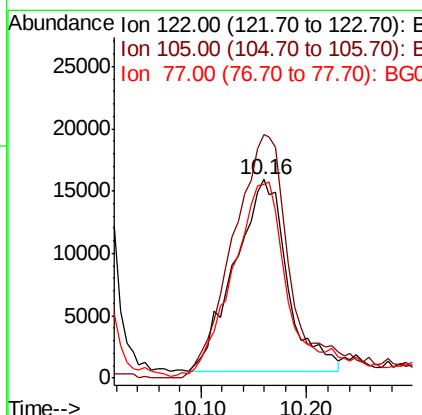
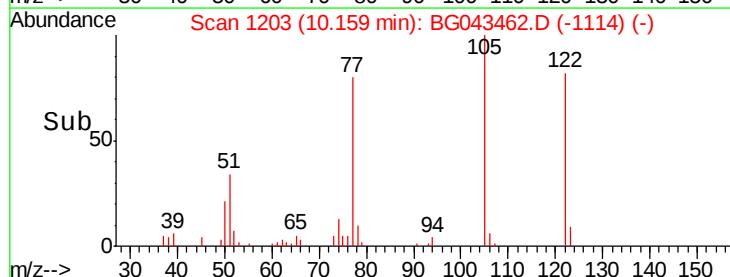
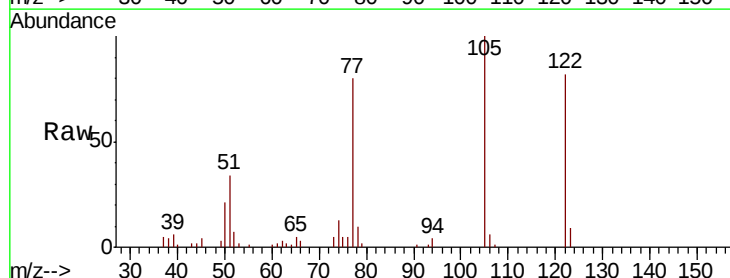
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#32
Benzoic acid
Concen: 39.959 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion:	122	Resp:	53677
Ion Ratio	Lower	Upper	
122	100		
105	122.7	112.4	152.4
77	97.9	82.7	122.7





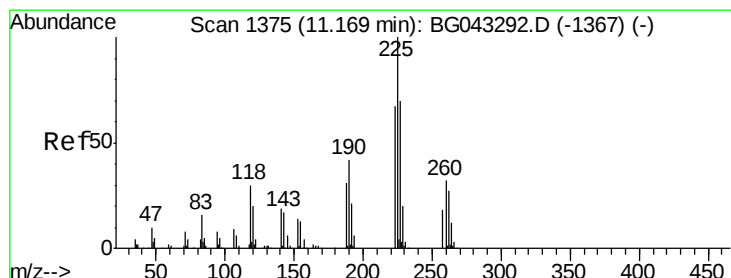
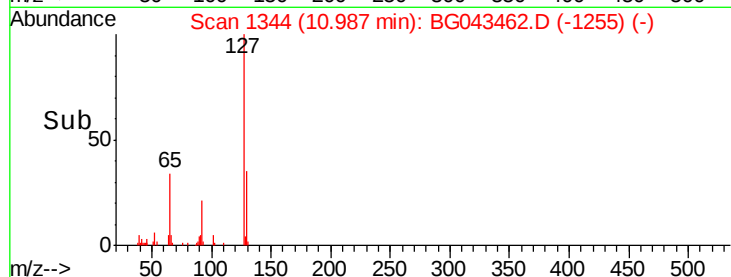
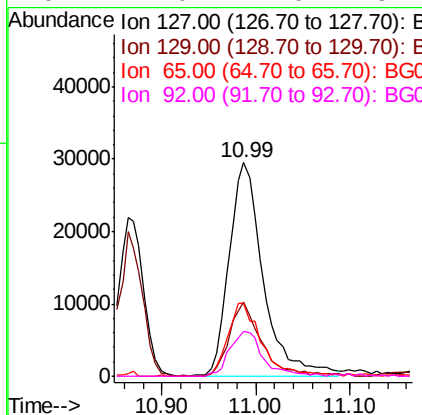
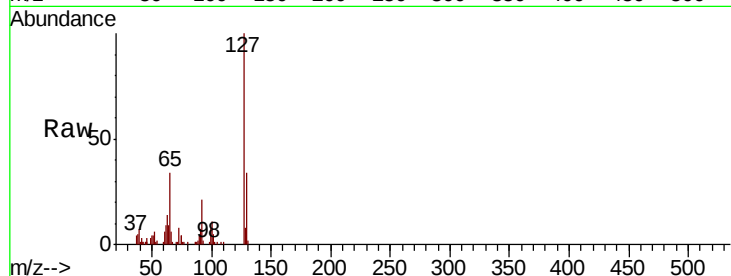
#33
4-Chloroaniline
Concen: 24.802 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.8	38.8
65	34.1	26.2	39.2
92	21.0	17.0	25.4

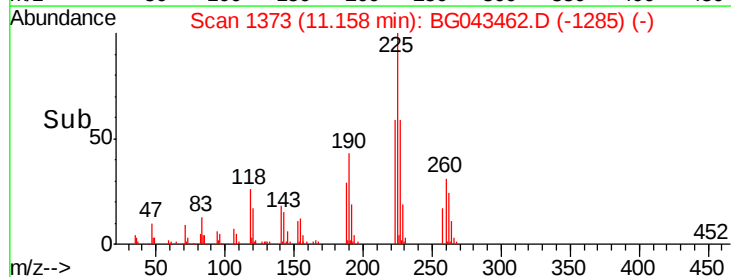
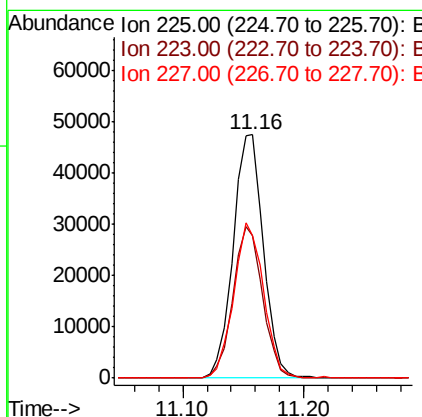
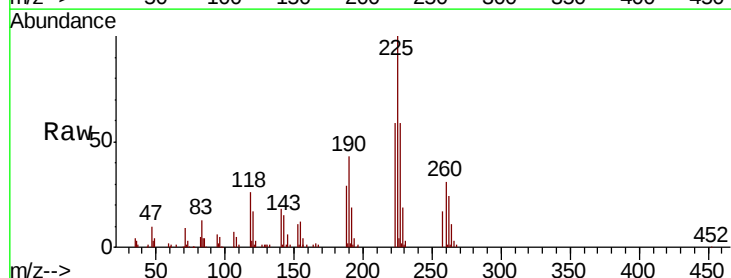
Manual Integrations
APPROVED

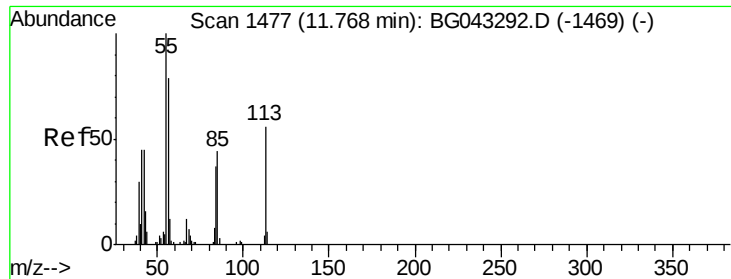
mohammad
11/4/2019 11:49:50 AM



#34
Hexachlorobutadiene
Concen: 37.528 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	53.2	79.8
227	58.8	56.2	84.2





#35

Caprolactam

Concen: 43.758 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

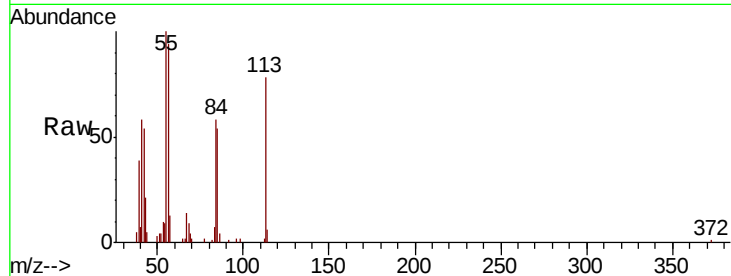
ClientSampleId :

PB124454BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.8	158.9	198.9#
56	120.7	121.4	161.4#

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

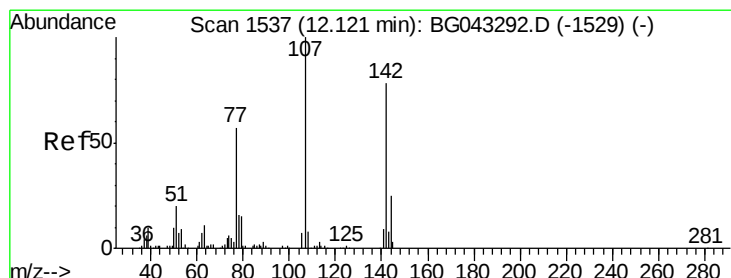
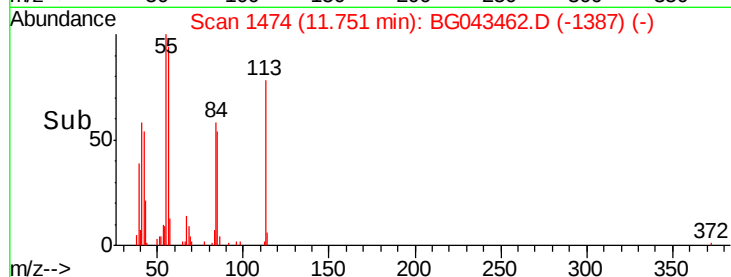
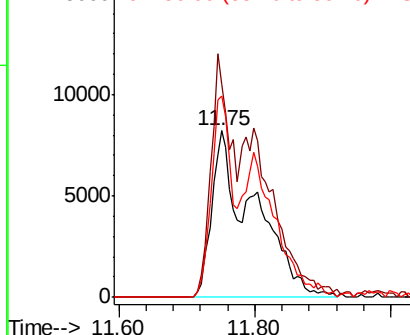


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.021 ng/ml

RT: 12.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

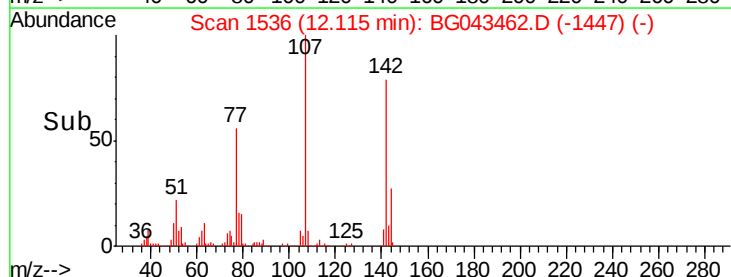
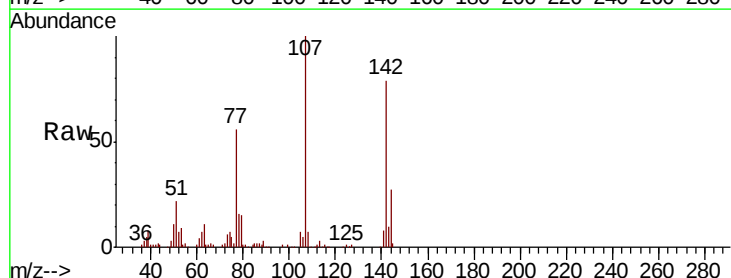
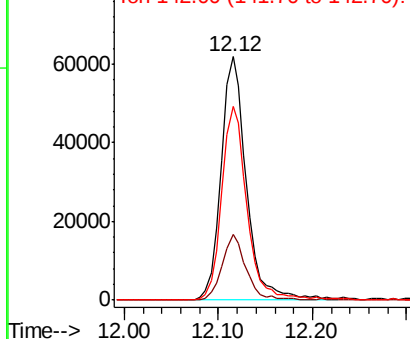
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	19.9	29.9
142	79.4	62.1	93.1

Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





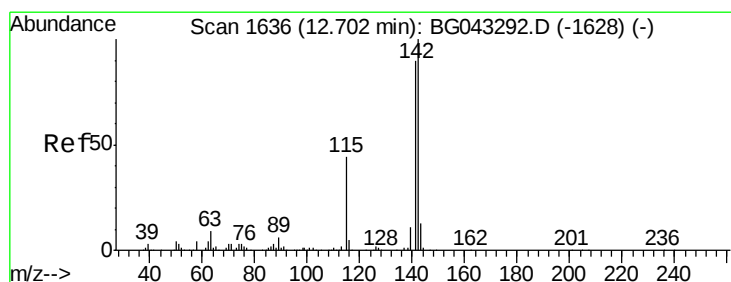
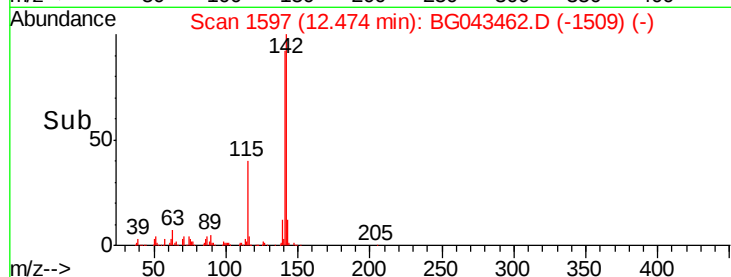
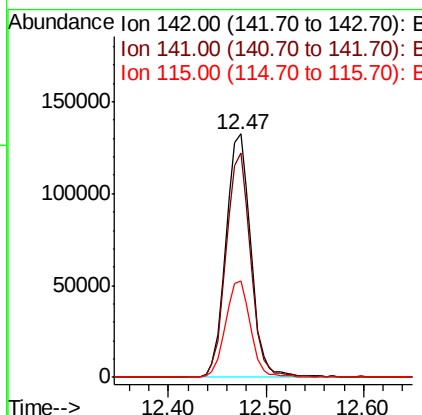
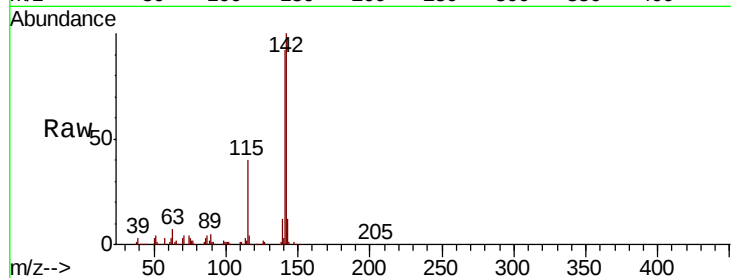
#37
2-Methylnaphthalene
Concen: 41.918 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.4	69.7	104.5	
115	39.7	30.6	46.0	

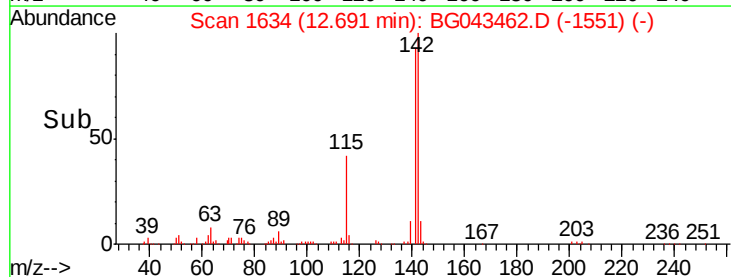
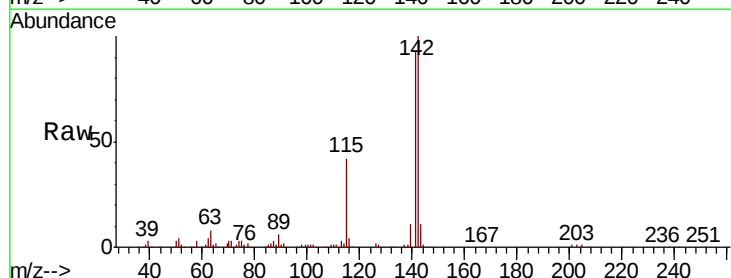
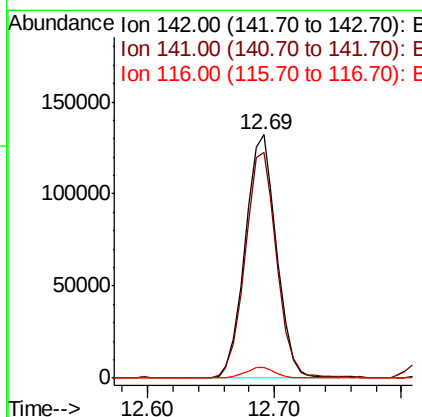
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#38
1-Methylnaphthalene
Concen: 42.138 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.6	72.3	108.5	
116	4.4	3.8	5.6	





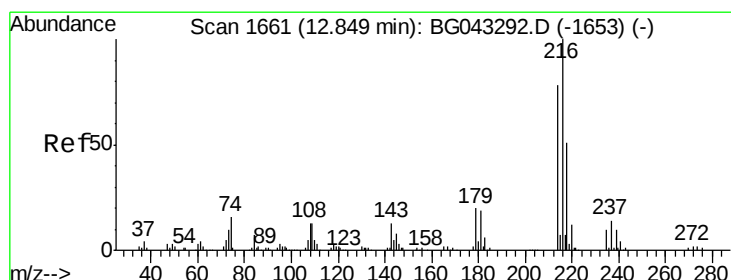
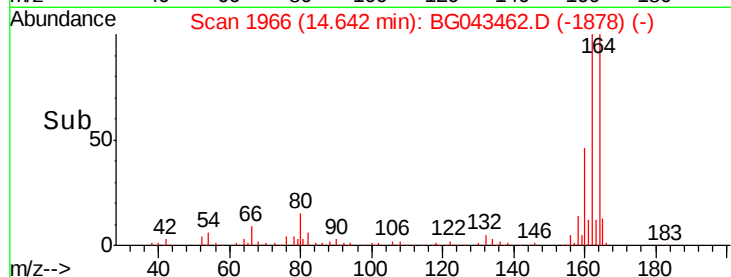
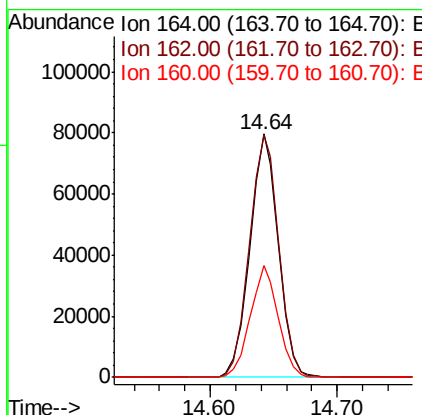
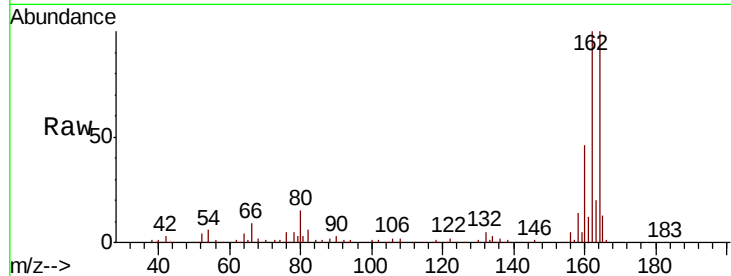
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampled :
PB124454BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.0	130.4
160	45.7	35.5	53.3

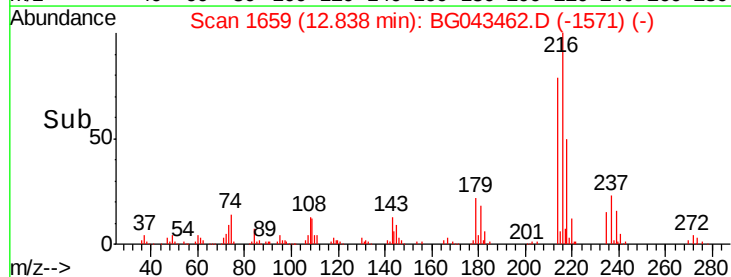
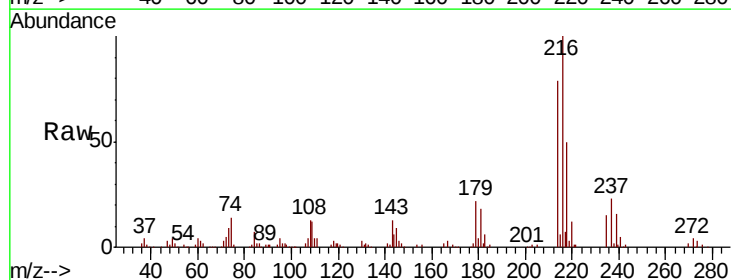
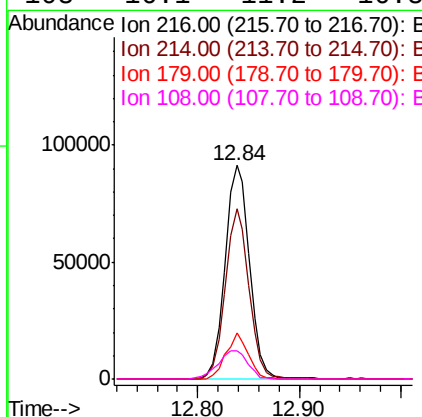
Manual Integrations
APPROVED

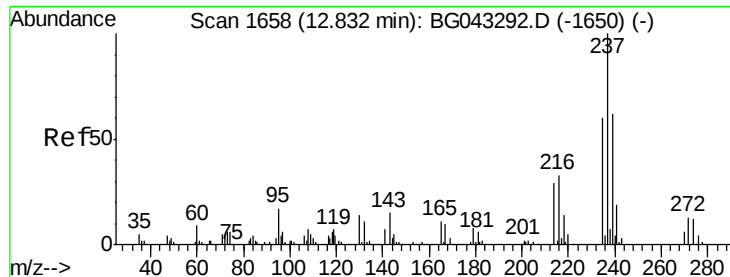
mohammad
11/4/2019 11:49:50 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.150 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	19.4	16.2	24.2
108	16.1	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 74.620 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

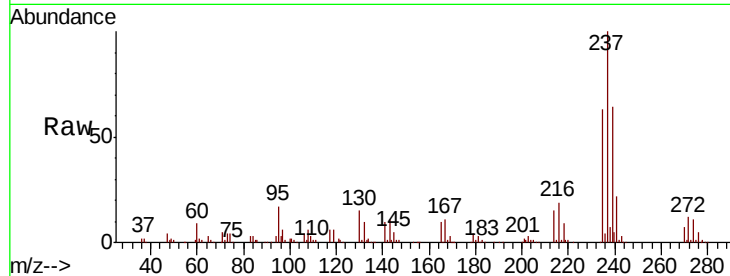
ClientSampleId :

PB124454BS

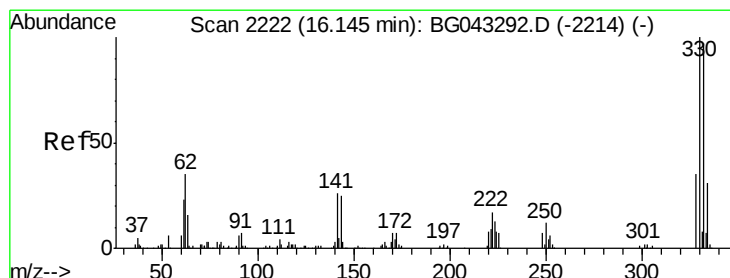
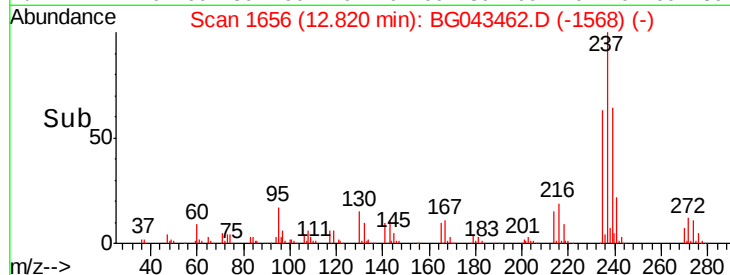
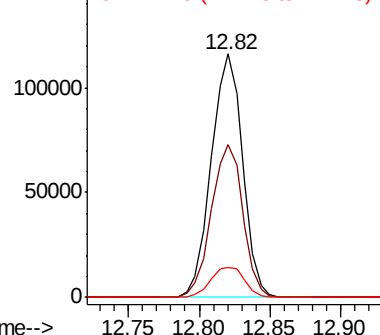
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.8		40.3	80.3	
272	12.2		0.0	32.9	

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



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



#42

2,4,6-Tribromophenol

Concen: 96.947 ng

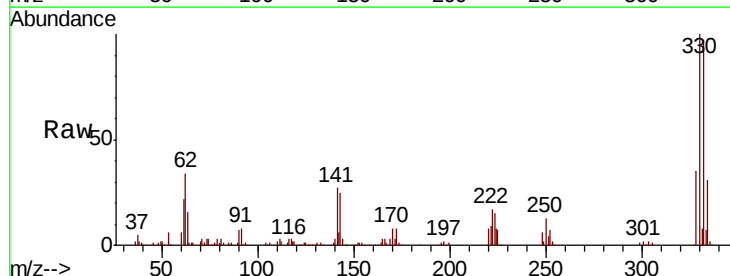
RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

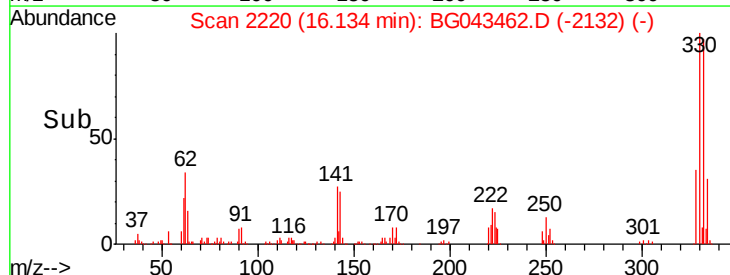
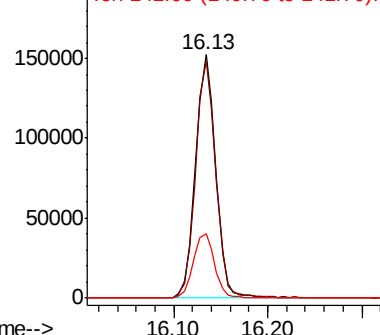
Lab File: BG043462.D

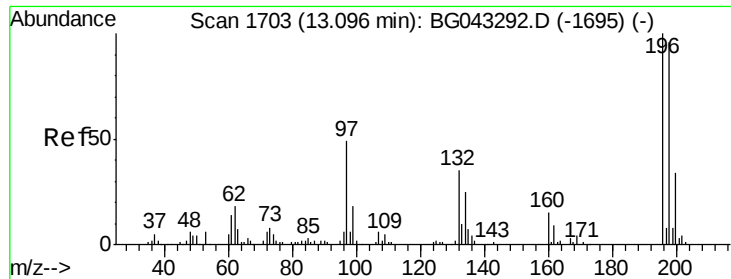
Acq: 1 Nov 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	97.3		76.4	114.6	
141	27.9		21.4	32.0	



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





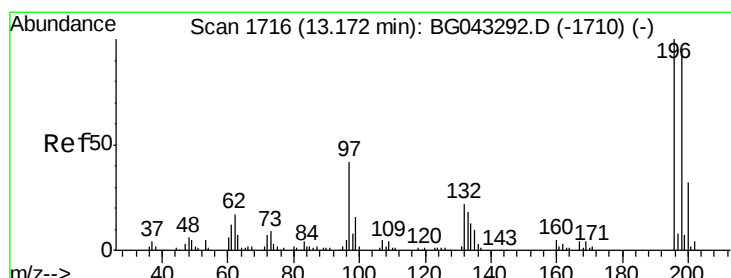
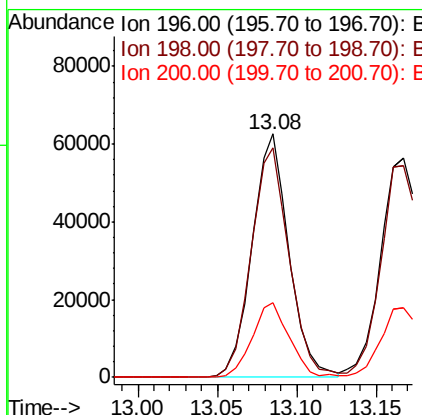
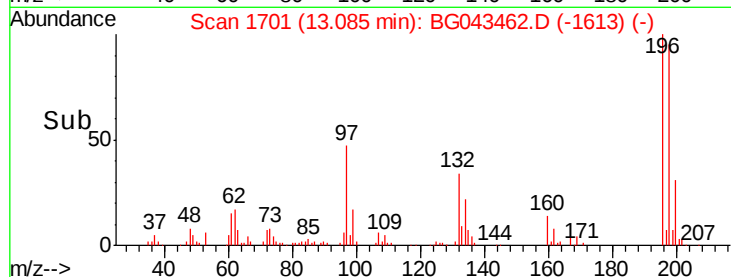
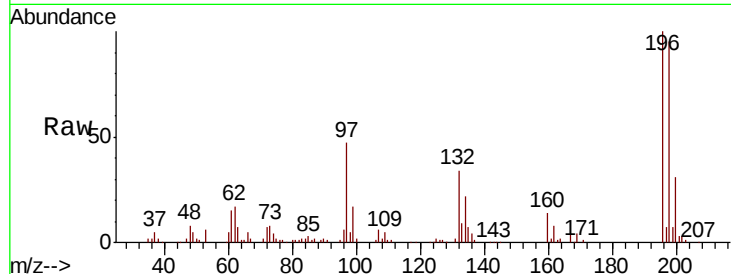
#43
 2,4,6-Trichlorophenol
 Concen: 37.363 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100999		
198	94.5	77.0	115.4	
200	30.7	27.4	41.2	

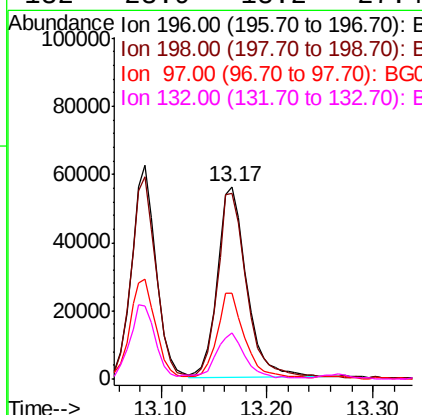
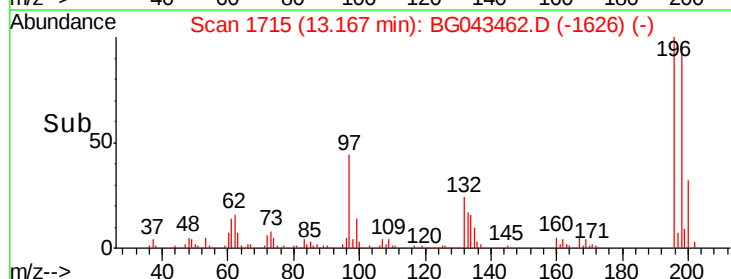
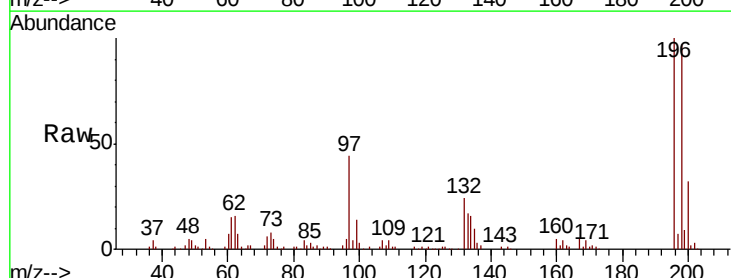
Manual Integrations
 APPROVED

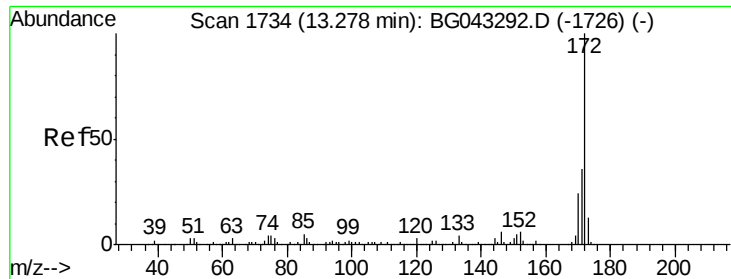
mohammad
 11/4/2019 11:49:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.600 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108221		
198	96.6	76.6	114.8	
97	44.3	34.1	51.1	
132	23.9	18.2	27.4	





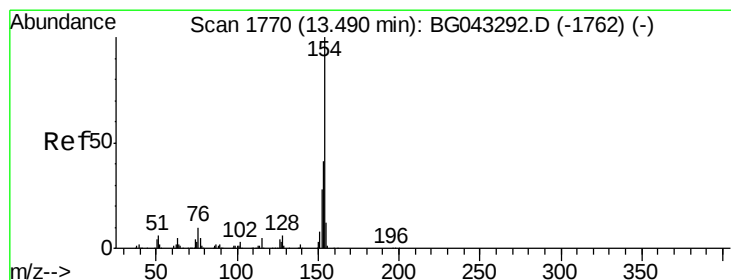
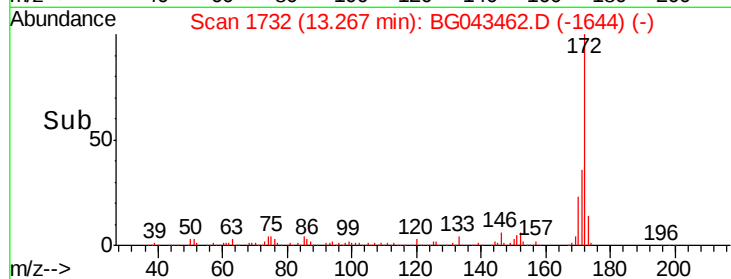
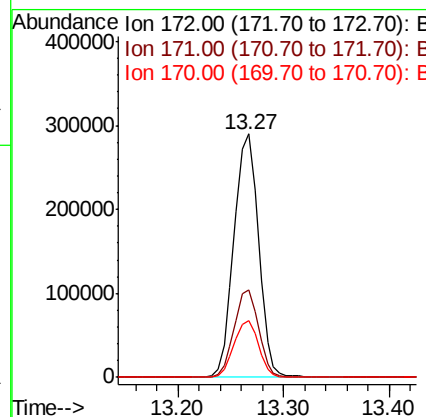
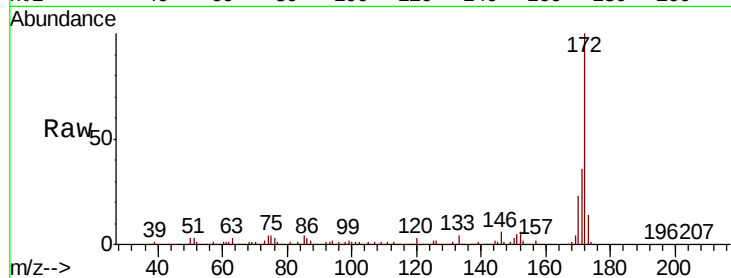
#45
 2-Fluorobiphenyl
 Concen: 52.033 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.5	18.8	28.2

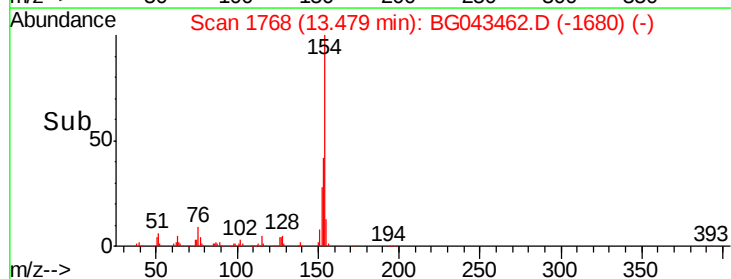
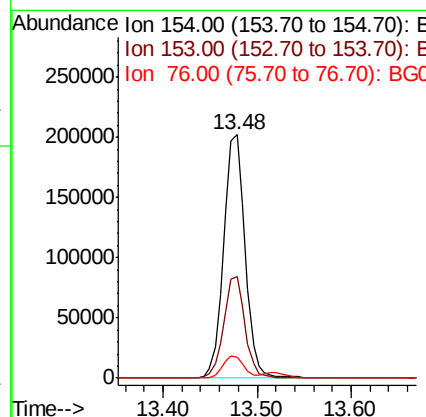
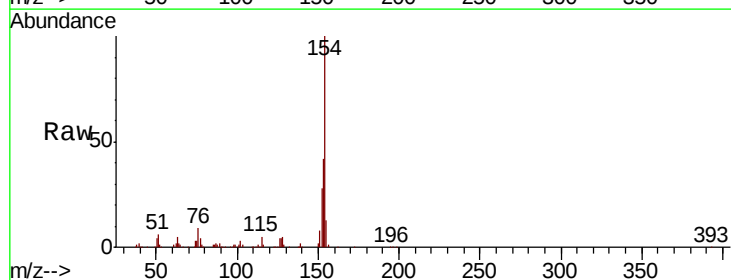
Manual Integrations
 APPROVED

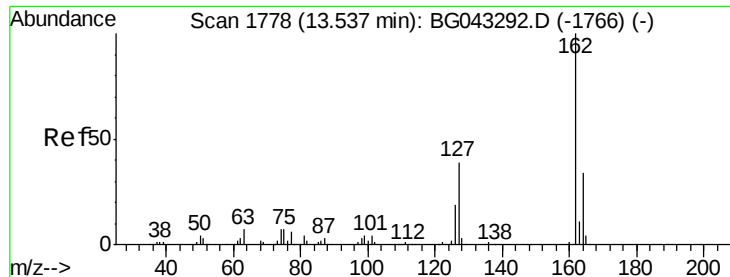
mohammad
 11/4/2019 11:49:50 AM



#46
 1,1'-Biphenyl
 Concen: 34.190 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.0	61.0
76	8.7	0.0	29.8





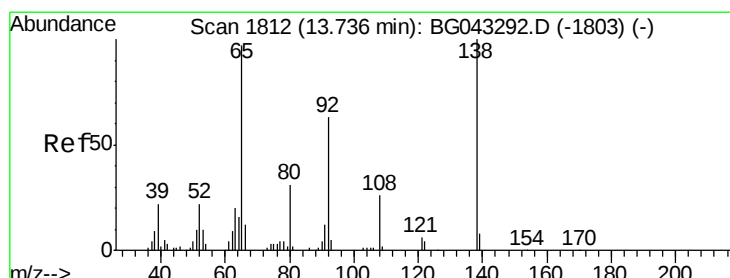
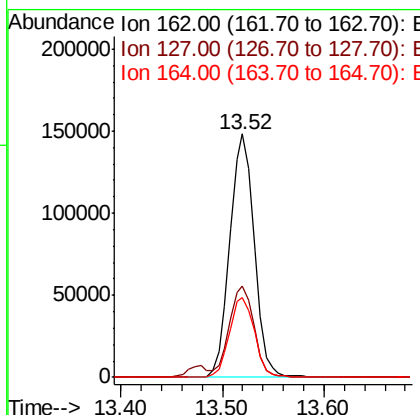
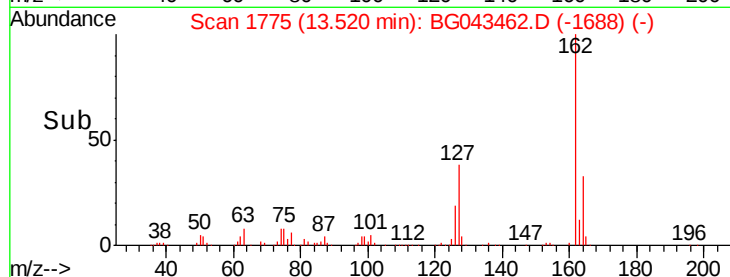
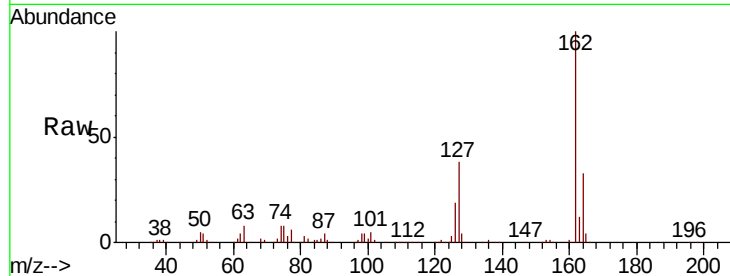
#47
2-Chloronaphthalene
Concen: 34.632 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	31.3	46.9	
164	32.7	26.8	40.2	

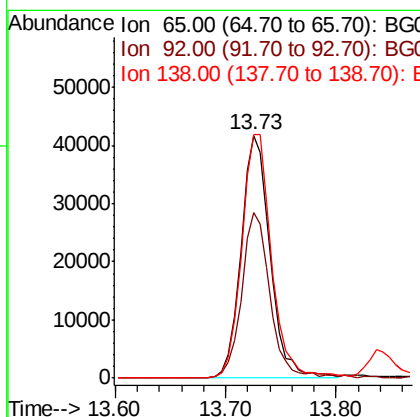
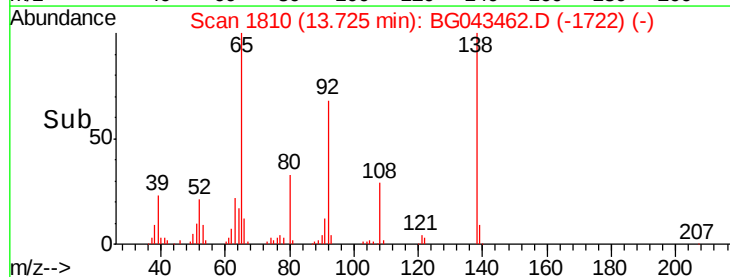
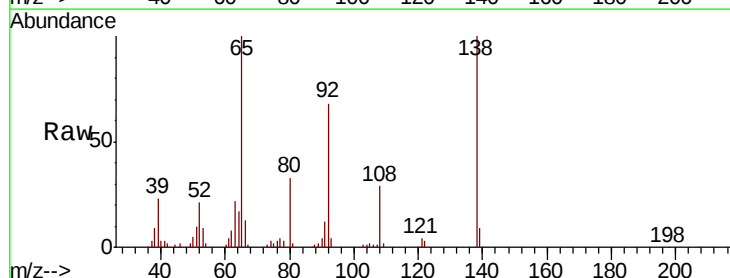
Manual Integrations
APPROVED

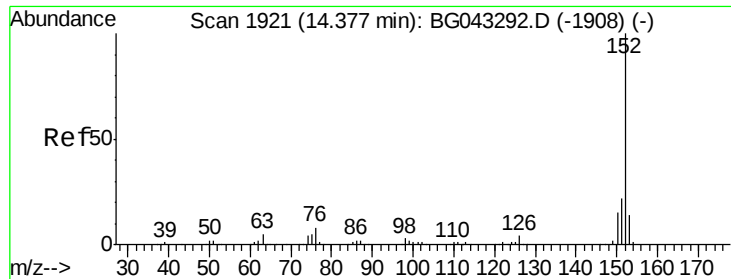
mohammad
11/4/2019 11:49:50 AM



#48
2-Nitroaniline
Concen: 35.878 ng
RT: 13.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.0	52.6	79.0	
138	100.2	82.9	124.3	





#49

Acenaphthylene

Concen: 36.252 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

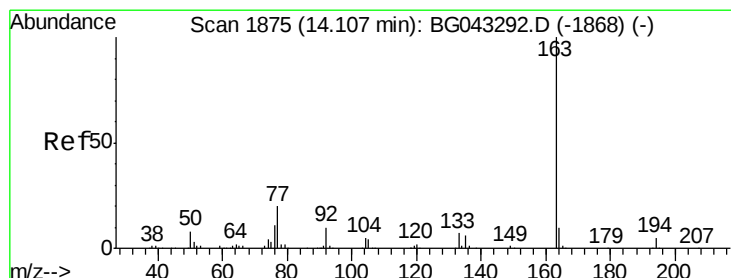
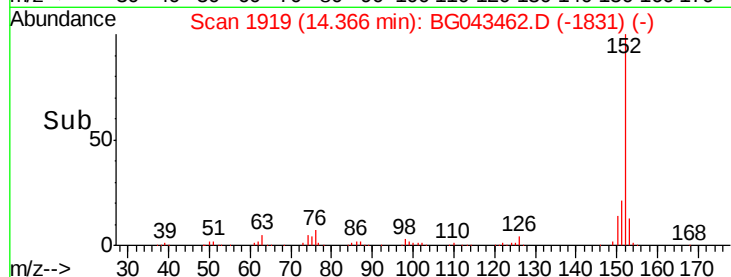
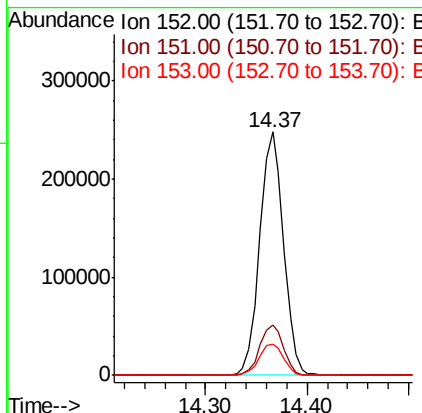
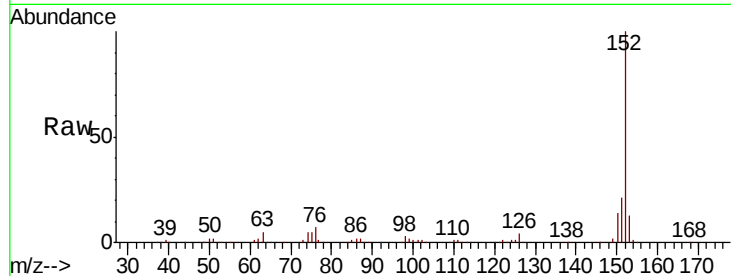
ClientSampleId :

PB124454BS

Tot Ion	152	Resp	405053
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	12.8	11.0	16.6

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#50

Dimethylphthalate

Concen: 34.945 ng

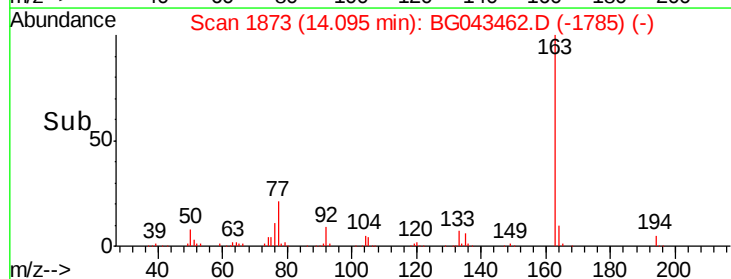
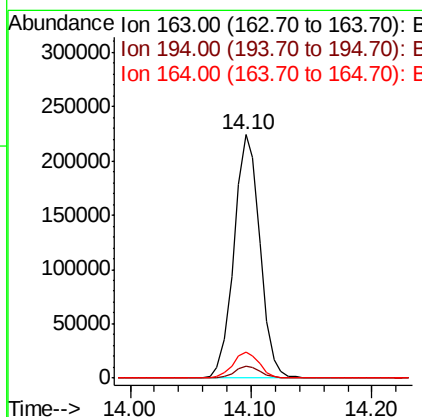
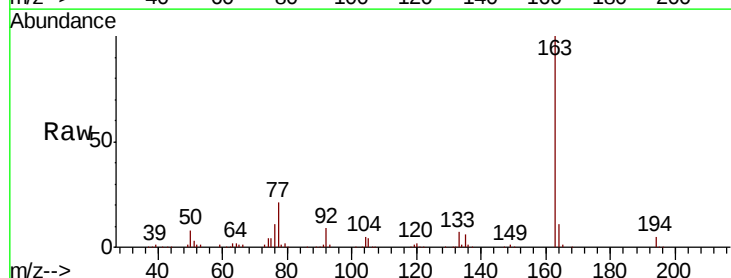
RT: 14.10 min Scan# 1873

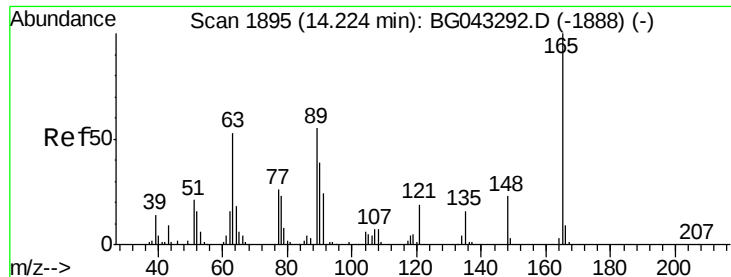
Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion	163	Resp	335712
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.7	5.5
164	10.6	8.1	12.1





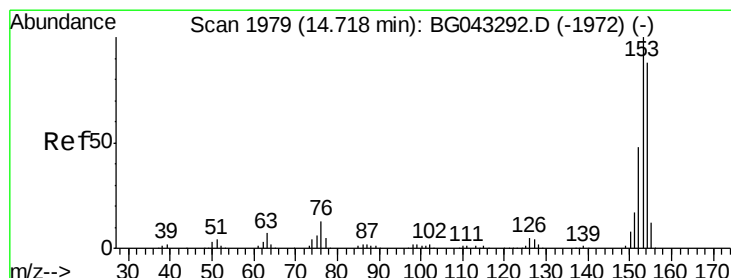
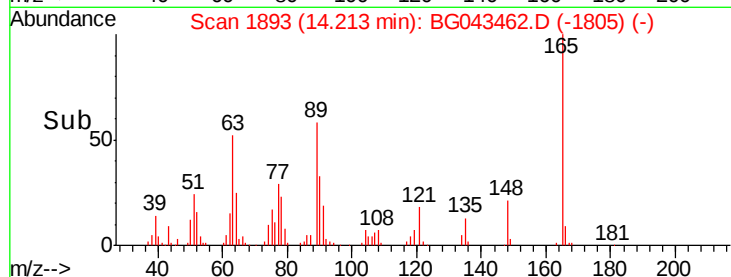
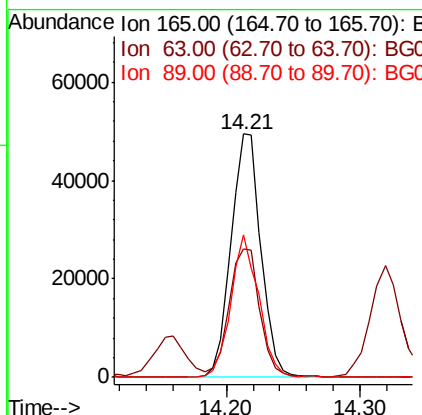
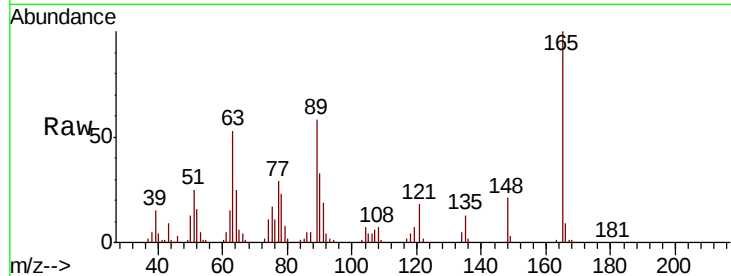
#51
2,6-Dinitrotoluene
Concen: 37.028 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	47.1	70.7
89	58.3	43.7	65.5

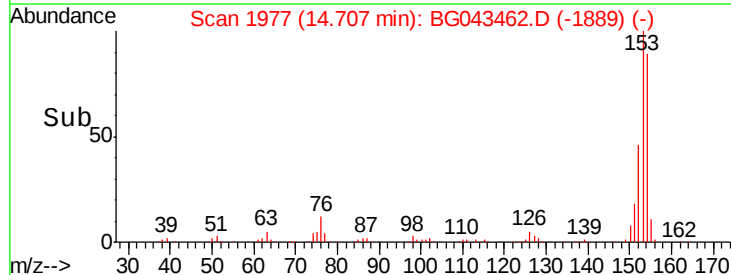
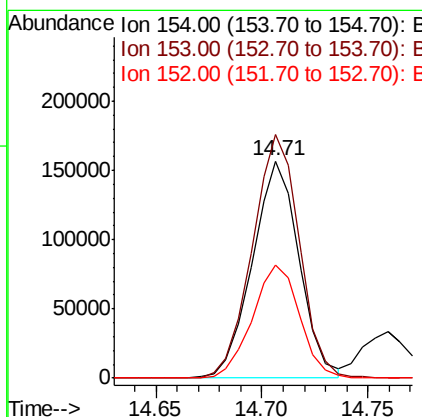
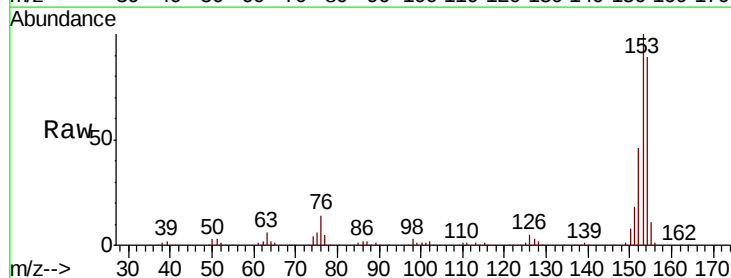
Manual Integrations
APPROVED

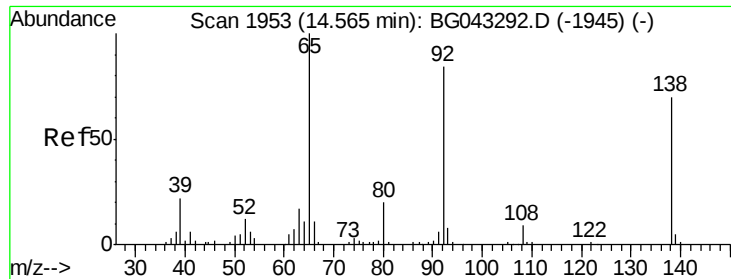
mohammad
11/4/2019 11:49:50 AM



#52
Acenaphthene
Concen: 35.396 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.9	136.3
152	51.8	43.9	65.9





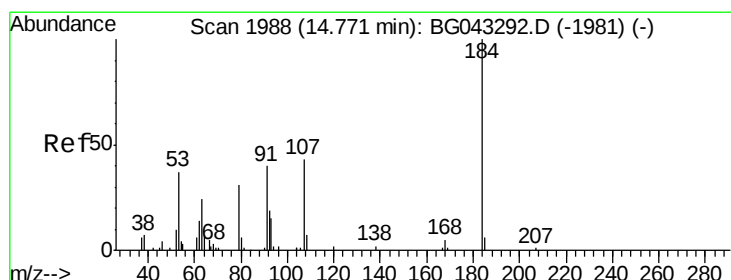
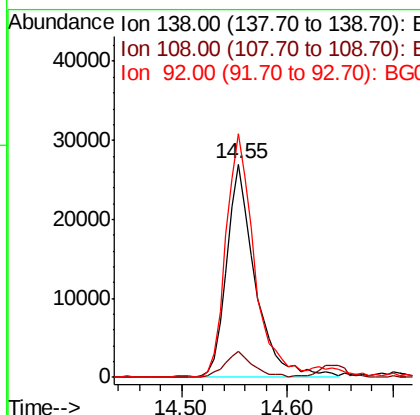
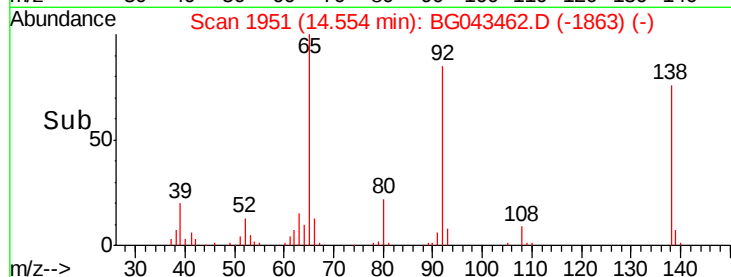
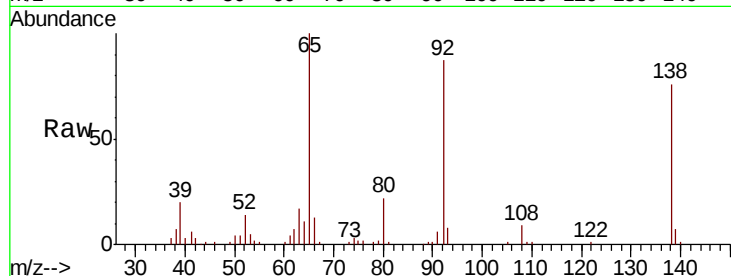
#53
3-Nitroaniline
Concen: 25.018 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.8	14.6
92	114.3	95.8	143.6

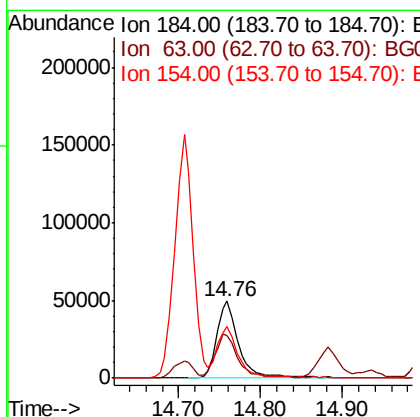
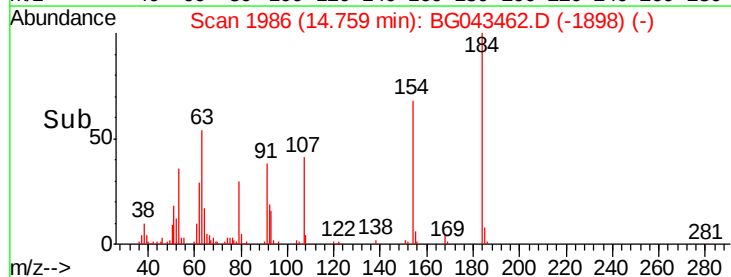
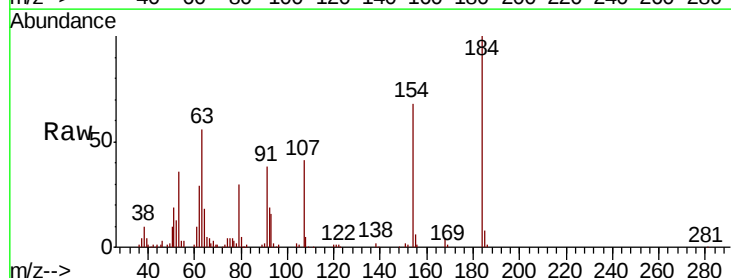
Manual Integrations
APPROVED

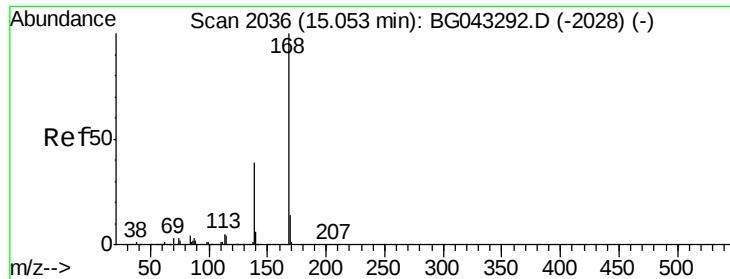
mohammad
11/4/2019 11:49:50 AM



#54
2,4-Dinitrophenol
Concen: 71.840 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	48.8	73.2
154	67.7	49.4	74.0





#55

Dibenzofuran

Concen: 35.973 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

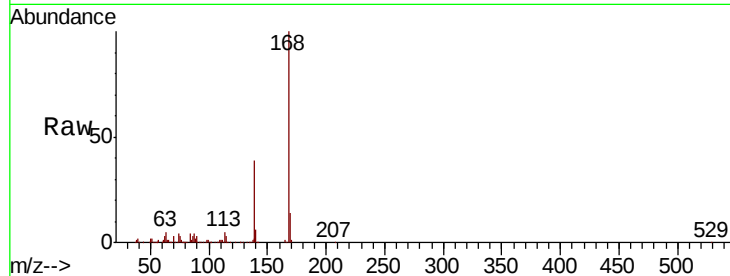
ClientSampleId :

PB124454BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.7	47.5
169	13.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

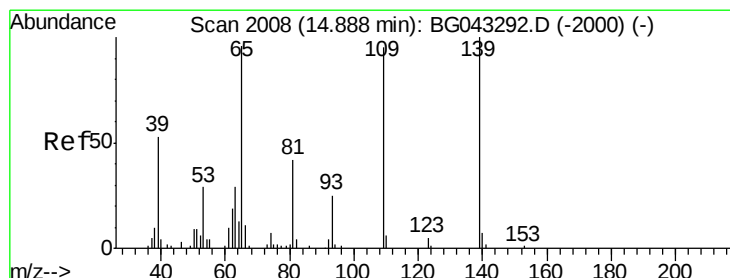
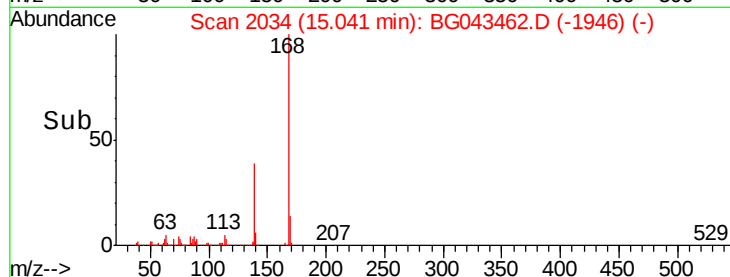
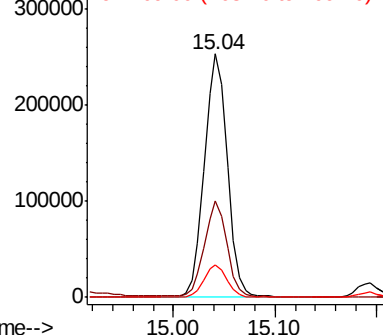


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.873 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

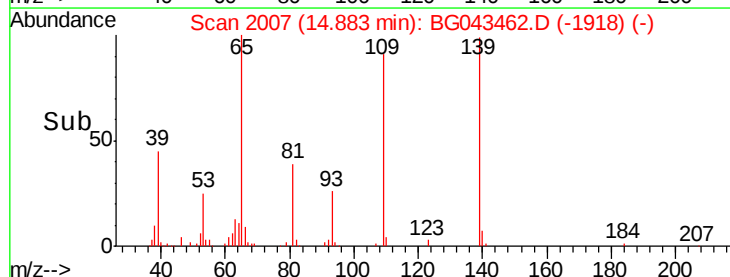
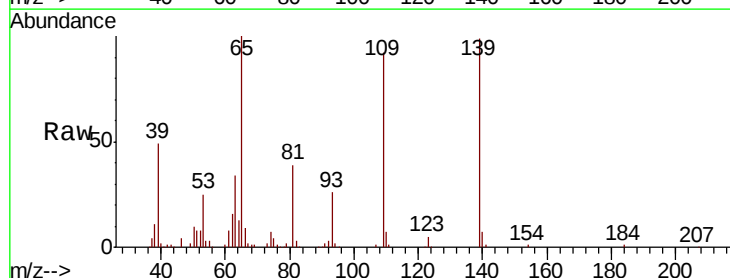
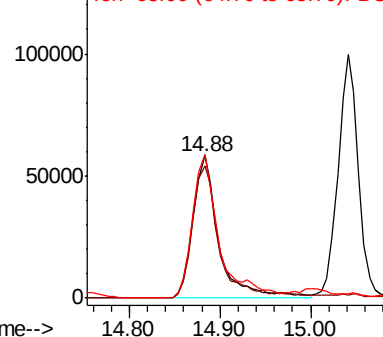
Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.4	75.4	115.4
65	101.0	76.6	116.6

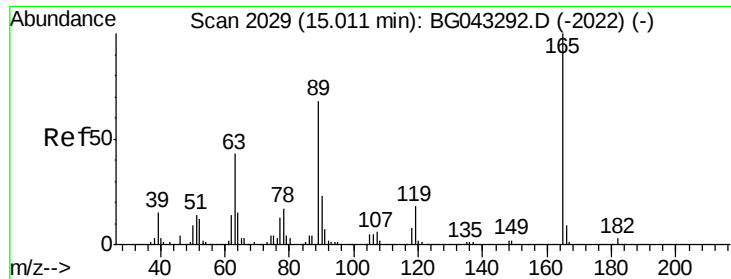
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





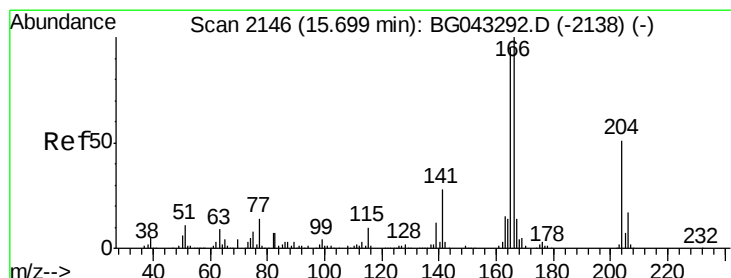
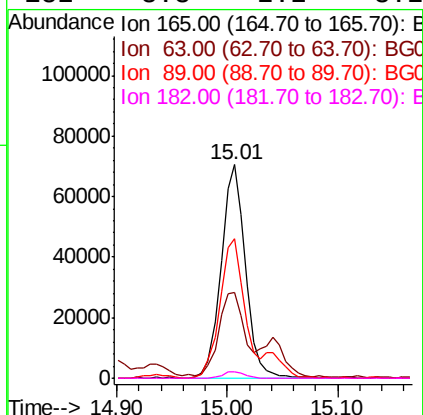
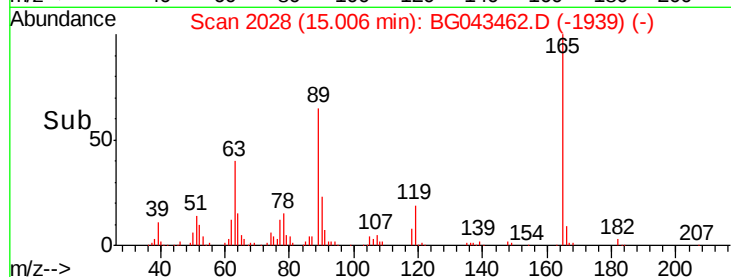
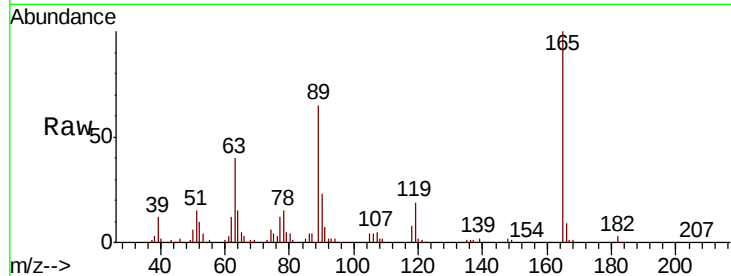
#57
2,4-Dinitrotoluene
Concen: 36.411 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.1	35.0	52.6	
89	65.2	54.1	81.1	
182	3.3	2.2	3.2	

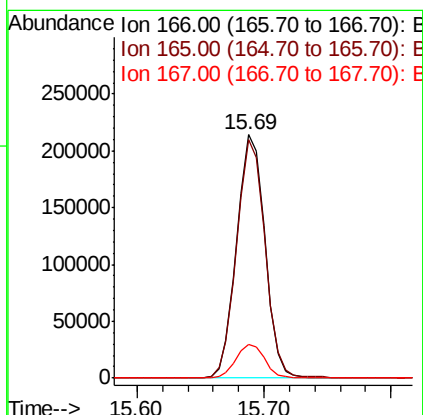
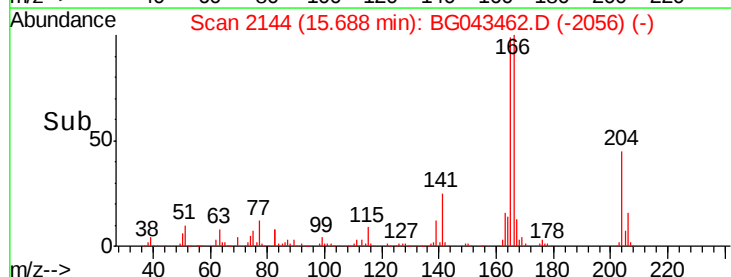
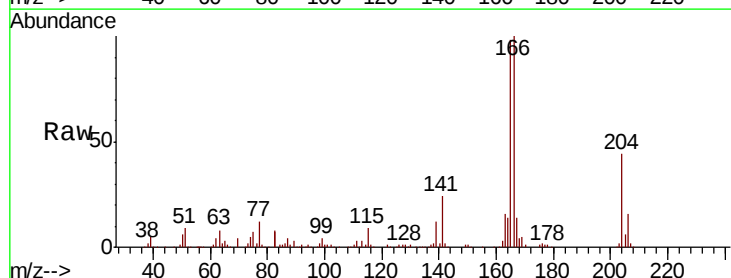
Manual Integrations
APPROVED

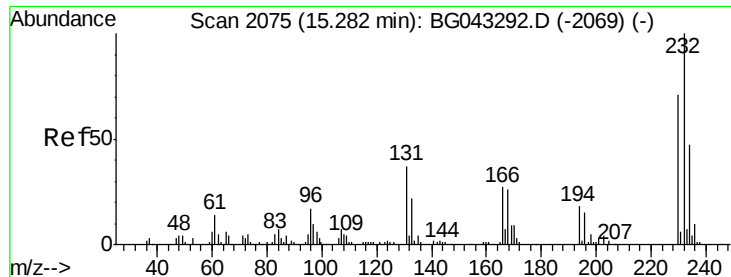
mohammad
11/4/2019 11:49:50 AM



#58
Fluorene
Concen: 35.744 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	76.4	114.6	
167	13.7	11.1	16.7	





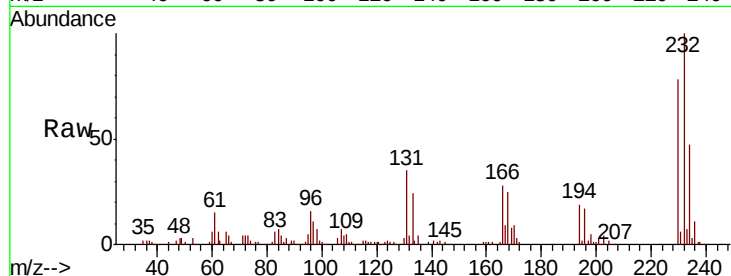
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.857 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	34.9	28.7	43.1
130	2.1	0.6	0.8
166	26.6	21.1	31.7

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



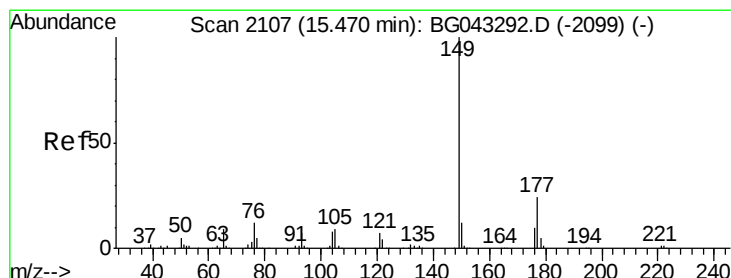
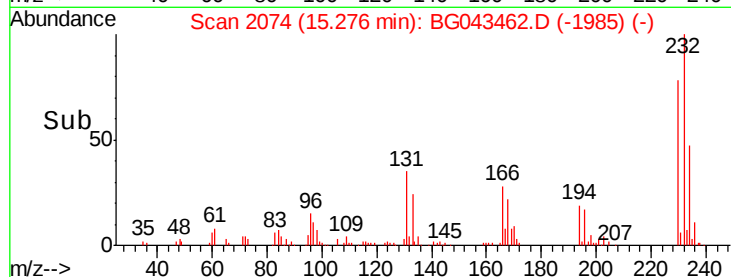
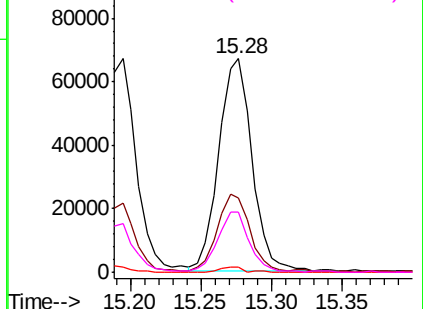
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

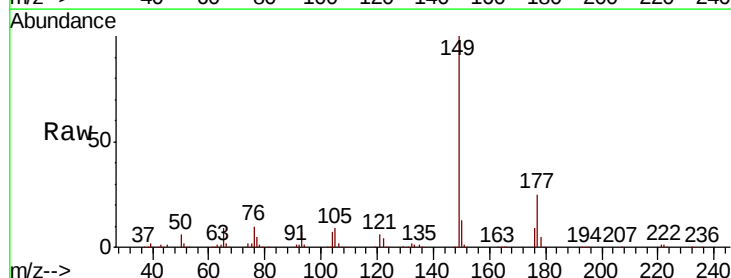
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 34.934 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.5	19.0	28.4
150	12.8	9.4	14.0

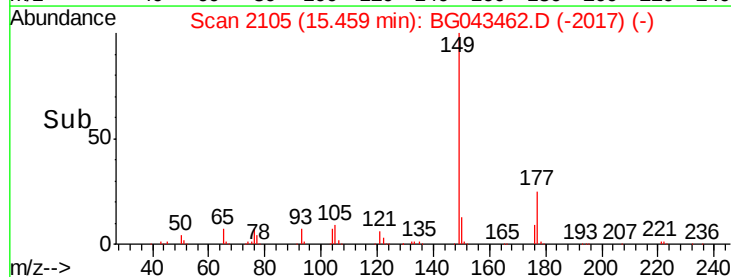
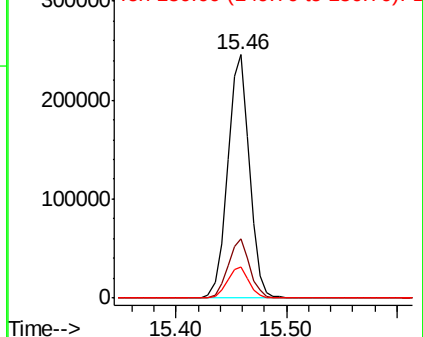


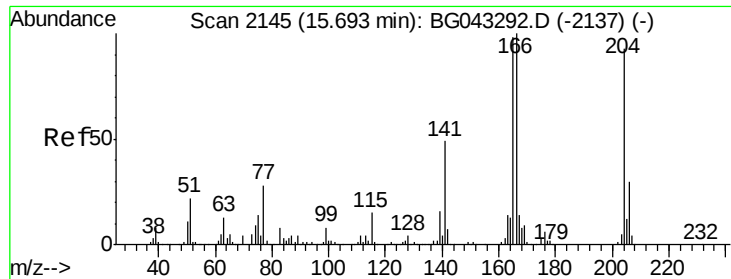
Abundance

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





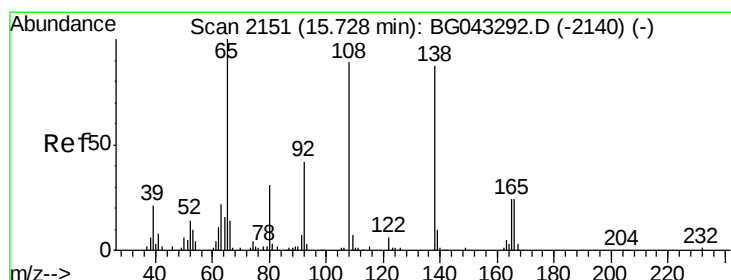
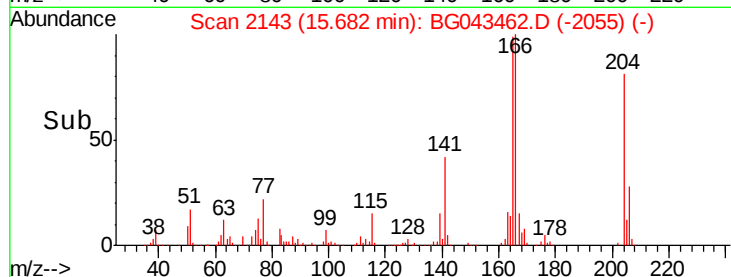
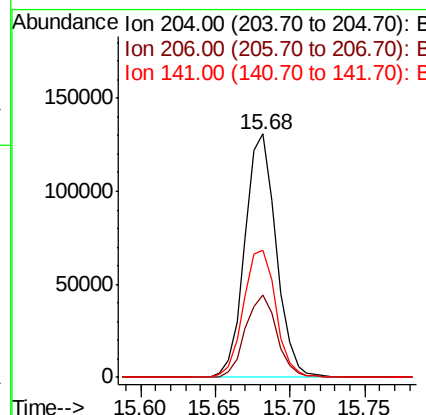
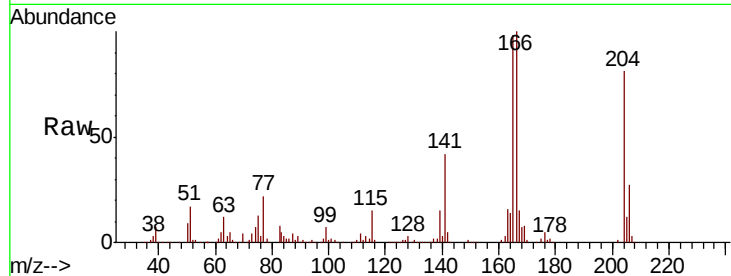
#61
4-Chlorophenyl-phenylether
Concen: 35.120 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.7	38.5
141	52.3	42.3	63.5

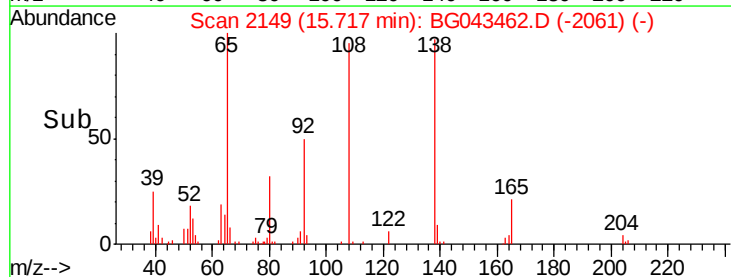
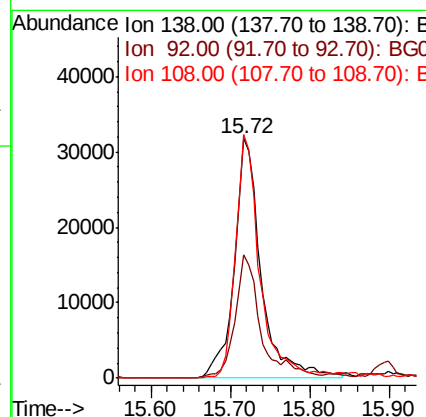
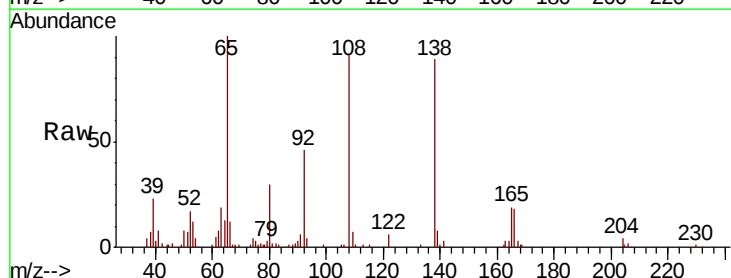
Manual Integrations
APPROVED

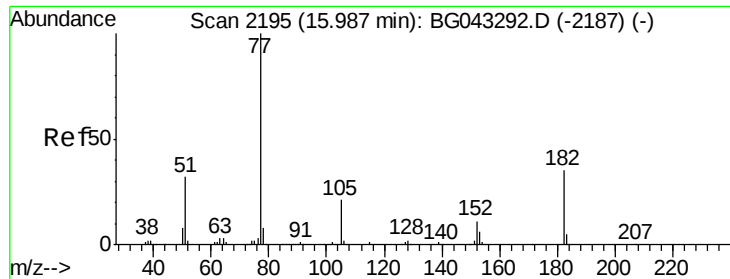
mohammad
11/4/2019 11:49:50 AM



#62
4-Nitroaniline
Concen: 35.888 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	28.8	68.8
108	101.8	82.7	122.7





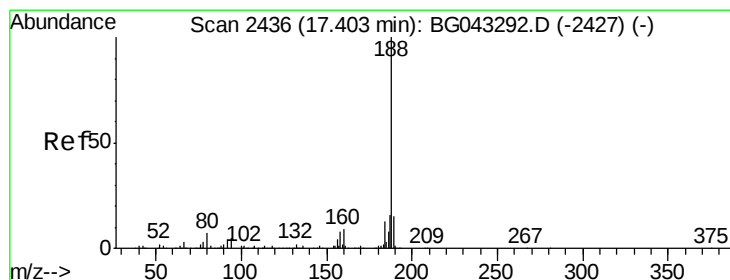
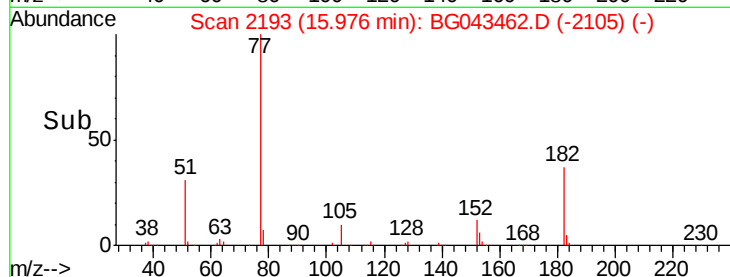
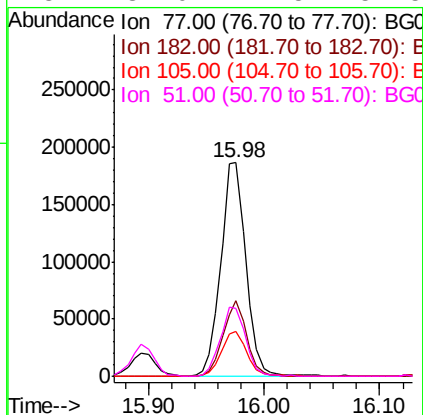
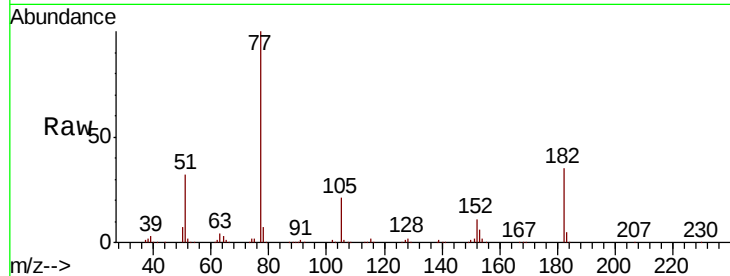
#63
Azobenzene
Concen: 35.768 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		279424		
182	35.2	14.9	54.9		
105	20.9	0.6	40.6		
51	32.0	12.5	52.5		

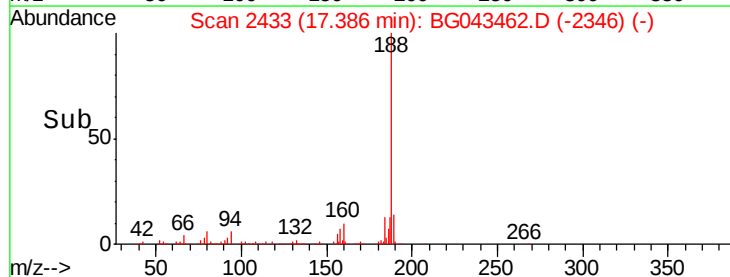
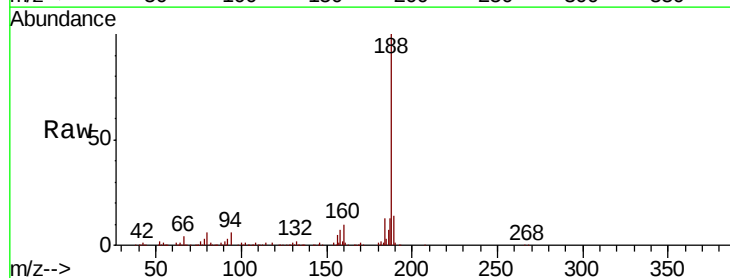
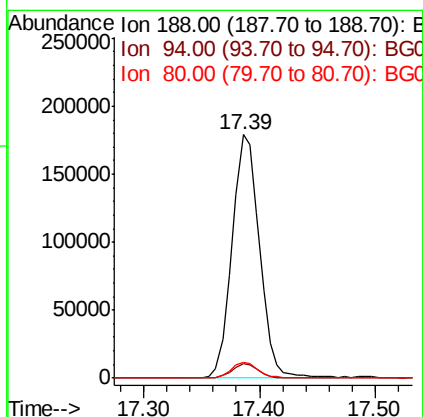
Manual Integrations
APPROVED

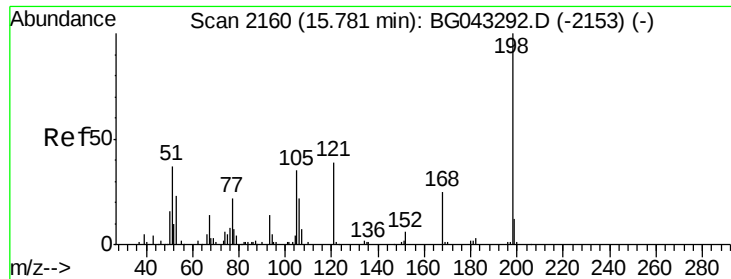
mohammad
11/4/2019 11:49:50 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		294807		
94	5.7	4.2	6.2		
80	6.3	5.2	7.8		





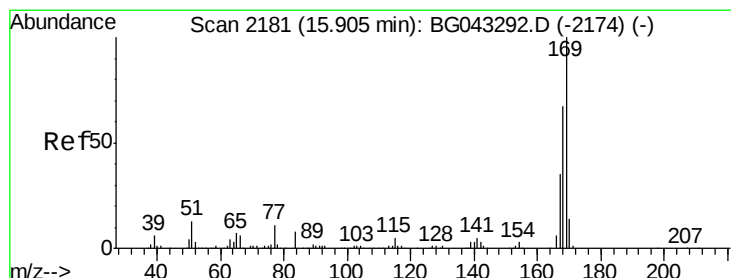
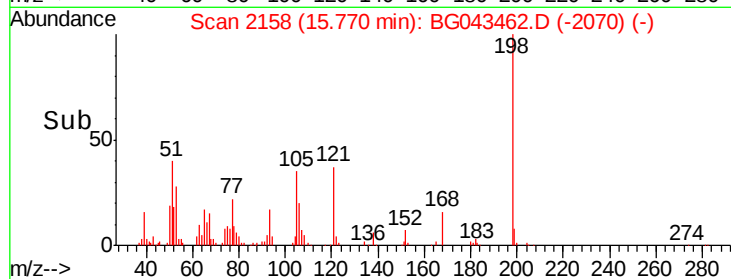
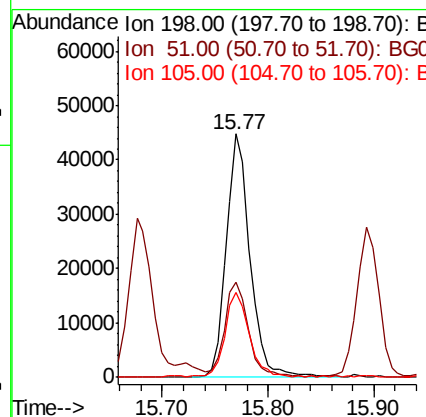
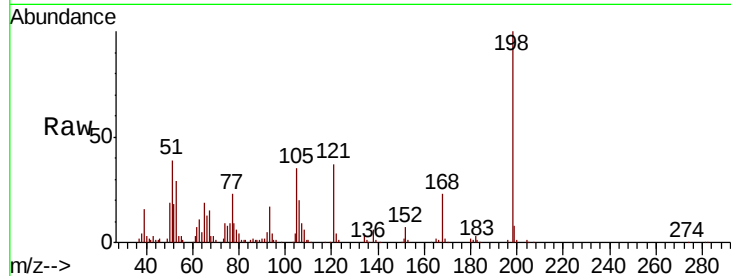
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.420 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	70127		
51	39.1		21.4	61.4
105	34.9		16.5	56.5

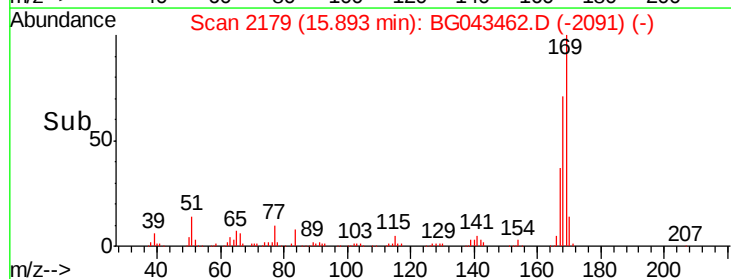
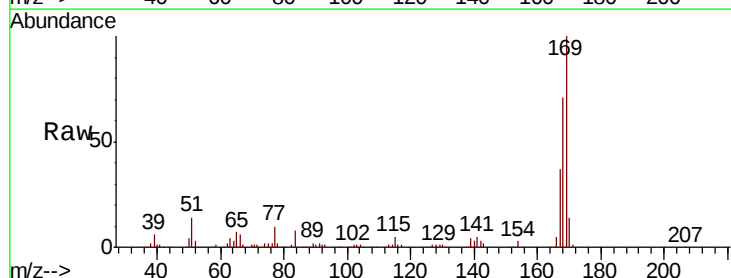
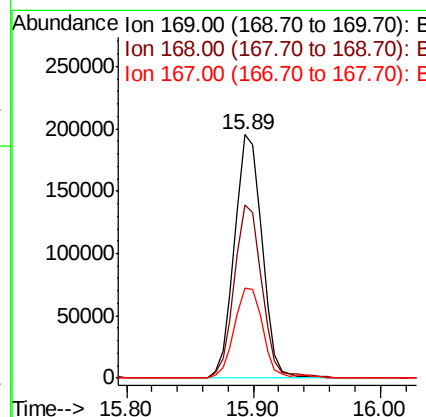
Manual Integrations
 APPROVED

mohammad
 11/4/2019 11:49:50 AM



#66
 n-Nitrosodiphenylamine
 Concen: 35.225 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	293181		
168	71.1		53.9	80.9
167	36.8		28.3	42.5





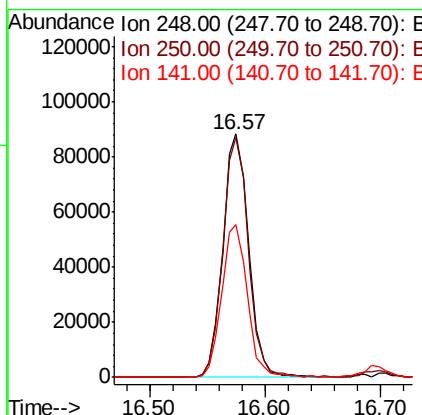
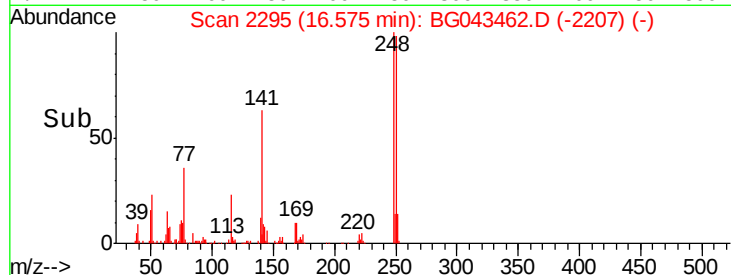
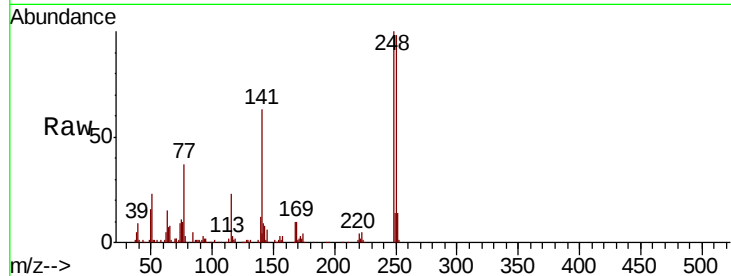
#67
4-Bromophenyl-phenylether
Concen: 34.317 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.3	118.9
141	62.8	47.9	71.9

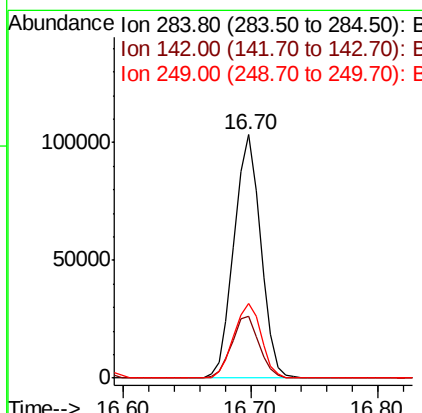
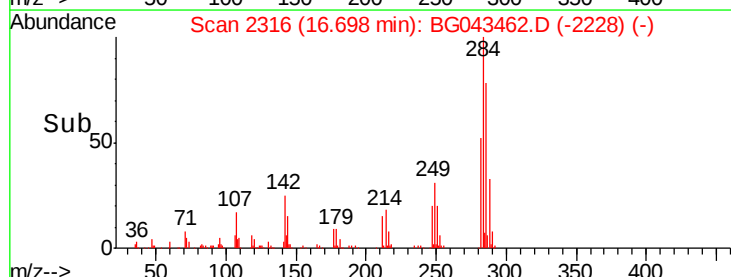
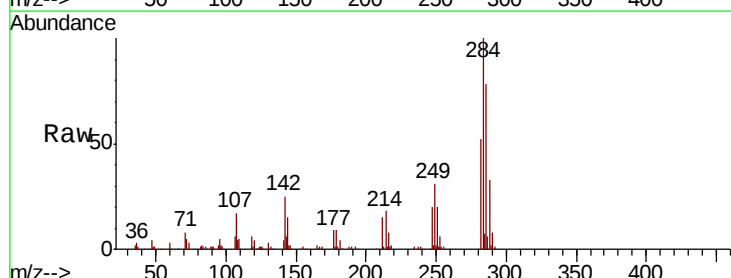
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#68
Hexachlorobenzene
Concen: 33.274 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	21.1	31.7
249	30.6	24.4	36.6





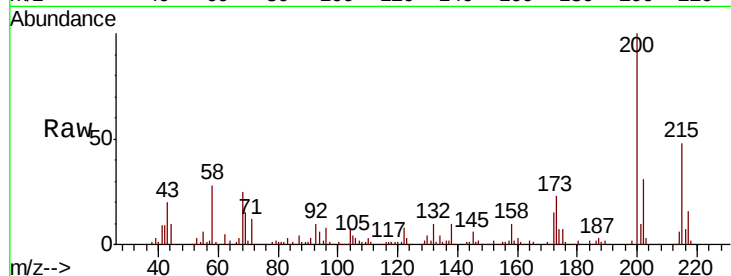
#69
Atrazine
Concen: 45.892 ng
RT: 16.85 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	5.1	45.1
215	47.8	26.6	66.6

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

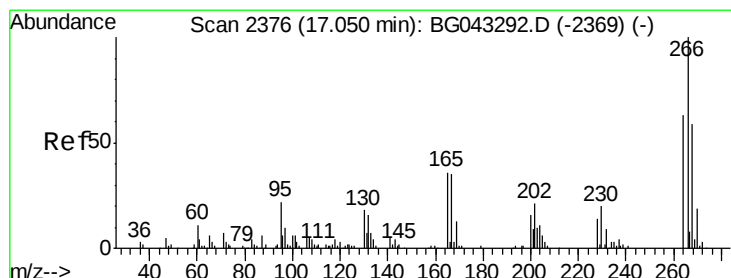
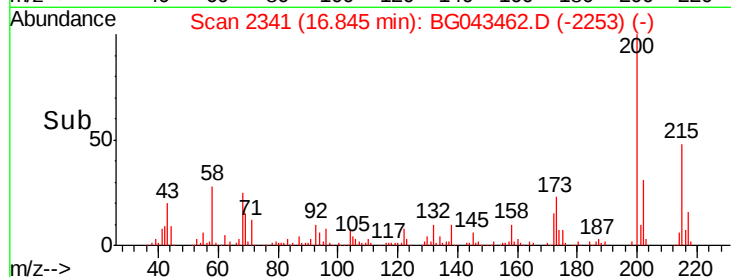
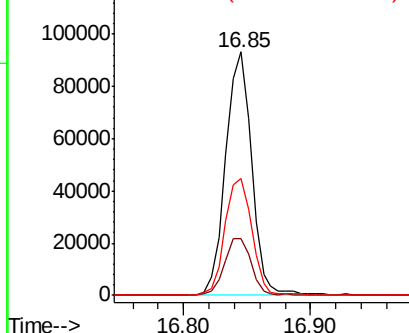


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.768 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

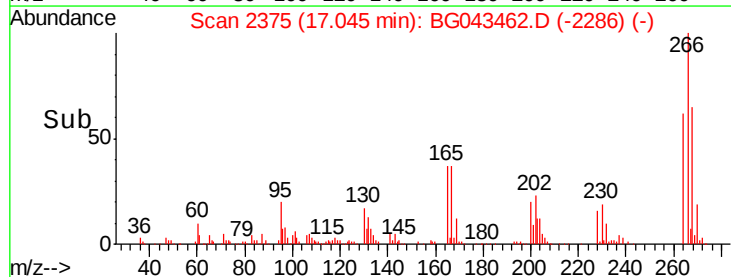
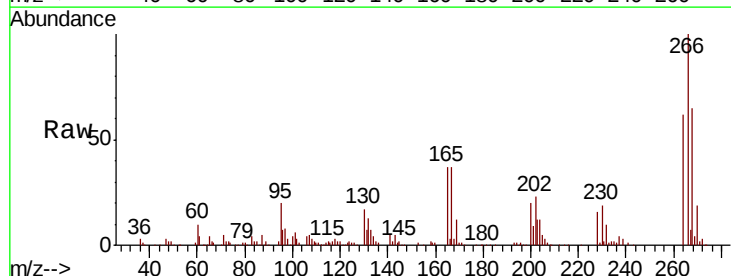
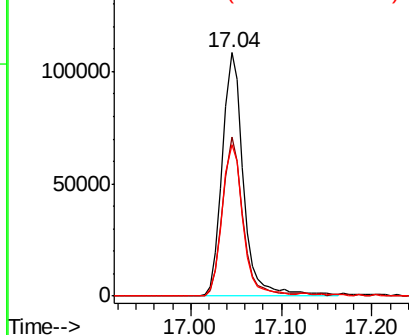
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.4	47.1	70.7
264	62.0	50.4	75.6

Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





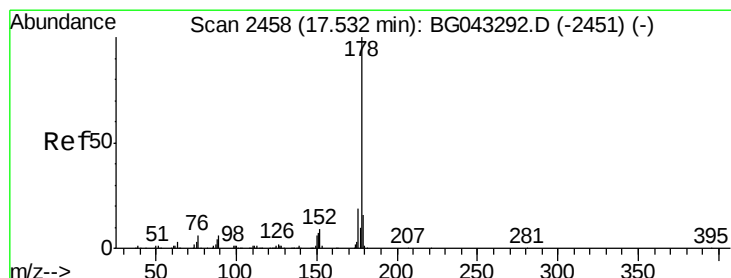
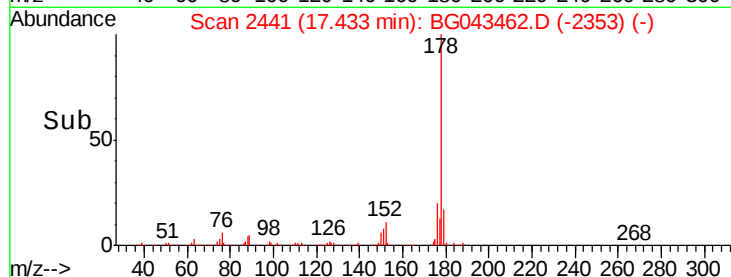
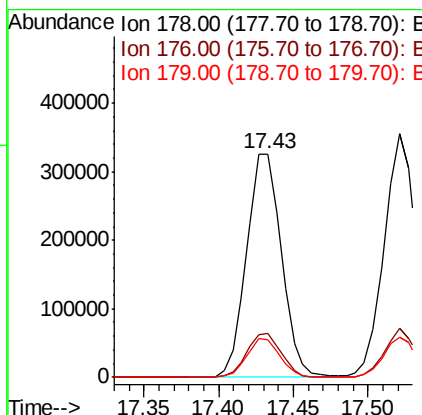
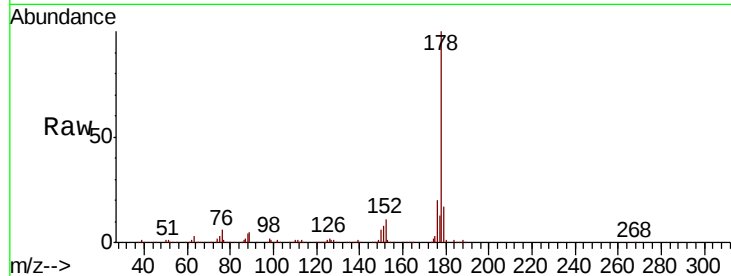
#71
Phenanthrene
Concen: 35.008 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.6	13.1	19.7

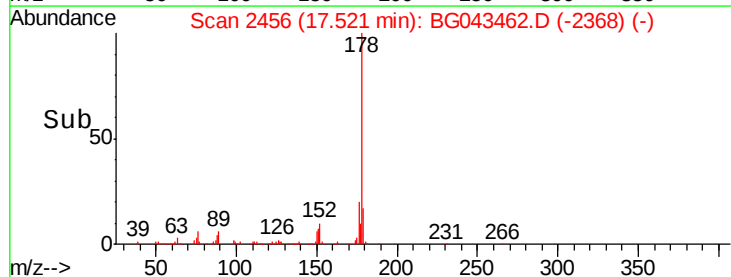
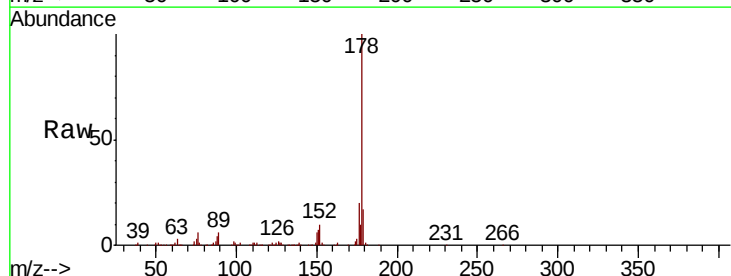
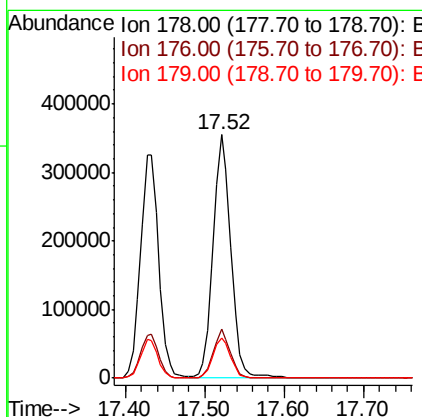
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#72
Anthracene
Concen: 36.444 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.6	13.0	19.6





#73

Carbazole

Concen: 36.447 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

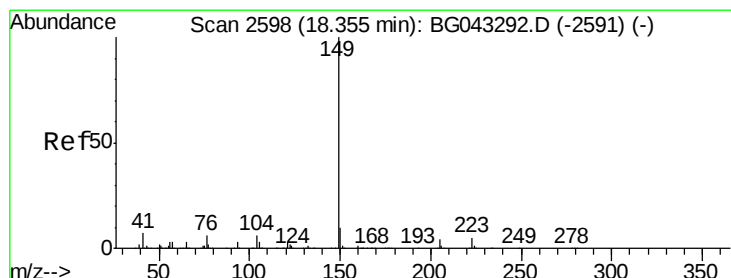
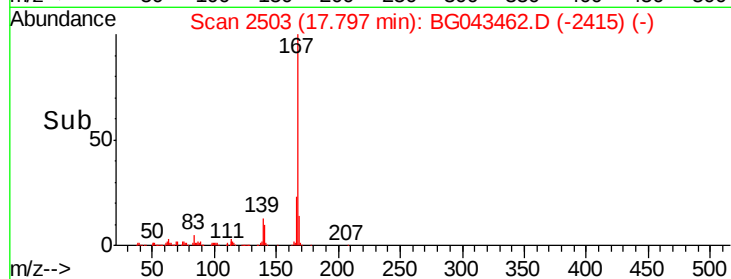
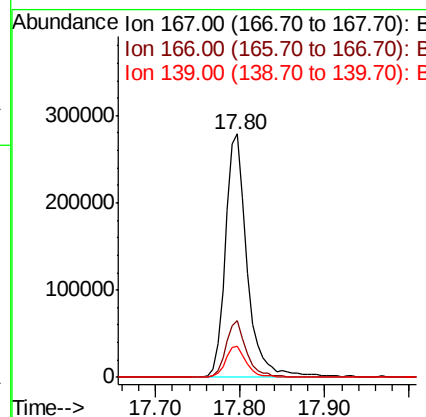
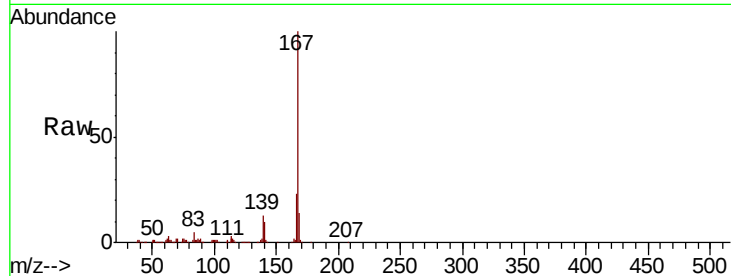
ClientSampleId :

PB124454BS

Tot Ion:	167	Resp:	498524
Ion Ratio	Lower	Upper	
167	100		
166	23.2	18.4	27.6
139	12.6	10.2	15.4

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#74

Di-n-butylphthalate

Concen: 35.330 ng

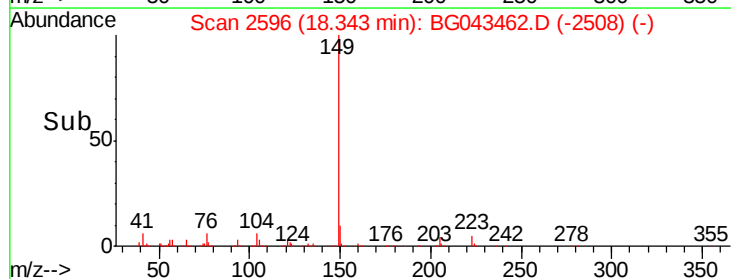
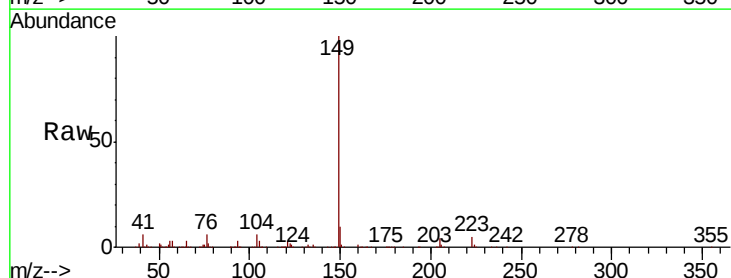
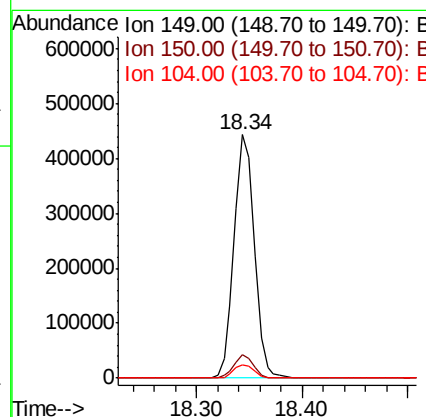
RT: 18.34 min Scan# 2596

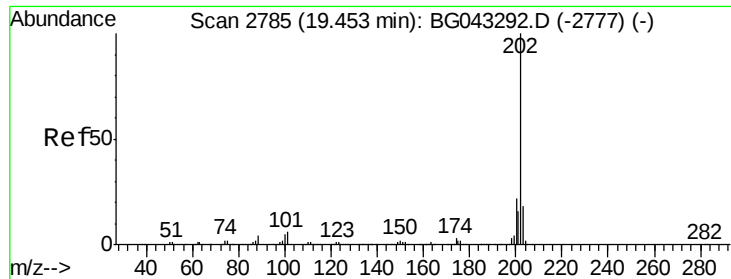
Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	149	Resp:	586352
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.5	4.7	7.1





#75

Fluoranthene

Concen: 36.527 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

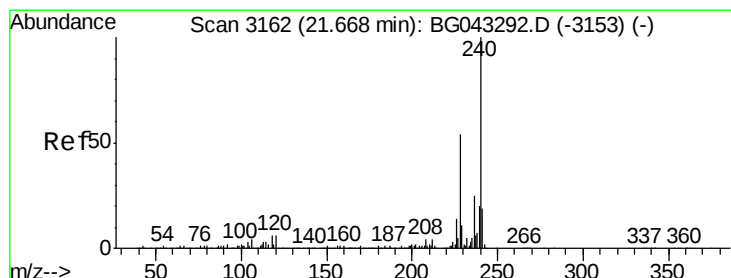
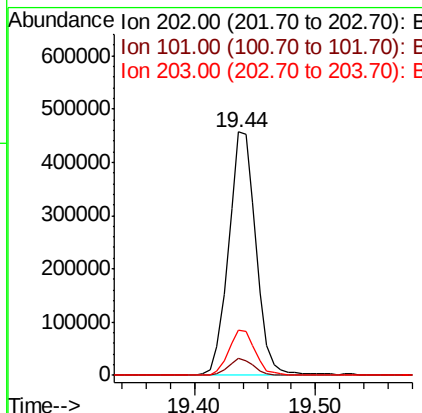
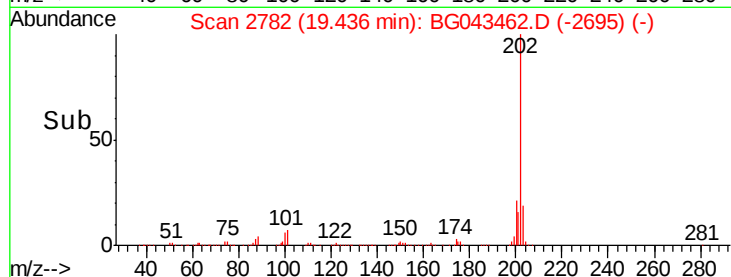
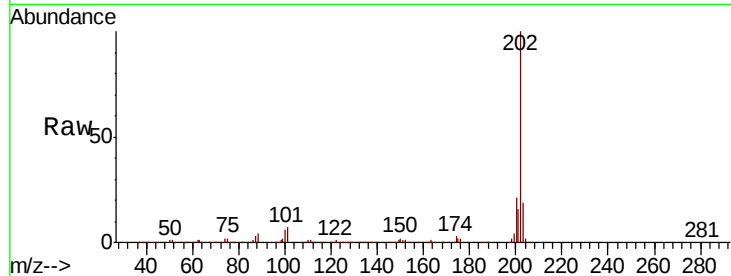
ClientSampleId :

PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	718886		
101	7.0	0.0	26.0	
203	18.5	0.0	38.2	

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#76

Chrysene-d12

Concen: 20.000 ng

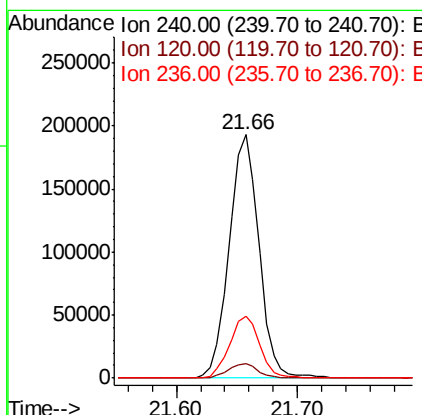
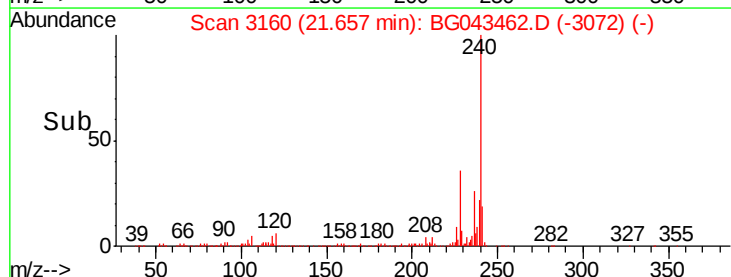
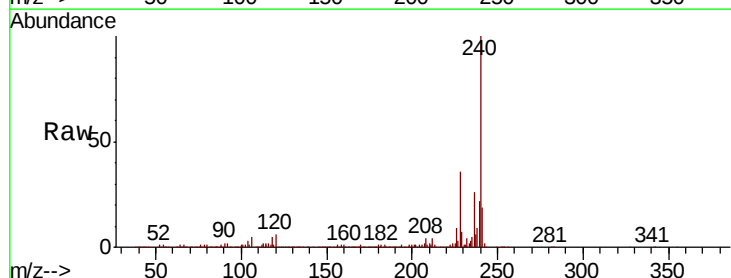
RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331075		
120	5.8	4.6	7.0	
236	25.6	20.2	30.4	





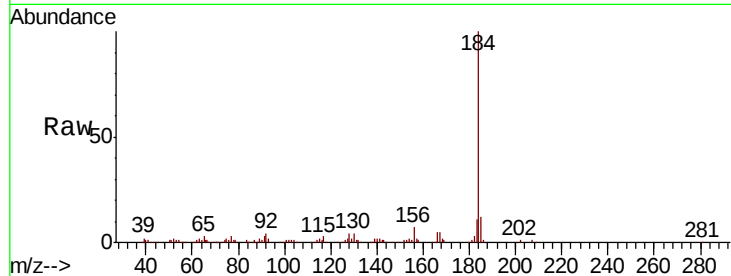
#77
Benzidine
Concen: 30.730 ng
RT: 19.62 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampled :
PB124454BS

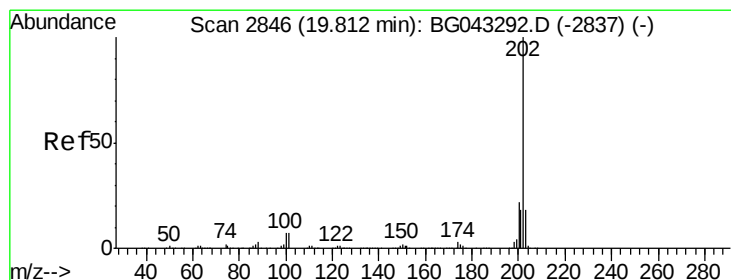
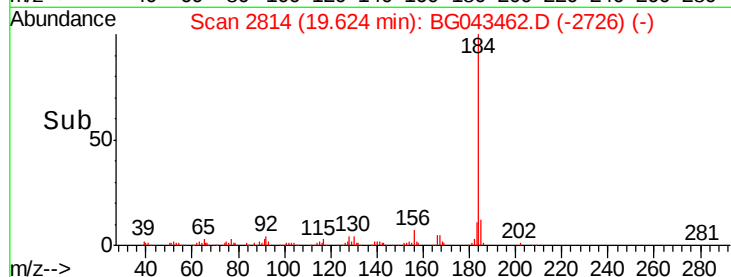
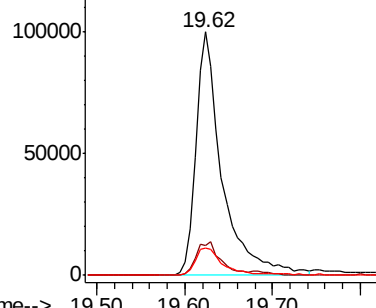
Tot Ion	Ratio	Resp	Lower	Upper
184	100	204755		
185	12.4		11.8	17.6
183	11.1		10.6	16.0

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

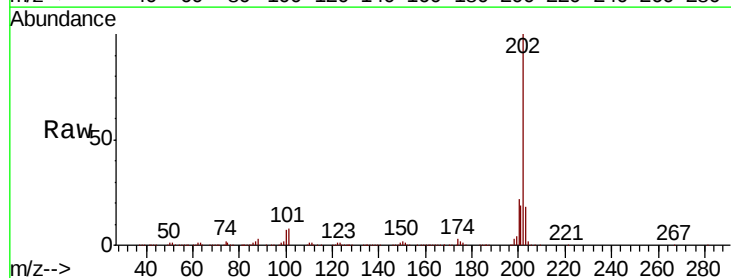


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

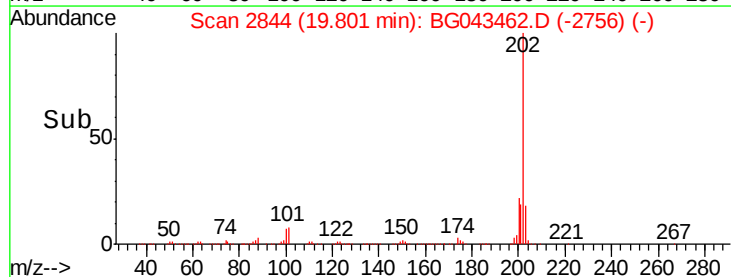
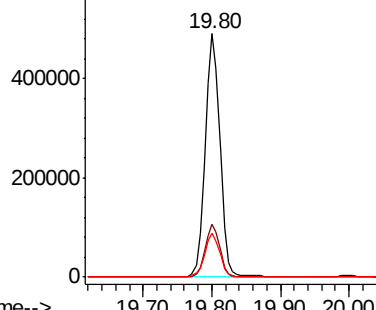


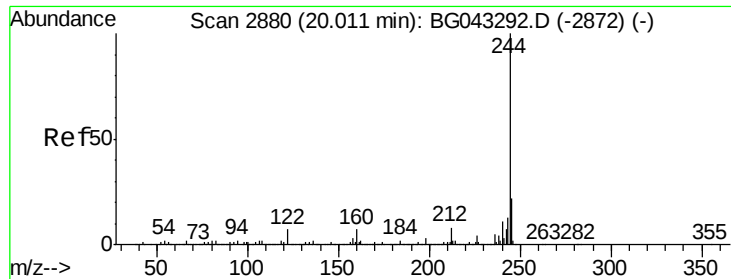
#78
Pyrene
Concen: 35.634 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	730250		
200	21.6		17.3	25.9
203	18.3		14.5	21.7



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





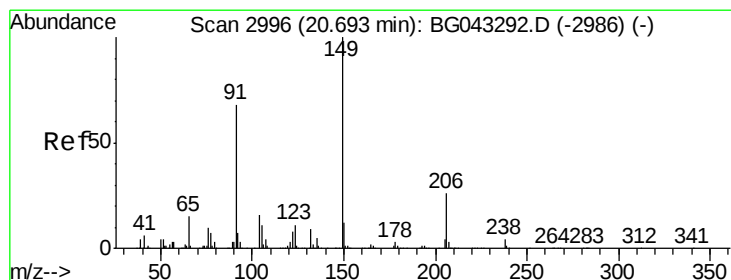
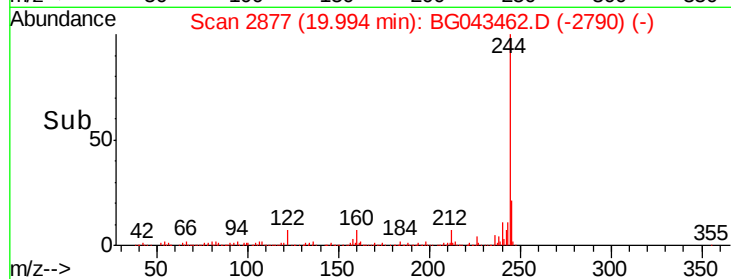
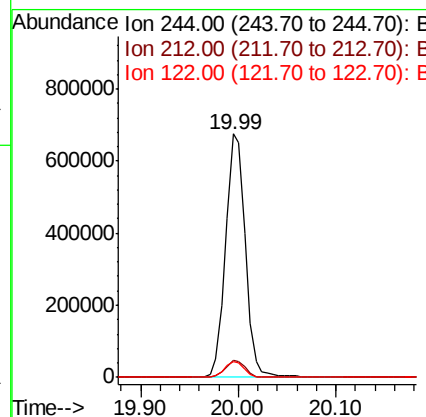
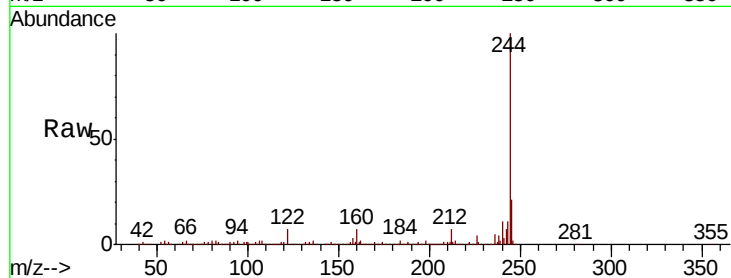
#79
 Terphenyl-d14
 Concen: 53.598 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.02 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.4	9.6	
122	6.7	5.3	7.9	

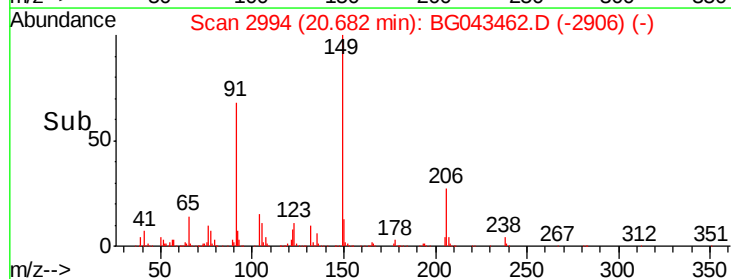
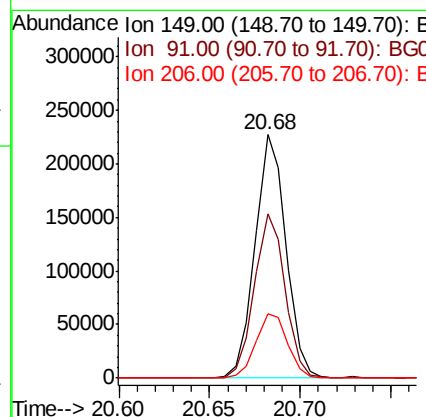
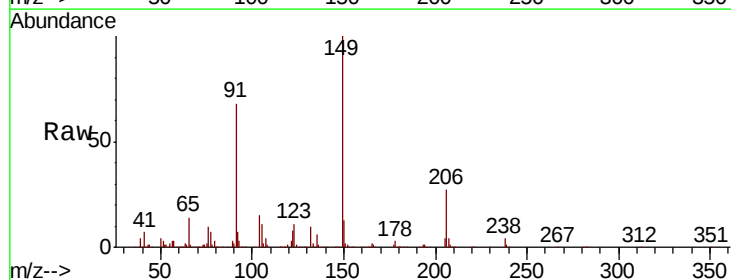
Manual Integrations
 APPROVED

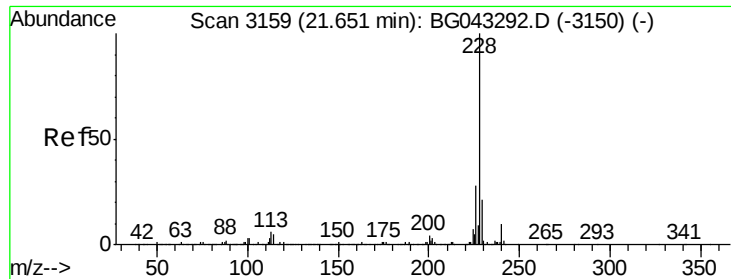
mohammad
 11/4/2019 11:49:50 AM



#80
 Butylbenzylphthalate
 Concen: 34.636 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.5	54.6	82.0	
206	26.6	20.5	30.7	





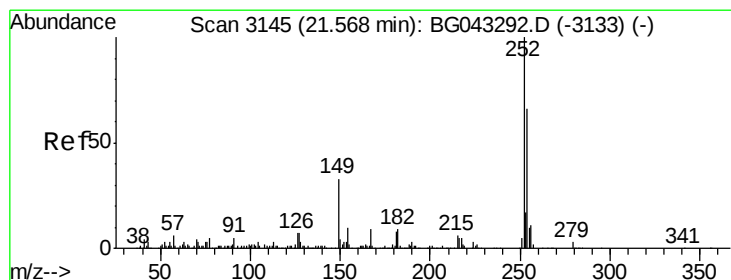
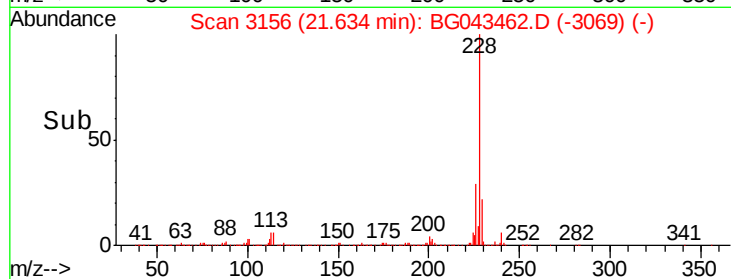
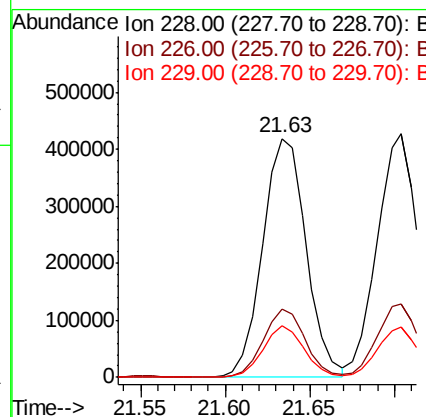
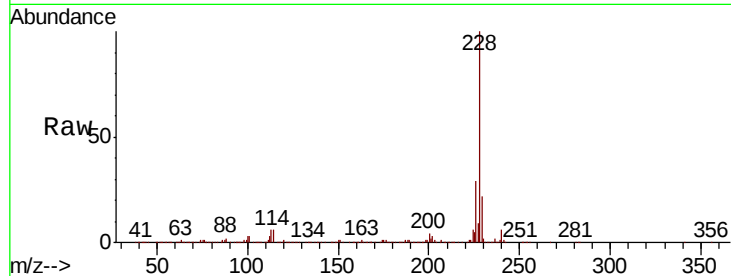
#81
Benzo(a)anthracene
Concen: 36.143 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.8	22.2	33.4		
229	21.8	16.9	25.3		

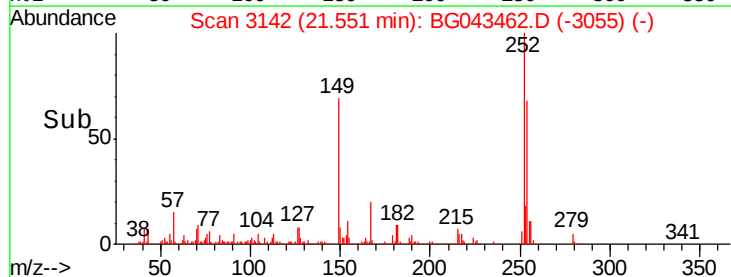
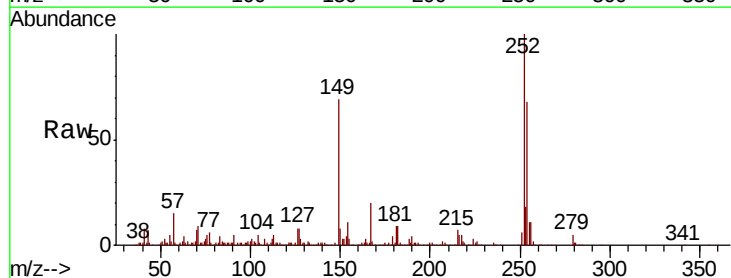
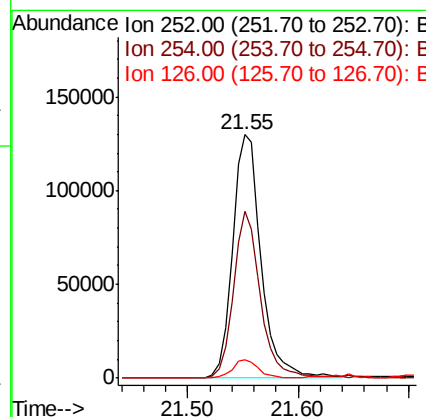
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.233 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	68.4	52.7	79.1		
126	7.5	5.6	8.4		





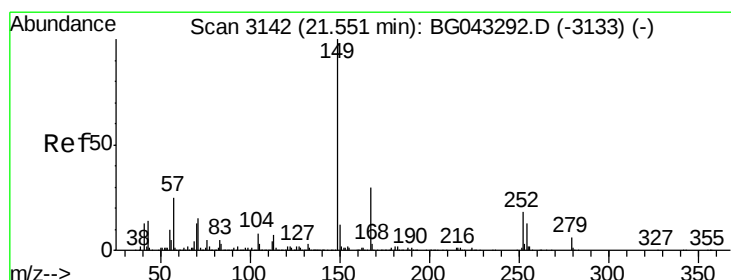
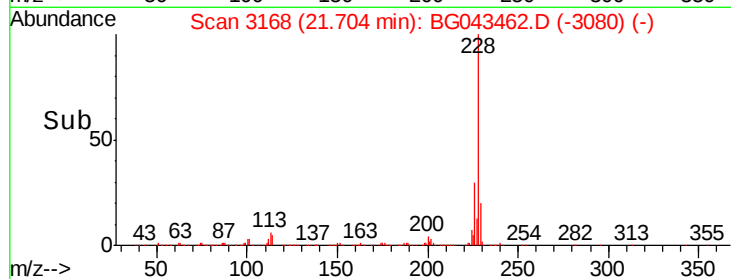
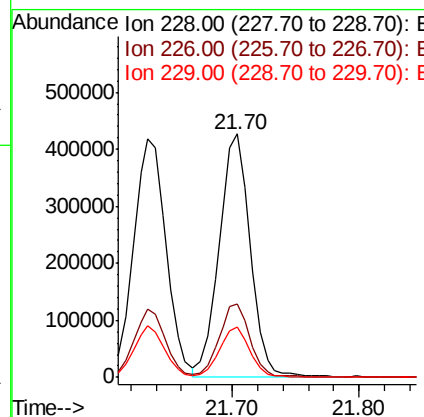
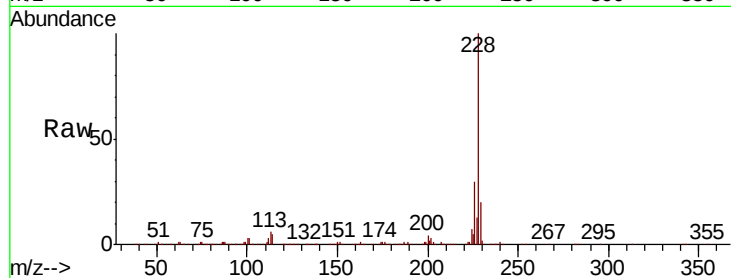
#83
 Chrysene
 Concen: 35.187 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.5	16.3	24.5

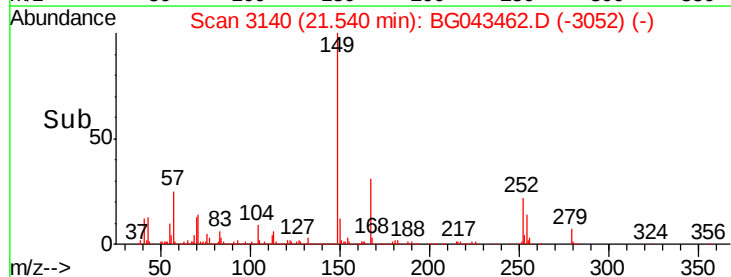
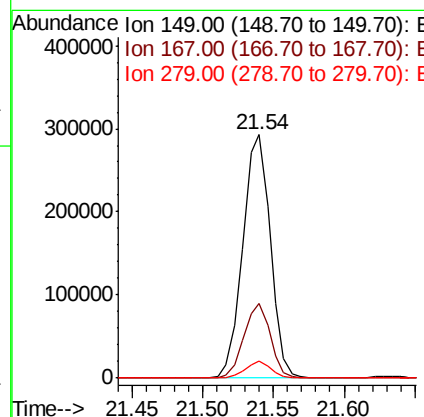
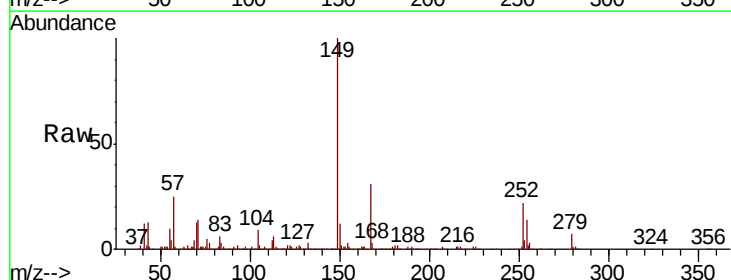
Manual Integrations
 APPROVED

mohammad
 11/4/2019 11:49:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.136 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG043462.D
 Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.9	35.9
279	6.8	4.8	7.2





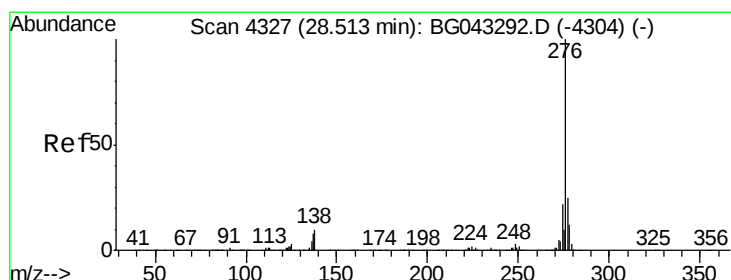
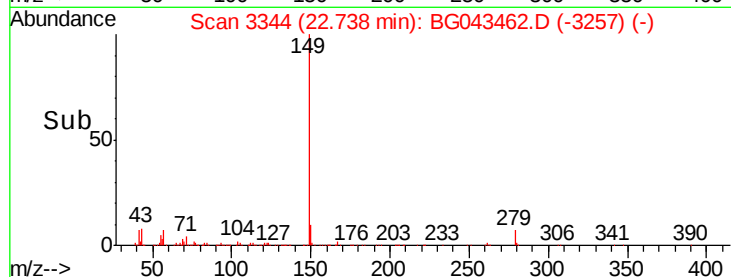
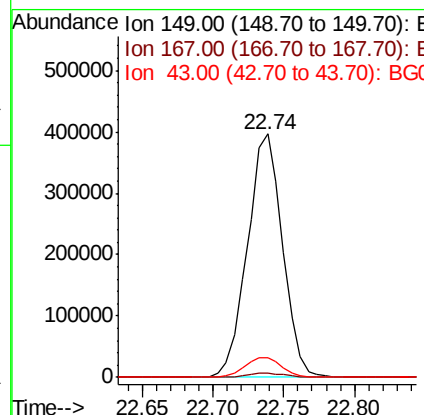
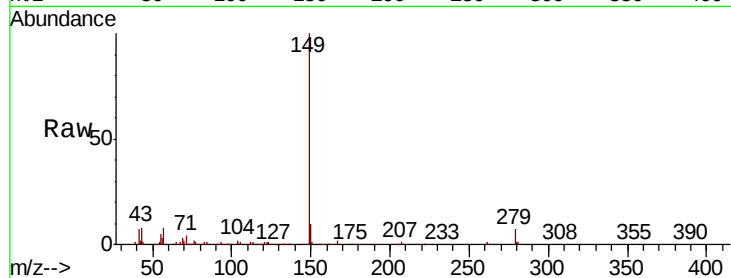
#85
Di-n-octyl phthalate
Concen: 36.818 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleID :
PB124454BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688922		
167	1.8		1.4	2.0
43	8.5		6.9	10.3

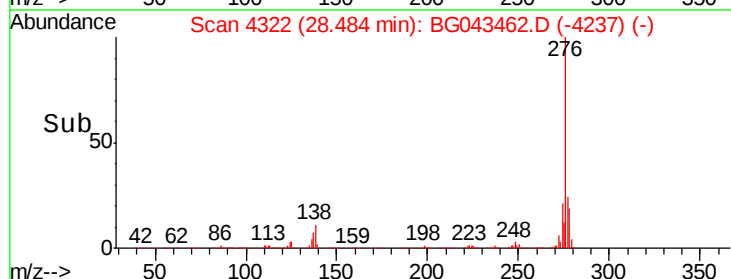
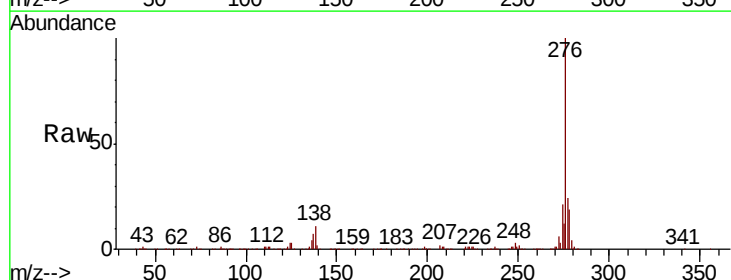
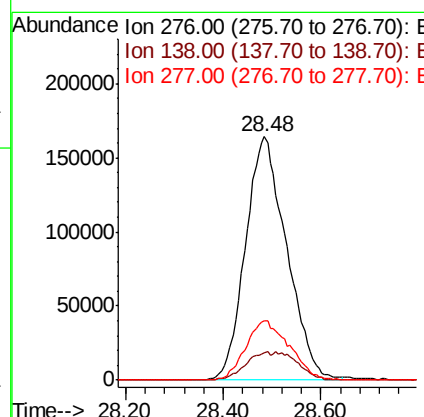
Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.174 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	961497		
138	7.0		7.2	10.8#
277	25.8		20.9	31.3





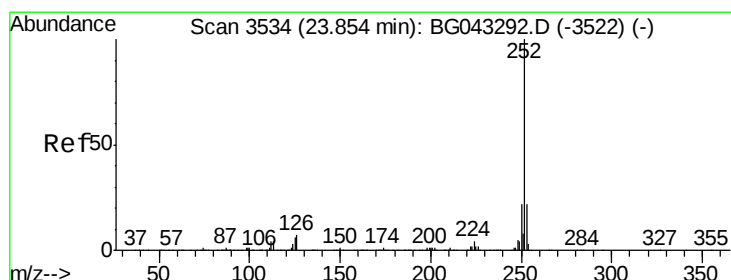
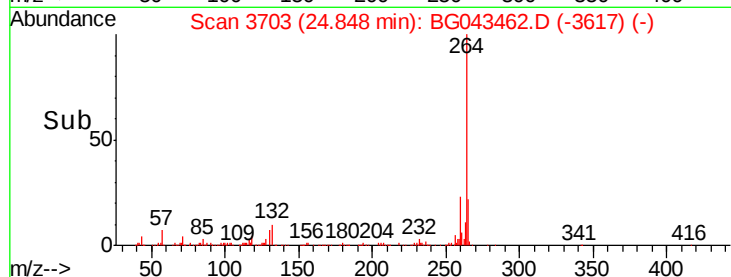
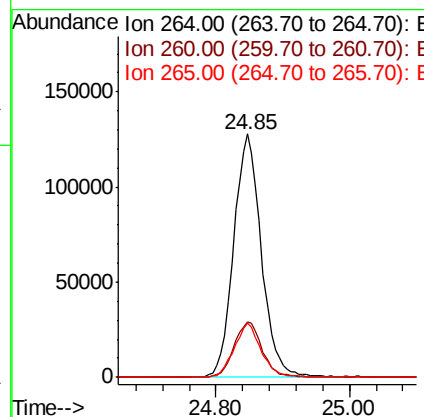
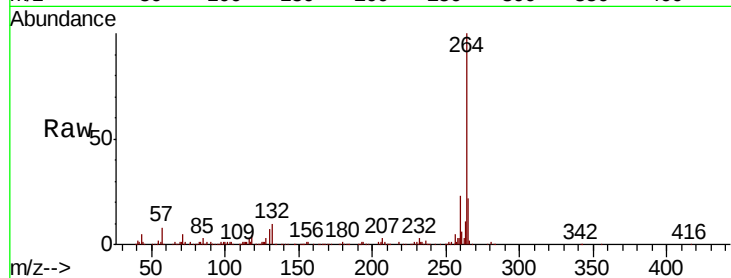
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	22.4	17.4	26.2

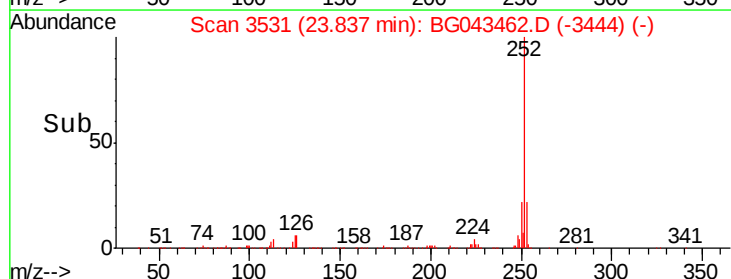
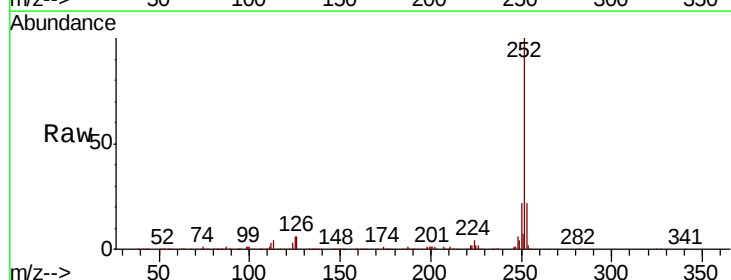
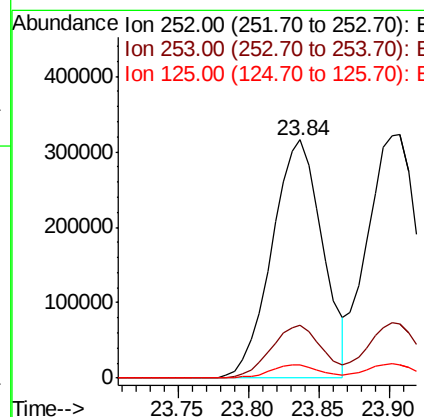
Manual Integrations
APPROVED

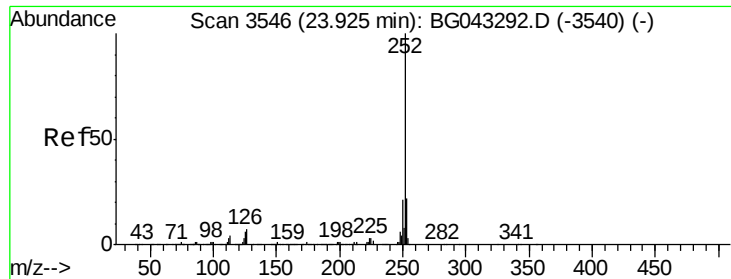
mohammad
11/4/2019 11:49:50 AM



#88
Benzo(b)fluoranthene
Concen: 37.820 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	5.8	5.0	7.6





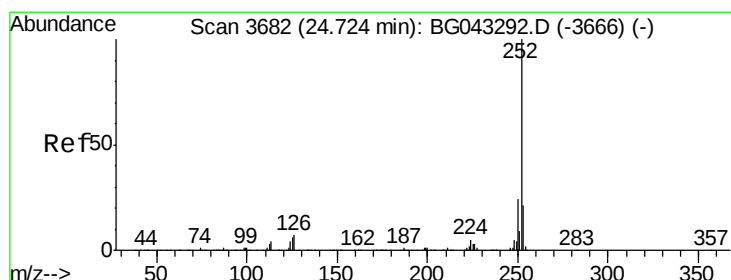
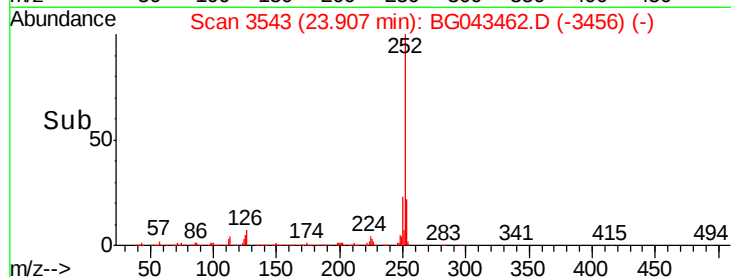
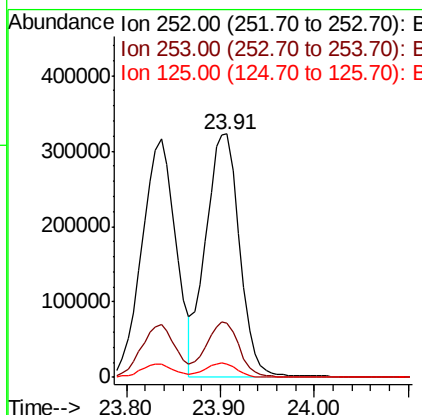
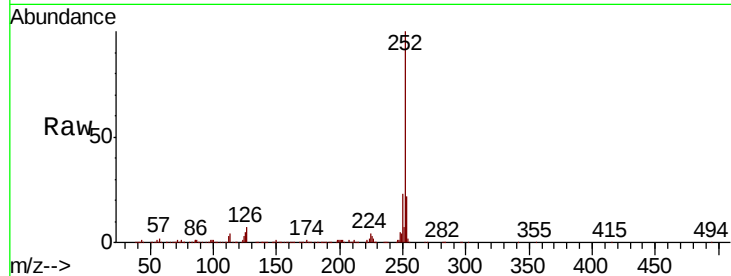
#89
Benzo(k)fluoranthene
Concen: 38.482 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB124454BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	5.2	4.5	6.7

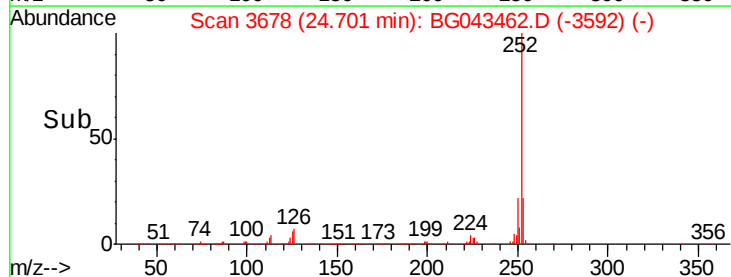
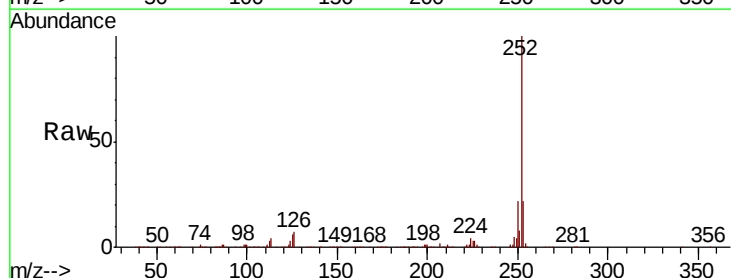
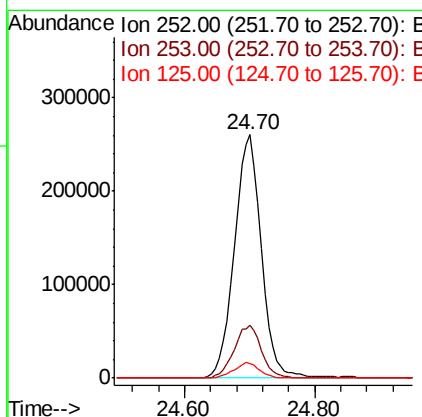
Manual Integrations
APPROVED

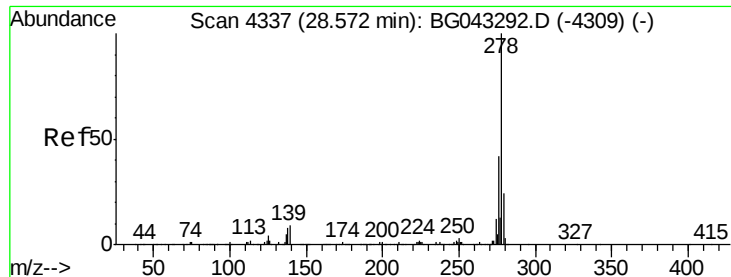
mohammad
11/4/2019 11:49:50 AM



#90
Benzo(a)pyrene
Concen: 37.212 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG043462.D
Acq: 1 Nov 2019 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.1	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 39.666 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.03 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Instrument :

BNA_G

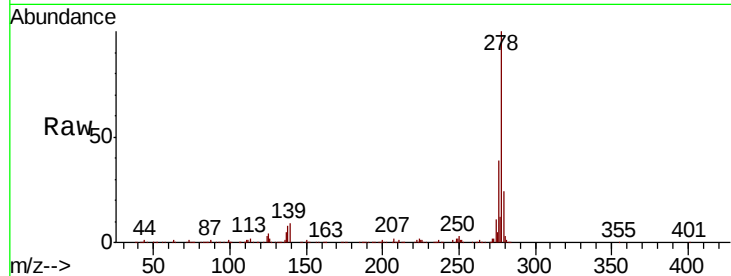
ClientSampleId :

PB124454BS

Tot Ion:	278	Resp:	812715
Ion Ratio	Lower	Upper	
278	100		
139	9.0	6.8	10.2
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
11/4/2019 11:49:50 AM

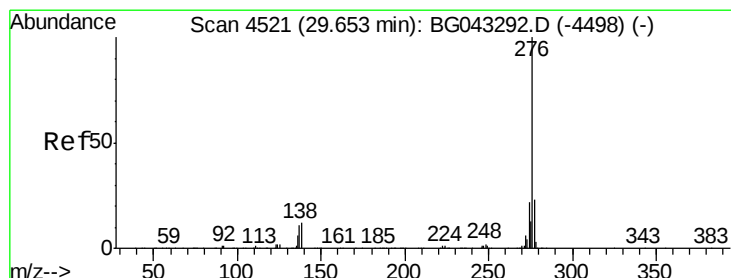
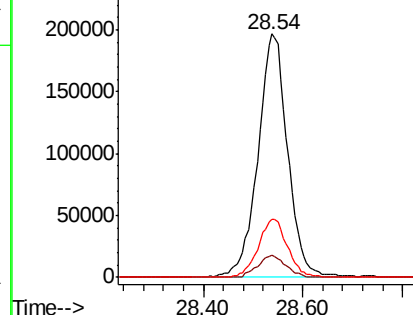
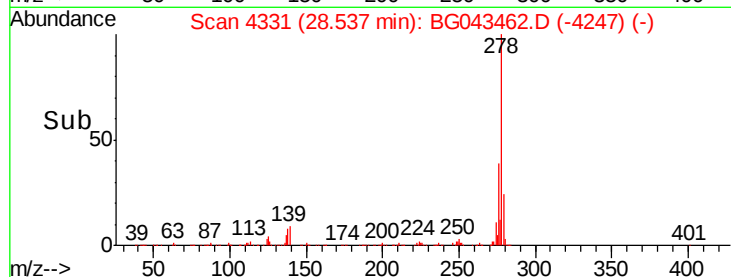


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.402 ng

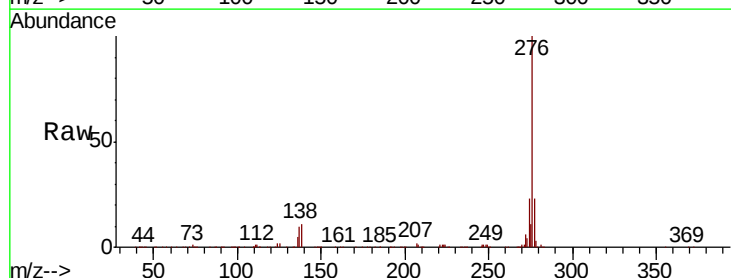
RT: 29.62 min Scan# 4516

Delta R.T. -0.03 min

Lab File: BG043462.D

Acq: 1 Nov 2019 12:49

Tgt Ion:	276	Resp:	816531
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.3	27.5
138	11.1	9.3	13.9



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

