

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043630.D
 Acq On : 14 Nov 2019 12:44
 Operator : JU
 Sample : PB124780BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:23 PM

Quant Time: Nov 15 02:17:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26209	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	107375	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	75808	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	183909	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	213942	20.00	ng	-0.01
87) Perylene-d12	24.83	264	226342	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177721	124.26	ng	0.00
7) Phenol-d6	7.20	99	240603	116.92	ng	0.00
23) Nitrobenzene-d5	9.16	82	119103	57.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.13	330	150960	104.64	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	330333	60.21	ng	-0.01
79) Terphenyl-d14	19.99	244	686888	60.23	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	19670	35.291 ng	96
3) Pyridine	3.86	79	45856	32.615 ng	98
4) n-Nitrosodimethylamine	3.77	42	30458	42.931 ng	87
6) Aniline	7.33	93	75352	31.787 ng	100
8) 2-Chlorophenol	7.58	128	68891	43.634 ng	94
9) Benzaldehyde	7.14	77	35751	35.351 ng	82
10) Phenol	7.23	94	85615	45.530 ng	97
11) bis(2-Chloroethyl)ether	7.41	93	54810	37.700 ng	97
12) 1,3-Dichlorobenzene	7.89	146	74202	37.510 ng	97
13) 1,4-Dichlorobenzene	8.03	146	77578	38.761 ng	93
14) 1,2-Dichlorobenzene	8.35	146	74342	38.043 ng	96
15) Benzyl Alcohol	8.25	79	60855	42.108 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76491	36.183 ng	97
17) 2-Methylphenol	8.47	107	59303	43.261 ng	95
18) Hexachloroethane	9.07	117	27357	37.886 ng	89
19) n-Nitroso-di-n-propylamine	8.80	70	49927	37.547 ng	93
20) 3+4-Methylphenols	8.80	107	79303	42.188 ng	# 89
22) Acetophenone	8.82	105	101256	36.824 ng	# 89
24) Nitrobenzene	9.20	77	76834	38.726 ng	# 97
25) Isophorone	9.72	82	143610	37.714 ng	98
26) 2-Nitrophenol	9.91	139	40395	42.172 ng	# 94
27) 2,4-Dimethylphenol	9.99	122	65247	47.526 ng	100
28) bis(2-Chloroethoxy)methane	10.20	93	75584	35.965 ng	94
29) 2,4-Dichlorophenol	10.47	162	72508	41.220 ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	79806	35.997 ng	98
31) Naphthalene	10.85	128	212400	38.970 ng	98
32) Benzoic acid	10.17	122	29176	31.634 ng	89
33) 4-Chloroaniline	10.97	127	53306	23.860 ng	96
34) Hexachlorobutadiene	11.14	225	55238	33.705 ng	96
35) Caprolactam	11.74	113	23847m	39.363 ng	
36) 4-Chloro-3-methylphenol	12.12	107	77687	40.489 ng	96
37) 2-Methylnaphthalene	12.46	142	161709	38.669 ng	97
38) 1-Methylnaphthalene	12.68	142	153967	38.695 ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	105170	37.486 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043630.D
 Acq On : 14 Nov 2019 12:44
 Operator : JU
 Sample : PB124780BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

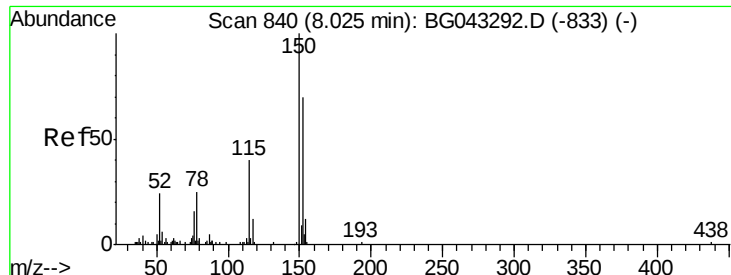
Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:23 PM

Quant Time: Nov 15 02:17:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	87381	59.291	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	63916	38.685	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	68068	40.751	nq	95
46) 1,1'-Biphenyl	13.46	154	220447	38.225	nq	99
47) 2-Chloronaphthalene	13.50	162	168249	38.343	nq	99
48) 2-Nitroaniline	13.72	65	51236	39.067	nq	95
49) Acenaphthylene	14.35	152	278531	40.785	nq	100
50) Dimethylphthalate	14.09	163	224384	38.213	nq	99
51) 2,6-Dinitrotoluene	14.20	165	50931	39.926	nq	96
52) Acenaphthene	14.69	154	163152	39.175	nq	99
53) 3-Nitroaniline	14.55	138	36381	29.539	nq	95
54) 2,4-Dinitrophenol	14.76	184	42645	55.944	nq	97
55) Dibenzofuran	15.03	168	270742	40.088	nq	98
56) 4-Nitrophenol	14.89	139	68007	82.399	nq	93
57) 2,4-Dinitrotoluene	15.00	165	73012	40.049	nq	# 99
58) Fluorene	15.68	166	226513	39.988	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	70152	39.530	nq	93
60) Diethylphthalate	15.44	149	223149	37.822	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	126637	38.322	nq	96
62) 4-Nitroaniline	15.71	138	47274	37.167	nq	87
63) Azobenzene	15.96	77	188237	39.422	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	41819	38.639	nq	95
66) n-Nitrosodiphenylamine	15.88	169	201698	38.846	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	91676	37.041	nq	94
68) Hexachlorobenzene	16.68	284	100519	35.382	nq	94
69) Atrazine	16.83	200	89080	49.374	nq	98
70) Pentachlorophenol	17.04	266	80226	61.973	nq	95
71) Phenanthrene	17.42	178	365834	38.846	nq	99
72) Anthracene	17.51	178	380062	40.336	nq	98
73) Carbazole	17.79	167	342799	40.175	nq	99
74) Di-n-butylphthalate	18.33	149	405098	39.128	nq	99
75) Fluoranthene	19.43	202	502444	40.924	nq	99
77) Benzidine	19.62	184	159420	37.026	nq	97
78) Pyrene	19.79	202	509048	38.440	nq	98
80) Butylbenzylphthalate	20.67	149	189486	37.768	nq	97
81) Benzo(a)anthracene	21.62	228	529680	39.525	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	172811	33.340	nq	94
83) Chrysene	21.69	228	510698	38.355	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	282487	39.637	nq	99
85) Di-n-octyl phthalate	22.71	149	487423	40.312	nq	98
86) Indeno(1,2,3-cd)pyrene	28.45	276	664386	39.751	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	564439	44.030	nq	99
89) Benzo(k)fluoranthene	23.88	252	557991	43.237	nq	98
90) Benzo(a)pyrene	24.67	252	516771	42.215	nq	99
91) Dibenzo(a,h)anthracene	28.51	278	564204	45.060	nq	98
92) Benzo(g,h,i)perylene	29.59	276	560038	45.344	nq	98

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



#1

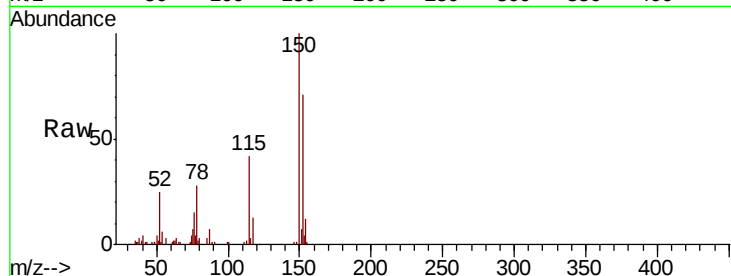
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	129.4	194.0
115	59.2	48.8	73.2

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM

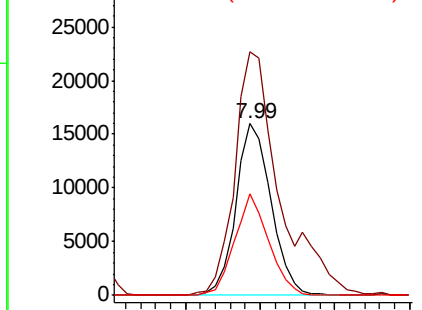


Abundance

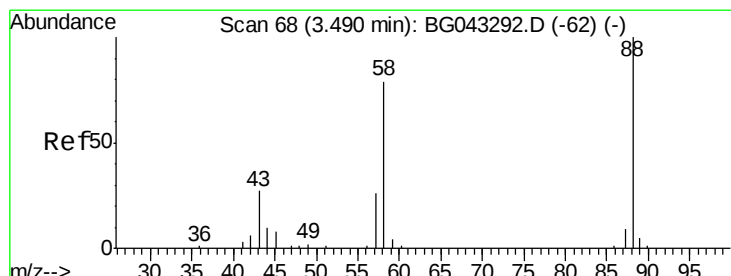
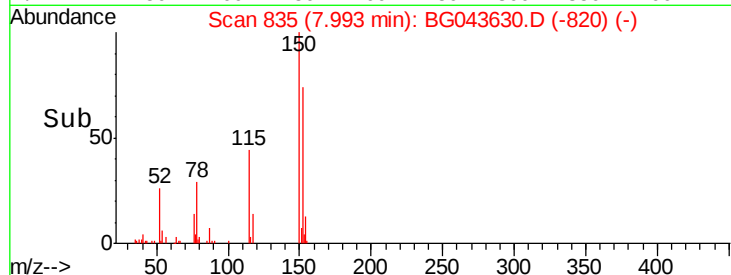
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



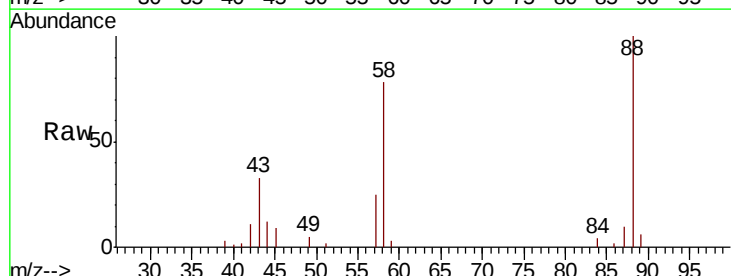
Time-->



#2

1,4-Dioxane
Concen: 35.291 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	62.7	94.1
43	31.4	23.7	35.5

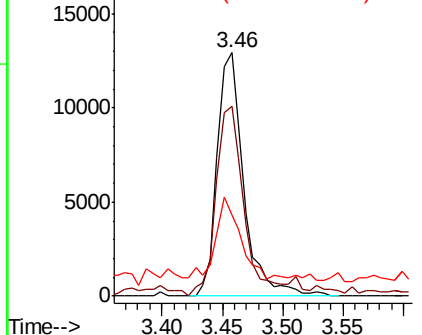


Abundance

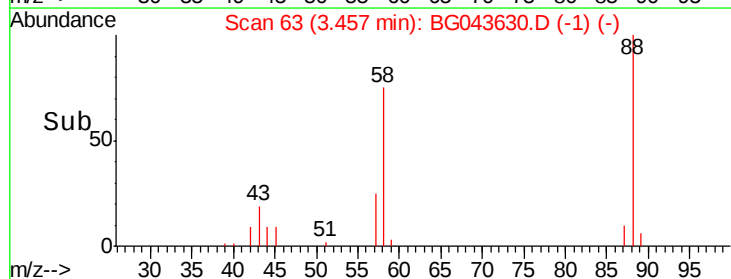
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 32.615 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

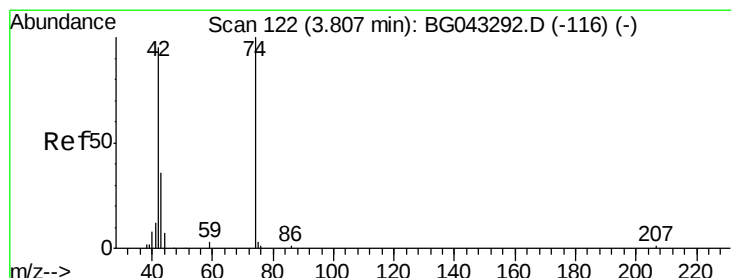
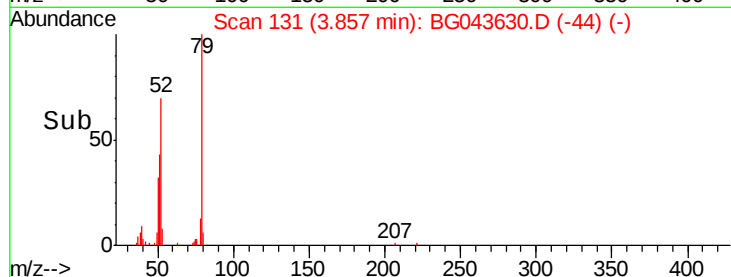
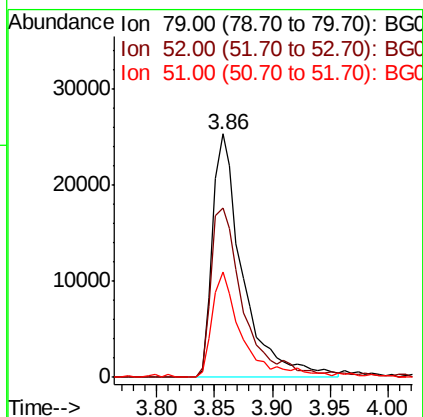
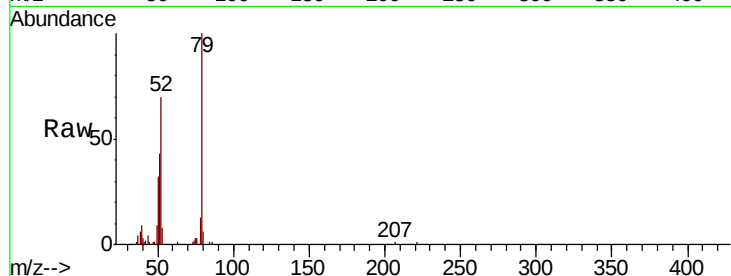
ClientSampleId :

PB124780BS

Tot Ion:	79	Resp:	45856
Ion	Ratio	Lower	Upper
79	100		
52	69.8	56.5	84.7
51	43.1	33.2	49.8

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#4

n-Nitrosodimethylamine

Concen: 42.931 ng

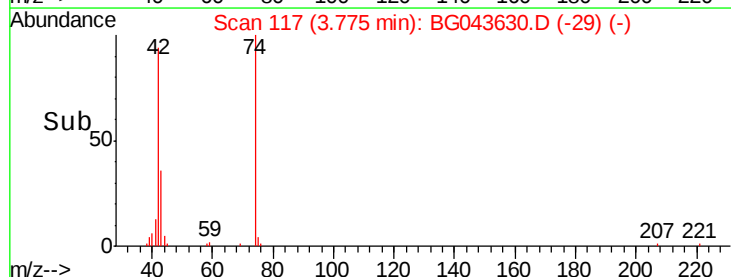
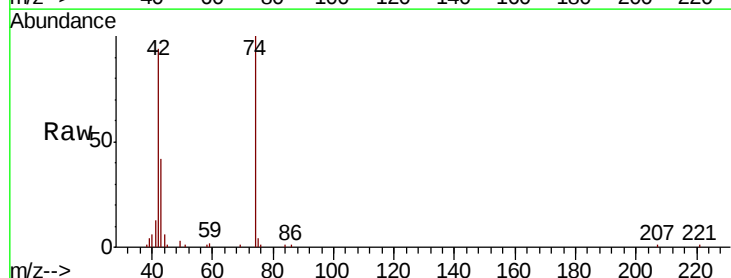
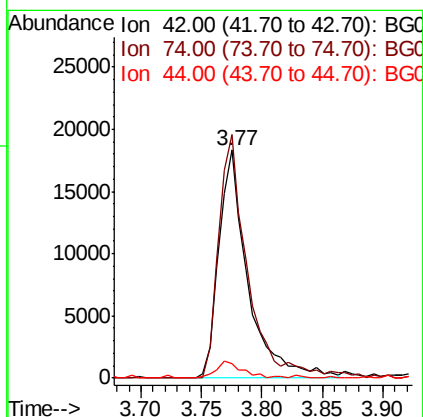
RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	42	Resp:	30458
Ion	Ratio	Lower	Upper
42	100		
74	106.8	97.3	145.9
44	6.2	4.4	6.6





#5

2-Fluorophenol

Concen: 124.257 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

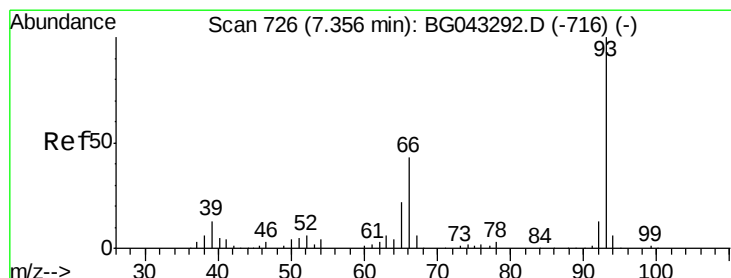
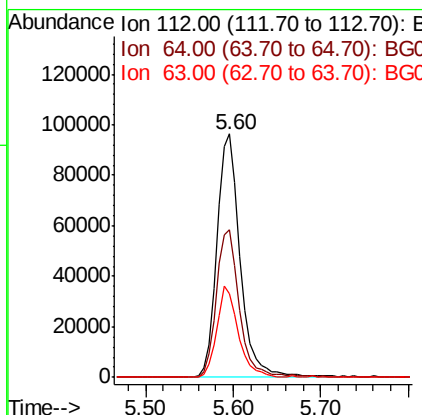
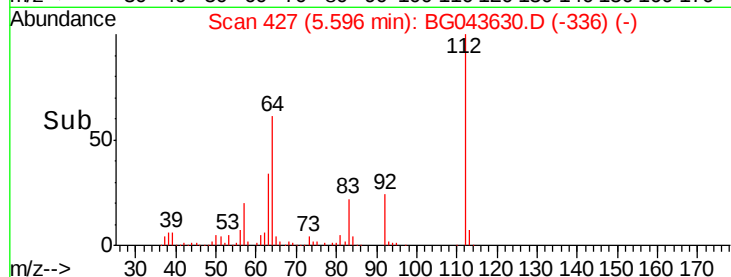
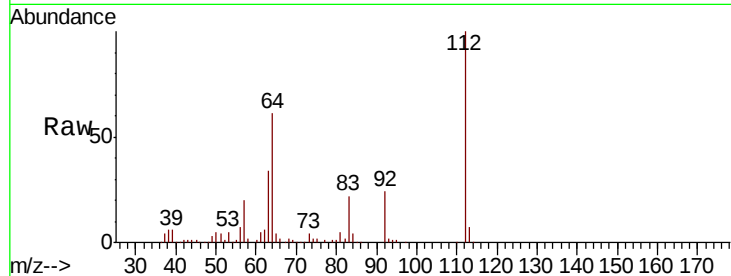
ClientSampleId :

PB124780BS

Tot Ion:	112	Resp:	177721
Ion Ratio	Lower	Upper	
112	100		
64	60.5	50.0	75.0
63	34.3	26.6	40.0

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#6

Aniline

Concen: 31.787 ng

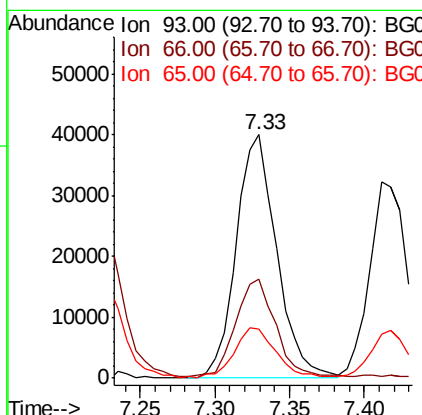
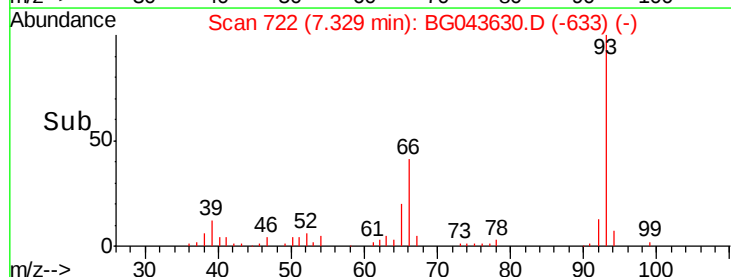
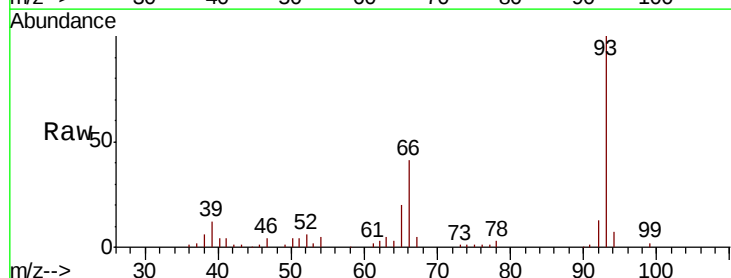
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	93	Resp:	75352
Ion Ratio	Lower	Upper	
93	100		
66	40.8	32.3	48.5
65	20.1	16.1	24.1





#7

Phenol-d6

Concen: 116.921 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

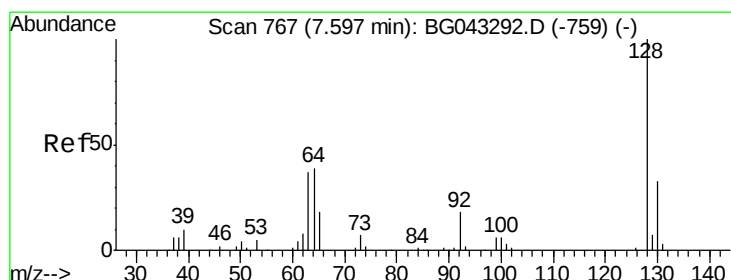
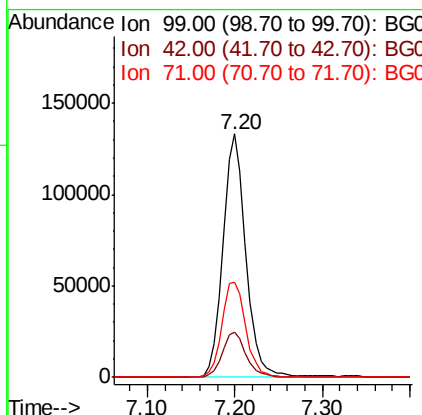
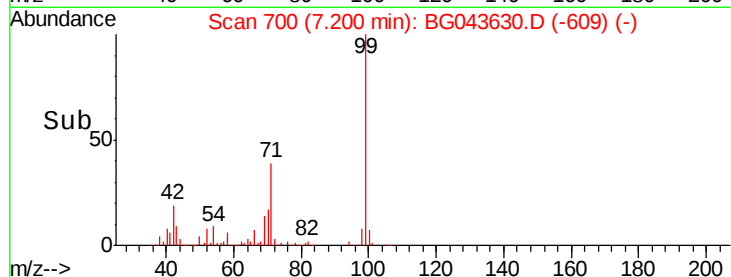
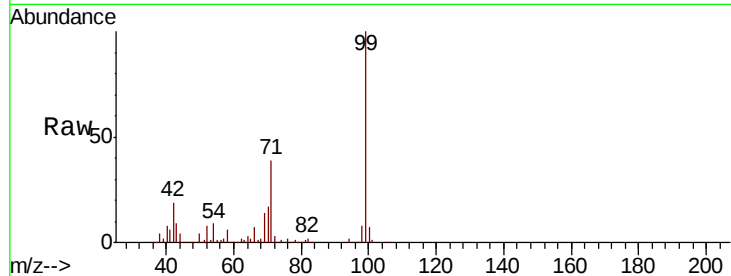
ClientSampleId :

PB124780BS

Tot Ion:	99	Resp:	240603
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.6	21.8
71	38.9	32.5	48.7

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#8

2-Chlorophenol

Concen: 43.634 ng

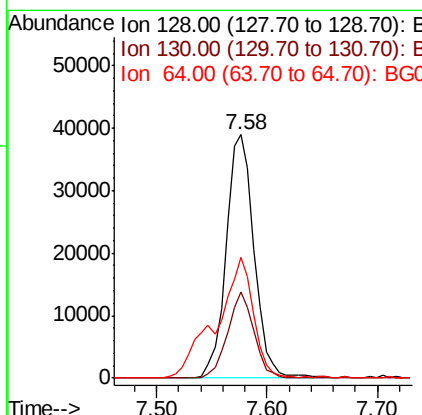
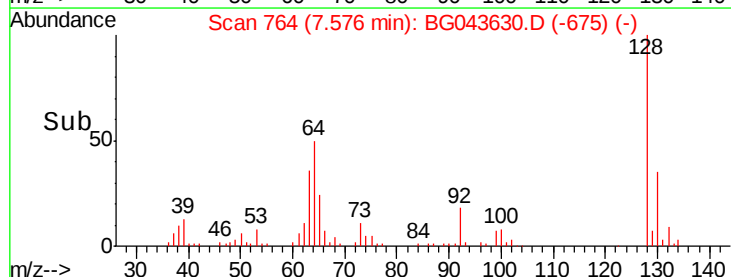
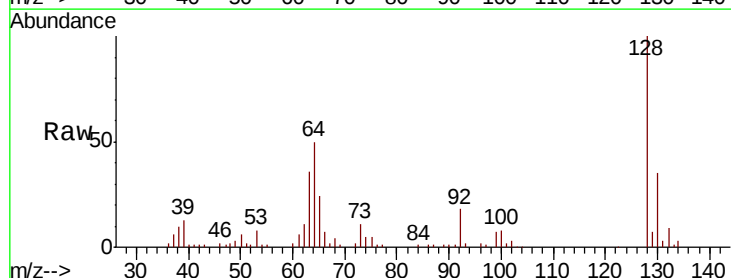
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	128	Resp:	68891
Ion Ratio	Lower	Upper	
128	100		
130	35.4	12.5	52.5
64	49.8	25.3	65.3





#9

Benzaldehyde

Concen: 35.351 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

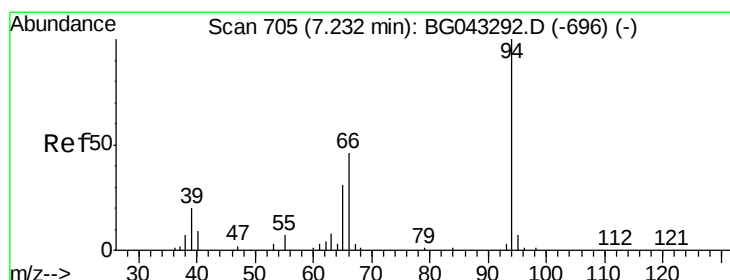
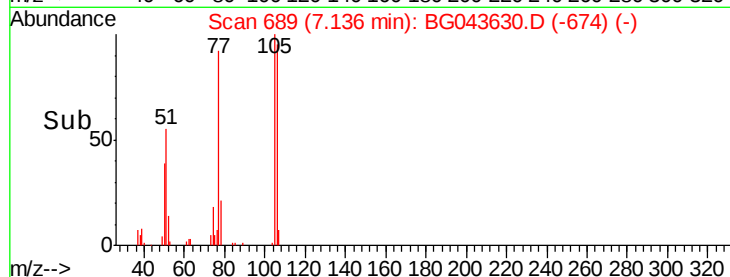
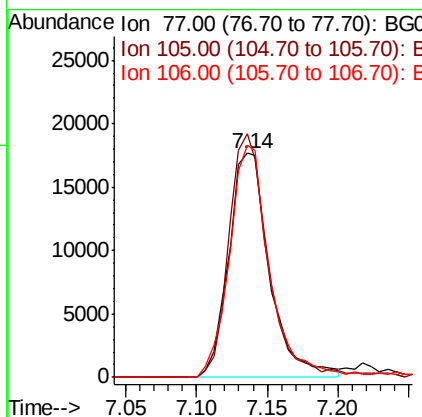
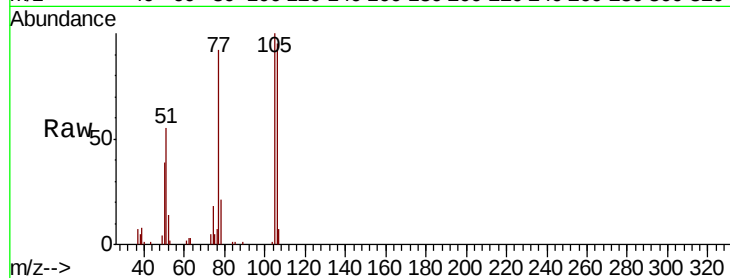
ClientSampleId :

PB124780BS

Tot Ion:	77	Resp:	35751
Ion	Ratio	Lower	Upper
77	100		
105	108.6	68.6	108.6
106	103.3	69.9	109.9

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#10

Phenol

Concen: 45.530 ng

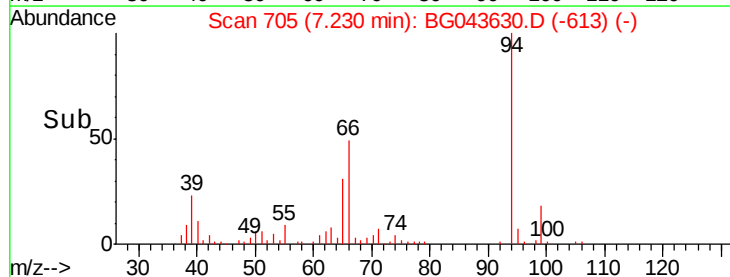
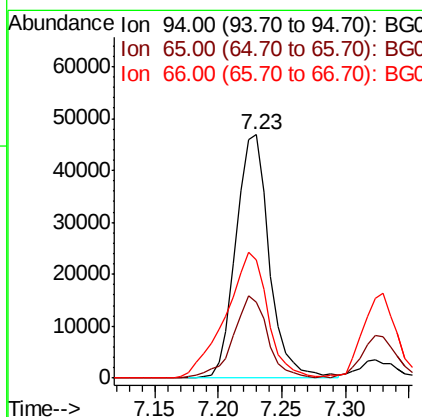
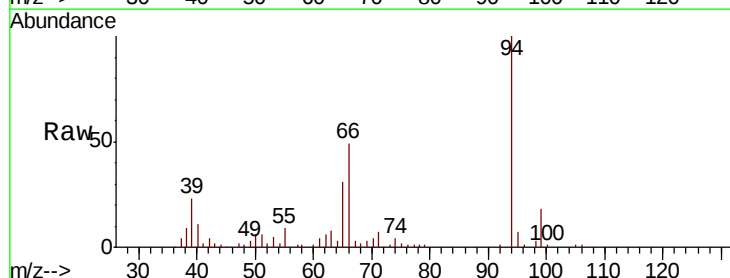
RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	94	Resp:	85615
Ion	Ratio	Lower	Upper
94	100		
65	31.0	12.6	52.6
66	48.7	30.7	70.7





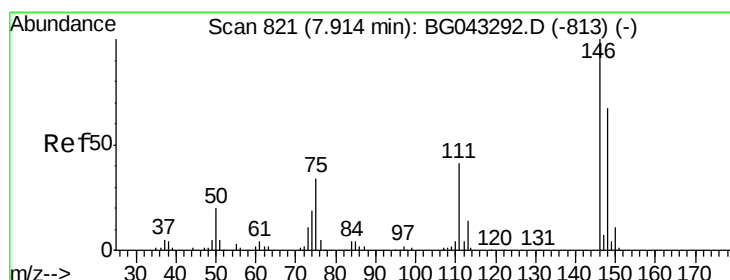
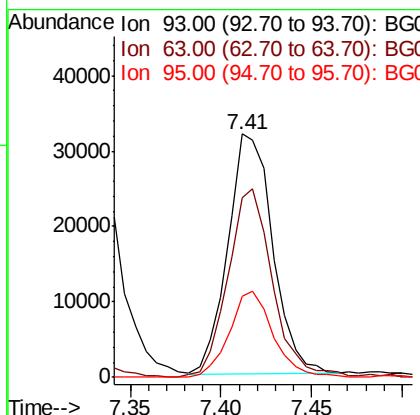
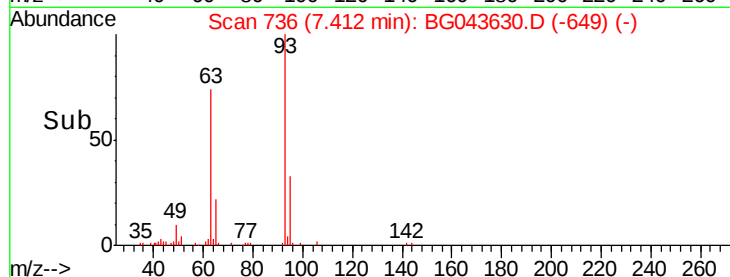
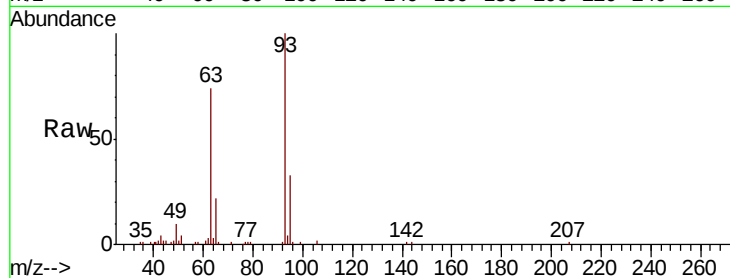
#11
bis(2-Chloroethyl)ether
Concen: 37.700 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion:	93	Resp:	54810
Ion	Ratio	Lower	Upper
93	100		
63	73.9	56.3	96.3
95	33.4	12.2	52.2

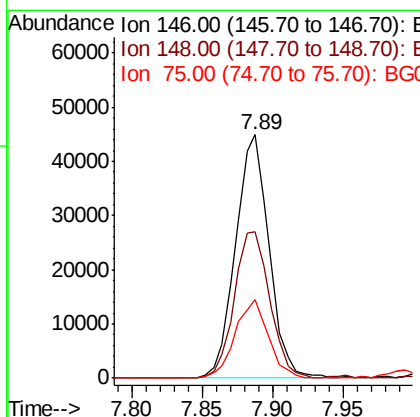
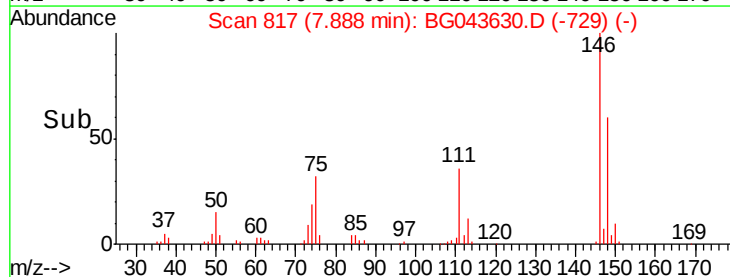
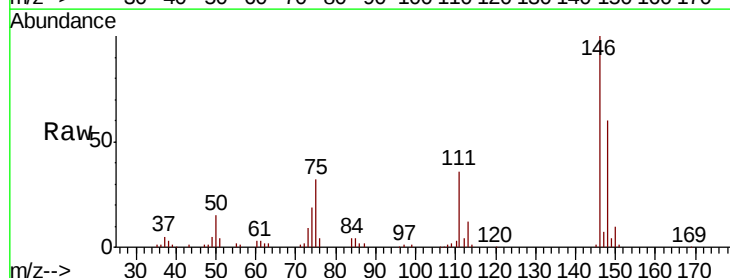
Manual Integrations
APPROVED

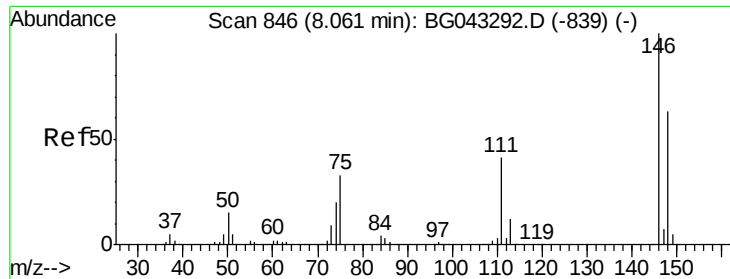
mohammad
11/15/2019 6:00:23 PM



#12
1,3-Dichlorobenzene
Concen: 37.510 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion:	146	Resp:	74202
Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.3	75.5
75	32.2	24.6	37.0





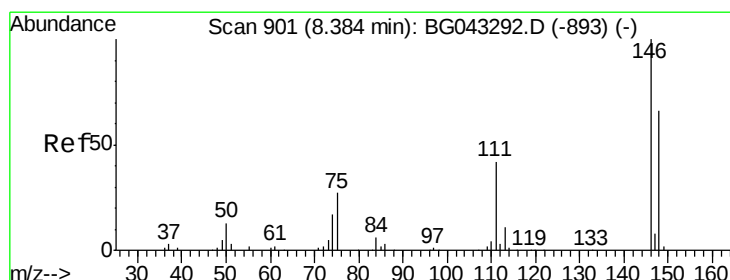
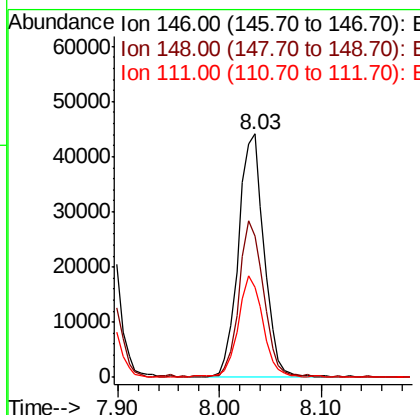
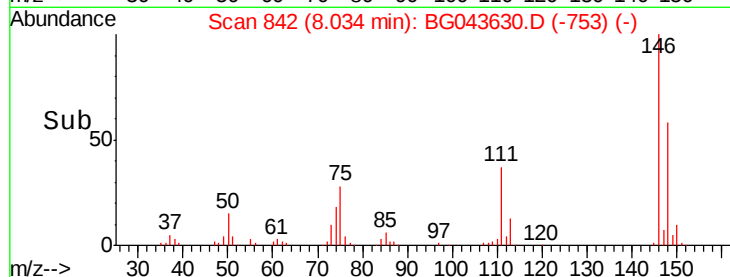
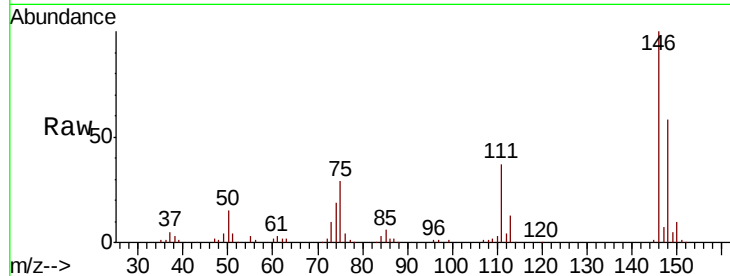
#13
 1,4-Dichlorobenzene
 Concen: 38.761 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.2	50.7	76.1
111	37.0	33.4	50.2

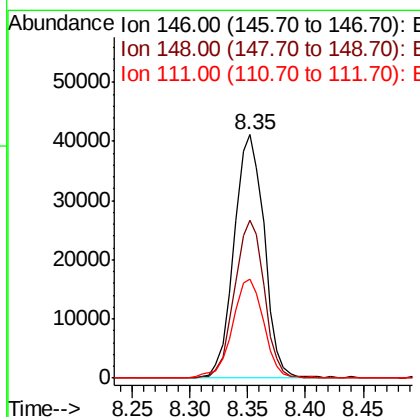
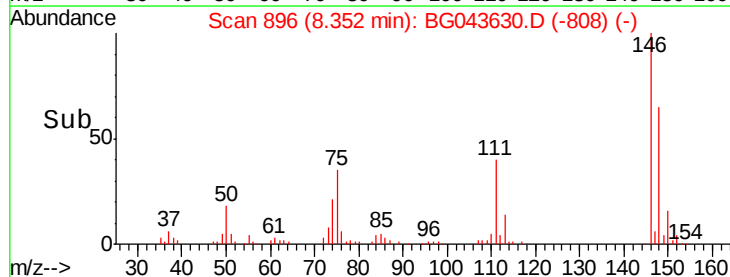
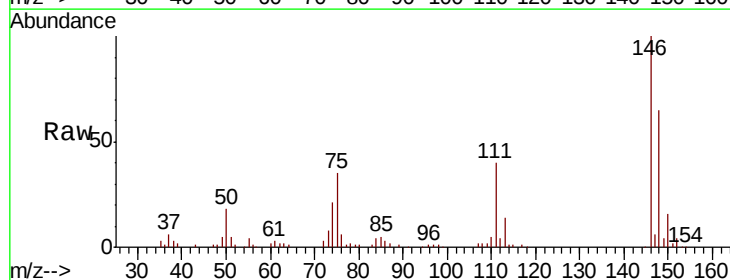
Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.043 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.2	79.8
111	40.4	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.108 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

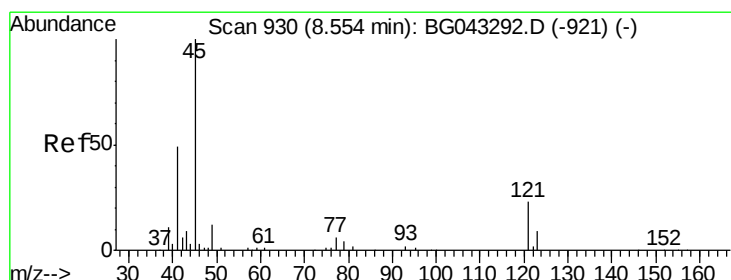
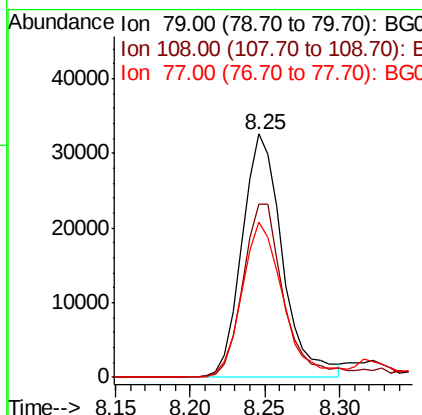
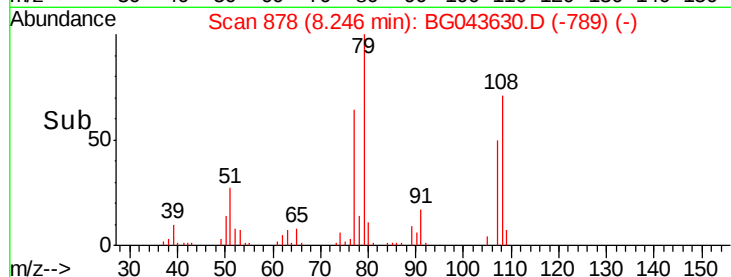
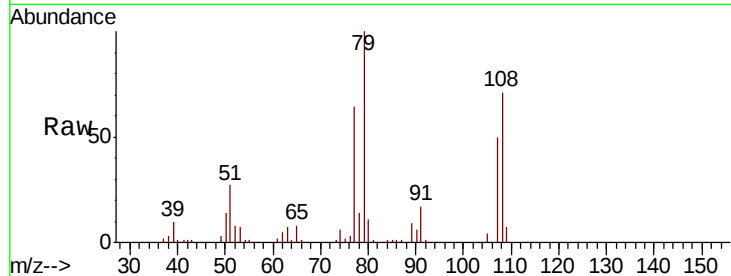
ClientSampleID :

PB124780BS

Tot Ion:	79	Resp:	60855
Ion Ratio	Lower	Upper	
79	100		
108	70.9	53.6	80.4
77	63.8	49.6	74.4

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.183 ng

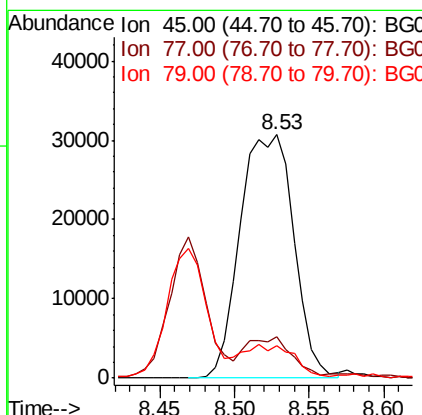
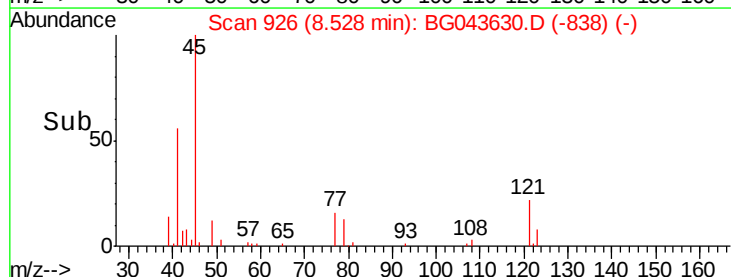
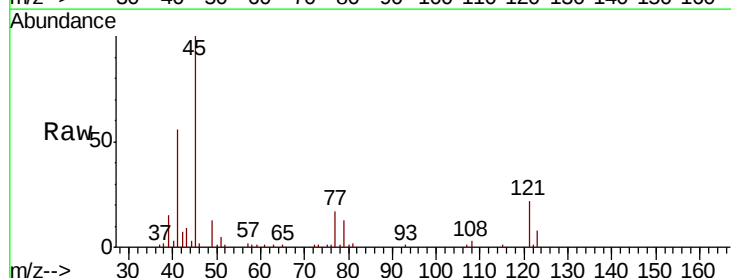
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	45	Resp:	76491
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	34.9
79	13.5	0.0	33.0





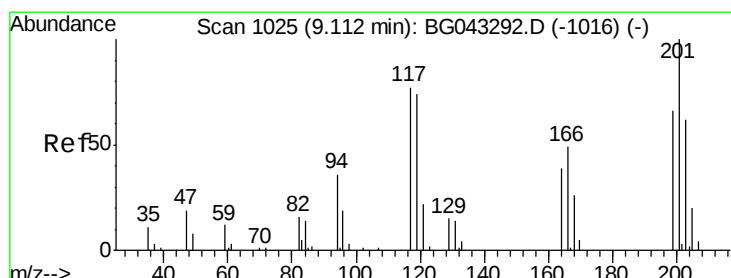
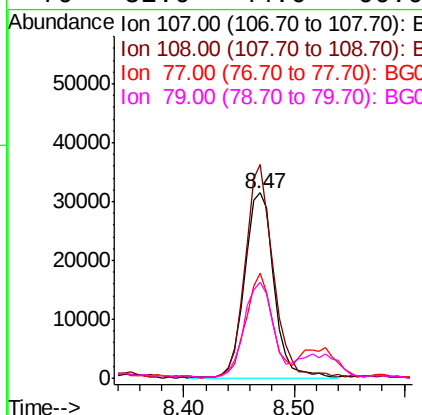
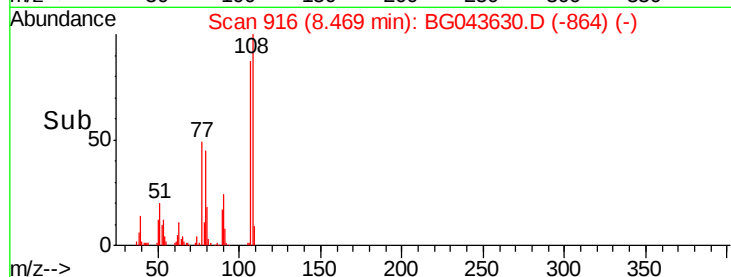
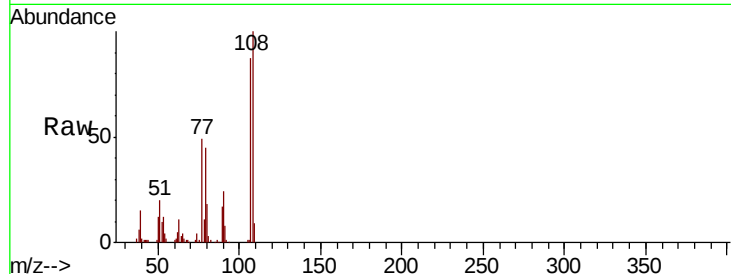
#17
2-Methylphenol
Concen: 43.261 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	90.2	135.4	
77	56.9	40.2	60.2	
79	52.0	44.0	66.0	

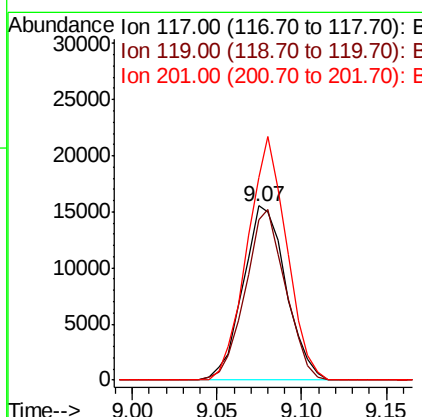
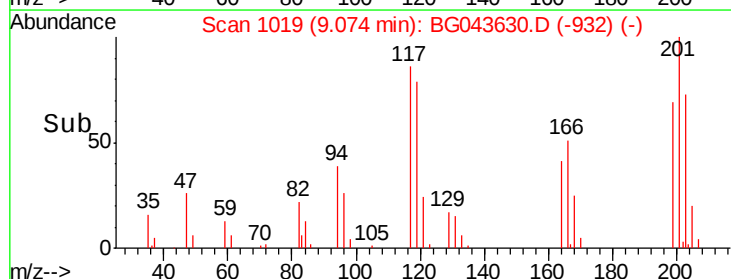
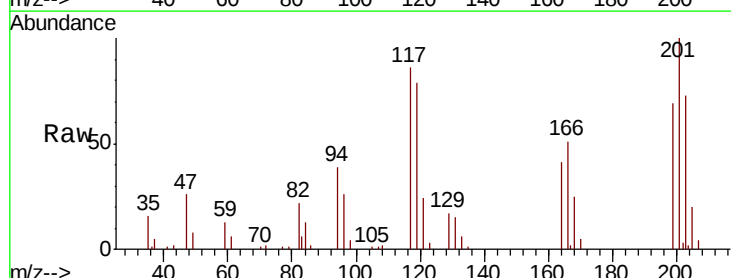
Manual Integrations
APPROVED

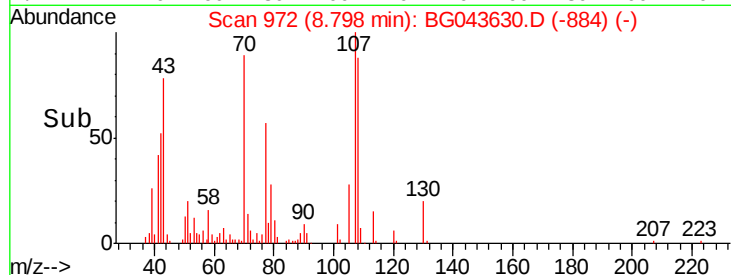
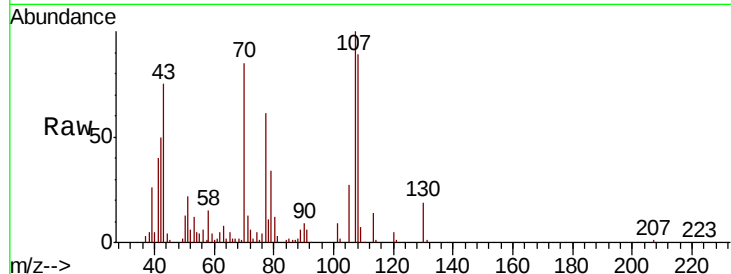
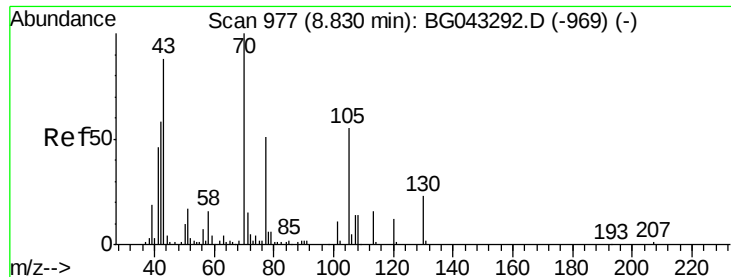
mohammad
11/15/2019 6:00:23 PM



#18
Hexachloroethane
Concen: 37.886 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.7	79.0	118.4	
201	116.3	105.4	158.2	





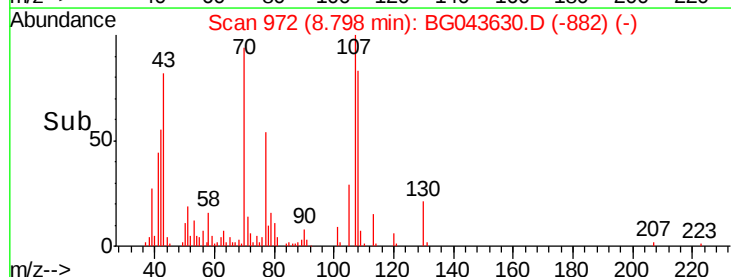
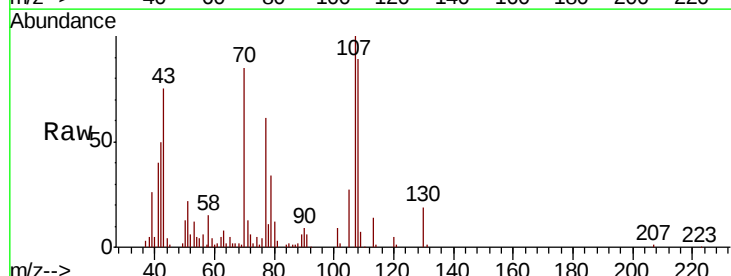
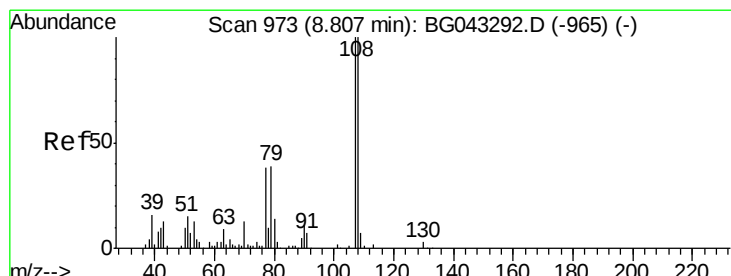
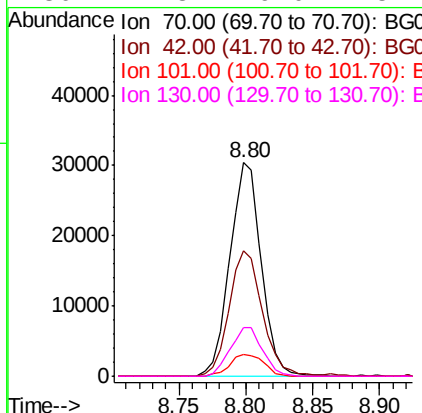
#19
n-Nitroso-di-n-propylamine
Concen: 37.547 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		49927		
42	58.9	41.4	62.2		
101	10.0	7.9	11.9		
130	22.8	19.0	28.4		

Instrument :
BNA_G
ClientSampleId :
PB124780BS

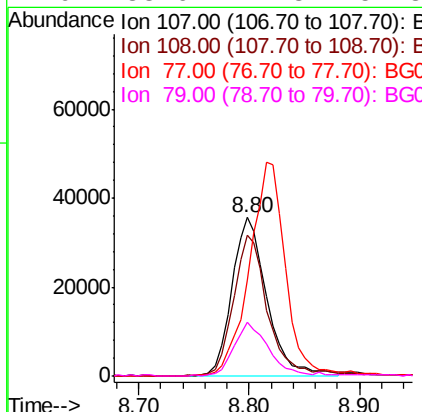
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#20
3+4-Methylphenols
Concen: 42.188 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		79303		
108	89.3	66.6	106.6		
77	61.0	20.9	60.9		
79	33.6	11.3	51.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

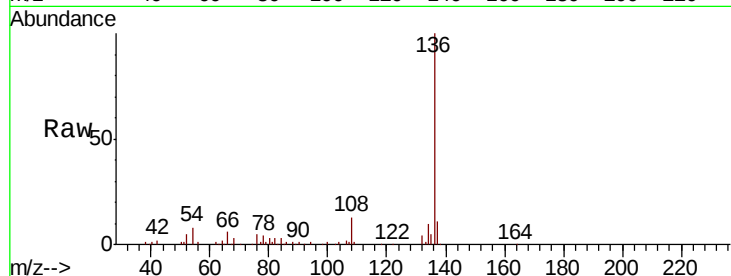
ClientSampleId :

PB124780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		107375		
137	10.9		8.7	13.1	
54	7.7		5.4	8.2	
68	3.5		3.0	4.4	

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



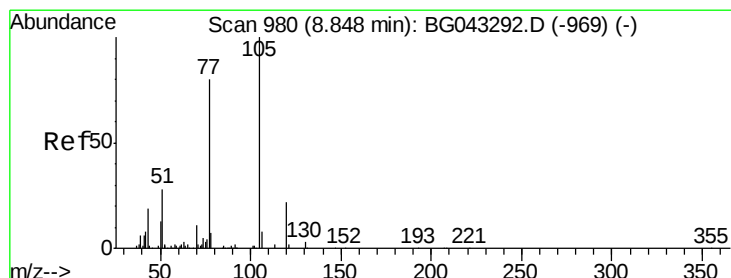
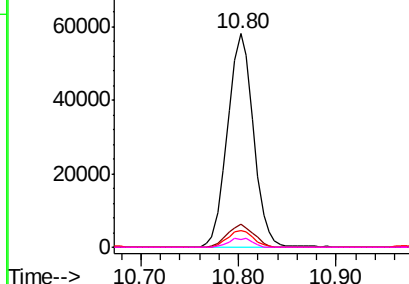
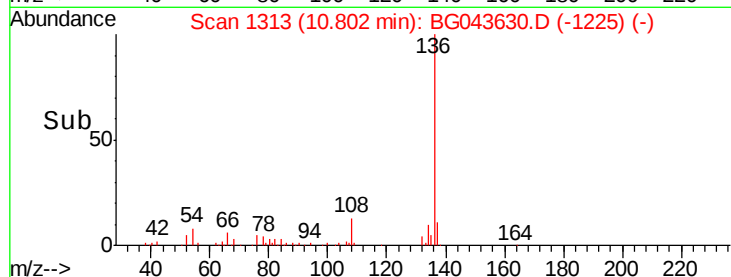
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.824 ng

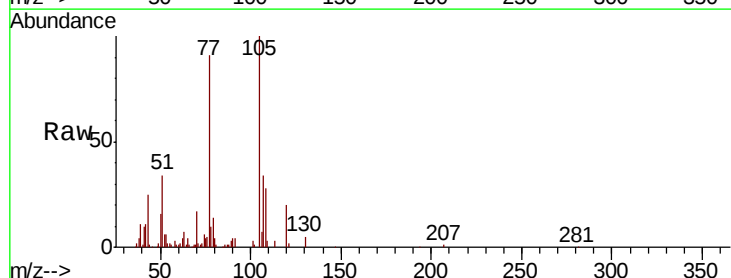
RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		101256		
71	2.1		0.8	1.2#	
51	33.8		21.0	31.4#	
120	19.7		18.0	27.0	



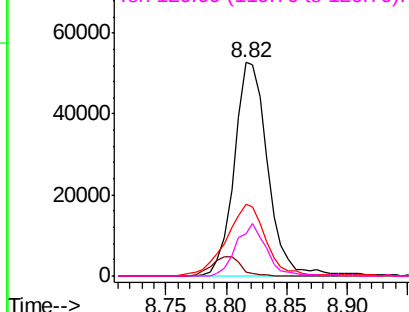
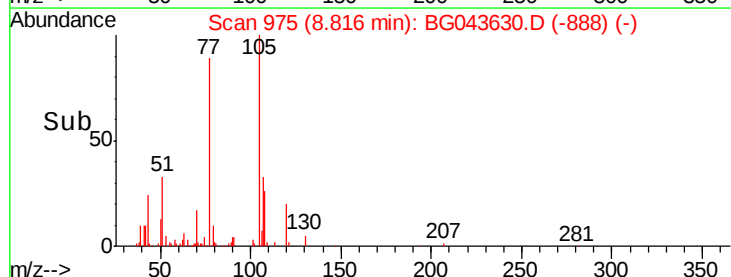
Abundance

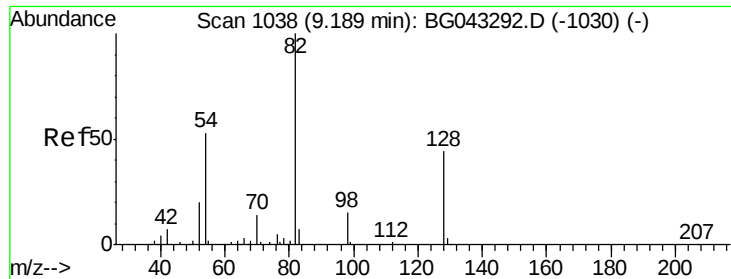
Ion 105.00 (104.70 to 105.70): E

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





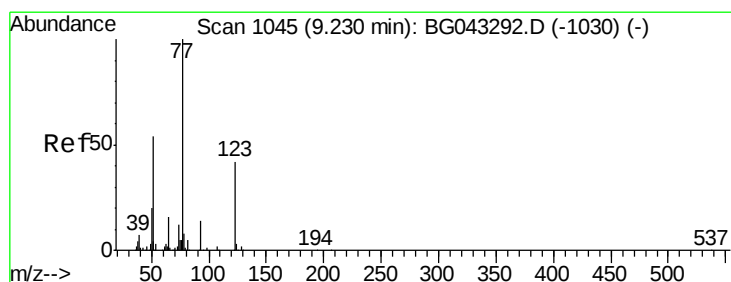
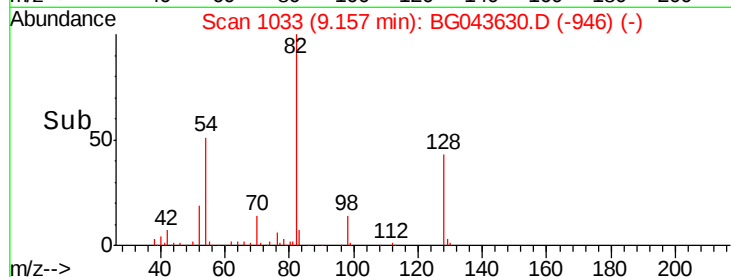
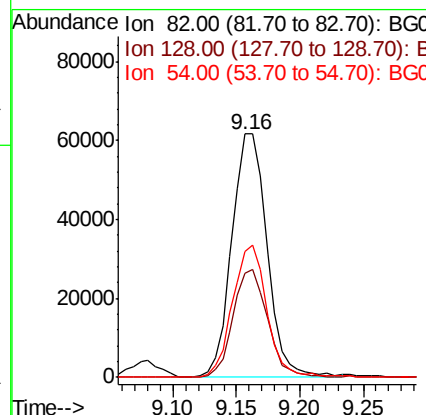
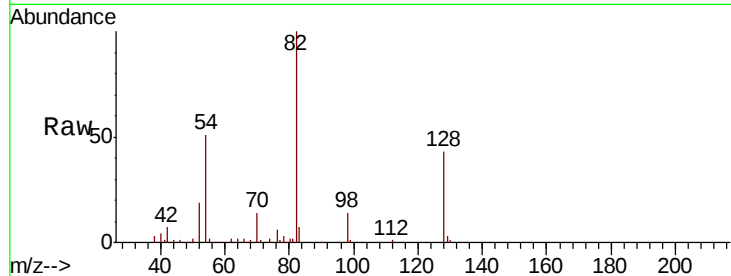
#23
Nitrobenzene-d5
Concen: 57.186 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.6
54	51.5	40.2	60.2

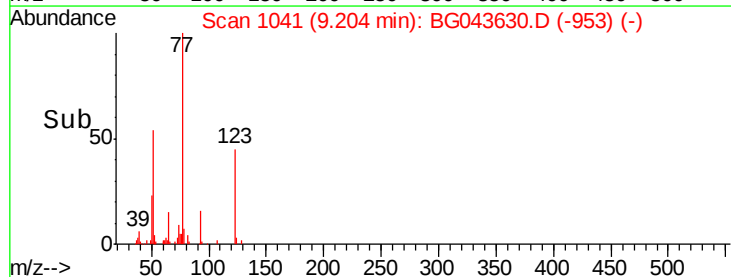
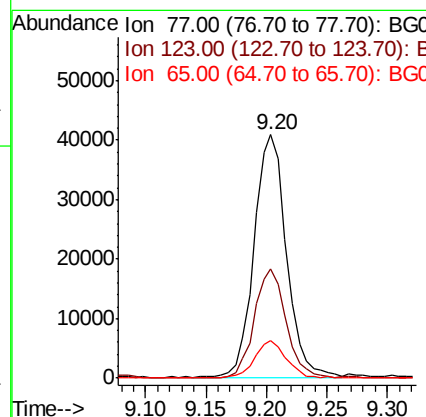
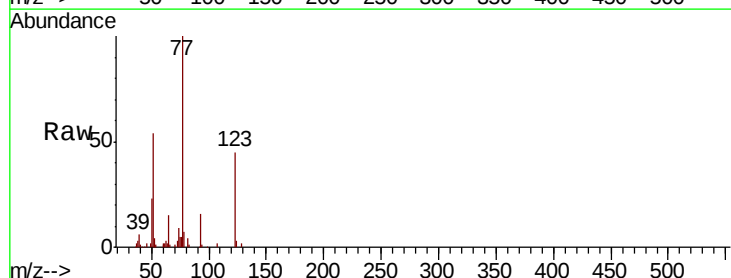
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#24
Nitrobenzene
Concen: 38.726 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.0	52.6
65	15.3	9.5	14.3#





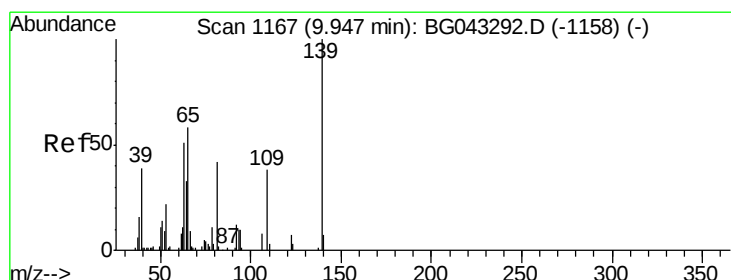
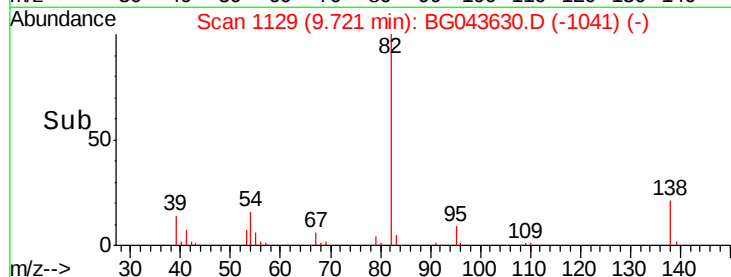
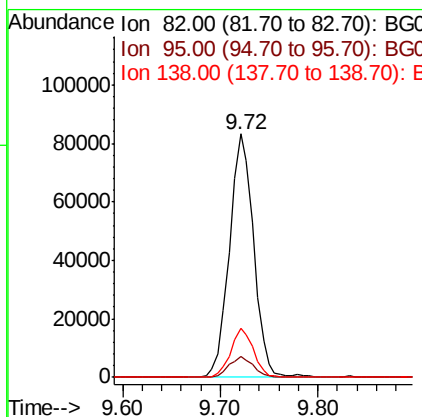
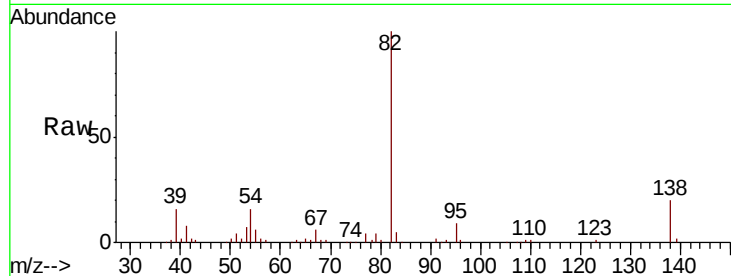
#25
Isophorone
Concen: 37.714 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.6	9.8
138	20.2	15.2	22.8

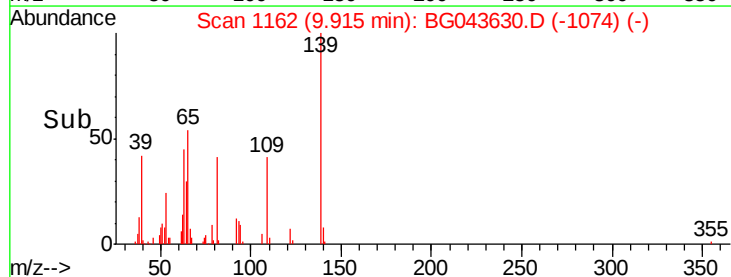
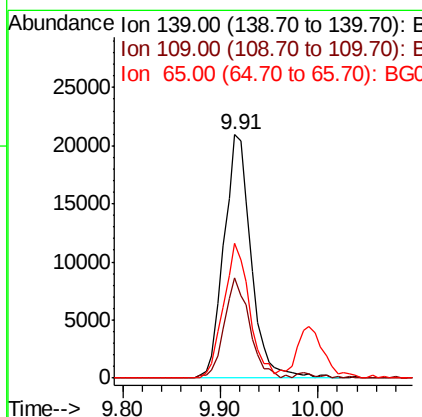
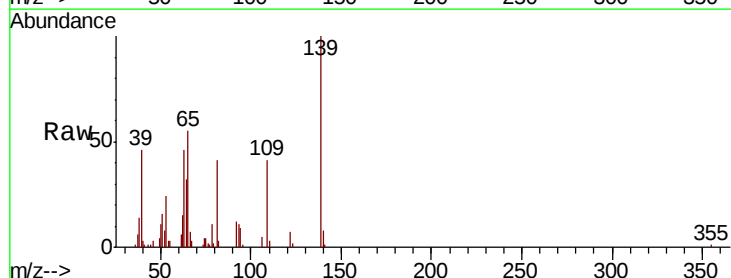
Manual Integrations
APPROVED

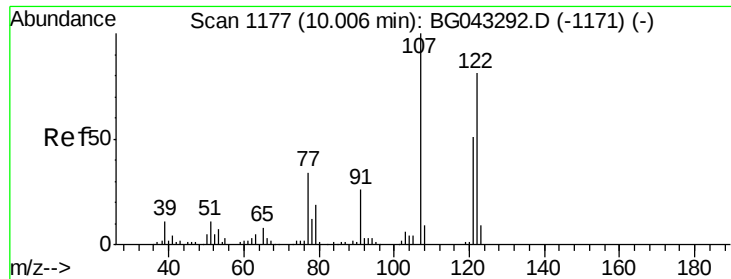
mohammad
11/15/2019 6:00:23 PM



#26
2-Nitrophenol
Concen: 42.172 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.1	26.5	39.7#
65	55.5	43.8	65.8





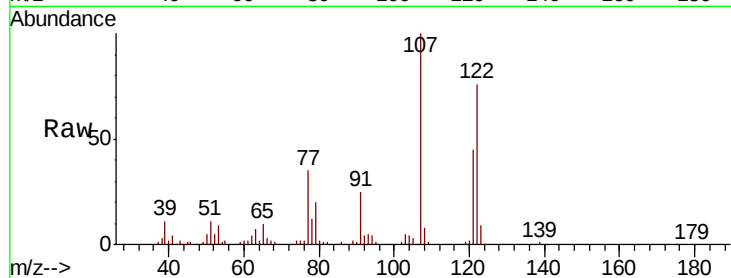
#27
2,4-Dimethylphenol
Concen: 47.526 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	130.8	104.4	156.6		
121	58.7	47.2	70.8		

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



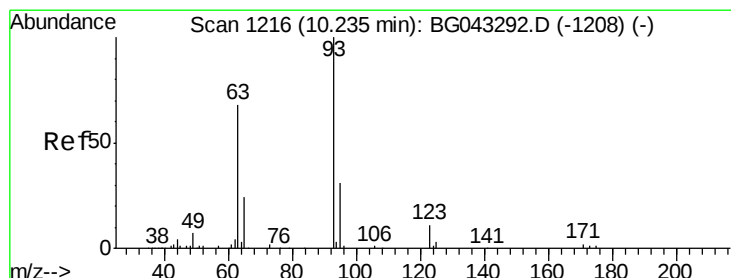
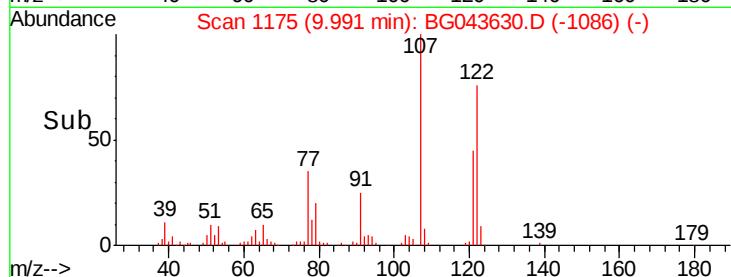
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

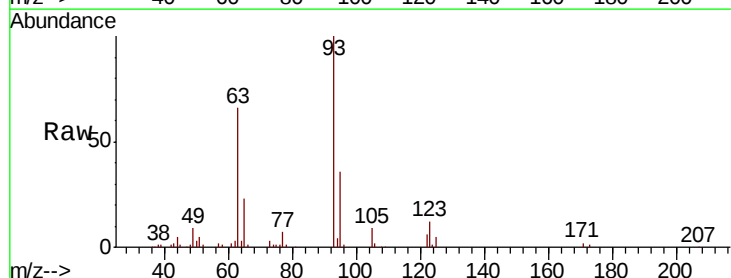
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 35.965 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	36.1	26.0	39.0		
123	11.9	10.6	15.8		



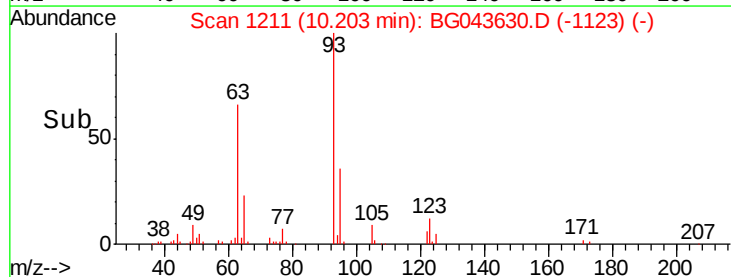
Abundance

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

Time-->





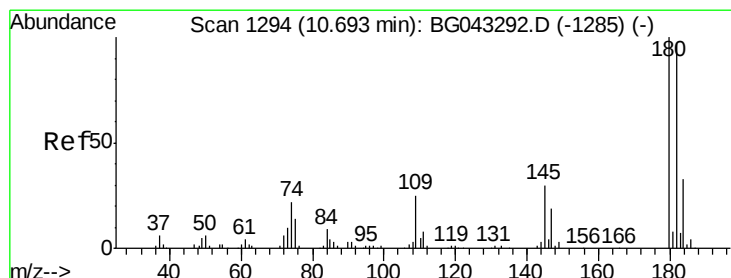
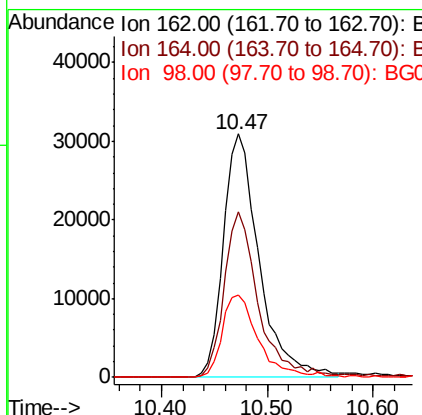
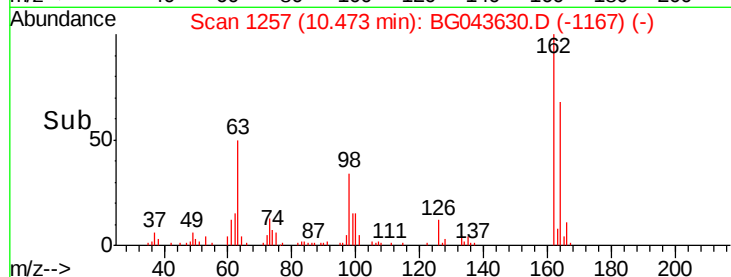
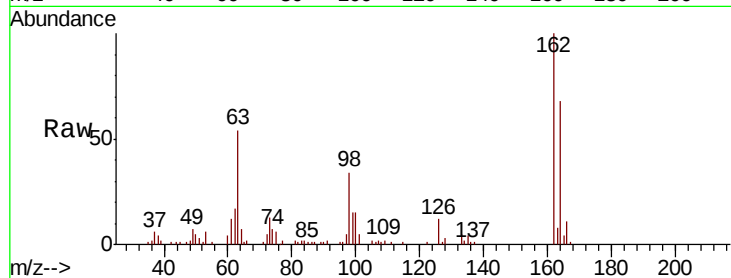
#29
2,4-Dichlorophenol
Concen: 41.220 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion:	162	Resp:	72508
Ion Ratio	Lower	Upper	
162	100		
164	68.1	48.9	88.9
98	34.1	15.1	55.1

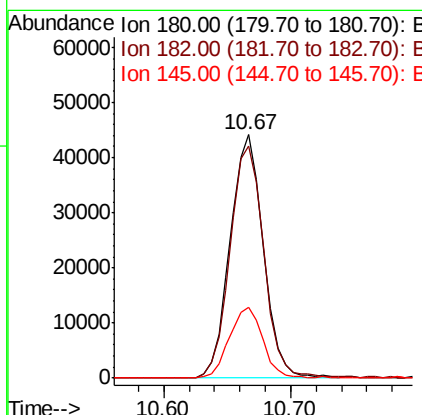
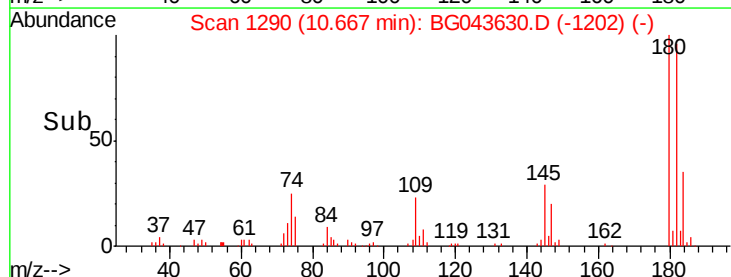
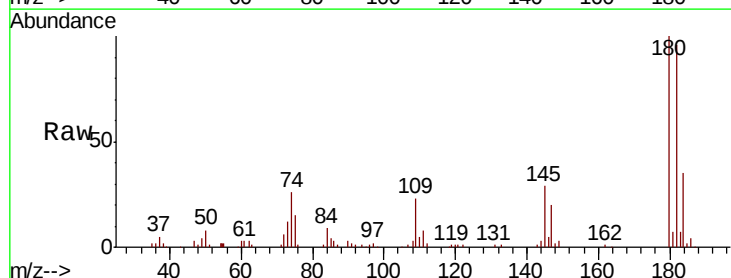
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.997 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion:	180	Resp:	79806
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.1	112.7
145	29.0	23.9	35.9





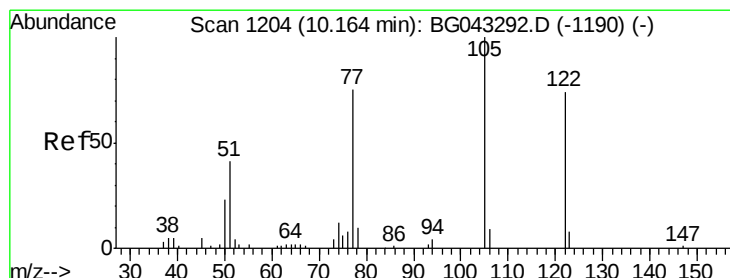
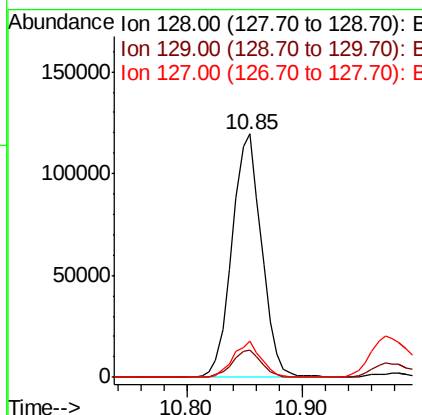
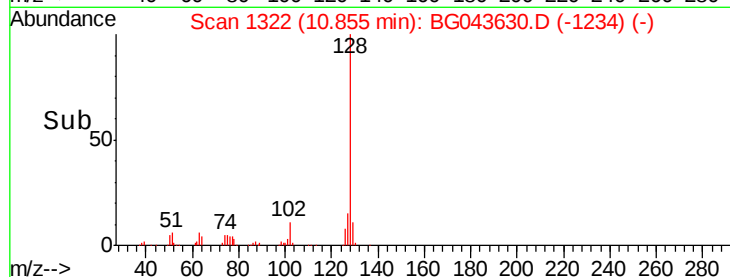
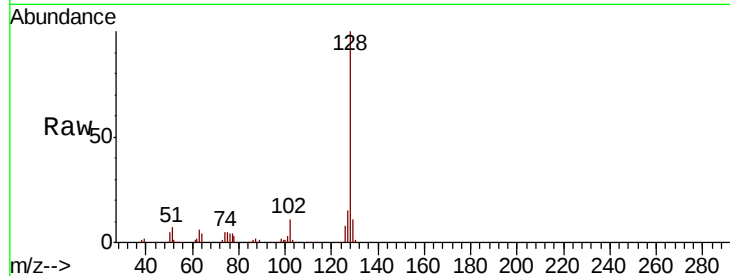
#31
Naphthalene
Concen: 38.970 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.9	11.1	16.7

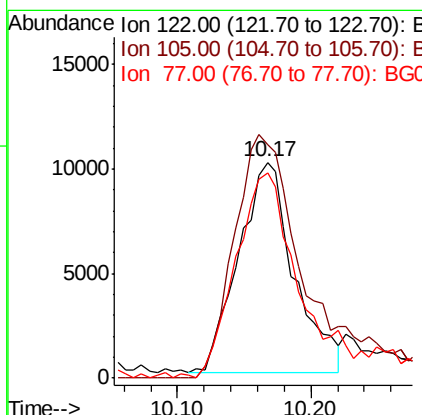
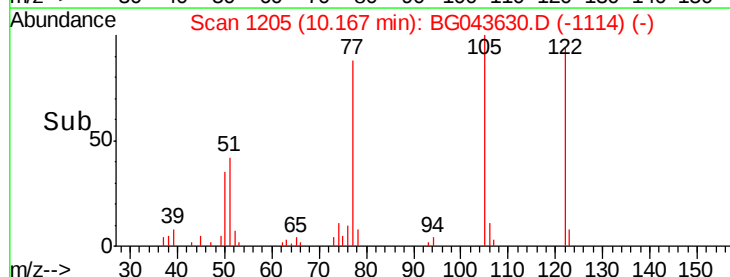
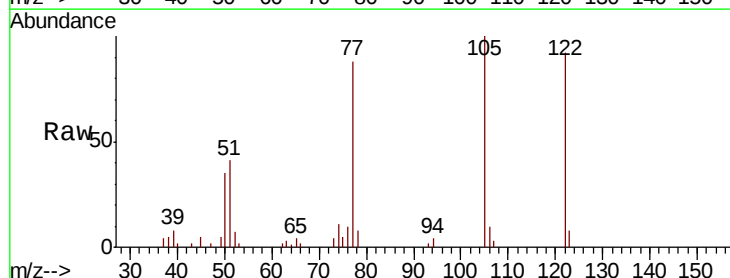
Manual Integrations
APPROVED

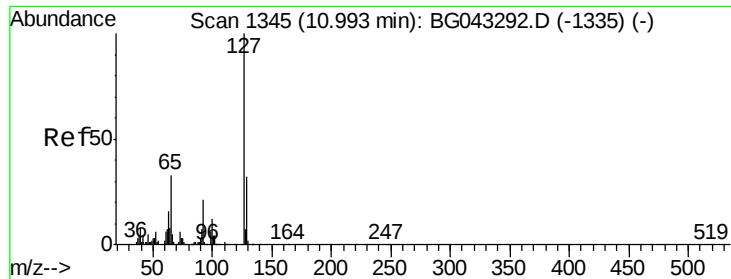
mohammad
11/15/2019 6:00:23 PM



#32
Benzoic acid
Concen: 31.634 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.3	103.3	143.3
77	95.3	84.9	124.9





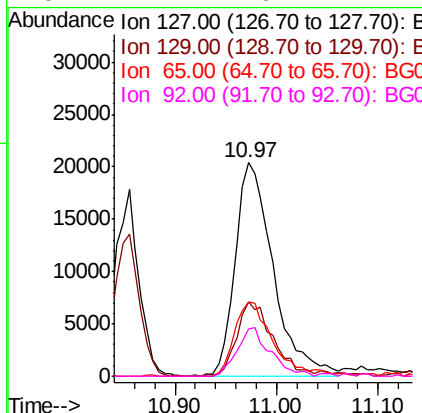
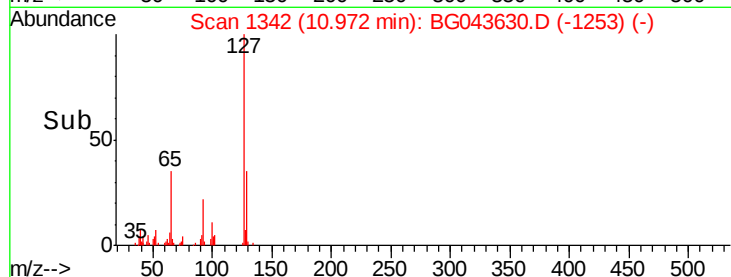
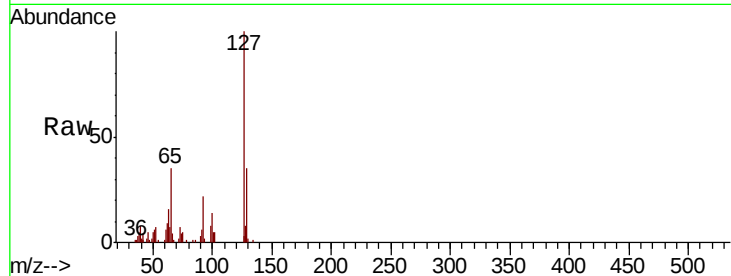
#33
4-Chloroaniline
Concen: 23.860 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.9	26.5	39.7		
65	34.9	26.4	39.6		
92	22.4	16.2	24.2		

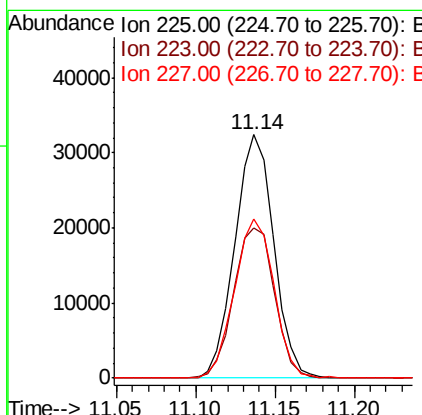
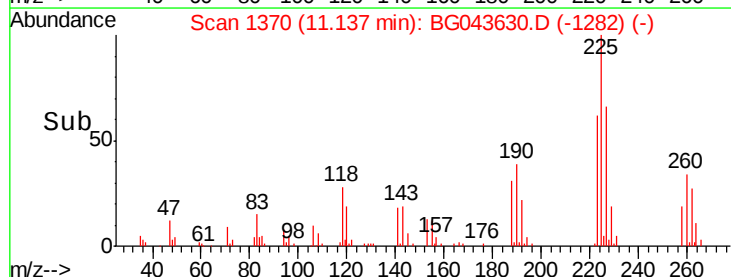
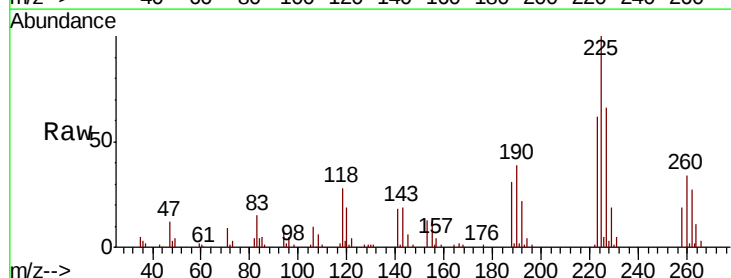
Manual Integrations
APPROVED

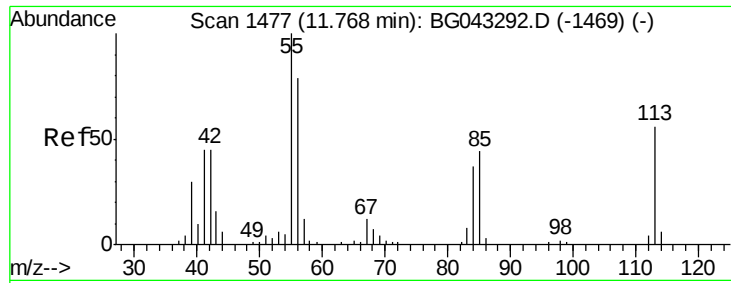
mohammad
11/15/2019 6:00:23 PM



#34
Hexachlorobutadiene
Concen: 33.705 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	52.7	79.1		
227	65.6	54.8	82.2		





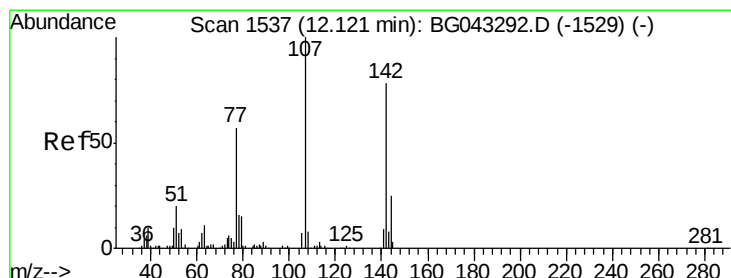
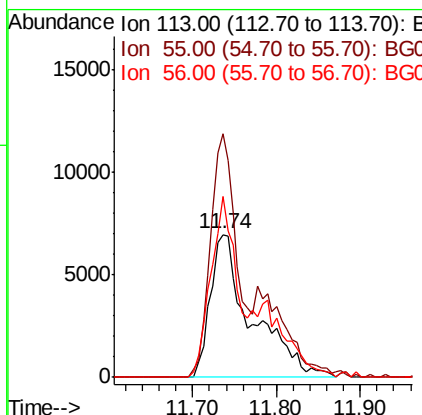
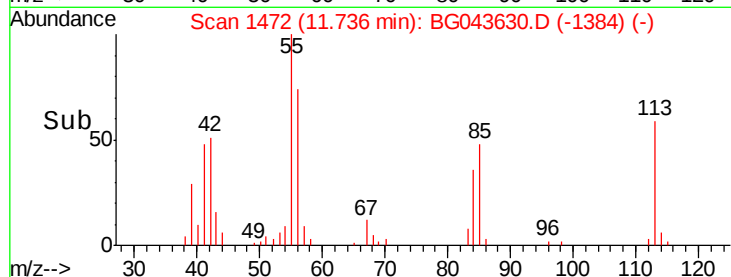
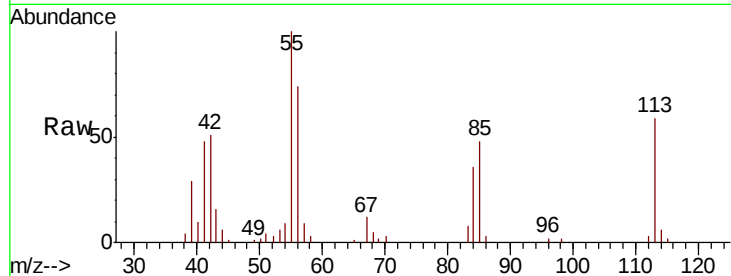
#35
Caprolactam
Concen: 39.363 ng/ml
RT: 11.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion:113 Resp: 23847
Ion Ratio Lower Upper
113 100
55 170.8 134.1 174.1
56 126.9 100.4 140.4

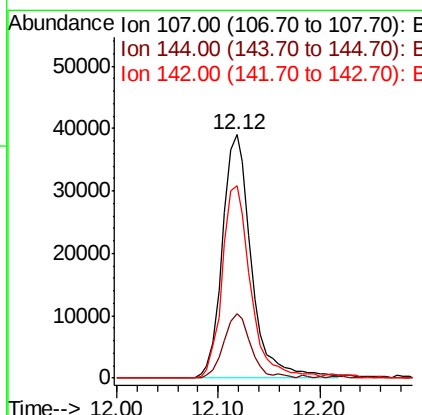
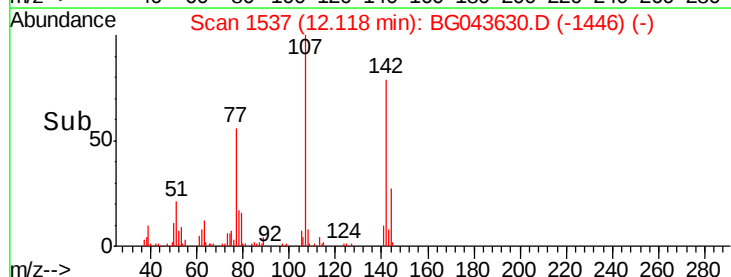
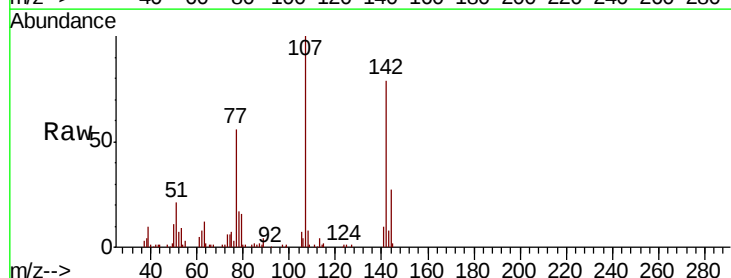
Manual Integrations
APPROVED

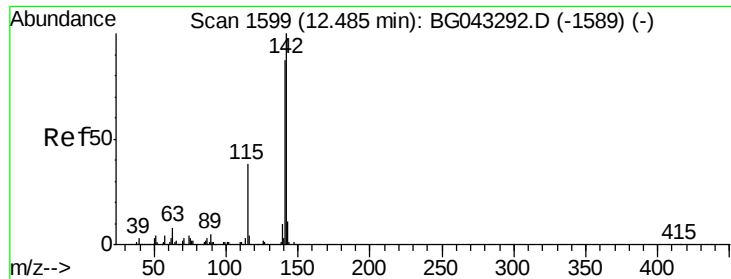
mohammad
11/15/2019 6:00:23 PM



#36
4-Chloro-3-methylphenol
Concen: 40.489 ng
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion:107 Resp: 77687
Ion Ratio Lower Upper
107 100
144 26.5 20.9 31.3
142 79.1 59.6 89.4





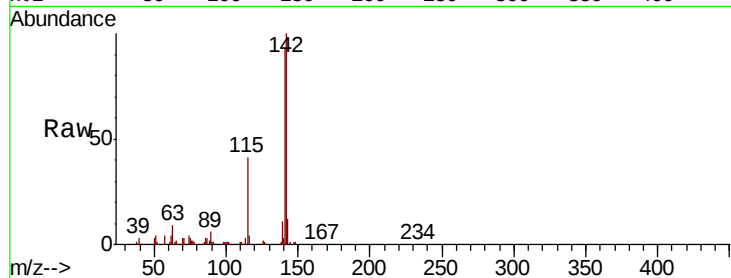
#37
2-Methylnaphthalene
Concen: 38.669 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.2	108.2
115	40.7	33.2	49.8

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM

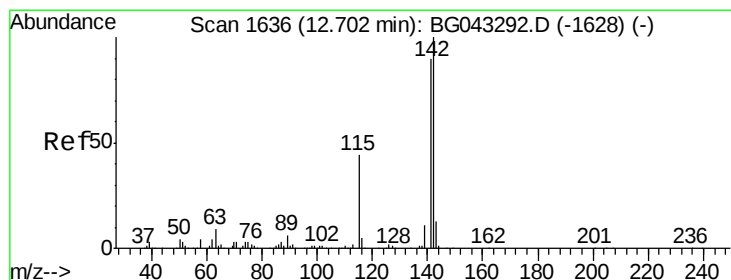
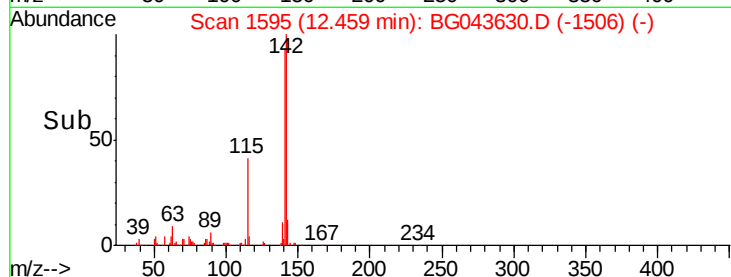
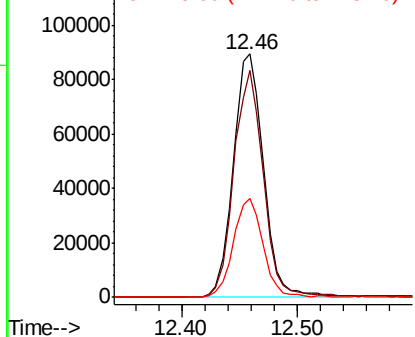


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.695 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

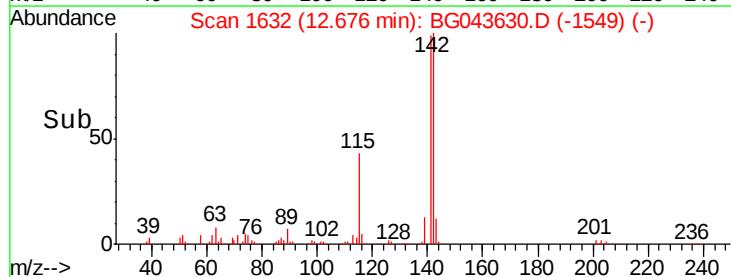
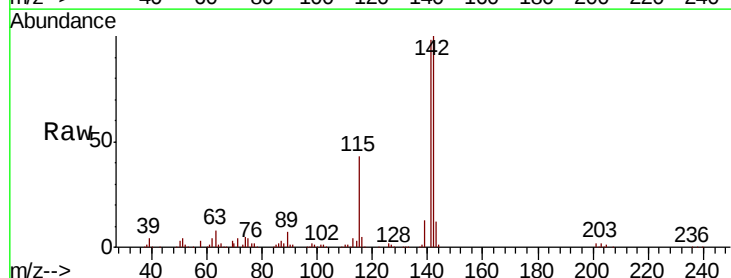
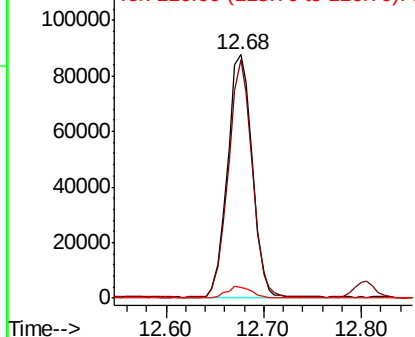
Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.8	73.2	109.8
116	4.6	3.6	5.4

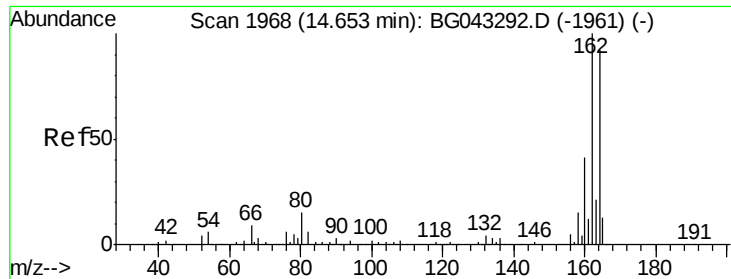
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





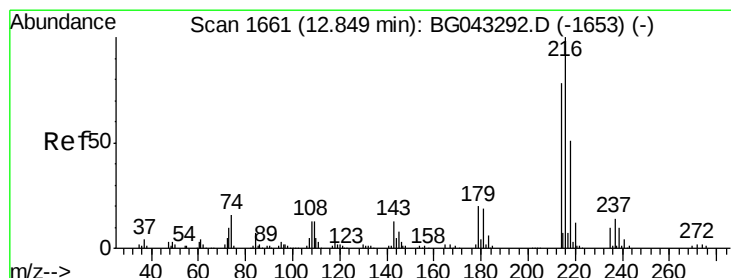
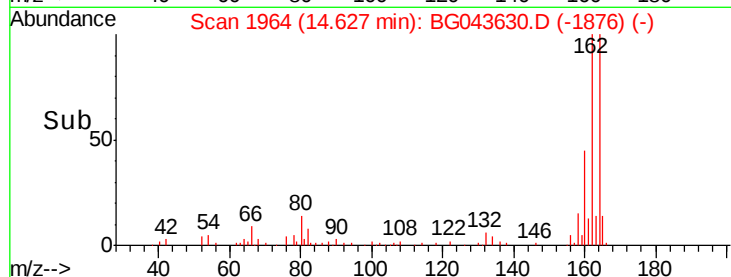
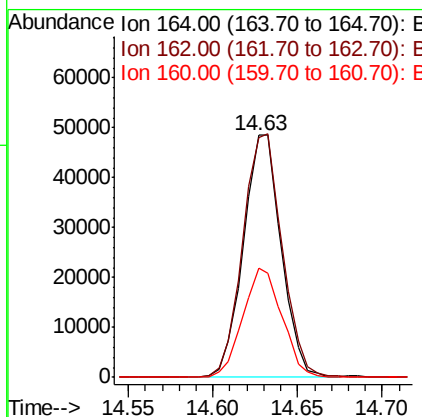
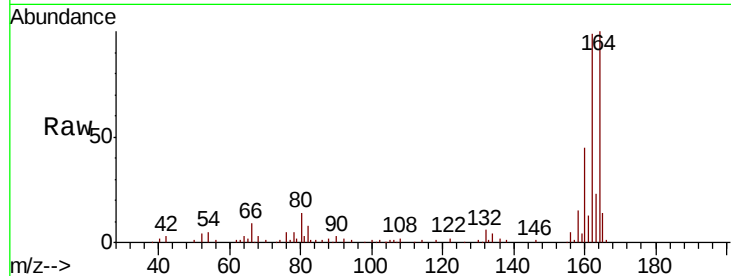
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	83.5	125.3
160	45.1	36.5	54.7

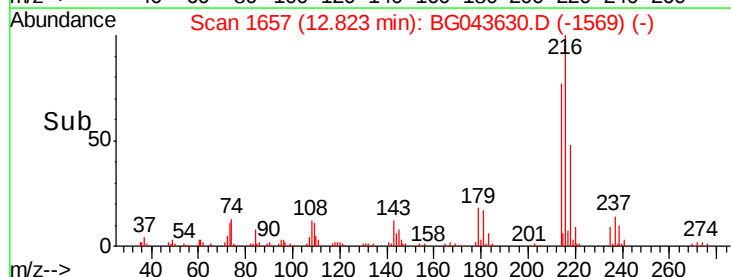
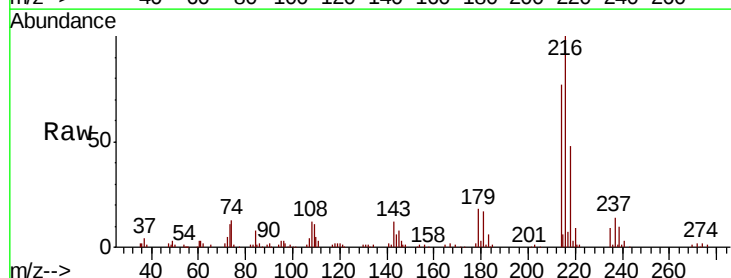
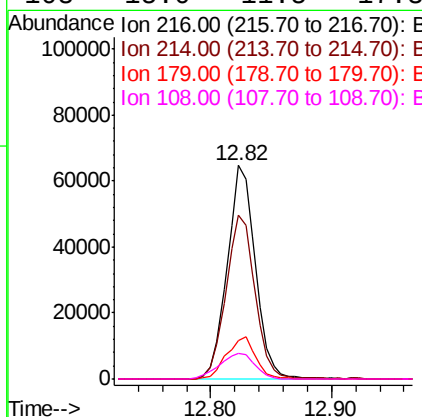
Manual Integrations
APPROVED

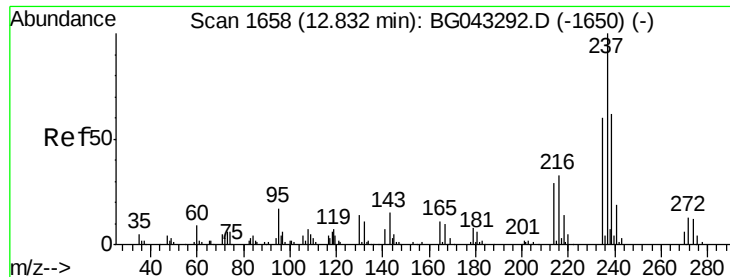
mohammad
11/15/2019 6:00:23 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.486 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.7	92.5
179	20.2	15.8	23.8
108	15.0	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 59.291 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

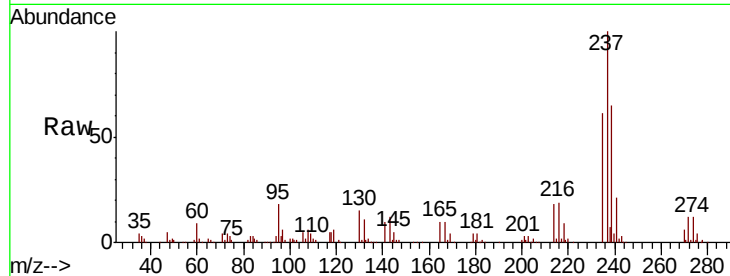
ClientSampleId :

PB124780BS

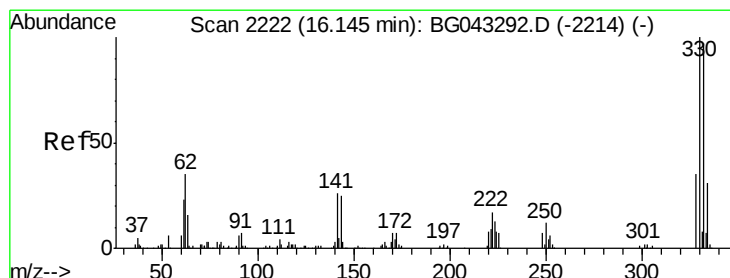
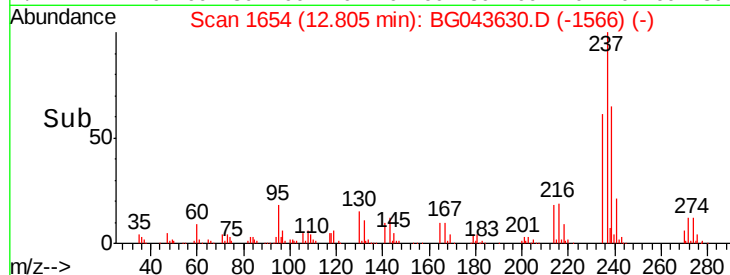
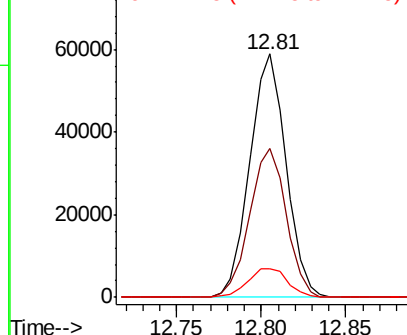
Tot Ion:	237	Resp:	87381
Ion Ratio	Lower	Upper	
237	100		
235	61.2	41.6	81.6
272	11.7	0.0	32.5

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



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



#42

2,4,6-Tribromophenol

Concen: 104.642 ng

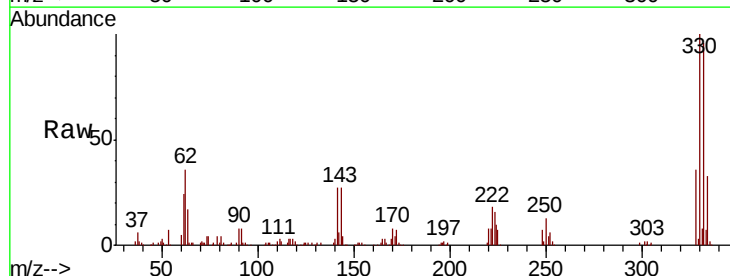
RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

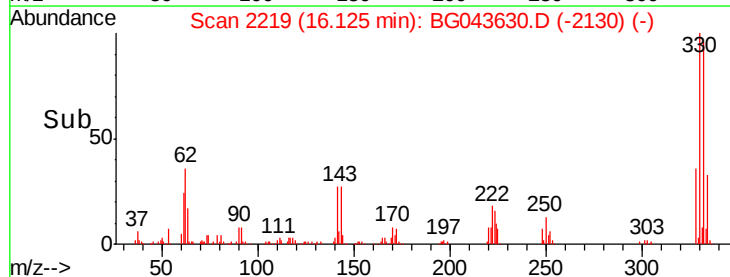
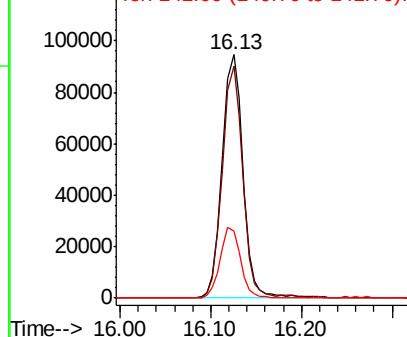
Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	330	Resp:	150960
Ion Ratio	Lower	Upper	
330	100		
332	92.6	77.4	116.0
141	28.5	22.8	34.2



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





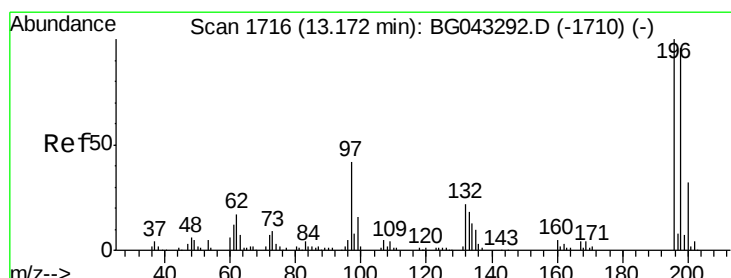
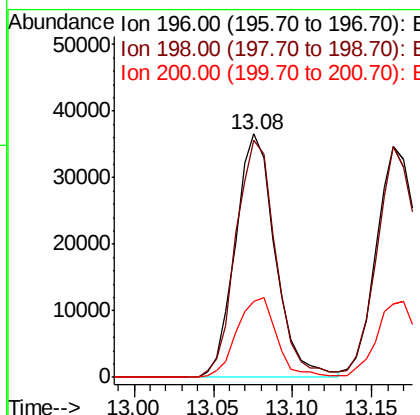
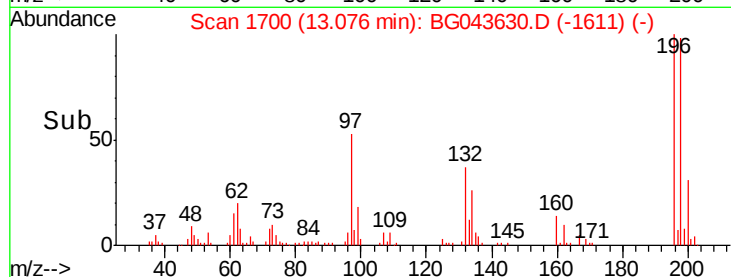
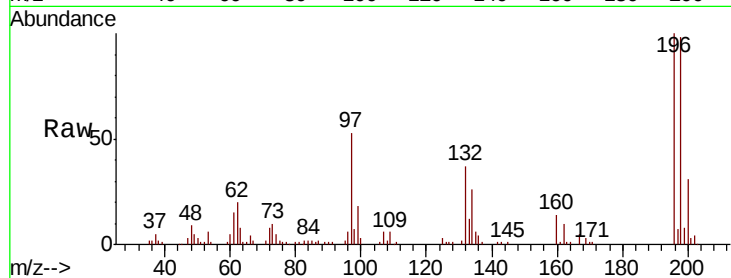
#43
 2,4,6-Trichlorophenol
 Concen: 38.685 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Instrument :
 BNA_G
 ClientSampled :
 PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63916		
198	97.6	75.8	113.6	
200	31.1	23.9	35.9	

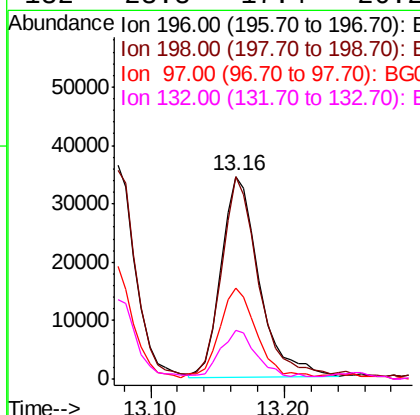
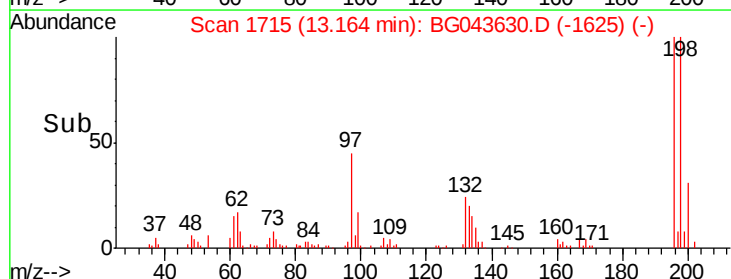
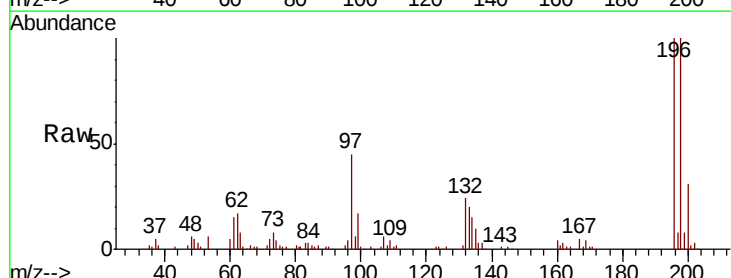
Manual Integrations
 APPROVED

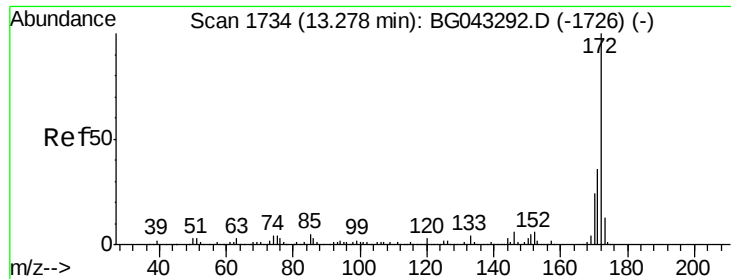
mohammad
 11/15/2019 6:00:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.751 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68068		
198	99.7	74.5	111.7	
97	44.6	36.3	54.5	
132	23.8	17.4	26.2	





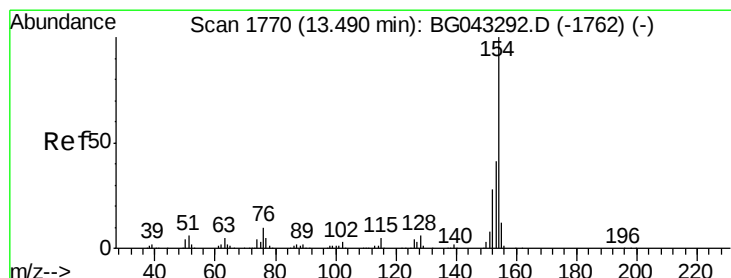
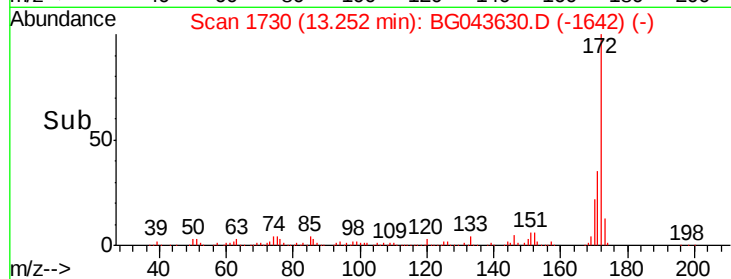
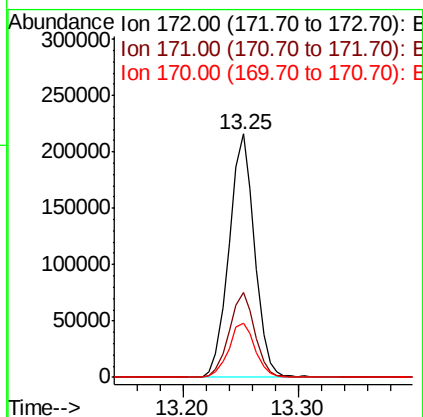
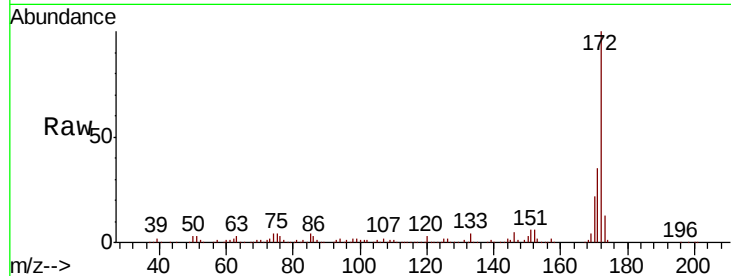
#45
2-Fluorobiphenyl
Concen: 60.212 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	330333		
171	34.7		28.9	43.3
170	22.1		18.5	27.7

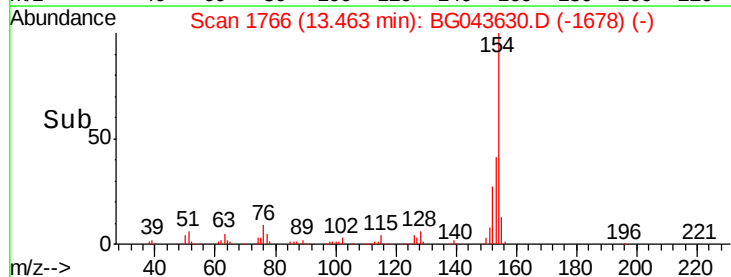
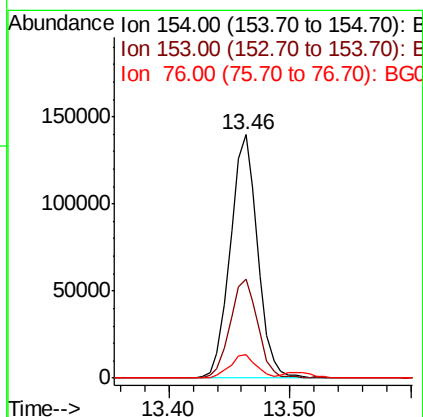
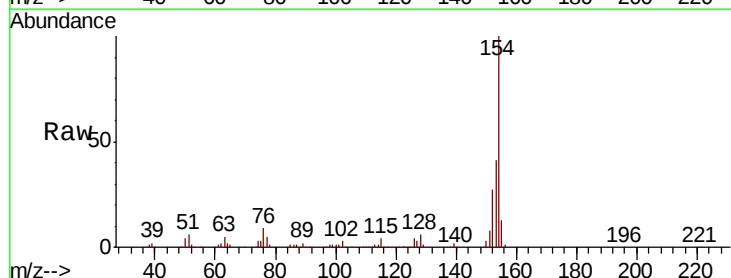
Manual Integrations
APPROVED

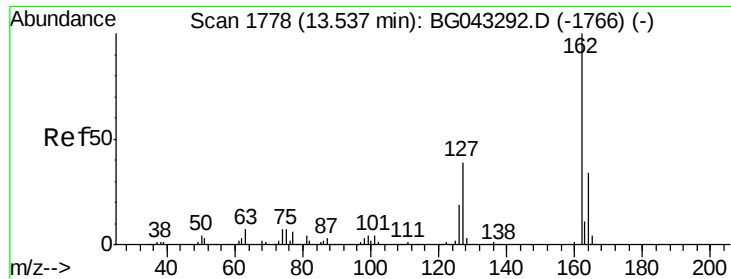
mohammad
11/15/2019 6:00:23 PM



#46
1,1'-Biphenyl
Concen: 38.225 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	220447		
153	40.9		19.9	59.9
76	9.4		0.0	29.4





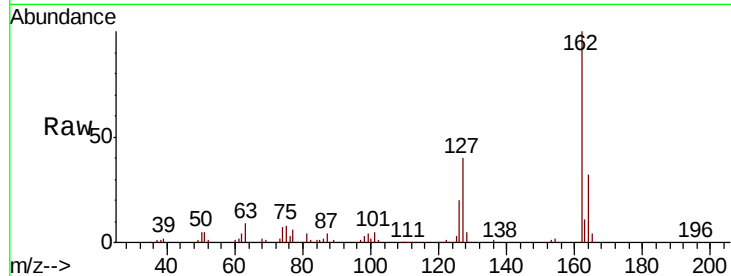
#47
2-Chloronaphthalene
Concen: 38.343 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	168249		
127	39.6	31.2	46.8	
164	31.9	25.8	38.8	

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM

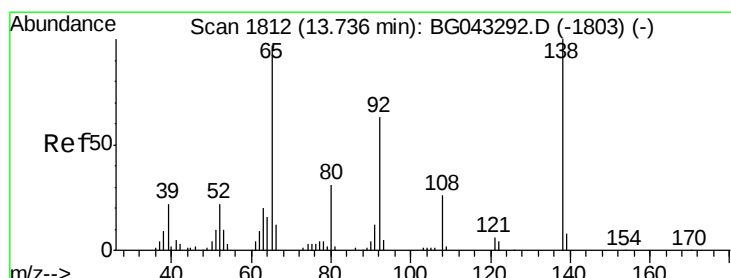
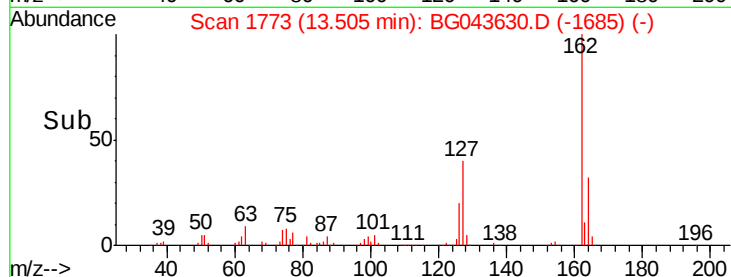
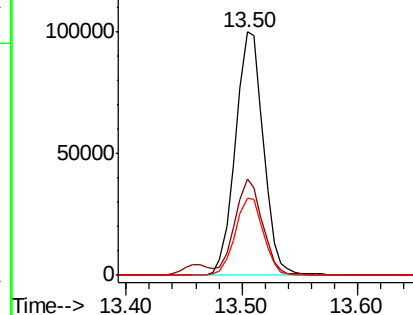


Abundance

Ion 162.00 (161.70 to 162.70): E

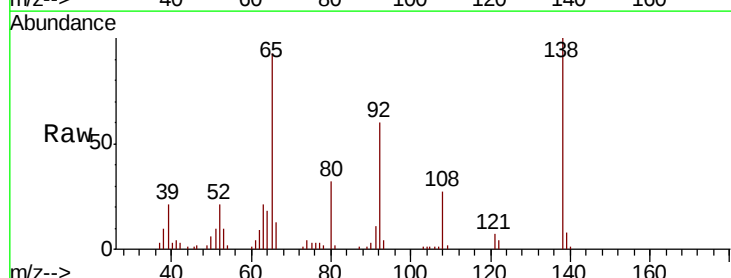
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.067 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	51236		
92	65.2	56.2	84.2	
138	107.8	82.6	123.8	

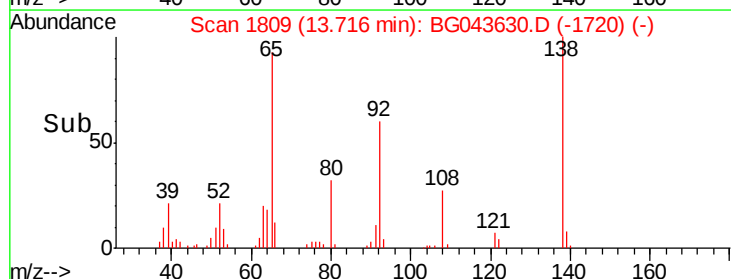
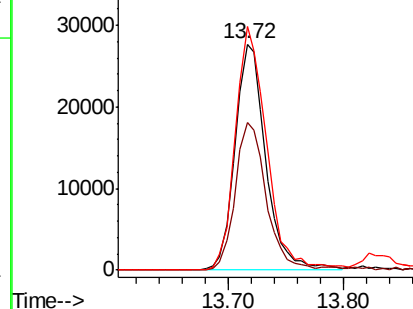


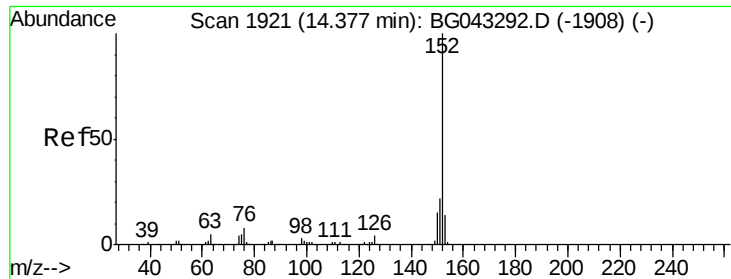
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.785 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

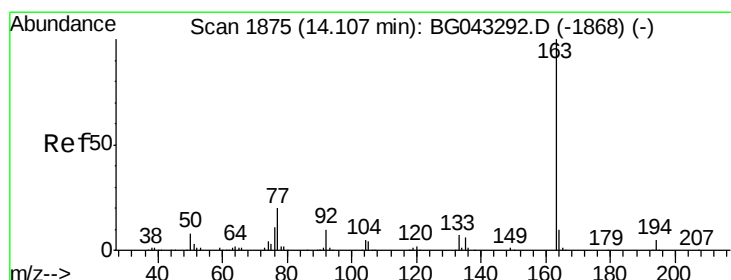
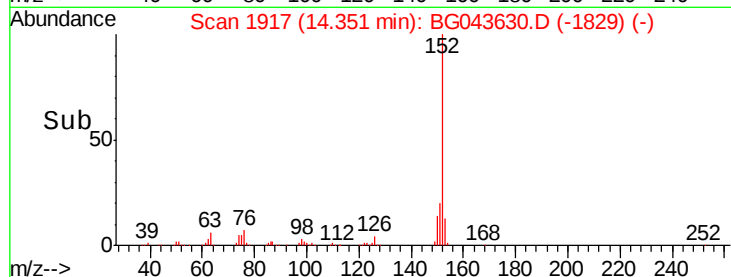
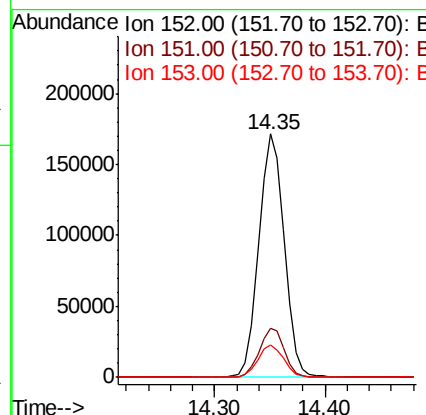
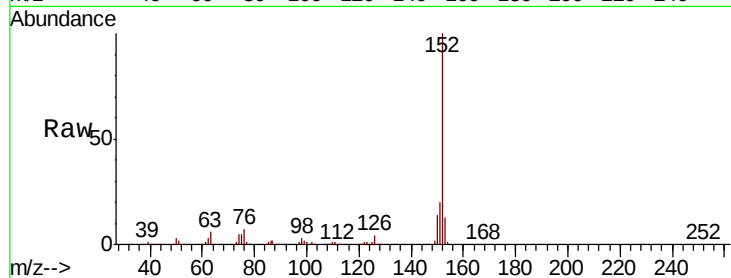
ClientSampleId :

PB124780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		278531		
151	20.2	16.2	24.4		
153	13.4	10.6	15.8		

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#50

Dimethylphthalate

Concen: 38.213 ng

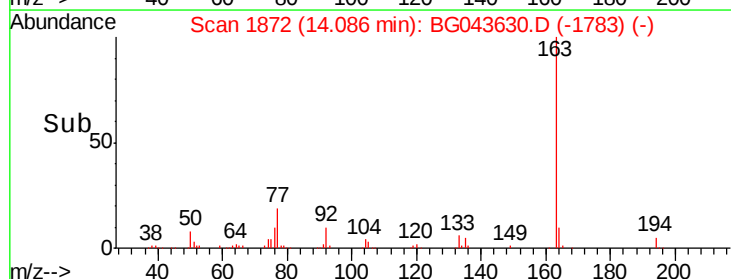
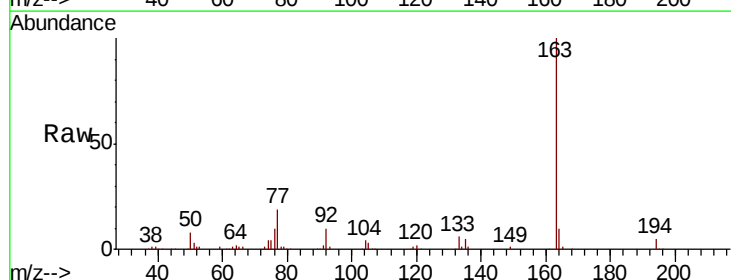
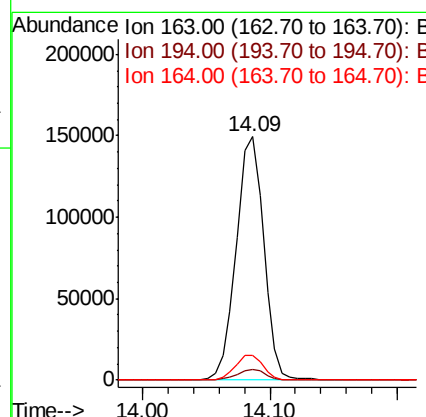
RT: 14.09 min Scan# 1872

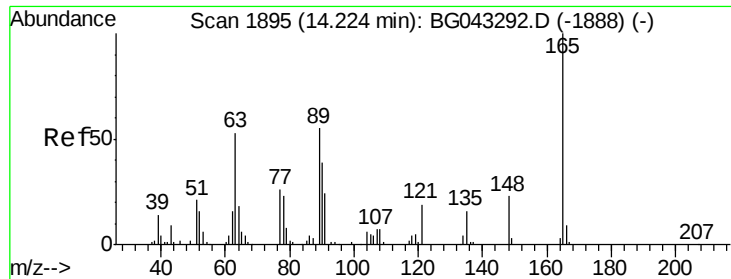
Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		224384		
194	4.6	3.8	5.6		
164	10.4	8.9	13.3		





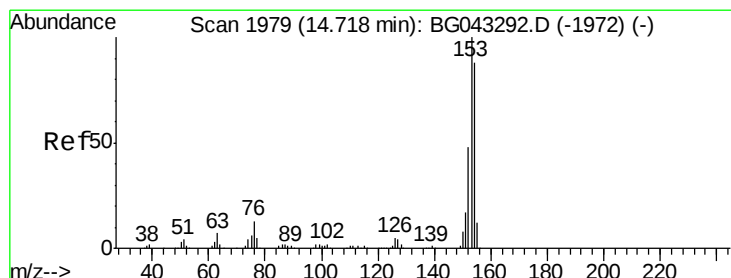
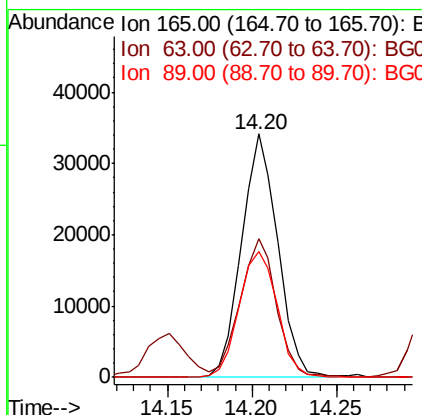
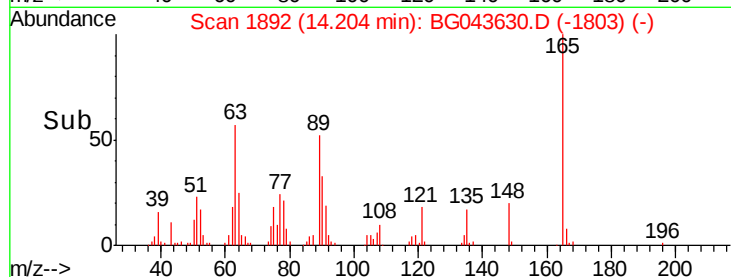
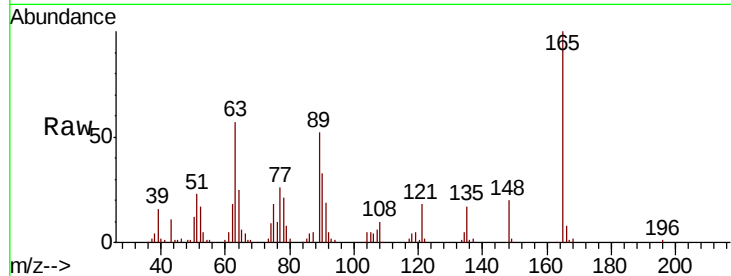
#51
2,6-Dinitrotoluene
Concen: 39.926 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	50931		
63	56.9		46.6	69.8
89	51.7		45.1	67.7

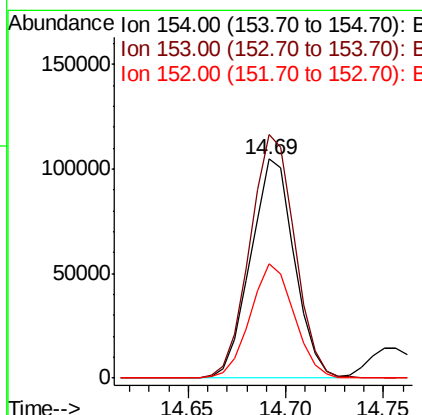
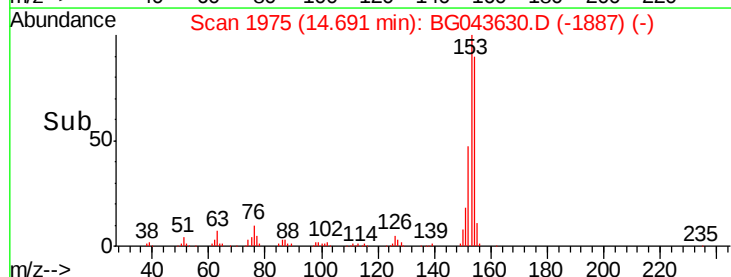
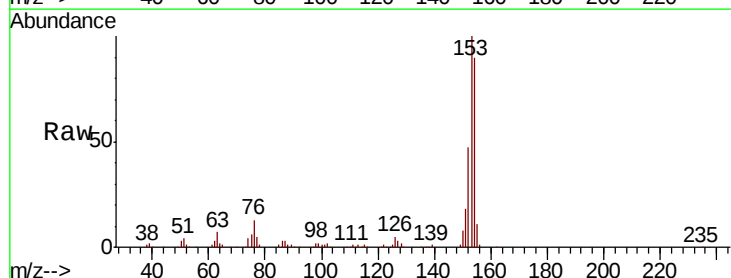
Manual Integrations
APPROVED

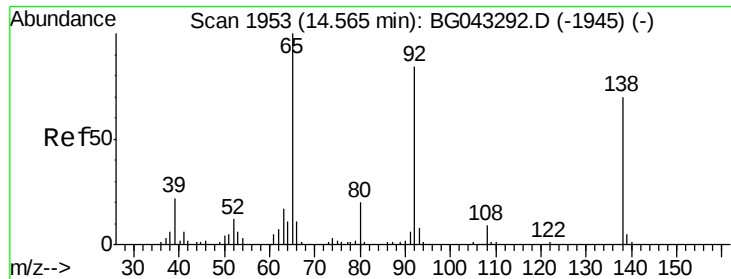
mohammad
11/15/2019 6:00:23 PM



#52
Acenaphthene
Concen: 39.175 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	163152		
153	111.1		88.2	132.2
152	52.0		40.0	60.0





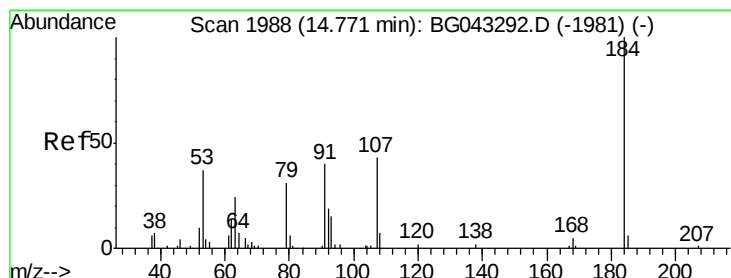
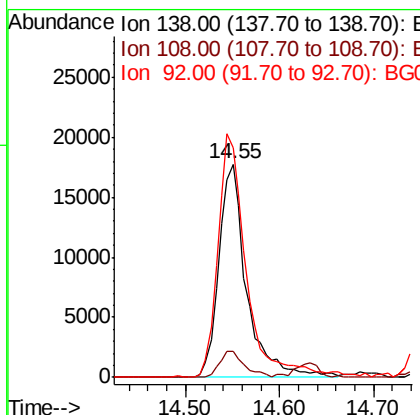
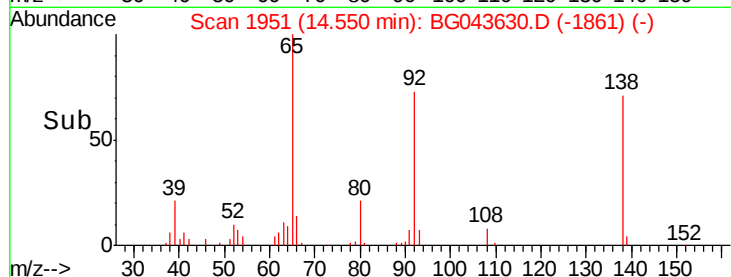
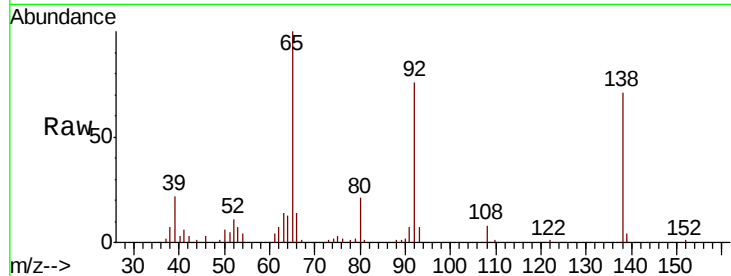
#53
3-Nitroaniline
Concen: 29.539 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.0	12.0
92	108.0	90.9	136.3

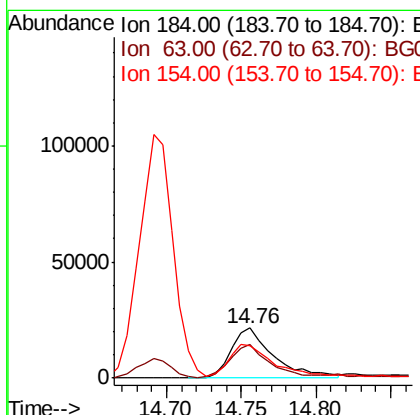
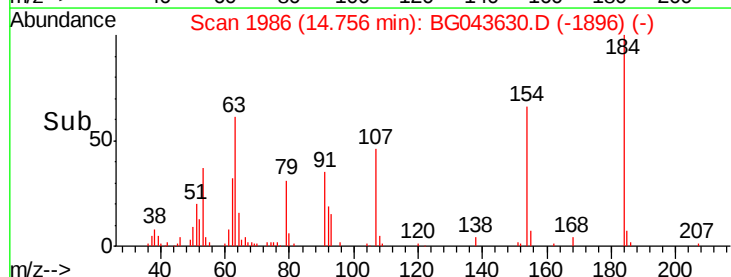
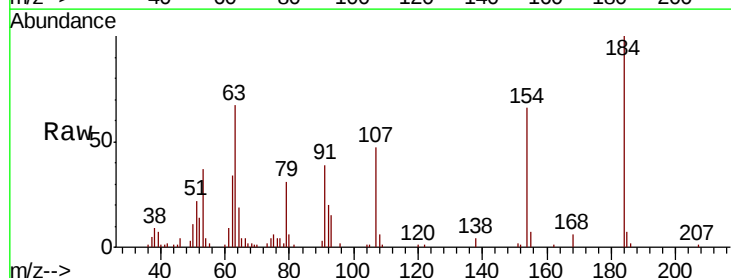
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#54
2,4-Dinitrophenol
Concen: 55.944 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	51.3	76.9
154	66.2	55.4	83.0





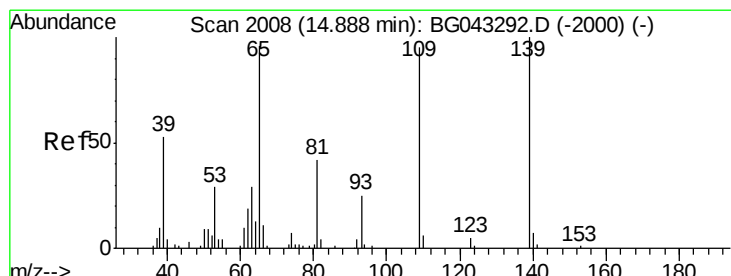
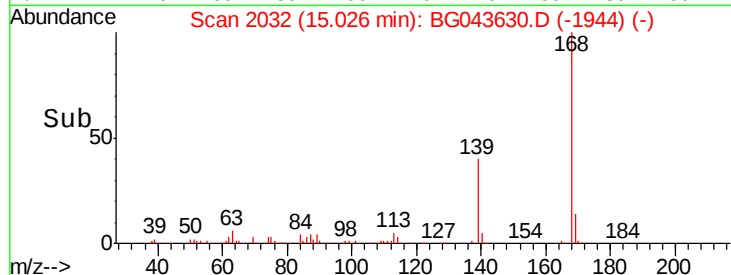
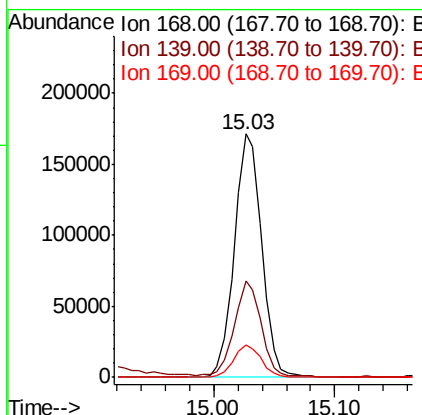
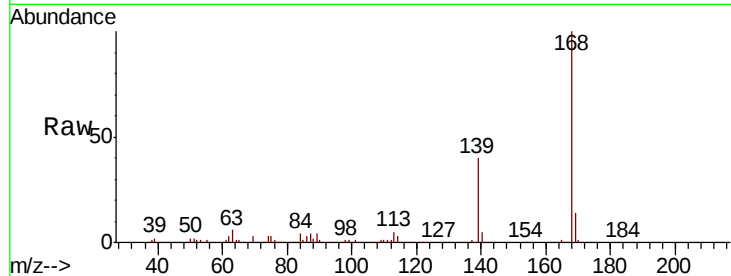
#55
Dibenzenofuran
Concen: 40.088 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.0	46.6
169	13.5	11.7	17.5

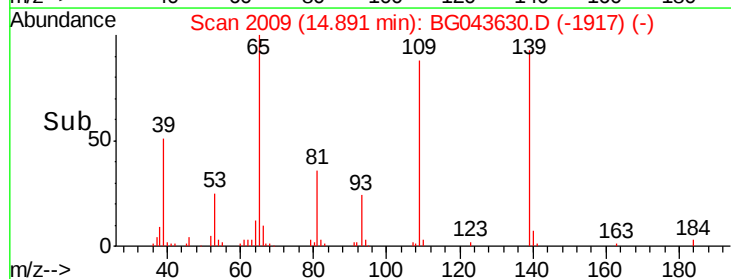
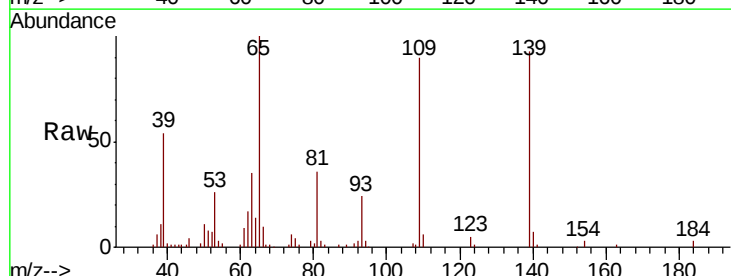
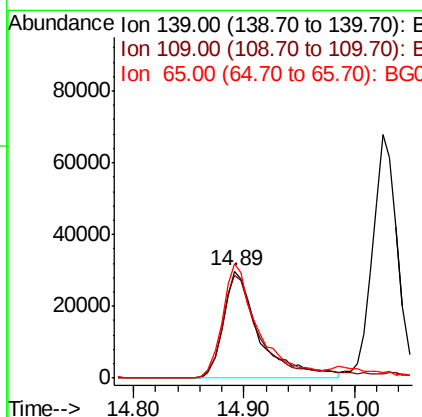
Manual Integrations
APPROVED

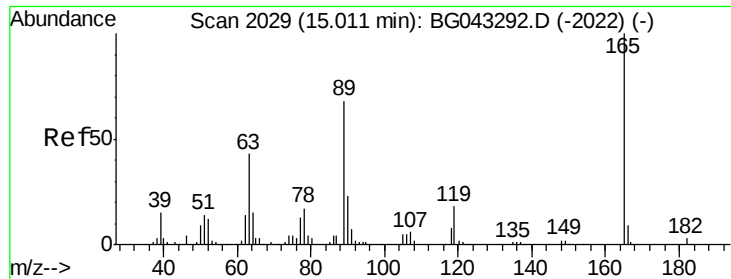
mohammad
11/15/2019 6:00:23 PM



#56
4-Nitrophenol
Concen: 82.399 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.5	87.2	127.2
65	107.2	83.8	123.8





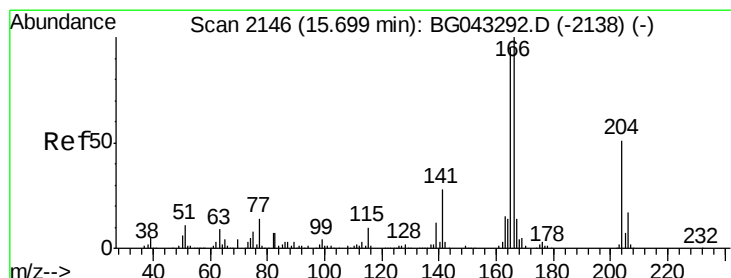
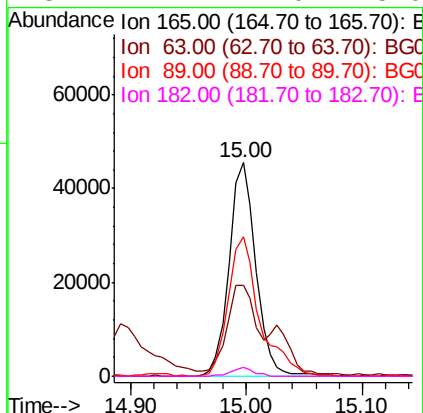
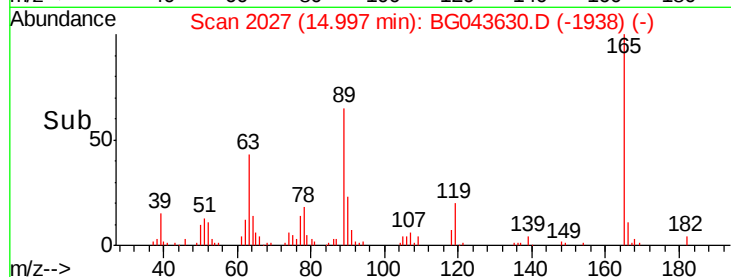
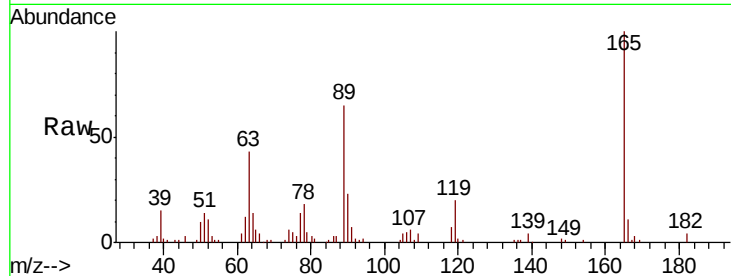
#57
2,4-Dinitrotoluene
Concen: 40.049 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	73012		
63	42.6		33.2	49.8
89	65.2		52.2	78.4
182	4.4		2.0	3.0

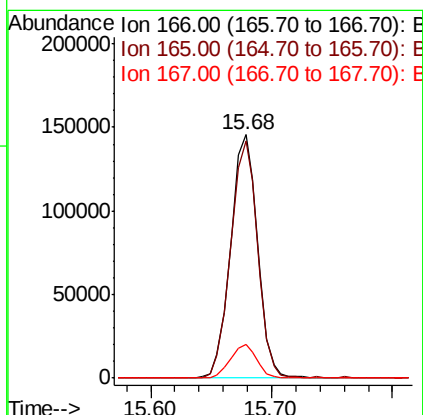
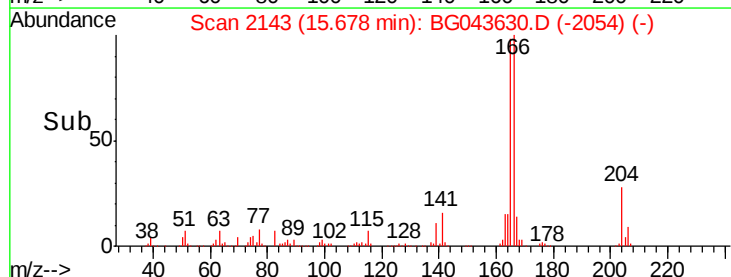
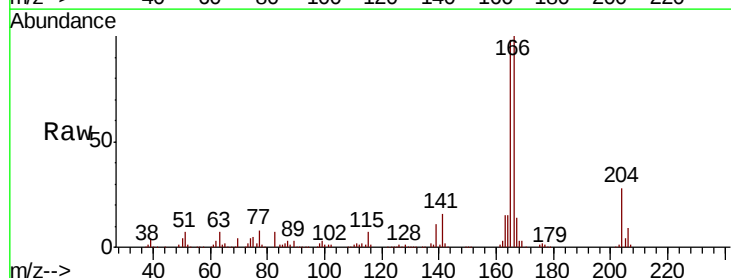
Manual Integrations
APPROVED

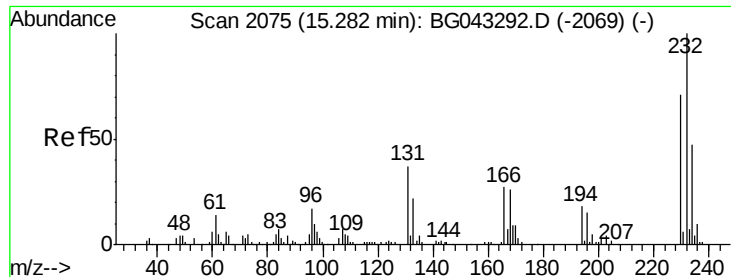
mohammad
11/15/2019 6:00:23 PM



#58
Fluorene
Concen: 39.988 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	226513		
165	97.7		79.0	118.6
167	13.8		10.5	15.7





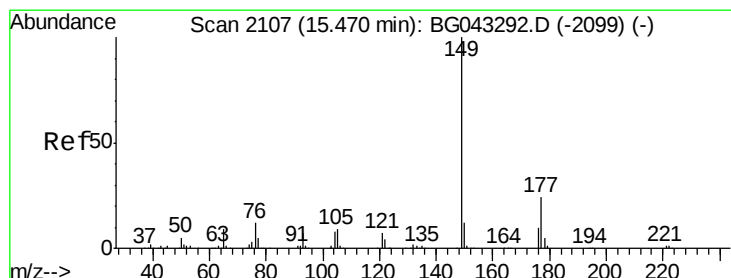
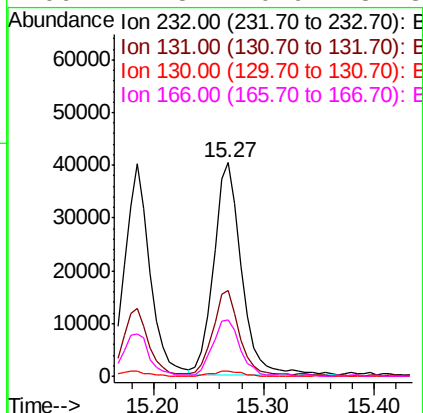
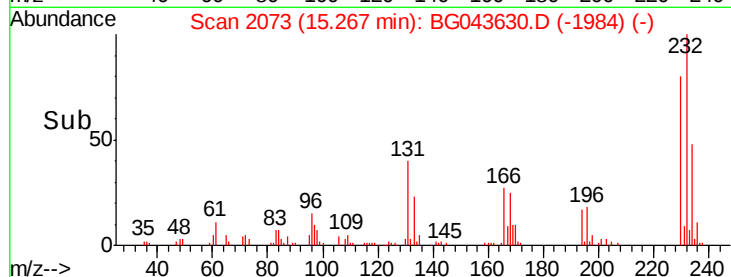
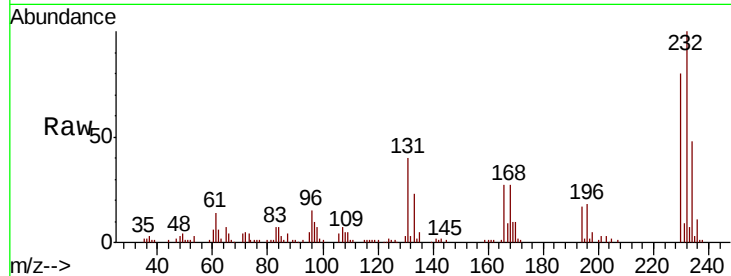
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.530 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	26.9	40.3
130	2.5	1.8	2.6
166	24.8	20.9	31.3

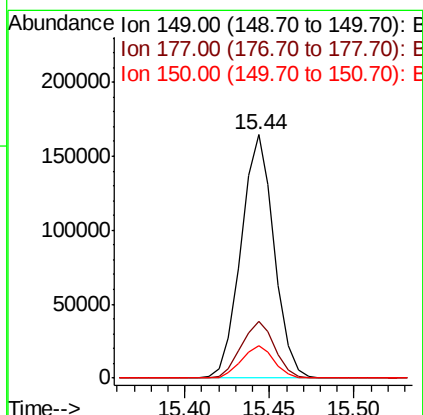
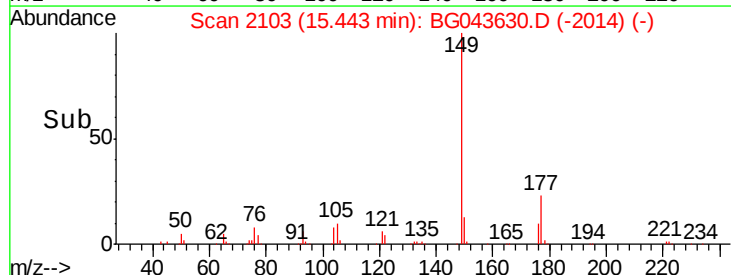
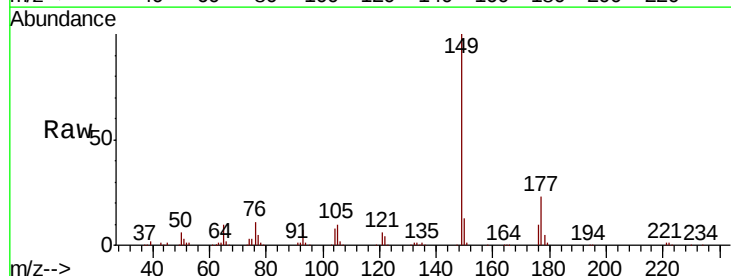
Manual Integrations
APPROVED

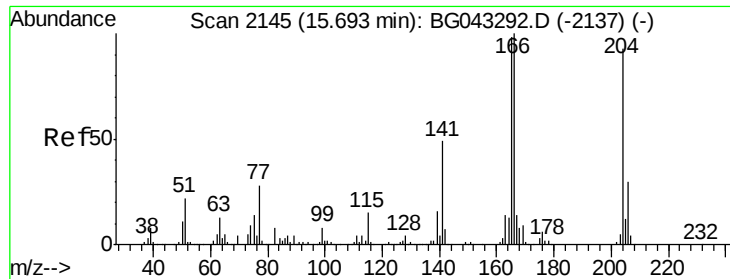
mohammad
11/15/2019 6:00:23 PM



#60
Diethylphthalate
Concen: 37.822 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.6	29.4
150	13.3	10.8	16.2





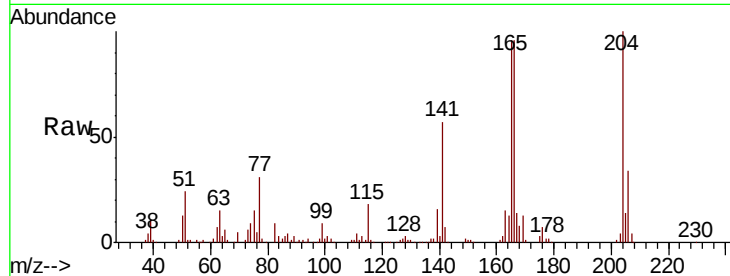
#61
4-Chlorophenyl-phenylether
Concen: 38.322 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	28.4	42.6
141	57.2	43.0	64.6

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM

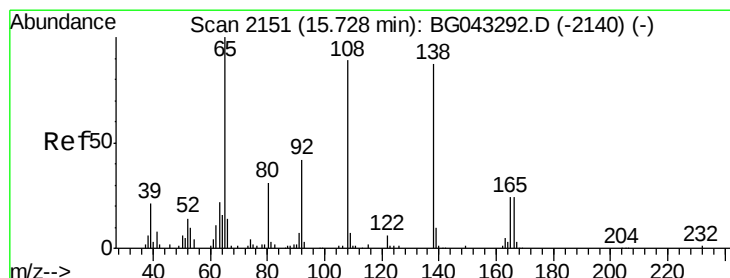
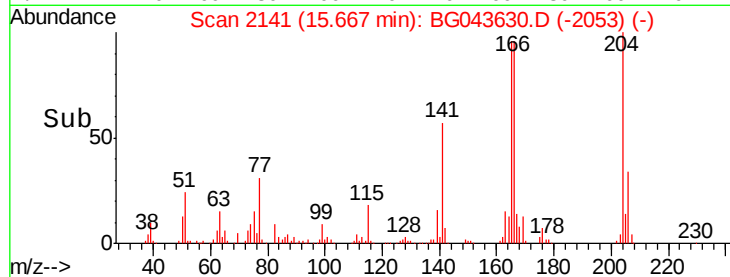
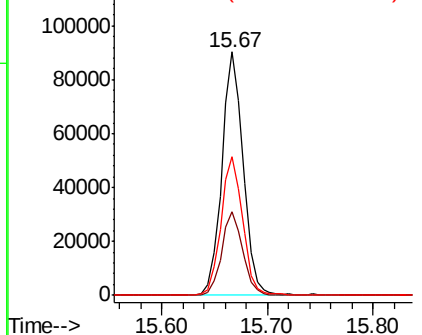


Abundance

Ion 204.00 (203.70 to 204.70): E

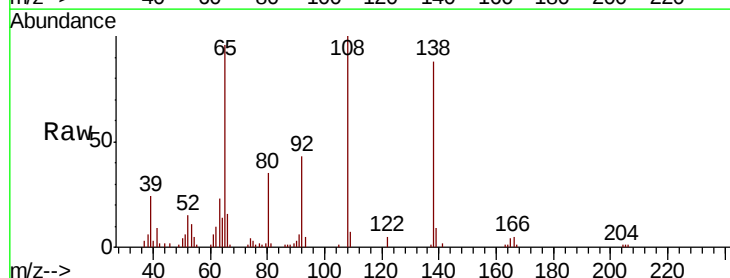
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.167 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	33.4	73.4
108	114.0	78.0	118.0

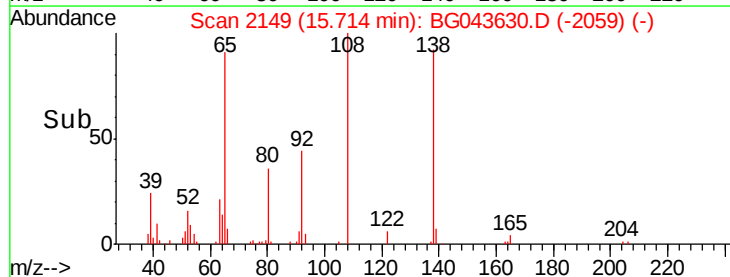
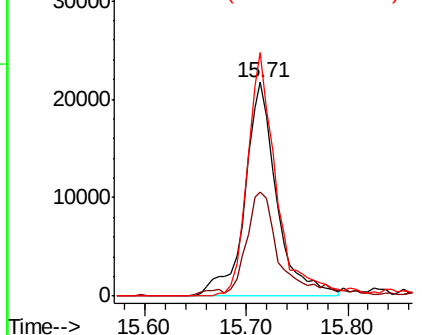


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





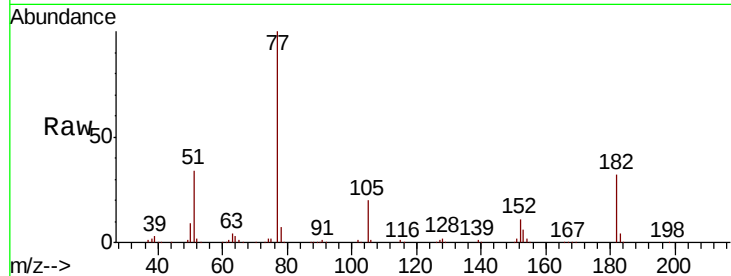
#63
Azobenzene
Concen: 39.422 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

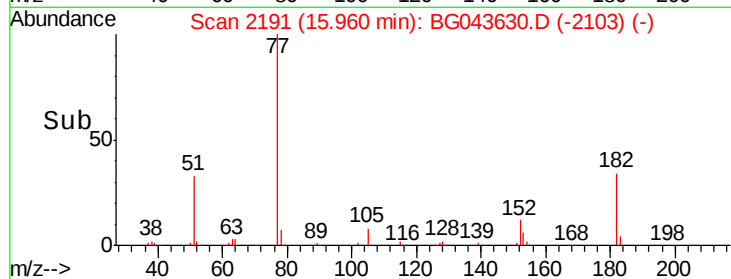
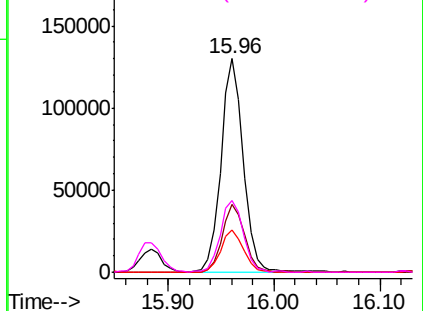
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.1	13.7	53.7
105	20.0	0.4	40.4
51	33.8	11.0	51.0

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



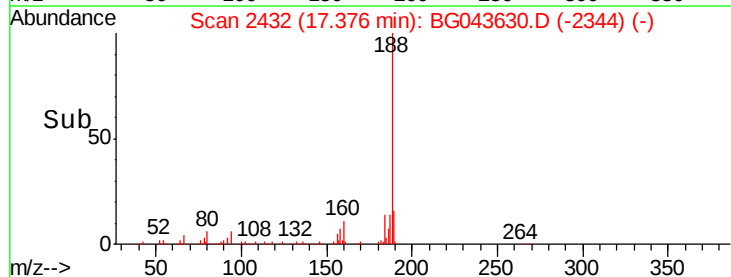
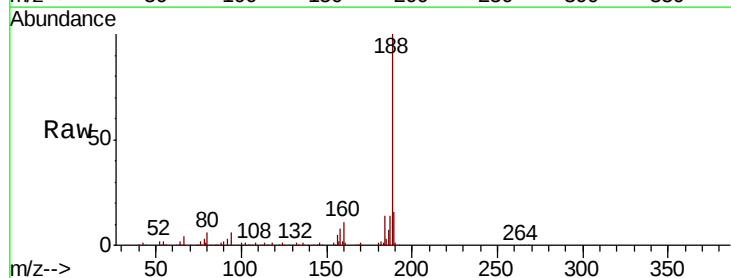
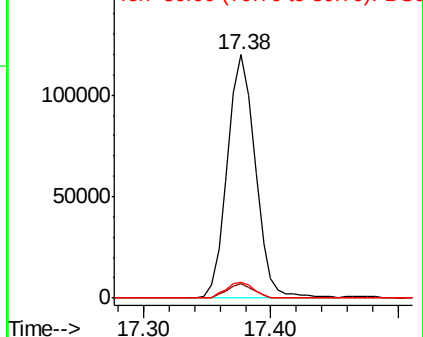
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

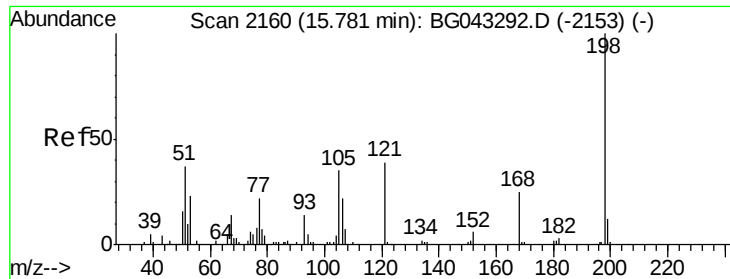


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	6.5	4.5	6.7

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.639 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB124780BS

Tot Ion:198 Resp: 41819

Ion Ratio Lower Upper

198 100

51 37.8 13.2 53.2

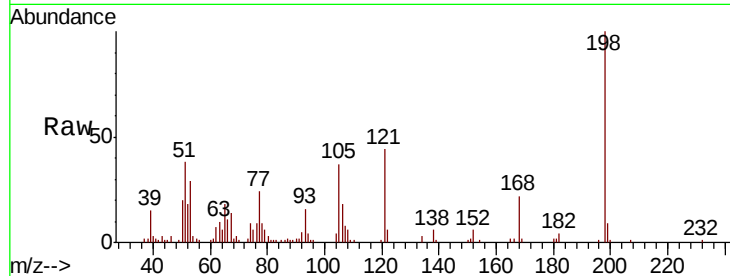
105 36.9 15.8 55.8

Manual Integrations

APPROVED

mohammad

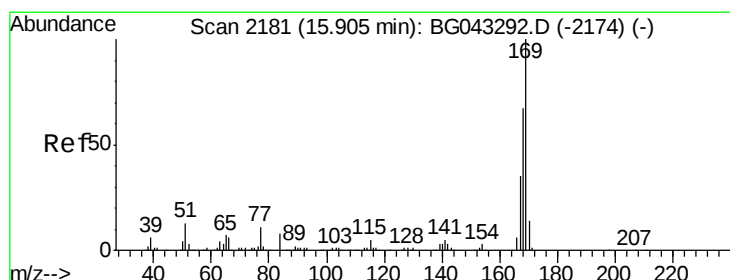
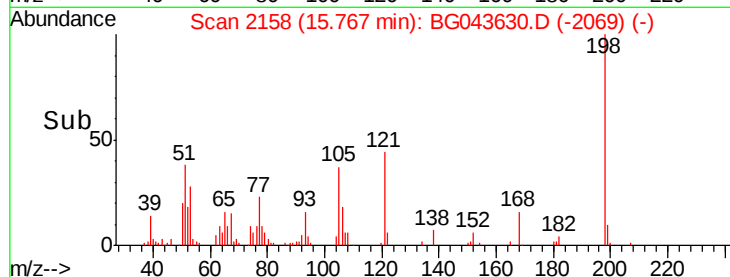
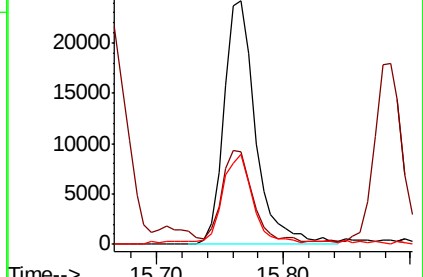
11/15/2019 6:00:23 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.846 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

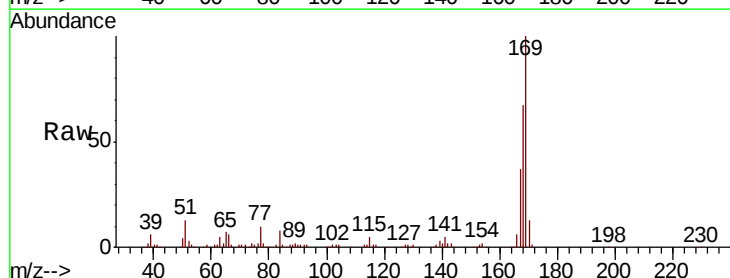
Tgt Ion:169 Resp: 201698

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

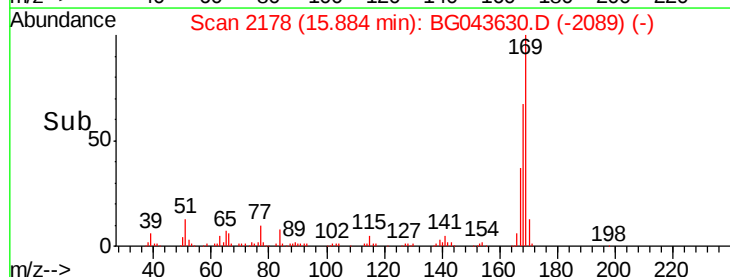
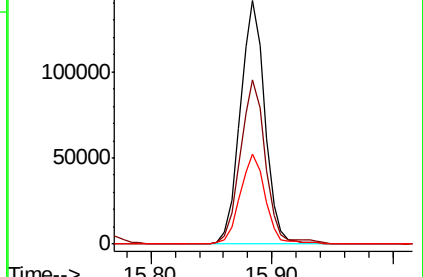
167 37.0 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





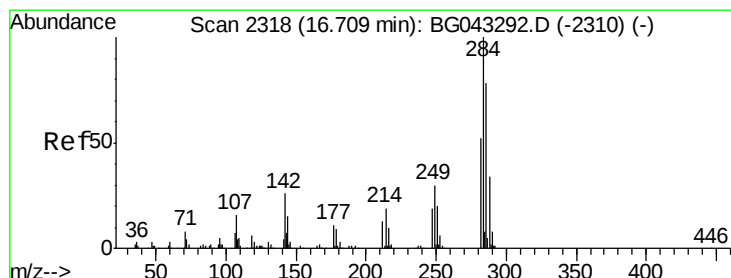
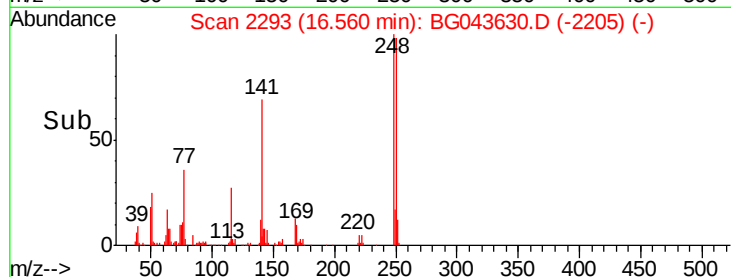
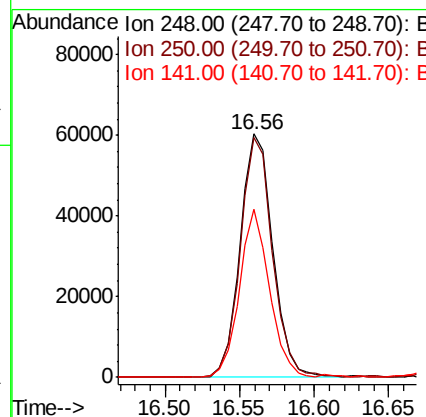
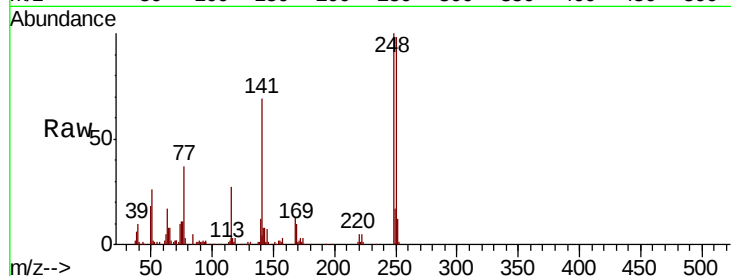
#67
4-Bromophenyl-phenylether
Concen: 37.041 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.0	115.4
141	68.9	47.5	71.3

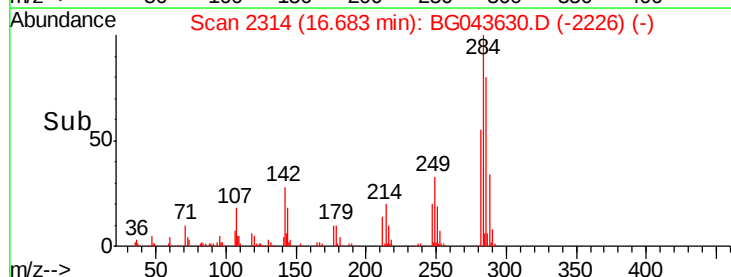
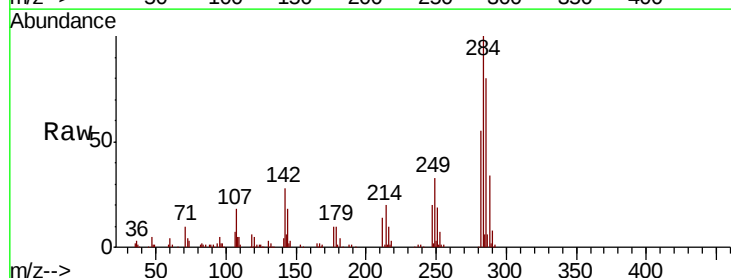
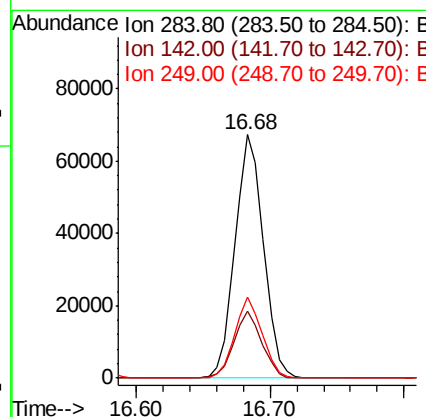
Manual Integrations
APPROVED

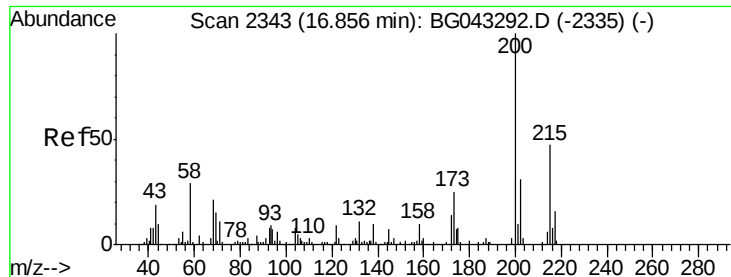
mohammad
11/15/2019 6:00:23 PM



#68
Hexachlorobenzene
Concen: 35.382 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	19.8	29.8
249	33.5	23.8	35.6





#69

Atrazine

Concen: 49.374 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

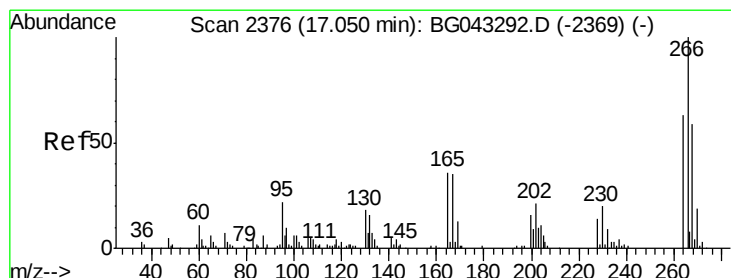
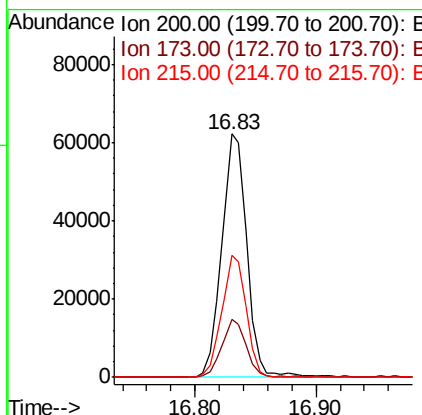
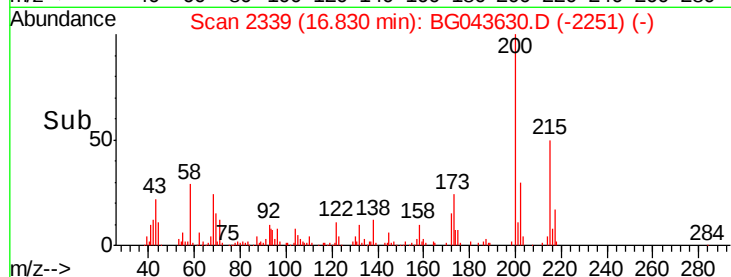
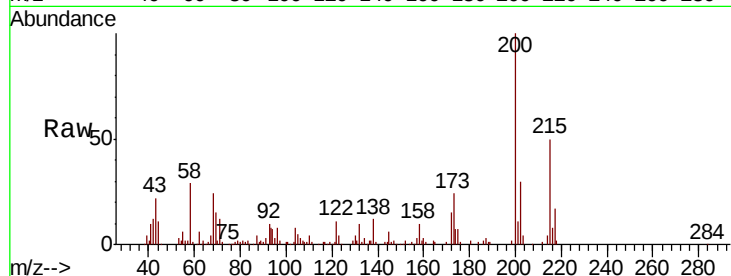
ClientSampleId :

PB124780BS

Tot Ion:	200	Resp:	89080
Ion Ratio	Lower	Upper	
200	100		
173	23.8	4.7	44.7
215	50.2	28.5	68.5

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#70

Pentachlorophenol

Concen: 61.973 ng

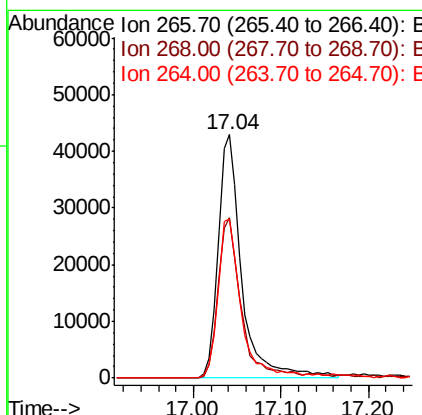
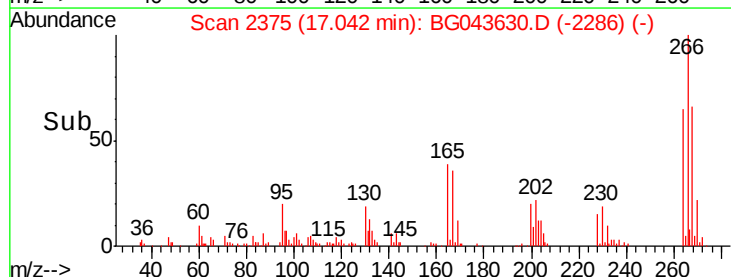
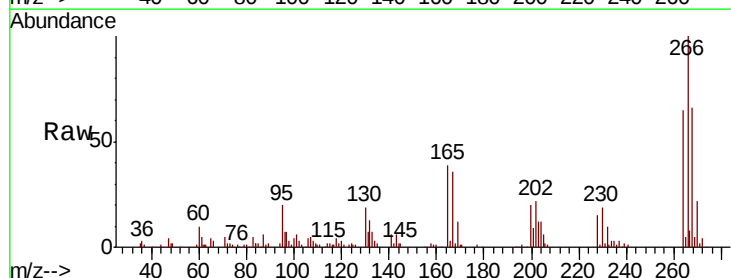
RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	266	Resp:	80226
Ion Ratio	Lower	Upper	
266	100		
268	66.0	50.4	75.6
264	65.5	48.9	73.3





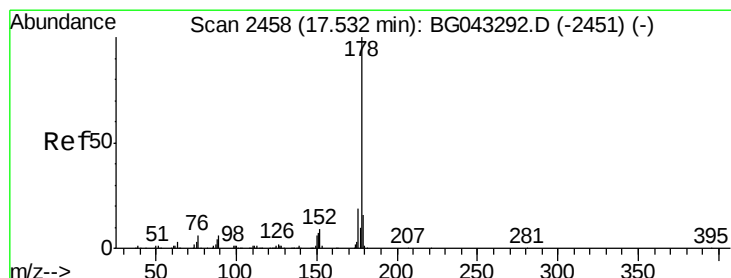
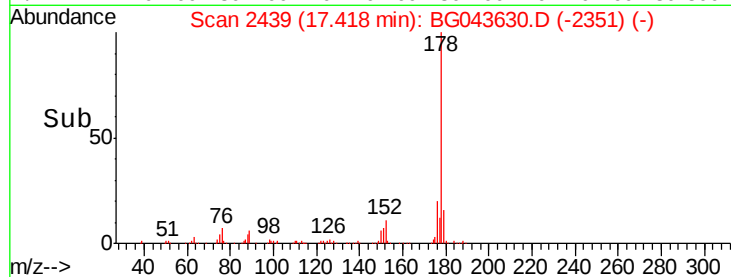
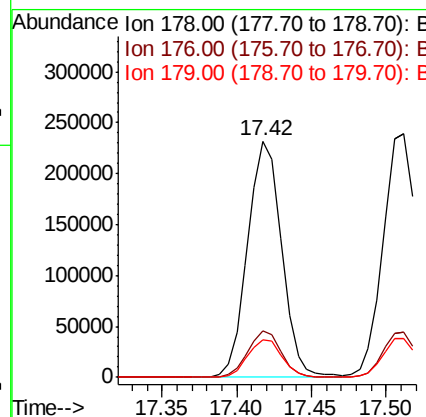
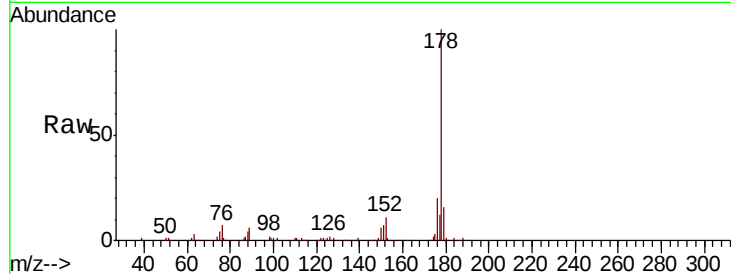
#71
Phenanthrene
Concen: 38.846 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.0	13.0	19.6

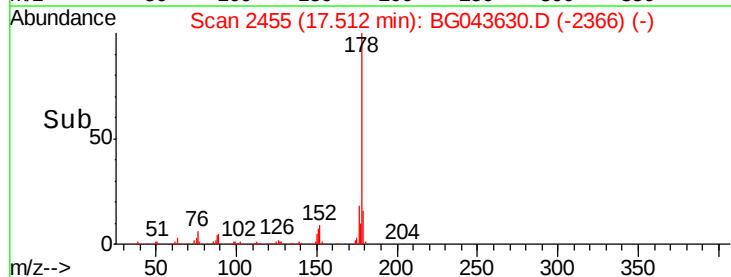
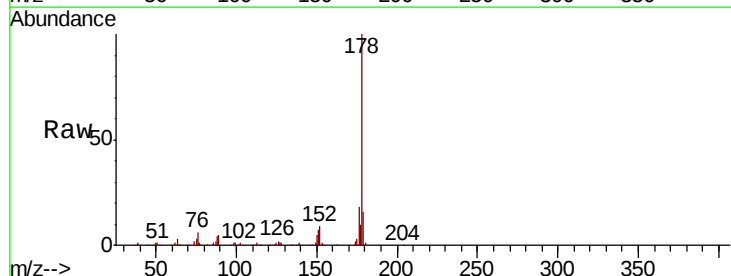
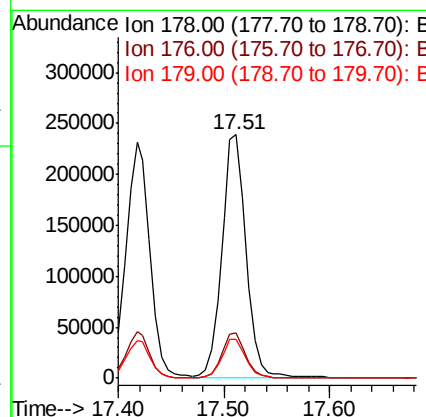
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#72
Anthracene
Concen: 40.336 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.0	13.7	20.5





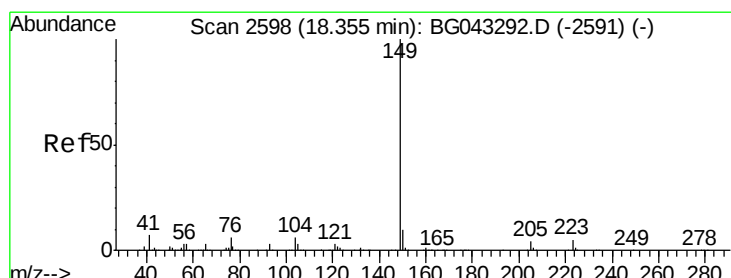
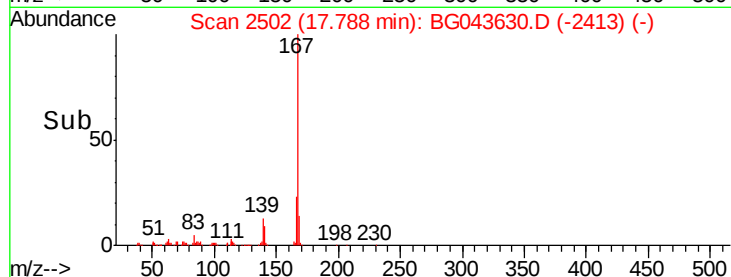
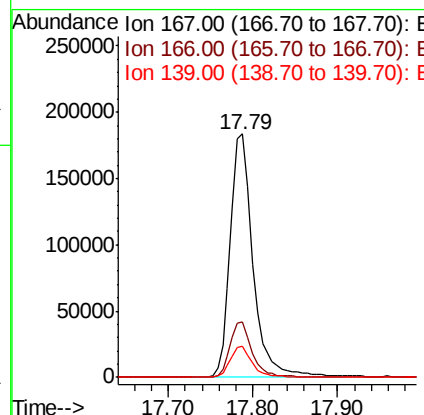
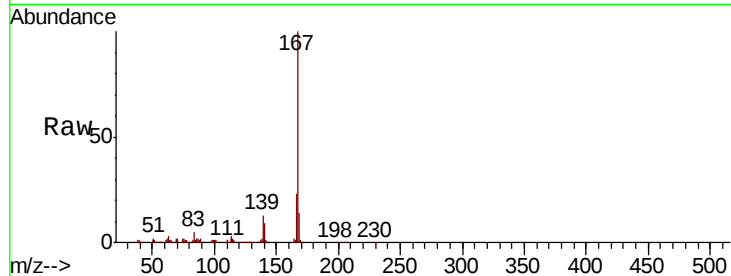
#73
 Carbazole
 Concen: 40.175 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

Tot Ion:	167	Resp:	342799
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.7	28.1
139	12.8	10.0	15.0

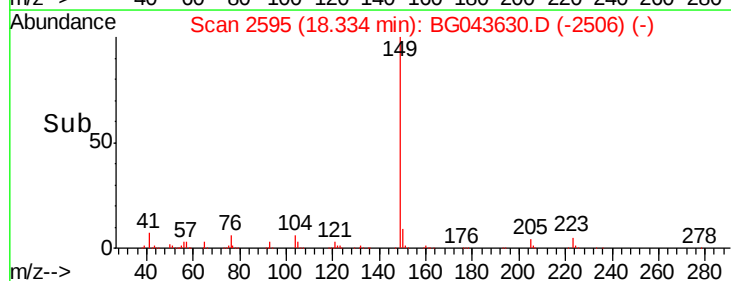
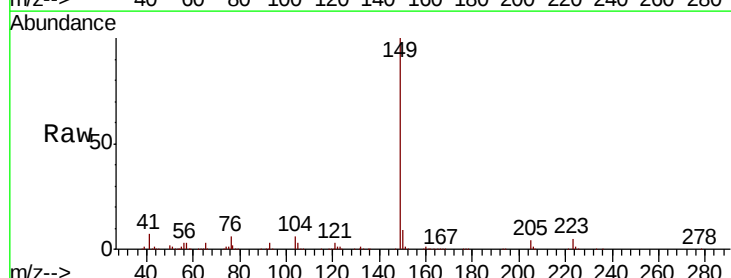
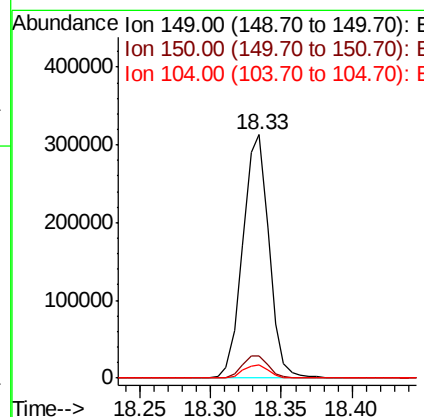
Manual Integrations
 APPROVED

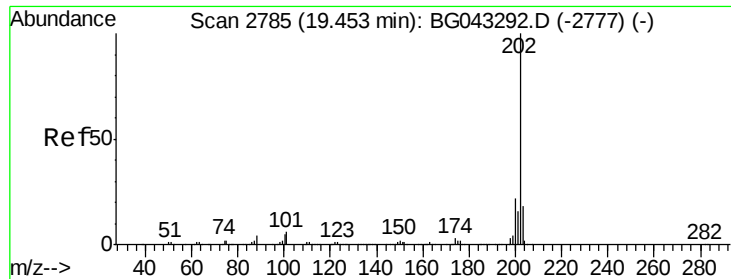
mohammad
 11/15/2019 6:00:23 PM



#74
 Di-n-butylphthalate
 Concen: 39.128 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Tgt Ion:	149	Resp:	405098
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 40.924 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

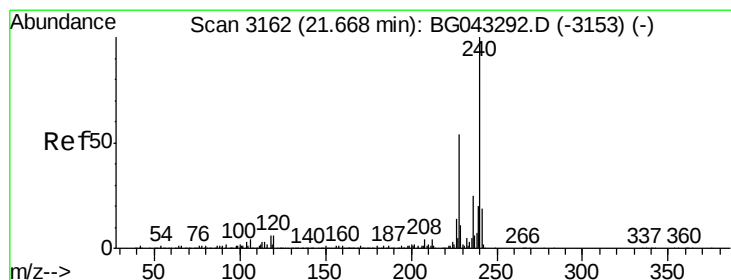
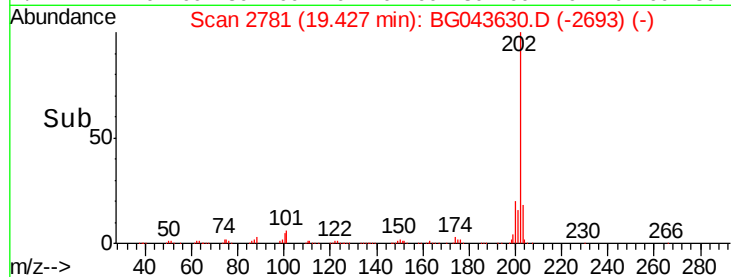
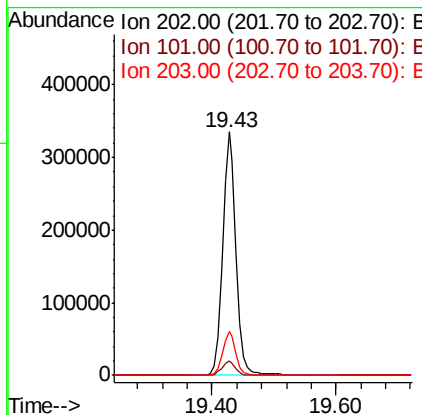
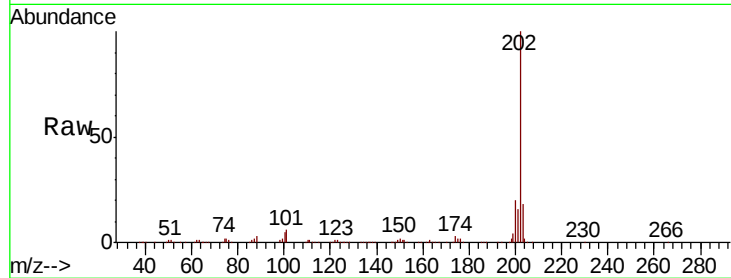
ClientSampleId :

PB124780BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	502444		
101	5.8	0.0	26.3	
203	18.1	0.0	37.9	

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#76

Chrysene-d12

Concen: 20.000 ng

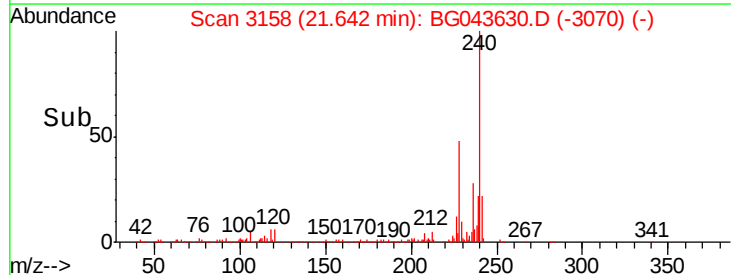
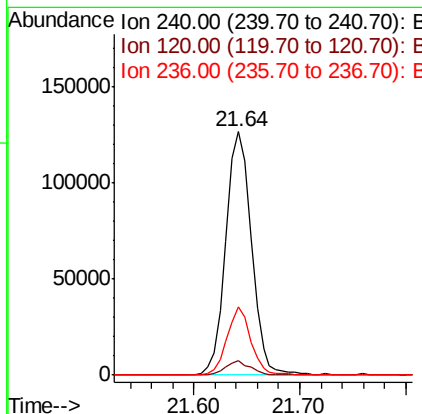
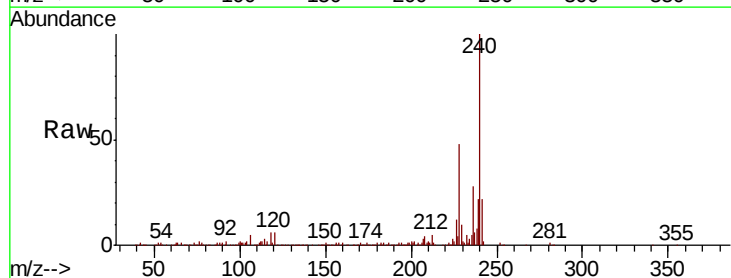
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	213942		
120	5.8	4.6	6.8	
236	28.1	19.8	29.8	





#77

Benzidine

Concen: 37.026 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

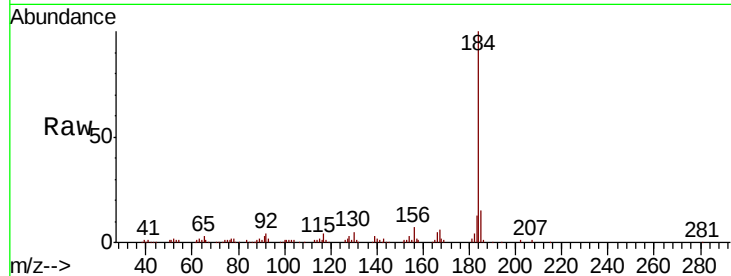
ClientSampleId :

PB124780BS

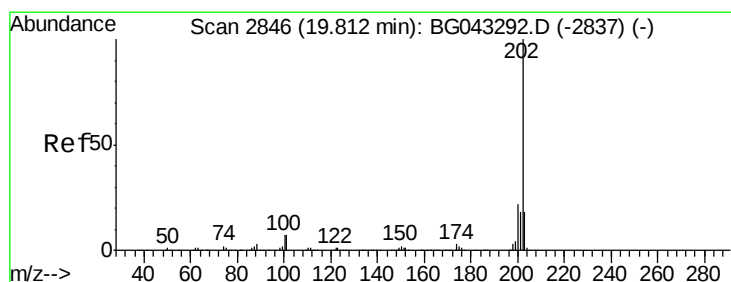
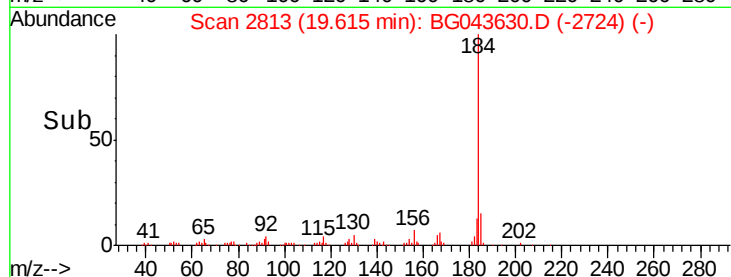
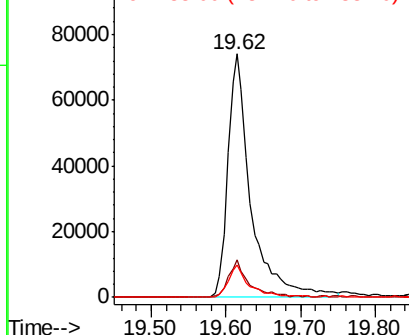
Tot Ion:	184	Resp:	159420
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.0	16.4
183	13.3	10.0	15.0

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



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



#78

Pyrene

Concen: 38.440 ng

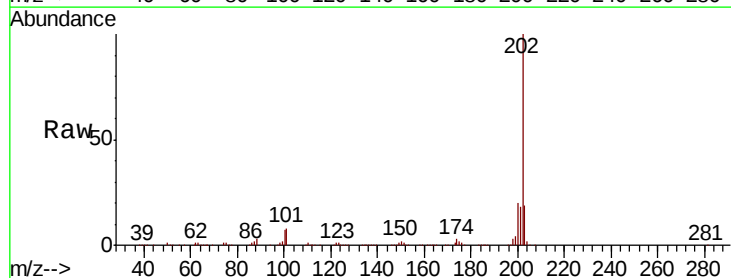
RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

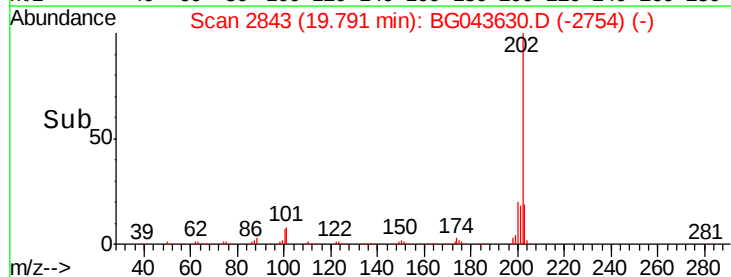
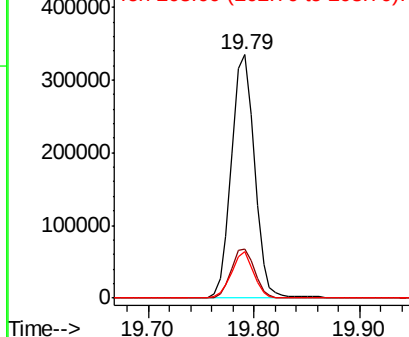
Lab File: BG043630.D

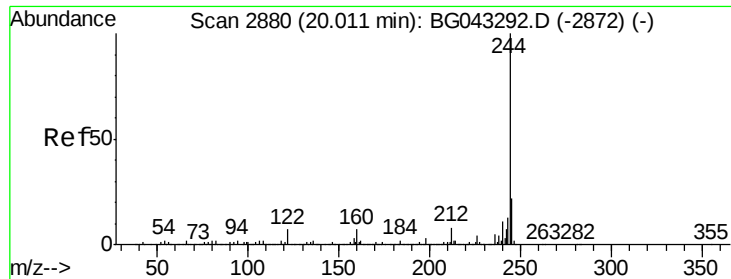
Acq: 14 Nov 2019 12:44

Tgt Ion:	202	Resp:	509048
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.0	25.4
203	19.2	14.7	22.1



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





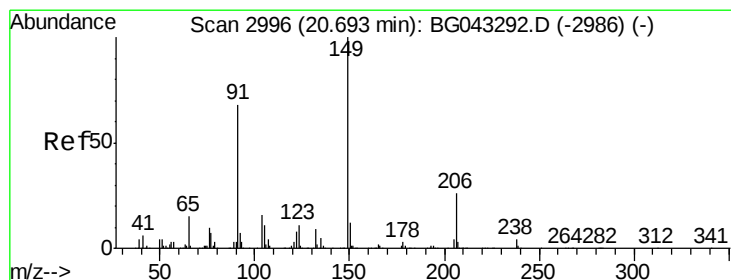
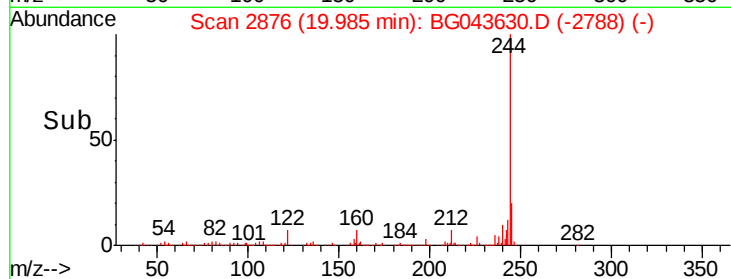
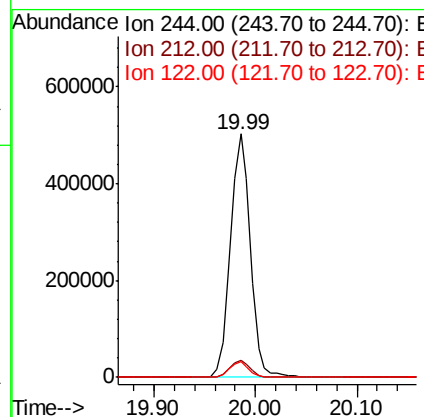
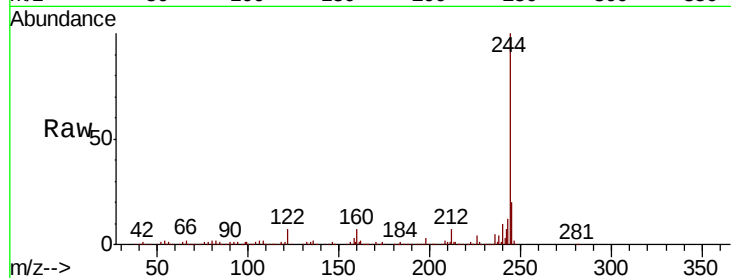
#79
 Terphenyl-d14
 Concen: 60.233 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.7	5.4	8.2

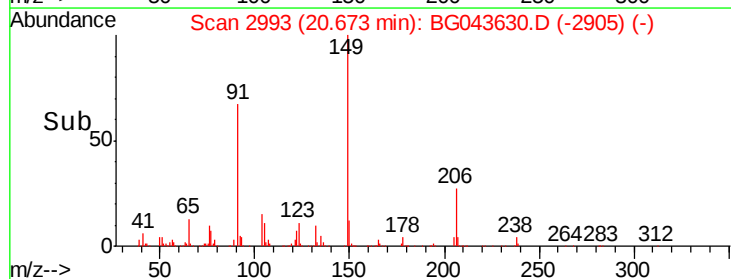
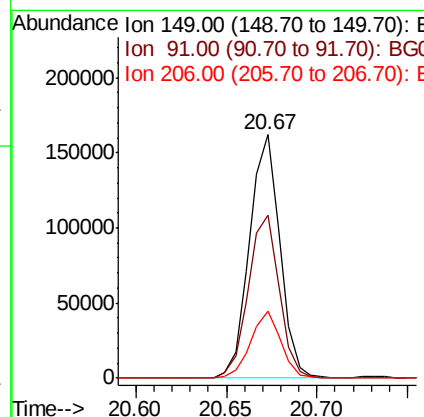
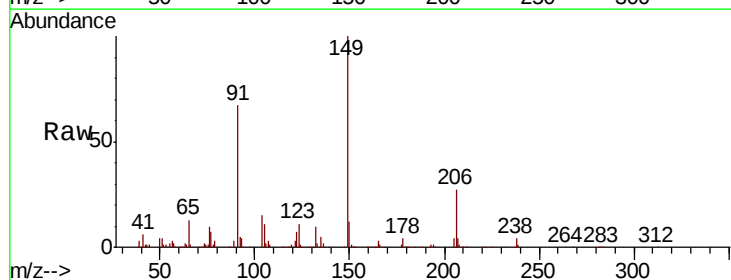
Manual Integrations
 APPROVED

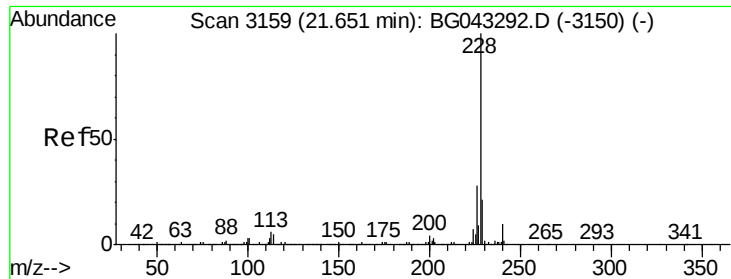
mohammad
 11/15/2019 6:00:23 PM



#80
 Butylbenzylphthalate
 Concen: 37.768 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	51.2	76.8
206	27.5	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.525 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

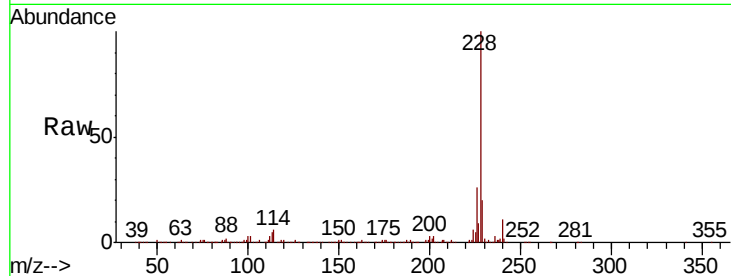
ClientSampleId :

PB124780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		529680		
226	26.2	22.2	33.2		
229	20.0	17.0	25.4		

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM

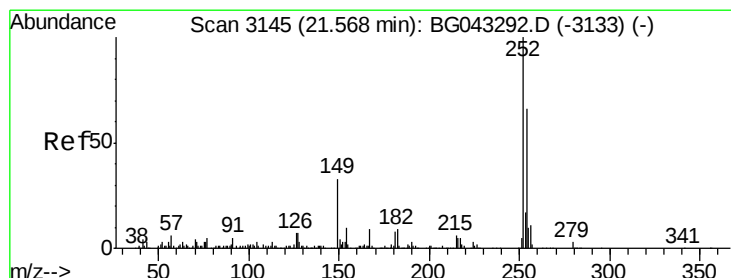
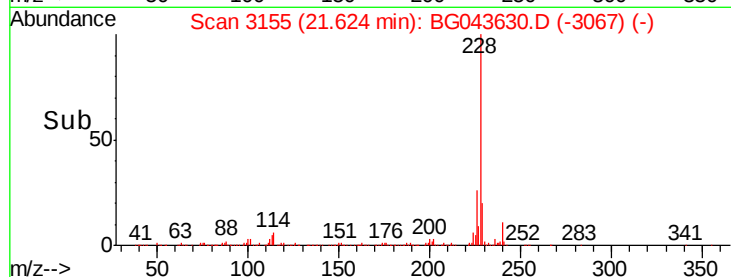
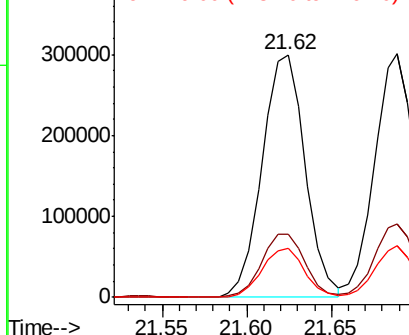


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.340 ng

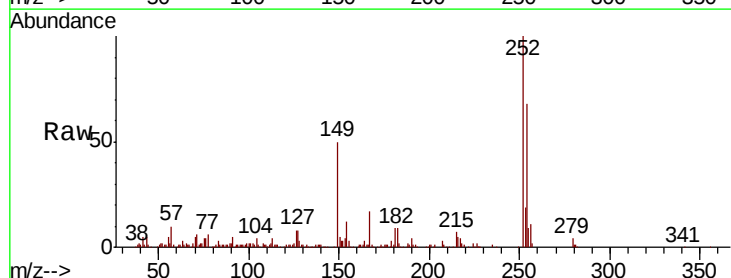
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		172811		
254	68.4	50.8	76.2		
126	7.5	6.1	9.1		

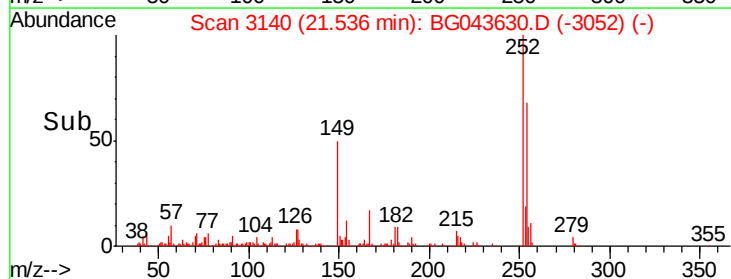
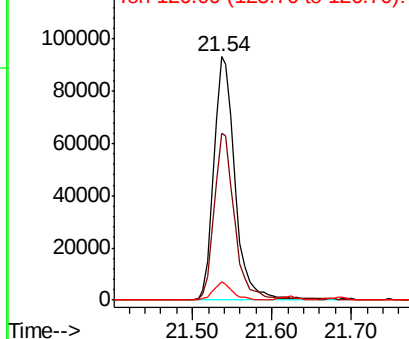


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





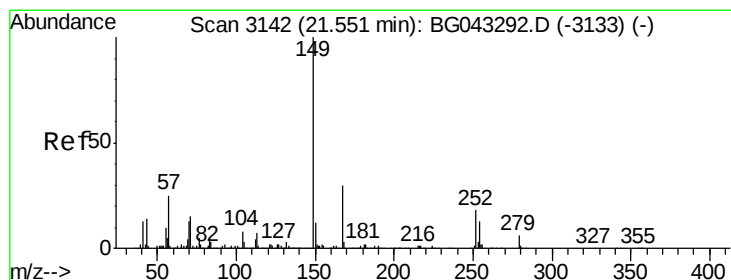
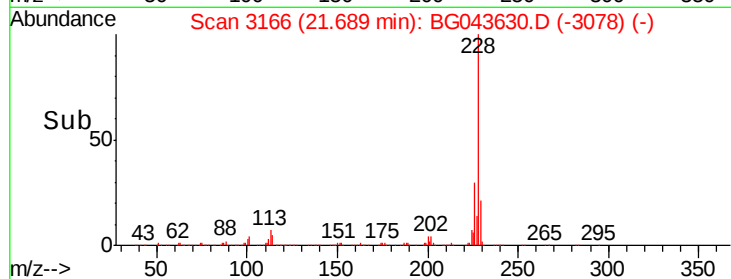
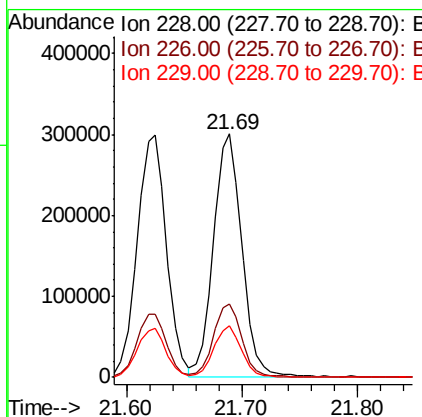
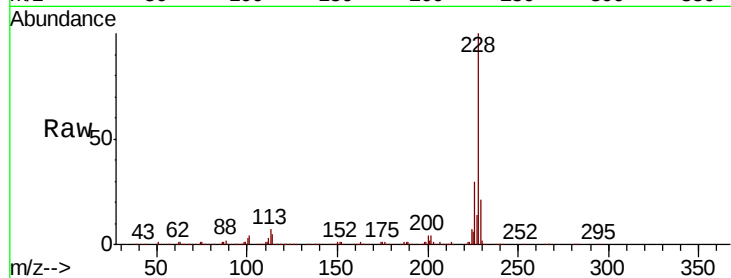
#83
 Chrysene
 Concen: 38.355 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BS

Tot Ion:	228	Resp:	510698
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.1	37.7
229	21.4	17.0	25.4

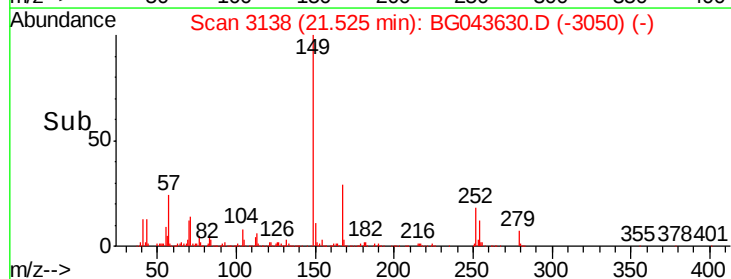
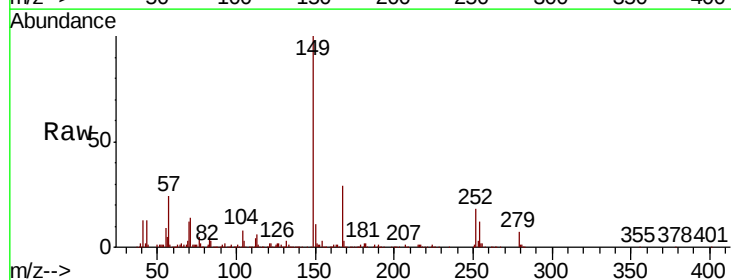
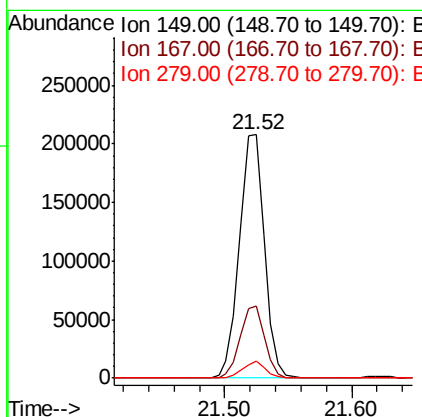
Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:23 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.637 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043630.D
 Acq: 14 Nov 2019 12:44

Tgt Ion:	149	Resp:	282487
Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.0	36.0
279	7.0	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 40.312 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.03 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

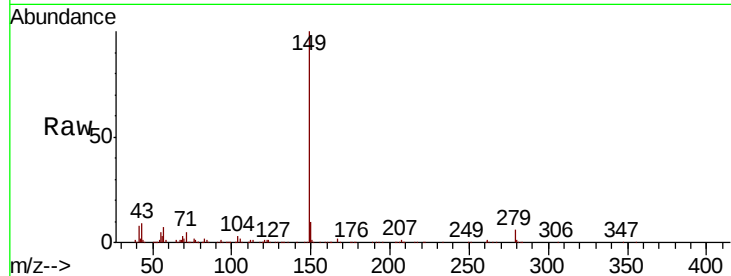
ClientSampleId :

PB124780BS

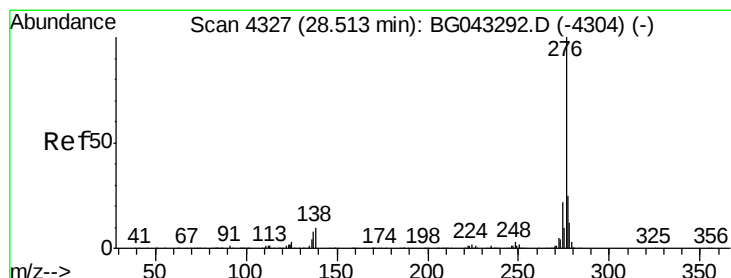
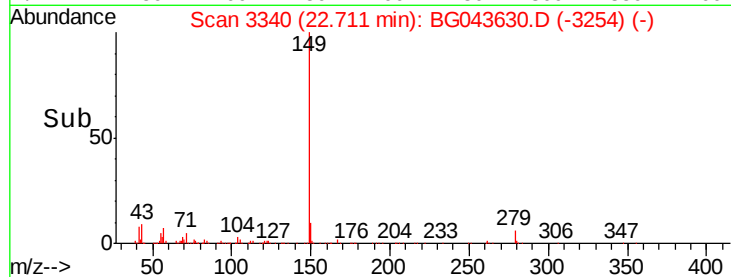
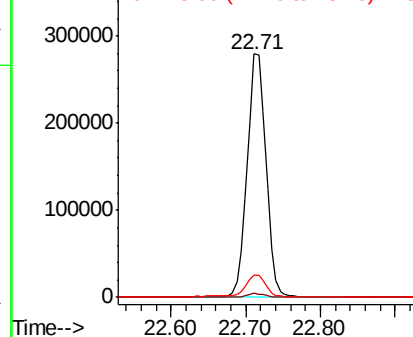
Tot Ion:	149	Resp:	487423
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	9.7	7.0	10.6

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.751 ng

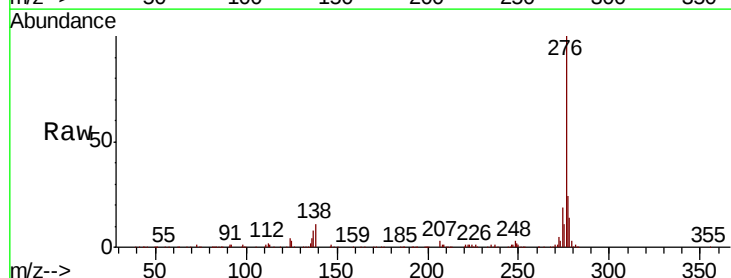
RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

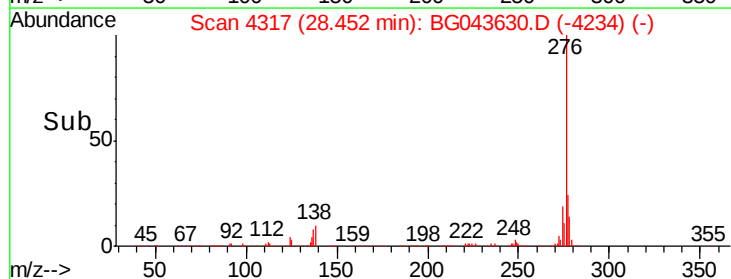
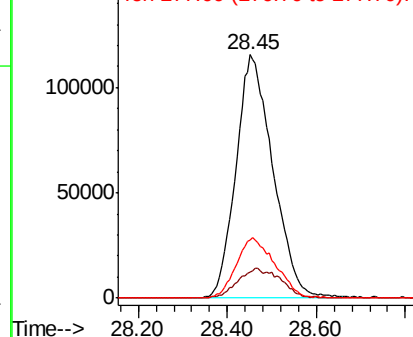
Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	276	Resp:	664386
Ion Ratio	Lower	Upper	
276	100		
138	14.1	6.8	10.2#
277	25.9	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Instrument :

BNA_G

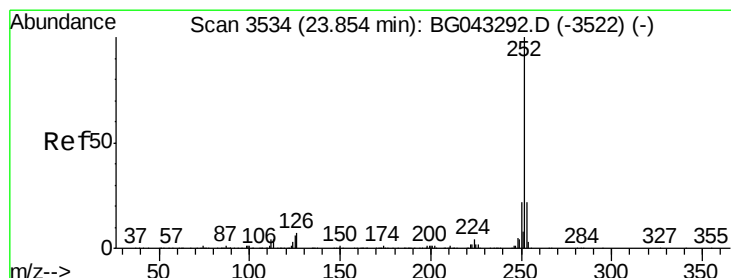
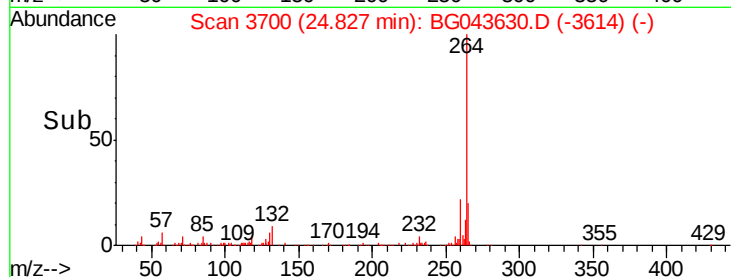
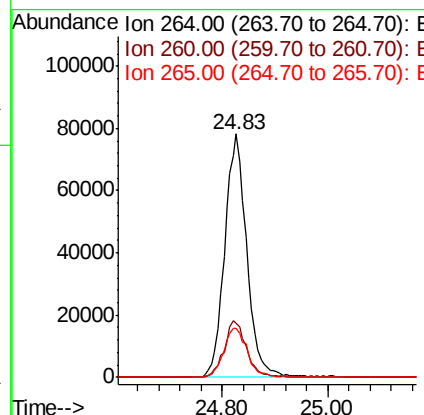
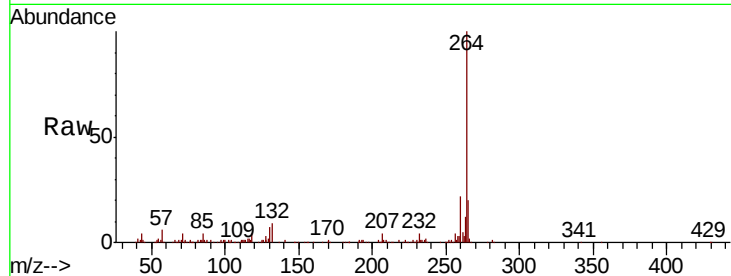
ClientSampleId :

PB124780BS

Tot Ion:	264	Resp:	226342
Ion Ratio	Lower	Upper	
264	100		
260	22.1	17.5	26.3
265	20.0	17.4	26.0

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#88

Benzo(b)fluoranthene

Concen: 44.030 ng

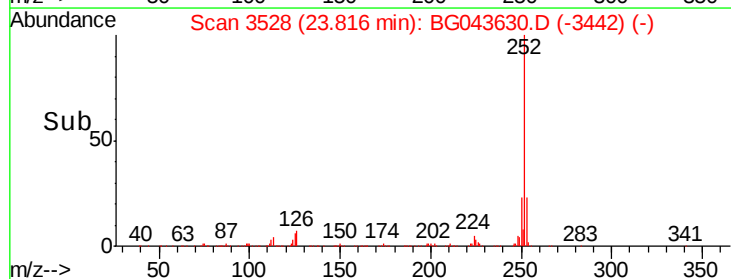
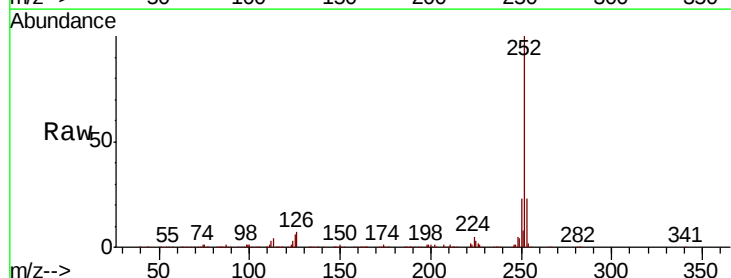
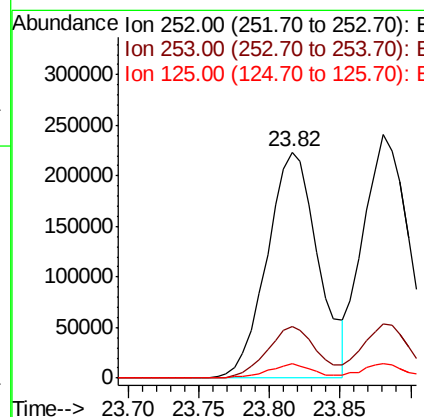
RT: 23.82 min Scan# 3528

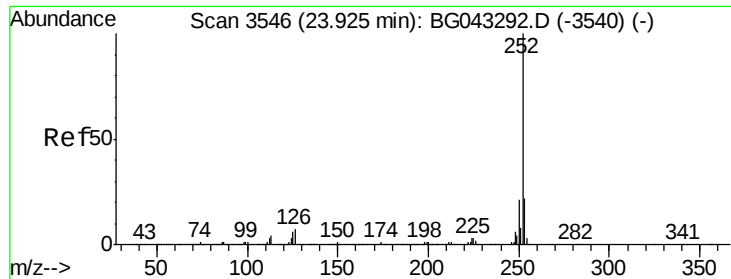
Delta R.T. -0.03 min

Lab File: BG043630.D

Acq: 14 Nov 2019 12:44

Tgt Ion:	252	Resp:	564439
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	6.2	4.5	6.7





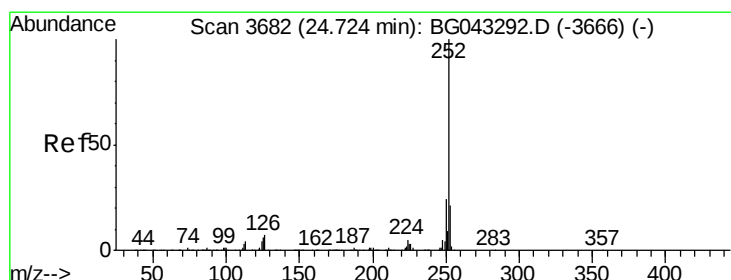
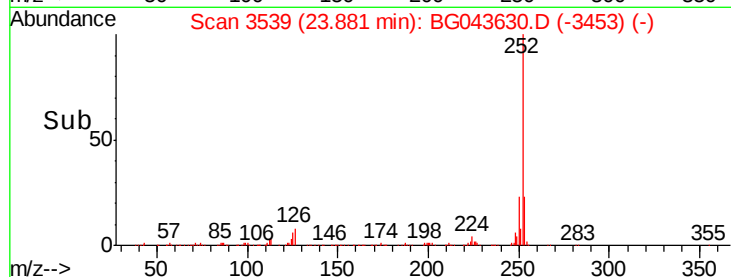
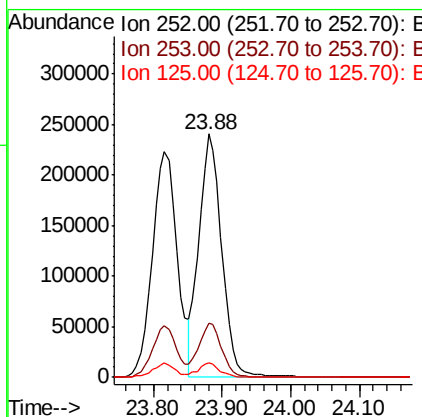
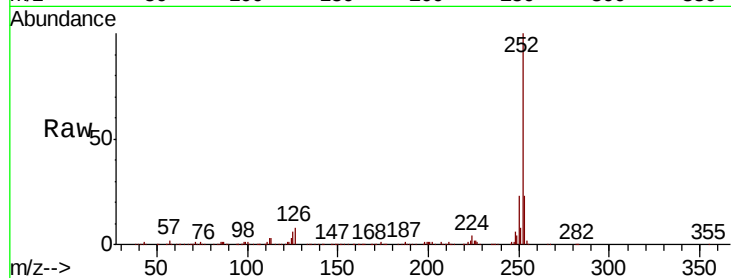
#89
Benzo(k)fluoranthene
Concen: 43.237 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	5.7	4.6	6.8

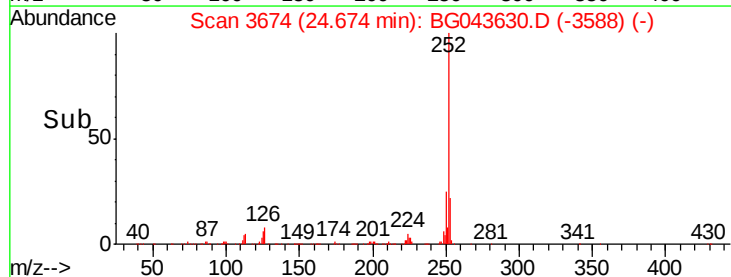
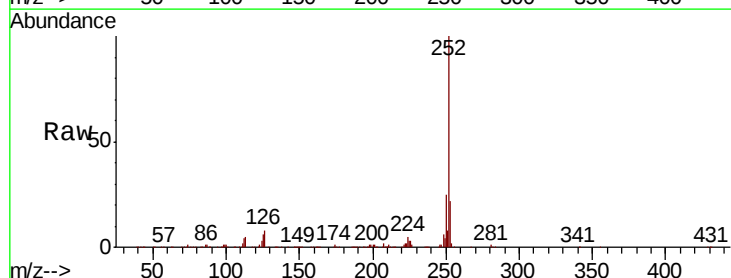
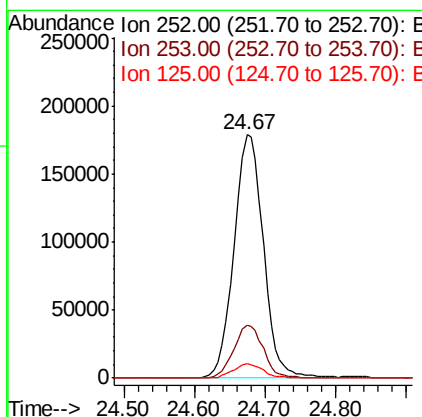
Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#90
Benzo(a)pyrene
Concen: 42.215 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.0	5.4	8.2





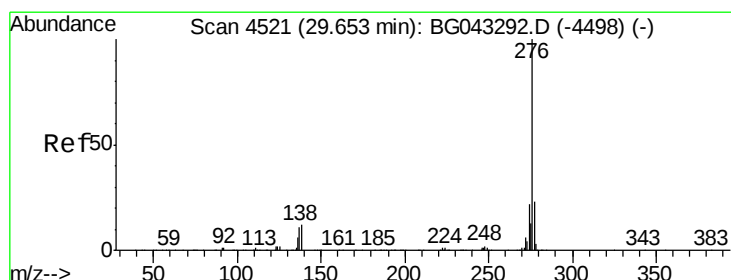
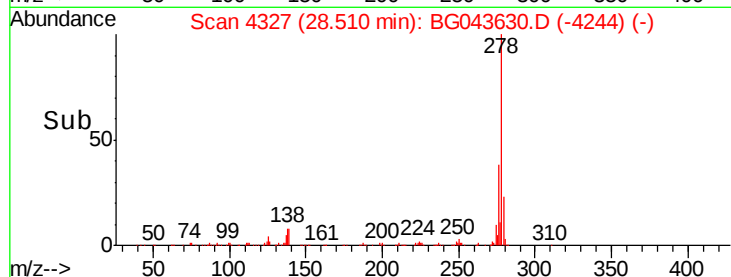
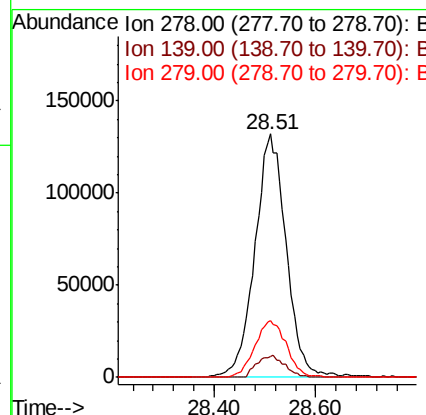
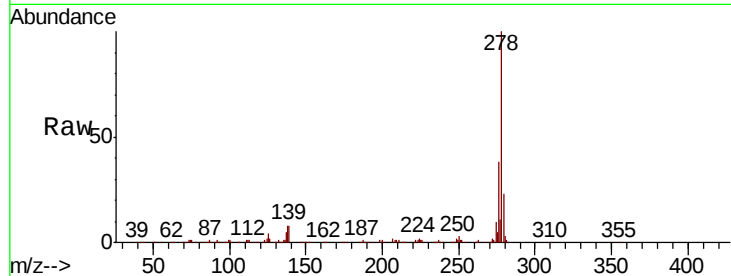
#91
Dibenzo(a,h)anthracene
Concen: 45.060 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.04 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB124780BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.4	11.0
279	23.2	19.1	28.7

Manual Integrations
APPROVED

mohammad
11/15/2019 6:00:23 PM



#92
Benzo(g,h,i)perylene
Concen: 45.344 ng
RT: 29.59 min Scan# 4511
Delta R.T. -0.04 min
Lab File: BG043630.D
Acq: 14 Nov 2019 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	11.2	8.9	13.3

