

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038126.D
 Acq On : 21 Nov 2018 20:54
 Operator : JU/SJ
 Sample : J5765-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:17 AM

Quant Time: Nov 22 01:38:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39335	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	173245	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109948	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	249589	20.00	ng	0.00
76) Chrysene-d12	21.75	240	230428	20.00	ng	0.00
87) Perylene-d12	25.07	264	245304	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	256605	112.63	ng	0.00
7) Phenol-d6	7.24	99	329783	101.41	ng	0.00
23) Nitrobenzene-d5	9.26	82	251404	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	139664	111.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	555078	73.55	ng	0.00
79) Terphenyl-d14	20.07	244	840966	85.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	34468	32.031	ng	# 1
3) Pyridine	3.93	79	99886	32.540	ng	94
4) n-Nitrosodimethylamine	3.85	42	54120	48.597	ng	93
6) Aniline	7.41	93	65090	15.508	ng	95
8) 2-Chlorophenol	7.65	128	120976	45.763	ng	97
9) Benzaldehyde	7.22	77	60526	25.736	ng	99
10) Phenol	7.26	94	134301	38.989	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	120982	43.021	ng	99
12) 1,3-Dichlorobenzene	7.97	146	124346	40.831	ng	96
13) 1,4-Dichlorobenzene	8.12	146	125735	40.872	ng	97
14) 1,2-Dichlorobenzene	8.44	146	123231	41.957	ng	99
15) Benzyl Alcohol	8.32	79	108762	46.220	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	246232	47.154	ng	98
17) 2-Methylphenol	8.52	107	105429	45.271	ng	98
18) Hexachloroethane	9.17	117	47024	42.001	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	101017	42.929	ng	96
20) 3+4-Methylphenols	8.85	107	149734	45.355	ng	99
22) Acetophenone	8.92	105	189356	43.930	ng	# 98
24) Nitrobenzene	9.30	77	151714	45.825	ng	95
25) Isophorone	9.82	82	288675	49.556	ng	99
26) 2-Nitrophenol	10.02	139	69988	42.345	ng	99
27) 2,4-Dimethylphenol	10.06	122	128388	51.557	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	173209	46.500	ng	96
29) 2,4-Dichlorophenol	10.54	162	130251	46.501	ng	100
30) 1,2,4-Trichlorobenzene	10.76	180	132511	42.217	ng	98
31) Naphthalene	10.95	128	410909	48.223	ng	99
32) Benzoic acid	10.18	122	43324m	32.410	ng	
33) 4-Chloroaniline	11.07	127	14704	3.710	ng	96
34) Hexachlorobutadiene	11.22	225	78556	40.665	ng	97
35) Caprolactam	11.85	113	33804	30.151	ng	# 87
36) 4-Chloro-3-methylphenol	12.17	107	143056	46.748	ng	93
37) 2-Methylnaphthalene	12.55	142	295244	48.237	ng	97
38) 1-Methylnaphthalene	12.78	142	283690	48.151	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	150776	41.039	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038126.D
 Acq On : 21 Nov 2018 20:54
 Operator : JU/SJ
 Sample : J5765-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 NB-08-112018MS

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:17 AM

Quant Time: Nov 22 01:38:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	168669	85.735	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	108031	43.151	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	114348	43.409	ng	98
46) 1,1'-Biphenyl	13.55	154	380163	41.157	ng	99
47) 2-Chloronaphthalene	13.60	162	300394	42.618	ng	99
48) 2-Nitroaniline	13.81	65	104950	47.310	ng	100
49) Acenaphthylene	14.44	152	500064	47.178	ng	99
50) Dimethylphthalate	14.17	163	395293	45.351	ng	100
51) 2,6-Dinitrotoluene	14.30	165	90308	45.778	ng	97
52) Acenaphthene	14.79	154	291473	45.678	ng	100
53) 3-Nitroaniline	14.63	138	28648	13.160	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	36445	39.542	ng	# 86
55) Dibenzofuran	15.12	168	468823	44.432	ng	98
56) 4-Nitrophenol	14.93	139	111006	66.118	ng	93
57) 2,4-Dinitrotoluene	15.09	165	125561	46.779	ng	96
58) Fluorene	15.77	166	385518	48.970	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	100342	45.522	ng	97
60) Diethylphthalate	15.52	149	406913	43.952	ng	97
61) 4-Chlorophenyl-phenylether	15.76	204	193789	42.068	ng	99
62) 4-Nitroaniline	15.80	138	93812	43.381	ng	97
63) Azobenzene	16.05	77	379132	45.801	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	44007	27.876	ng	98
66) n-Nitrosodiphenylamine	15.97	169	340701	45.121	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	119715	43.700	ng	93
68) Hexachlorobenzene	16.76	284	124441	44.008	ng	97
69) Atrazine	16.91	200	124983	44.902	ng	99
70) Pentachlorophenol	17.11	266	113129	58.908	ng	98
71) Phenanthrene	17.51	178	637803	49.912	ng	100
72) Anthracene	17.61	178	629692	49.990	ng	99
73) Carbazole	17.88	167	575308	45.523	ng	100
74) Di-n-butylphthalate	18.40	149	681608	48.046	ng	99
75) Fluoranthene	19.52	202	720600	49.426	ng	99
77) Benzidine	19.70	184	55231	6.831	ng	97
78) Pyrene	19.88	202	733910	48.714	ng	99
80) Butylbenzylphthalate	20.75	149	316311	48.010	ng	99
81) Benzo(a)anthracene	21.73	228	680964	48.902	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	90882	16.755	ng	99
83) Chrysene	21.80	228	634899	47.654	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	443961	47.251	ng	99
85) Di-n-octyl phthalate	22.84	149	757517	49.835	ng	99
86) Indeno(1,2,3-cd)pyrene	28.87	276	665849	44.998	ng	97
88) Benzo(b)fluoranthene	24.01	252	669456	49.592	ng	99
89) Benzo(k)fluoranthene	24.08	252	664172	49.861	ng	98
90) Benzo(a)pyrene	24.91	252	658914	51.075	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	566238	45.617	ng	97
92) Benzo(g,h,i)perylene	30.09	276	559061	45.296	ng	98

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

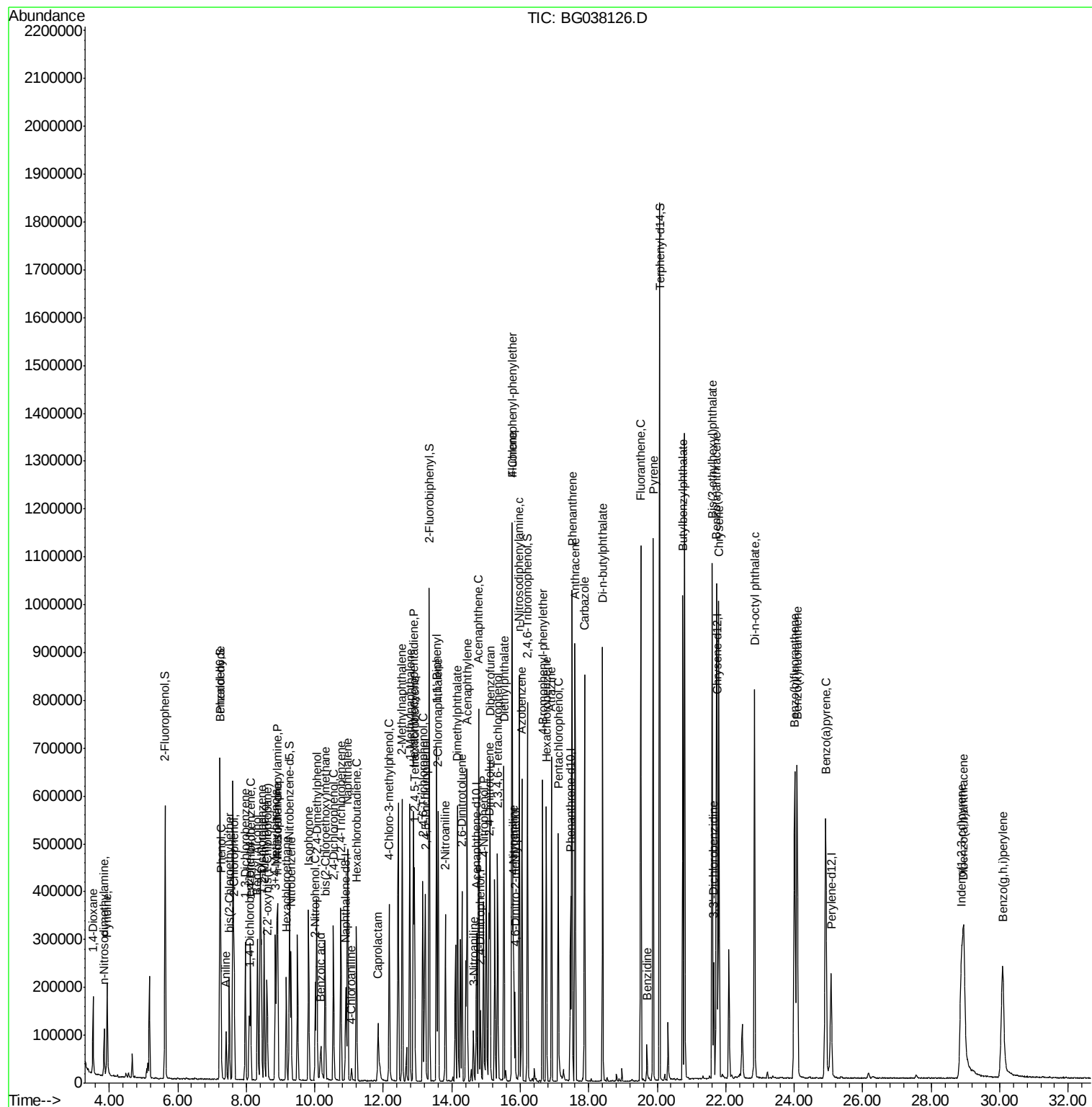
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038126.D
Acq On : 21 Nov 2018 20:54
Operator : JU/SJ
Sample : J5765-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

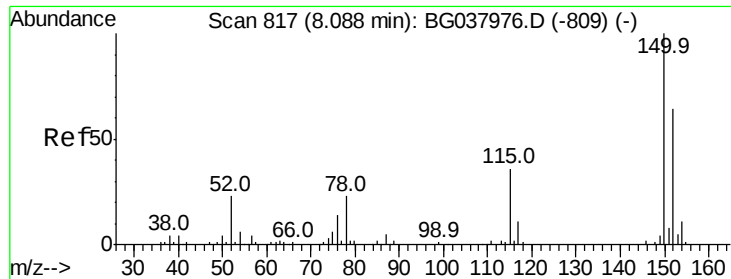
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

Quant Time: Nov 22 01:38:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration





#1

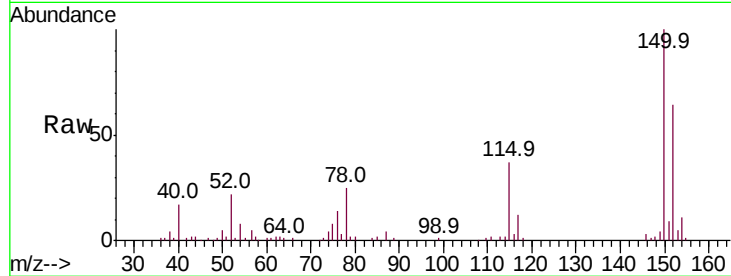
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.0	189.0
115	57.8	45.5	68.3

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

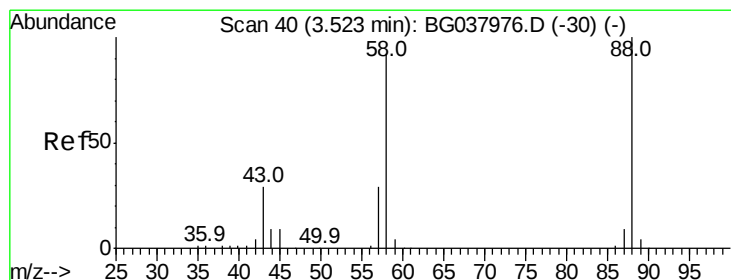
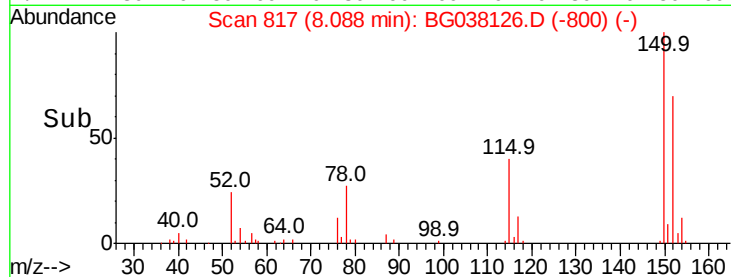
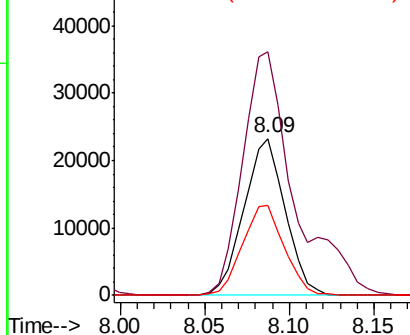


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

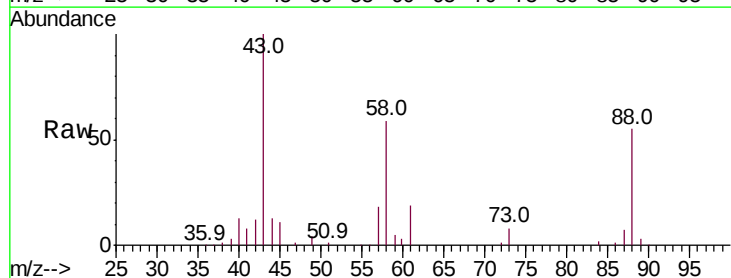
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.031 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.1	74.4	111.6
43	247.5	25.8	38.8#

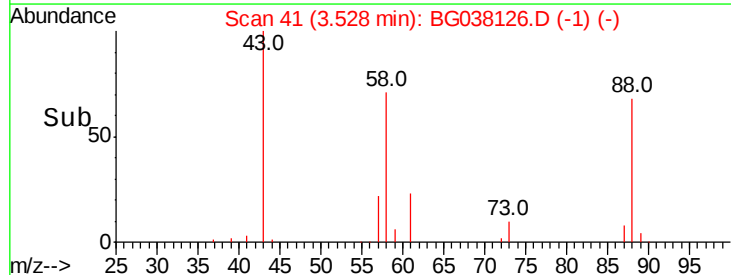
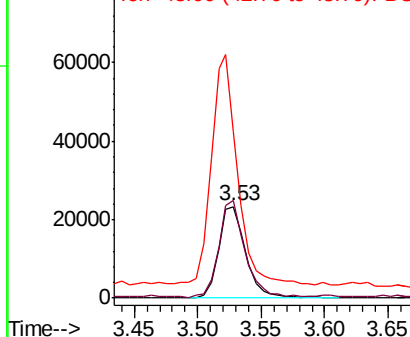


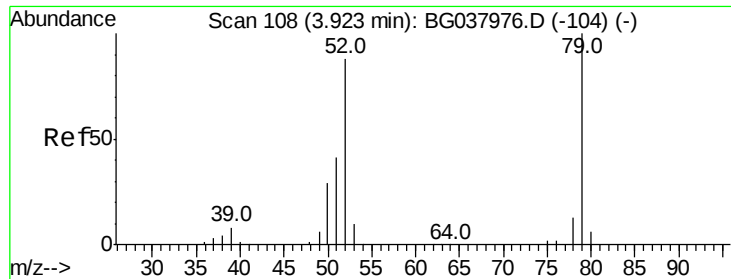
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.540 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tot Ion: 79 Resp: 99886

Ion Ratio Lower Upper

79 100

52 98.8 74.2 111.2

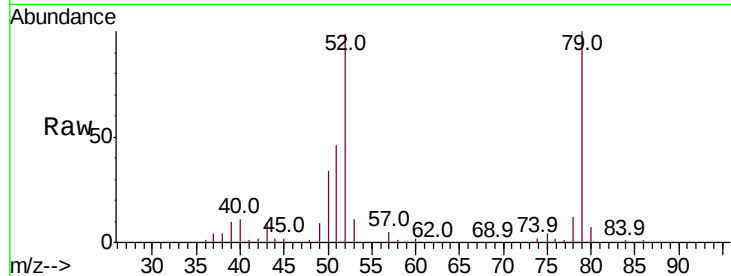
51 45.9 34.6 51.8

Manual Integrations

APPROVED

mohammad

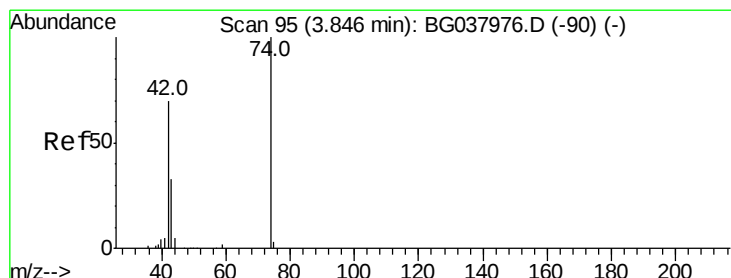
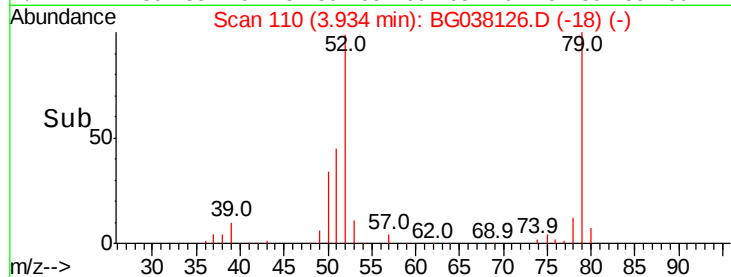
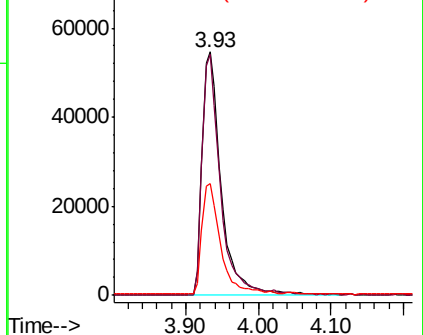
11/23/2018 11:50:17 AM



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.597 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

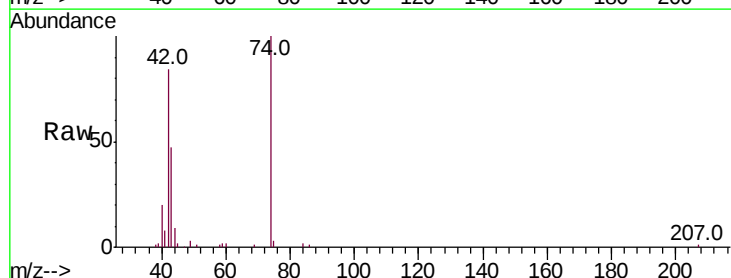
Tgt Ion: 42 Resp: 54120

Ion Ratio Lower Upper

42 100

74 119.1 102.0 153.0

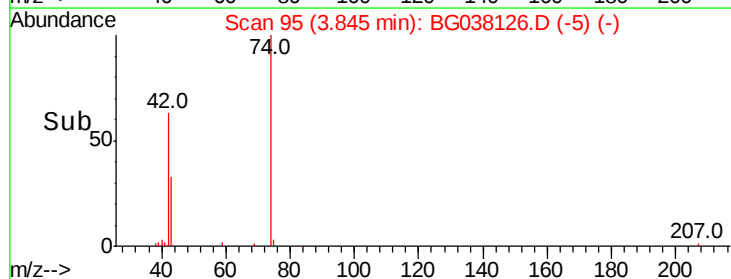
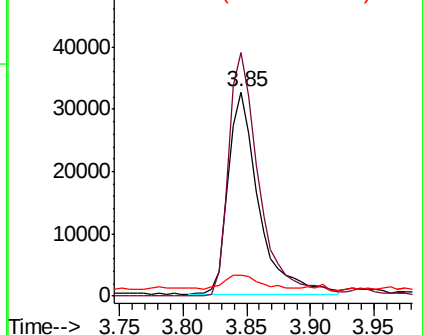
44 10.5 9.6 14.4

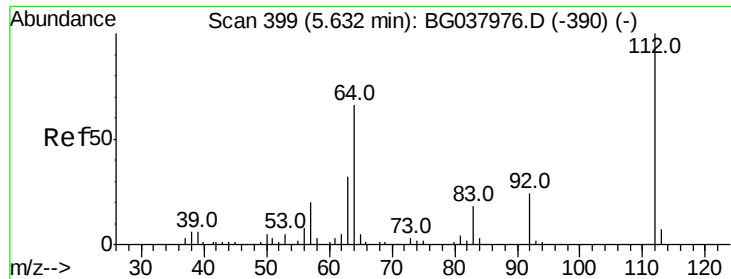


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 112.634 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

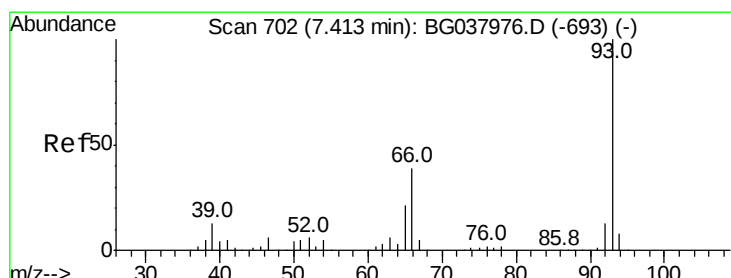
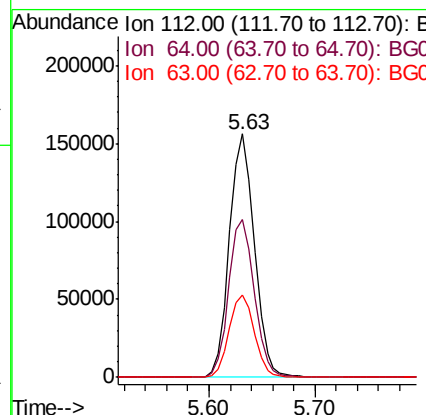
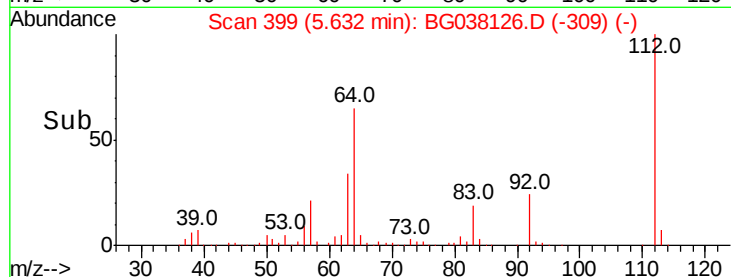
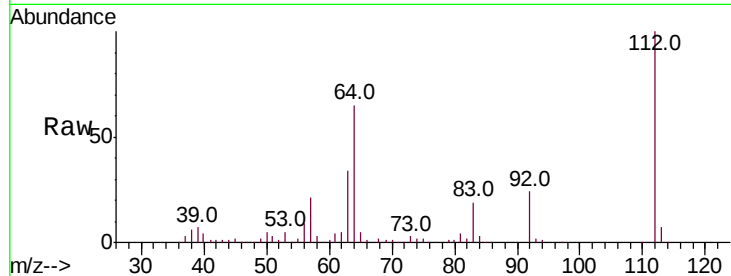
ClientSampleId :

NB-08-112018MS

Tot Ion:	112	Resp:	256605
Ion Ratio	Lower	Upper	
112	100		
64	64.6	53.1	79.7
63	34.0	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#6

Aniline

Concen: 15.508 ng

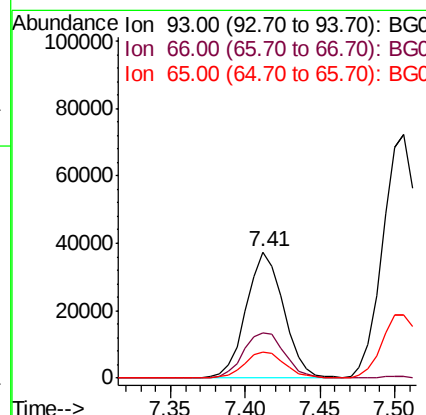
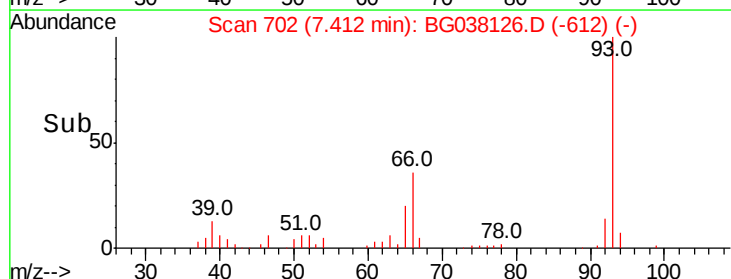
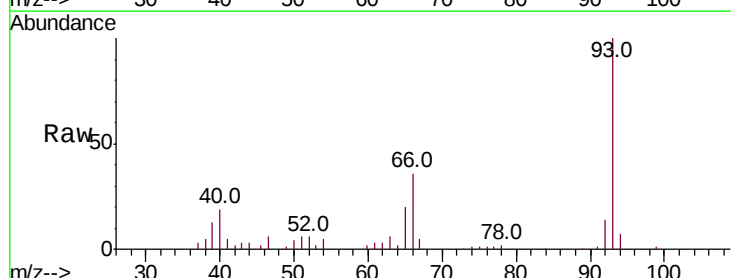
RT: 7.41 min Scan# 702

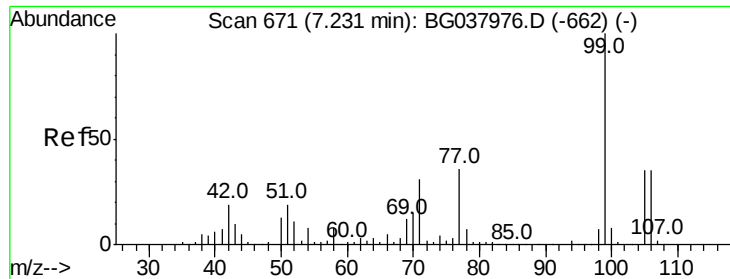
Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:	93	Resp:	65090
Ion Ratio	Lower	Upper	
93	100		
66	36.1	32.8	49.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 101.408 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

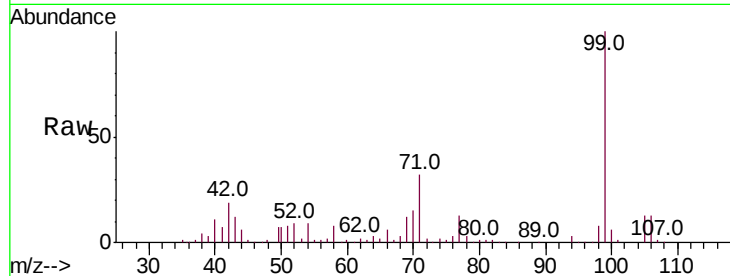
ClientSampleId :

NB-08-112018MS

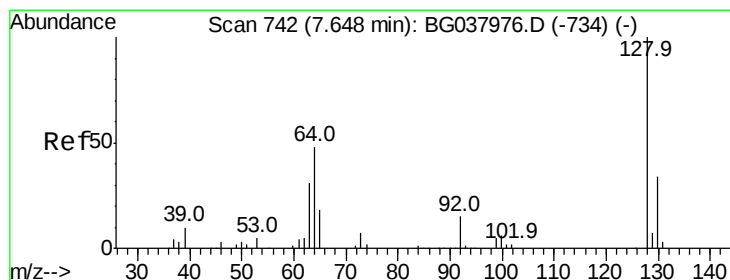
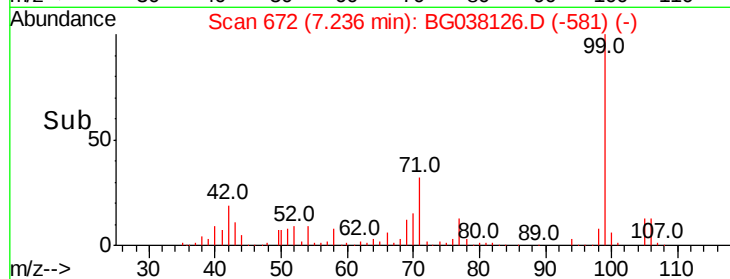
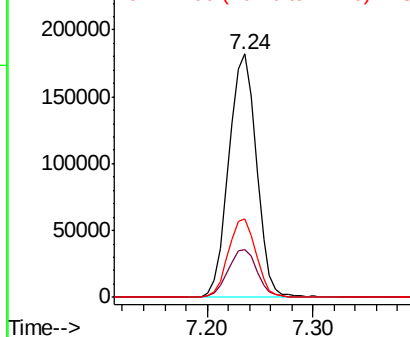
Tot Ion:	99	Resp:	329783
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.0	22.4
71	32.1	25.5	38.3

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.763 ng

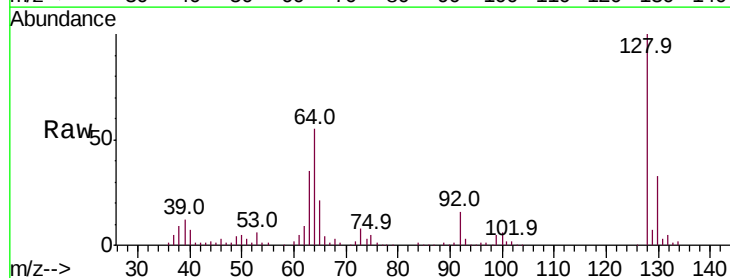
RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

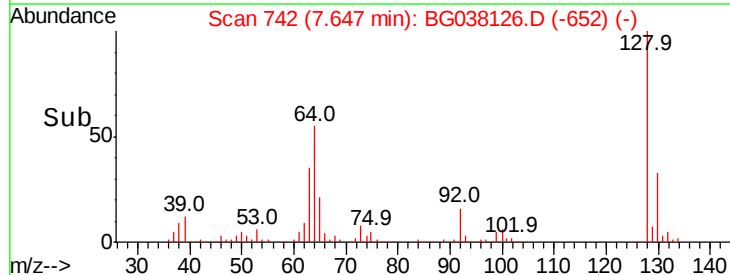
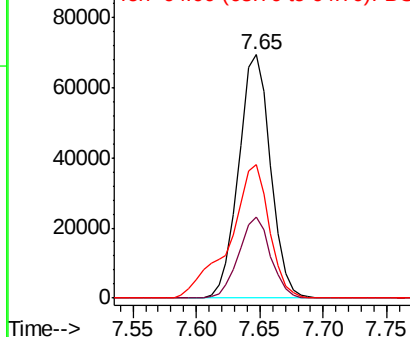
Lab File: BG038126.D

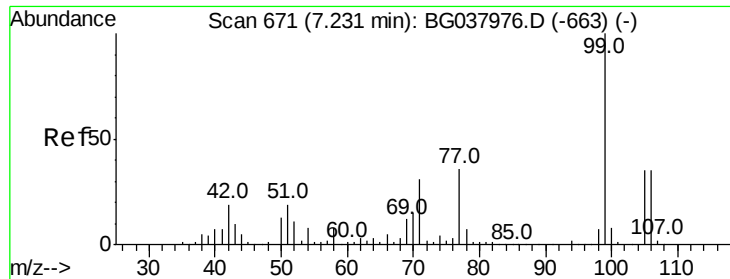
Acq: 21 Nov 2018 20:54

Tgt Ion:	128	Resp:	120976
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	55.1	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.736 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tot Ion: 77 Resp: 60526

Ion Ratio Lower Upper

77 100

105 93.5 72.6 112.6

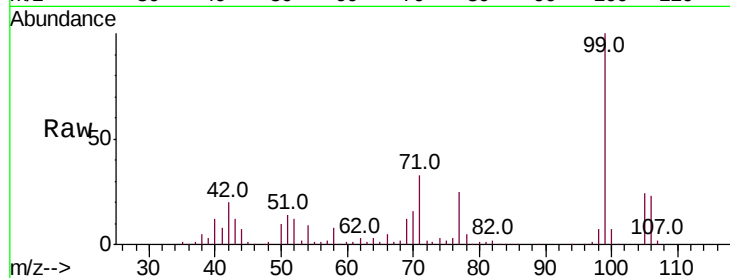
106 91.7 71.3 111.3

Manual Integrations

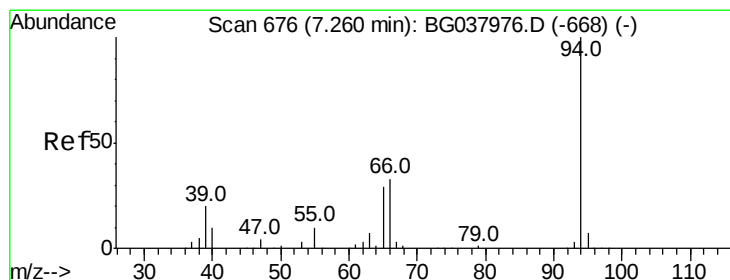
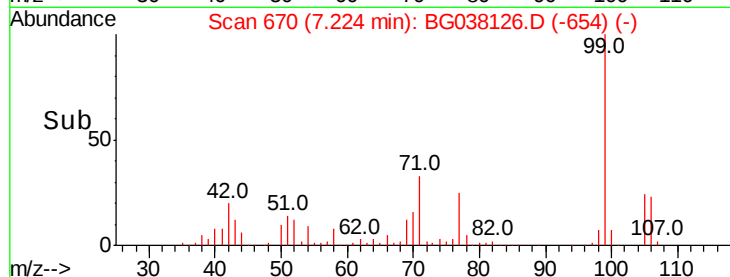
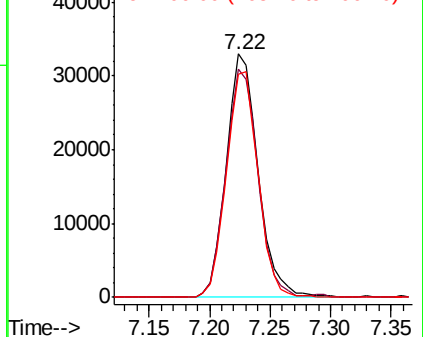
APPROVED

mohammad

11/23/2018 11:50:17 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.989 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

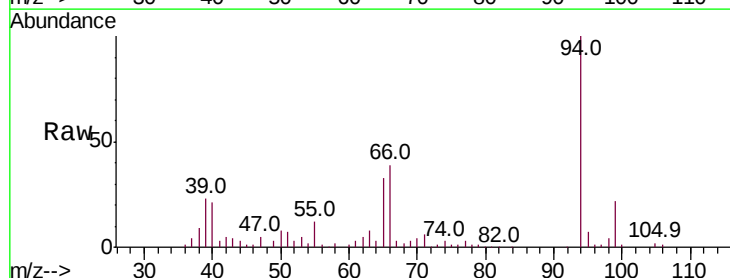
Tgt Ion: 94 Resp: 134301

Ion Ratio Lower Upper

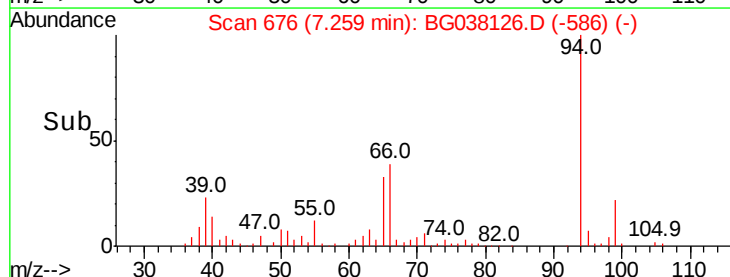
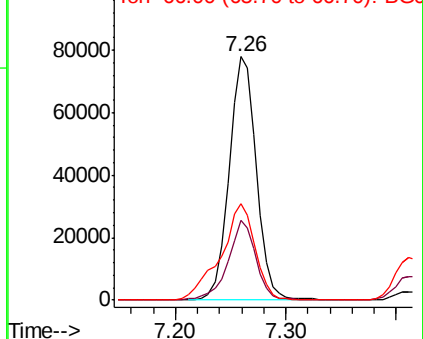
94 100

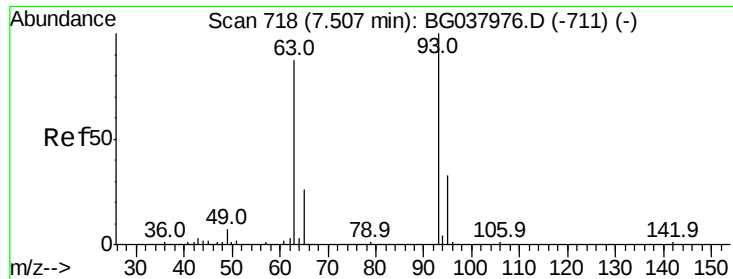
65 32.7 9.7 49.7

66 39.5 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





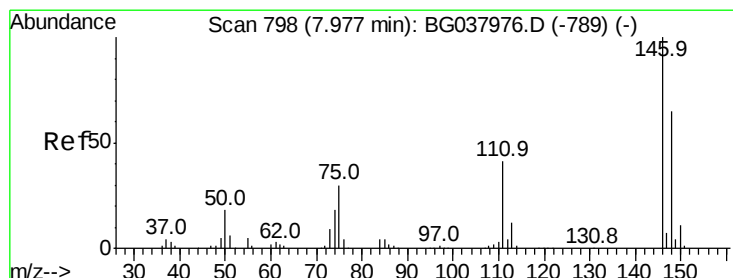
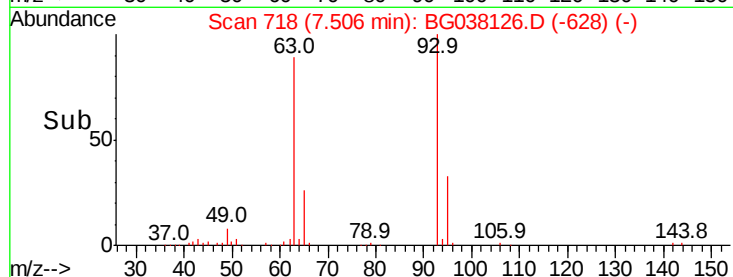
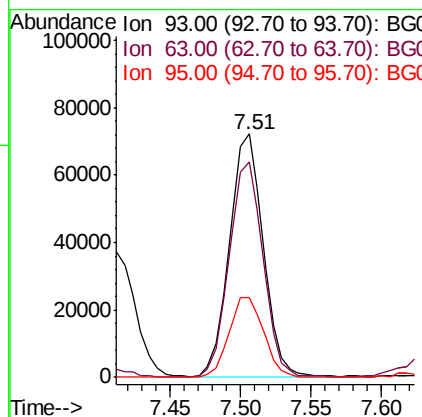
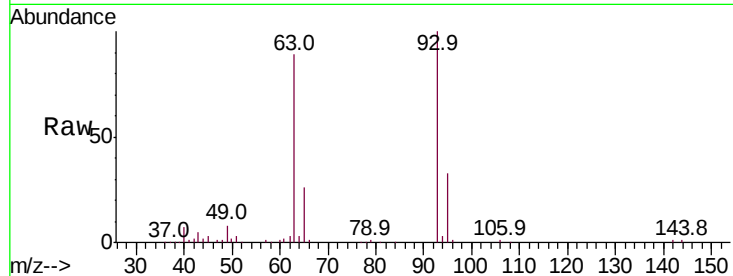
#11
bis(2-Chloroethyl)ether
Concen: 43.021 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	69.5	109.5
95	32.8	12.6	52.6

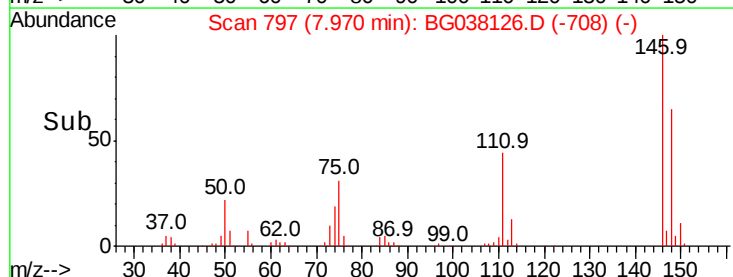
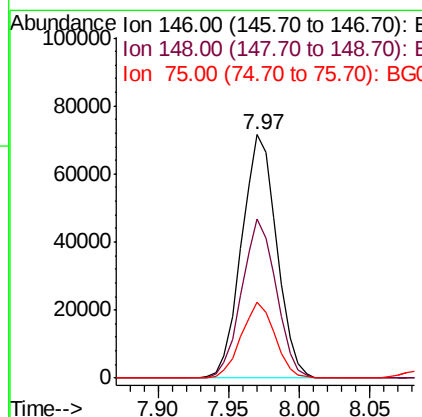
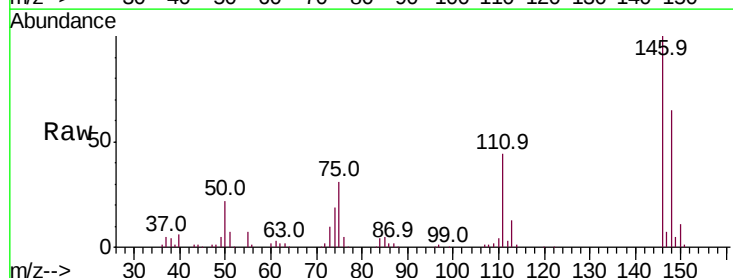
Manual Integrations
APPROVED

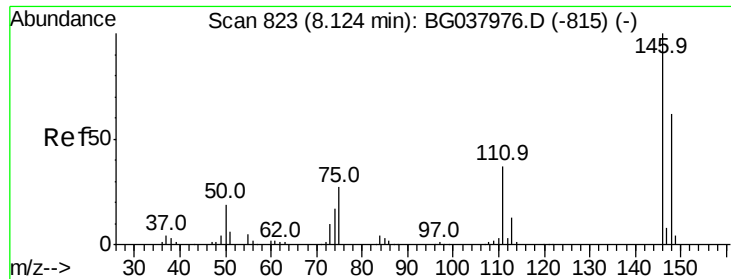
mohammad
11/23/2018 11:50:17 AM



#12
1,3-Dichlorobenzene
Concen: 40.831 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.8
75	31.1	23.2	34.8





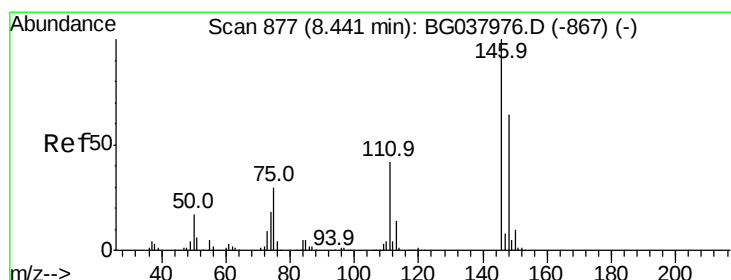
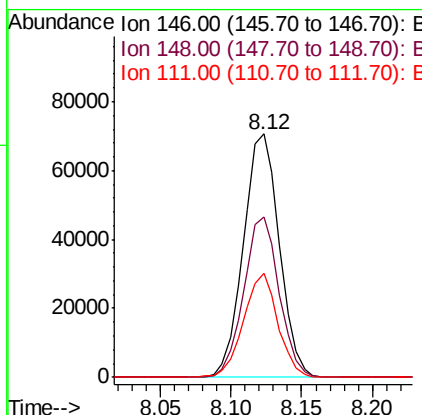
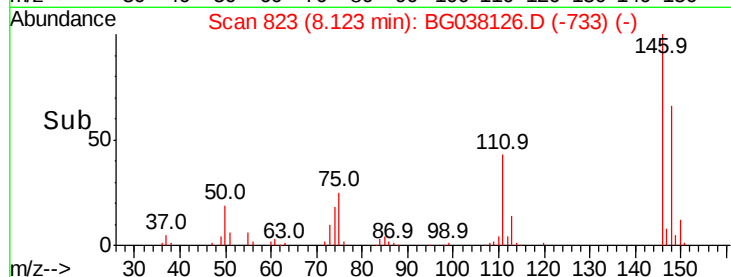
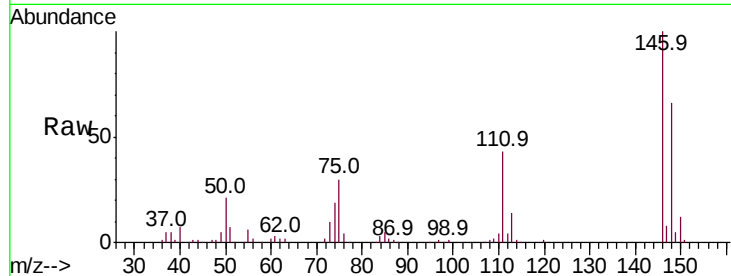
#13
 1,4-Dichlorobenzene
 Concen: 40.872 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.6
111	43.0	32.4	48.6

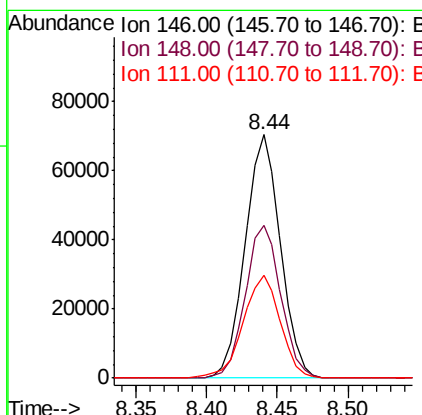
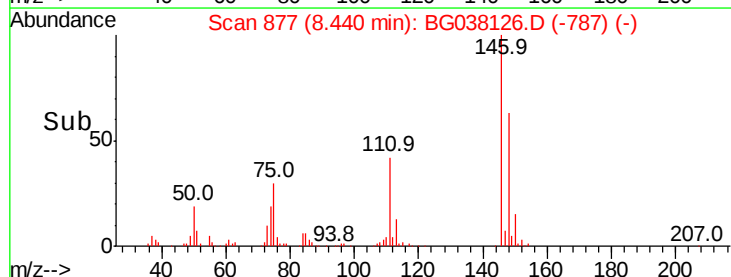
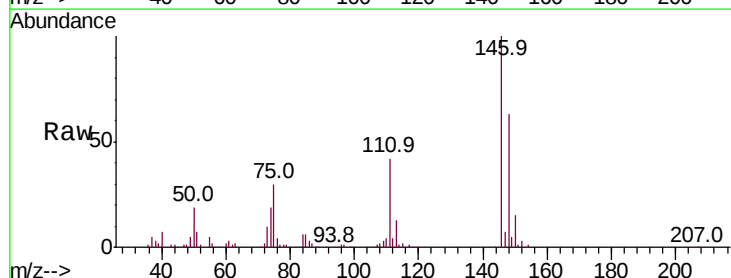
Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.957 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	42.0	34.6	51.8





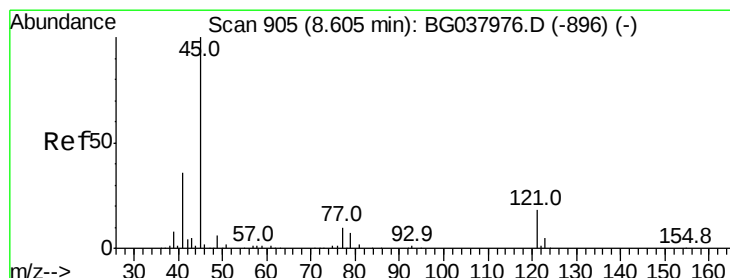
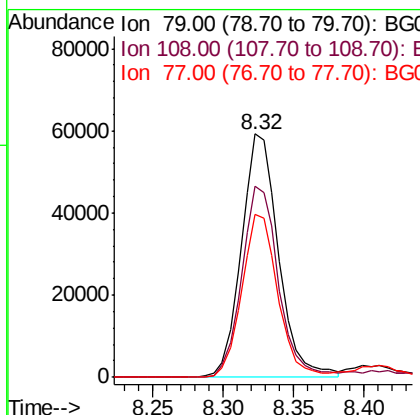
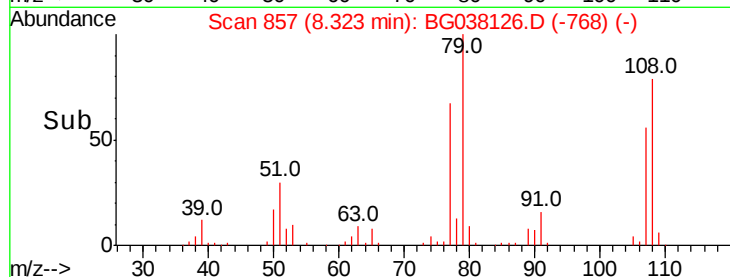
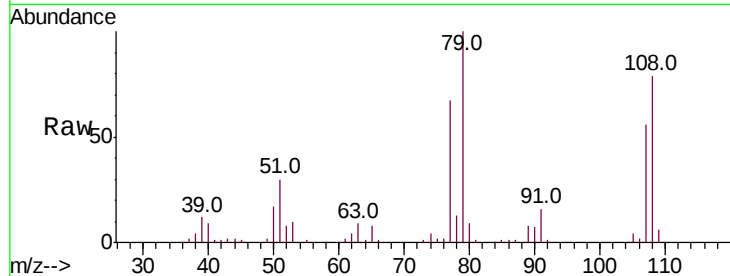
#15
Benzyl Alcohol
Concen: 46.220 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.8	98.8
77	66.7	52.9	79.3

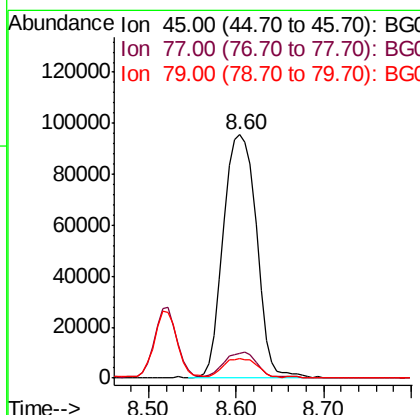
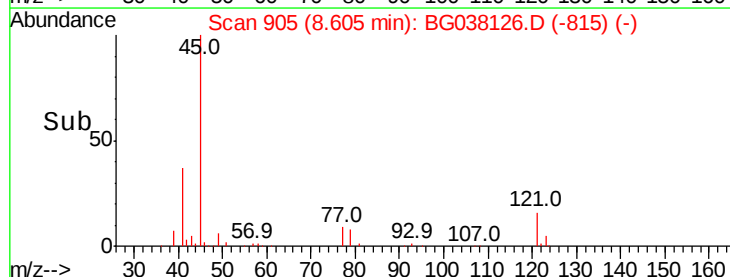
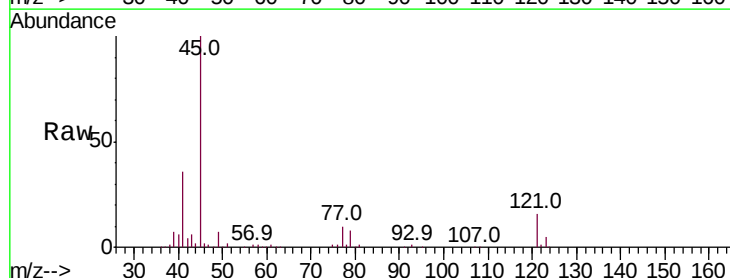
Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.154 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	30.0
79	8.1	0.0	29.0





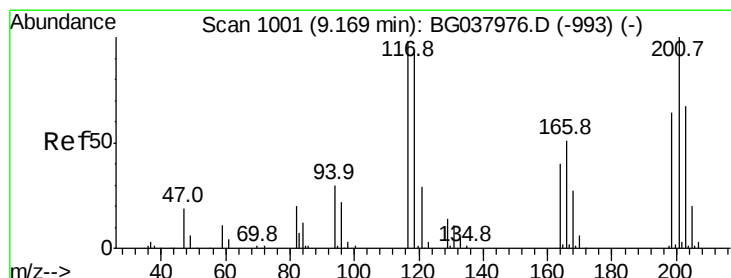
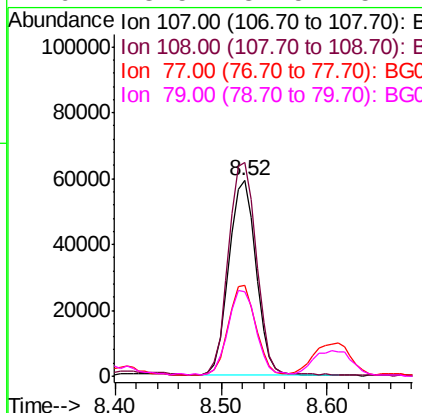
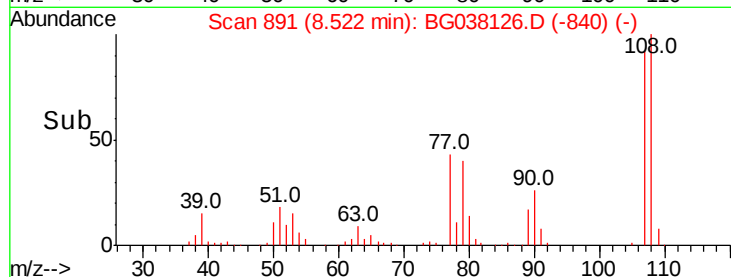
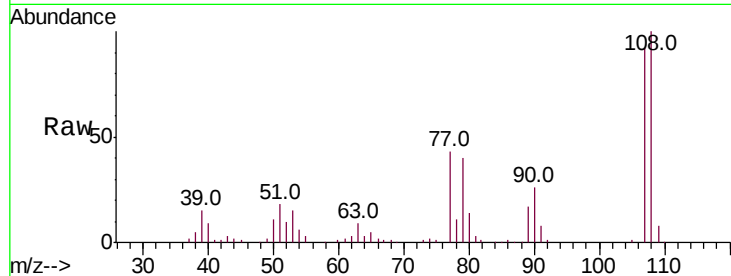
#17
2-Methylphenol
Concen: 45.271 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.9	131.9	
77	46.8	35.1	52.7	
79	43.5	34.5	51.7	

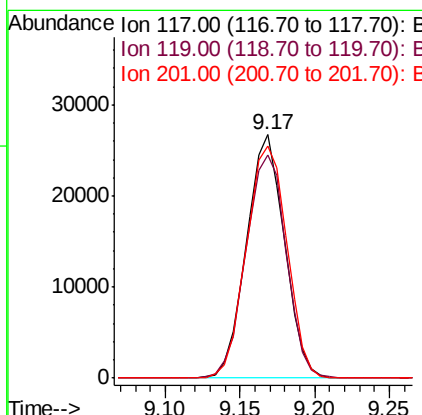
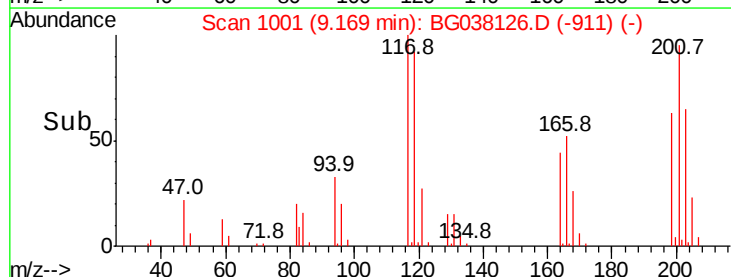
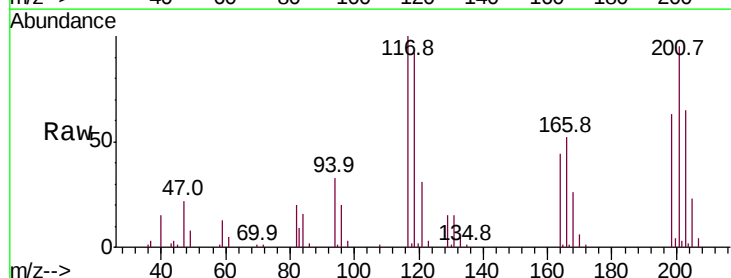
Manual Integrations
APPROVED

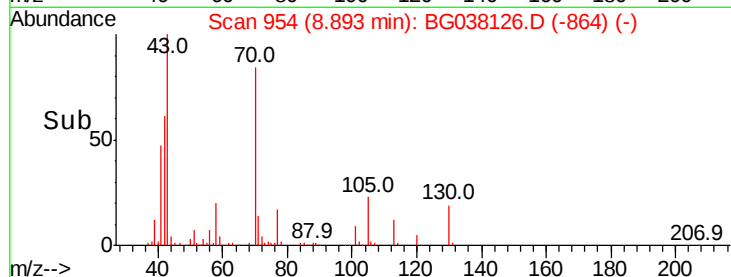
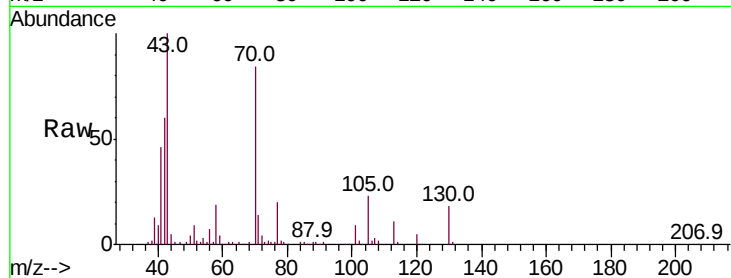
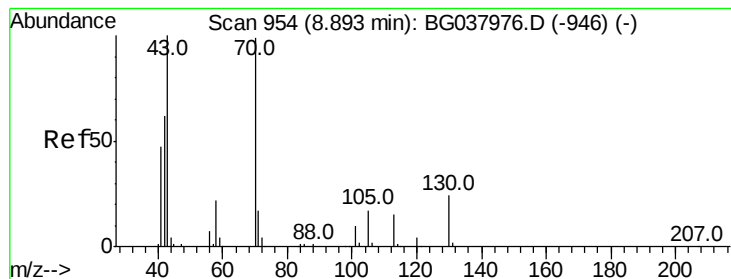
mohammad
11/23/2018 11:50:17 AM



#18
Hexachloroethane
Concen: 42.001 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.6	74.6	111.8	
201	98.5	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 42.929 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

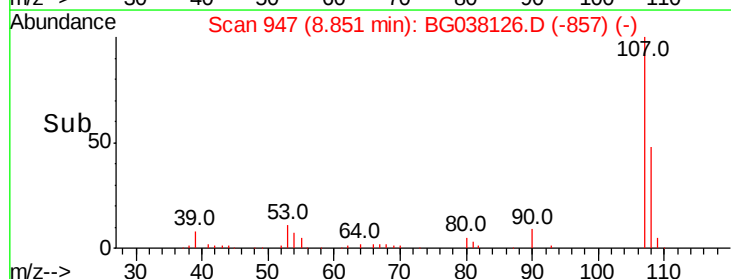
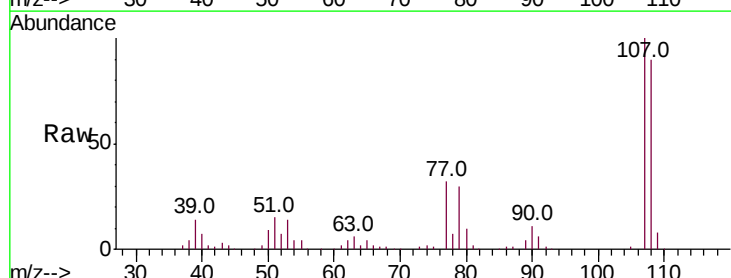
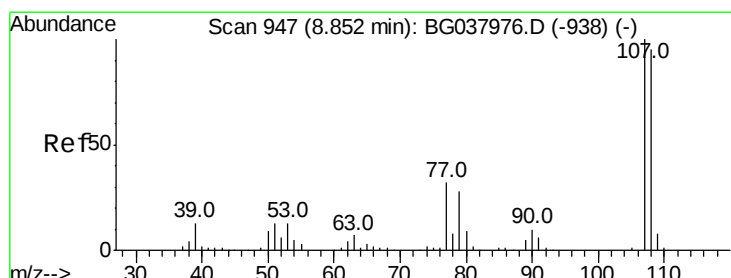
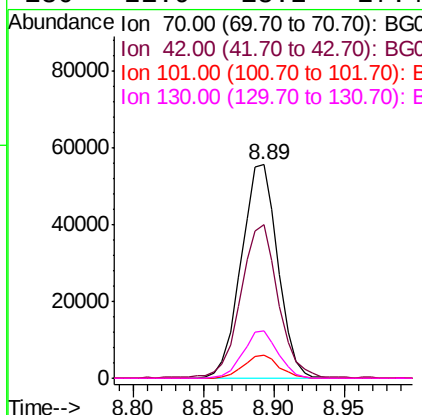
ClientSampleId :

NB-08-112018MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.1	53.9	80.9	
101	10.7	8.2	12.2	
130	21.9	18.2	27.4	

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#20

3+4-Methylphenols

Concen: 45.355 ng

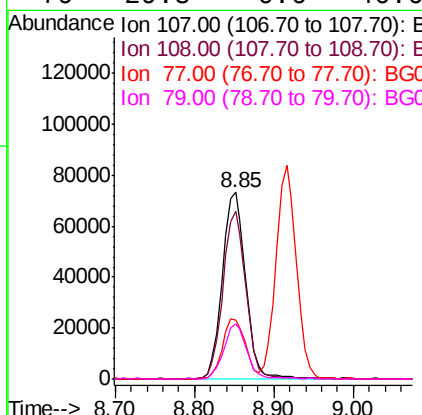
RT: 8.85 min Scan# 947

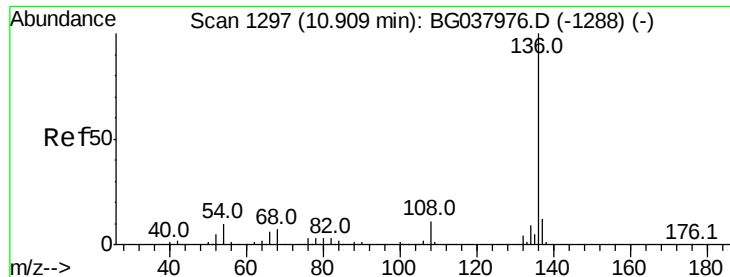
Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	69.9	109.9	
77	31.7	11.2	51.2	
79	29.8	6.6	46.6	





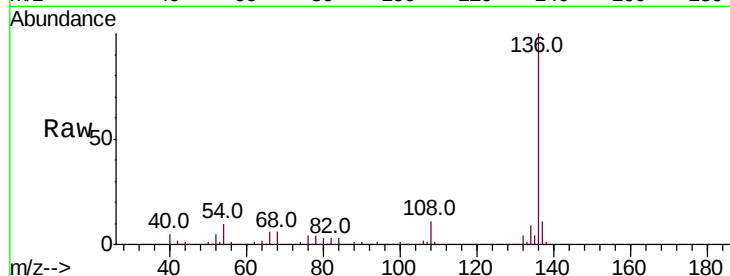
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

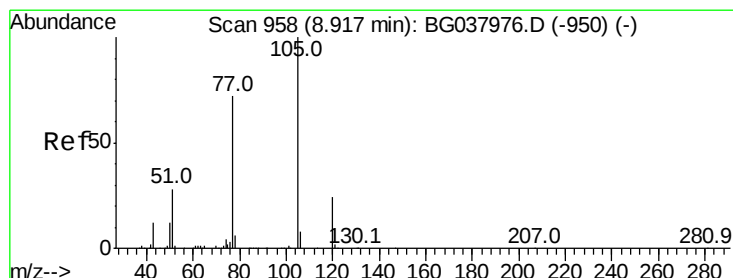
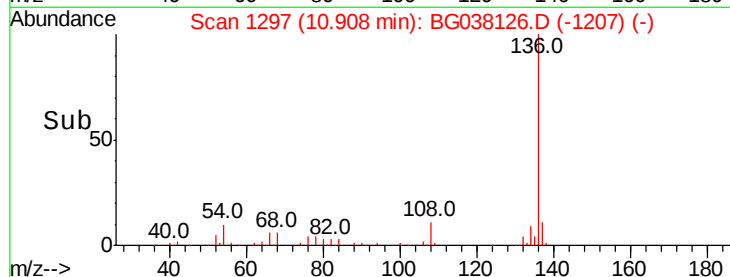
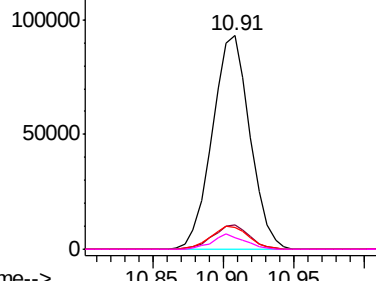
Tot Ion	Ratio	Resp	Lower	Upper
136	100	173245		
137	11.4		9.6	14.4
54	10.3		7.9	11.9
68	5.6		4.8	7.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



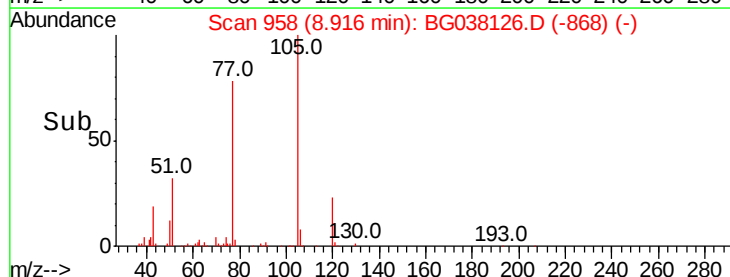
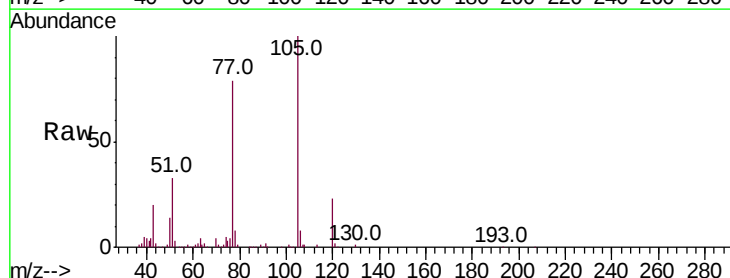
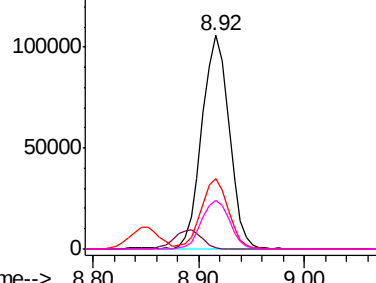
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

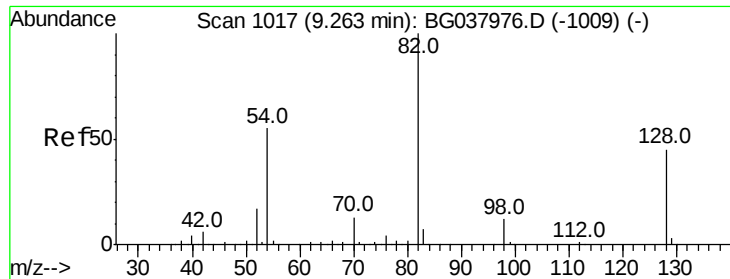


#22
Acetophenone
Concen: 43.930 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189356		
71	0.7		1.2	1.8#
51	32.7		25.0	37.6
120	23.0		18.6	28.0

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





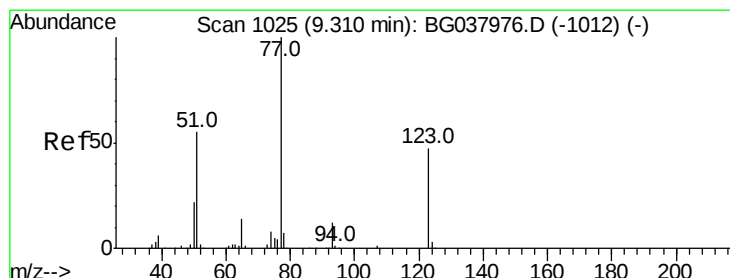
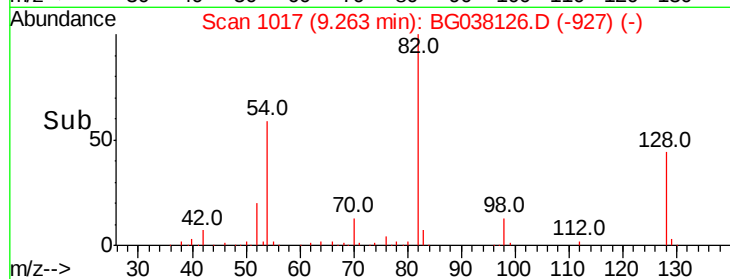
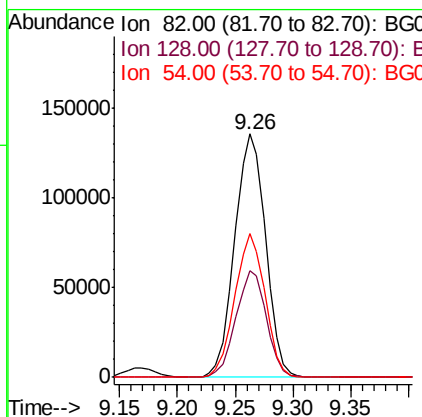
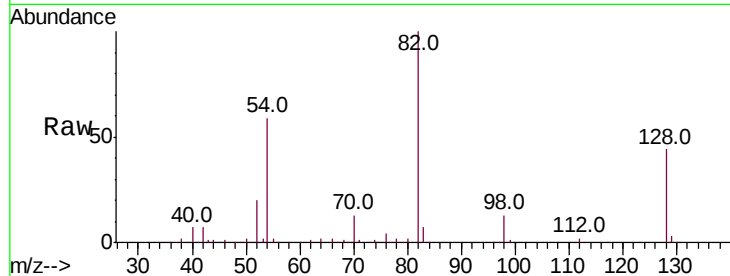
#23
Nitrobenzene-d5
Concen: 77.680 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	59.3	45.3	67.9

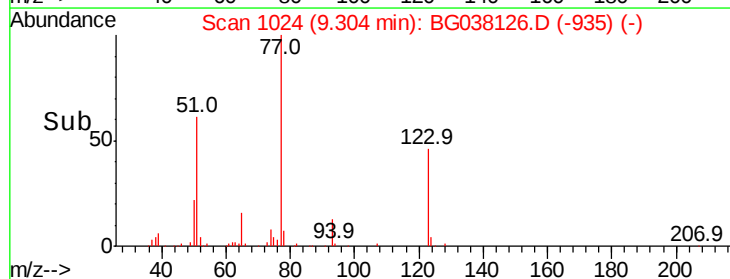
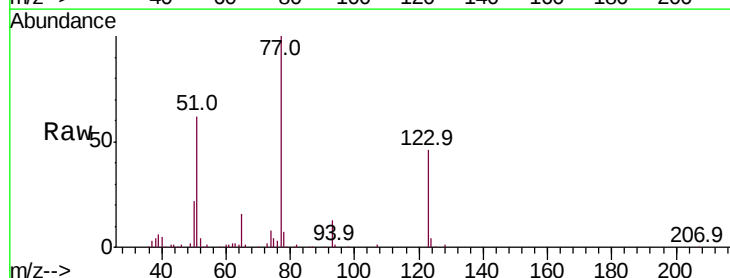
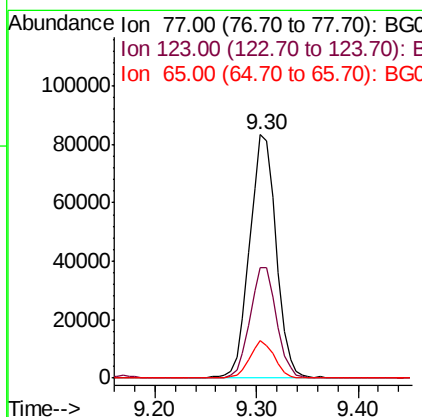
Manual Integrations
APPROVED

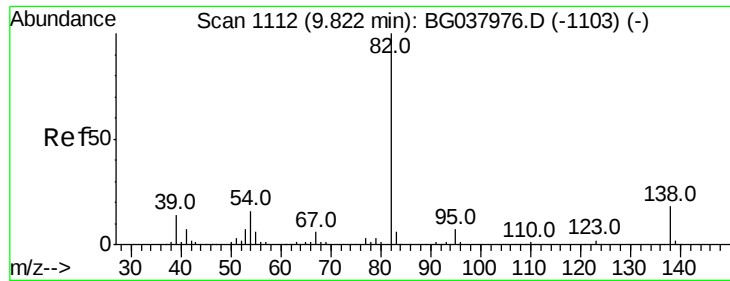
mohammad
11/23/2018 11:50:17 AM



#24
Nitrobenzene
Concen: 45.825 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	15.6	11.3	16.9





#25

Isophorone

Concen: 49.556 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tot Ion: 82 Resp: 288675

Ion Ratio Lower Upper

82 100

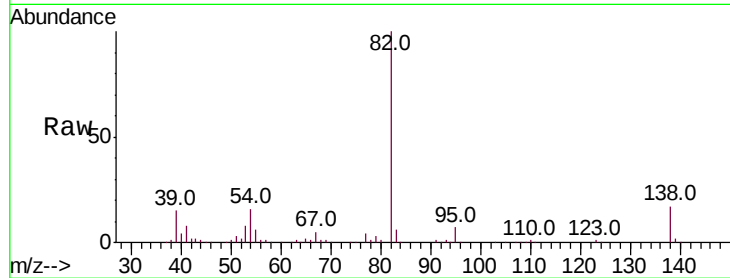
95 7.1 5.3 7.9

138 17.2 13.3 19.9

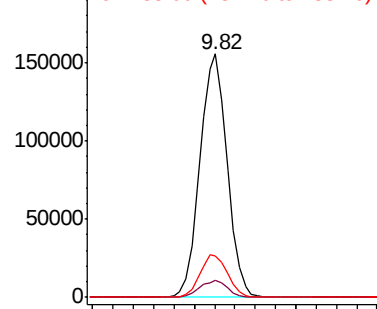
Manual Integrations
APPROVED

mohammad

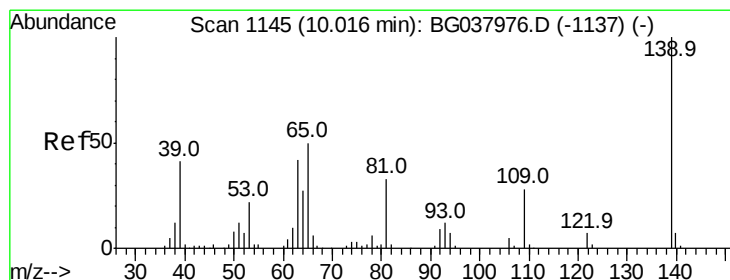
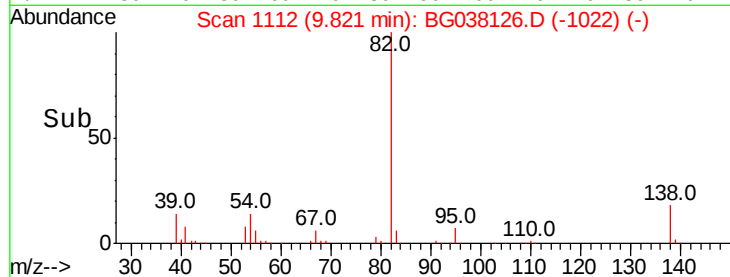
11/23/2018 11:50:17 AM



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time--> 9.70 9.80 9.90



#26

2-Nitrophenol

Concen: 42.345 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

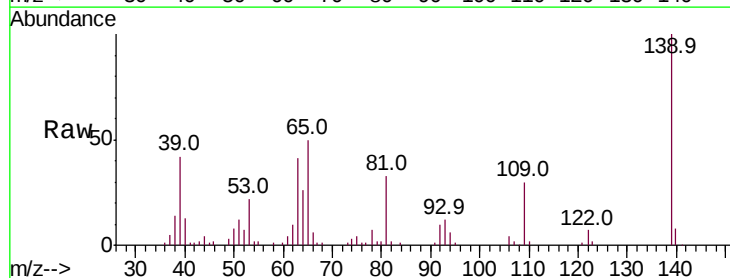
Tgt Ion: 139 Resp: 69988

Ion Ratio Lower Upper

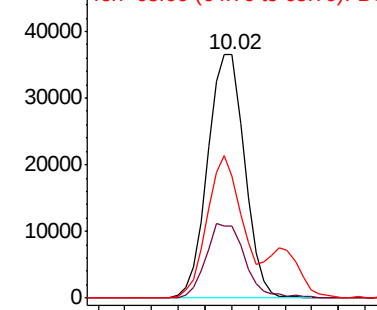
139 100

109 29.8 23.3 34.9

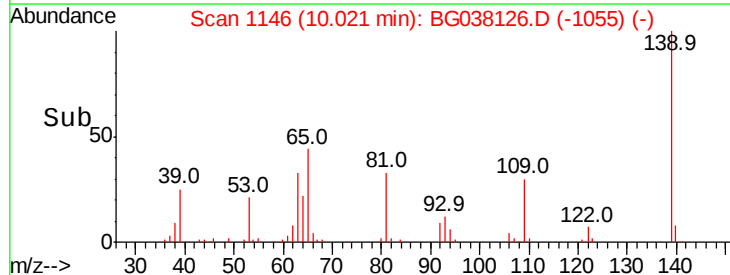
65 50.3 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time--> 10.00 10.10





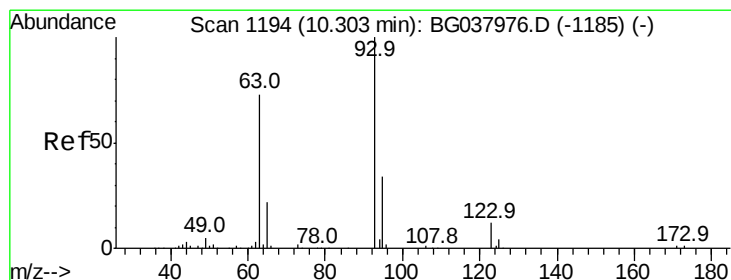
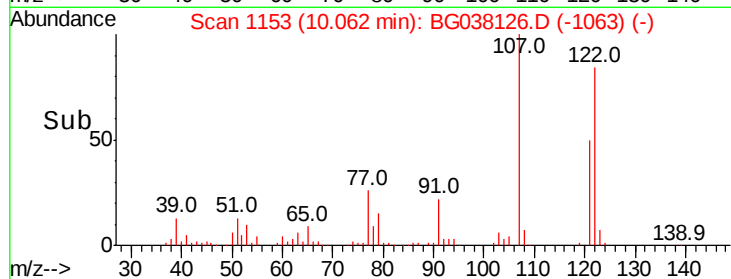
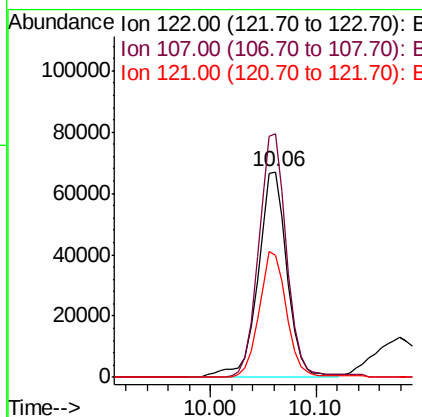
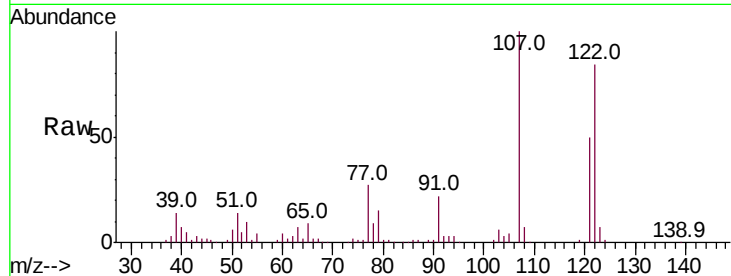
#27
2,4-Dimethylphenol
Concen: 51.557 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.2	141.2
121	59.2	47.3	70.9

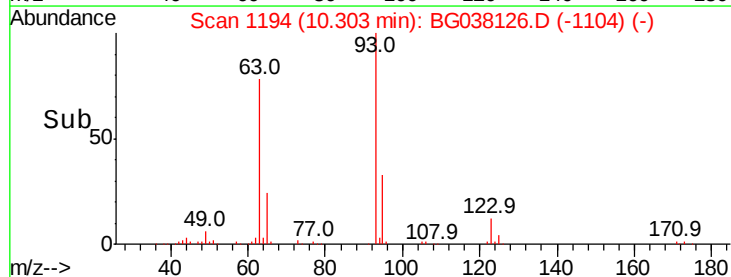
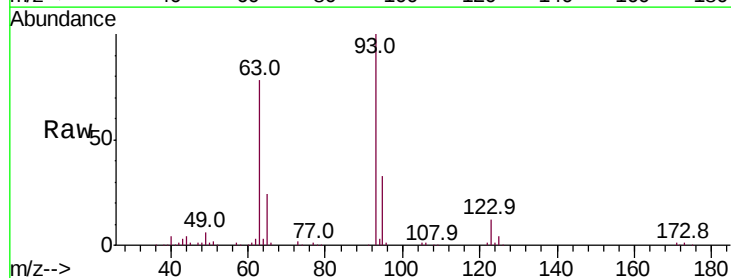
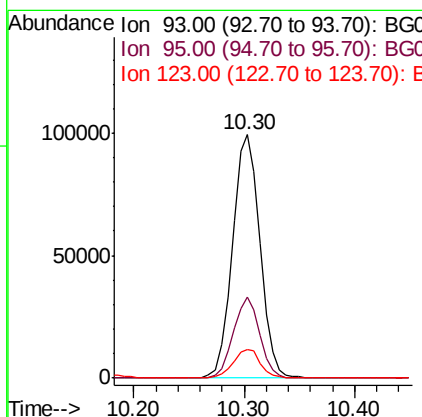
Manual Integrations
APPROVED

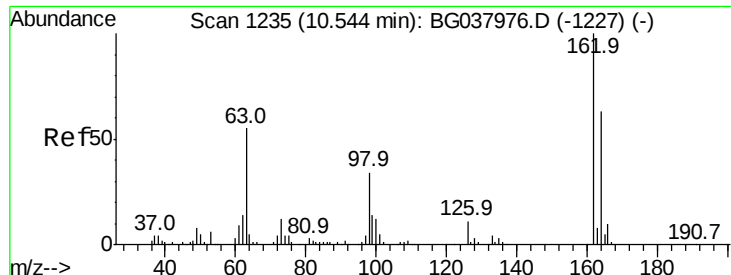
mohammad
11/23/2018 11:50:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.500 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.6	37.0
123	11.6	9.1	13.7





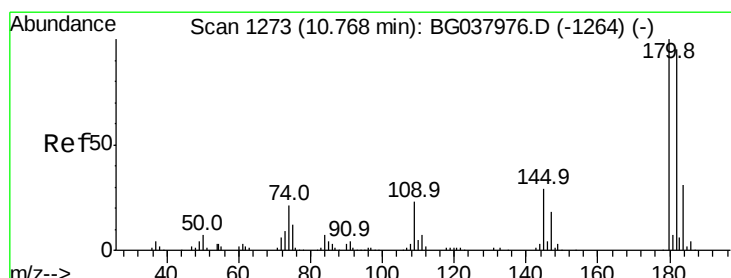
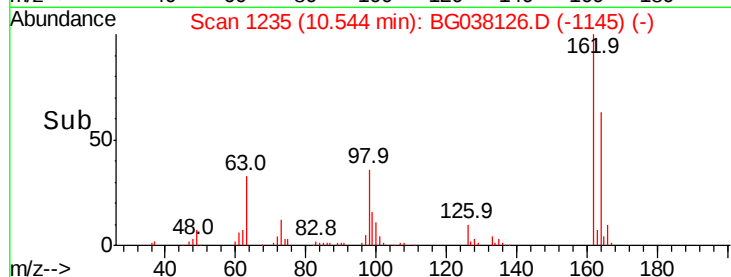
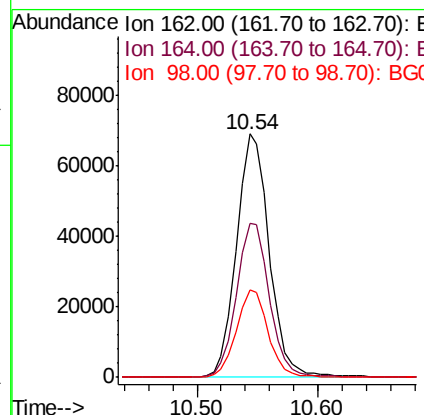
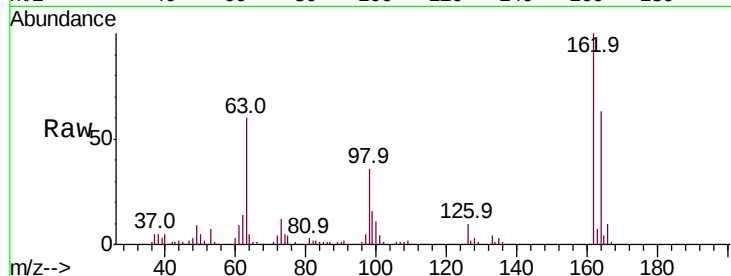
#29
2,4-Dichlorophenol
Concen: 46.501 ng
RT: 10.54 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130251		
164	63.3	43.2	83.2	
98	36.2	16.0	56.0	

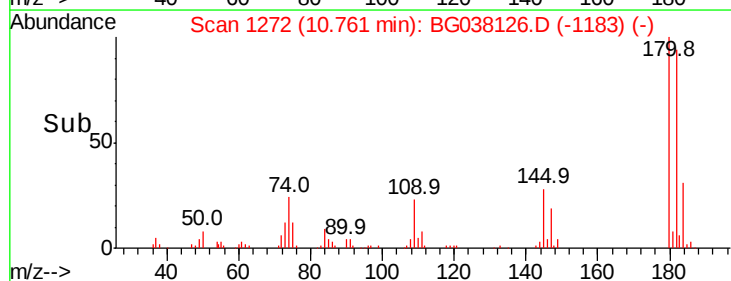
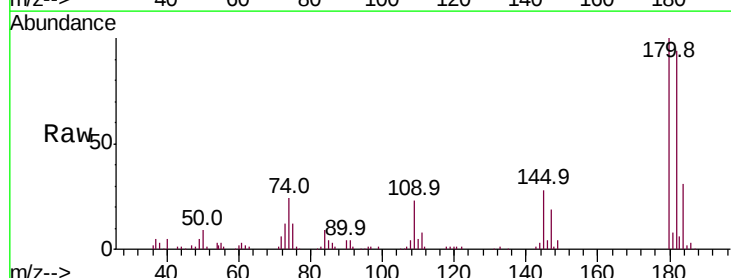
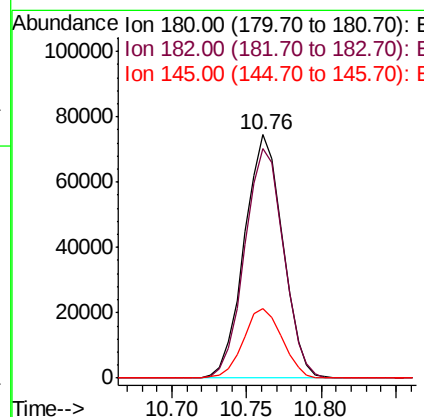
Manual Integrations
APPROVED

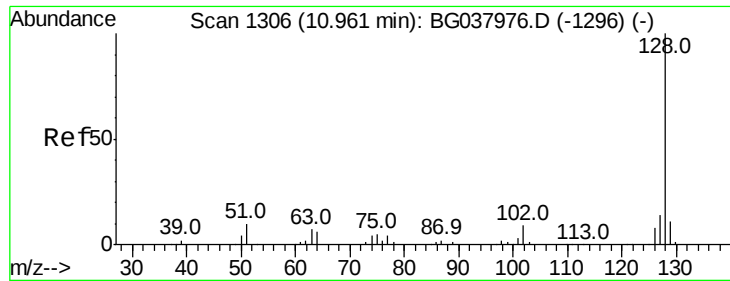
mohammad
11/23/2018 11:50:17 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.217 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132511		
182	94.3	77.7	116.5	
145	28.5	23.3	34.9	





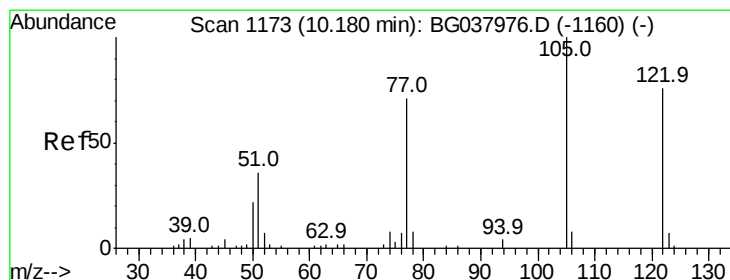
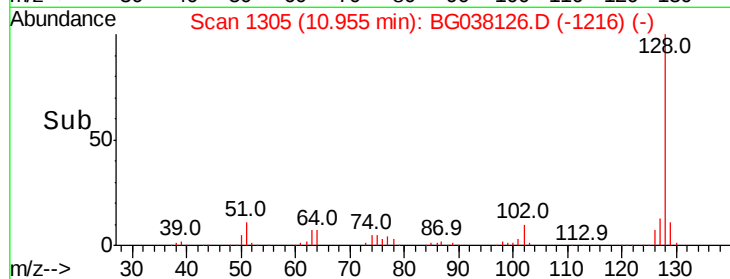
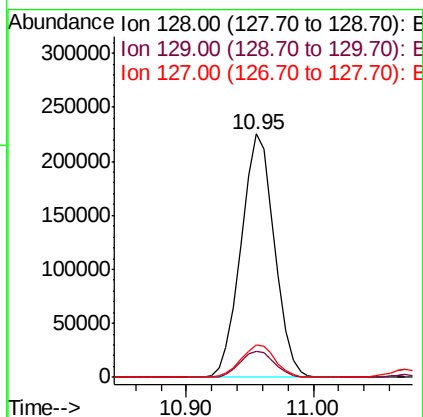
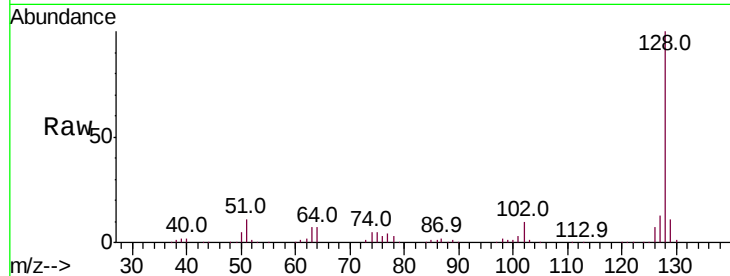
#31
Naphthalene
Concen: 48.223 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	11.1	16.7

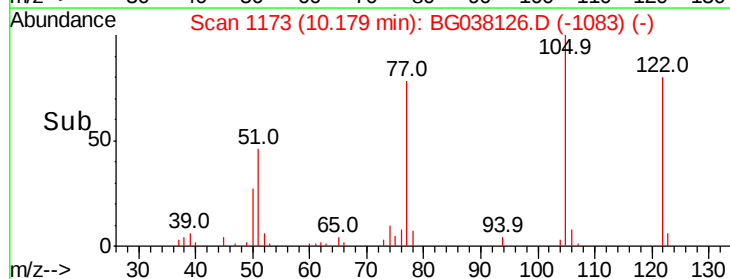
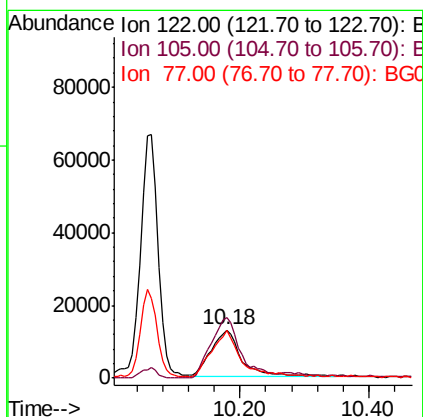
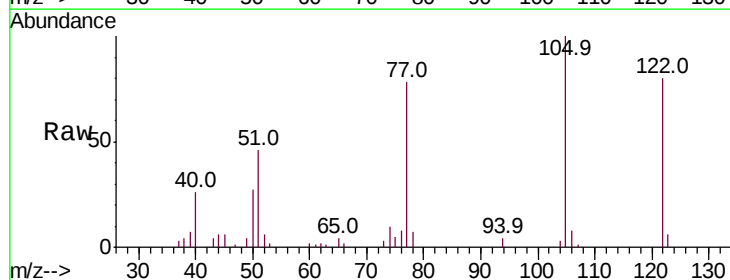
Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#32
Benzoic acid
Concen: 32.410 ng m
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.7	146.7
77	98.3	72.2	112.2





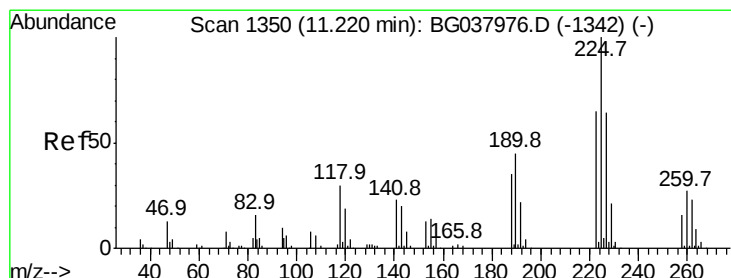
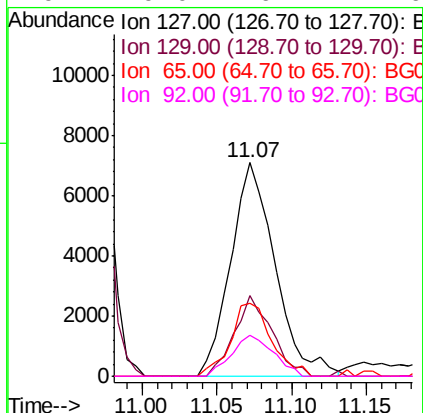
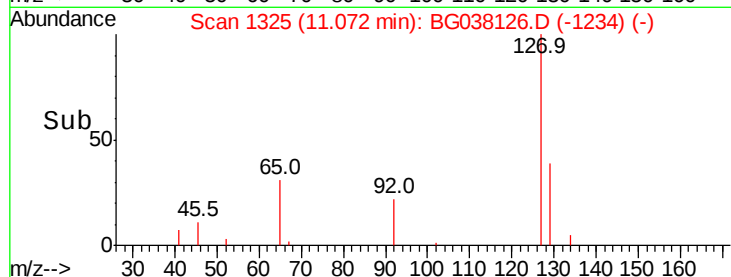
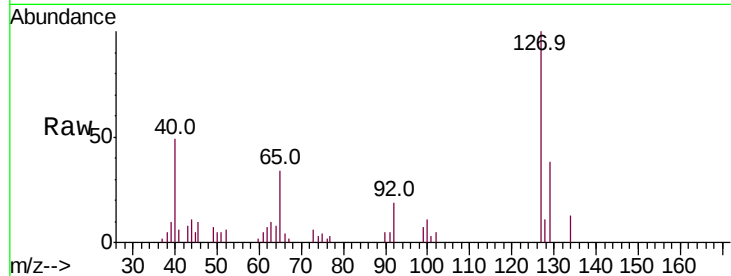
#33
4-Chloroaniline
Concen: 3.710 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	37.6	27.1	40.7
65	34.1	26.6	39.8
92	19.0	16.4	24.6

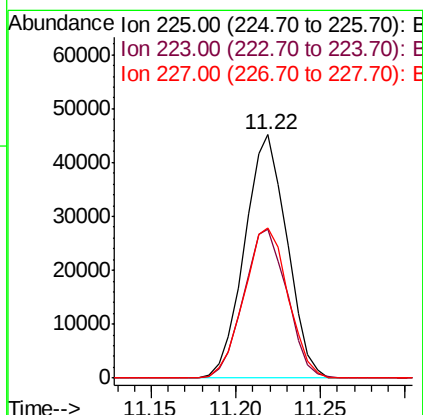
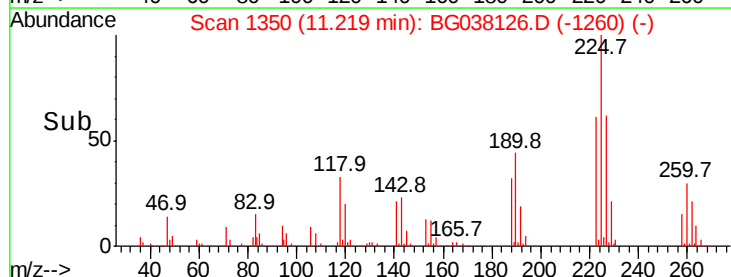
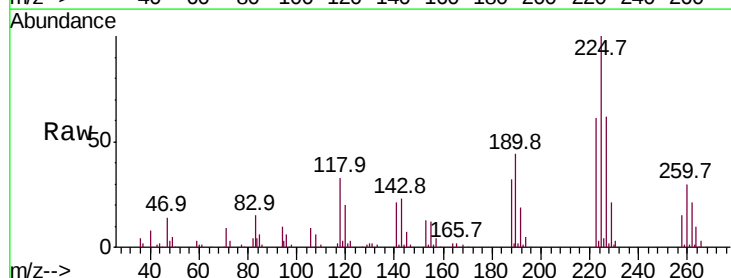
Manual Integrations
APPROVED

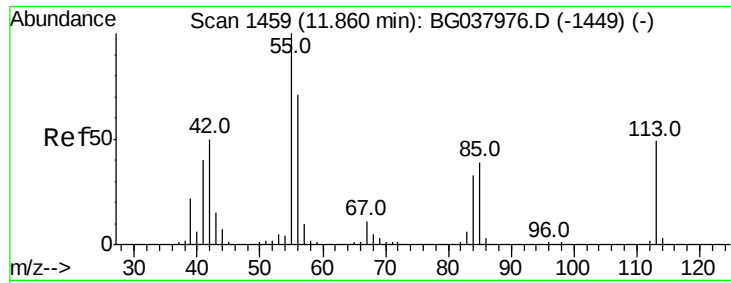
mohammad
11/23/2018 11:50:17 AM



#34
Hexachlorobutadiene
Concen: 40.665 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	61.6	51.6	77.4





#35

Caprolactam

Concen: 30.151 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tot Ion:113 Resp: 33804

Ion Ratio Lower Upper

113 100

55 223.1 176.6 216.6#

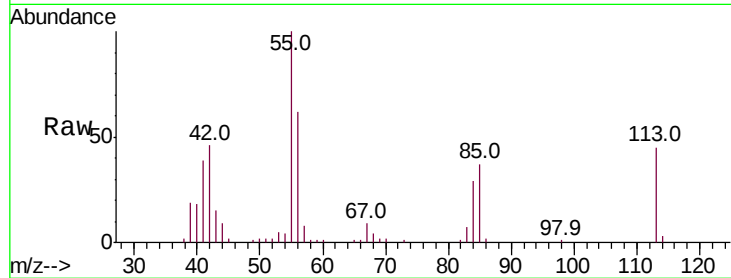
56 139.1 128.3 168.3

Manual Integrations

APPROVED

mohammad

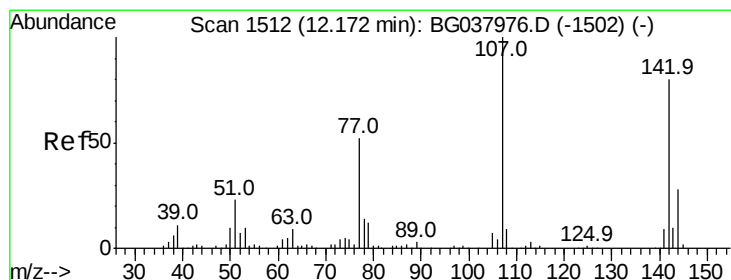
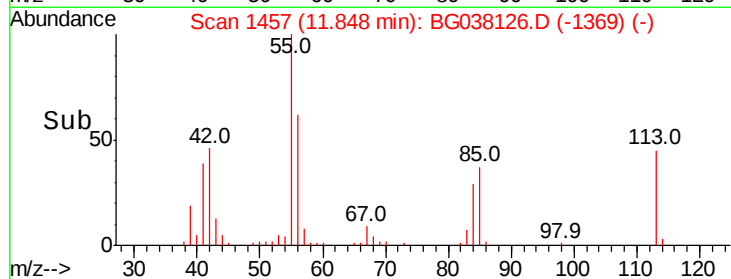
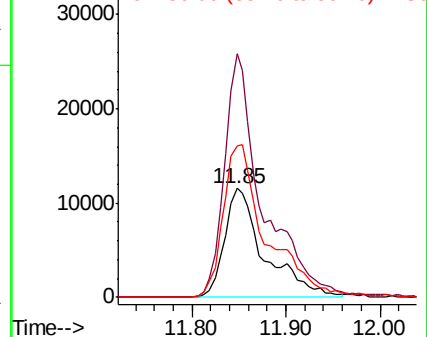
11/23/2018 11:50:17 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.748 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

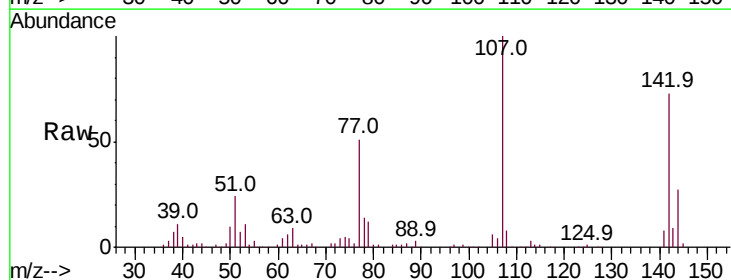
Tgt Ion:107 Resp: 143056

Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

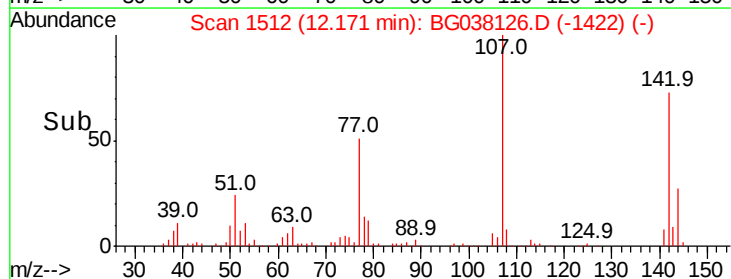
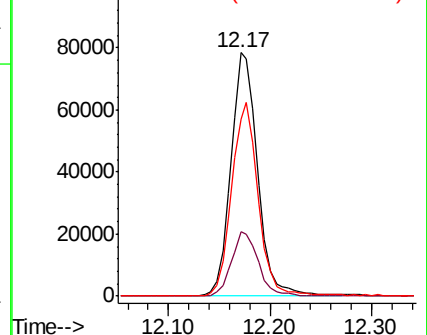
142 72.8 64.4 96.6

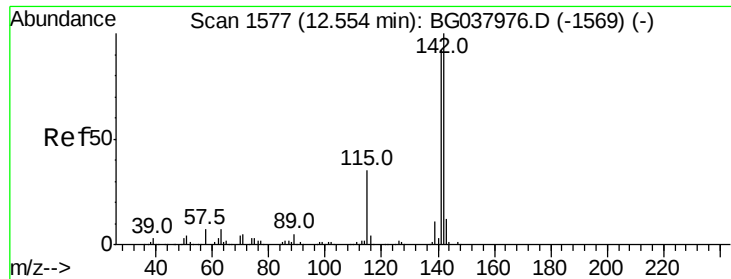


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





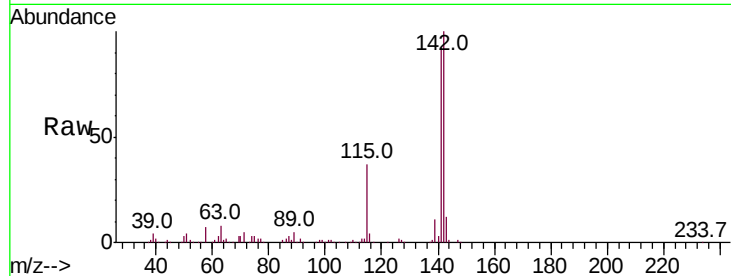
#37
2-Methylnaphthalene
Concen: 48.237 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
115	37.2	27.8	41.8

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

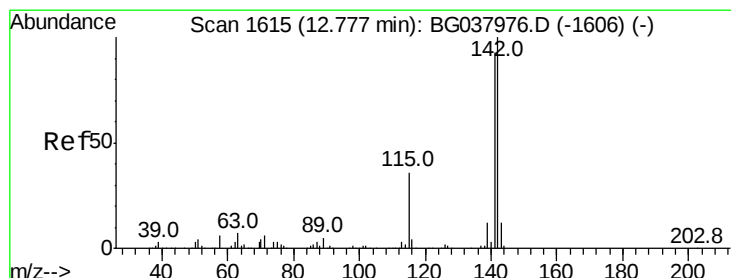
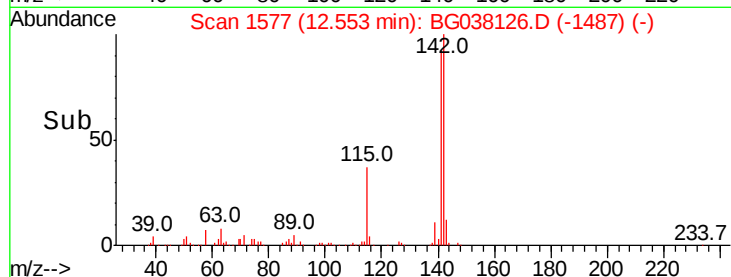
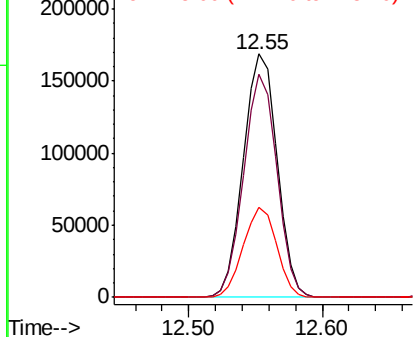


Abundance

Ion 142.00 (141.70 to 142.70): E

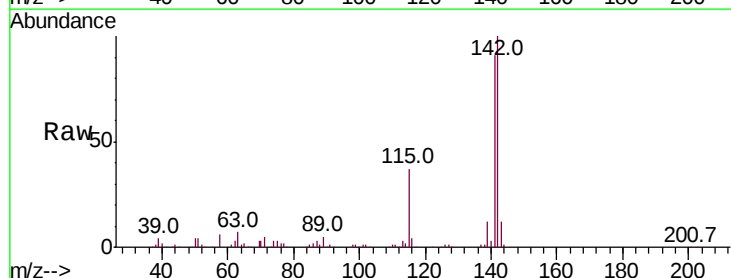
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.151 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	4.3	3.3	4.9

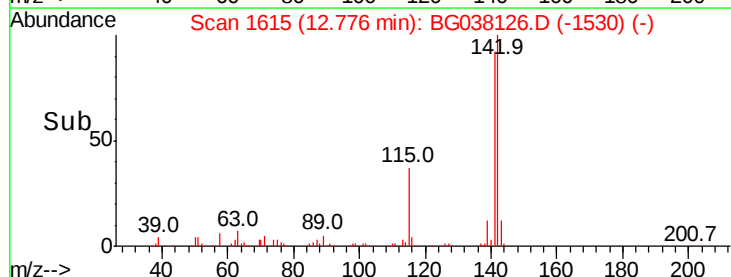
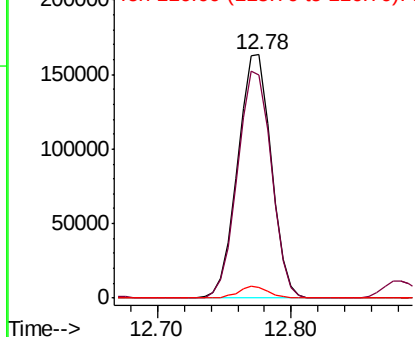


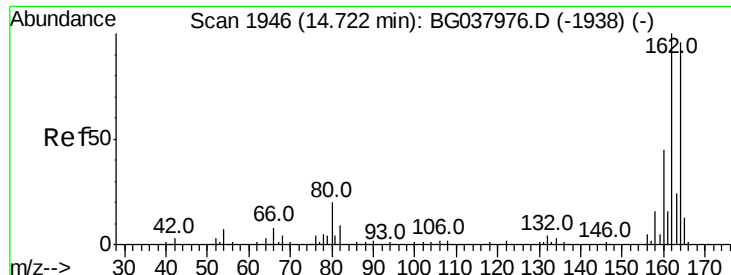
Abundance

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





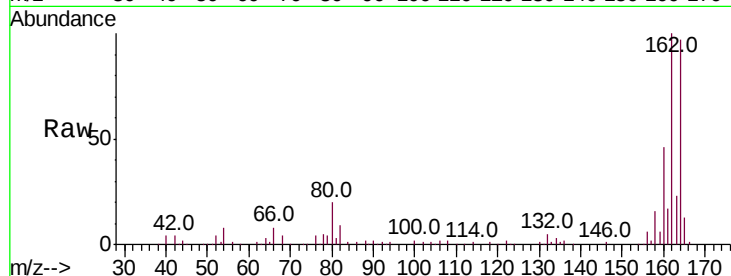
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	47.6	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

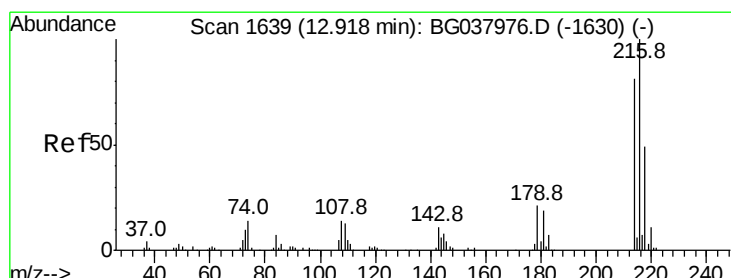
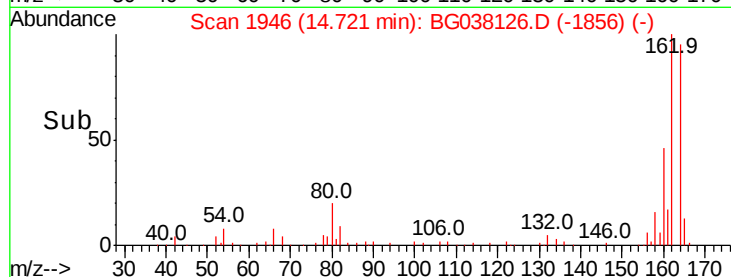
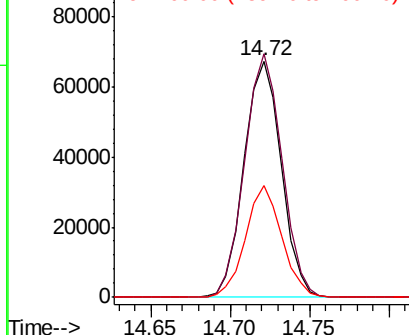


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.039 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	21.1	17.4	26.0
108	20.1	13.9	20.9

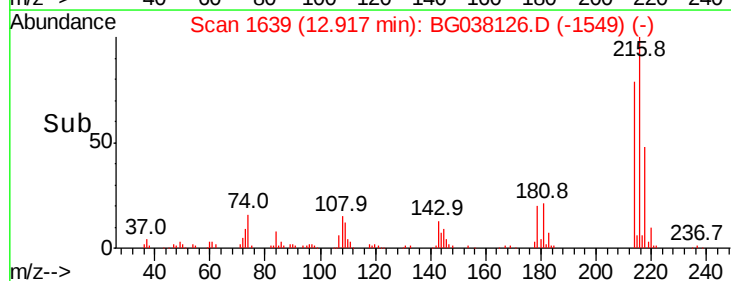
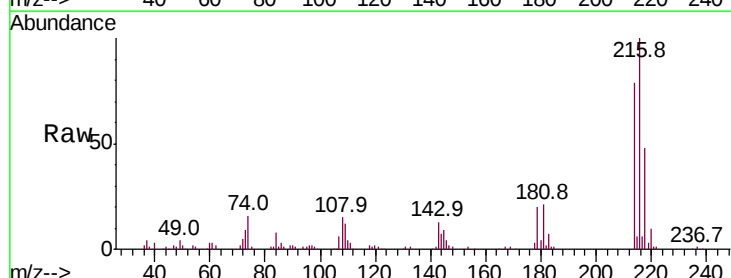
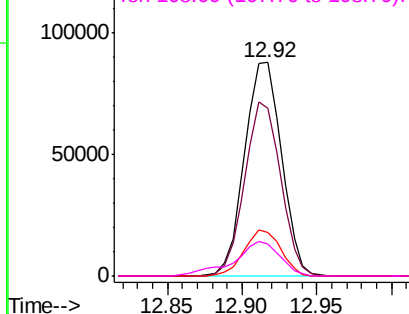
Abundance

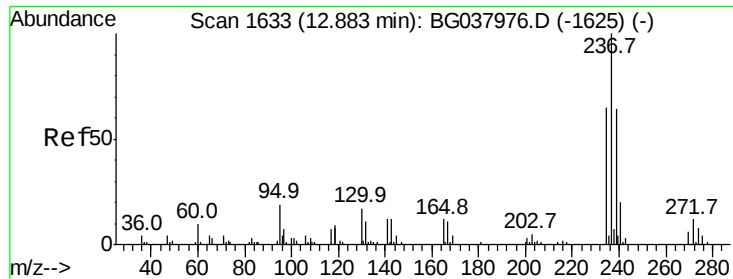
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.735 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

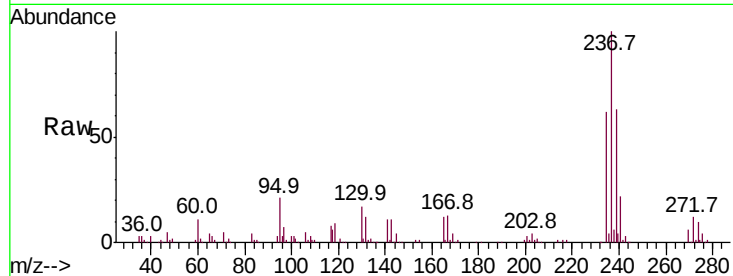
ClientSampleId :

NB-08-112018MS

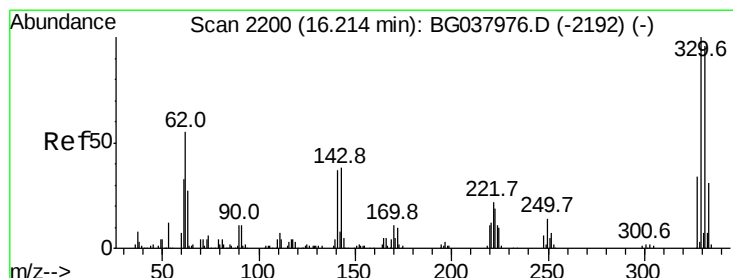
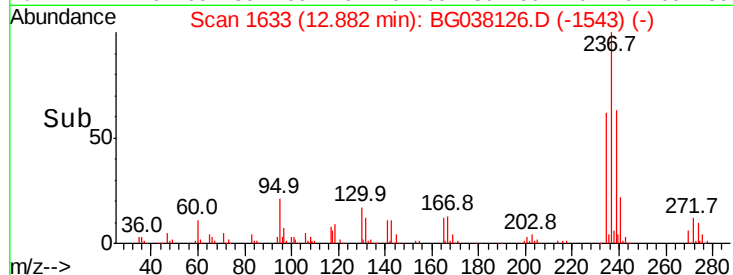
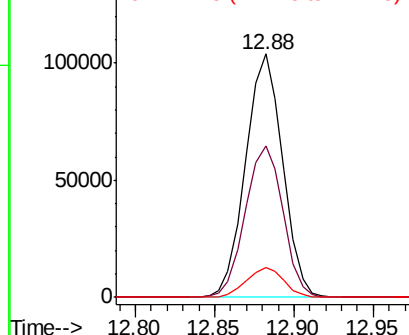
Tot Ion:	237	Resp:	168669
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.5	82.5
272	12.3	0.0	31.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



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



#42

2,4,6-Tribromophenol

Concen: 111.381 ng

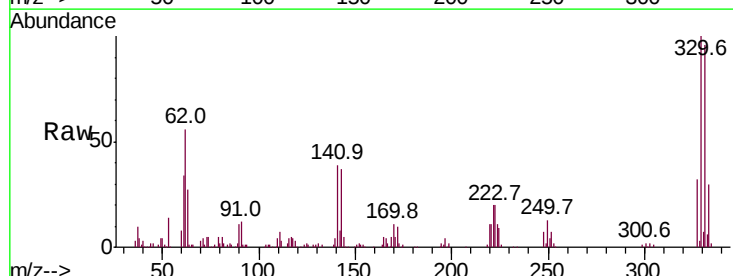
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

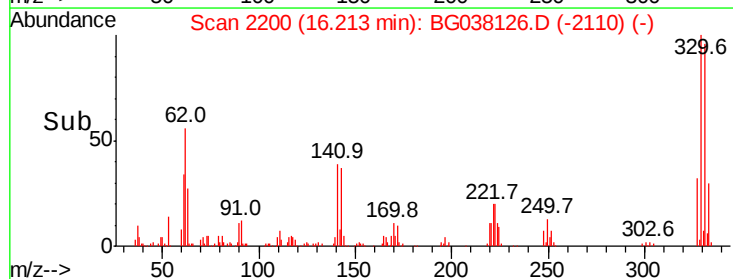
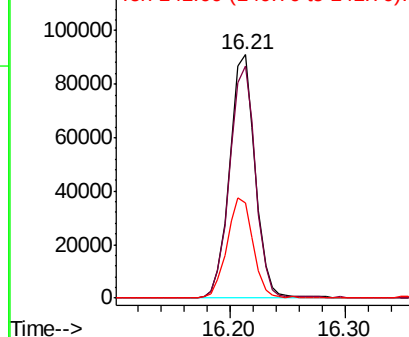
Lab File: BG038126.D

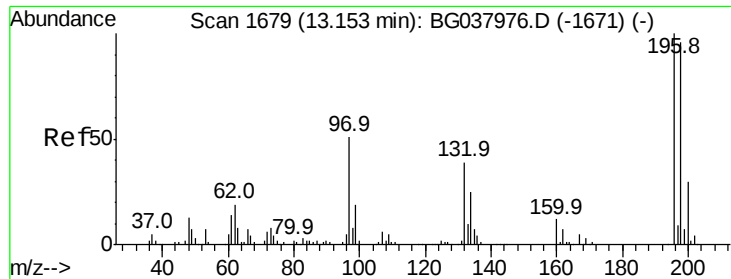
Acq: 21 Nov 2018 20:54

Tgt Ion:	330	Resp:	139664
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.4	117.6
141	41.9	32.2	48.2



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





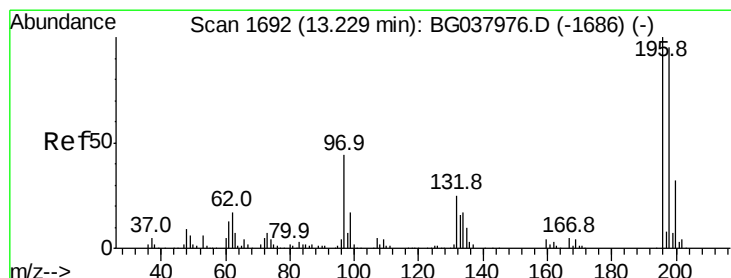
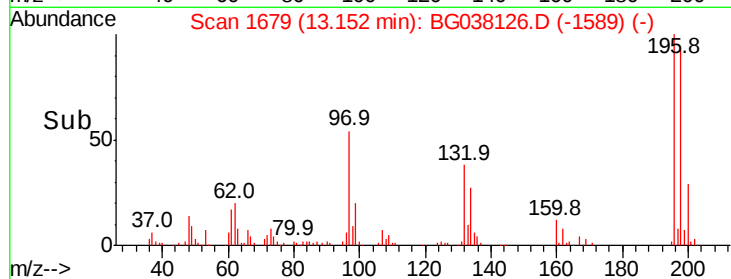
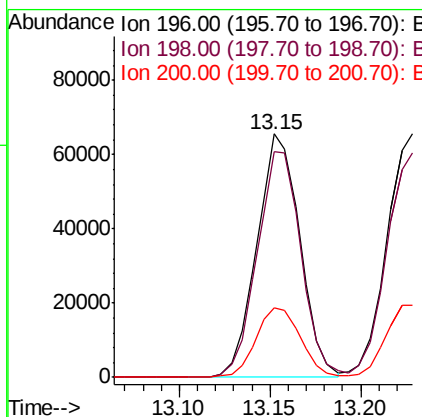
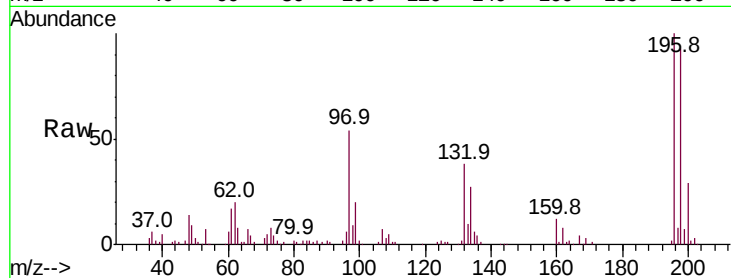
#43
 2,4,6-Trichlorophenol
 Concen: 43.151 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108031		
198	92.9	76.4	114.6	
200	28.6	24.9	37.3	

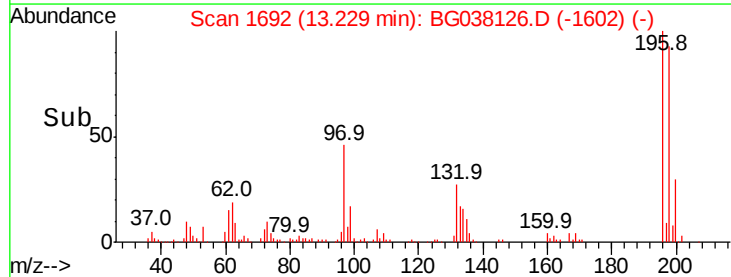
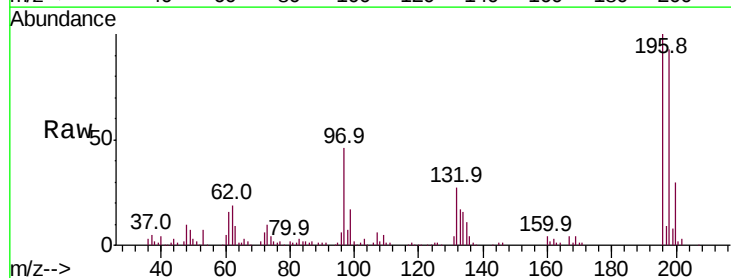
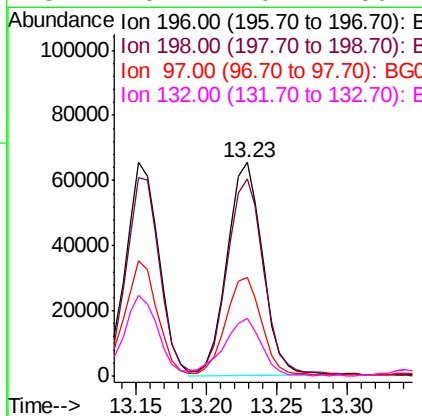
Manual Integrations
 APPROVED

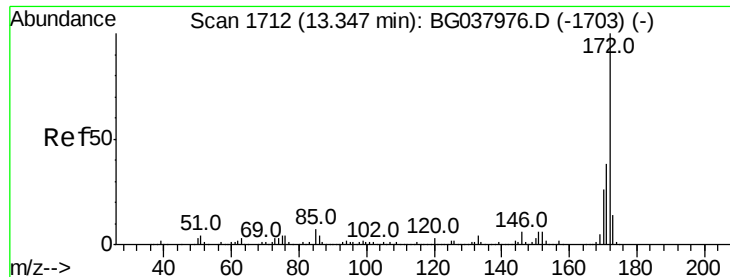
mohammad
 11/23/2018 11:50:17 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.409 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114348		
198	92.5	74.2	111.2	
97	46.4	34.1	51.1	
132	26.7	20.2	30.4	





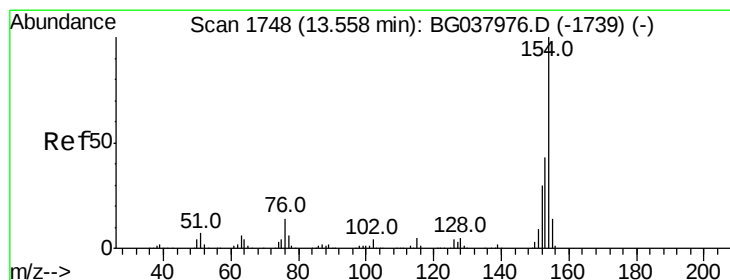
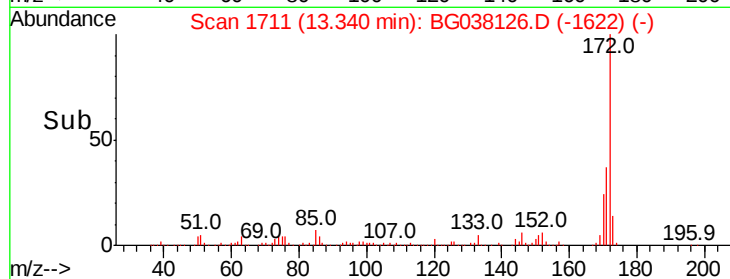
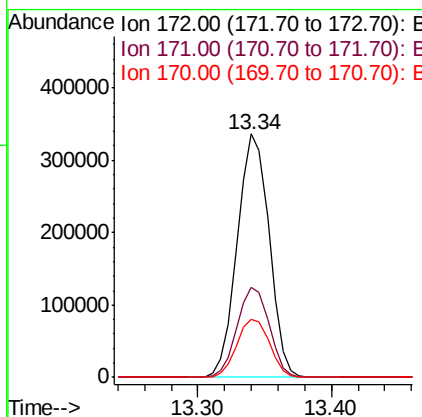
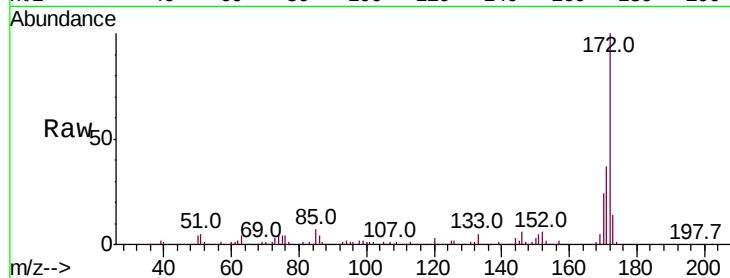
#45
2-Fluorobiphenyl
Concen: 73.550 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.1	20.2	30.2

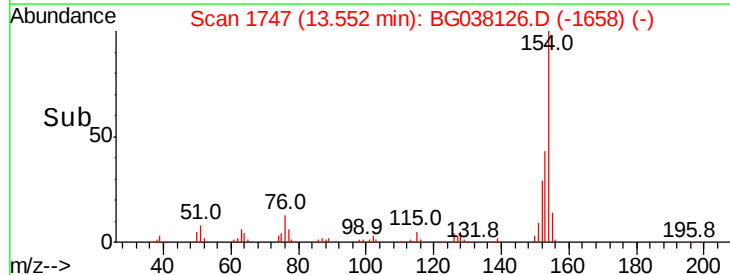
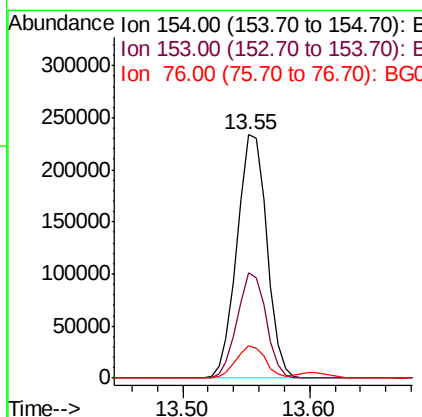
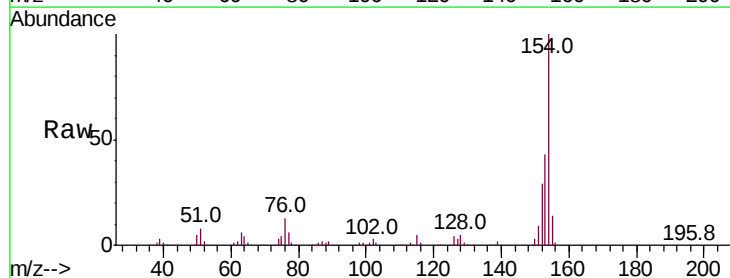
Manual Integrations
APPROVED

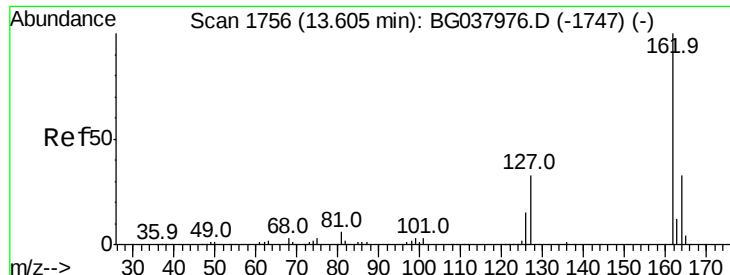
mohammad
11/23/2018 11:50:17 AM



#46
1,1'-Biphenyl
Concen: 41.157 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	13.2	0.0	33.2





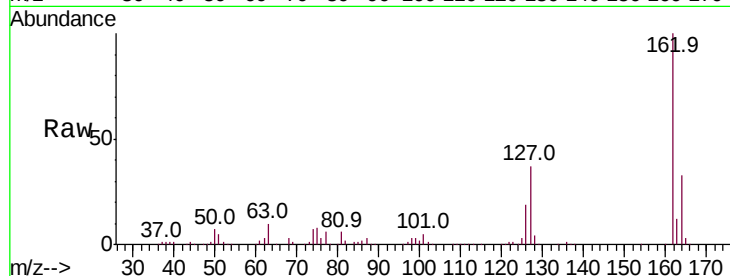
#47
2-Chloronaphthalene
Concen: 42.618 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

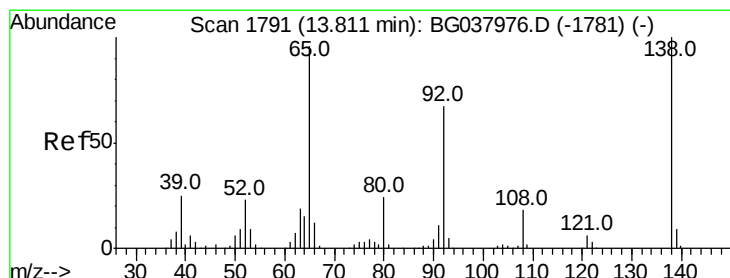
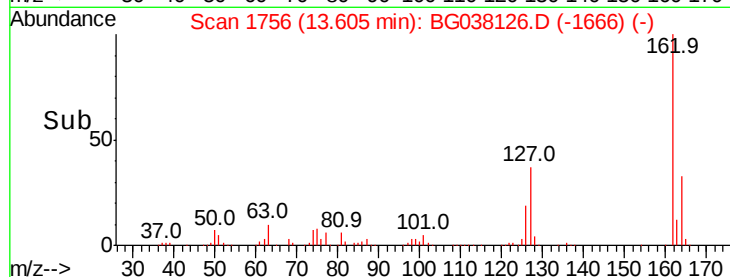
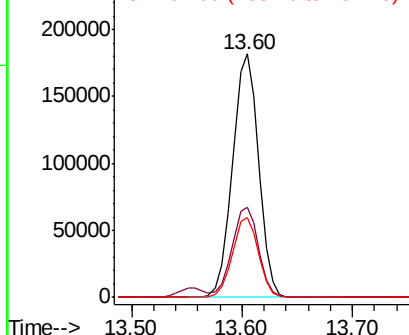
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.5	45.7
164	32.9	26.4	39.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

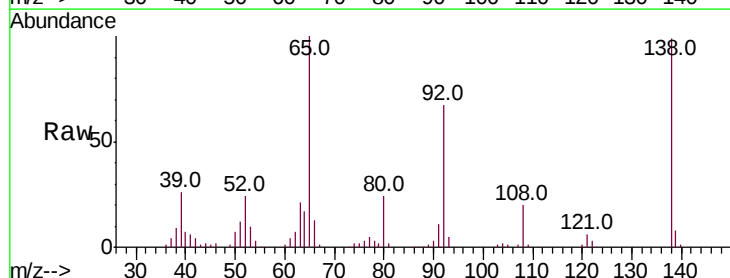


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

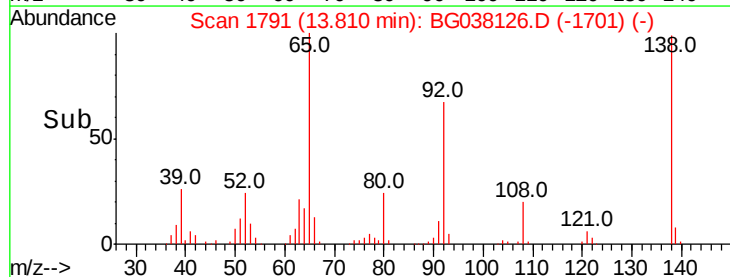
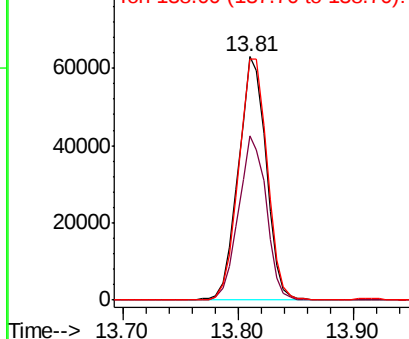


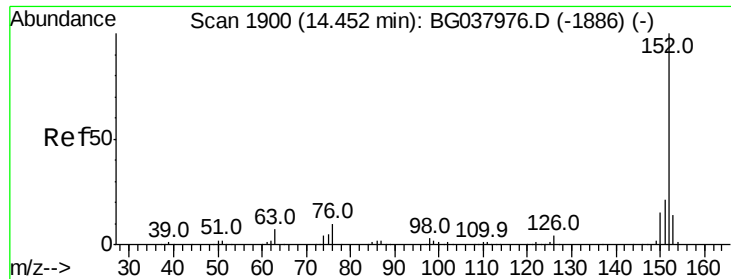
#48
2-Nitroaniline
Concen: 47.310 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.2	79.8
138	99.1	79.3	118.9



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: 47.178 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

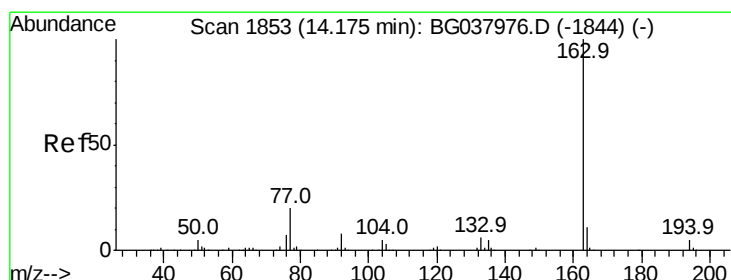
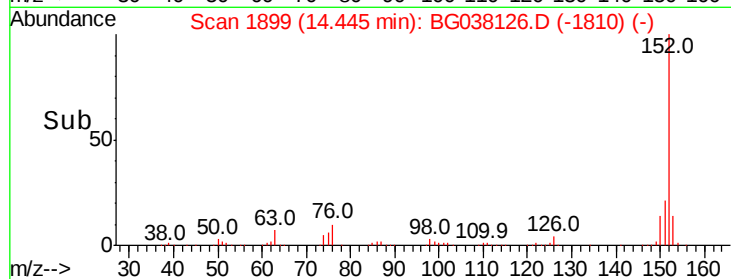
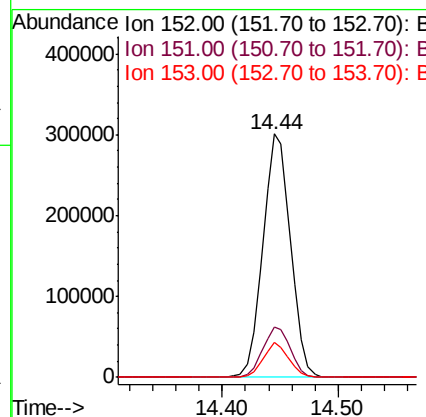
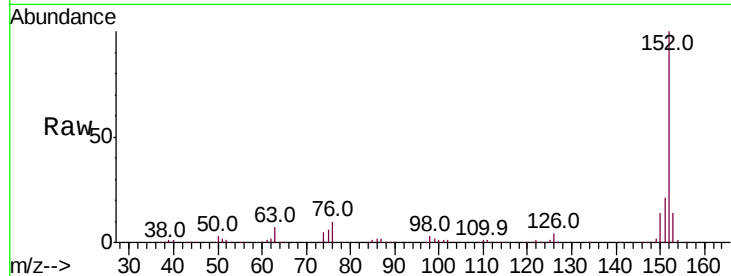
ClientSampleId :

NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	14.1	11.1	16.7

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#50

Dimethylphthalate

Concen: 45.351 ng

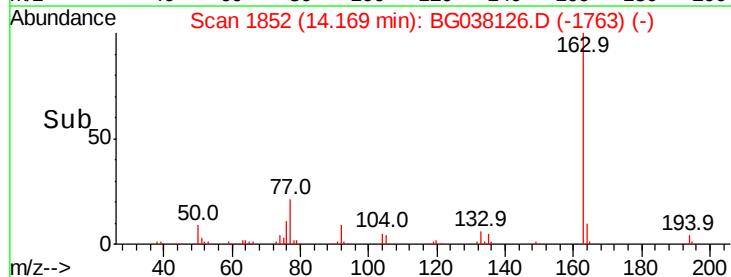
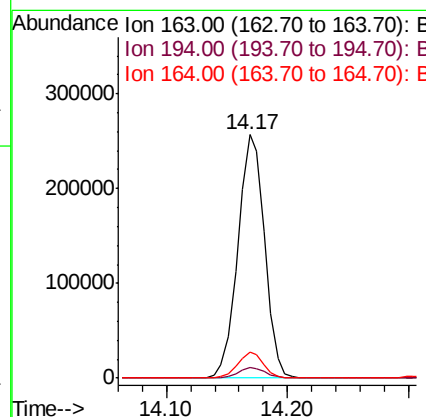
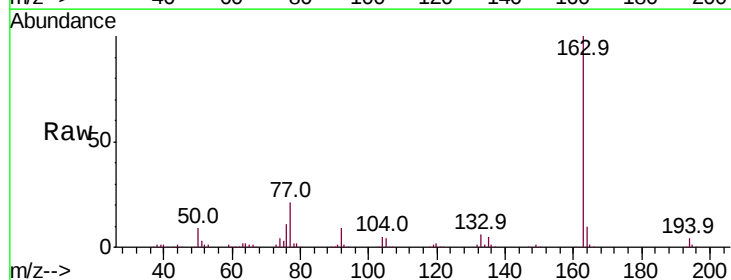
RT: 14.17 min Scan# 1852

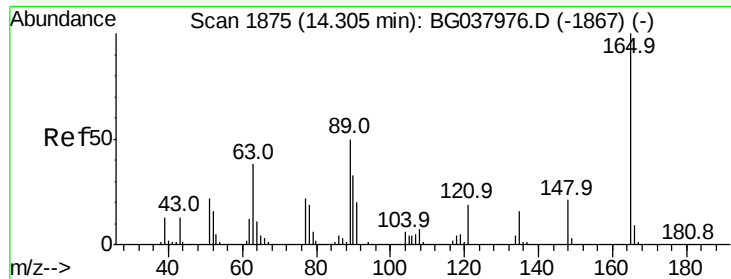
Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.5	8.5	12.7





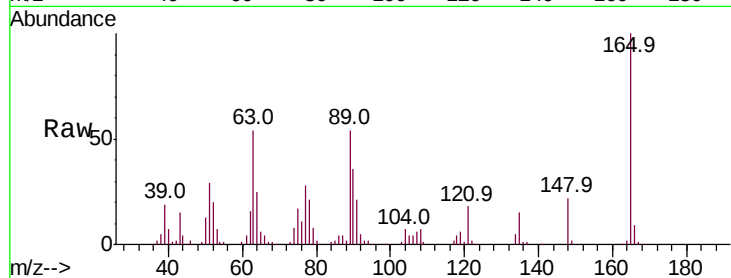
#51
2,6-Dinitrotoluene
Concen: 45.778 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	43.4	65.2
89	53.7	45.8	68.6

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

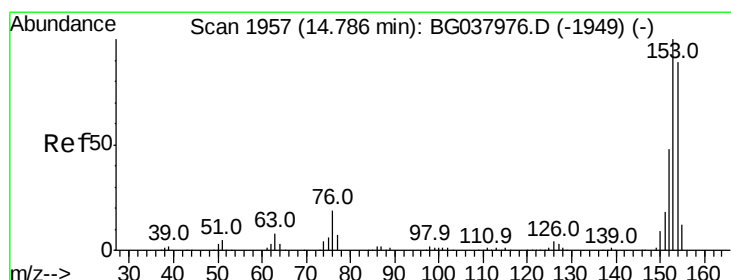
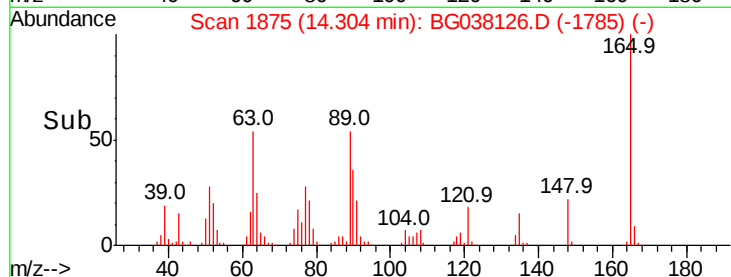
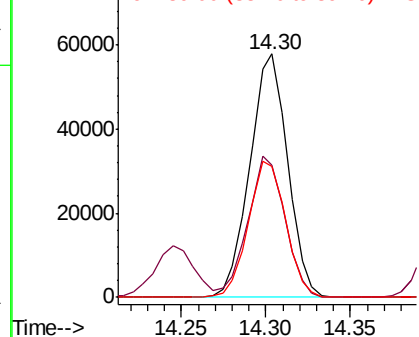


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
Acenaphthene
Concen: 45.678 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

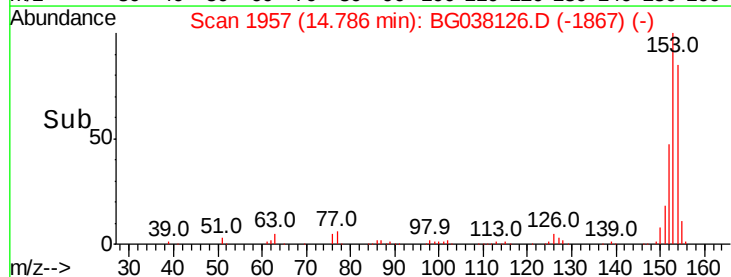
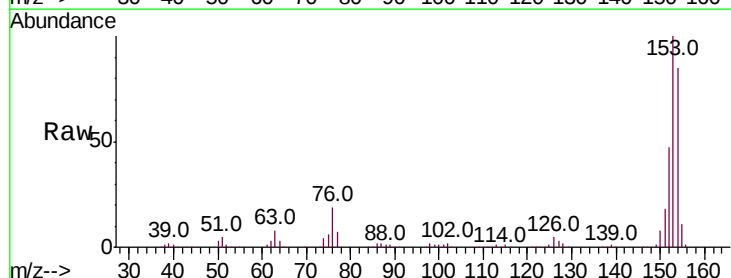
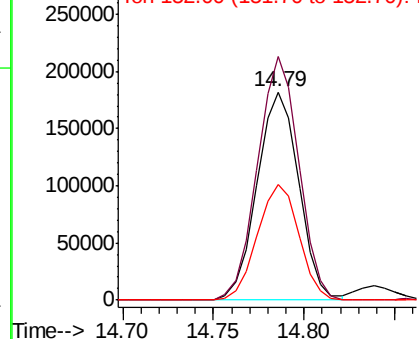
Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	93.4	140.0
152	55.6	44.7	67.1

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





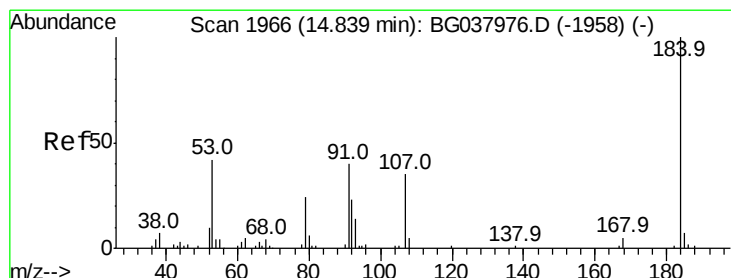
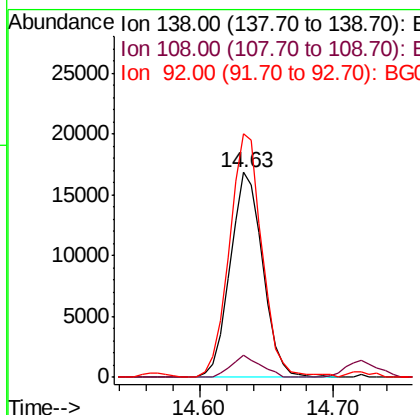
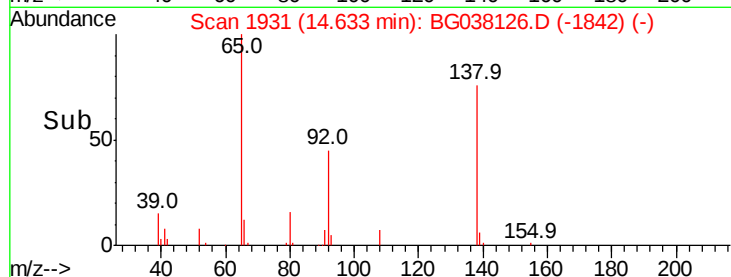
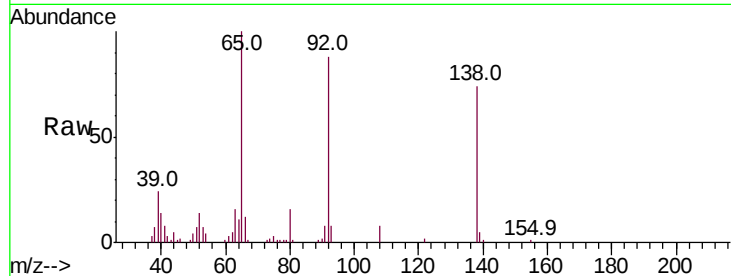
#53
3-Nitroaniline
Concen: 13.160 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	11.0	16.6#
92	118.7	95.2	142.8

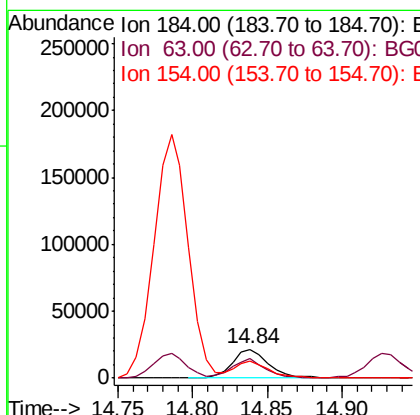
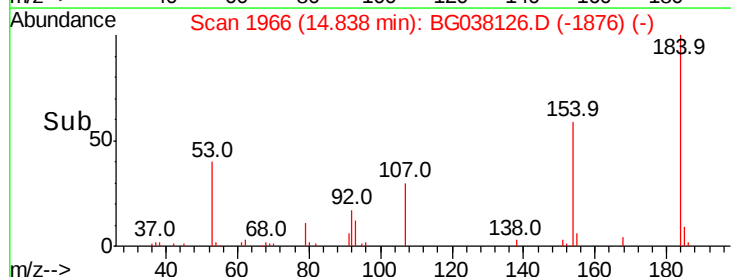
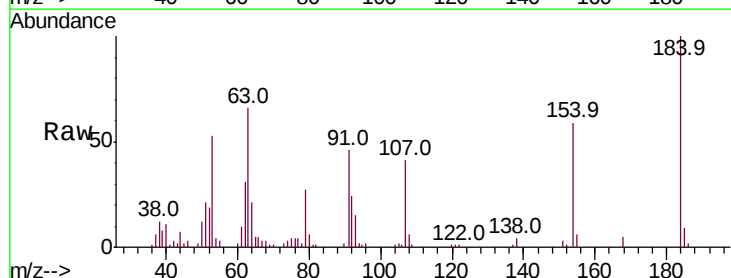
Manual Integrations
APPROVED

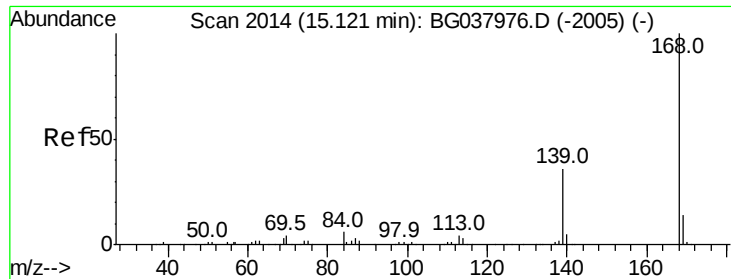
mohammad
11/23/2018 11:50:17 AM



#54
2,4-Dinitrophenol
Concen: 39.542 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.1	42.6	63.8#
154	59.2	41.8	62.6





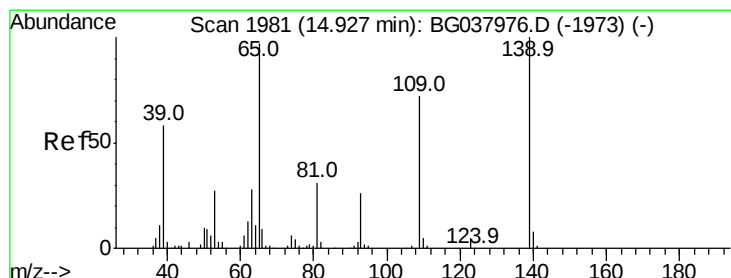
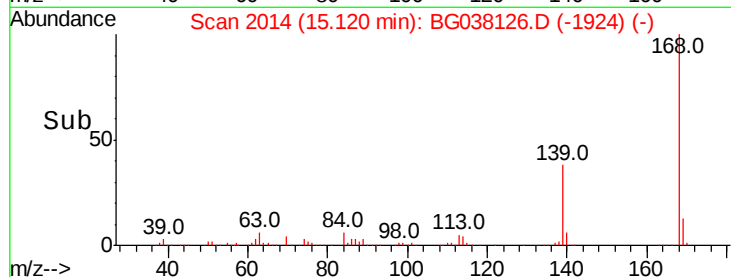
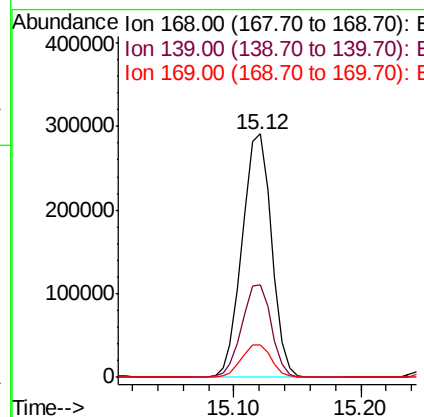
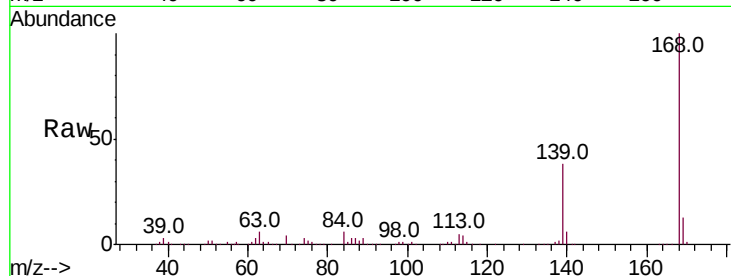
#55
Dibenzofuran
Concen: 44.432 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.4	44.0
169	13.1	11.0	16.6

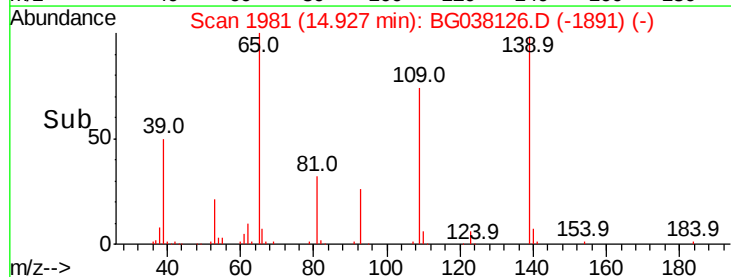
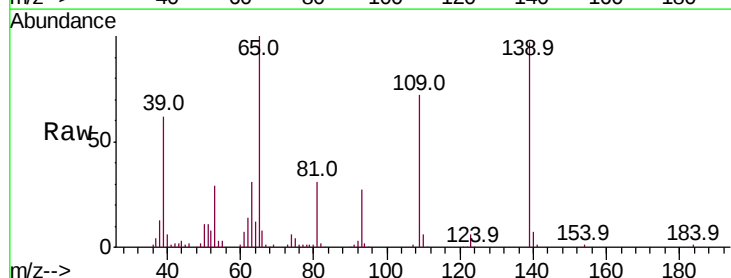
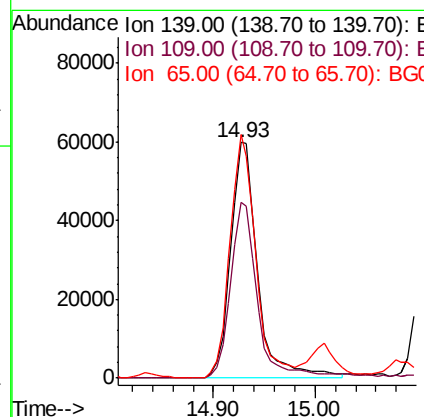
Manual Integrations
APPROVED

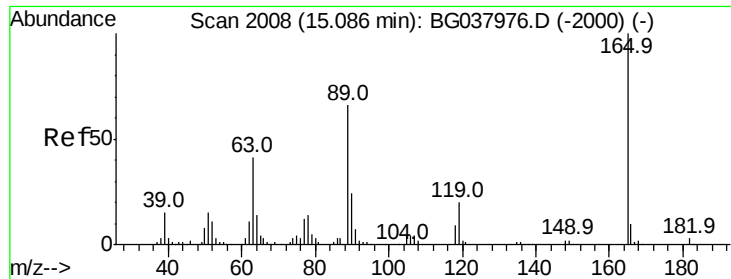
mohammad
11/23/2018 11:50:17 AM



#56
4-Nitrophenol
Concen: 66.118 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	49.5	89.5
65	103.3	76.8	116.8





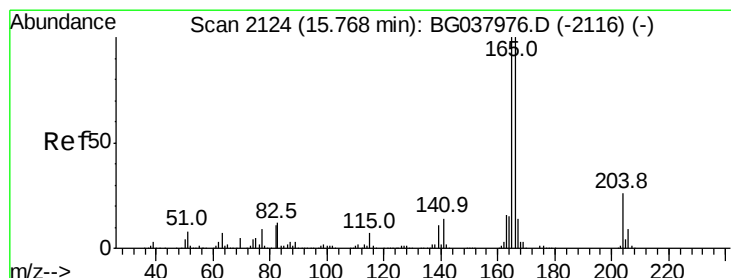
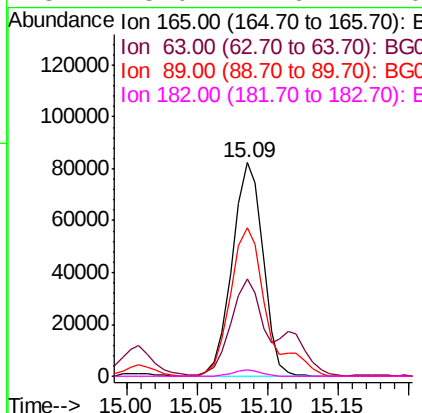
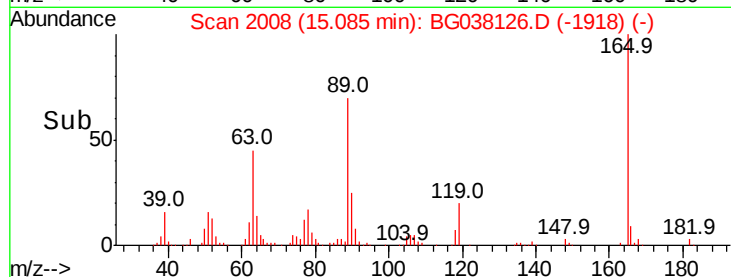
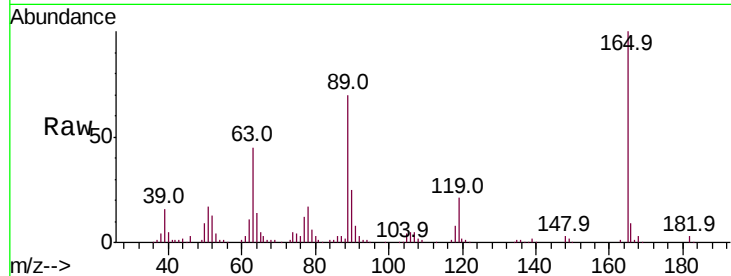
#57
 2,4-Dinitrotoluene
 Concen: 46.779 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125561		
63	45.4	33.4	50.0	
89	69.5	57.2	85.8	
182	3.0	2.6	4.0	

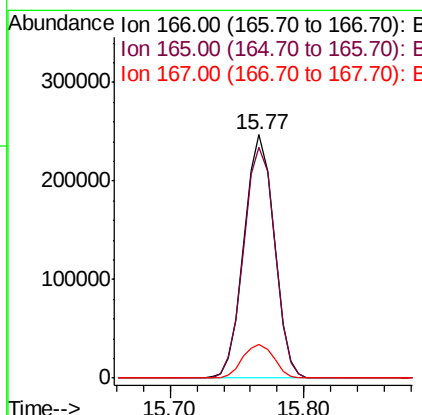
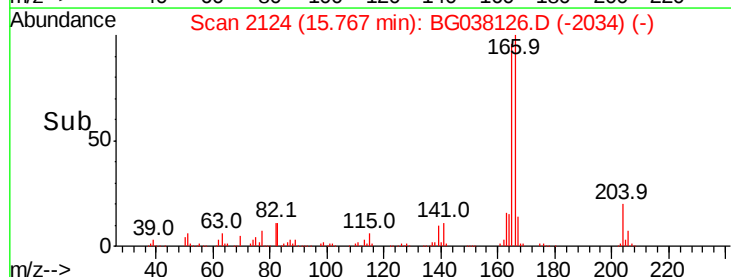
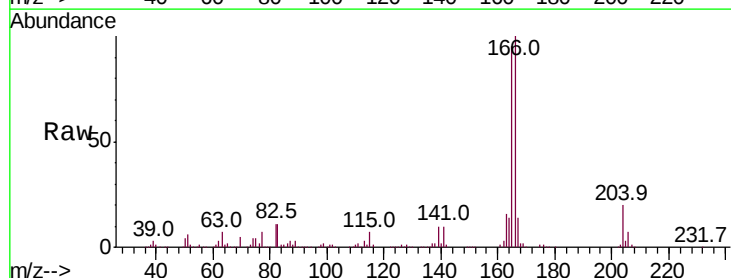
Manual Integrations
 APPROVED

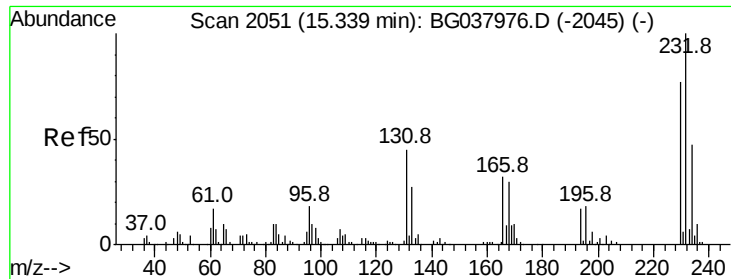
mohammad
 11/23/2018 11:50:17 AM



#58
 Fluorene
 Concen: 48.970 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	385518		
165	95.1	79.0	118.6	
167	13.8	11.3	16.9	





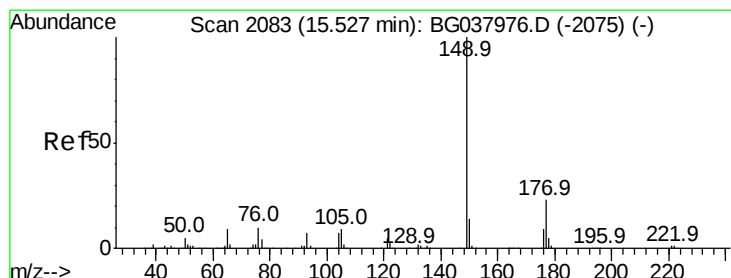
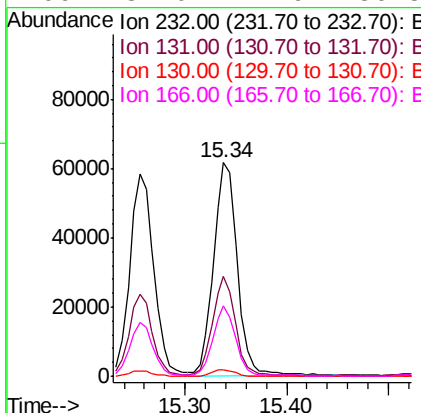
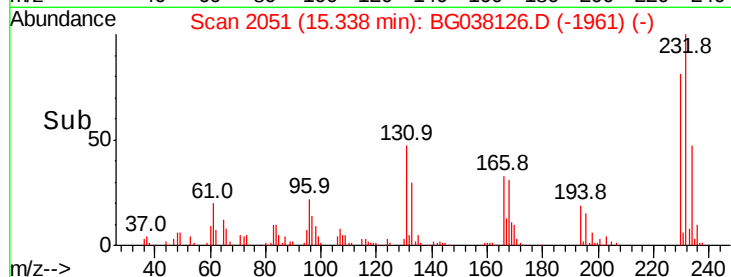
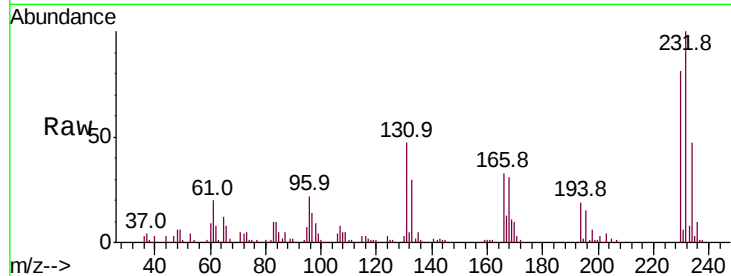
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.522 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.7	50.5
130	2.7	2.1	3.1
166	32.0	24.6	36.8

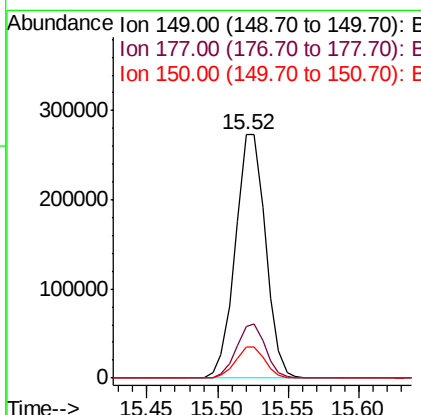
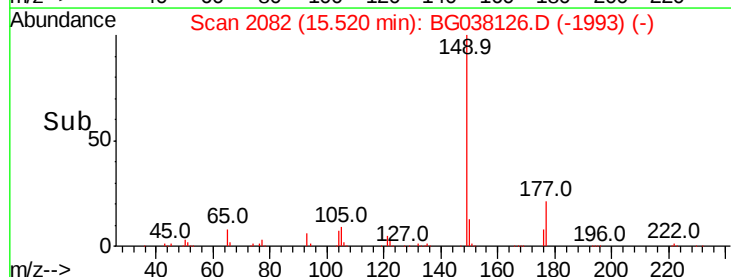
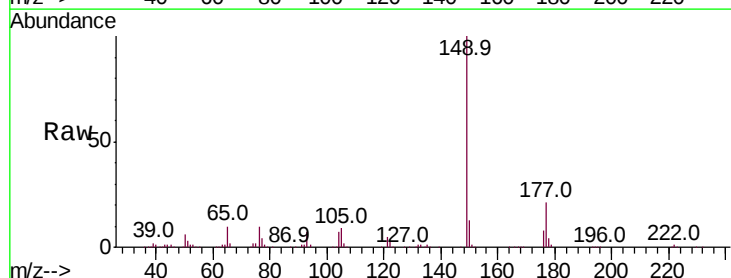
Manual Integrations
 APPROVED

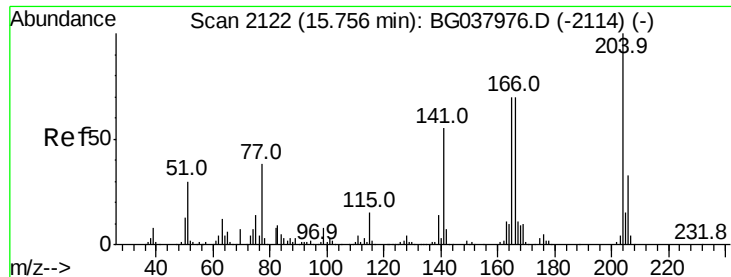
mohammad
 11/23/2018 11:50:17 AM



#60
 Diethylphthalate
 Concen: 43.952 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.3	27.5
150	12.9	10.0	15.0





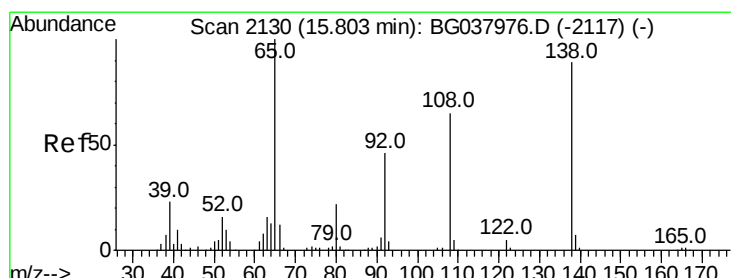
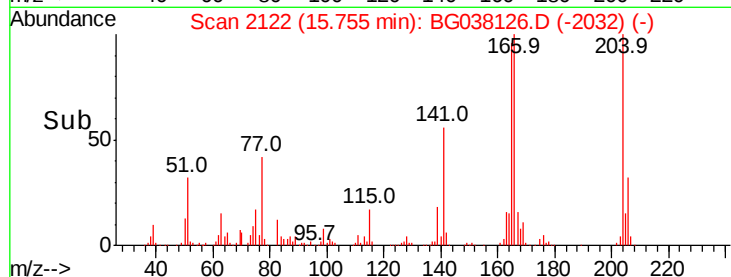
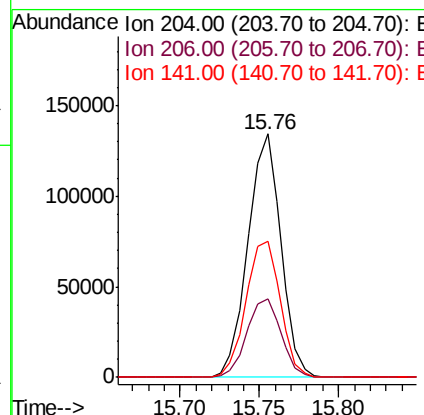
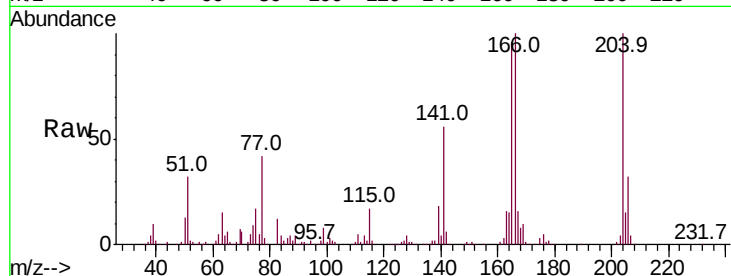
#61
4-Chlorophenyl-phenylether
Concen: 42.068 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	56.1	45.4	68.2

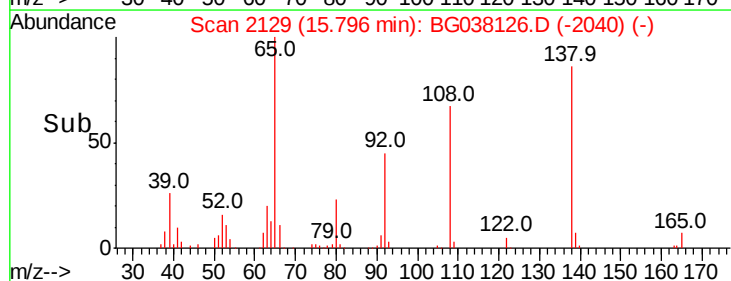
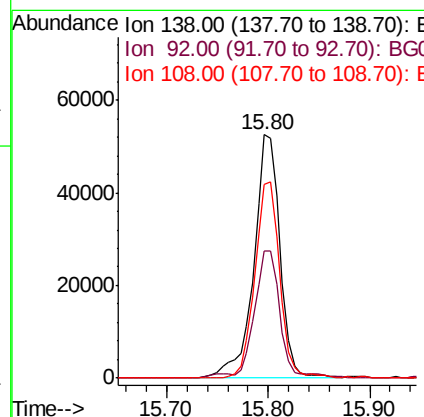
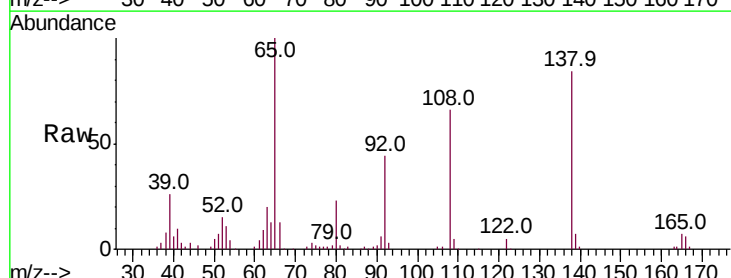
Manual Integrations
APPROVED

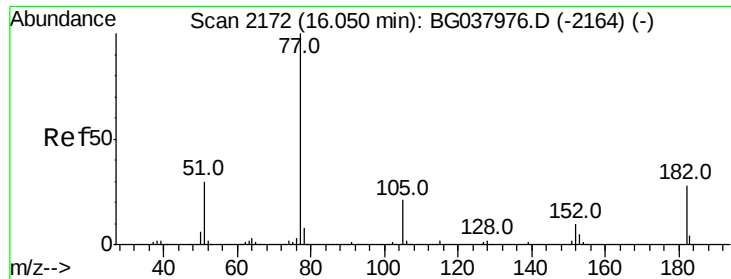
mohammad
11/23/2018 11:50:17 AM



#62
4-Nitroaniline
Concen: 43.381 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	36.4	76.4
108	79.3	60.1	100.1





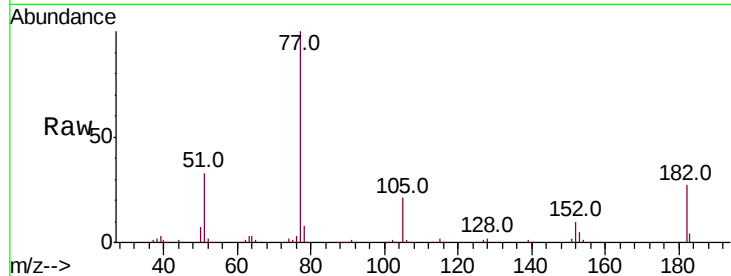
#63
Azobenzene
Concen: 45.801 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

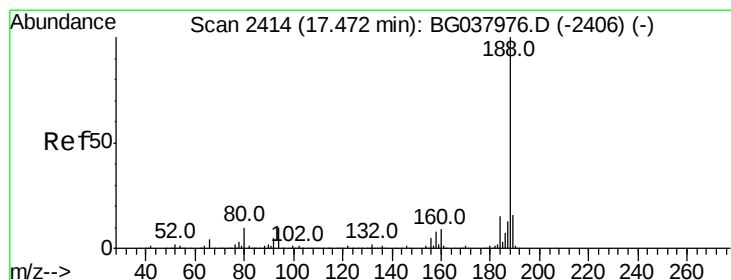
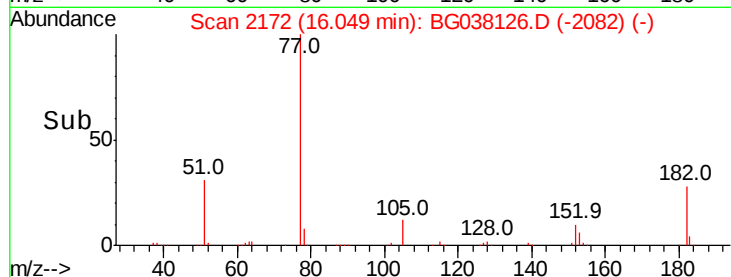
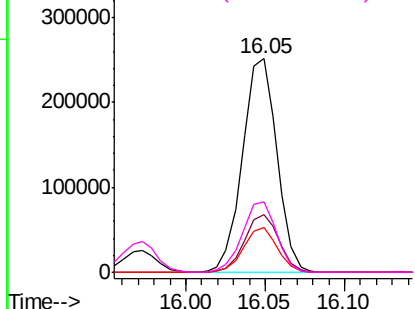
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.1	8.0	48.0	
105	21.2	1.3	41.3	
51	32.9	10.7	50.7	

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

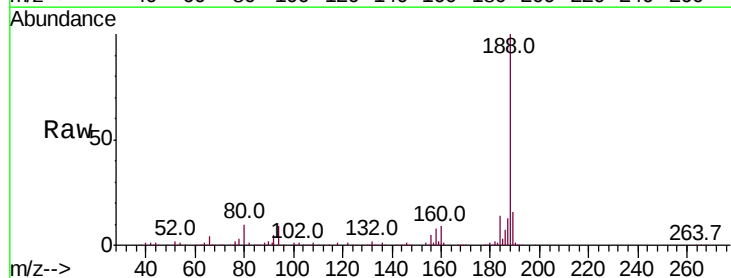


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

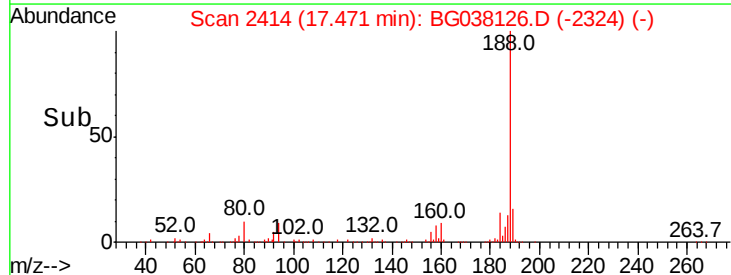
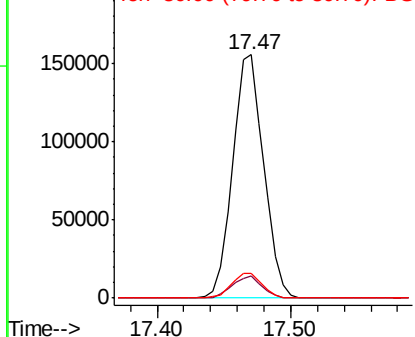


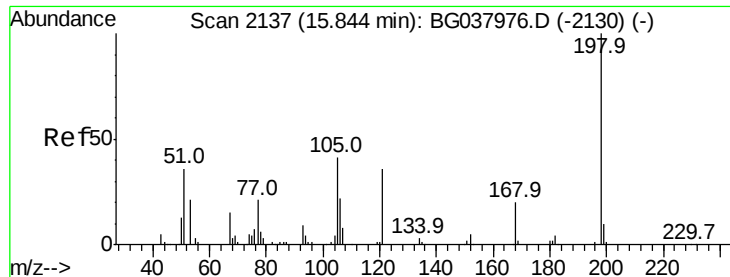
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	7.2	10.8	
80	10.3	7.7	11.5	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 27.876 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tot Ion:198 Resp: 44007

Ion Ratio Lower Upper

198 100

51 44.3 22.7 62.7

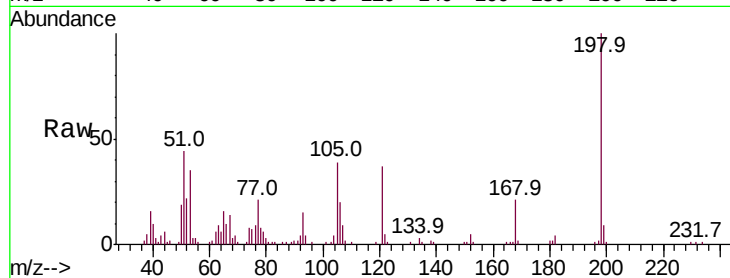
105 38.9 19.7 59.7

Manual Integrations

APPROVED

mohammad

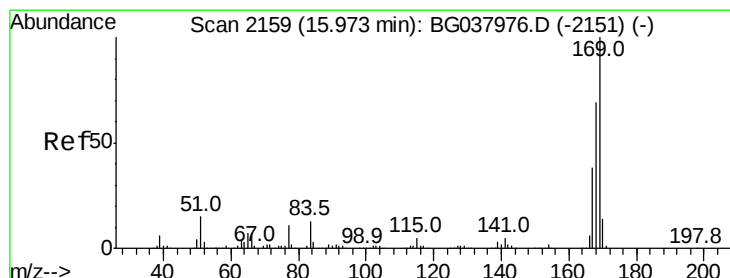
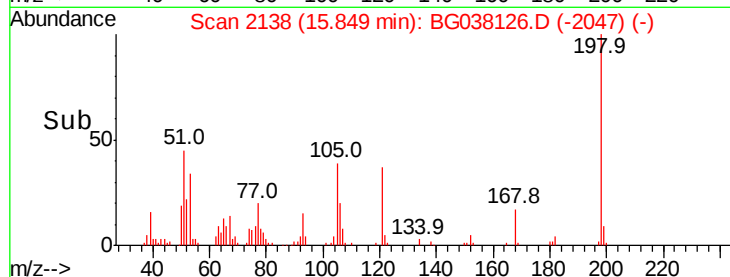
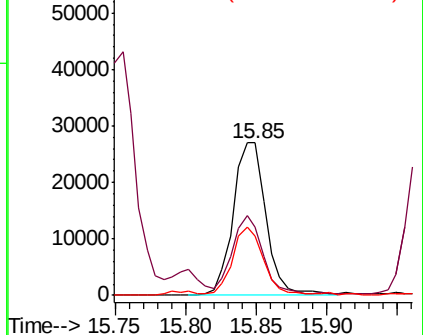
11/23/2018 11:50:17 AM



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: 45.121 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

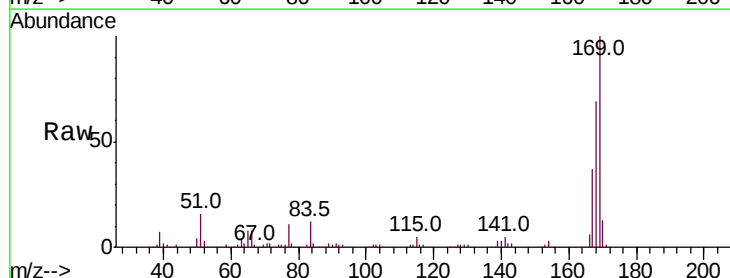
Tgt Ion:169 Resp: 340701

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

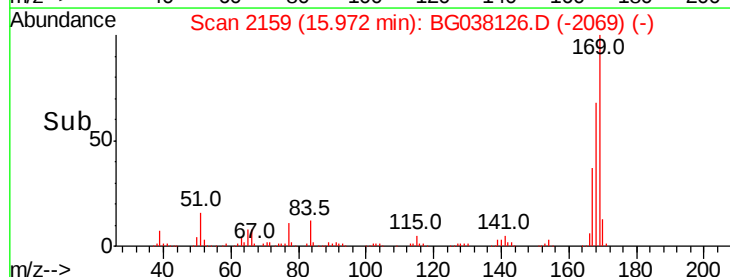
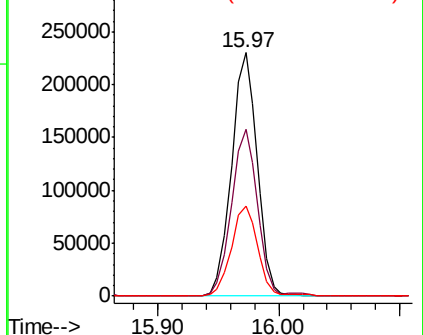
167 37.2 31.3 46.9

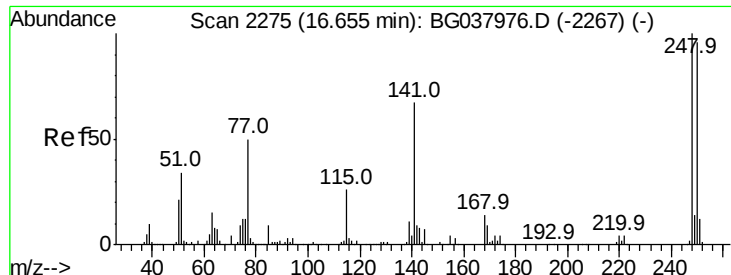


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





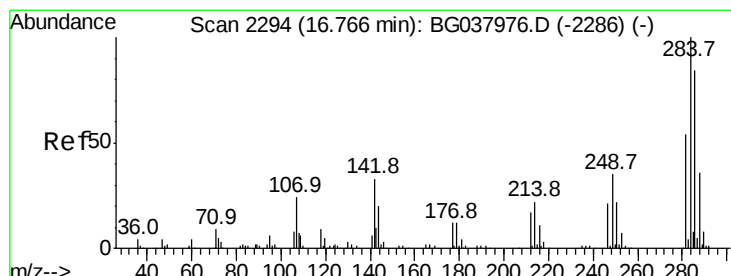
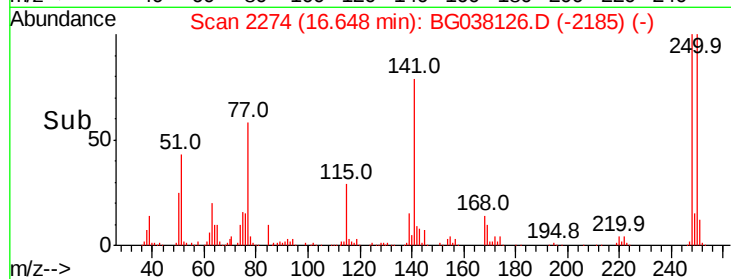
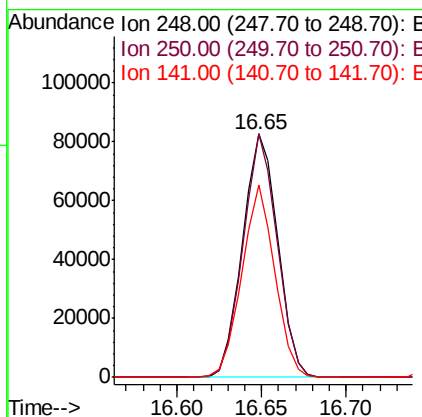
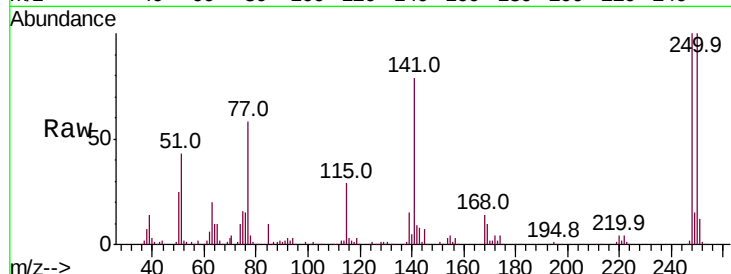
#67
 4-Bromophenyl-phenylether
 Concen: 43.700 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	77.0	115.6
141	78.9	55.5	83.3

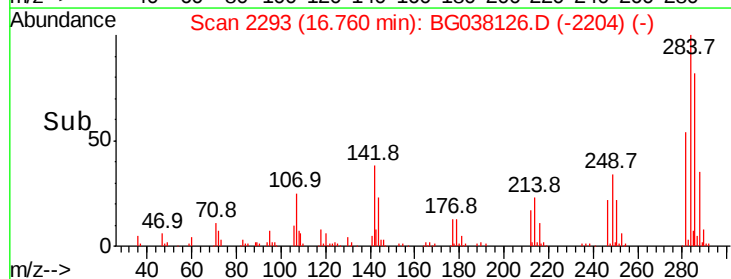
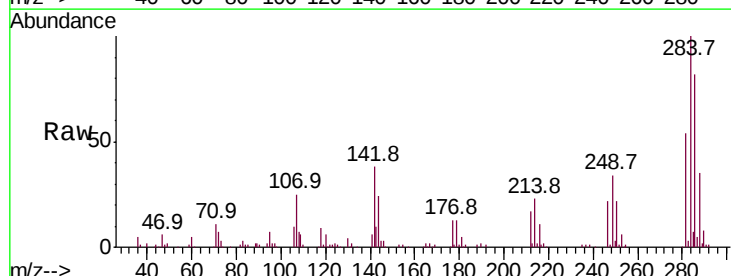
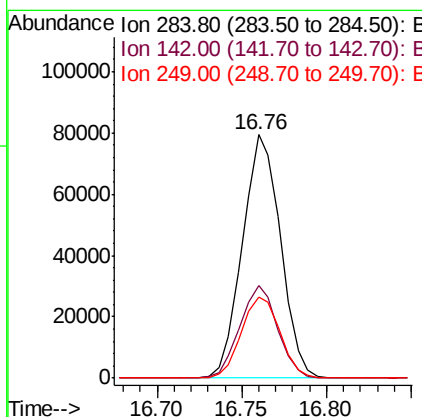
Manual Integrations
 APPROVED

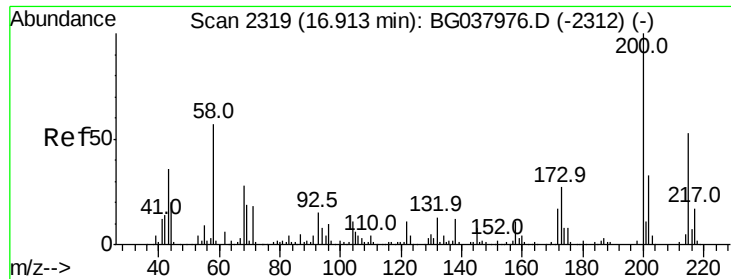
mohammad
 11/23/2018 11:50:17 AM



#68
 Hexachlorobenzene
 Concen: 44.008 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.1	42.1
249	36.1	29.8	44.8





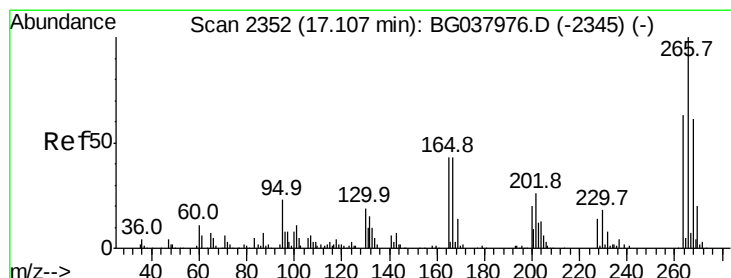
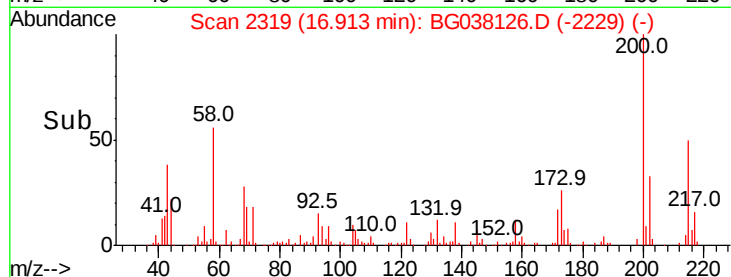
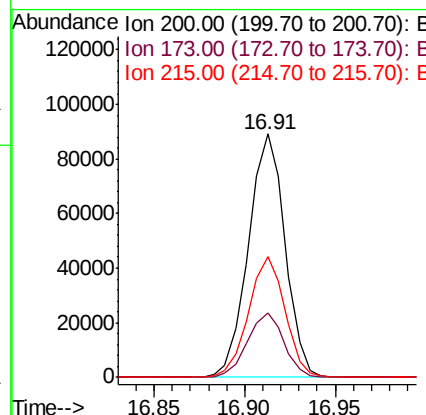
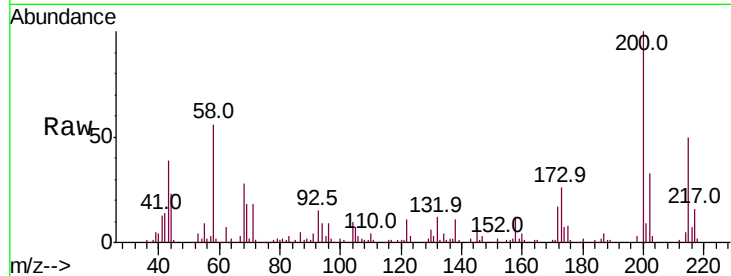
#69
 Atrazine
 Concen: 44.902 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	49.7	30.8	70.8

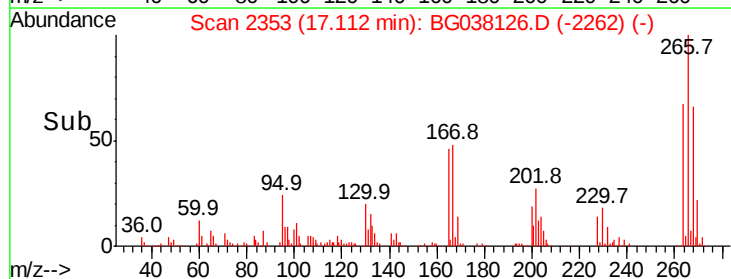
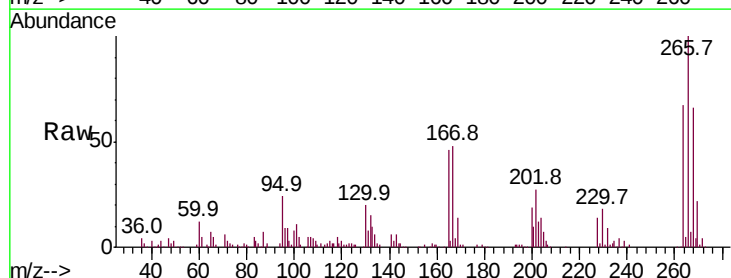
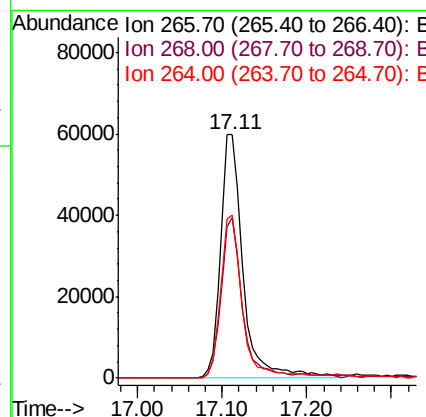
Manual Integrations
 APPROVED

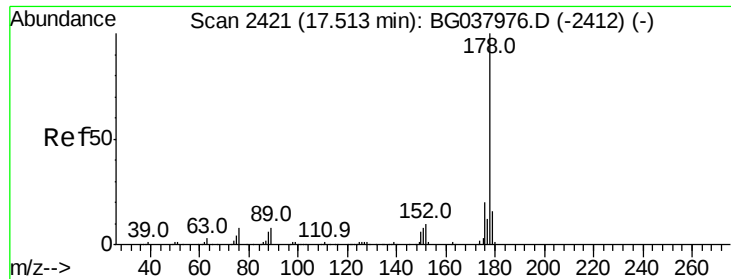
mohammad
 11/23/2018 11:50:17 AM



#70
 Pentachlorophenol
 Concen: 58.908 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.2	55.0	82.6
264	71.5	58.9	88.3





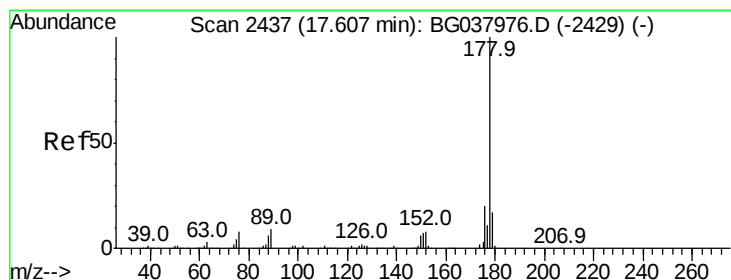
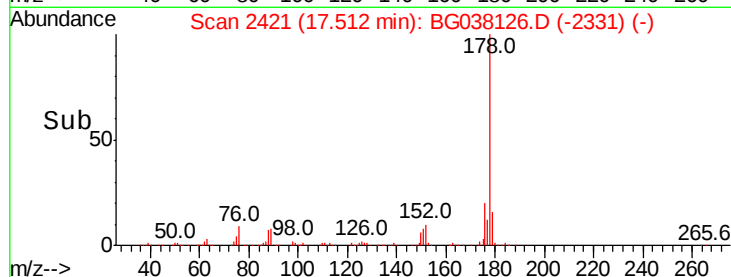
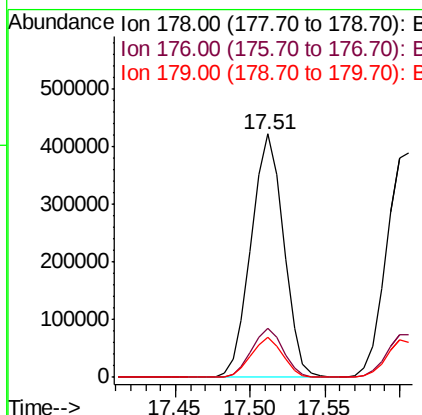
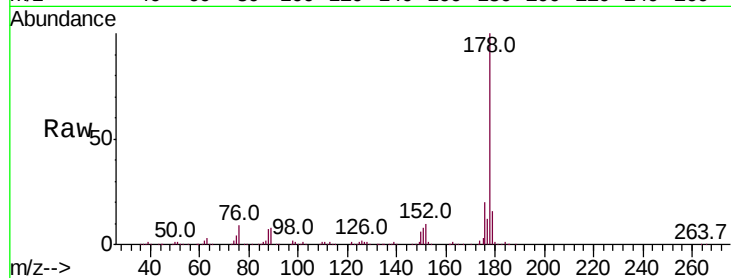
#71
Phenanthrene
Concen: 49.912 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.1	24.1
179	16.5	13.0	19.4

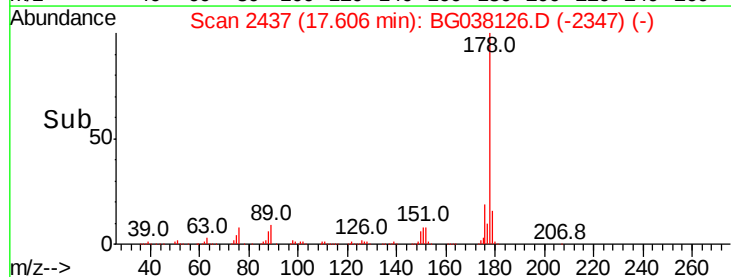
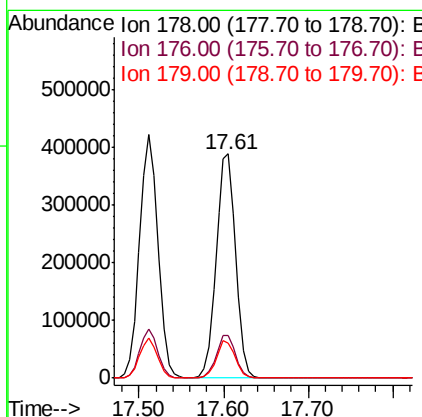
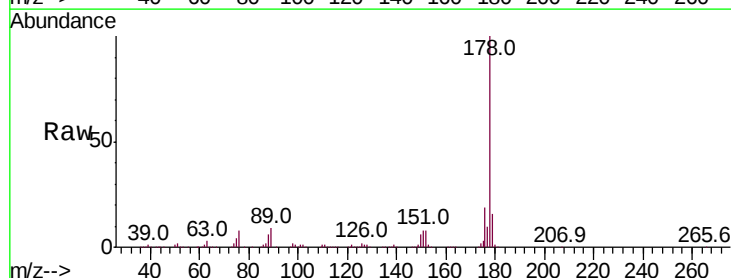
Manual Integrations
APPROVED

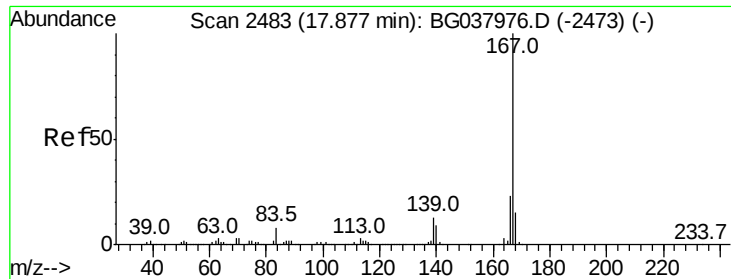
mohammad
11/23/2018 11:50:17 AM



#72
Anthracene
Concen: 49.990 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.8	12.8	19.2





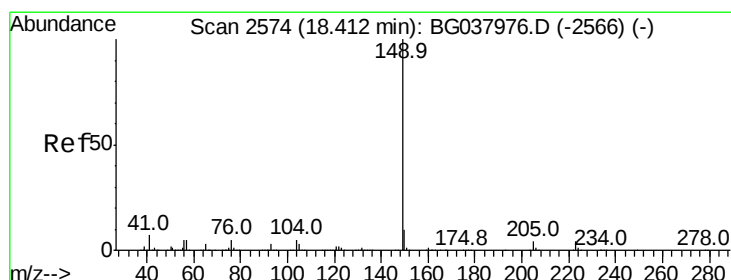
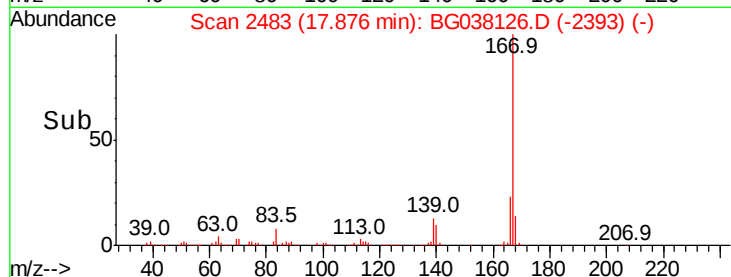
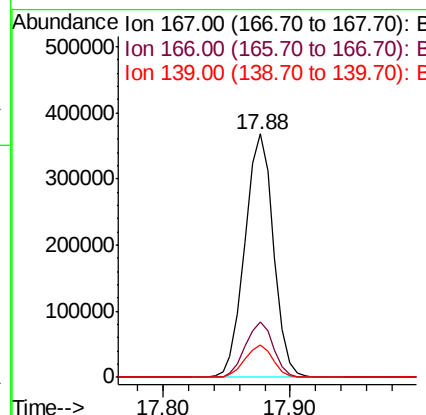
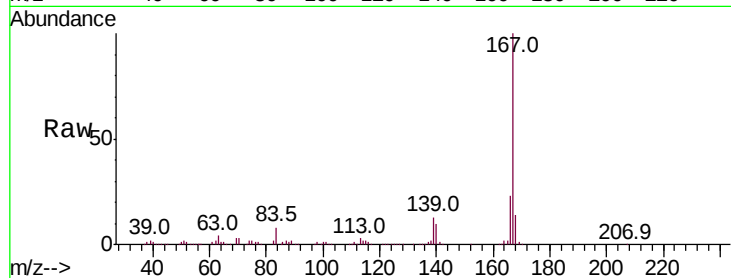
#73
 Carbazole
 Concen: 45.523 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	13.4	10.5	15.7

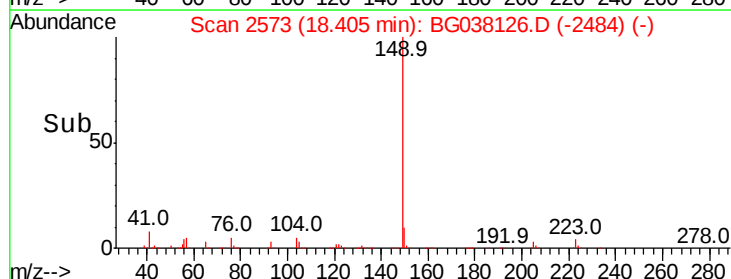
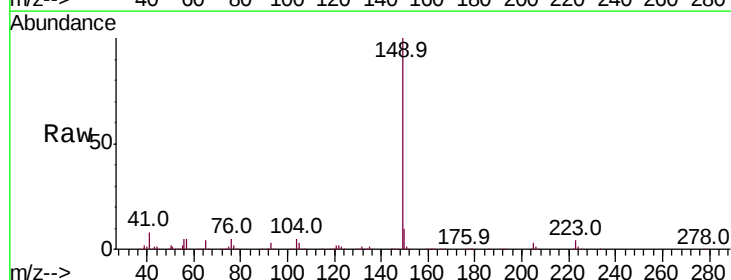
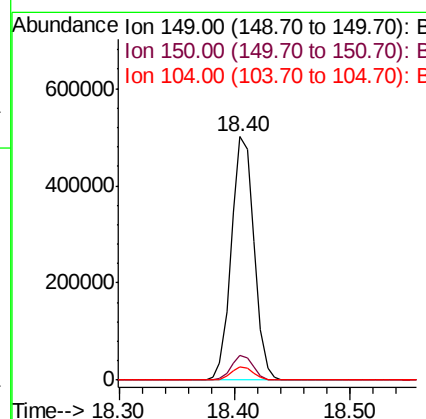
Manual Integrations
 APPROVED

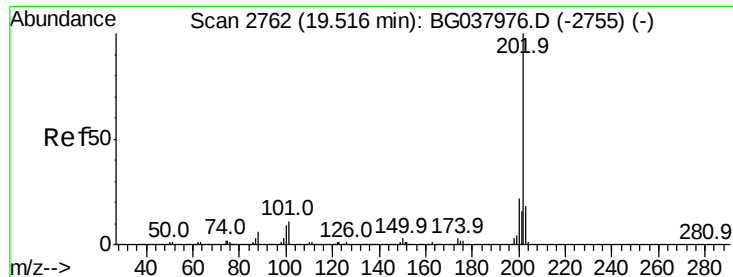
mohammad
 11/23/2018 11:50:17 AM



#74
 Di-n-butylphthalate
 Concen: 48.046 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 49.426 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

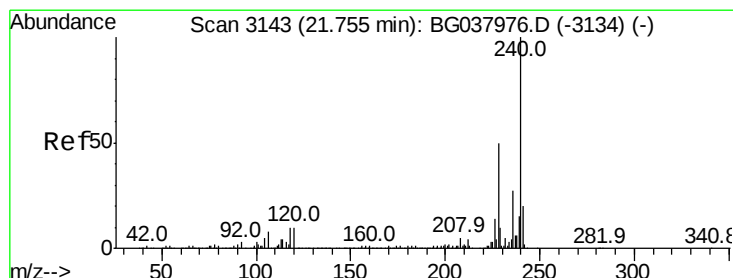
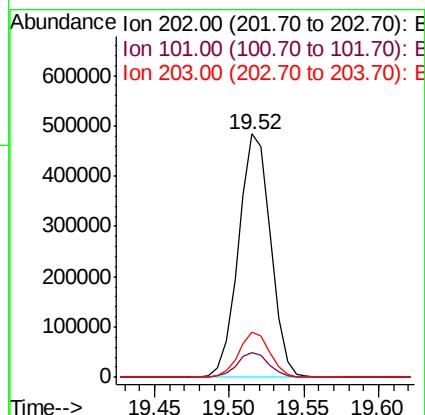
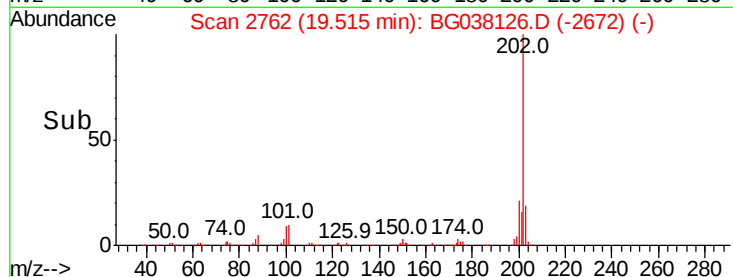
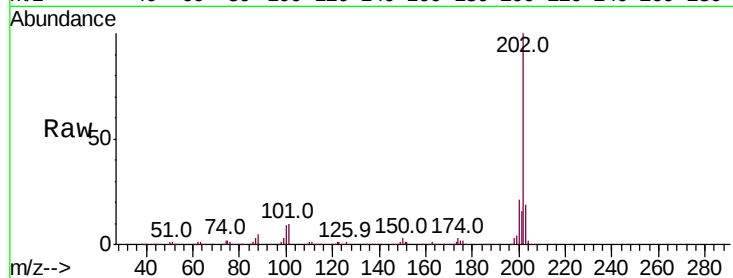
ClientSampleId :

NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	720600		
101	10.4	0.0	30.7	
203	18.8	0.0	38.5	

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#76

Chrysene-d12

Concen: 20.000 ng

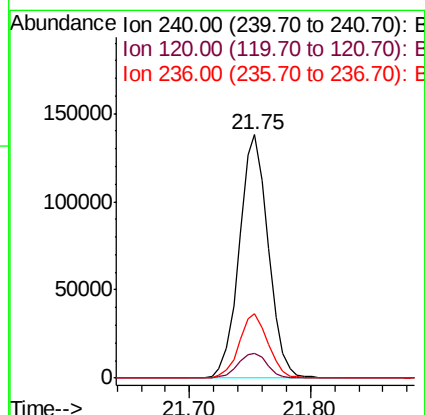
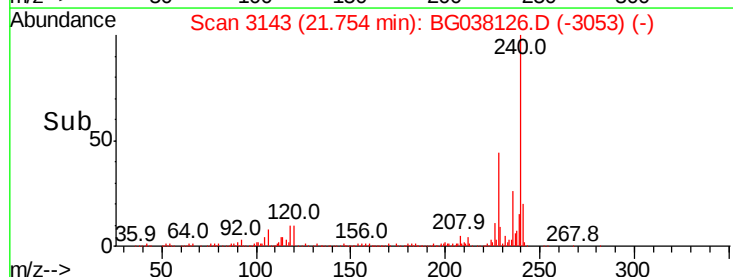
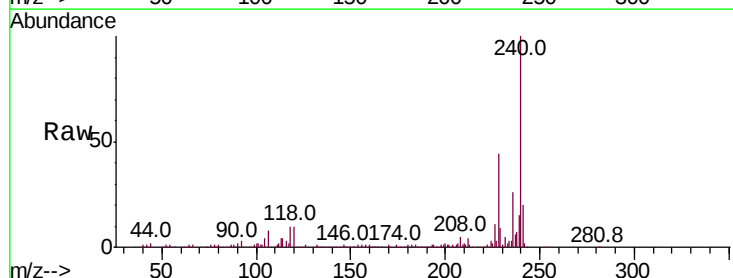
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230428		
120	10.4	8.1	12.1	
236	26.2	21.4	32.0	





#77

Benzidine

Concen: 6.831 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

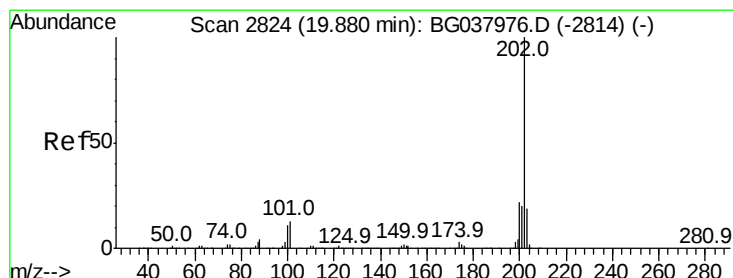
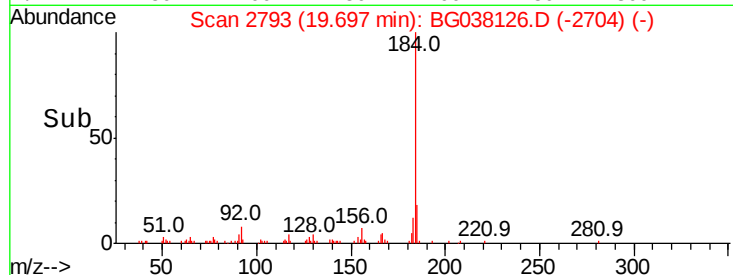
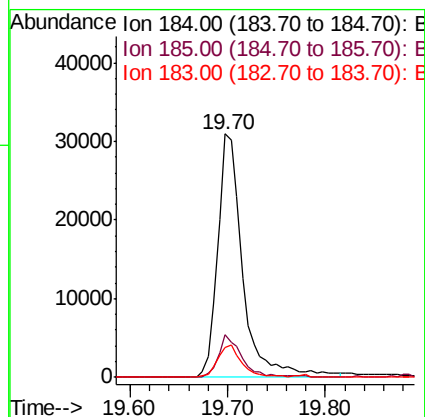
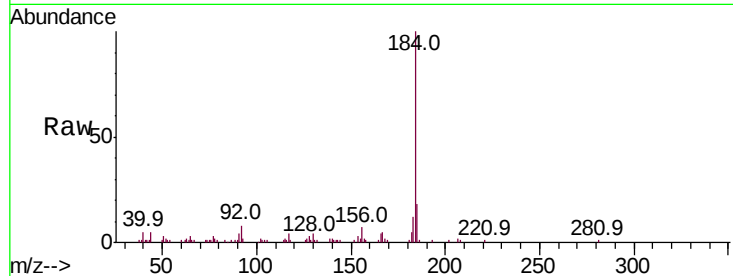
ClientSampleId :

NB-08-112018MS

Tot Ion:	184	Resp:	55231
Ion Ratio	Lower	Upper	
184	100		
185	17.8	12.6	18.8
183	12.4	10.2	15.2

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#78

Pyrene

Concen: 48.714 ng

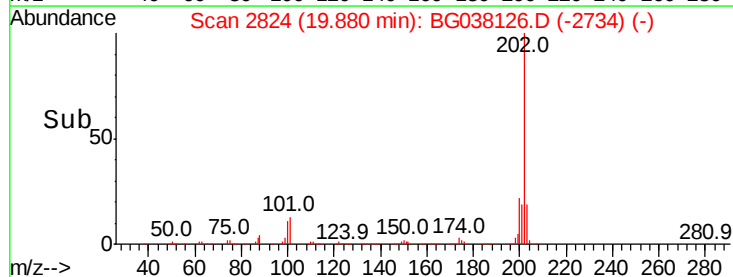
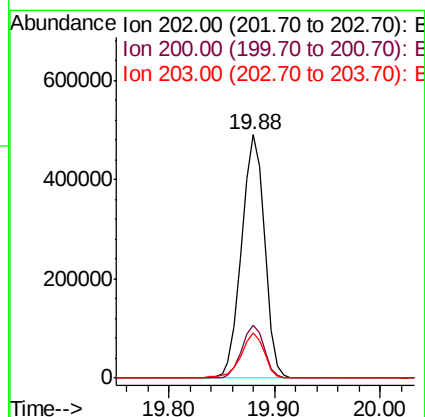
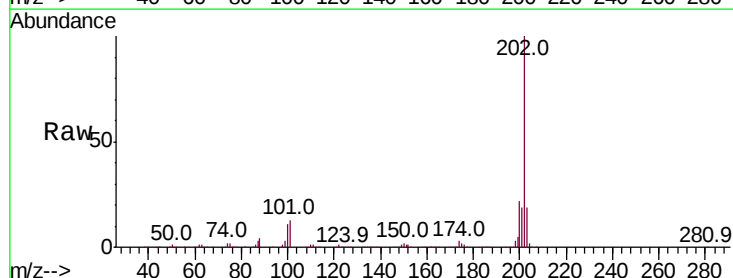
RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:	202	Resp:	733910
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.6	15.2	22.8





#79

Terphenyl-d14

Concen: 85.875 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

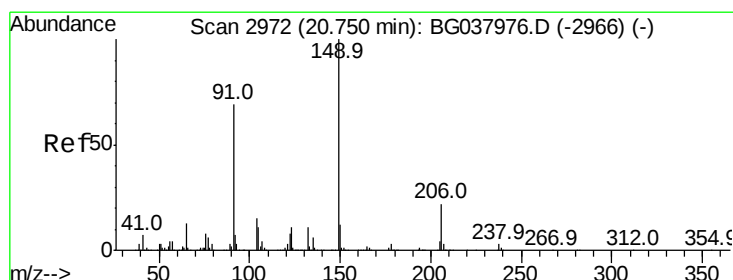
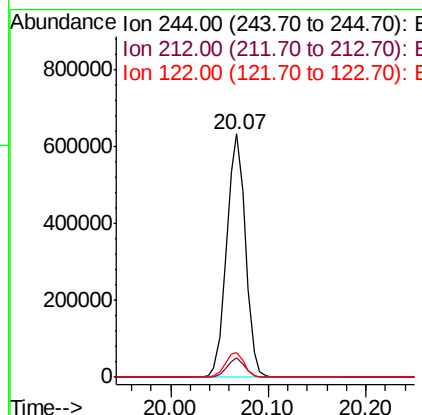
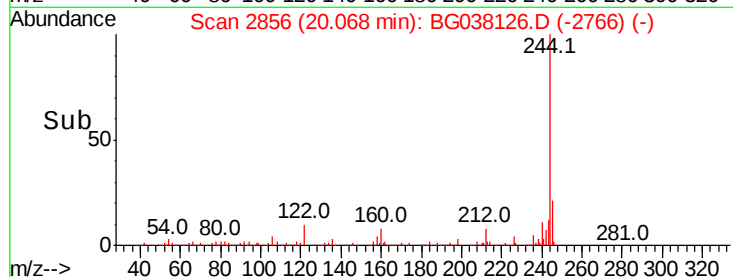
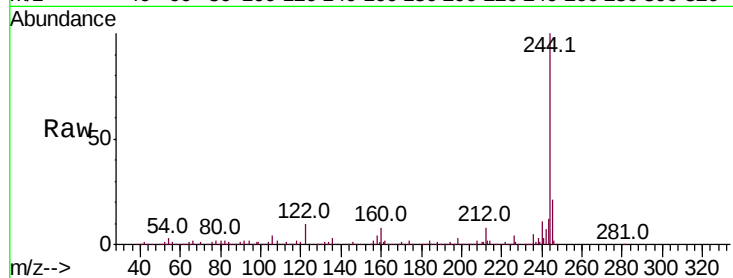
ClientSampleId :

NB-08-112018MS

Tot Ion:	244	Resp:	840966
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	10.4	9.0	13.4

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#80

Butylbenzylphthalate

Concen: 48.010 ng

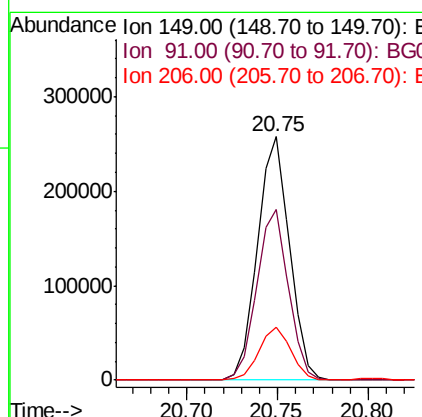
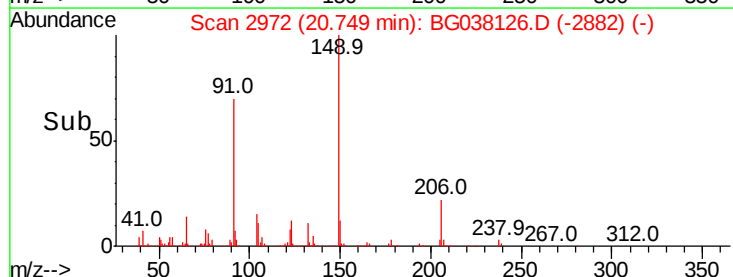
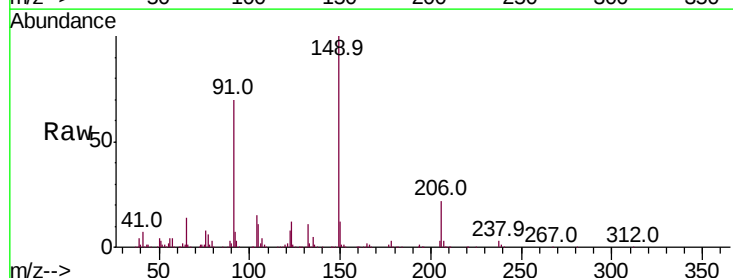
RT: 20.75 min Scan# 2972

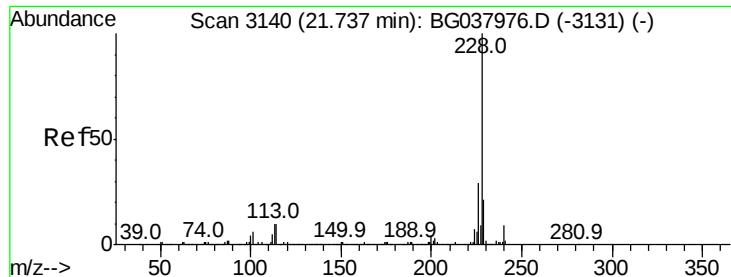
Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:	149	Resp:	316311
Ion Ratio	Lower	Upper	
149	100		
91	70.3	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 48.902 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

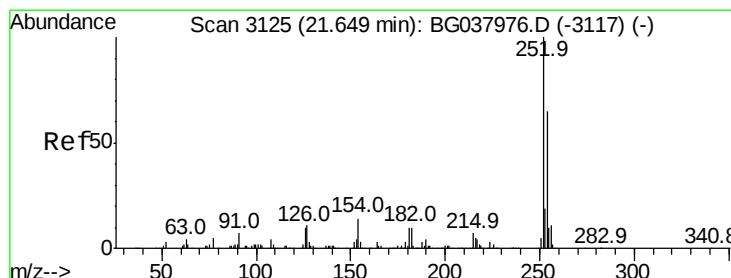
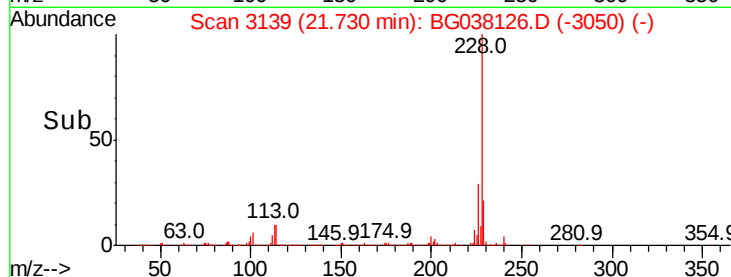
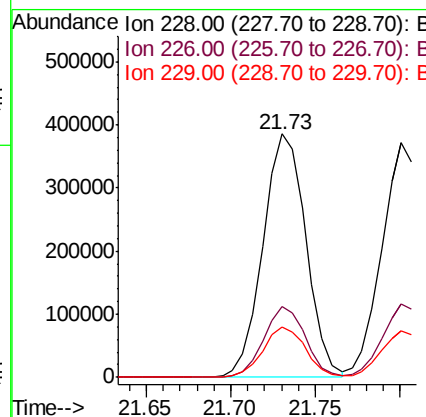
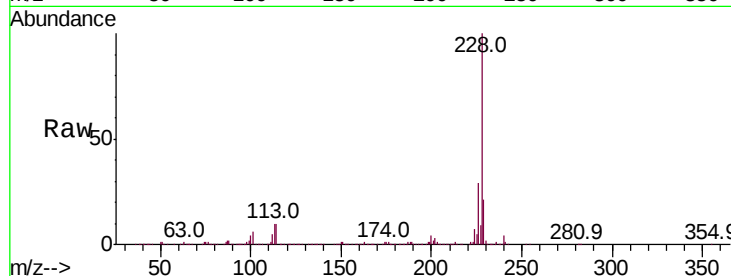
ClientSampleId :

NB-08-112018MS

Tot Ion:	228	Resp:	680964
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	33.8
229	20.7	16.3	24.5

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#82

3,3'-Dichlorobenzidine

Concen: 16.755 ng

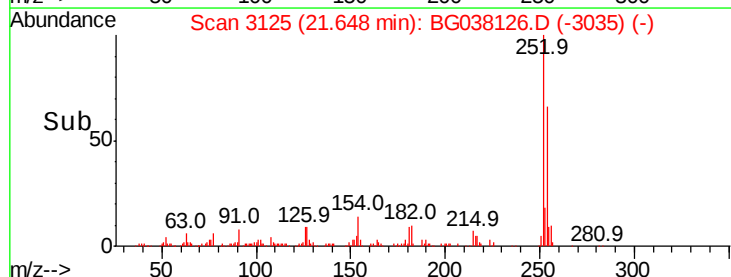
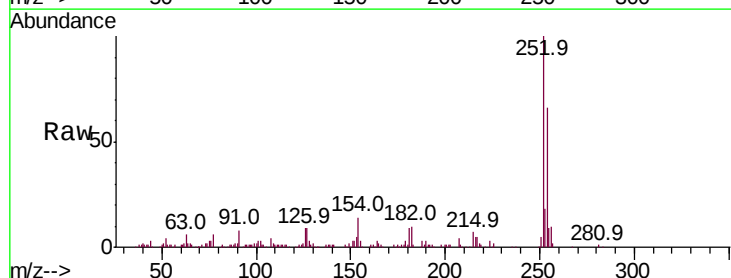
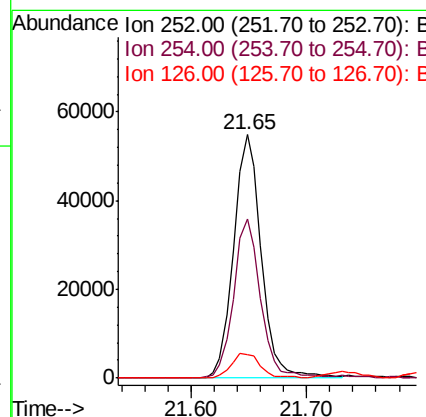
RT: 21.65 min Scan# 3125

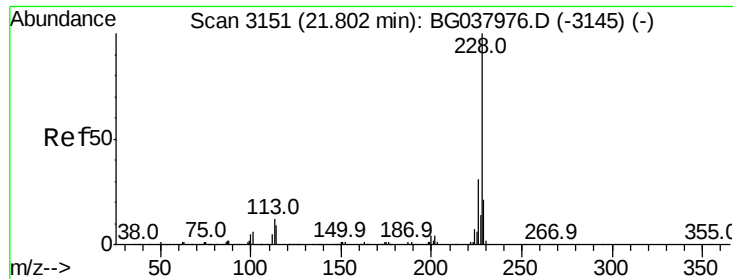
Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:	252	Resp:	90882
Ion Ratio	Lower	Upper	
252	100		
254	65.6	52.0	78.0
126	9.5	8.2	12.4





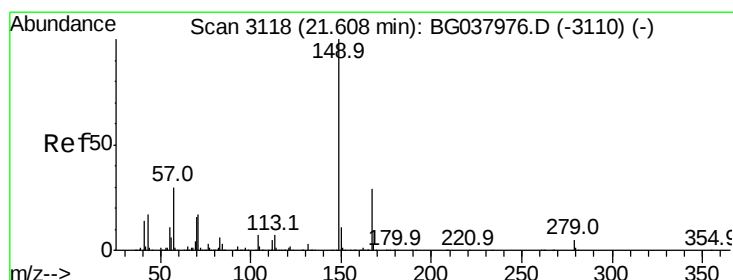
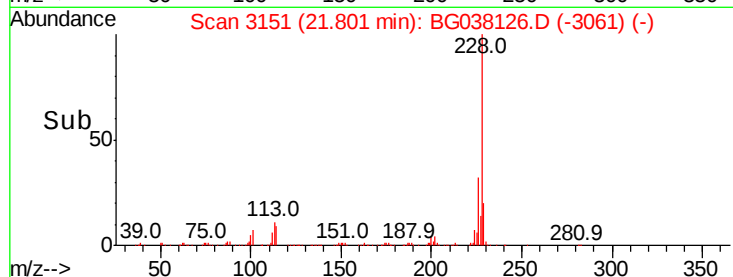
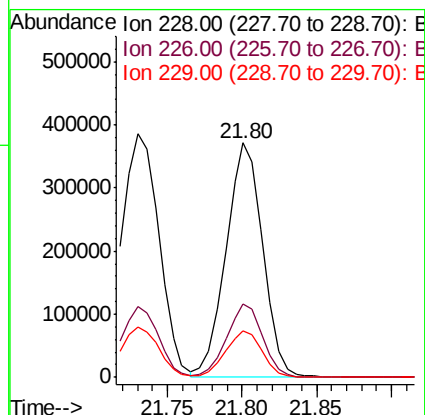
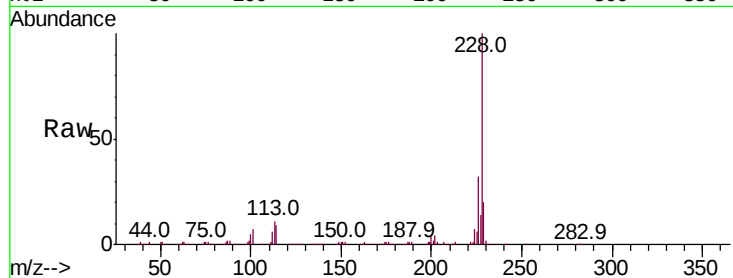
#83
 Chrvsene
 Concen: 47.654 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.1	16.5	24.7

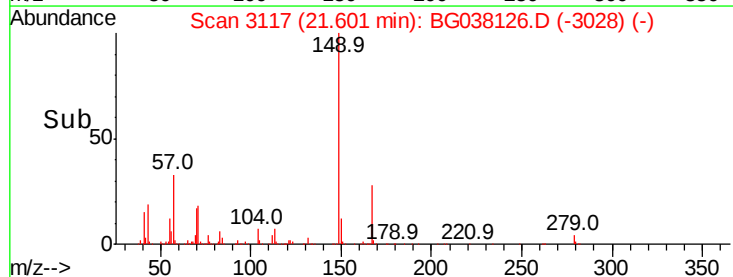
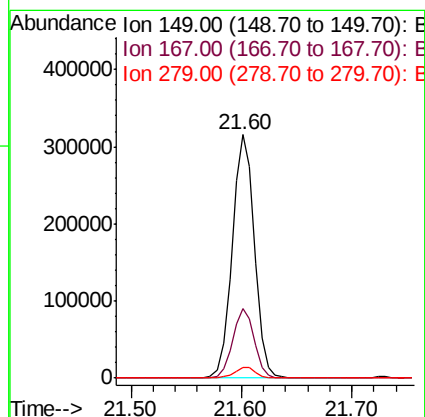
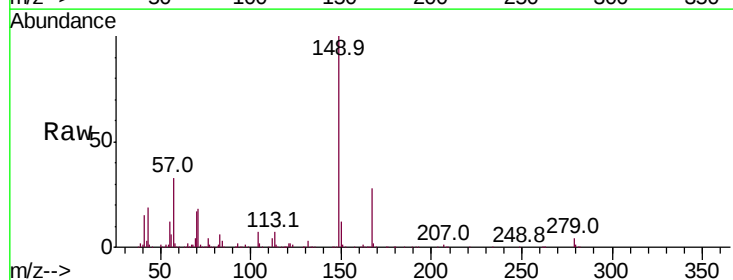
Manual Integrations
 APPROVED

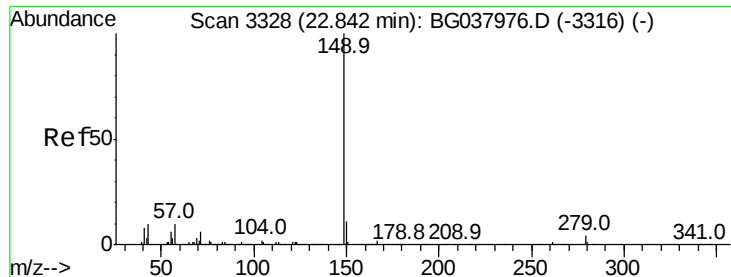
mohammad
 11/23/2018 11:50:17 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.251 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.2	3.6	5.4





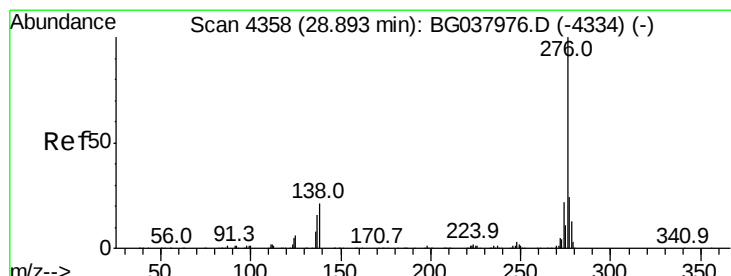
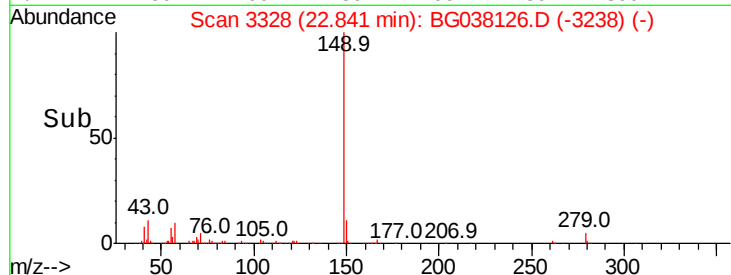
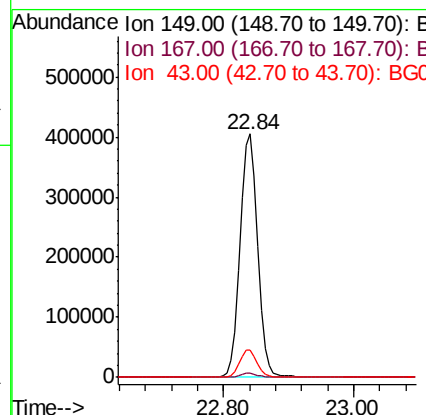
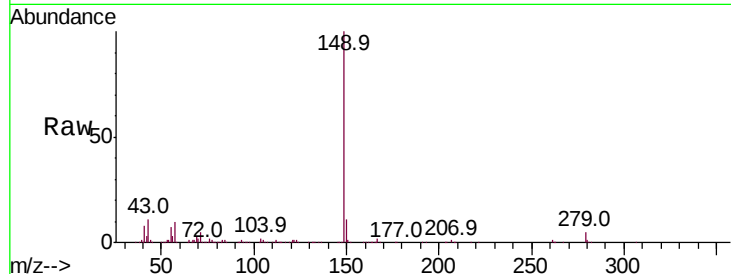
#85
Di-n-octyl phthalate
Concen: 49.835 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	757517		
167	1.7		1.3	1.9
43	11.1		8.7	13.1

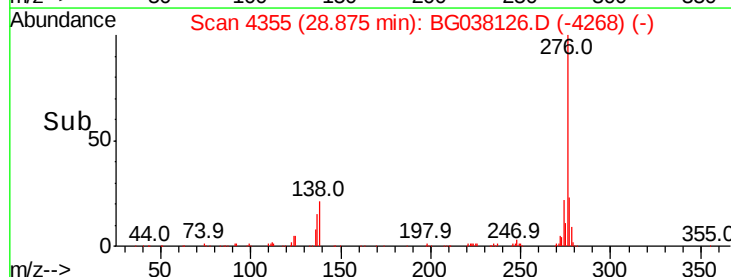
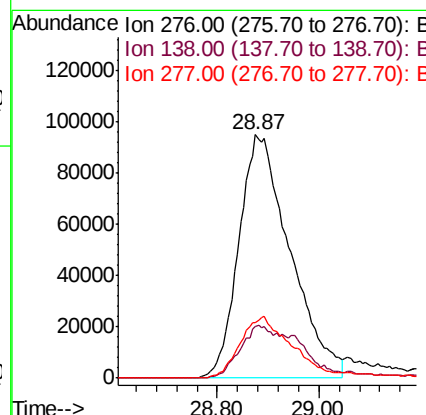
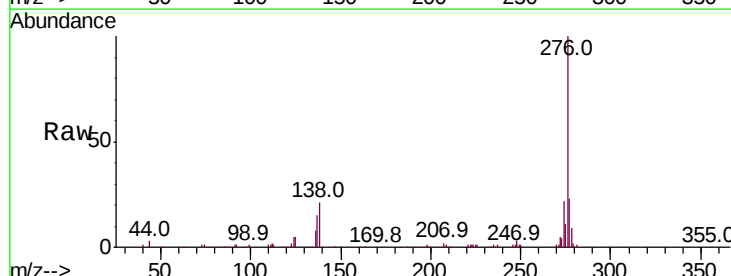
Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.998 ng
RT: 28.87 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	665849		
138	17.7		12.0	18.0
277	25.4		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

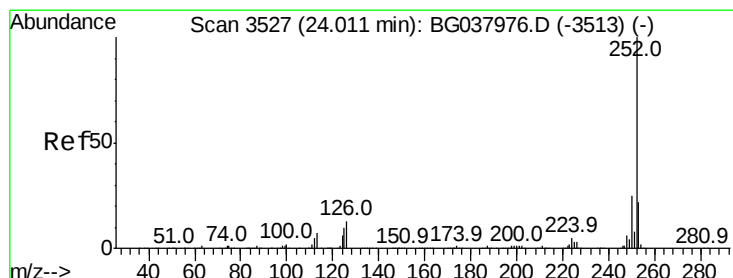
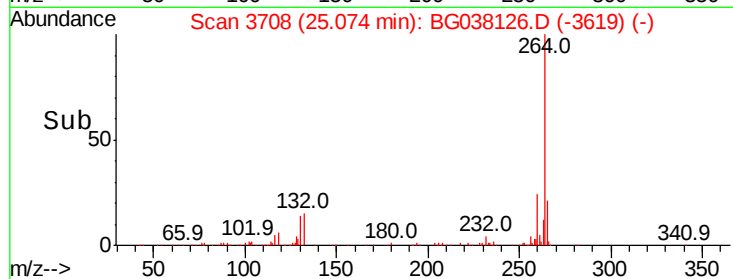
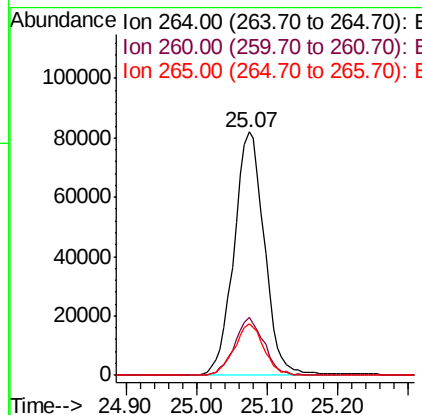
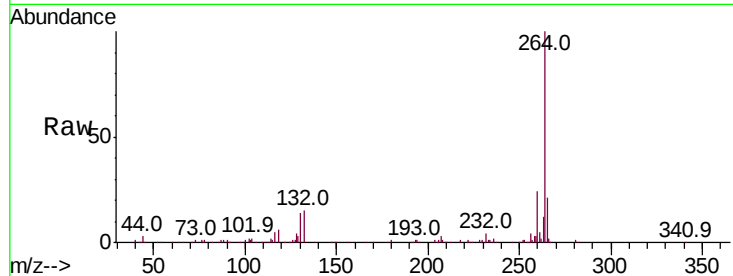
ClientSampleId :

NB-08-112018MS

Tot Ion:	264	Resp:	245304
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	21.2	17.9	26.9

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM



#88

Benzo(b)fluoranthene

Concen: 49.592 ng

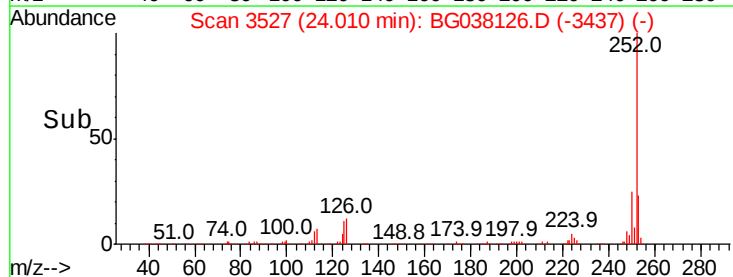
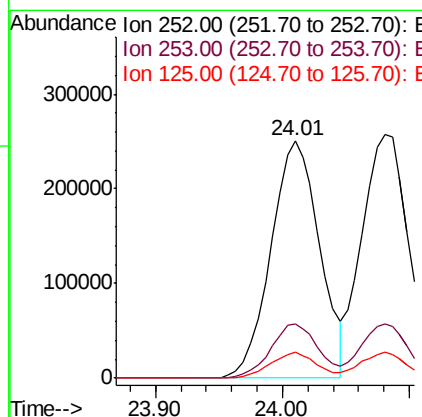
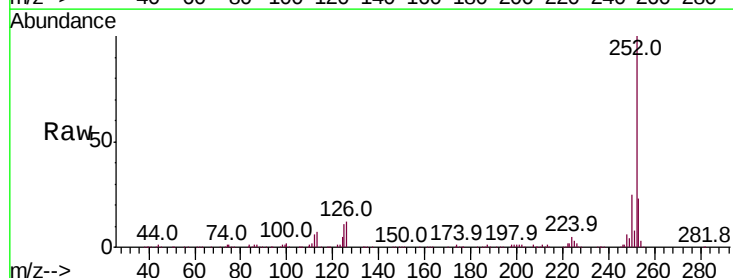
RT: 24.01 min Scan# 3527

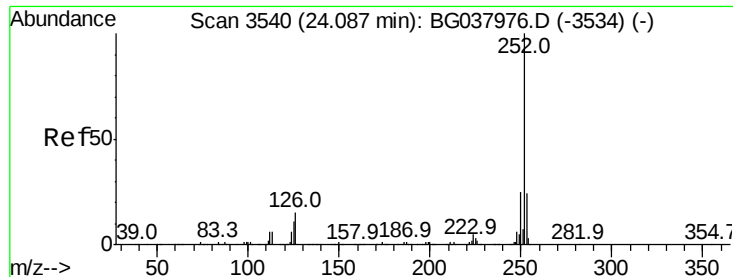
Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:	252	Resp:	669456
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	10.7	7.8	11.6





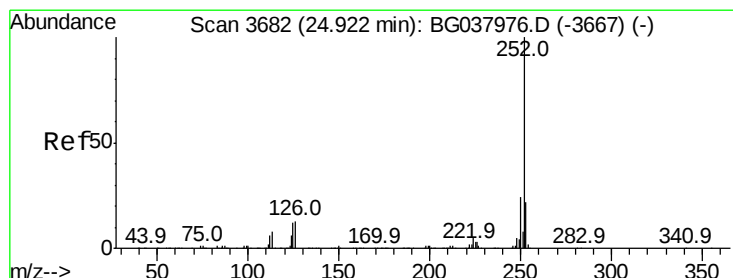
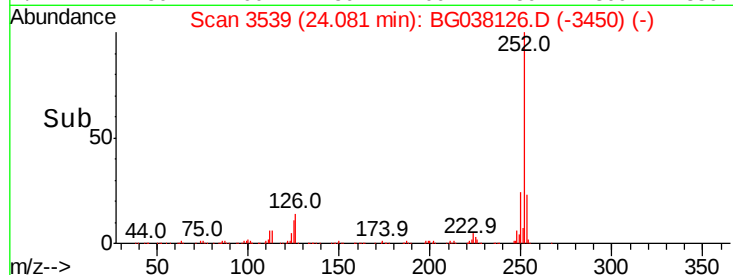
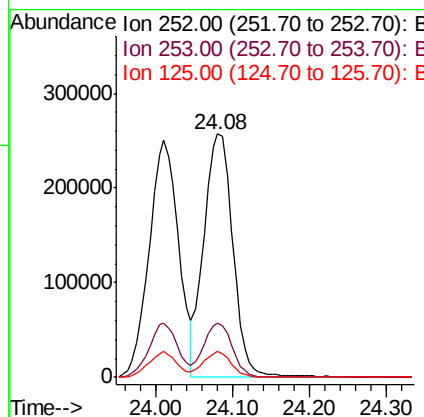
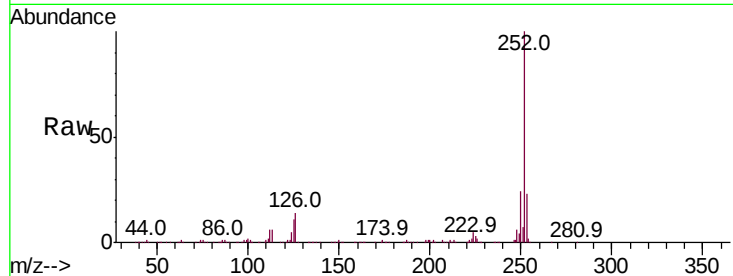
#89
Benzo(k)fluoranthene
Concen: 49.861 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion:	252	Resp:	664172
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	10.8	7.4	11.0

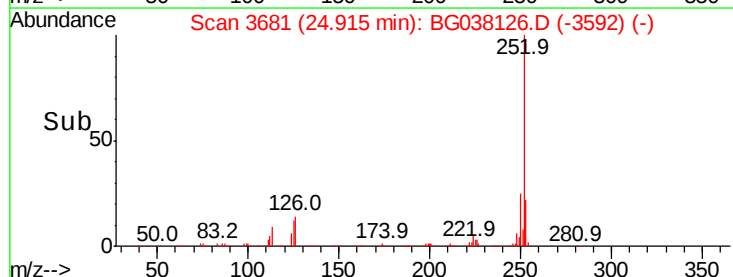
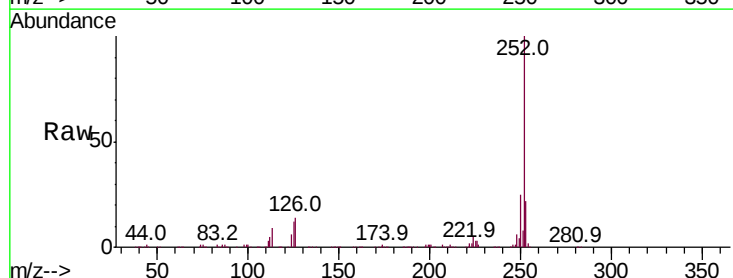
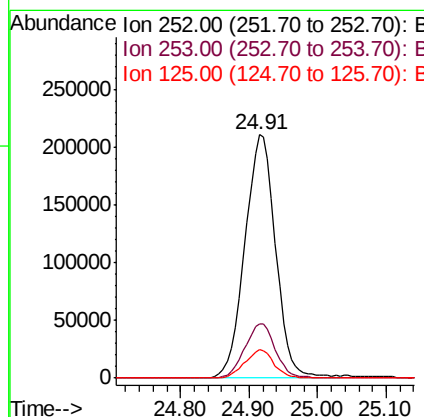
Manual Integrations
APPROVED

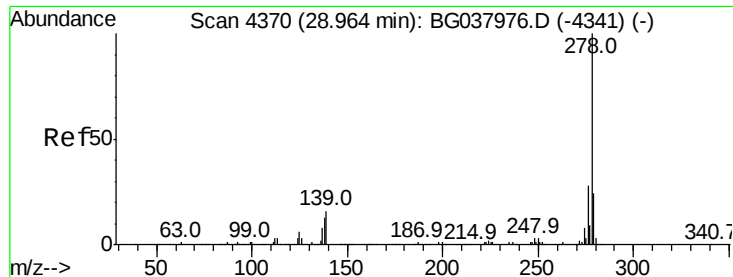
mohammad
11/23/2018 11:50:17 AM



#90
Benzo(a)pyrene
Concen: 51.075 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:	252	Resp:	658914
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	11.6	9.0	13.6





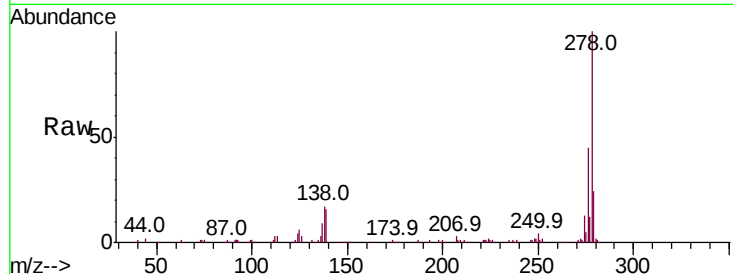
#91
Dibenzo(a,h)anthracene
Concen: 45.617 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	24.2	18.6	27.8

Manual Integrations
APPROVED

mohammad
11/23/2018 11:50:17 AM

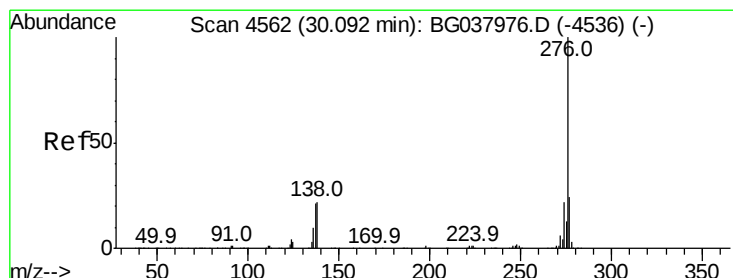
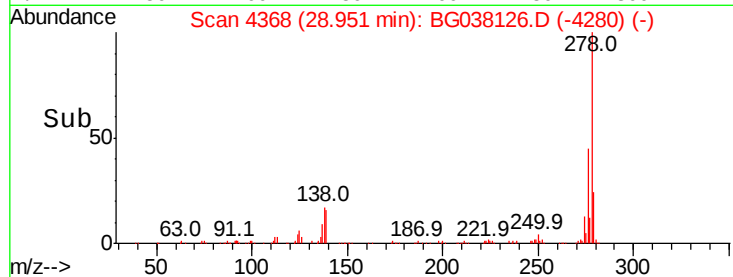
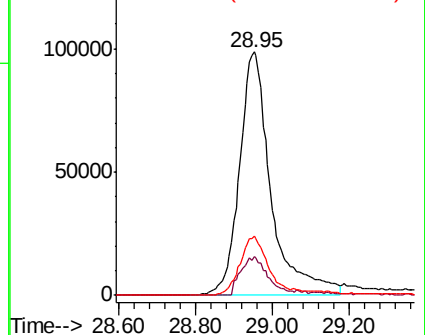


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.296 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	19.9	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

