

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041343.D
 Acq On : 20 Jun 2019 2:27
 Operator : HP/JU
 Sample : K3163-10MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

Manual Integrations
 APPROVED

mohammad
 6/21/2019 9:57:51 PM

Quant Time: Jun 20 14:25:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39626	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	154431	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	105464	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	257583	20.00	ng	0.00
76) Chrysene-d12	21.74	240	243490	20.00	ng	0.00
87) Perylene-d12	25.06	264	239359	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	266457	123.55	ng	0.00
7) Phenol-d6	7.24	99	345674	110.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	326114	88.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	228030	140.84	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	729933	94.07	ng	0.00
79) Terphenyl-d14	20.06	244	1194111	97.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	27161m	25.116	ng	
3) Pyridine	3.90	79	66736	23.262	ng	96
4) n-Nitrosodimethylamine	3.81	42	48980	32.015	ng	99
6) Aniline	7.41	93	68832	15.841	ng	98
8) 2-Chlorophenol	7.64	128	102653	40.510	ng	95
9) Benzaldehyde	7.22	77	83478	41.751	ng	99
10) Phenol	7.27	94	112032	33.327	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	98036	38.436	ng	97
12) 1,3-Dichlorobenzene	7.97	146	120184	37.879	ng	93
13) 1,4-Dichlorobenzene	8.12	146	121657	37.536	ng	92
14) 1,2-Dichlorobenzene	8.44	146	115039	37.161	ng	95
15) Benzyl Alcohol	8.32	79	103915	34.695	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	152864	36.611	ng	98
17) 2-Methylphenol	8.52	107	93970	39.101	ng	95
18) Hexachloroethane	9.16	117	43758	34.070	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	93596	37.019	ng	95
20) 3+4-Methylphenols	8.85	107	127182	39.753	ng	97
22) Acetophenone	8.92	105	181872	40.470	ng	# 97
24) Nitrobenzene	9.31	77	153260	41.499	ng	99
25) Isophorone	9.82	82	267561	39.716	ng	98
26) 2-Nitrophenol	10.02	139	64243	42.908	ng	94
27) 2,4-Dimethylphenol	10.06	122	100783	44.906	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	138969	39.590	ng	99
29) 2,4-Dichlorophenol	10.55	162	123477	44.372	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	145247	40.755	ng	98
31) Naphthalene	10.96	128	348887	41.568	ng	99
32) Benzoic acid	10.21	122	41362	28.311	ng	91
33) 4-Chloroaniline	11.08	127	34115	9.571	ng	94
34) Hexachlorobutadiene	11.21	225	107313	37.934	ng	96
35) Caprolactam	11.87	113	24331m	25.398	ng	
36) 4-Chloro-3-methylphenol	12.19	107	136534	42.477	ng	99
37) 2-Methylnaphthalene	12.56	142	260323	42.112	ng	99
38) 1-Methylnaphthalene	12.77	142	245674	41.538	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	195845	44.971	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041343.D
 Acq On : 20 Jun 2019 2:27
 Operator : HP/JU
 Sample : K3163-10MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

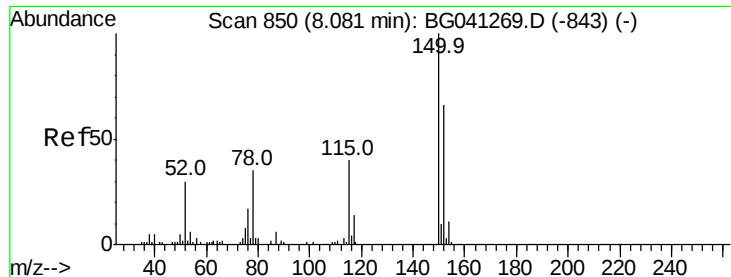
Manual Integrations
 APPROVED

mohammad
 6/21/2019 9:57:51 PM

Quant Time: Jun 20 14:25:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	61473	20.956	nq	97
43) 2,4,6-Trichlorophenol	13.16	196	118863	44.121	nq	100
44) 2,4,5-Trichlorophenol	13.24	196	123080	44.402	nq	97
46) 1,1'-Biphenyl	13.55	154	349432	43.827	nq	99
47) 2-Chloronaphthalene	13.61	162	291891	42.523	nq	99
48) 2-Nitroaniline	13.81	65	105336	41.900	nq	99
49) Acenaphthylene	14.45	152	452783	43.469	nq	99
50) Dimethylphthalate	14.17	163	371553	39.595	nq	99
51) 2,6-Dinitrotoluene	14.30	165	83996	42.452	nq	97
52) Acenaphthene	14.78	154	264508	43.244	nq	95
53) 3-Nitroaniline	14.64	138	48334	24.794	nq	99
54) 2,4-Dinitrophenol	14.85	184	27414	22.948	nq	88
55) Dibenzofuran	15.12	168	457692	43.038	nq	97
56) 4-Nitrophenol	14.95	139	108296	73.403	nq	97
57) 2,4-Dinitrotoluene	15.09	165	116773	40.373	nq	98
58) Fluorene	15.76	166	359820	43.011	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	123394m	43.047	nq	
60) Diethylphthalate	15.52	149	371037	38.902	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	227466	41.790	nq	99
62) 4-Nitroaniline	15.80	138	78764	37.777	nq	95
63) Azobenzene	16.05	77	356826	41.935	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	24485	14.645	nq	96
66) n-Nitrosodiphenylamine	15.97	169	319592	46.728	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	143120	42.971	nq	97
68) Hexachlorobenzene	16.76	284	153755	43.110	nq	97
69) Atrazine	16.91	200	135954	Below Cal		95
70) Pentachlorophenol	17.11	266	176815	96.817	nq	98
71) Phenanthrene	17.51	178	600060	43.679	nq	99
72) Anthracene	17.60	178	613963	45.332	nq	100
73) Carbazole	17.87	167	524045	44.232	nq	99
74) Di-n-butylphthalate	18.40	149	616427	41.698	nq	100
75) Fluoranthene	19.51	202	755645	41.403	nq	99
77) Benzidine	19.70	184	216429	36.749	nq	98
78) Pyrene	19.88	202	759257	46.237	nq	99
80) Butylbenzylphthalate	20.74	149	275467	44.350	nq	97
81) Benzo(a)anthracene	21.73	228	727479	44.126	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	197568	34.138	nq	98
83) Chrysene	21.80	228	704052	44.407	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	377453	44.592	nq	98
85) Di-n-octyl phthalate	22.82	149	651578	45.498	nq	100
86) Indeno(1,2,3-cd)pyrene	28.88	276	514966	27.377	nq	# 98
88) Benzo(b)fluoranthene	24.00	252	670064	45.171	nq	99
89) Benzo(k)fluoranthene	24.07	252	705662	48.020	nq	98
90) Benzo(a)pyrene	24.91	252	643504	45.934	nq	99
91) Dibenzo(a,h)anthracene	28.94	278	446294	31.643	nq	98
92) Benzo(g,h,i)perylene	30.08	276	350192	25.125	nq	98

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



#1

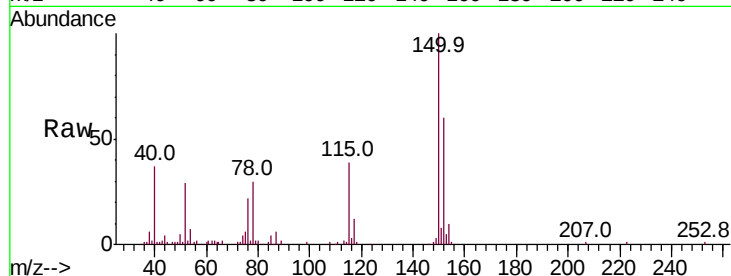
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	120.6	181.0
115	64.6	47.9	71.9

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM

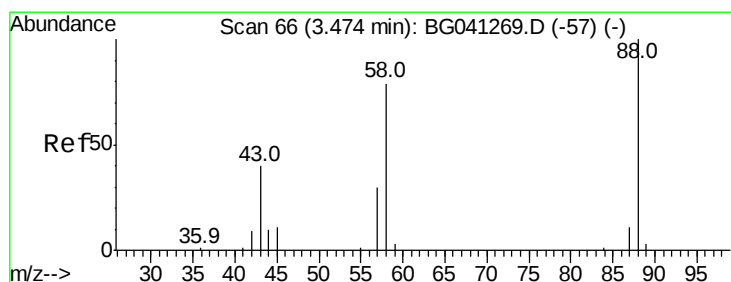
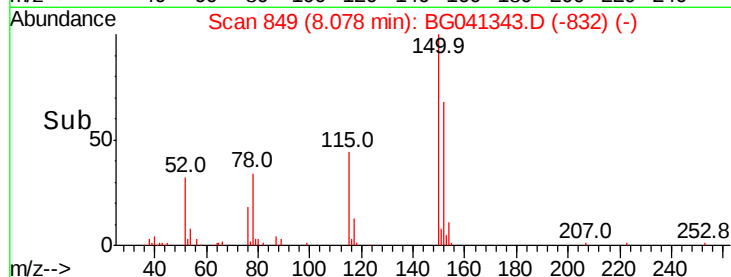
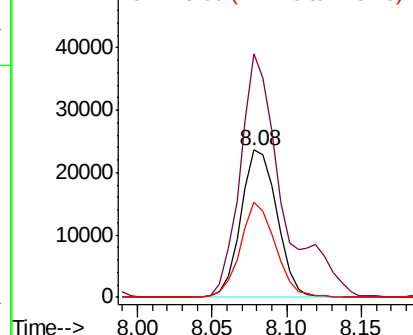


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

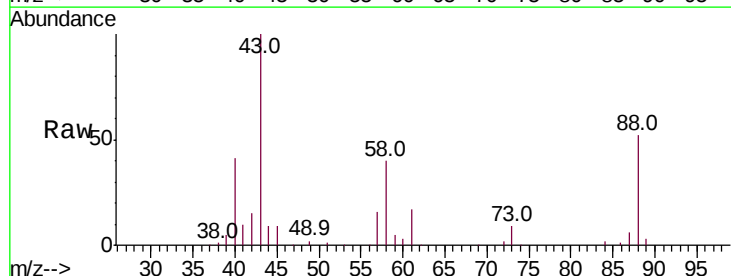
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.116 ng m
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	59.7	89.5
43	270.7	31.9	47.9#

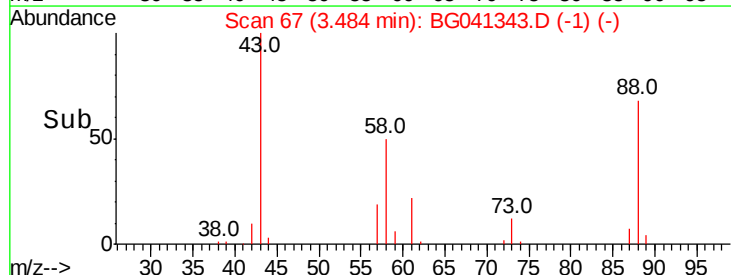
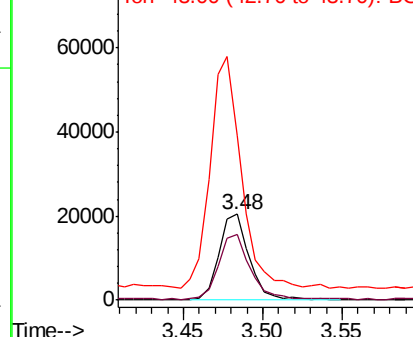


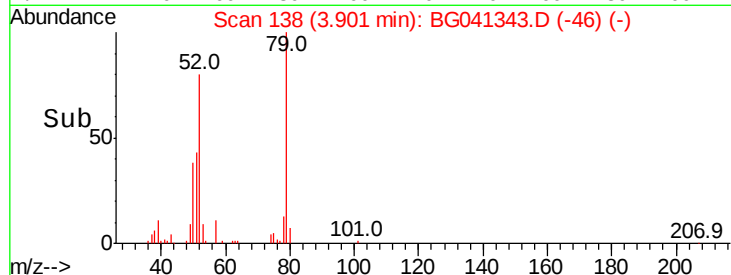
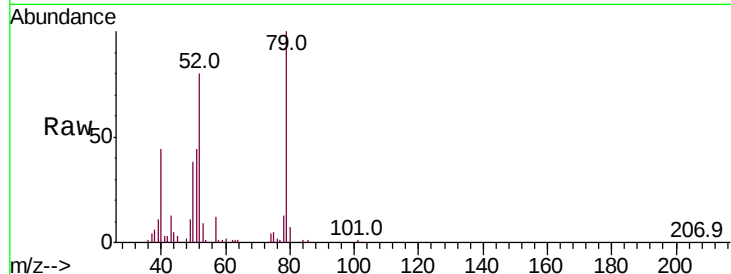
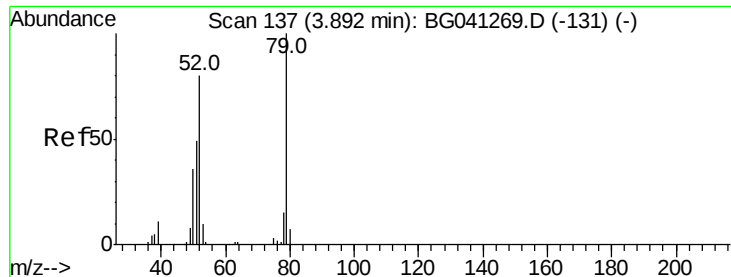
Abundance

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





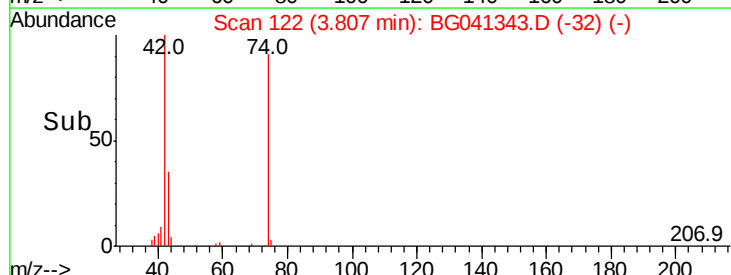
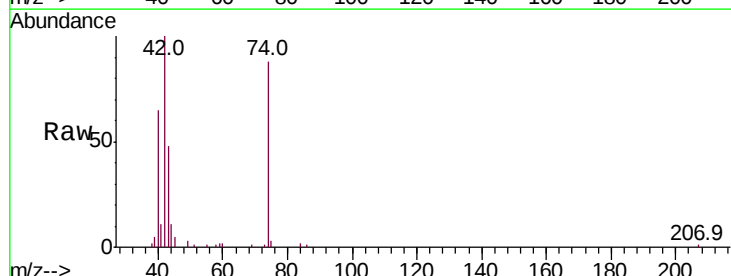
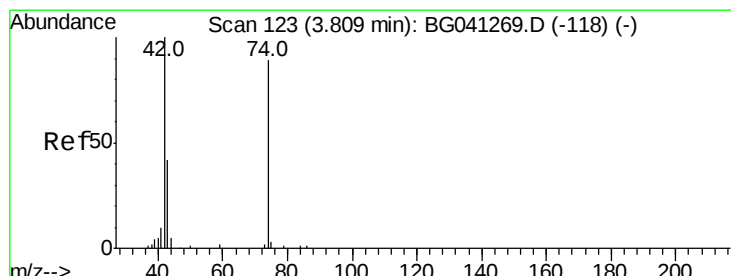
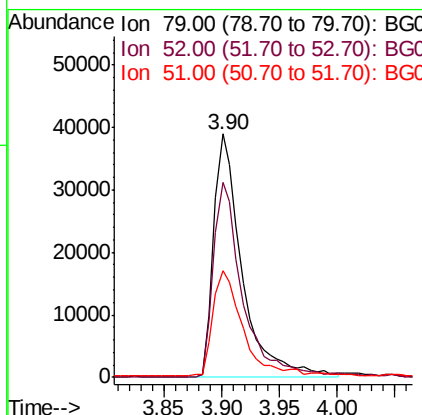
#3
Pvridine
Concen: 23.262 ng
RT: 3.90 min Scan# 138
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100	66736		
52	79.9	63.6	95.4	
51	43.7	39.8	59.6	

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

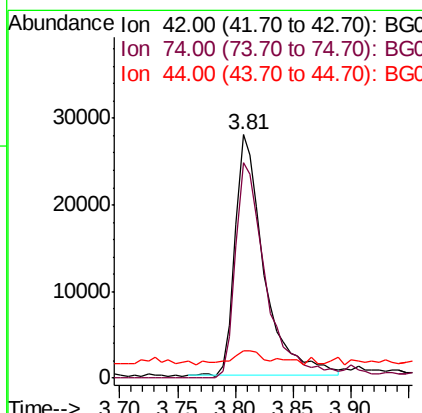
Manual Integrations
APPROVED

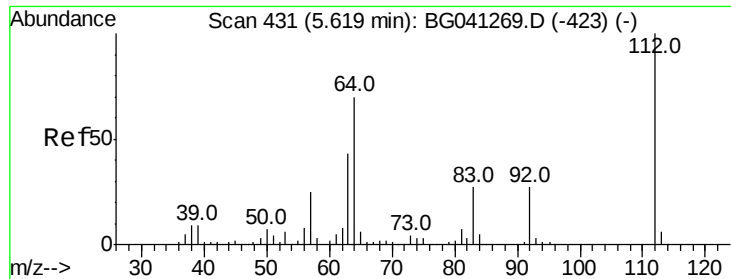
mohammad
6/21/2019 9:57:51 PM



#4
n-Nitrosodimethylamine
Concen: 32.015 ng
RT: 3.81 min Scan# 122
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	48980		
74	88.4	71.6	107.4	
44	11.5	9.0	13.4	





#5

2-Fluorophenol

Concen: 123.553 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

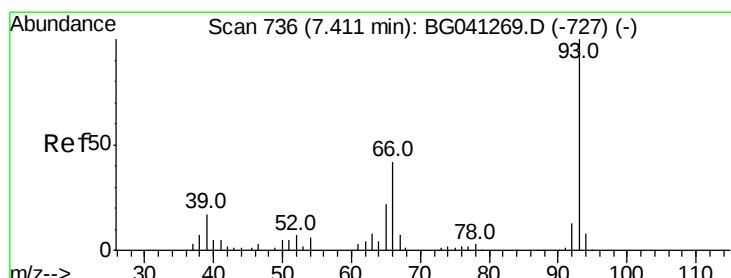
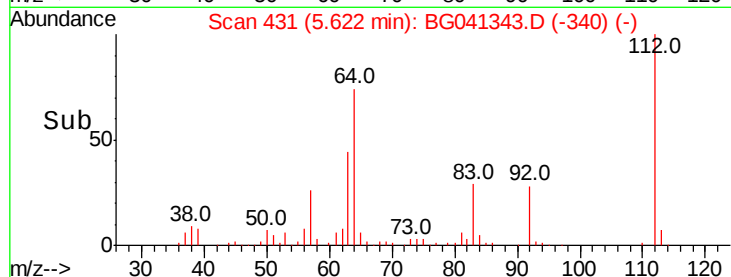
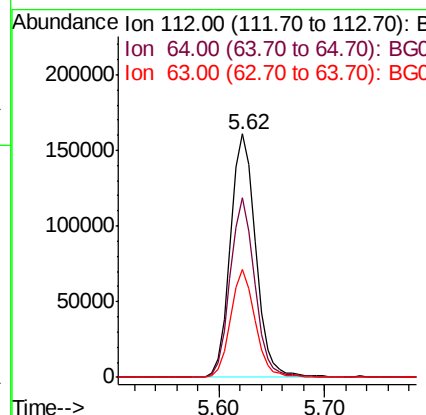
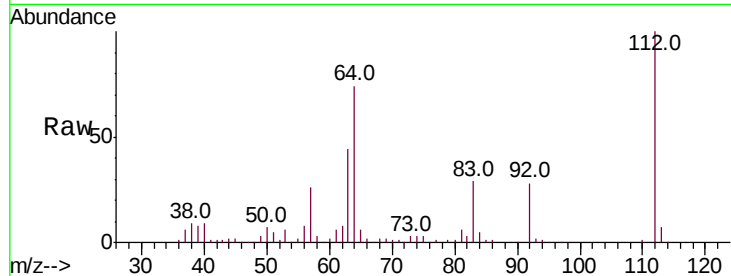
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	112	Resp:	266457
Ion Ratio	Lower	Upper	
112	100		
64	73.6	55.9	83.9
63	44.1	34.6	51.8

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#6

Aniline

Concen: 15.841 ng

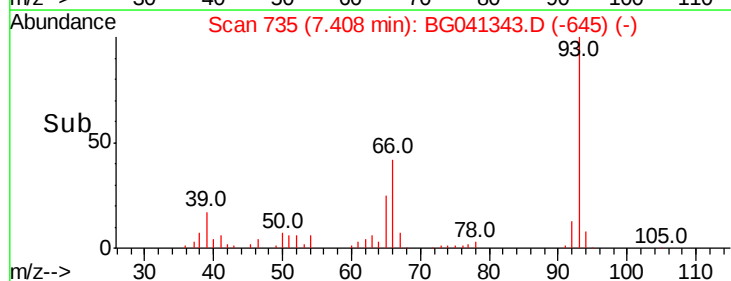
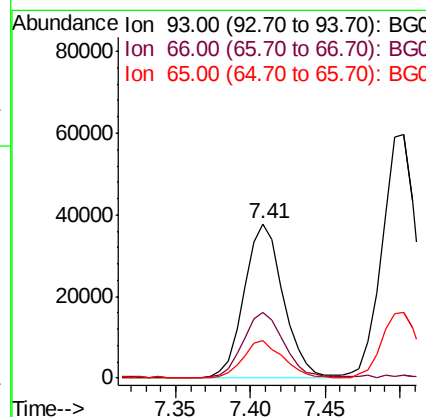
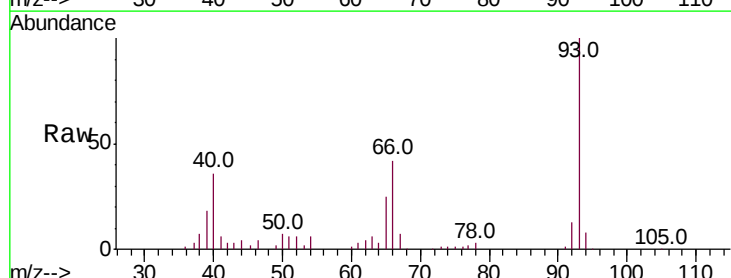
RT: 7.41 min Scan# 735

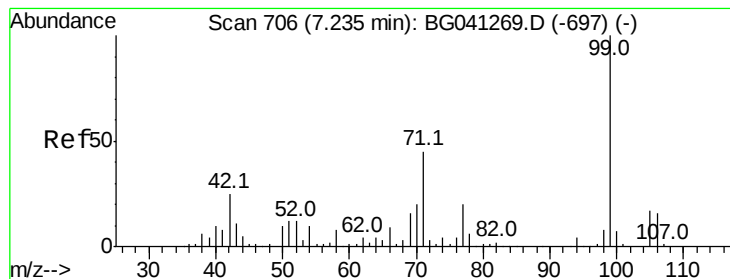
Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	93	Resp:	68832
Ion Ratio	Lower	Upper	
93	100		
66	42.4	34.2	51.2
65	24.6	17.7	26.5





#7

Phenol-d6

Concen: 110.579 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

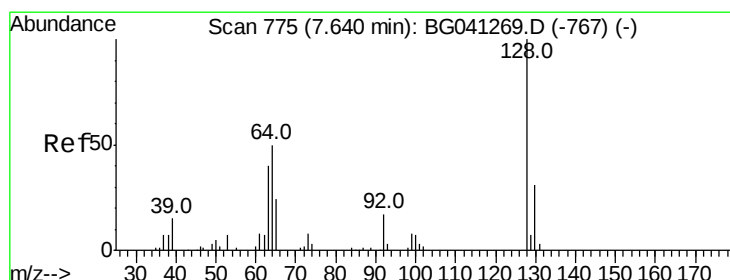
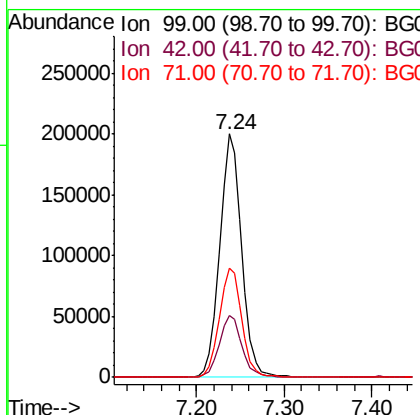
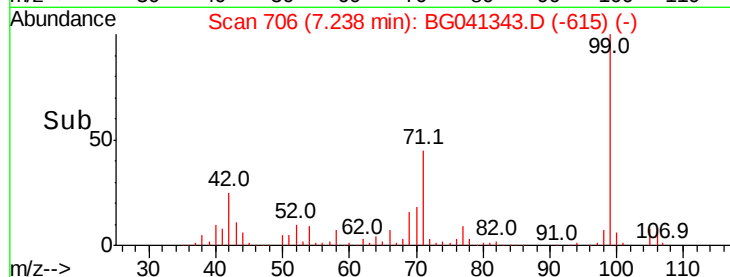
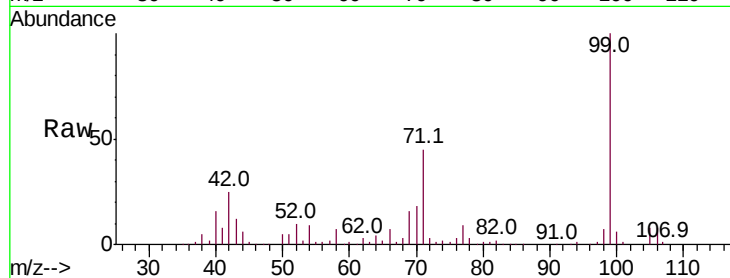
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	99	Resp:	345674
Ion Ratio	Lower	Upper	
99	100		
42	25.3	19.9	29.9
71	45.1	36.4	54.6

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#8

2-Chlorophenol

Concen: 40.510 ng

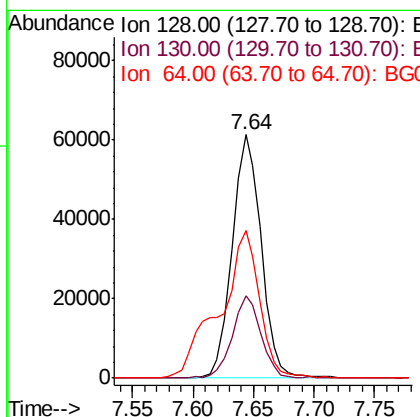
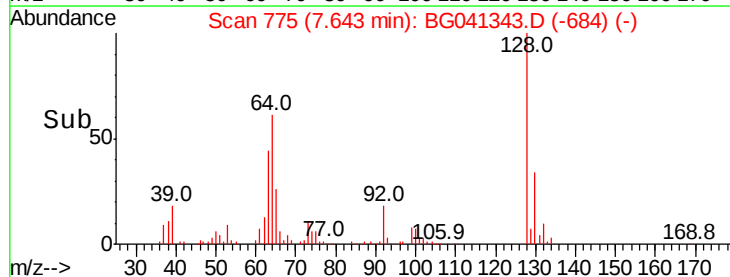
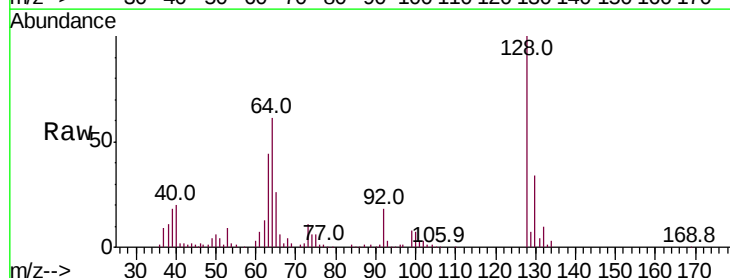
RT: 7.64 min Scan# 775

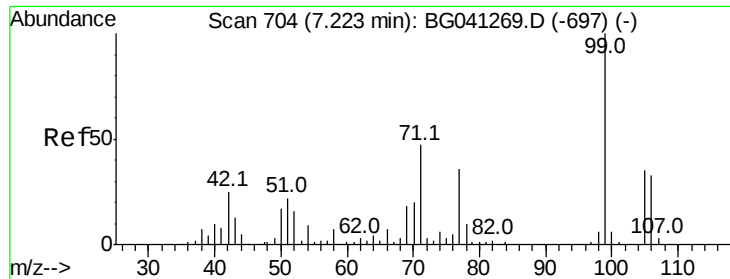
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	128	Resp:	102653
Ion Ratio	Lower	Upper	
128	100		
130	33.9	11.1	51.1
64	60.8	36.6	76.6





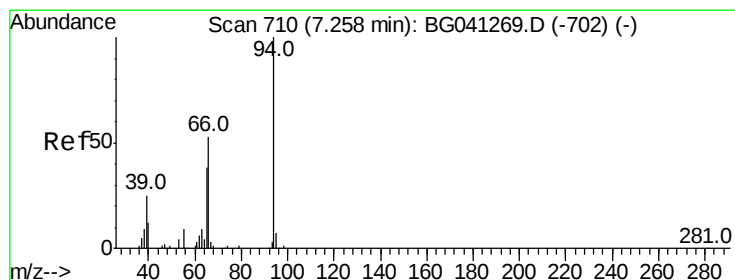
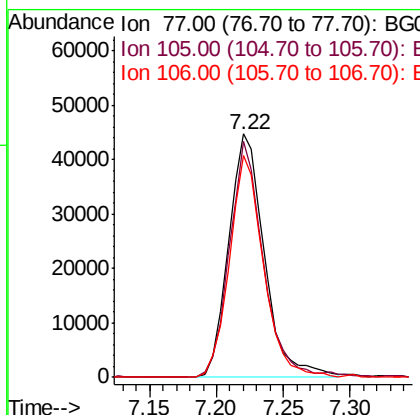
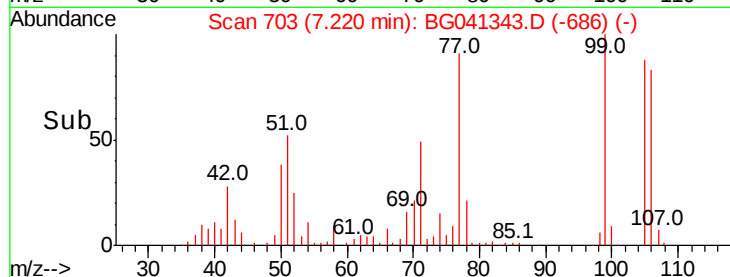
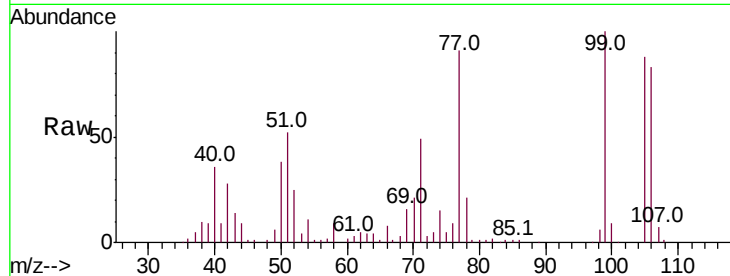
#9
Benzaldehyde
Concen: 41.751 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion: 77 Resp: 83478
Ion Ratio Lower Upper
77 100
105 96.8 78.7 118.7
106 91.3 71.1 111.1

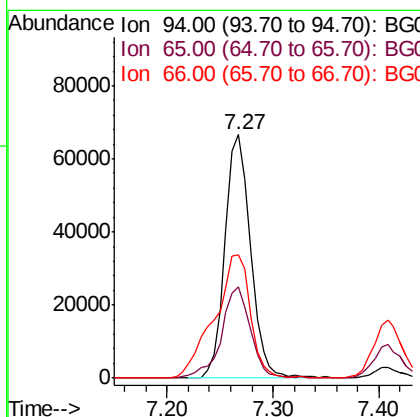
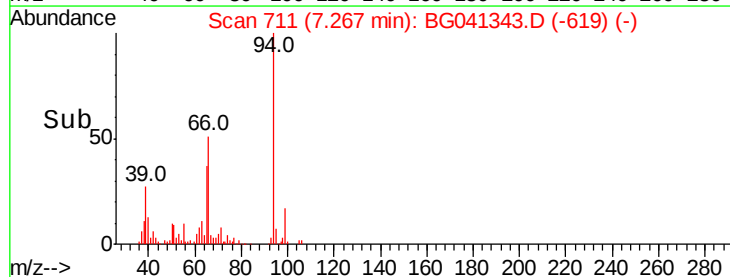
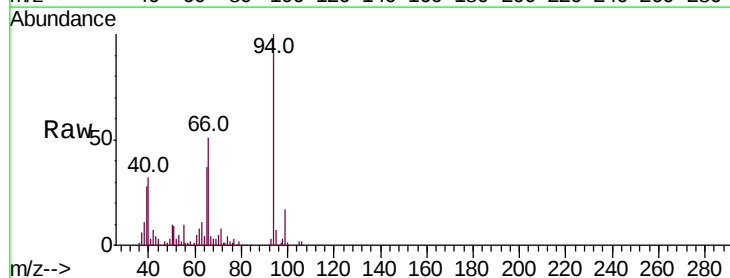
Manual Integrations
APPROVED

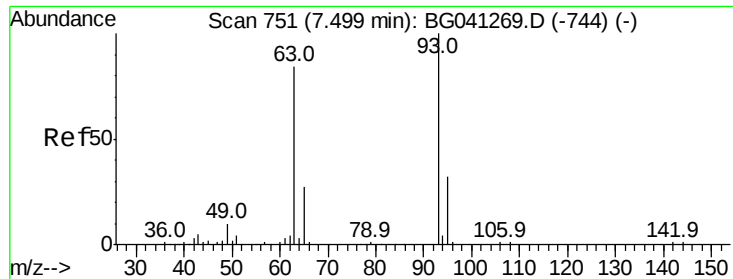
mohammad
6/21/2019 9:57:51 PM



#10
Phenol
Concen: 33.327 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion: 94 Resp: 112032
Ion Ratio Lower Upper
94 100
65 37.4 18.7 58.7
66 50.8 35.5 75.5





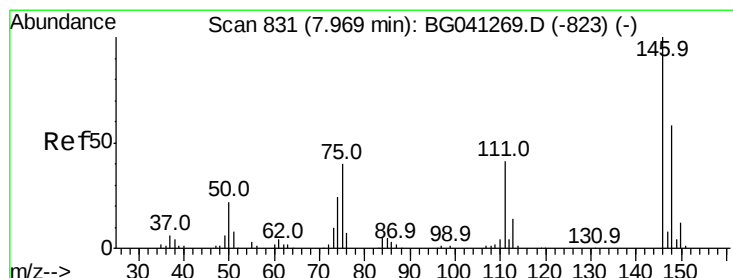
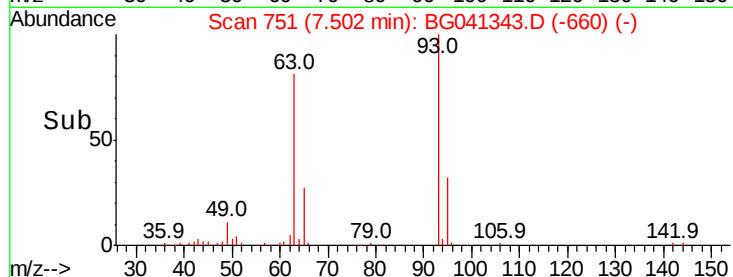
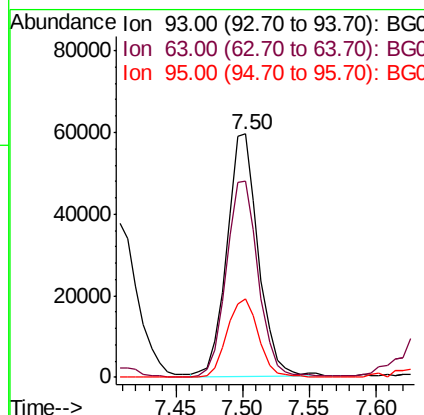
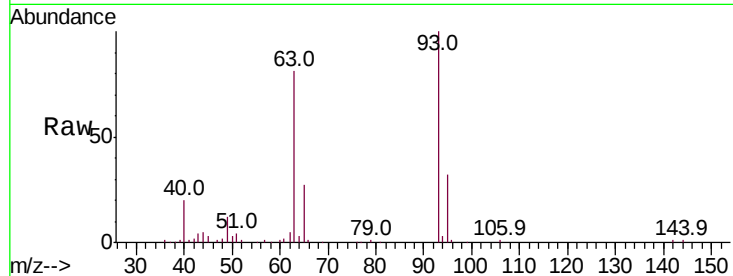
#11
bis(2-Chloroethyl)ether
Concen: 38.436 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	63.6	103.6
95	32.3	11.2	51.2

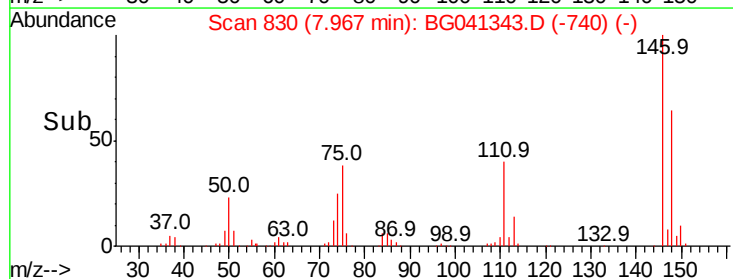
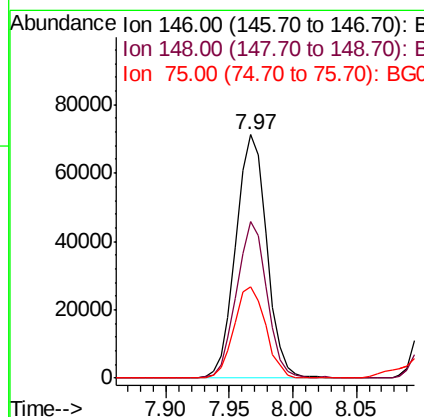
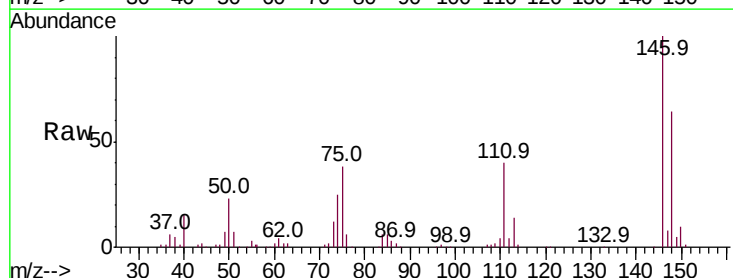
Manual Integrations
APPROVED

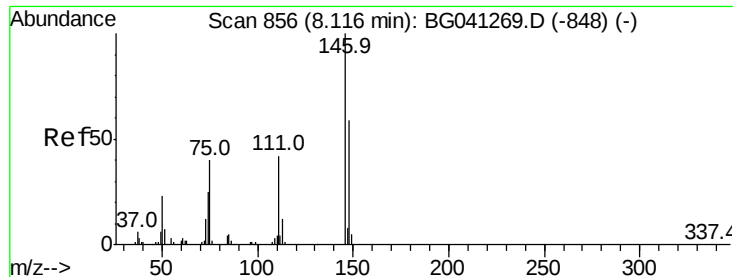
mohammad
6/21/2019 9:57:51 PM



#12
1,3-Dichlorobenzene
Concen: 37.879 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	46.5	69.7
75	37.5	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 37.536 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

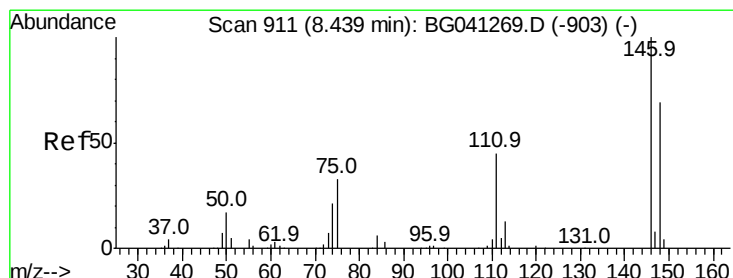
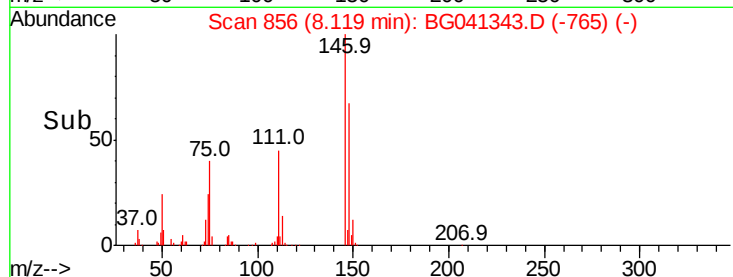
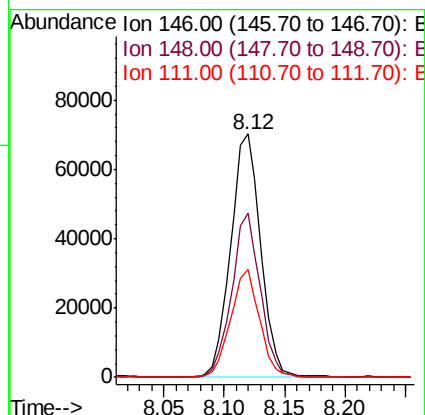
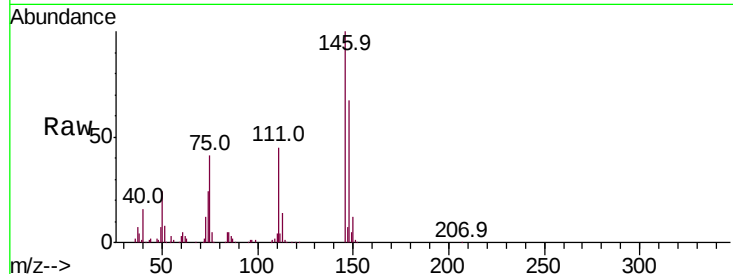
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	146	Resp:	121657
Ion Ratio	Lower	Upper	
146	100		
148	67.4	47.3	70.9
111	44.5	33.4	50.0

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#14

1,2-Dichlorobenzene

Concen: 37.161 ng

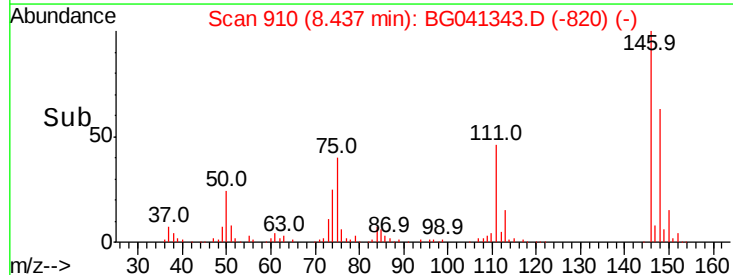
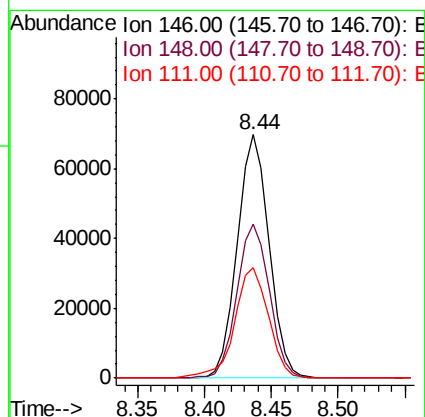
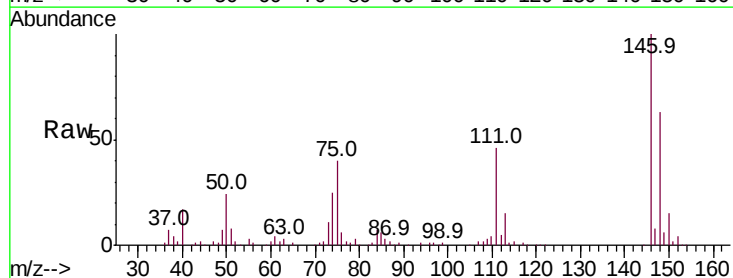
RT: 8.44 min Scan# 910

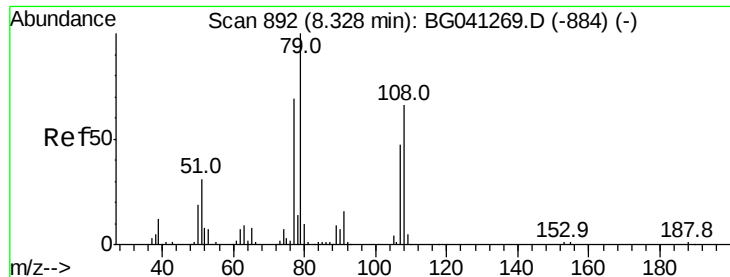
Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	146	Resp:	115039
Ion Ratio	Lower	Upper	
146	100		
148	63.1	54.9	82.3
111	45.5	37.0	55.6





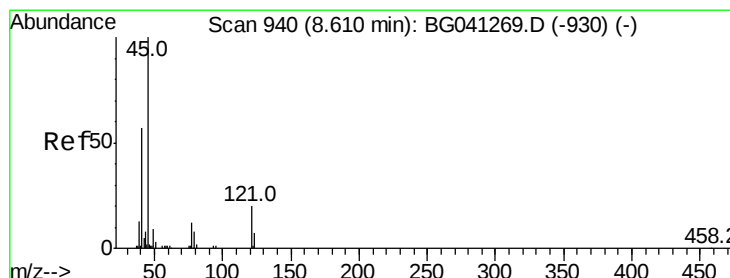
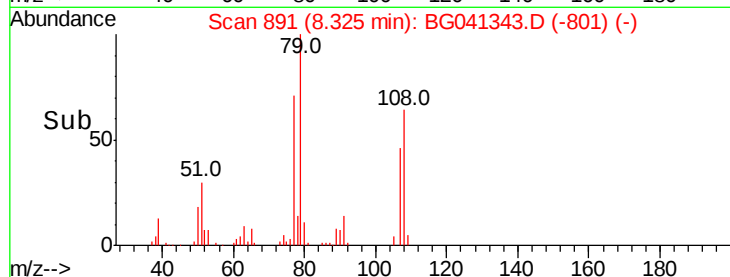
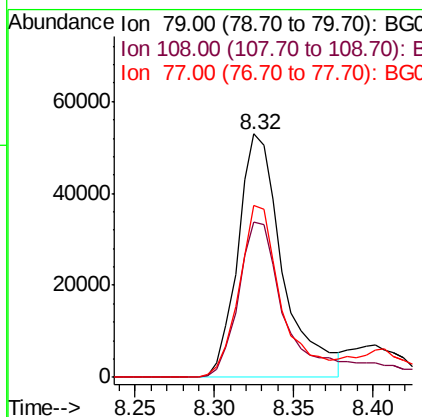
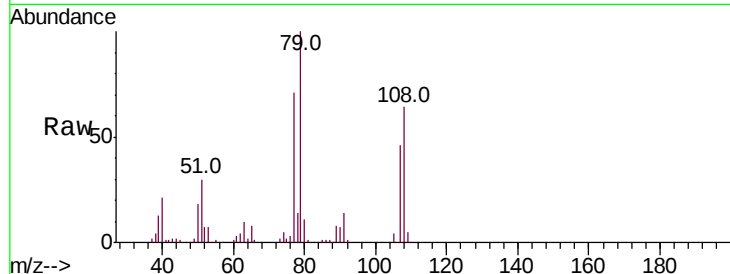
#15
Benzyl Alcohol
Concen: 34.695 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.9	52.7	79.1
77	70.7	55.2	82.8

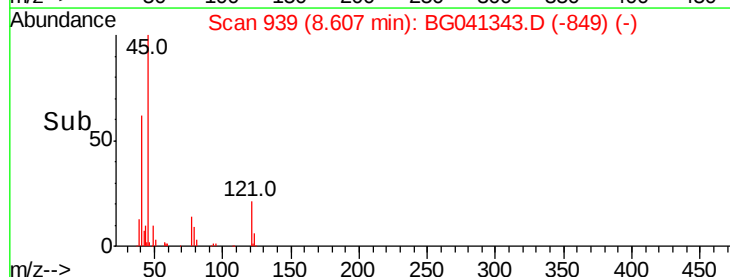
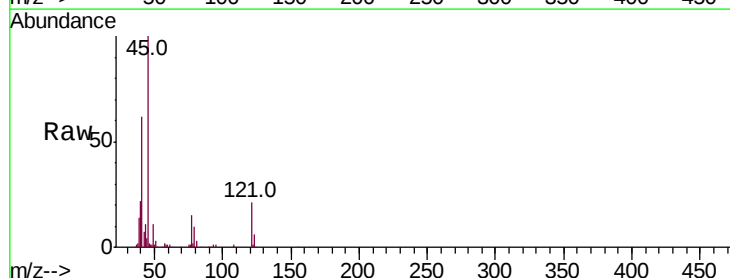
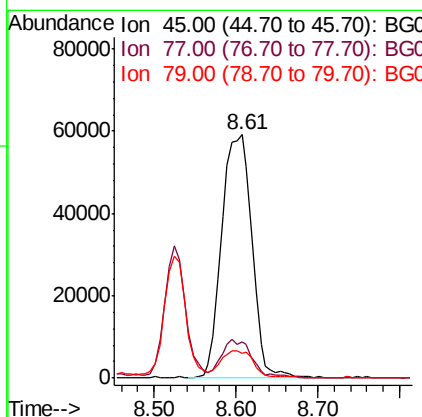
Manual Integrations
APPROVED

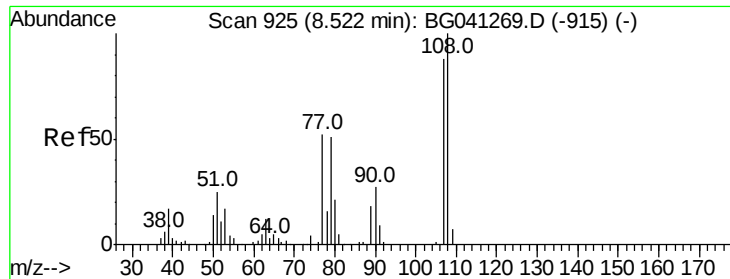
mohammad
6/21/2019 9:57:51 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.611 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	9.9	0.0	31.6





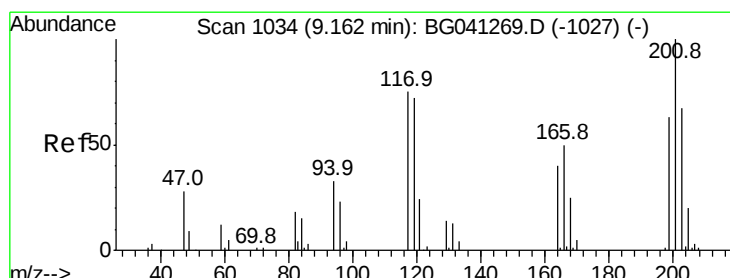
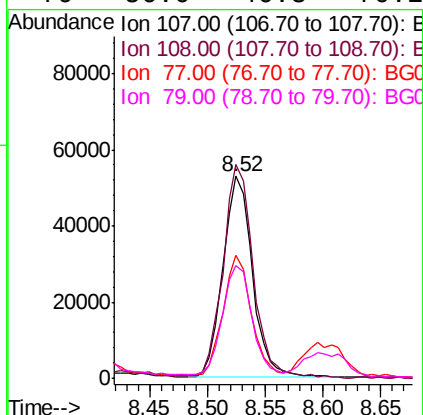
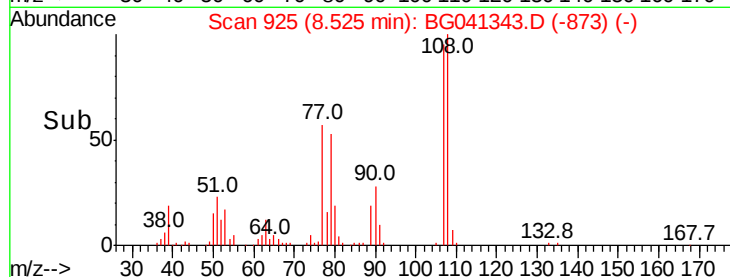
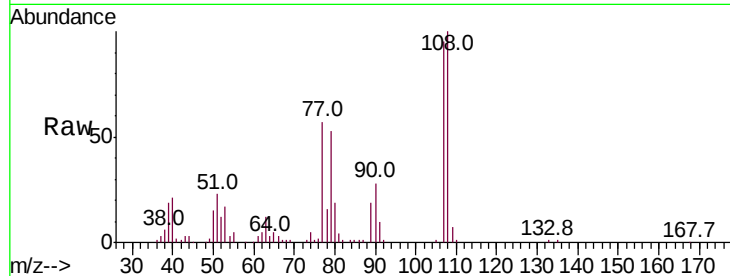
#17
2-Methylphenol
Concen: 39.101 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.8	91.7	137.5	
77	60.7	47.8	71.8	
79	56.0	46.8	70.2	

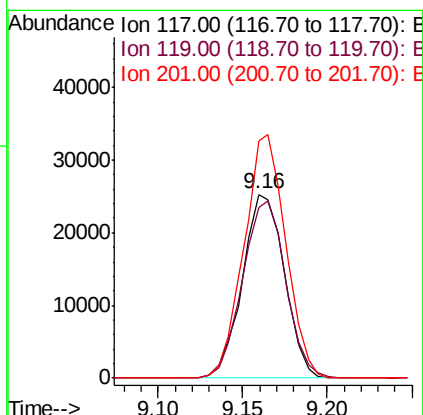
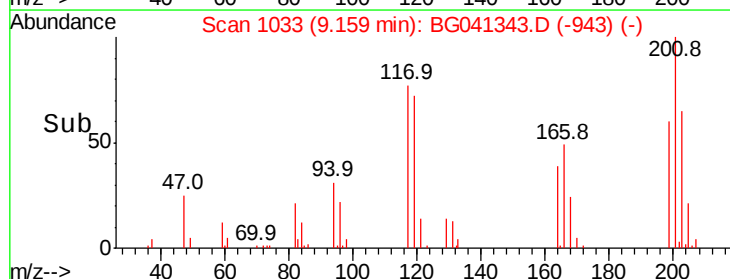
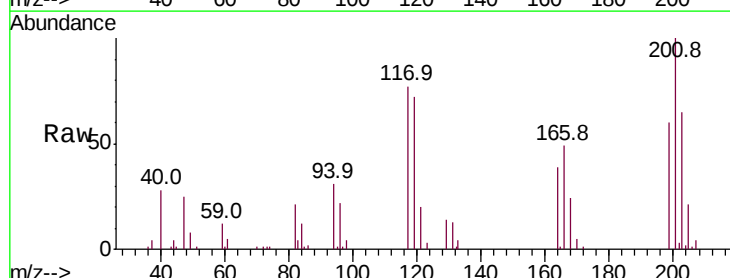
Manual Integrations
APPROVED

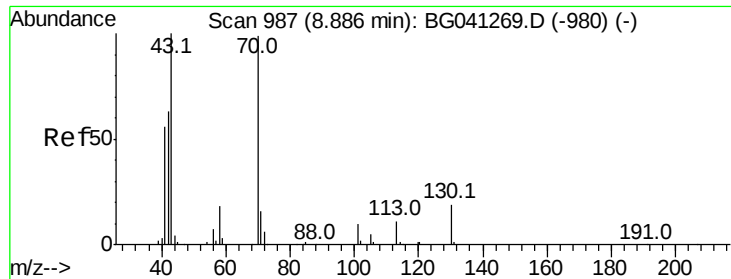
mohammad
6/21/2019 9:57:51 PM



#18
Hexachloroethane
Concen: 34.070 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.8	115.2	
201	129.3	106.3	159.5	





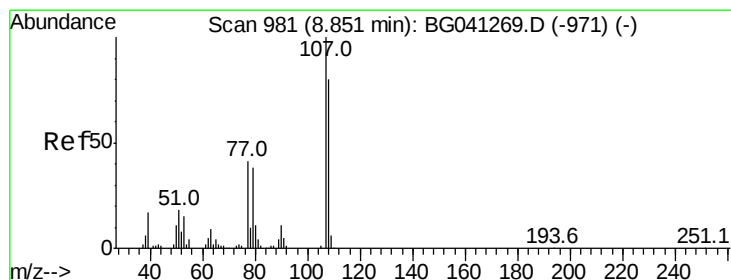
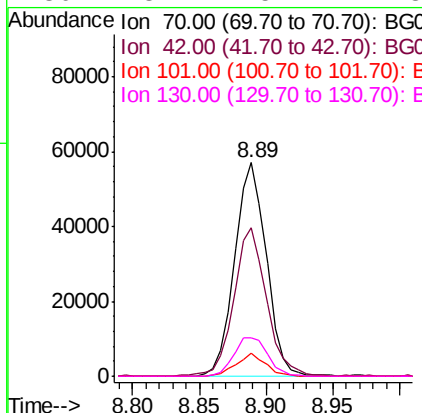
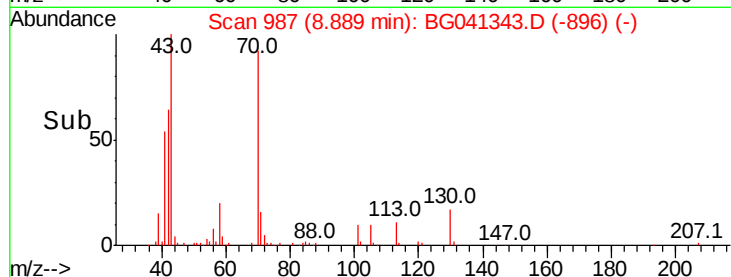
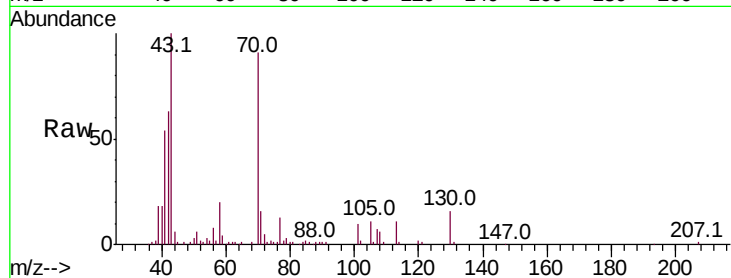
#19
n-Nitroso-di-n-propylamine
Concen: 37.019 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.6	51.4	77.2	
101	11.1	8.2	12.2	
130	18.1	15.2	22.8	

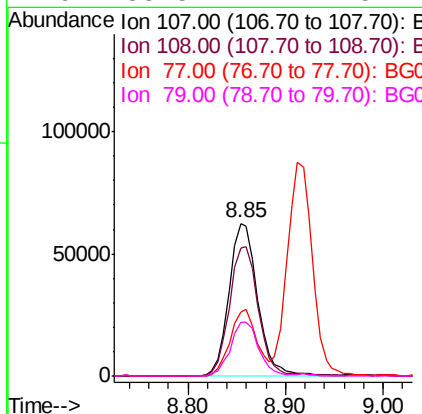
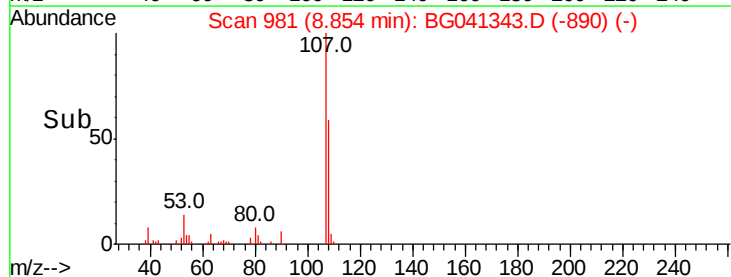
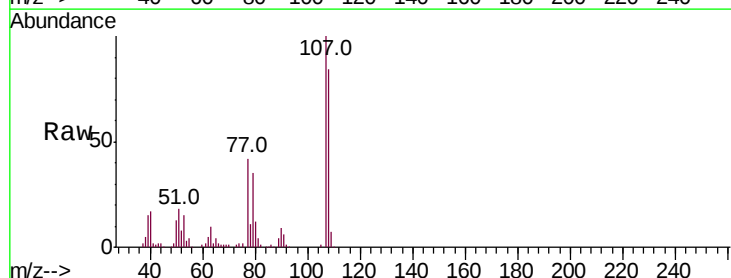
Manual Integrations
APPROVED

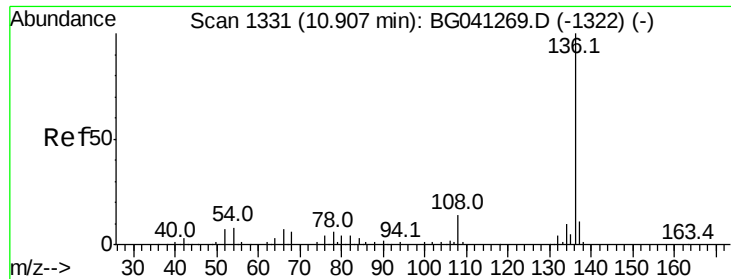
mohammad
6/21/2019 9:57:51 PM



#20
3+4-Methylphenols
Concen: 39.753 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.9	60.4	100.4	
77	41.8	21.2	61.2	
79	35.5	17.7	57.7	





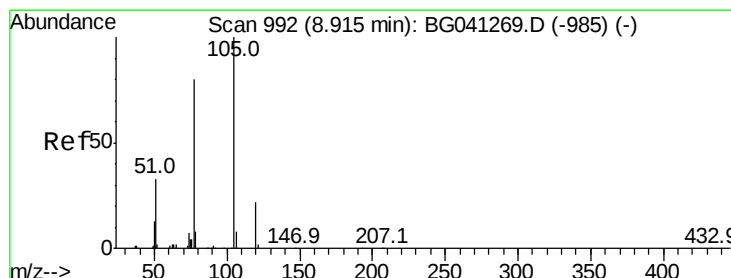
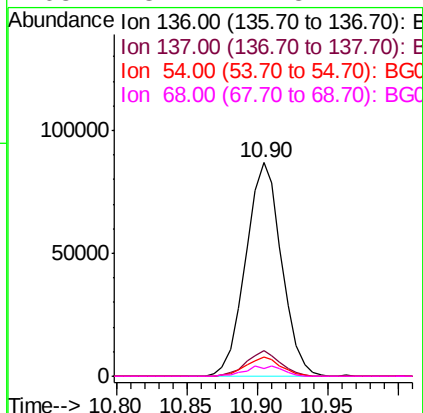
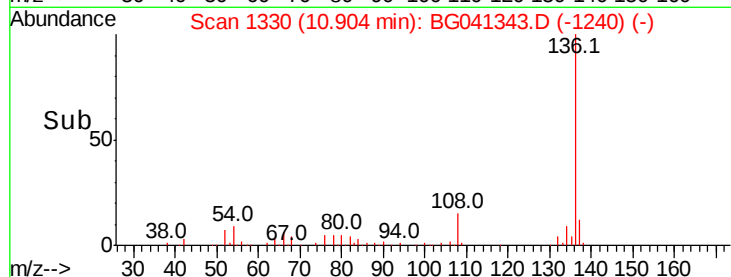
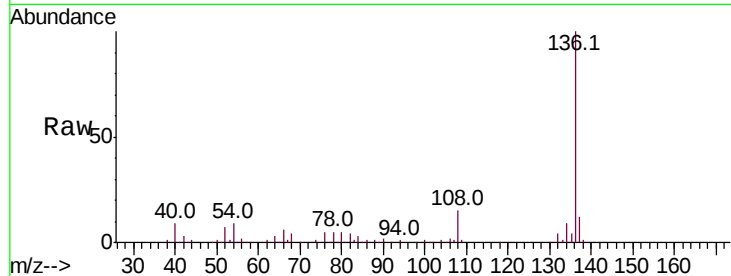
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.9	8.8	13.2
54	9.2	6.4	9.6
68	3.7	4.8	7.2#

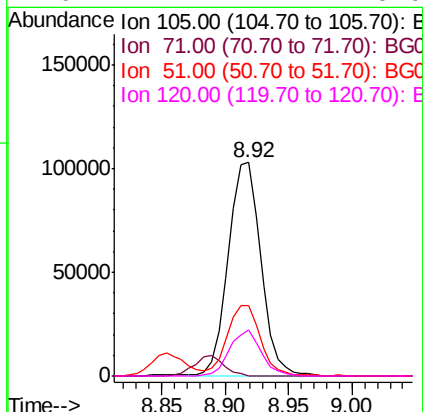
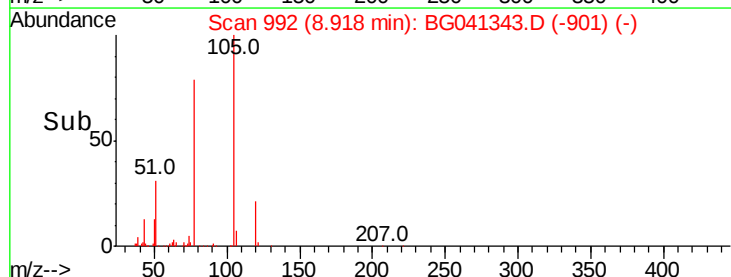
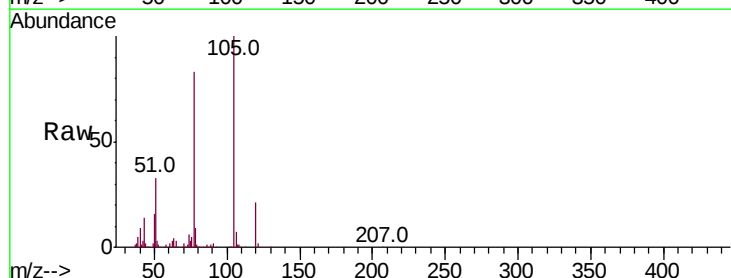
Manual Integrations
APPROVED

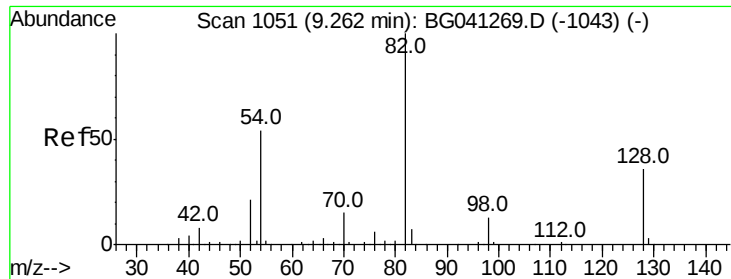
mohammad
6/21/2019 9:57:51 PM



#22
Acetophenone
Concen: 40.470 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.2	0.4	0.6#
51	33.0	28.2	42.4
120	21.4	17.4	26.0





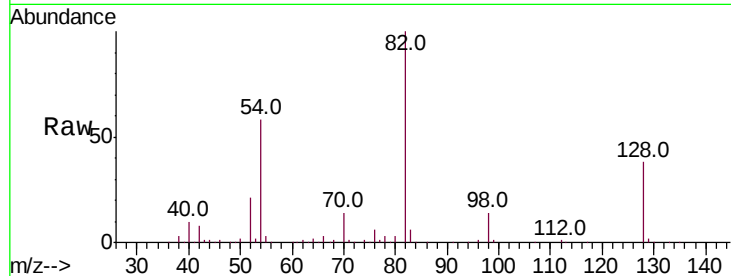
#23
Nitrobenzene-d5
Concen: 88.811 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

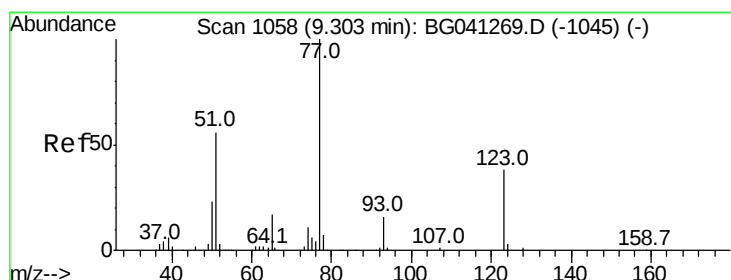
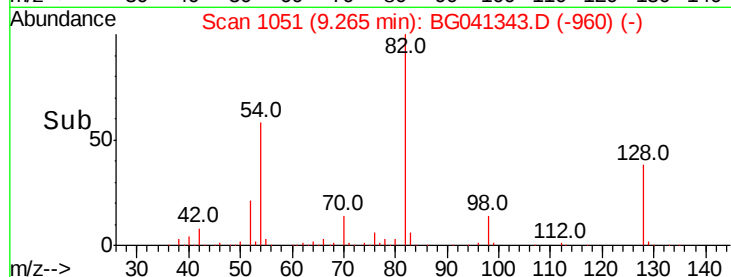
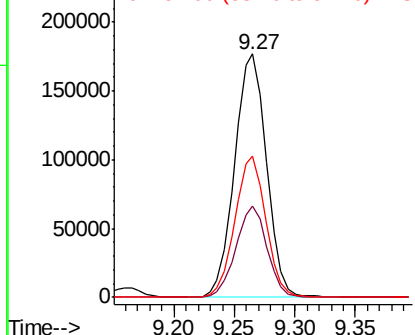
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.6	29.2	43.8	
54	58.2	43.4	65.0	

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



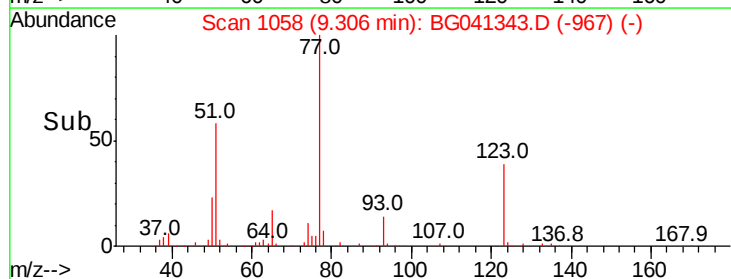
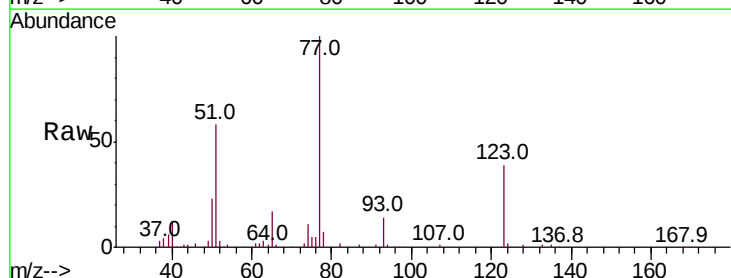
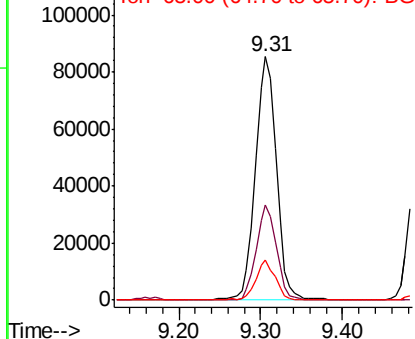
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

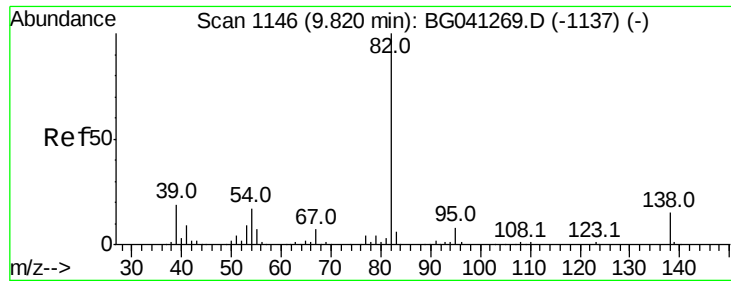


#24
Nitrobenzene
Concen: 41.499 ng
RT: 9.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.2	30.4	45.6	
65	16.7	13.3	19.9	

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





#25

Isophorone

Concen: 39.716 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

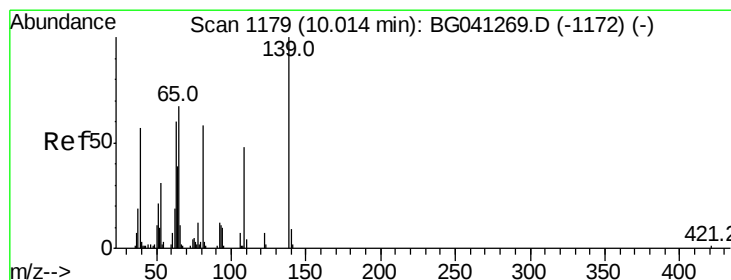
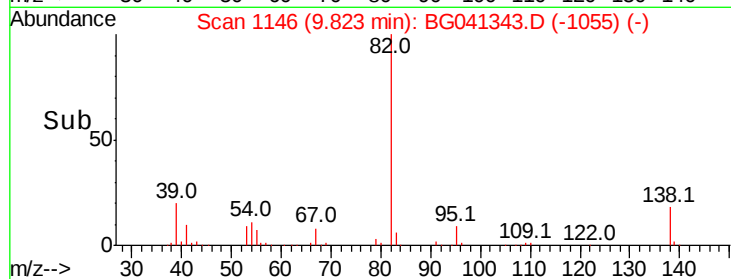
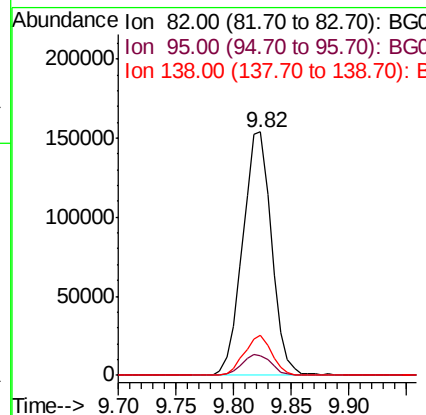
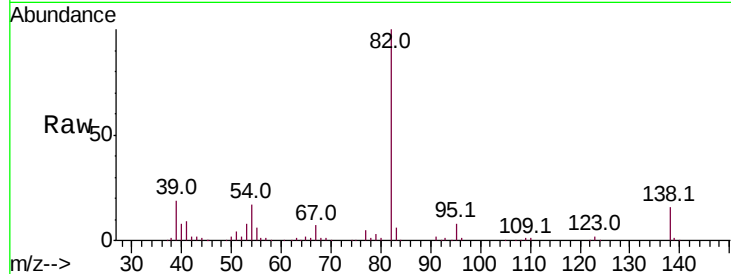
ClientSampleId :

SU-03-061719-AMSD

Tot Ion	82	Resp	267561
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	16.3	12.3	18.5

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#26

2-Nitrophenol

Concen: 42.908 ng

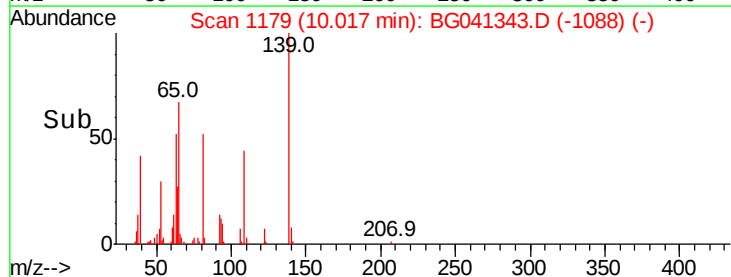
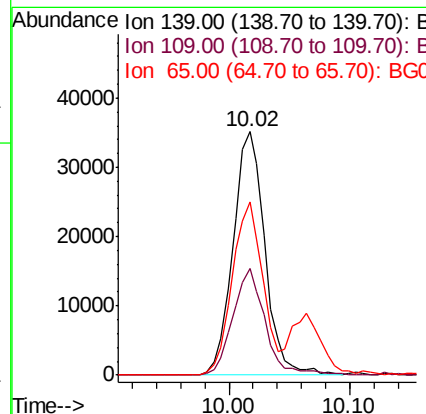
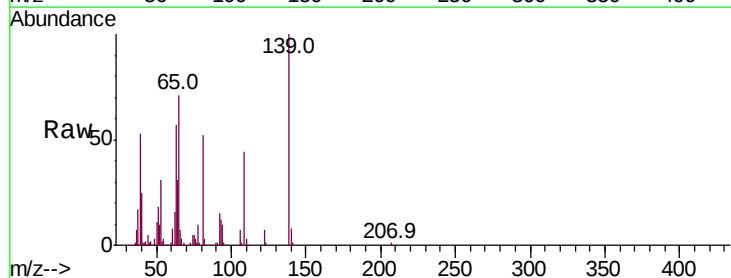
RT: 10.02 min Scan# 1179

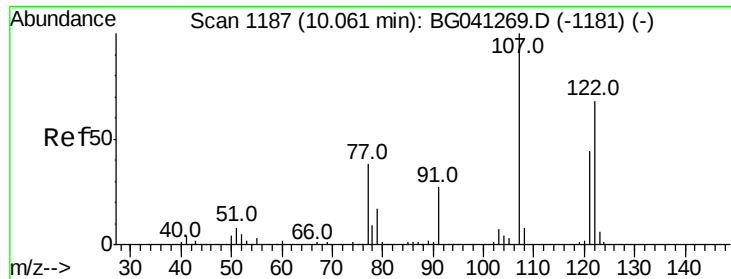
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion	139	Resp	64243
Ion Ratio	Lower	Upper	
139	100		
109	43.9	38.4	57.6
65	71.3	53.6	80.4





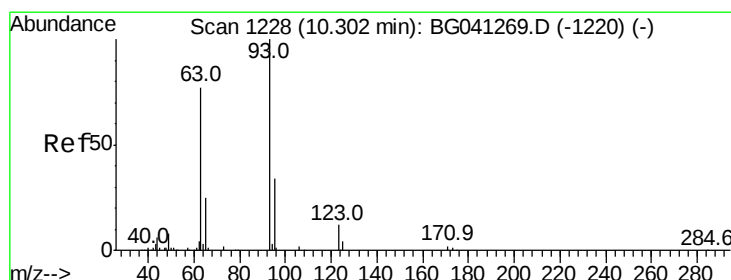
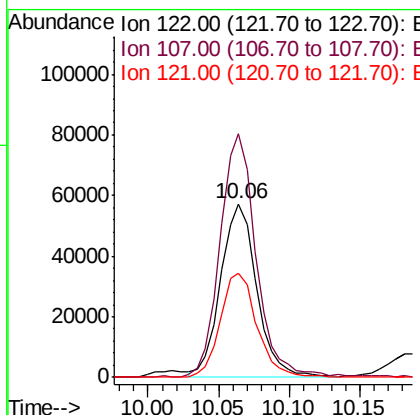
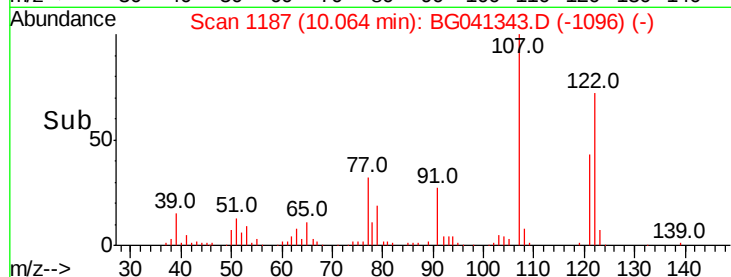
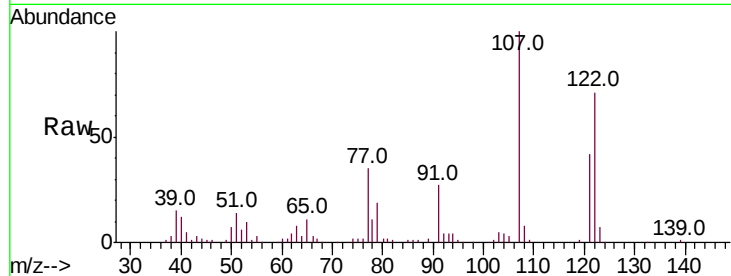
#27
2,4-Dimethylphenol
Concen: 44.906 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	140.3	115.1	172.7		
121	59.6	50.1	75.1		

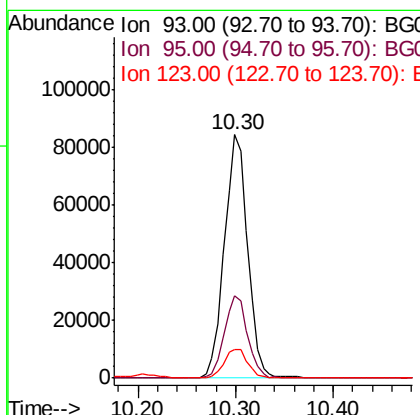
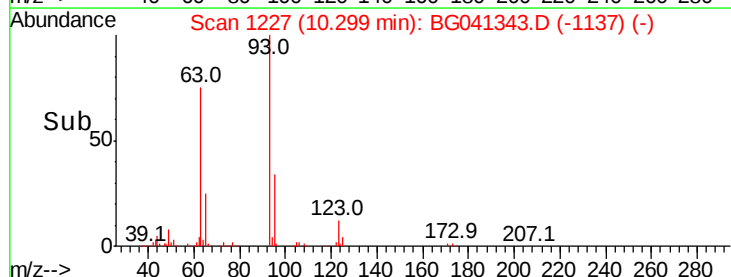
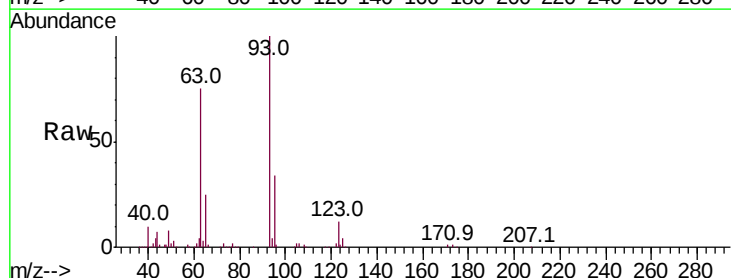
Manual Integrations
APPROVED

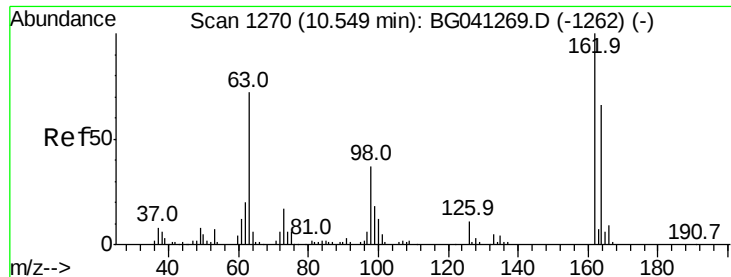
mohammad
6/21/2019 9:57:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.590 ng
RT: 10.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.7	27.3	40.9		
123	11.8	9.6	14.4		





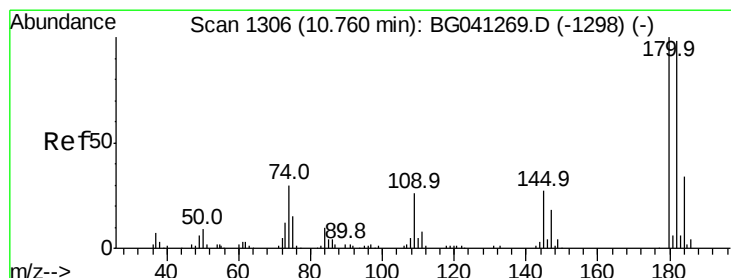
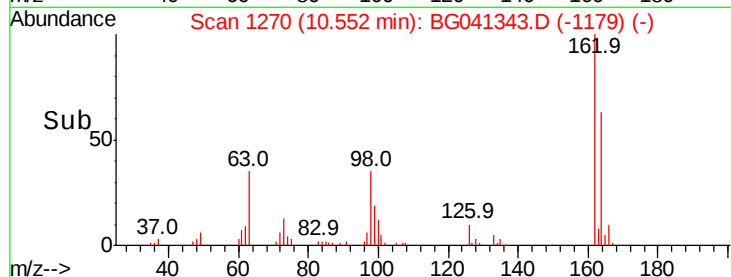
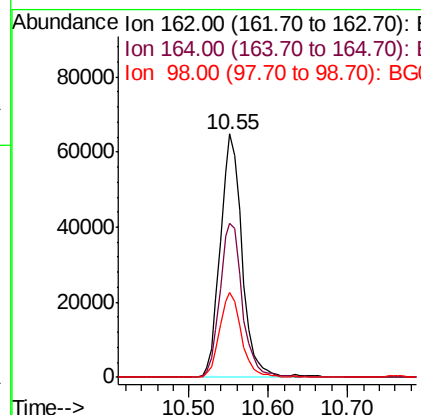
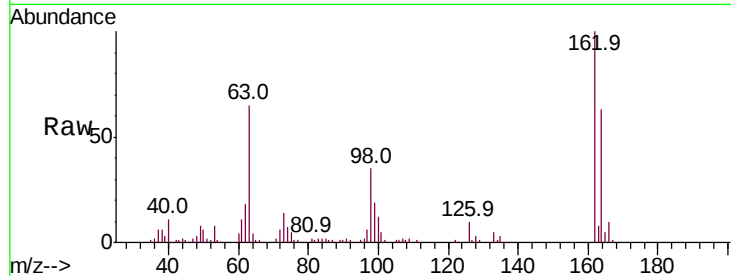
#29
 2,4-Dichlorophenol
 Concen: 44.372 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	46.0	86.0
98	34.8	17.4	57.4

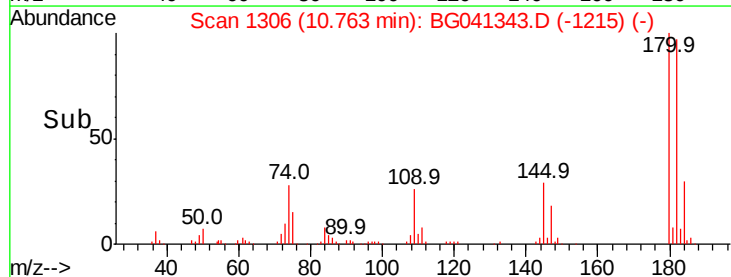
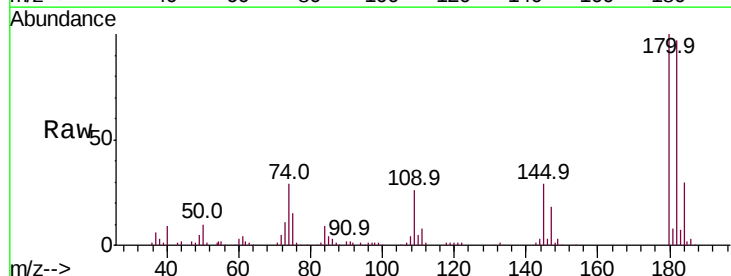
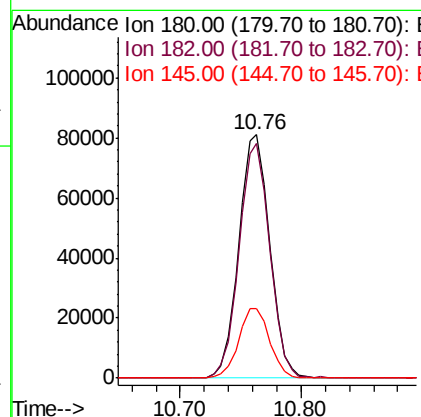
Manual Integrations
 APPROVED

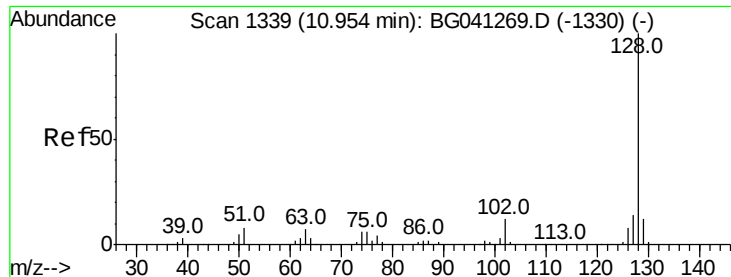
mohammad
 6/21/2019 9:57:51 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.755 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	78.6	117.8
145	28.6	21.7	32.5





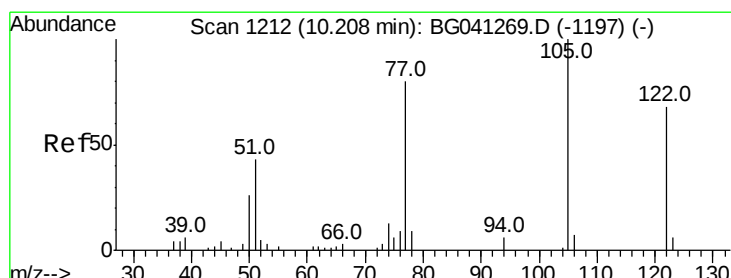
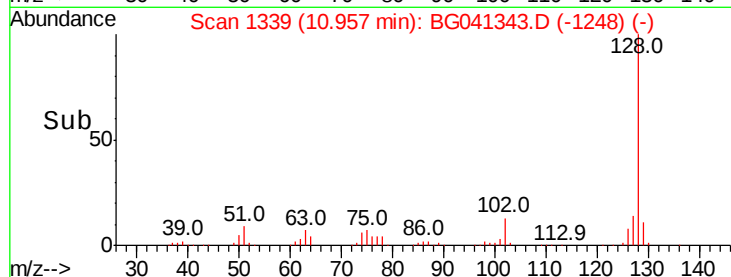
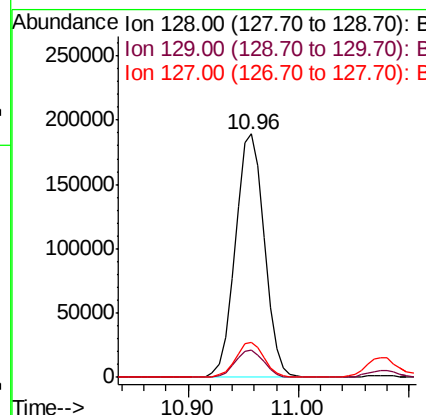
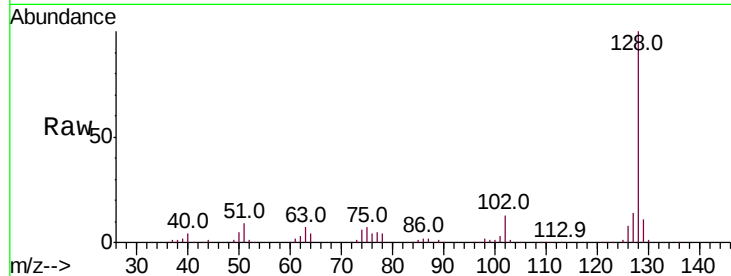
#31
Naphthalene
Concen: 41.568 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	14.3	11.2	16.8

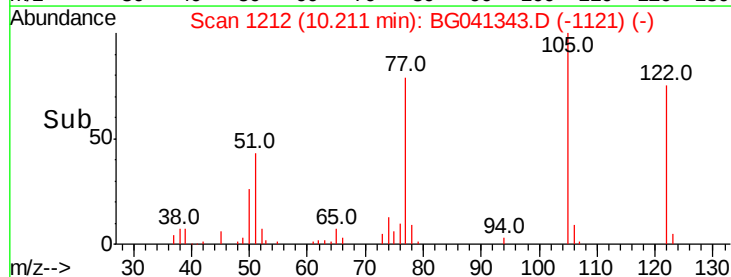
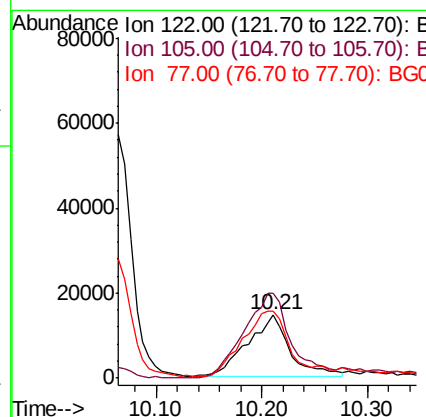
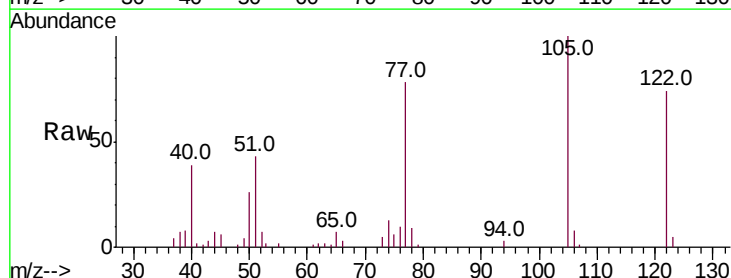
Manual Integrations
APPROVED

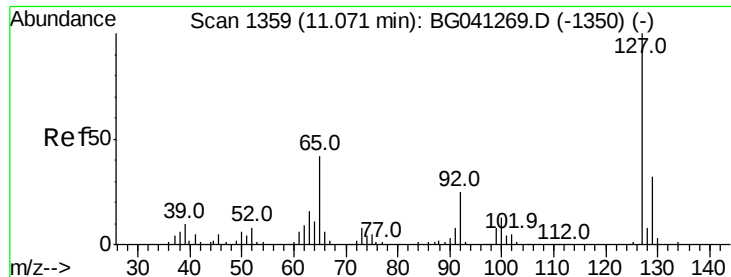
mohammad
6/21/2019 9:57:51 PM



#32
Benzoic acid
Concen: 28.311 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	124.2	164.2
77	106.0	97.2	137.2





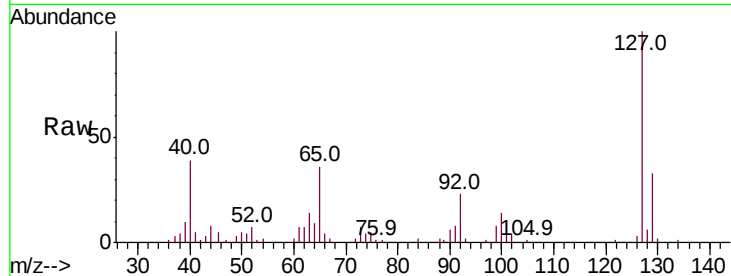
#33
4-Chloroaniline
Concen: 9.571 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	35.6	33.8	50.8
92	22.6	20.2	30.4

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



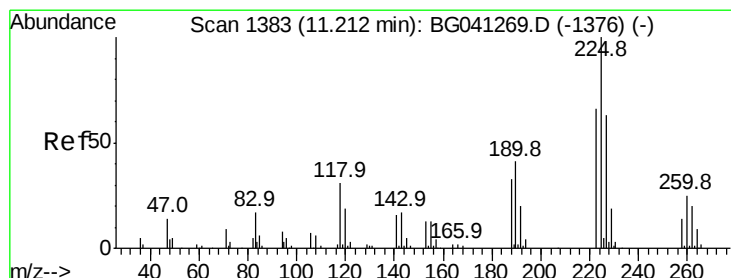
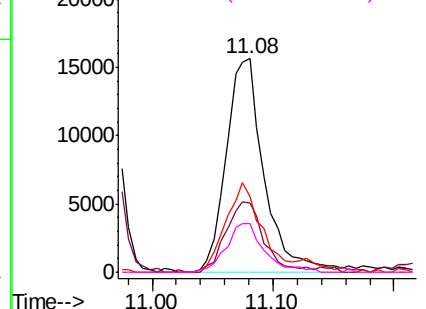
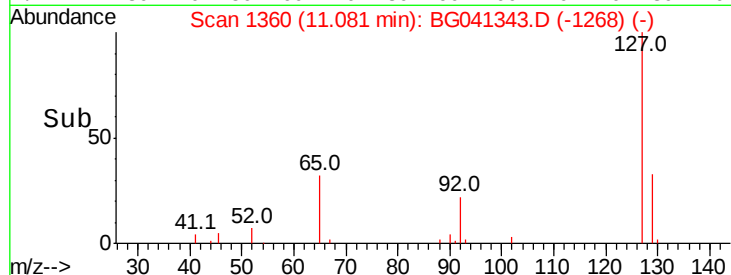
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

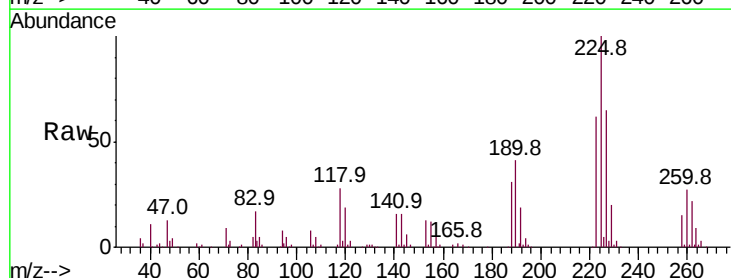
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.934 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.5	78.7
227	64.6	50.2	75.2

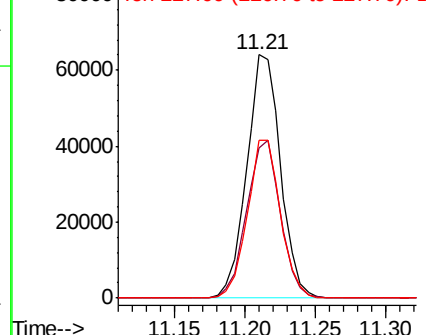
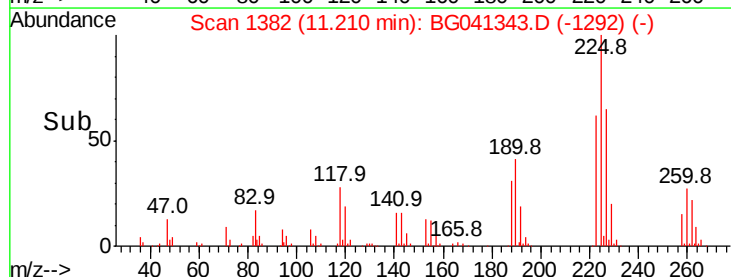


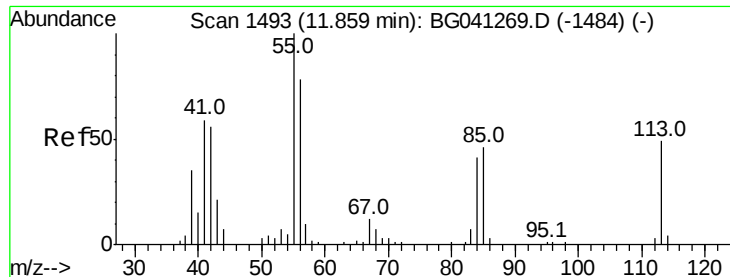
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.398 ng/ml

RT: 11.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-AMSD

Tot Ion:113 Resp: 24331

Ion Ratio Lower Upper

113 100

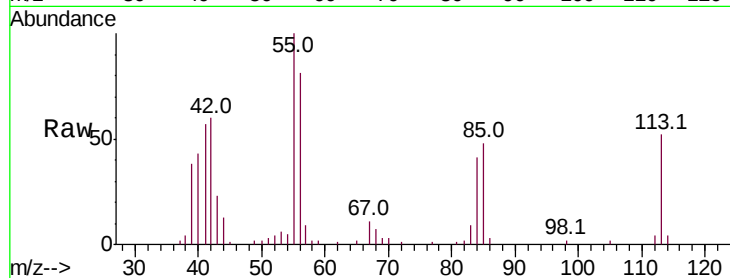
55 191.0 182.6 222.6

56 154.1 137.5 177.5

Manual Integrations
APPROVED

mohammad

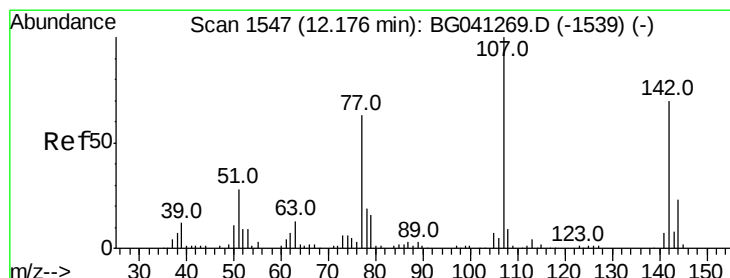
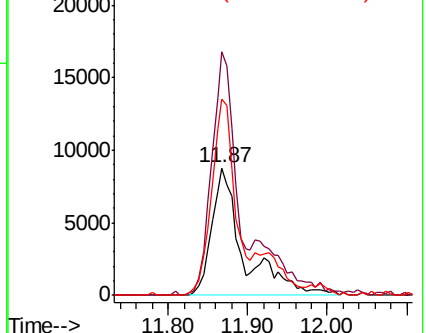
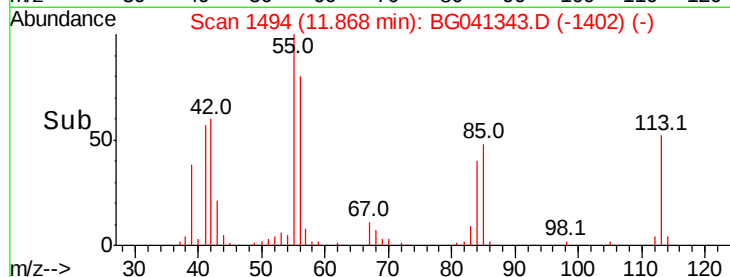
6/21/2019 9:57:51 PM



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: 42.477 ng/ml

RT: 12.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

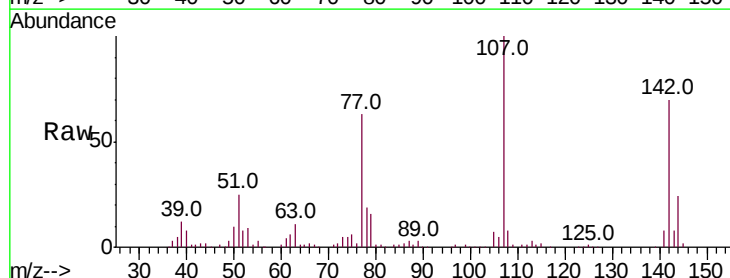
Tgt Ion:107 Resp: 136534

Ion Ratio Lower Upper

107 100

144 24.1 18.5 27.7

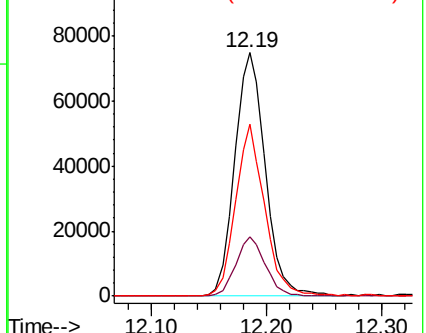
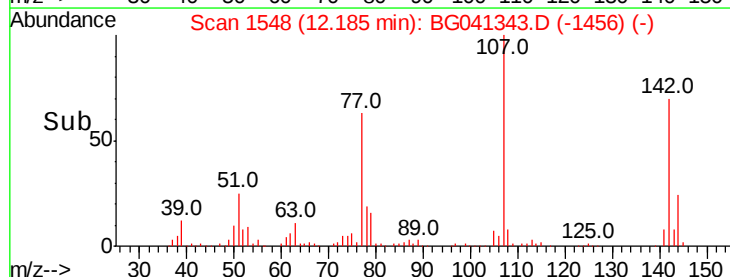
142 70.4 56.3 84.5

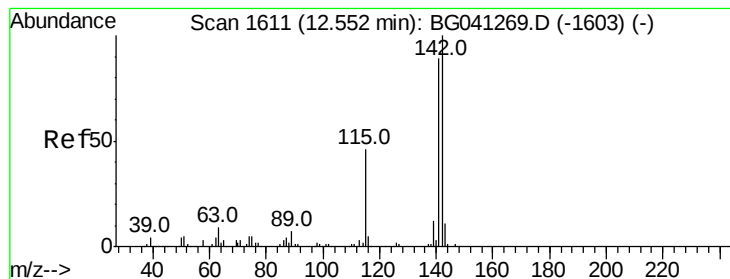


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.112 ng

RT: 12.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-AMSD

Tot Ion:142 Resp: 260323

Ion Ratio Lower Upper

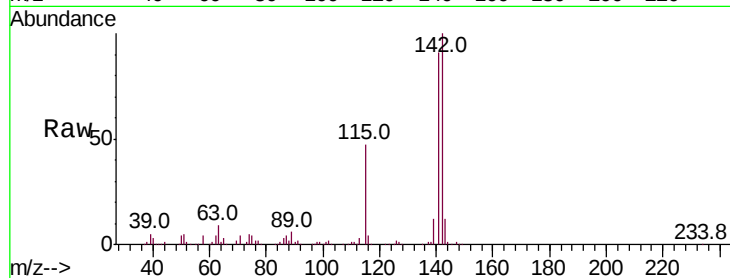
142 100

141 90.7 71.5 107.3

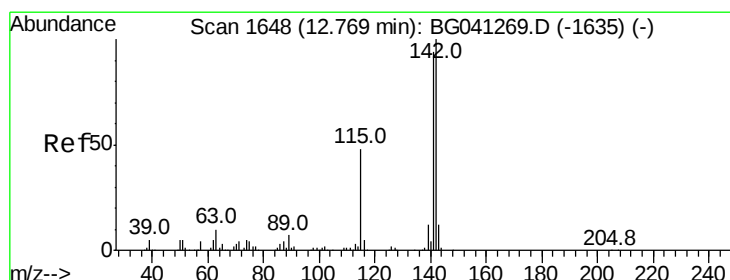
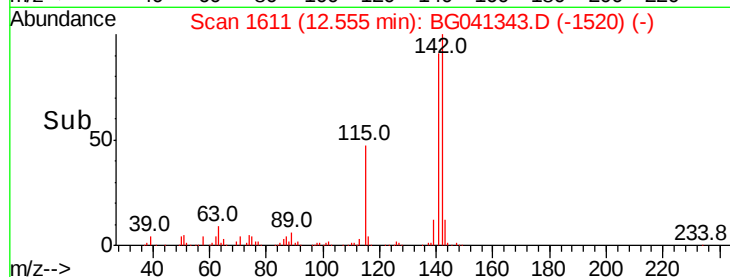
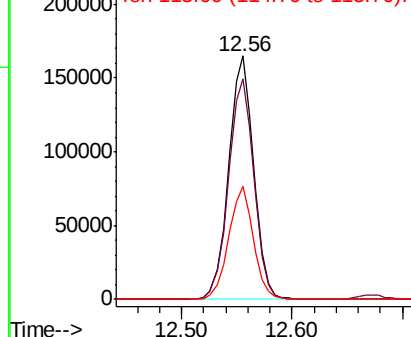
115 46.5 37.0 55.6

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.538 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

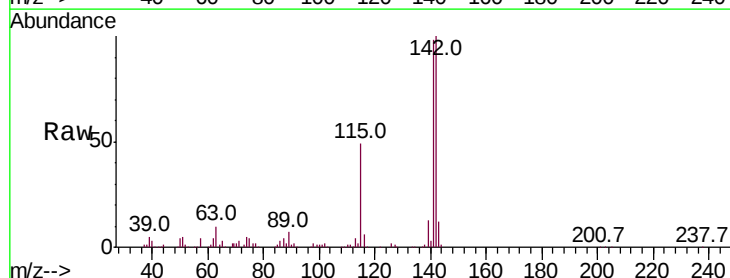
Tgt Ion:142 Resp: 245674

Ion Ratio Lower Upper

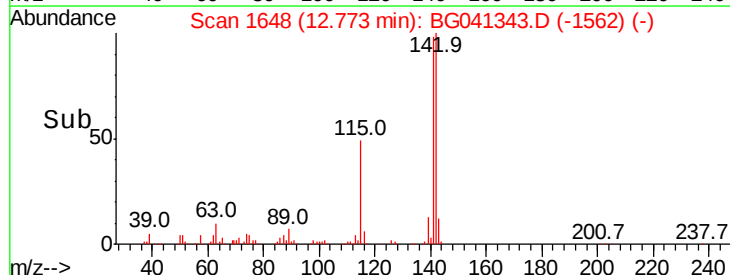
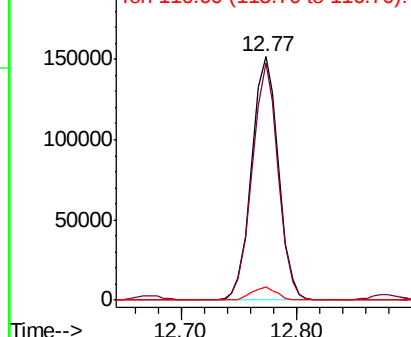
142 100

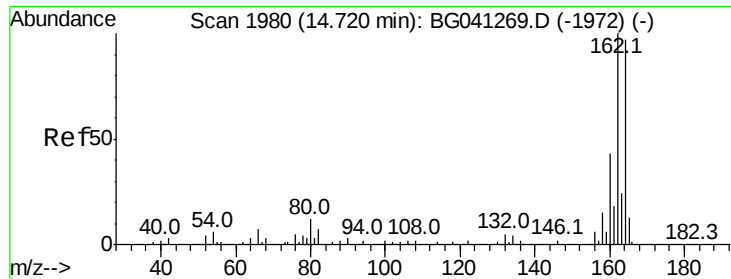
141 97.6 75.0 112.6

116 5.5 4.2 6.2



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





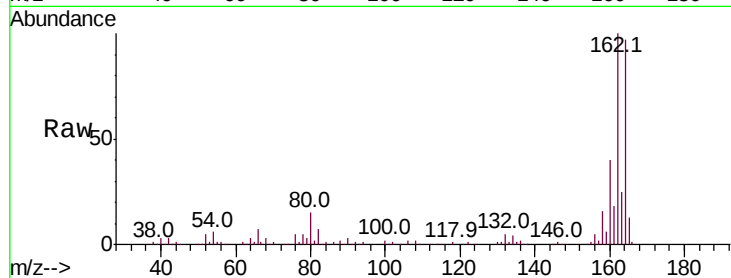
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	82.8	124.2	
160	41.6	35.8	53.8	

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM

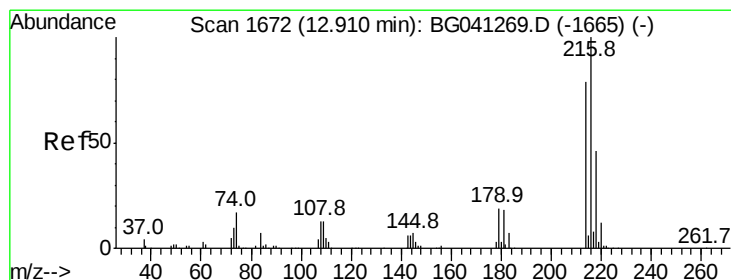
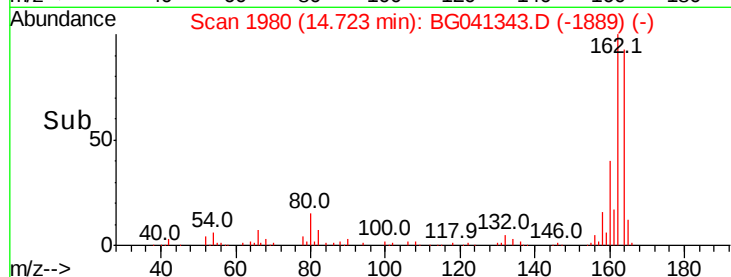
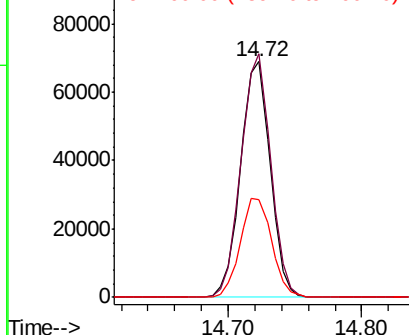


Abundance

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: 44.971 ng
RT: 12.91 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	62.8	94.2	
179	19.1	15.2	22.8	
108	14.4	12.4	18.6	

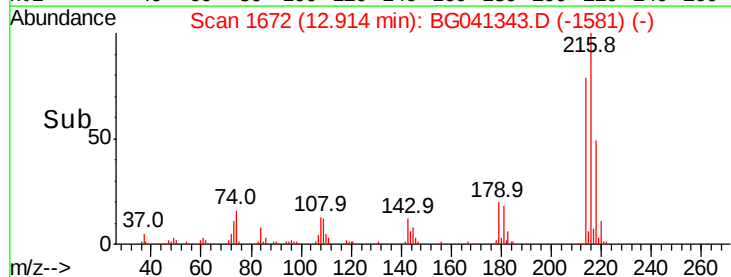
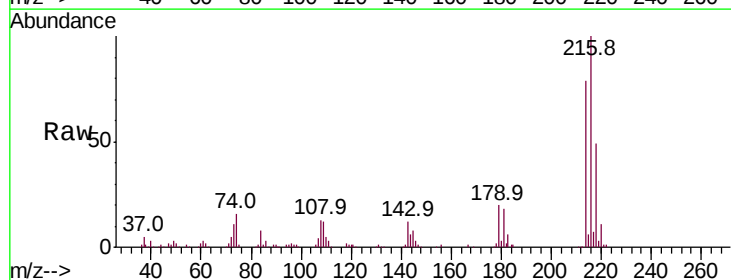
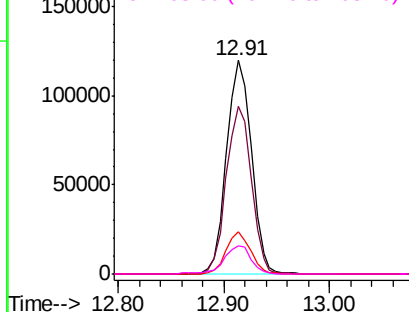
Abundance

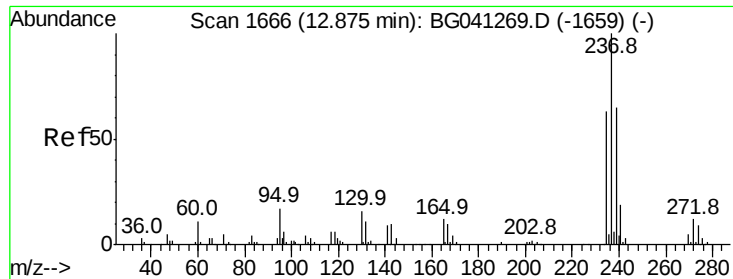
Ion 216.00 (215.70 to 216.70): E

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





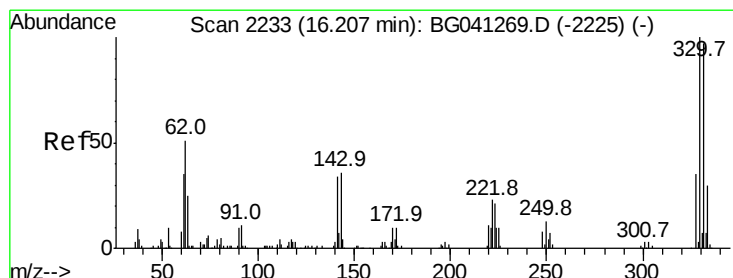
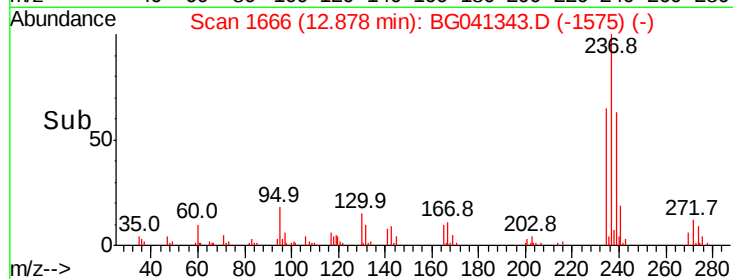
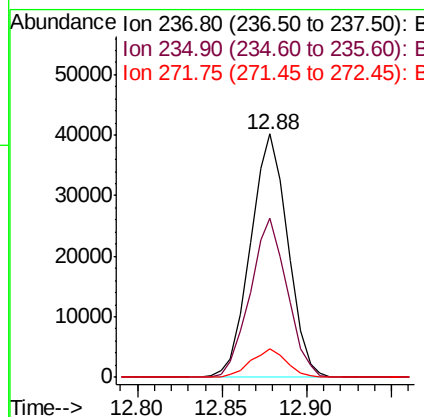
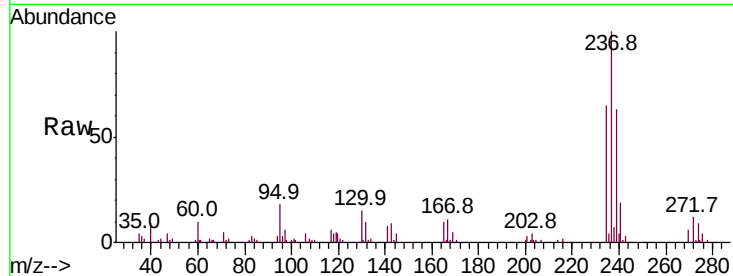
#41
Hexachlorocyclopentadiene
Concen: 20.956 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion:	237	Resp:	61473
Ion Ratio	Lower	Upper	
237	100		
235	65.4	42.9	82.9
272	11.8	0.0	32.0

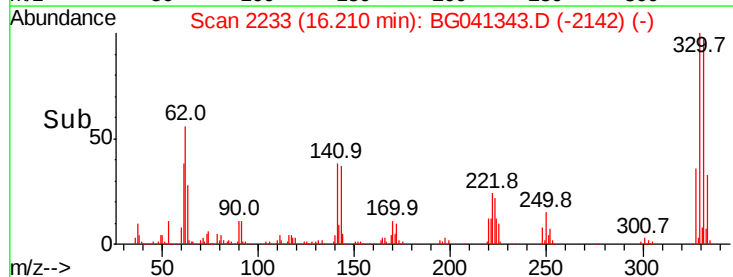
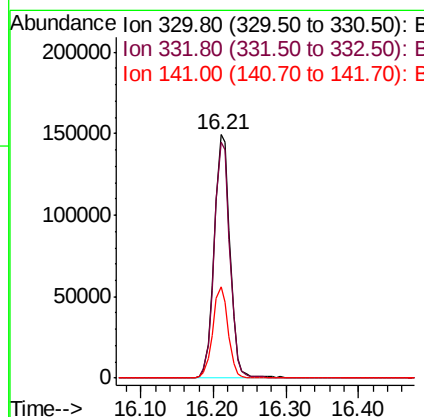
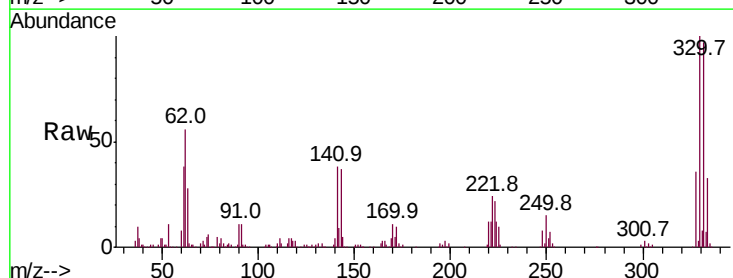
Manual Integrations
APPROVED

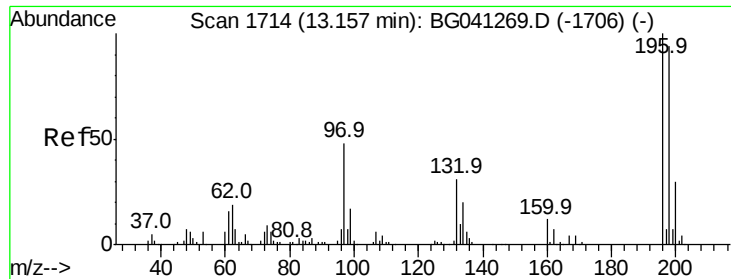
mohammad
6/21/2019 9:57:51 PM



#42
2,4,6-Tribromophenol
Concen: 140.837 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion:	330	Resp:	228030
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.5	113.3
141	36.3	29.0	43.4





#43

2,4,6-Trichlorophenol

Concen: 44.121 ng

RT: 13.16 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

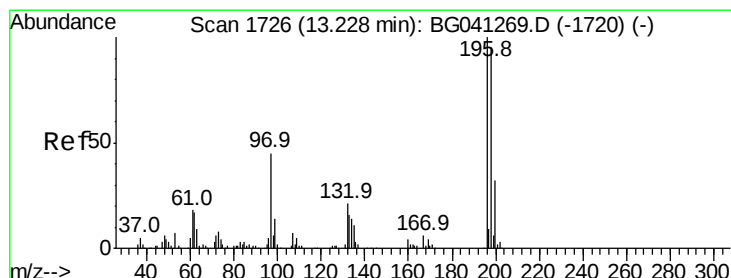
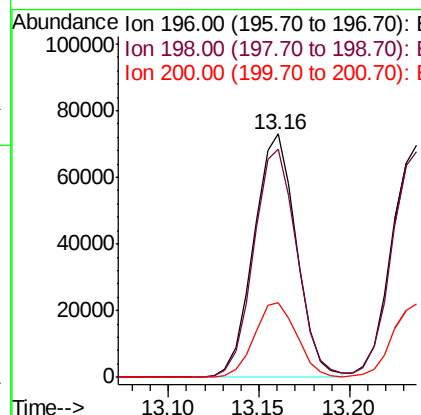
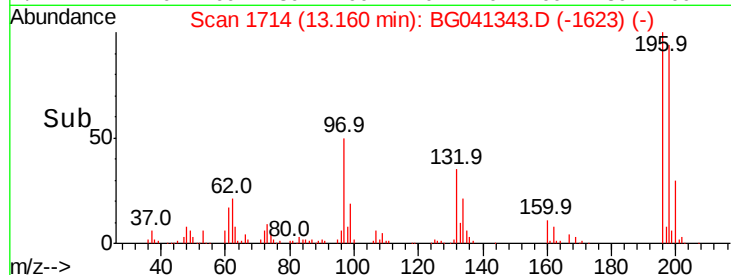
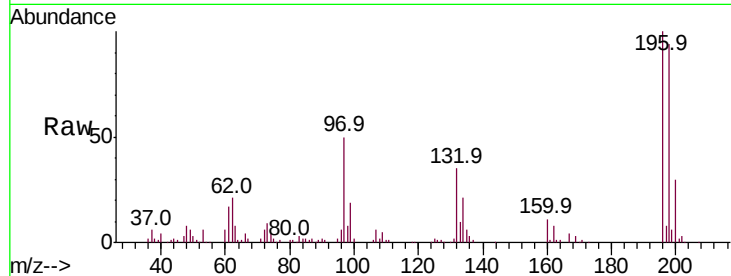
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	196	Resp:	118863
Ion Ratio	Lower	Upper	
196	100		
198	93.7	74.9	112.3
200	30.4	24.2	36.2

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#44

2,4,5-Trichlorophenol

Concen: 44.402 ng

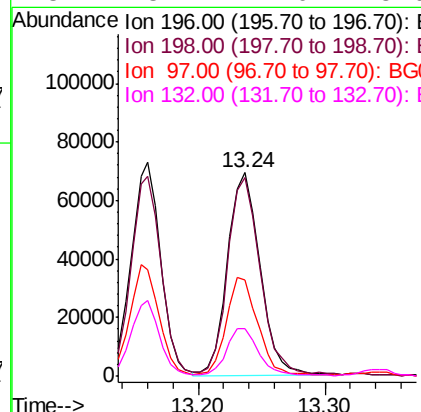
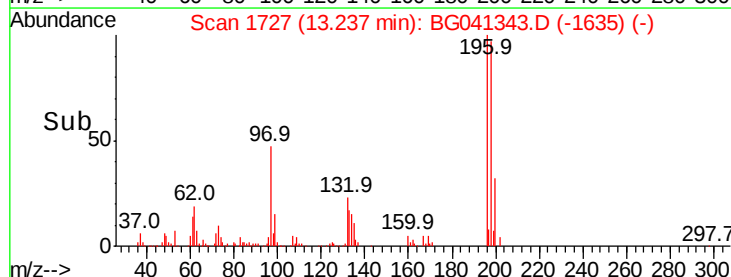
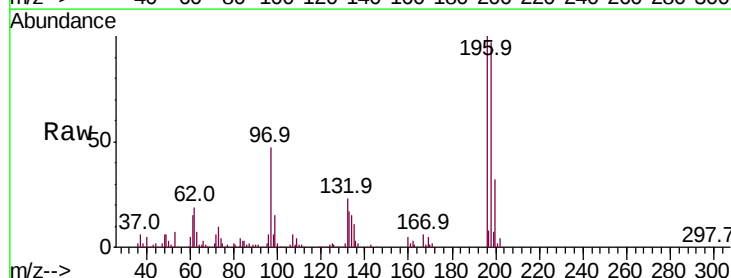
RT: 13.24 min Scan# 1727

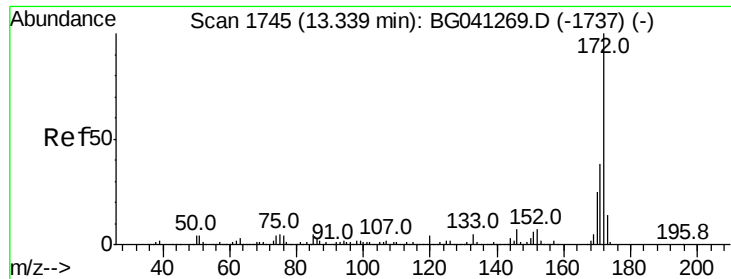
Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	196	Resp:	123080
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.1	114.1
97	47.1	35.9	53.9
132	23.4	17.0	25.6





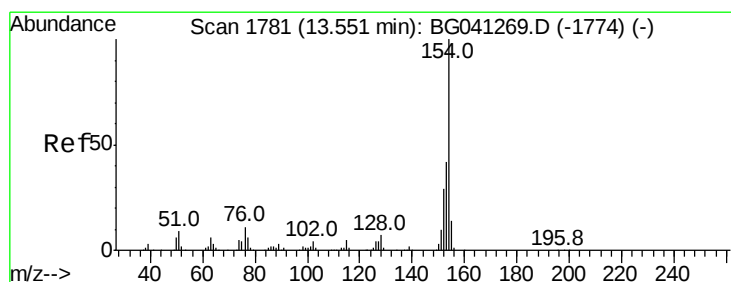
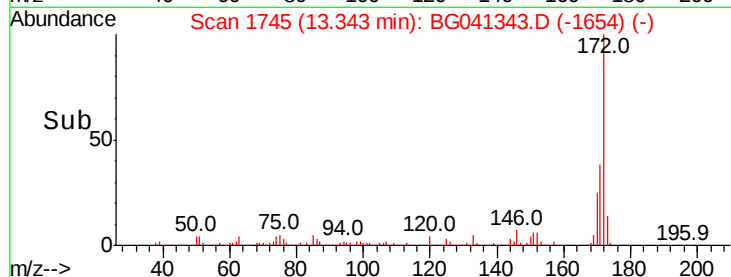
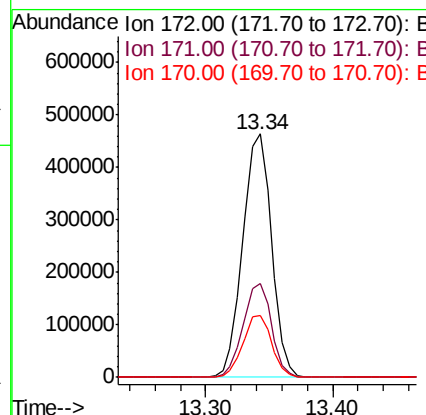
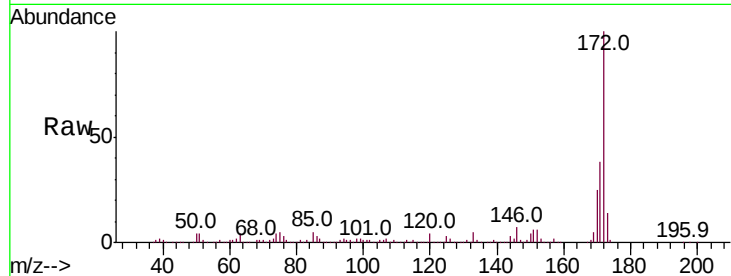
#45
2-Fluorobiphenyl
Concen: 94.069 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	729933		
171	38.5		30.0	45.0
170	25.4		19.8	29.6

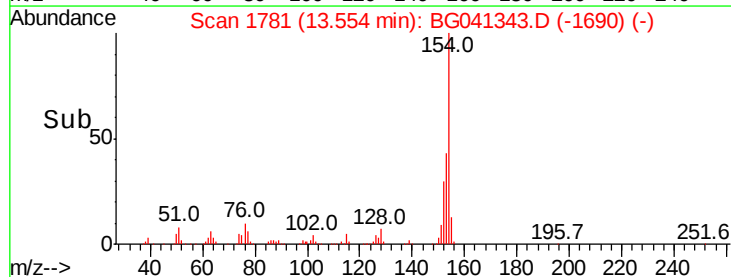
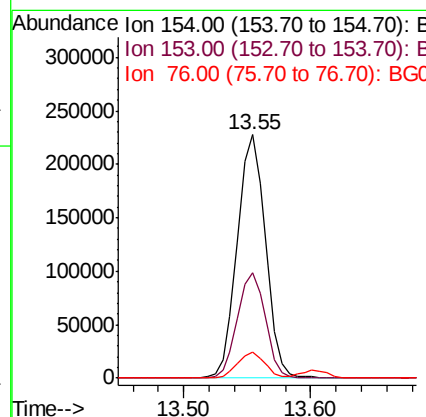
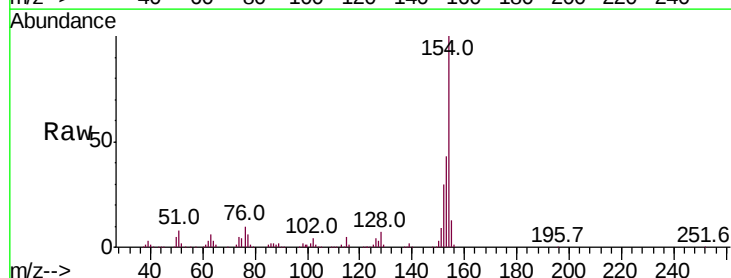
Manual Integrations
APPROVED

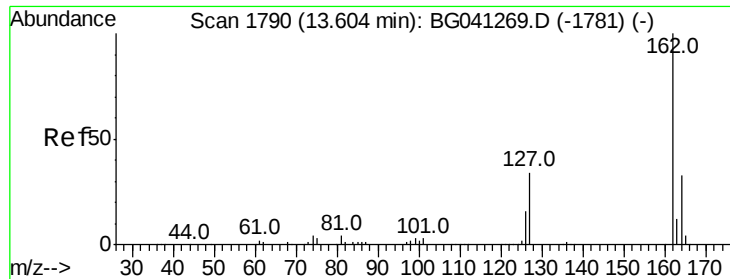
mohammad
6/21/2019 9:57:51 PM



#46
1,1'-Biphenyl
Concen: 43.827 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	349432		
153	43.0		22.3	62.3
76	10.4		0.0	30.8





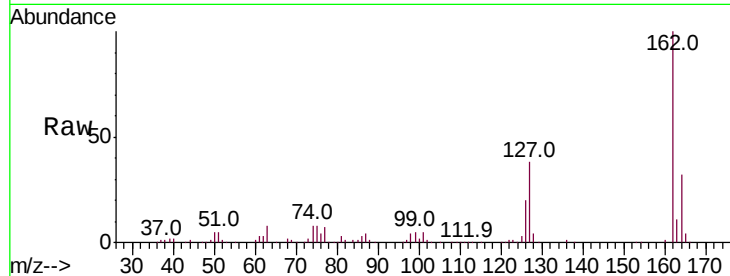
#47
 2-Chloronaphthalene
 Concen: 42.523 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

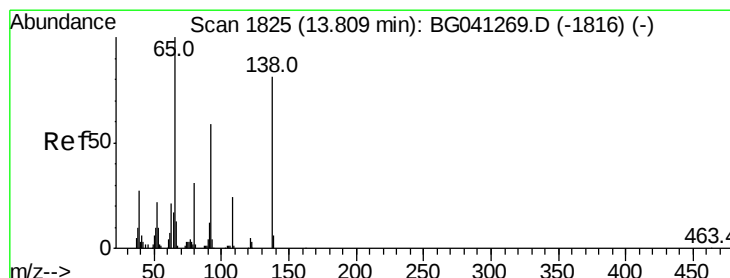
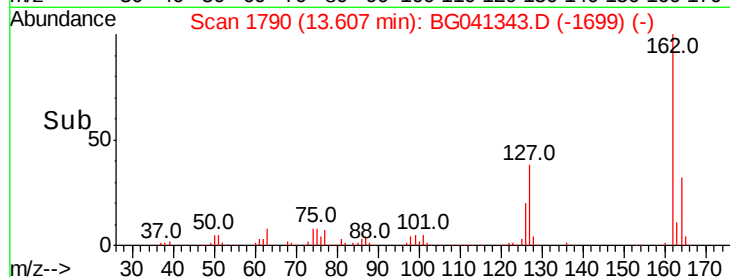
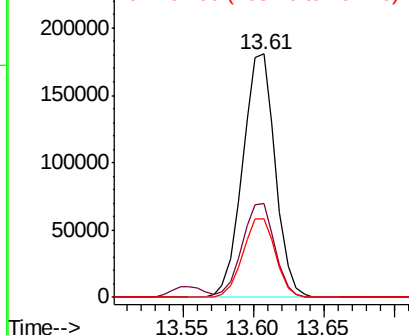
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		291891		
127	38.3		31.0	46.4	
164	32.3		26.1	39.1	

Manual Integrations
 APPROVED

mohammad
 6/21/2019 9:57:51 PM

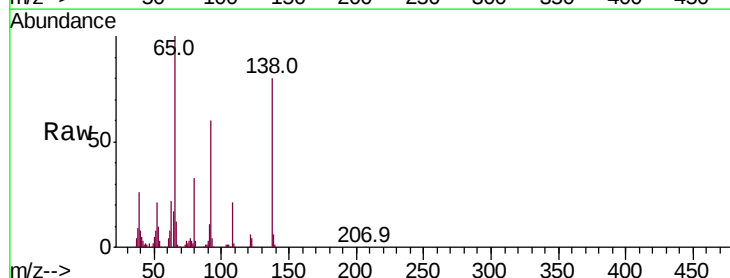


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

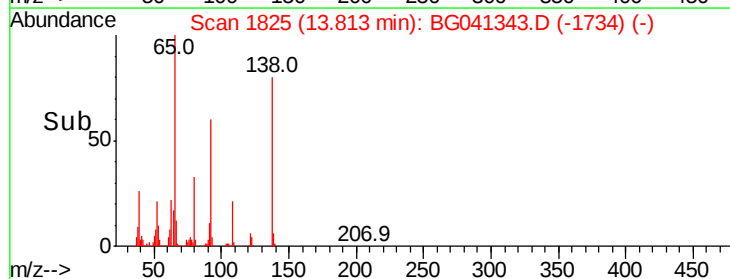
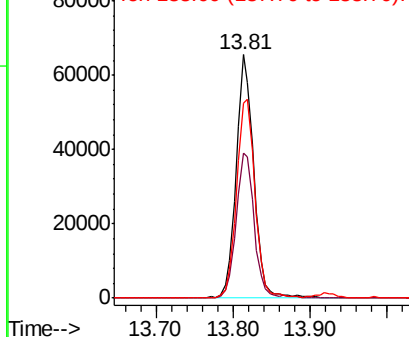


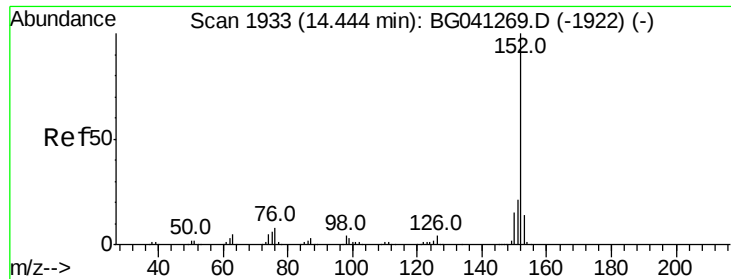
#48
 2-Nitroaniline
 Concen: 41.900 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		105336		
92	59.8		47.4	71.2	
138	80.0		64.7	97.1	



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: 43.469 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

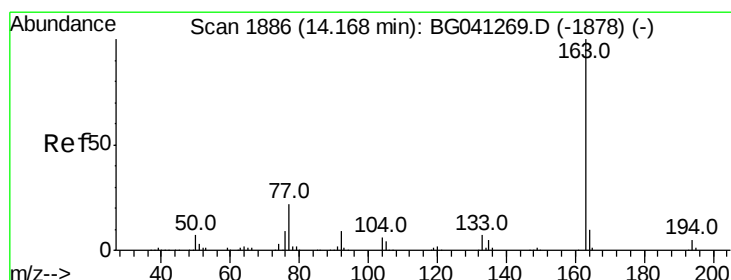
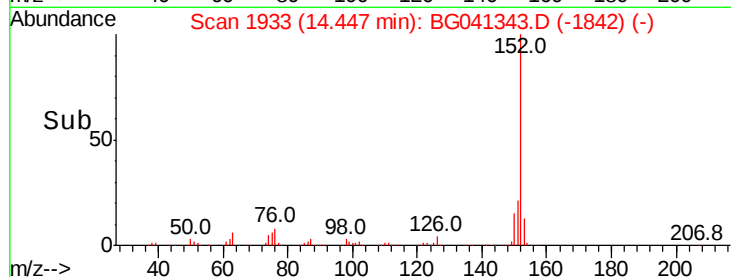
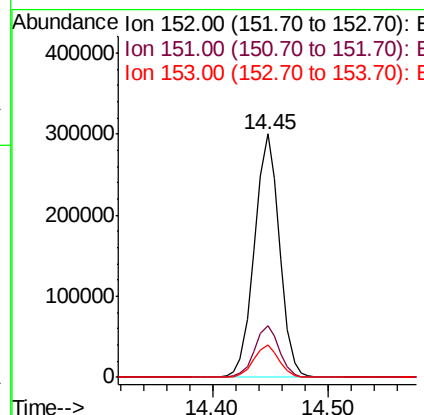
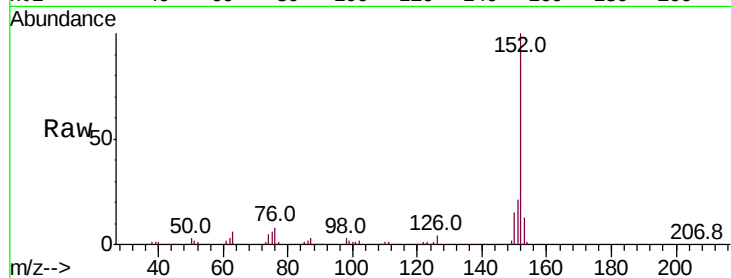
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	152	Resp:	452783
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	13.1	10.8	16.2

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#50

Dimethylphthalate

Concen: 39.595 ng

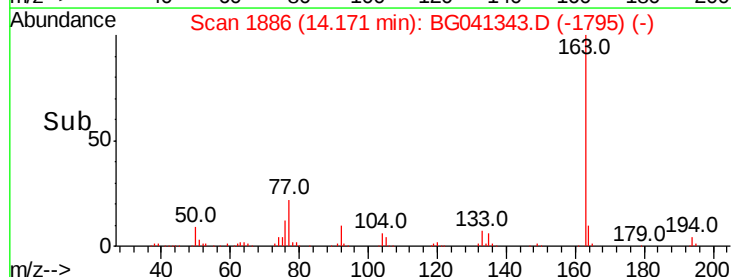
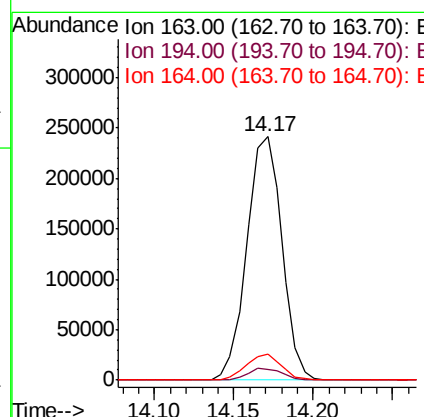
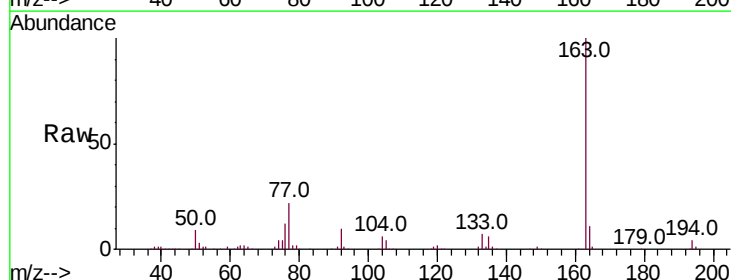
RT: 14.17 min Scan# 1886

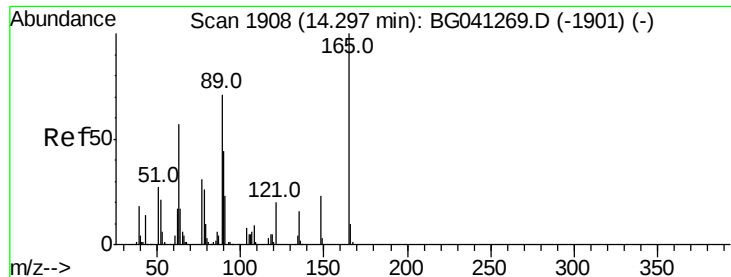
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	163	Resp:	371553
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.9	5.9
164	10.5	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 42.452 ng

RT: 14.30 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

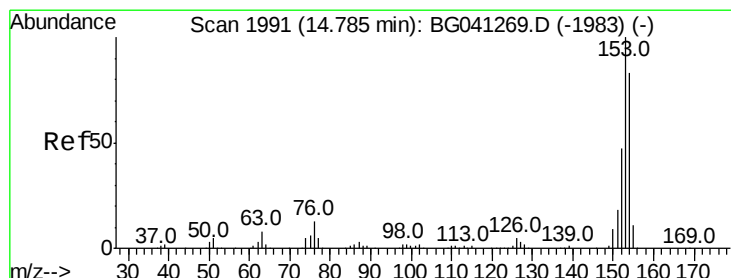
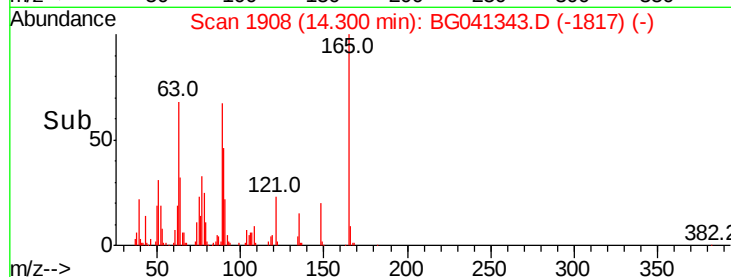
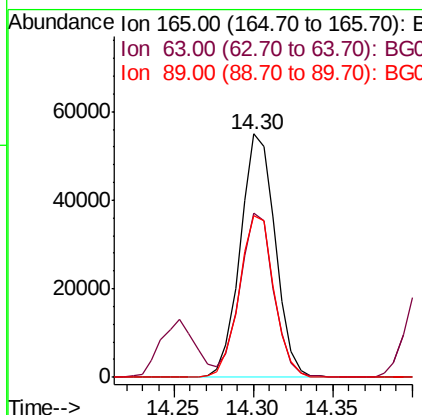
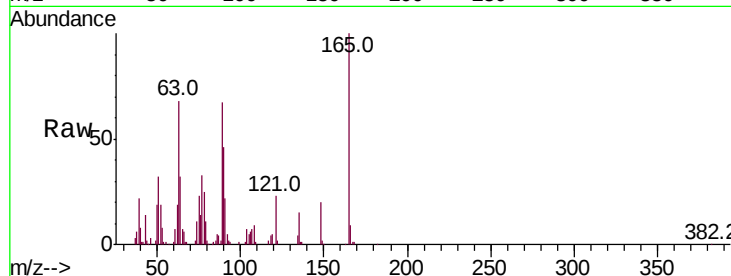
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	165	Resp:	83996
Ion Ratio	Lower	Upper	
165	100		
63	67.6	55.4	83.0
89	66.6	56.5	84.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#52

Acenaphthene

Concen: 43.244 ng

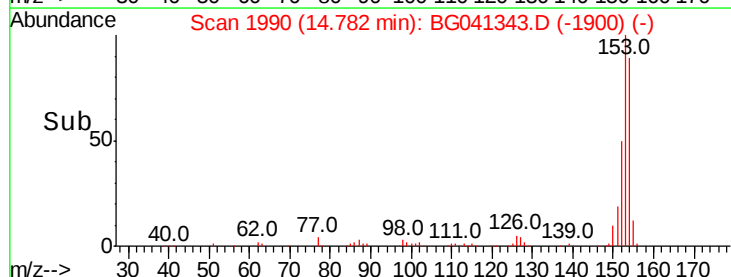
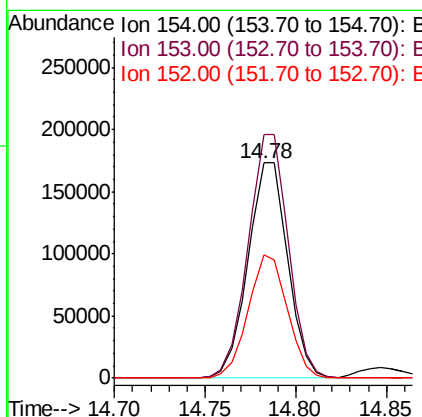
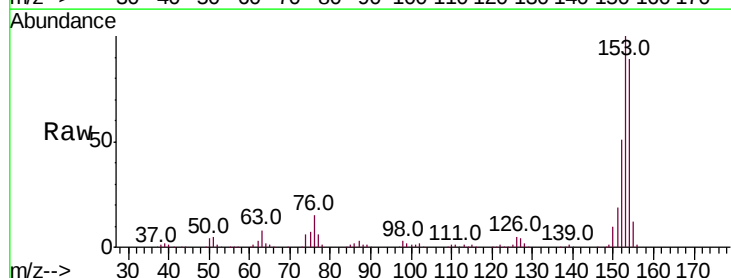
RT: 14.78 min Scan# 1990

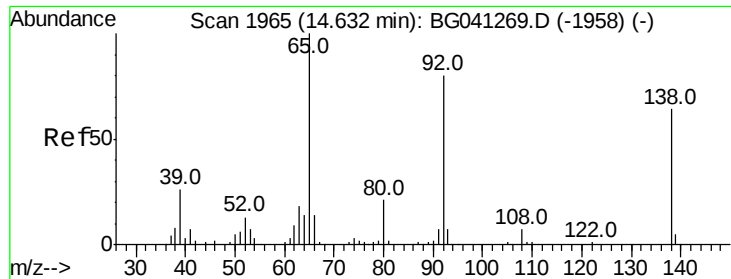
Delta R.T. -0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	154	Resp:	264508
Ion Ratio	Lower	Upper	
154	100		
153	112.9	96.6	145.0
152	57.1	45.5	68.3





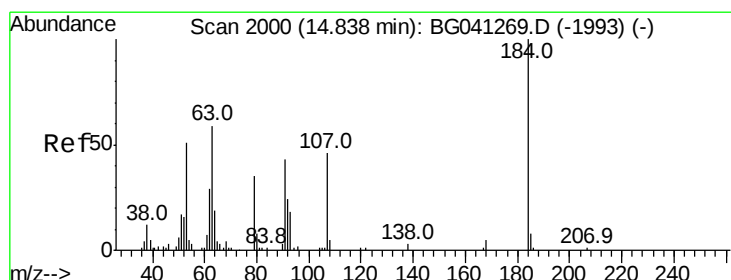
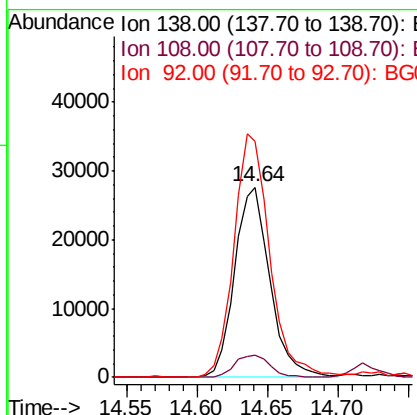
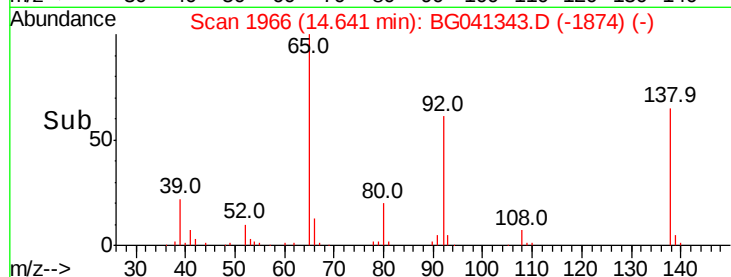
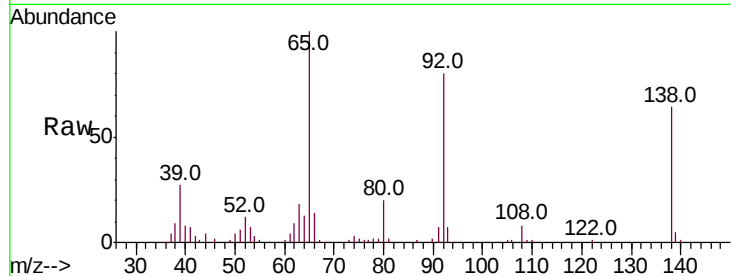
#53
3-Nitroaniline
Concen: 24.794 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.3	12.5
92	123.8	100.2	150.4

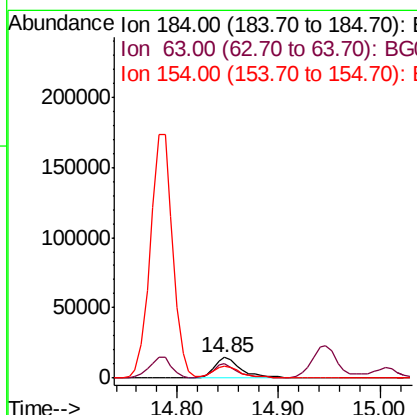
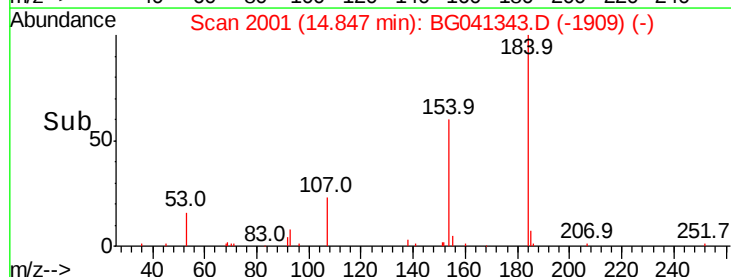
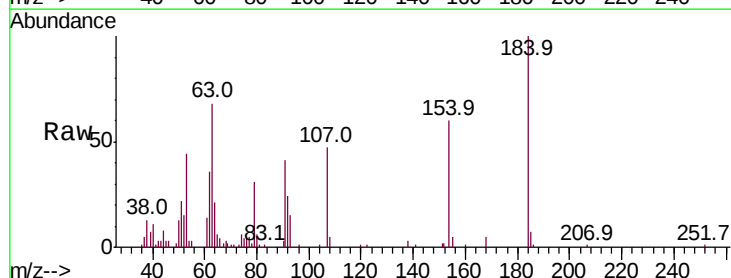
Manual Integrations
APPROVED

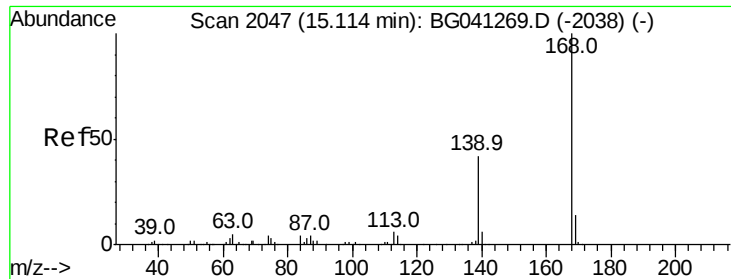
mohammad
6/21/2019 9:57:51 PM



#54
2,4-Dinitrophenol
Concen: 22.948 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	60.0	90.0
154	60.3	58.3	87.5





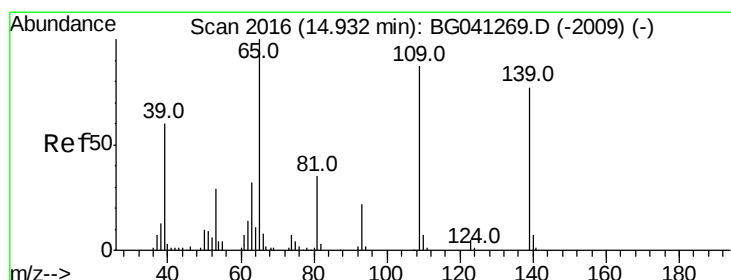
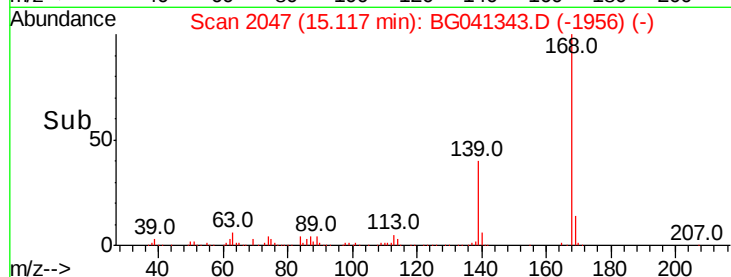
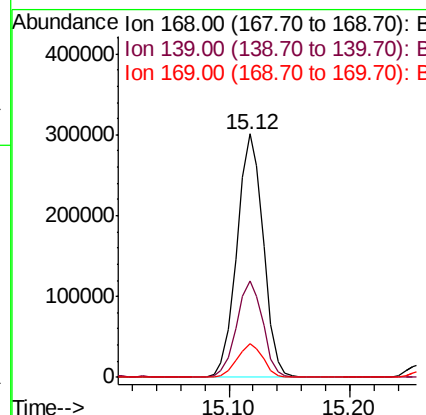
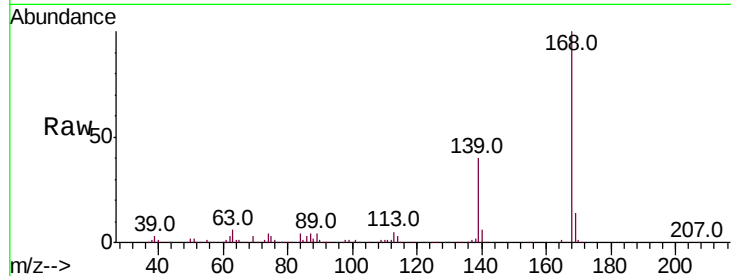
#55
Dibenzofuran
Concen: 43.038 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.6	50.4
169	13.6	10.8	16.2

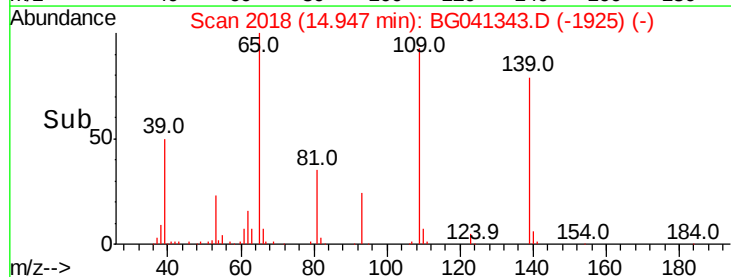
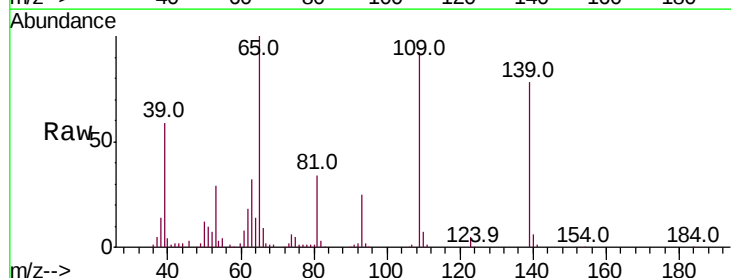
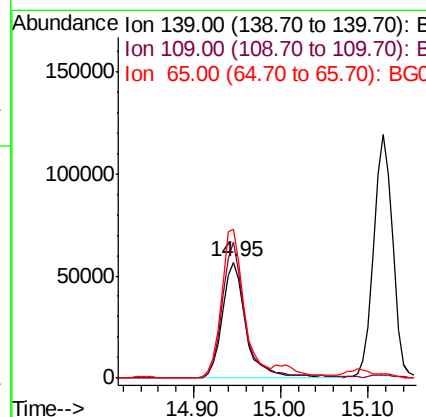
Manual Integrations
APPROVED

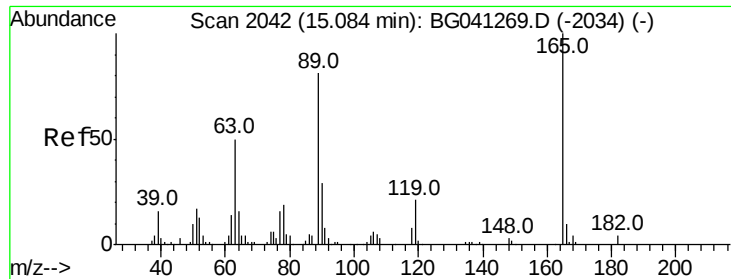
mohammad
6/21/2019 9:57:51 PM



#56
4-Nitrophenol
Concen: 73.403 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.5	93.2	133.2
65	128.3	110.2	150.2





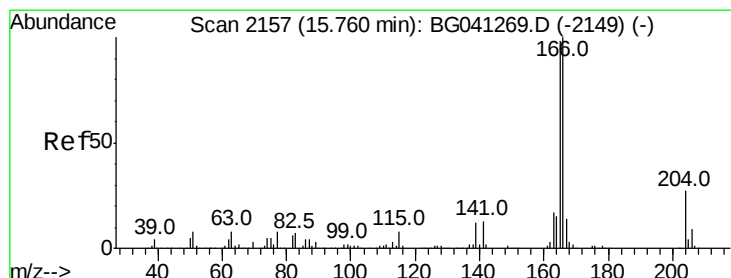
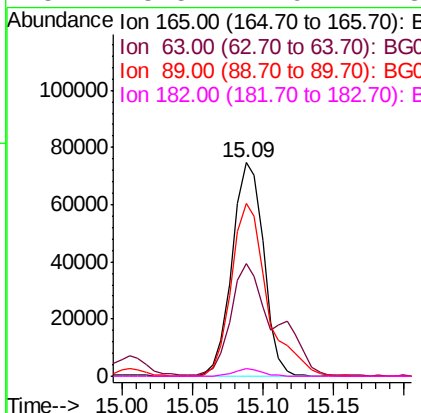
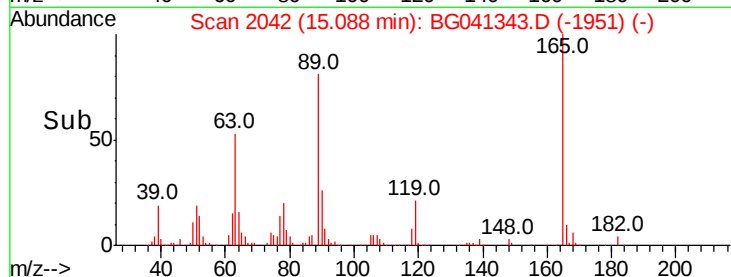
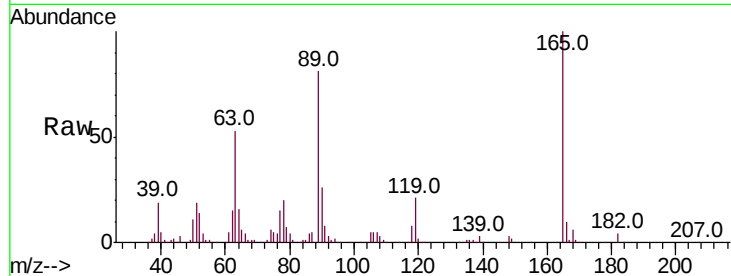
#57
 2,4-Dinitrotoluene
 Concen: 40.373 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

Tot Ion:	165	Resp:	116773
Ion Ratio	Lower	Upper	
165	100		
63	52.8	40.0	60.0
89	80.7	64.6	96.8
182	3.5	2.9	4.3

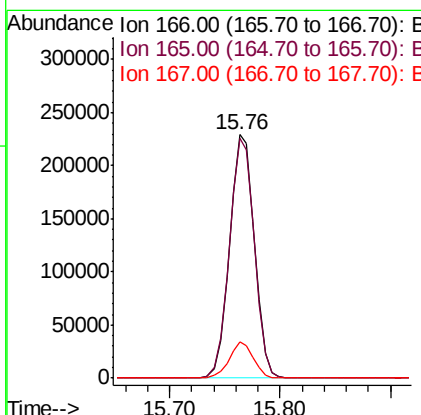
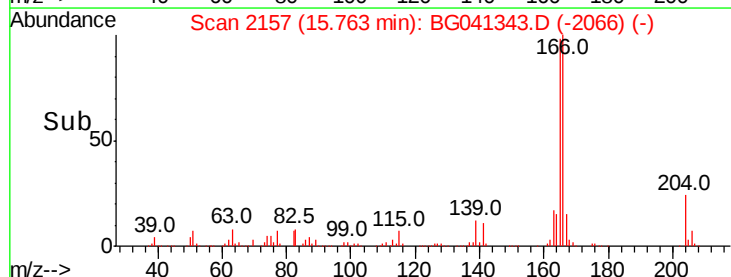
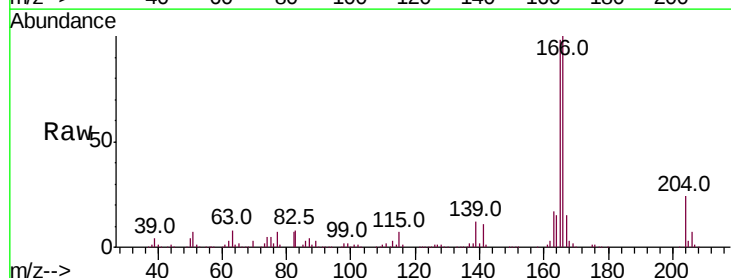
Manual Integrations
 APPROVED

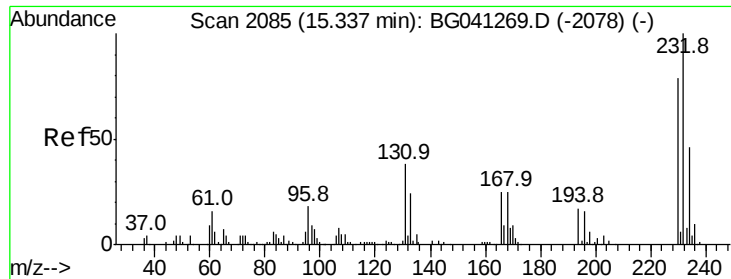
mohammad
 6/21/2019 9:57:51 PM



#58
 Fluorene
 Concen: 43.011 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion:	166	Resp:	359820
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.8	118.2
167	14.7	11.3	16.9





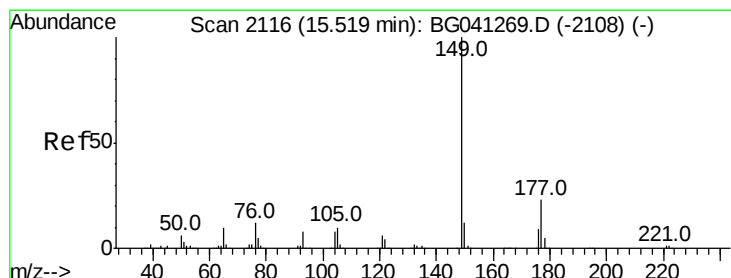
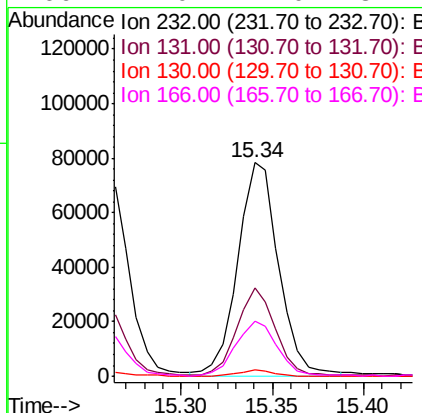
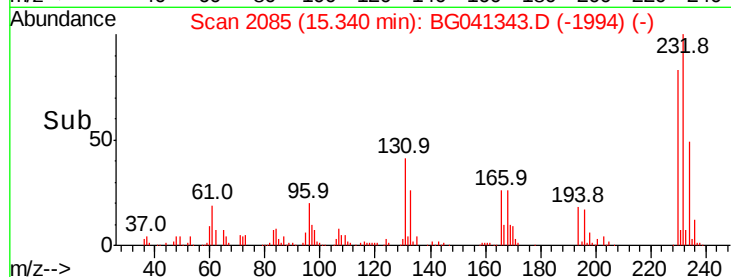
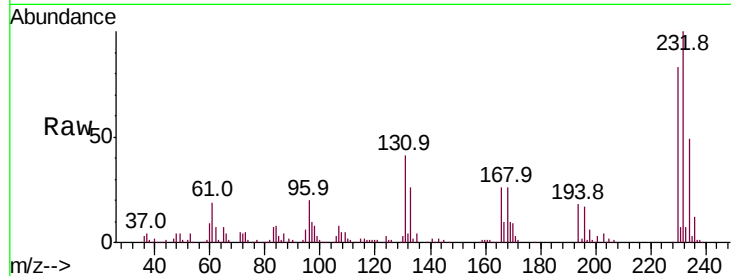
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.047 ng m
 RT: 15.34 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	123394		
131	33.7	29.0	43.6	
130	2.3	1.6	2.4	
166	21.0	21.0	31.4	

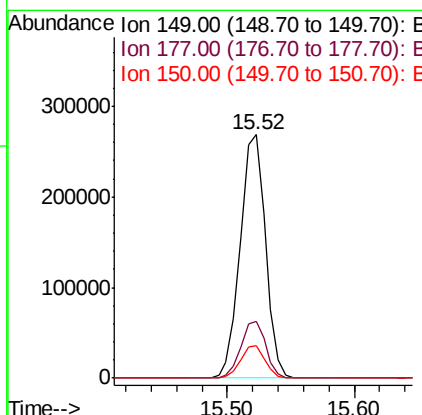
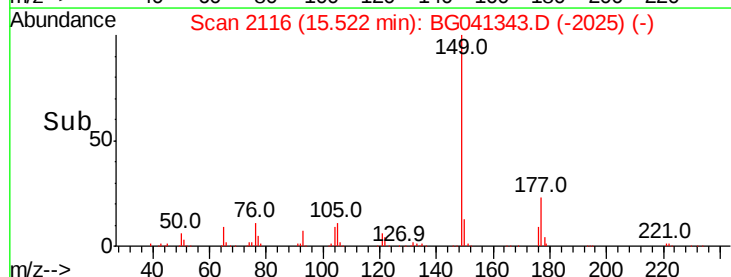
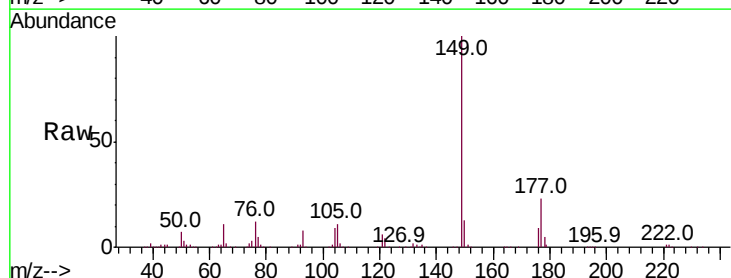
Manual Integrations
 APPROVED

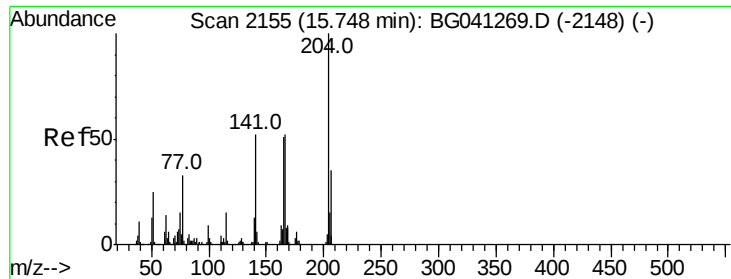
mohammad
 6/21/2019 9:57:51 PM



#60
 Diethylphthalate
 Concen: 38.902 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	371037		
177	23.2	18.4	27.6	
150	13.1	9.9	14.9	





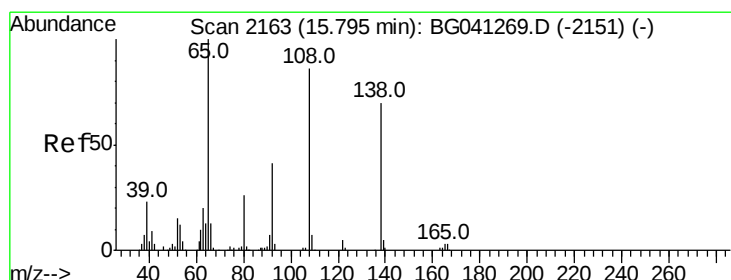
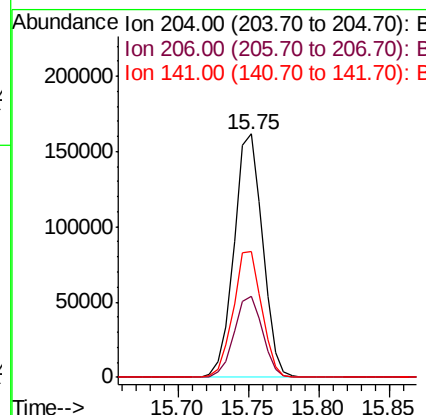
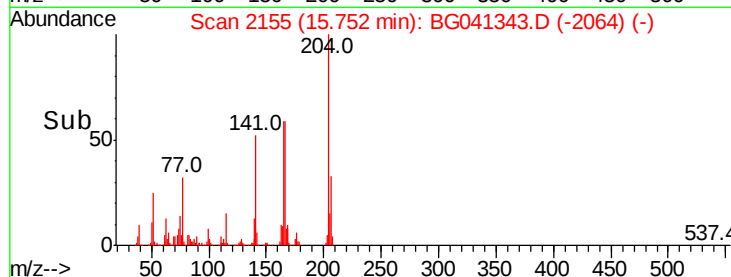
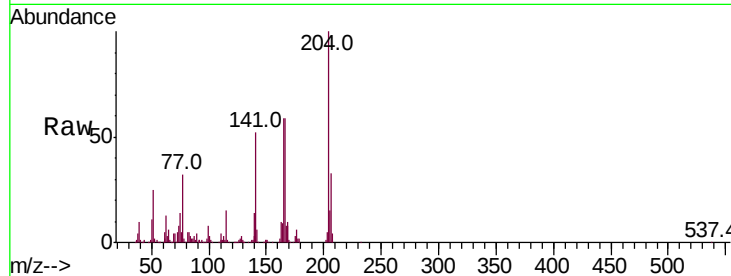
#61
4-Chlorophenyl-phenylether
Concen: 41.790 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.9	41.9
141	51.6	41.4	62.0

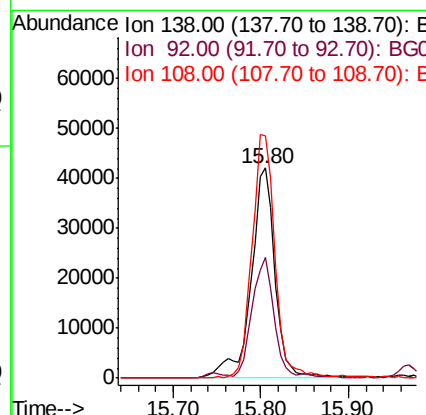
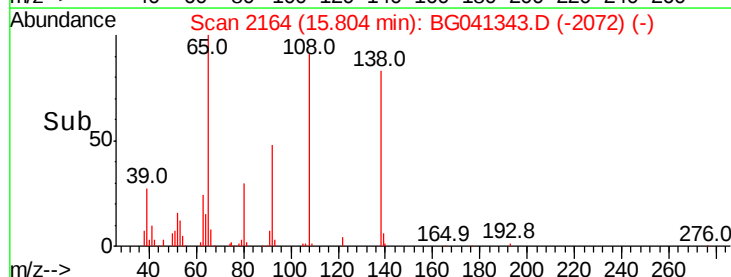
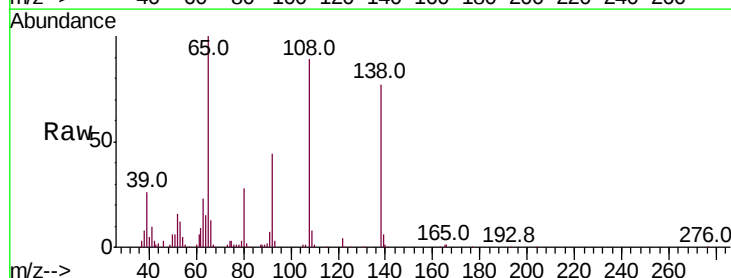
Manual Integrations
APPROVED

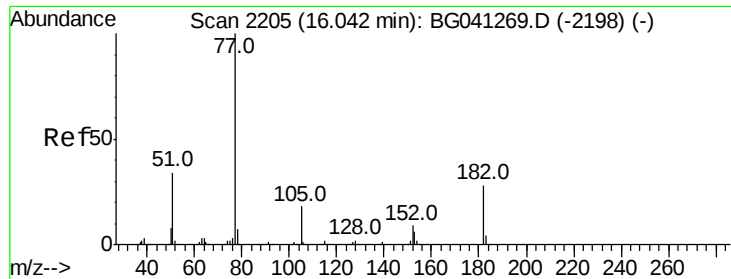
mohammad
6/21/2019 9:57:51 PM



#62
4-Nitroaniline
Concen: 37.777 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	38.8	78.8
108	115.7	103.4	143.4





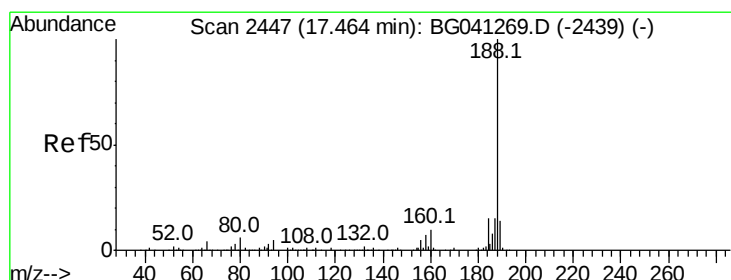
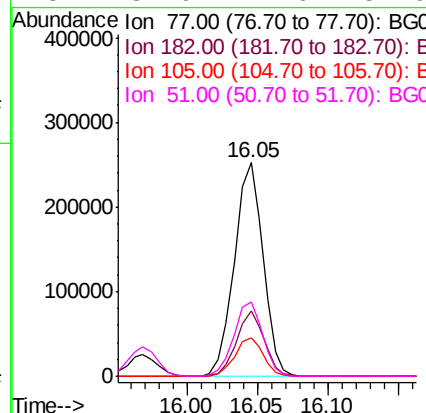
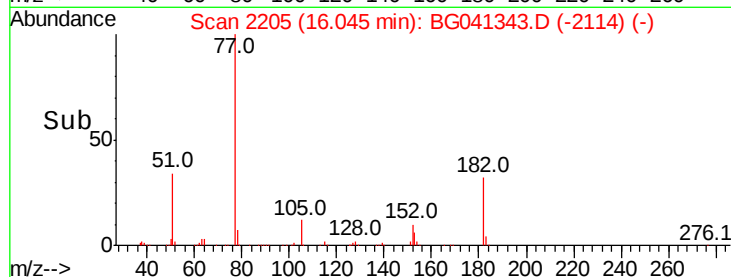
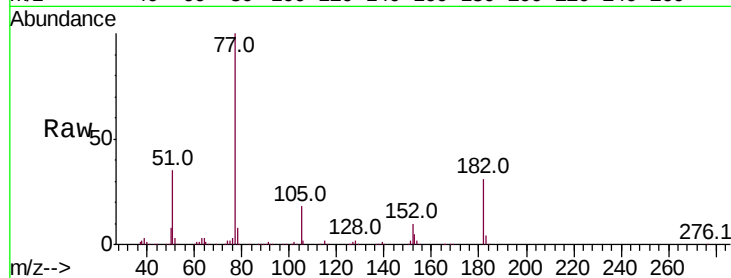
#63
Azobenzene
Concen: 41.935 ng
RT: 16.05 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	7.5	47.5
105	18.2	0.0	37.7
51	34.9	14.6	54.6

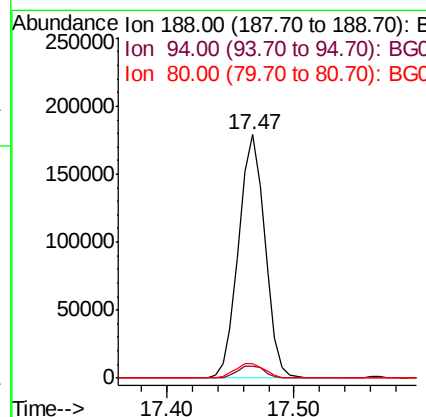
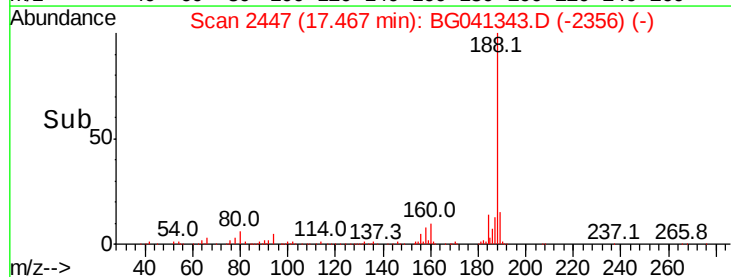
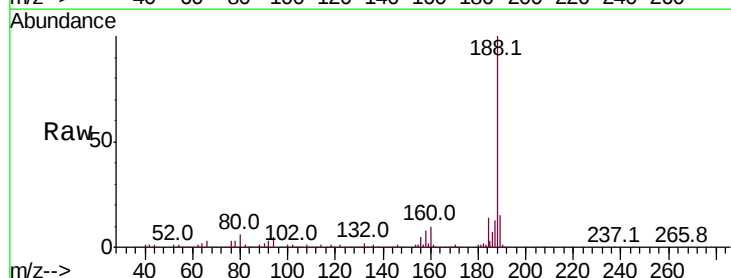
Manual Integrations
APPROVED

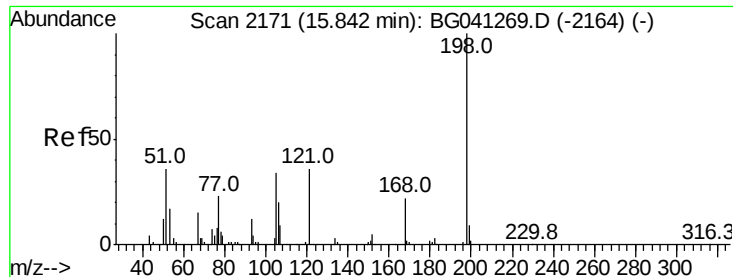
mohammad
6/21/2019 9:57:51 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.6	5.4
80	5.8	4.8	7.2





#65

4,6-Dinitro-2-methylphenol

Concen: 14.645 ng

RT: 15.85 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-AMSD

Tot Ion:198 Resp: 24485

Ion Ratio Lower Upper

198 100

51 41.7 23.4 63.4

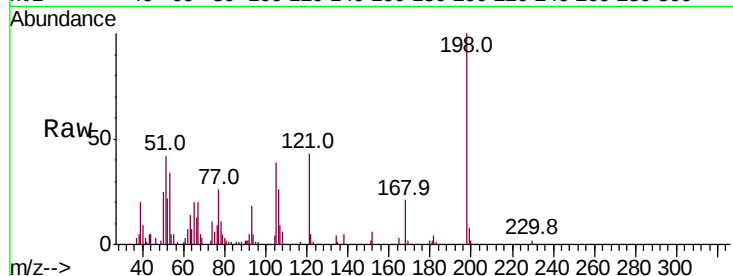
105 39.0 15.8 55.8

Manual Integrations

APPROVED

mohammad

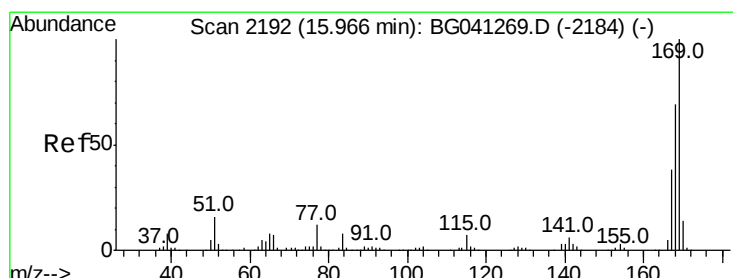
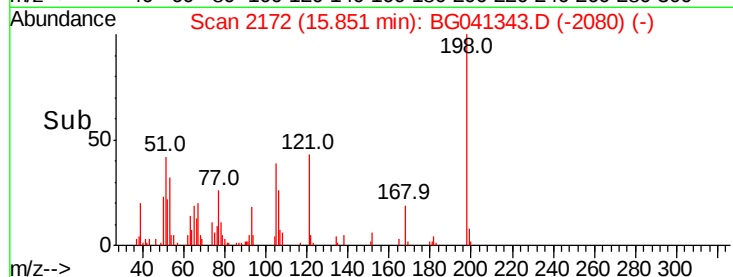
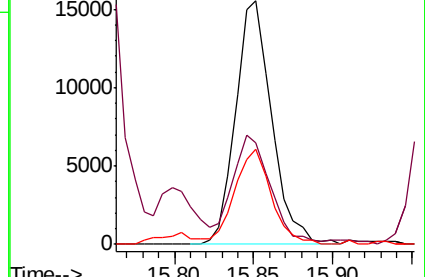
6/21/2019 9:57:51 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.728 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

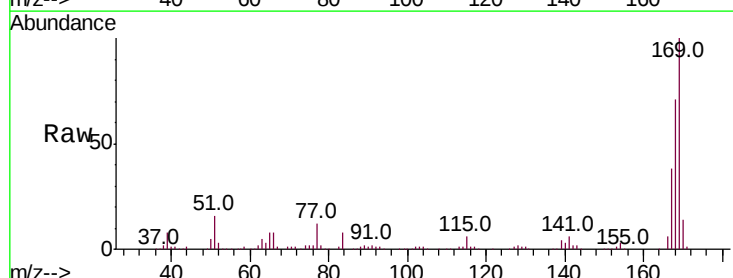
Tgt Ion:169 Resp: 319592

Ion Ratio Lower Upper

169 100

168 70.8 55.2 82.8

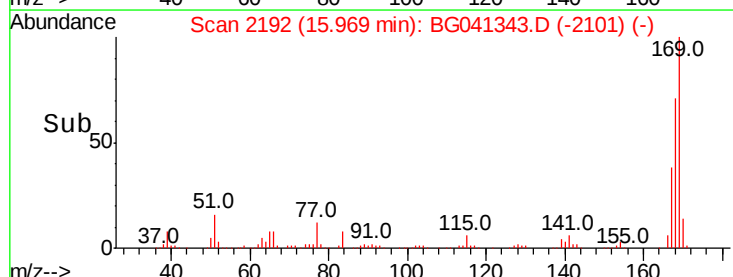
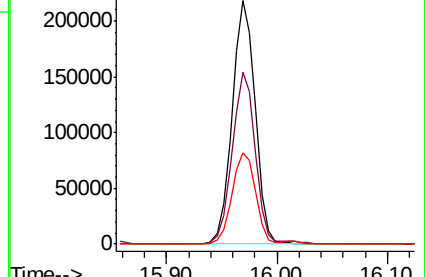
167 37.6 30.4 45.6

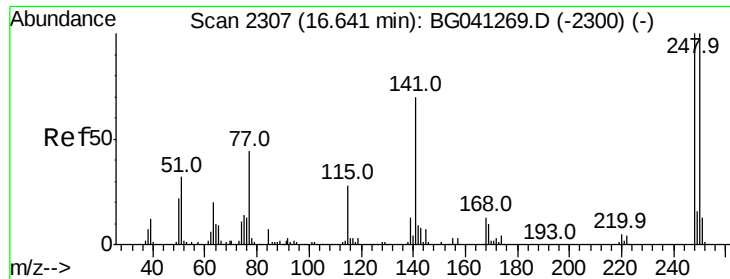


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





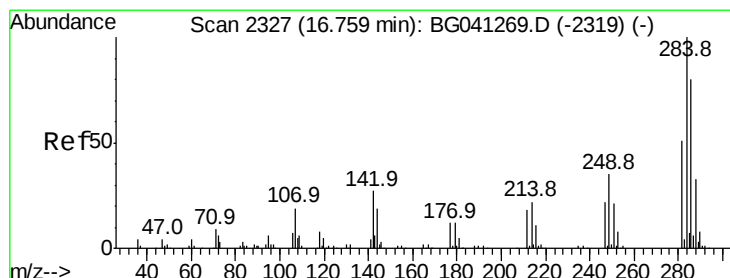
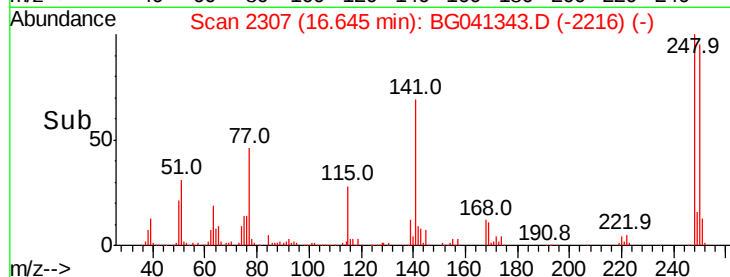
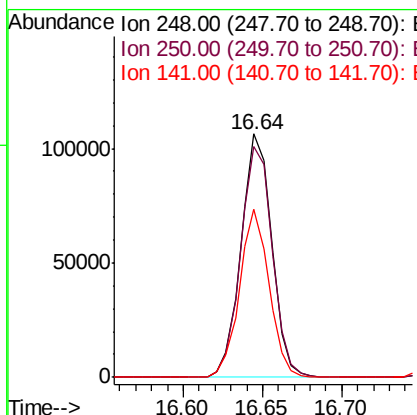
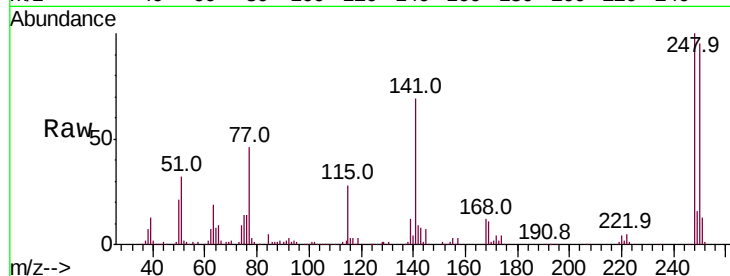
#67
 4-Bromophenyl-phenylether
 Concen: 42.971 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-AMSD

Tot Ion:	248	Resp:	143120
Ion Ratio	Lower	Upper	
248	100		
250	94.8	79.8	119.8
141	69.3	55.8	83.6

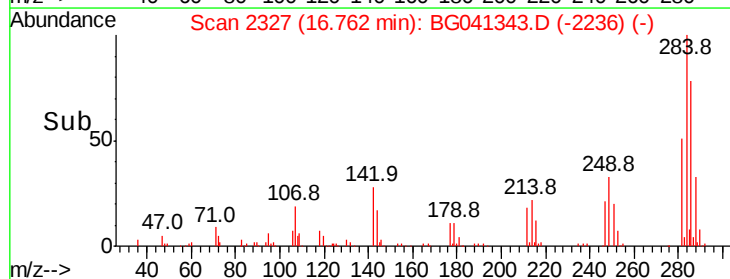
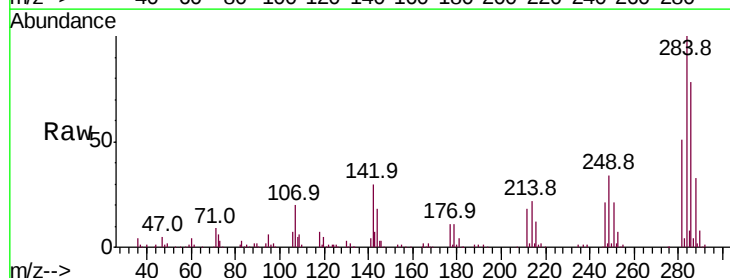
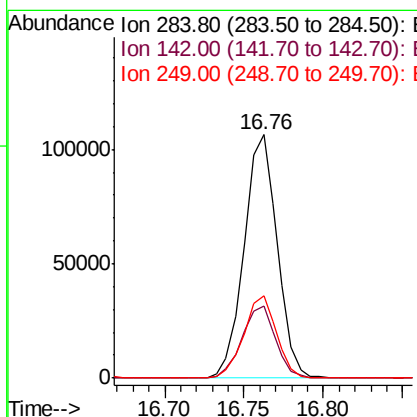
Manual Integrations
 APPROVED

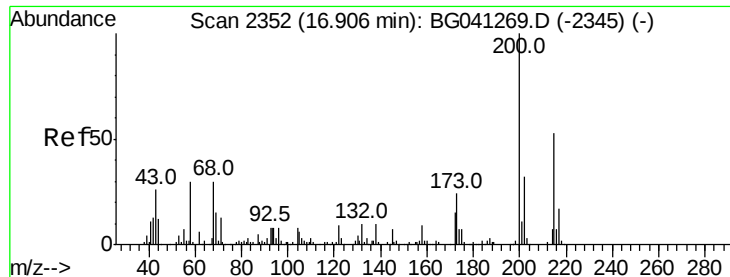
mohammad
 6/21/2019 9:57:51 PM



#68
 Hexachlorobenzene
 Concen: 43.110 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041343.D
 Acq: 20 Jun 2019 2:27

Tgt Ion:	284	Resp:	153755
Ion Ratio	Lower	Upper	
284	100		
142	29.5	21.8	32.8
249	34.0	27.8	41.6





#69

Atrazine

Concen: Below Cal

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

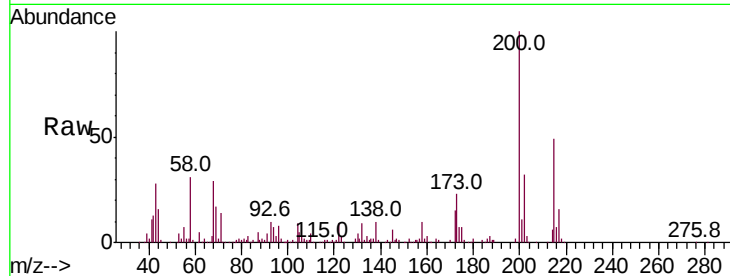
ClientSampleId :

SU-03-061719-AMSD

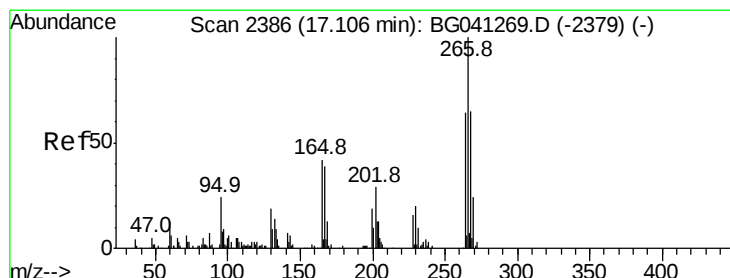
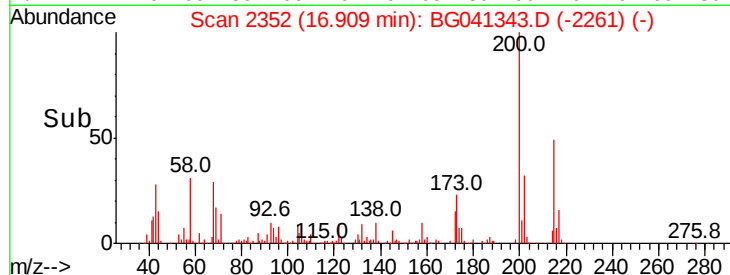
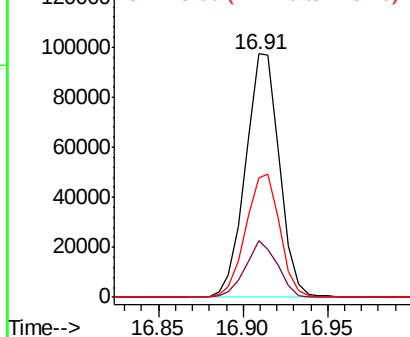
Tot Ion:	200	Resp:	135954
Ion Ratio	Lower	Upper	
200	100		
173	23.2	4.0	44.0
215	49.0	33.4	73.4

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.817 ng

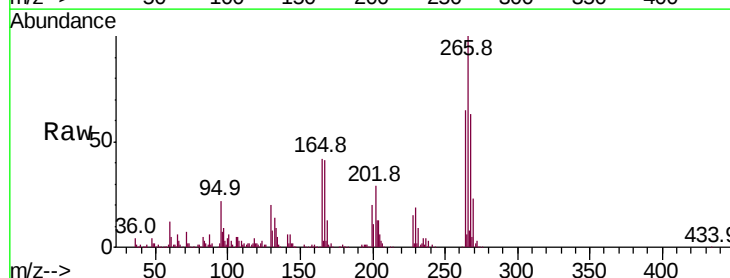
RT: 17.11 min Scan# 2387

Delta R.T. 0.01 min

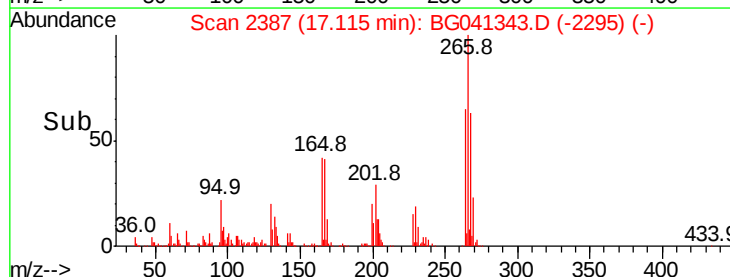
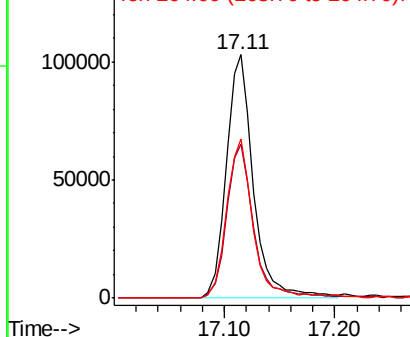
Lab File: BG041343.D

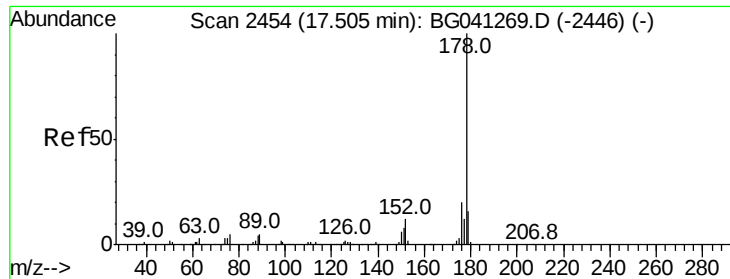
Acq: 20 Jun 2019 2:27

Tgt Ion:	266	Resp:	176815
Ion Ratio	Lower	Upper	
266	100		
268	63.1	52.0	78.0
264	65.5	51.2	76.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





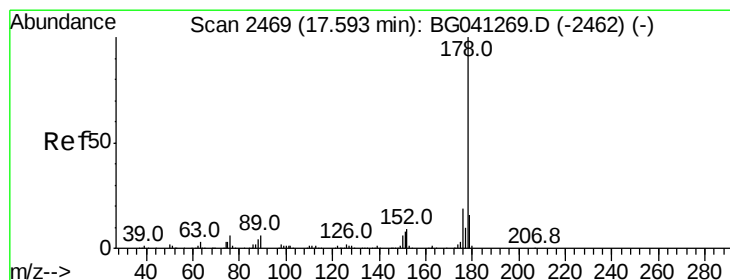
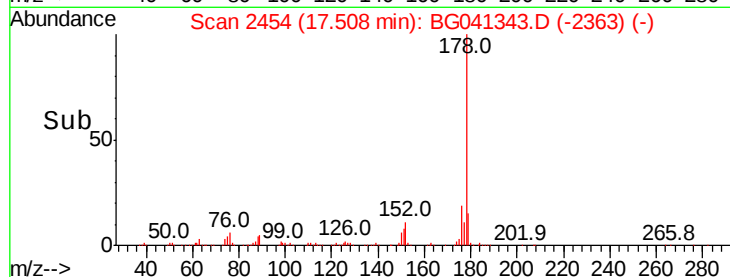
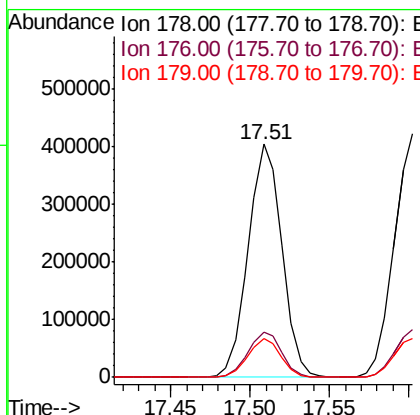
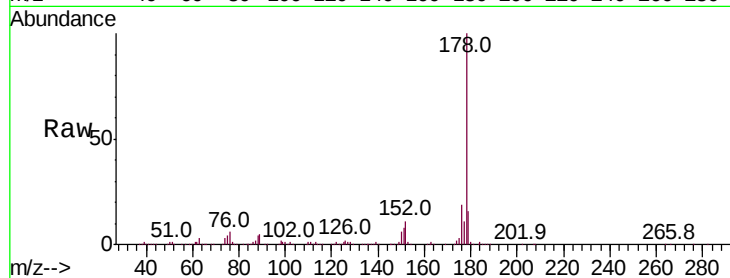
#71
Phenanthrene
Concen: 43.679 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	16.4	12.9	19.3

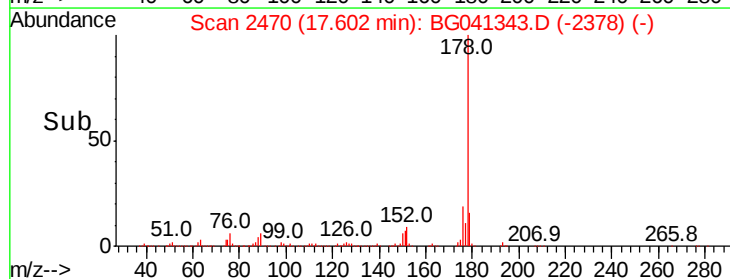
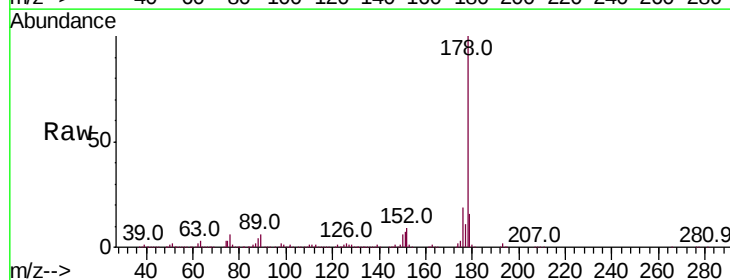
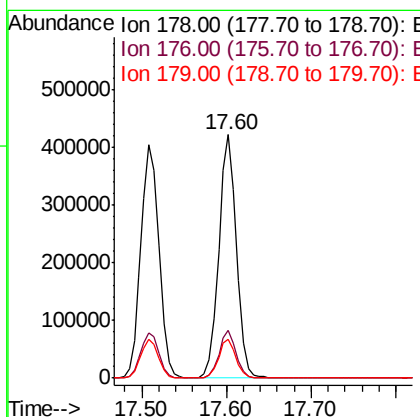
Manual Integrations
APPROVED

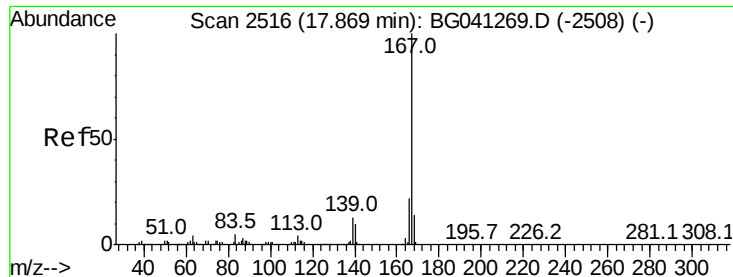
mohammad
6/21/2019 9:57:51 PM



#72
Anthracene
Concen: 45.332 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	13.0	19.4





#73

Carbazole

Concen: 44.232 ng

RT: 17.87 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

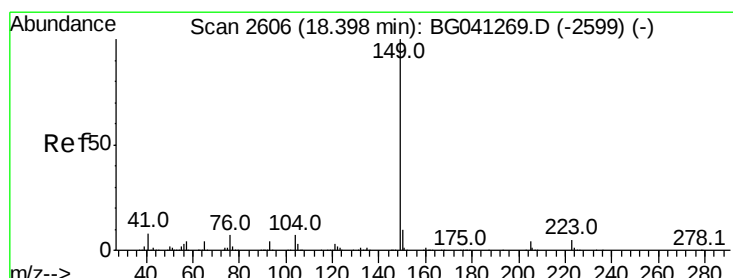
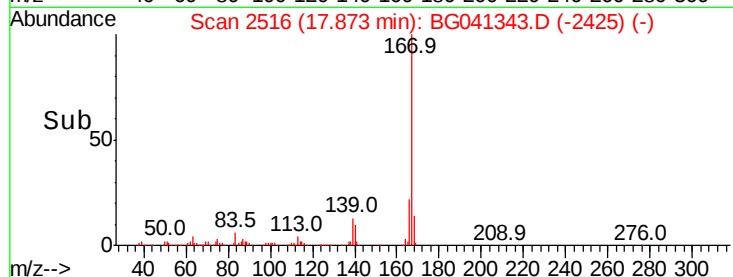
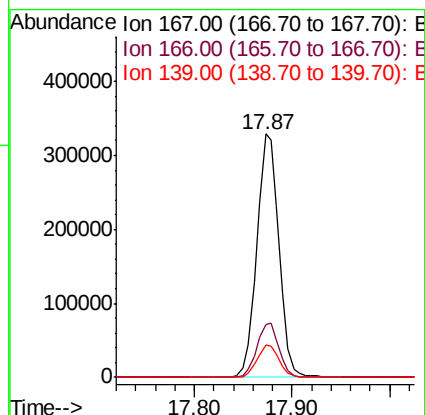
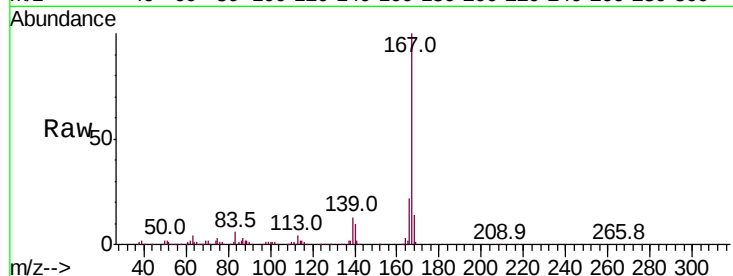
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	167	Resp:	524045
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.9	26.9
139	13.4	10.7	16.1

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#74

Di-n-butylphthalate

Concen: 41.698 ng

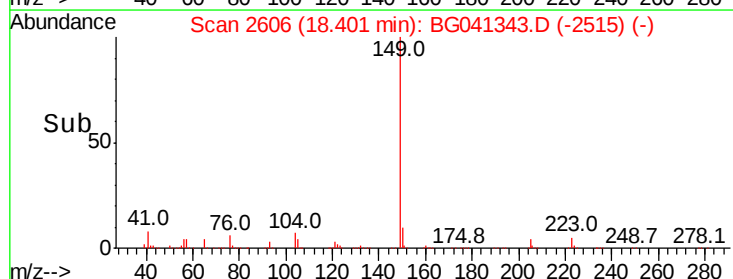
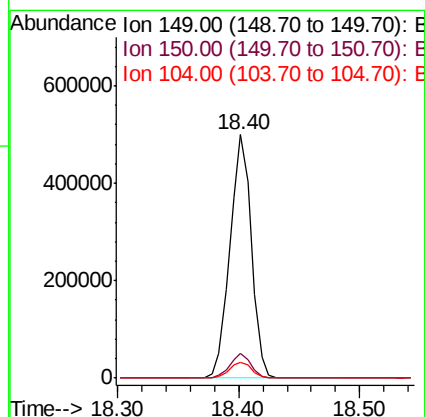
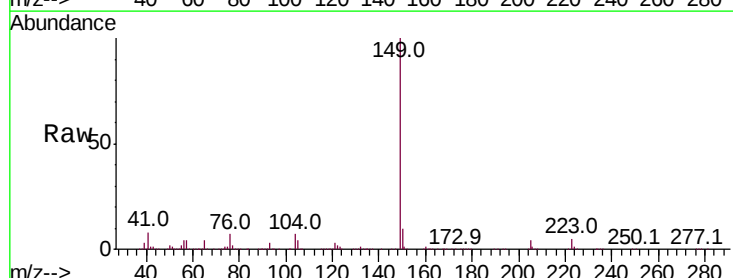
RT: 18.40 min Scan# 2606

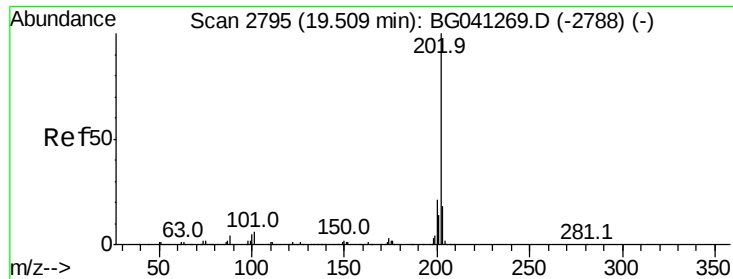
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	149	Resp:	616427
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	6.6	5.4	8.0





#75

Fluoranthene

Concen: 41.403 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

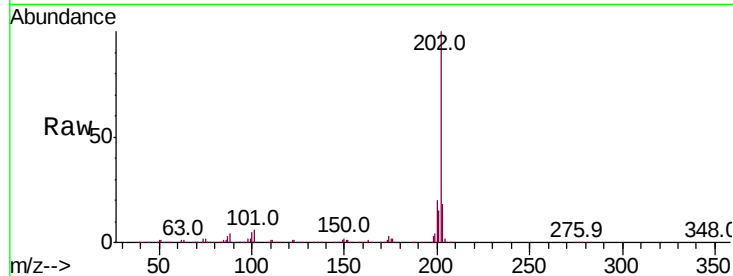
ClientSampleId :

SU-03-061719-AMSD

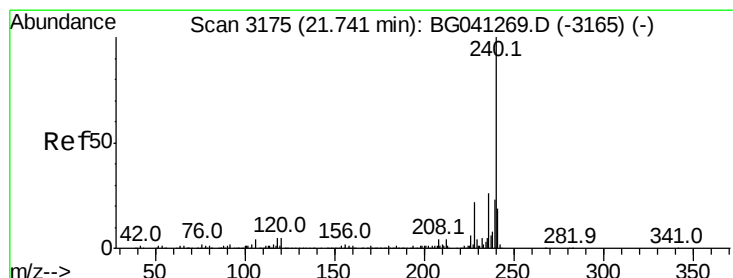
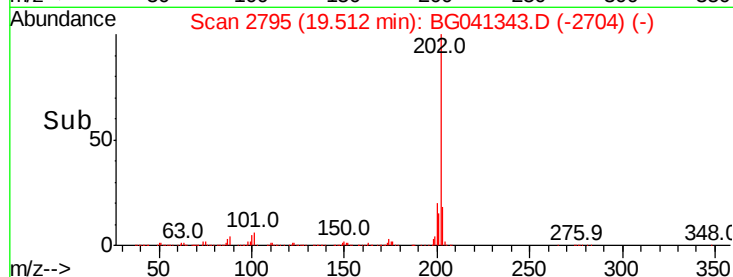
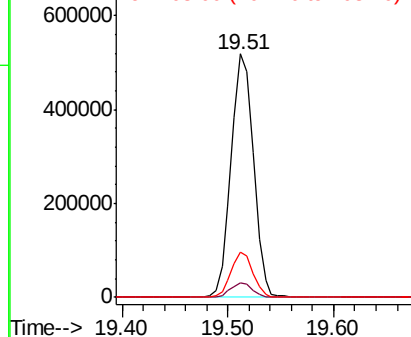
Tot Ion:	202	Resp:	755645
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.0
203	18.4	0.0	37.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

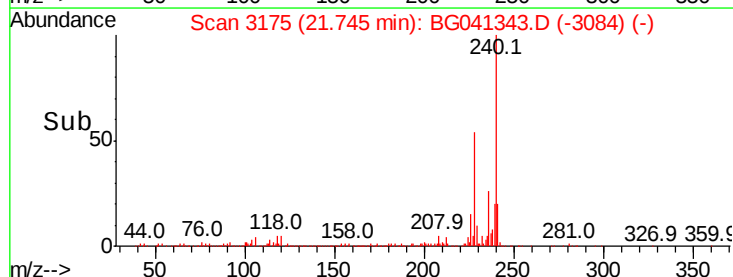
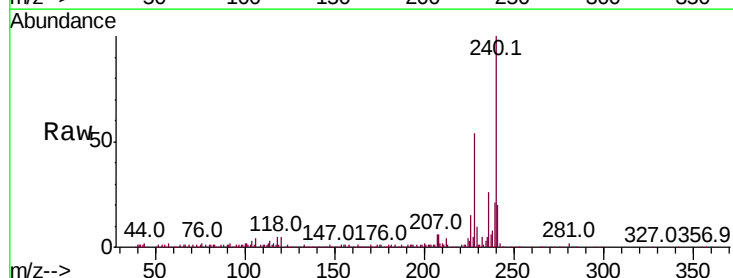
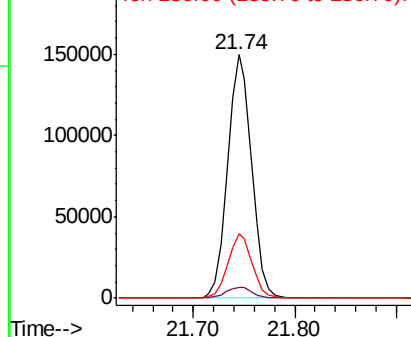
Delta R.T. 0.00 min

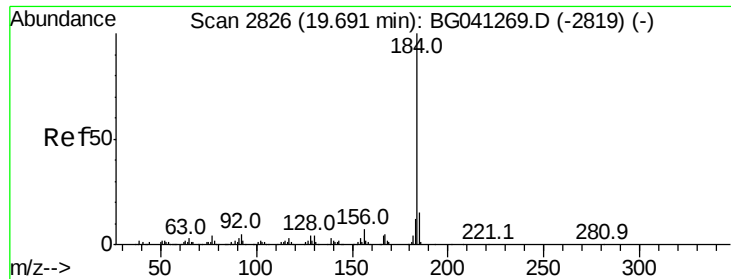
Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	240	Resp:	243490
Ion Ratio	Lower	Upper	
240	100		
120	4.5	3.7	5.5
236	26.3	21.1	31.7

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





#77

Benzidine

Concen: 36.749 ng

RT: 19.70 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

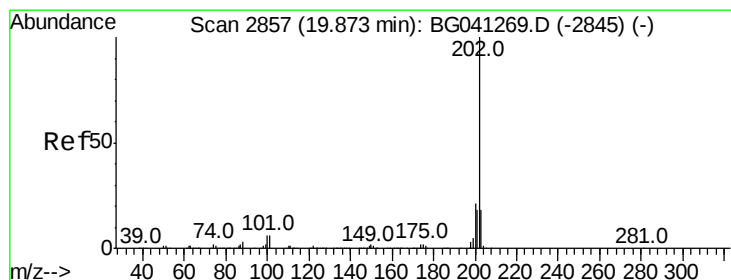
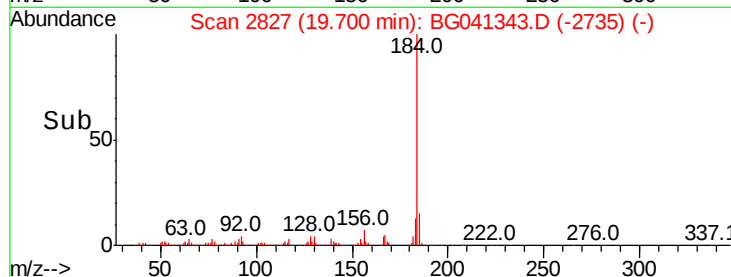
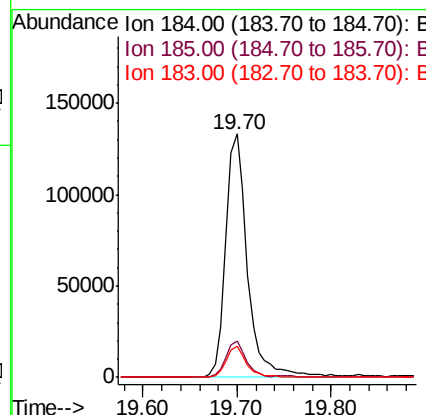
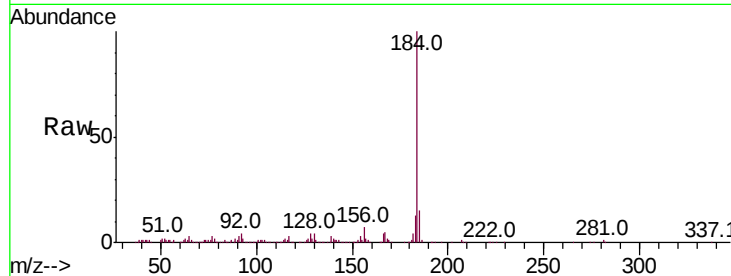
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	184	Resp:	216429
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.9	9.6	14.4

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#78

Pyrene

Concen: 46.237 ng

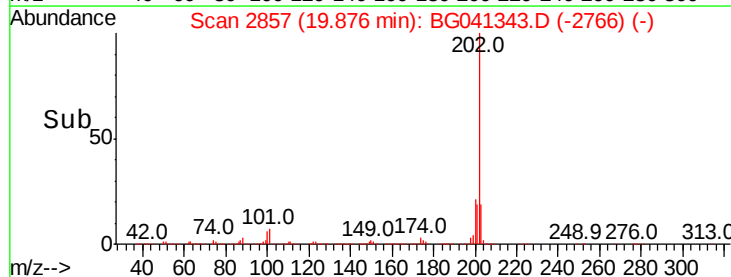
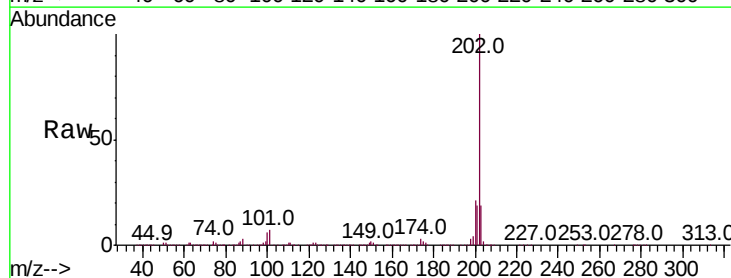
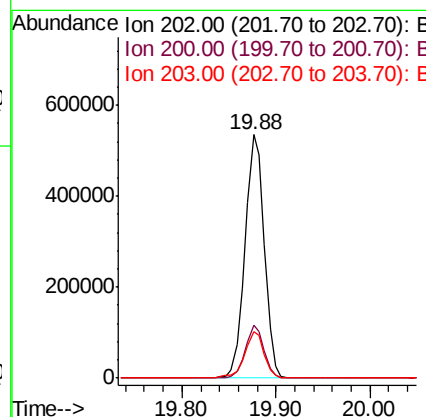
RT: 19.88 min Scan# 2857

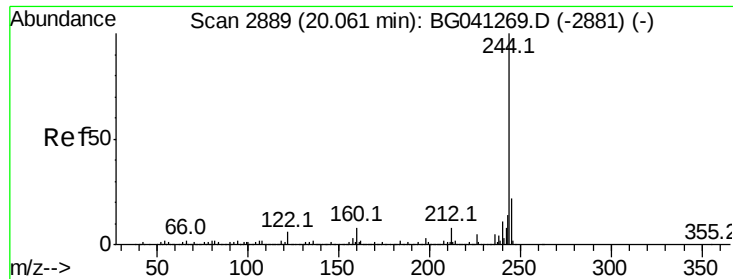
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	202	Resp:	759257
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.8	25.2
203	19.0	14.6	21.8





#79

Terphenyl-d14

Concen: 97.190 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

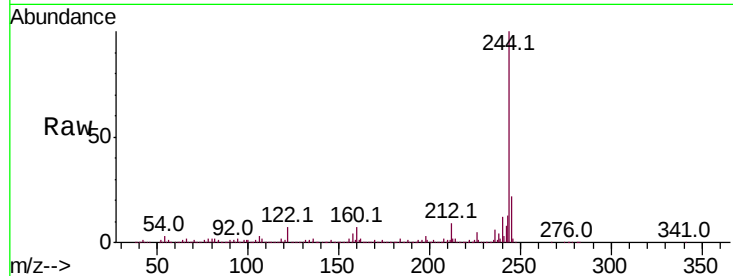
ClientSampleId :

SU-03-061719-AMSD

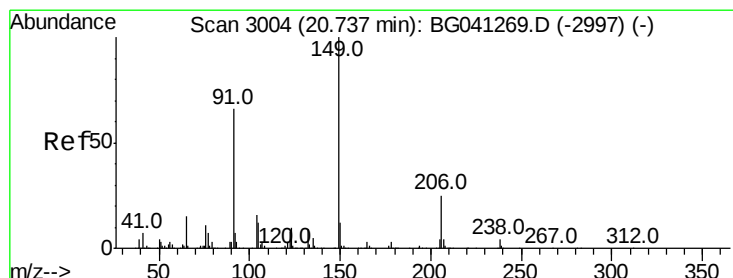
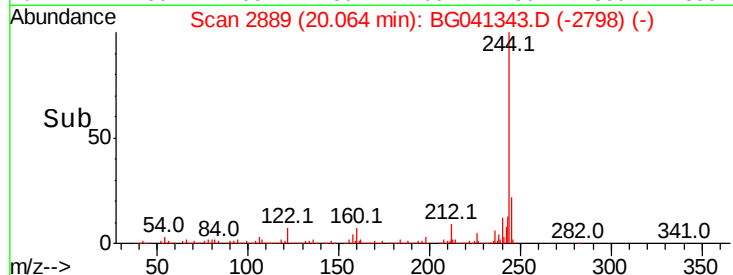
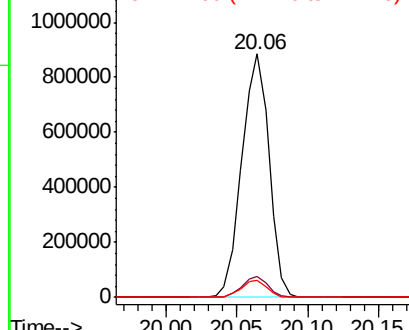
Tot Ion:	244	Resp:	1194111
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	7.1	5.0	7.4

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.350 ng

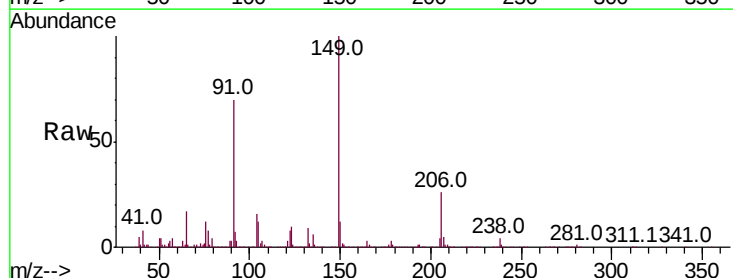
RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

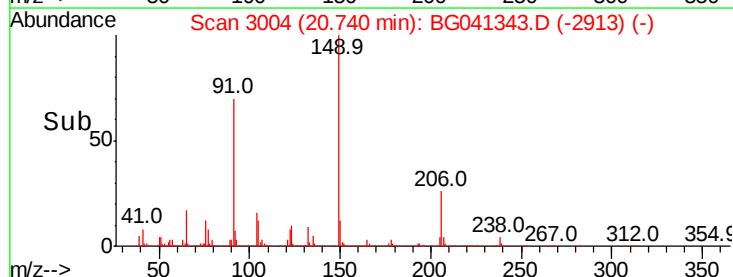
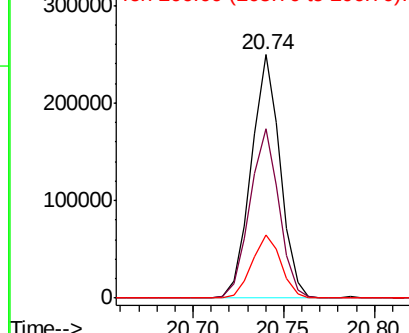
Lab File: BG041343.D

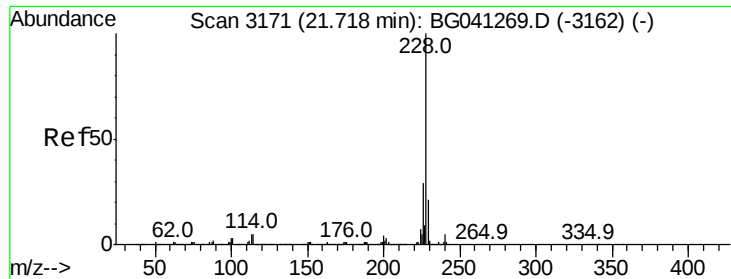
Acq: 20 Jun 2019 2:27

Tgt Ion:	149	Resp:	275467
Ion	Ratio	Lower	Upper
149	100		
91	69.7	53.2	79.8
206	26.2	20.3	30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.126 ng

RT: 21.73 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

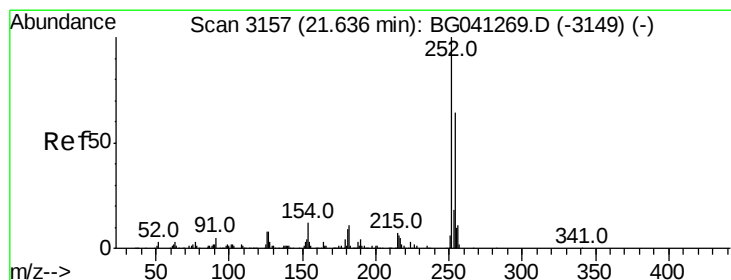
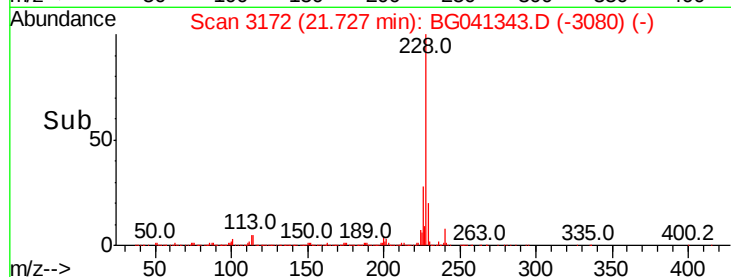
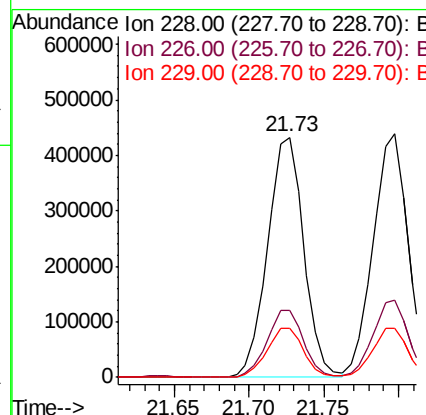
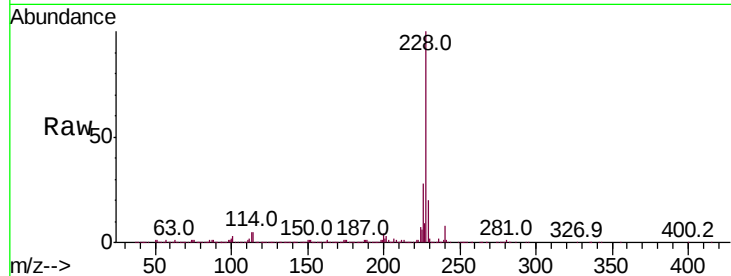
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	228	Resp:	727479
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.2	34.8
229	20.4	16.8	25.2

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#82

3,3'-Dichlorobenzidine

Concen: 34.138 ng

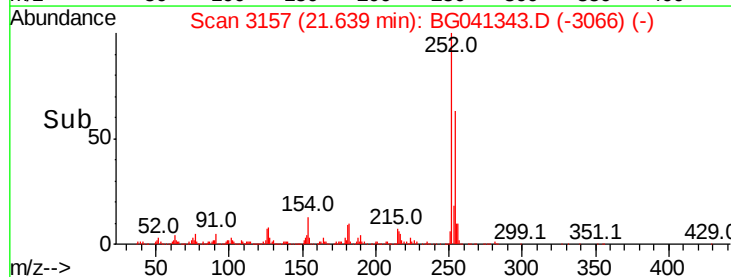
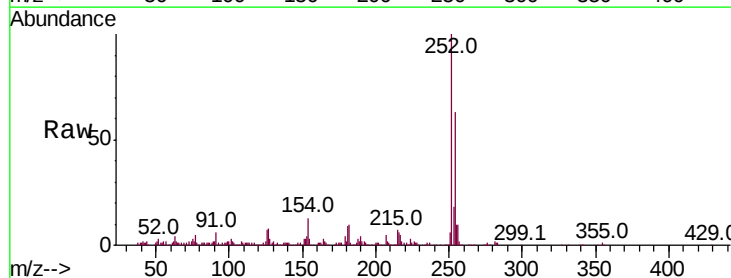
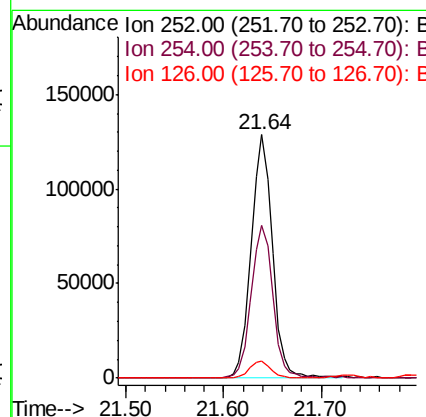
RT: 21.64 min Scan# 3157

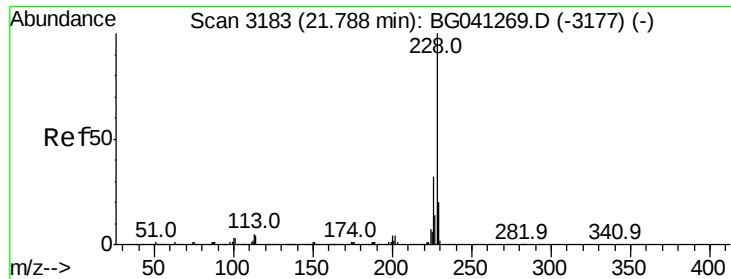
Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	252	Resp:	197568
Ion Ratio	Lower	Upper	
252	100		
254	62.6	51.4	77.0
126	6.8	6.0	9.0





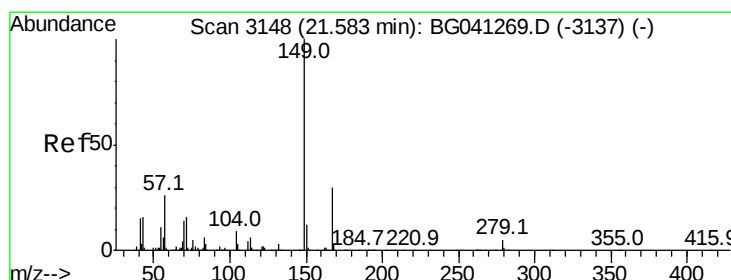
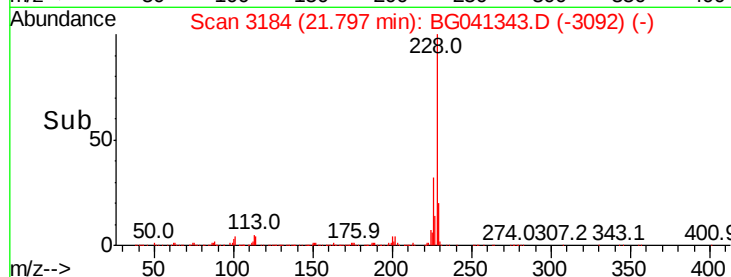
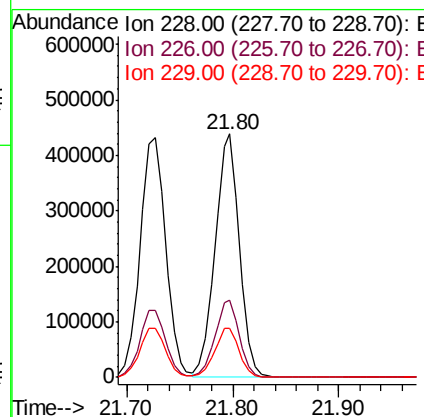
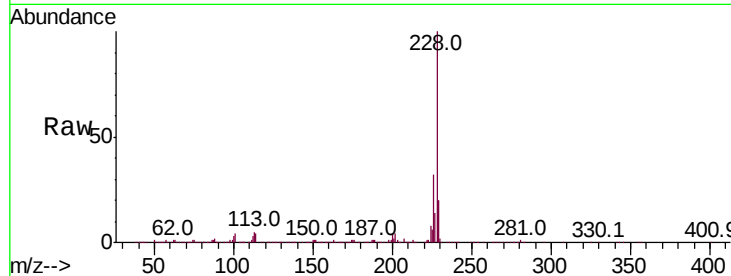
#83
Chrysene
Concen: 44.407 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.1	16.2	24.2

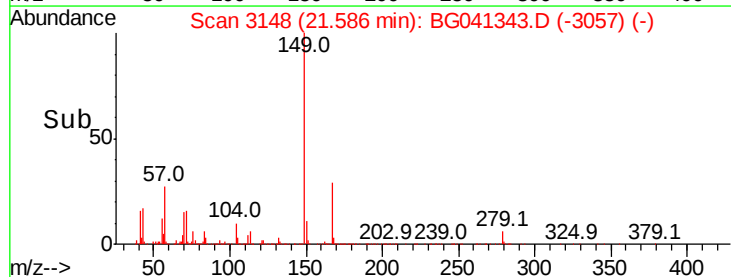
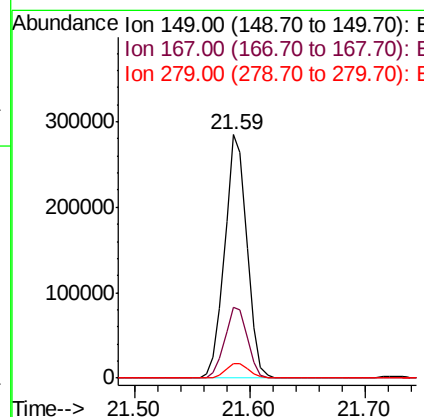
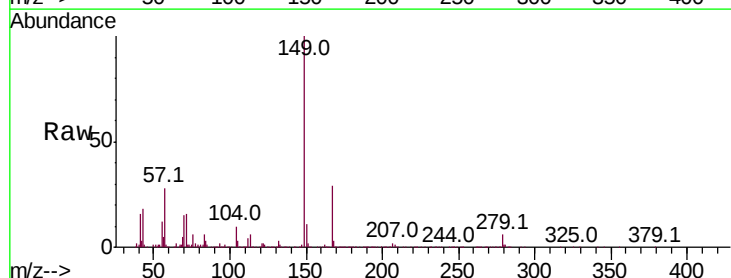
Manual Integrations
APPROVED

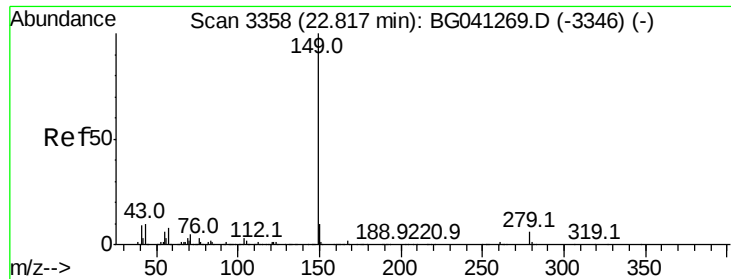
mohammad
6/21/2019 9:57:51 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.592 ng
RT: 21.59 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.8	35.8
279	6.2	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 45.498 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

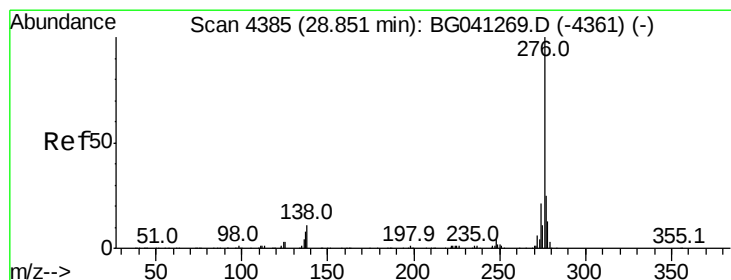
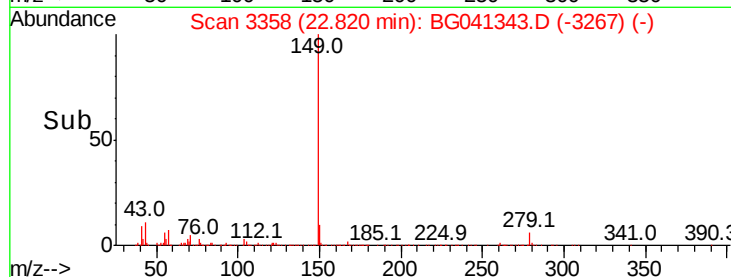
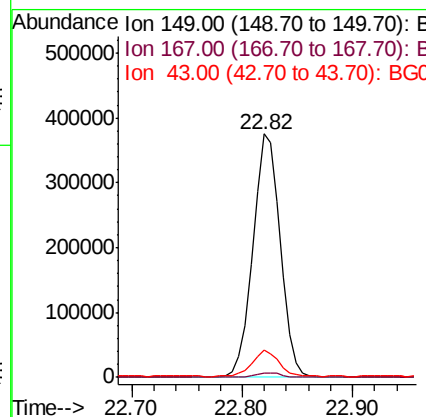
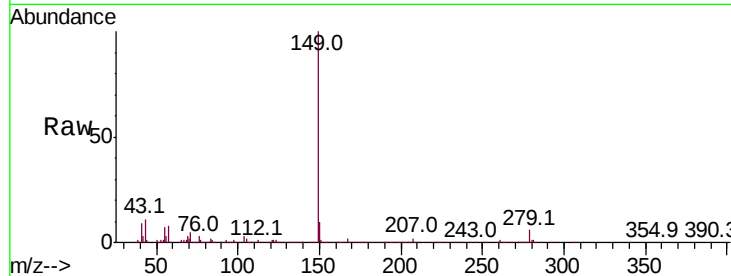
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	149	Resp:	651578
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.3	8.2	12.2

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.377 ng

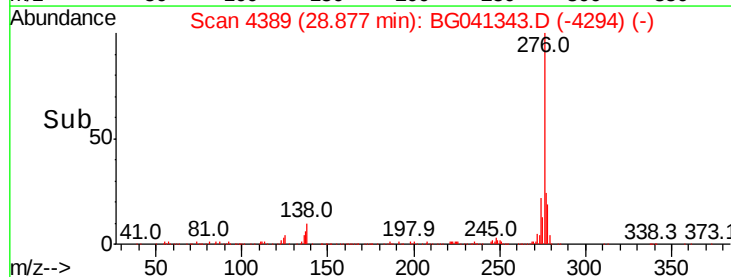
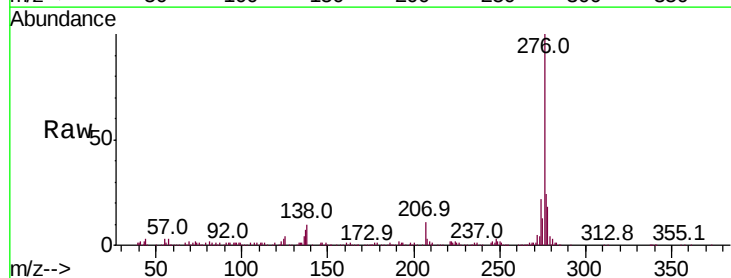
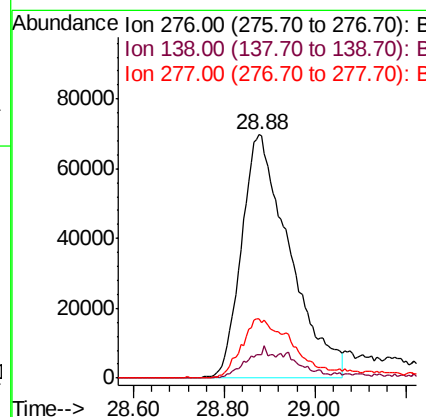
RT: 28.88 min Scan# 4389

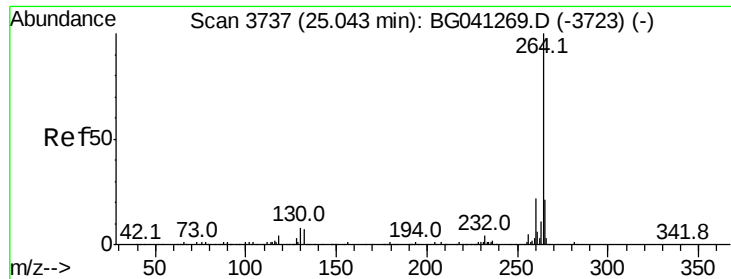
Delta R.T. 0.03 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	276	Resp:	514966
Ion Ratio	Lower	Upper	
276	100		
138	6.6	7.7	11.5#
277	25.7	20.6	31.0





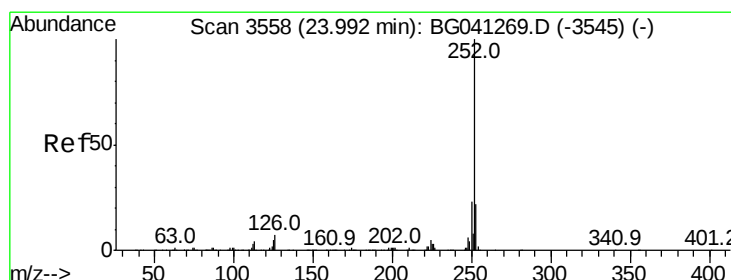
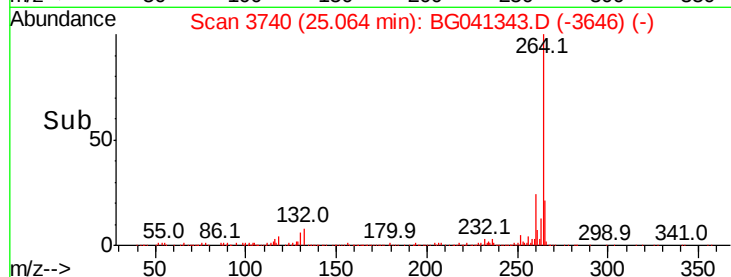
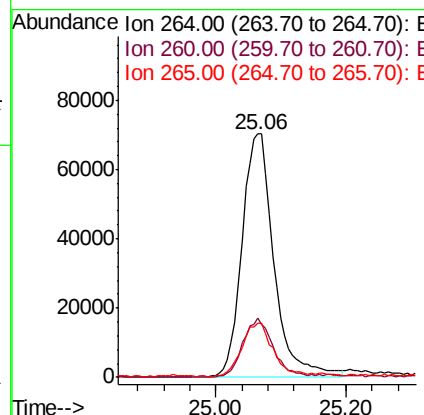
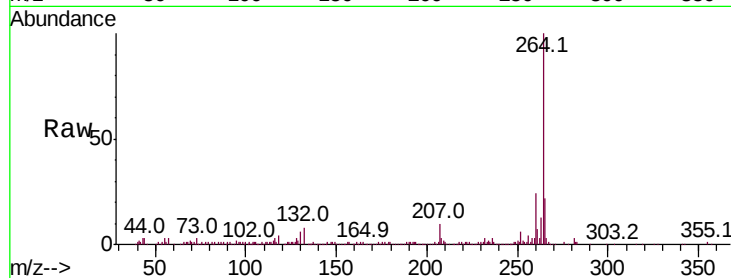
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3740
Delta R.T. 0.02 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.2	17.2	25.8

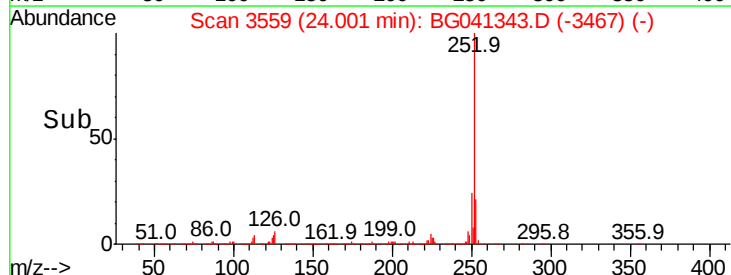
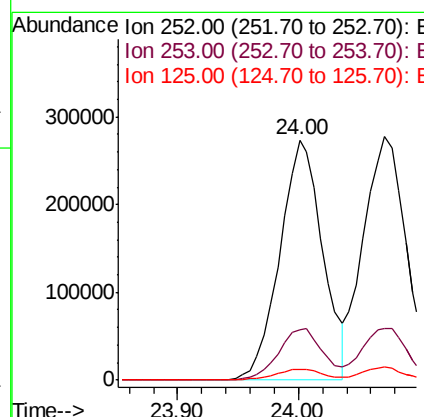
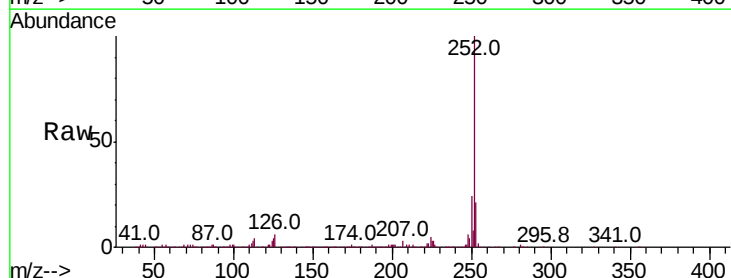
Manual Integrations
APPROVED

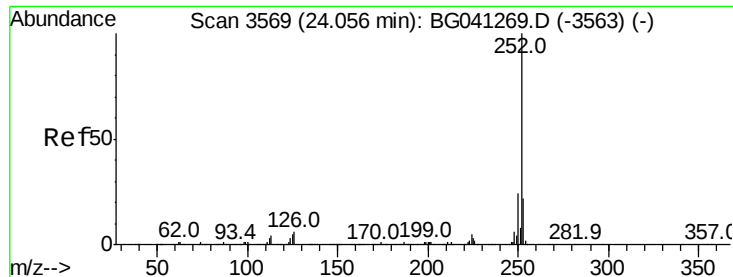
mohammad
6/21/2019 9:57:51 PM



#88
Benzo(b)fluoranthene
Concen: 45.171 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.01 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	4.2	3.9	5.9





#89

Benzo(k)fluoranthene

Concen: 48.020 ng

RT: 24.07 min Scan# 3571

Delta R.T. 0.01 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Instrument :

BNA_G

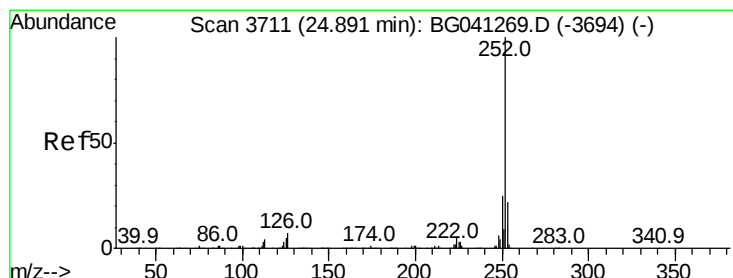
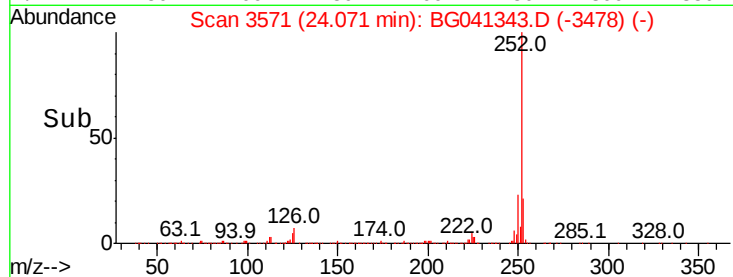
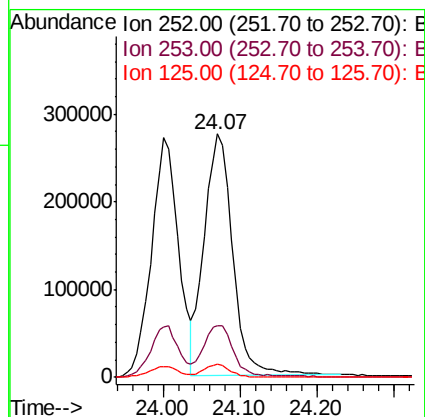
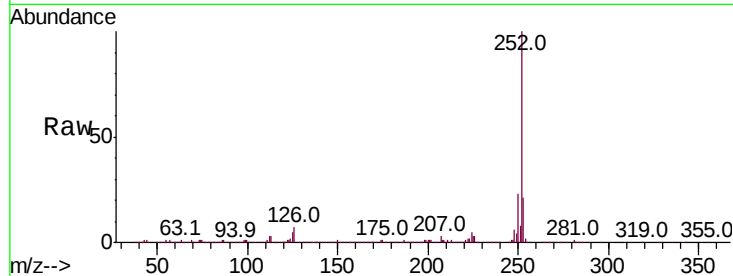
ClientSampleId :

SU-03-061719-AMSD

Tot Ion:	252	Resp:	705662
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	5.2	4.3	6.5

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



#90

Benzo(a)pyrene

Concen: 45.934 ng

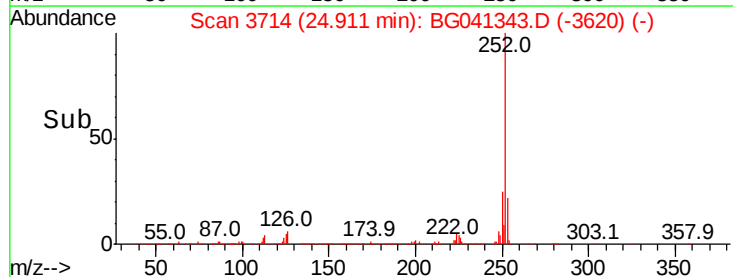
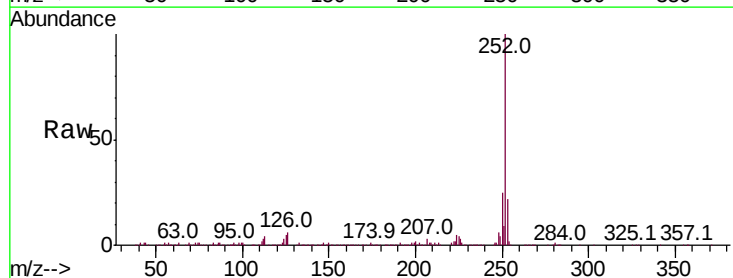
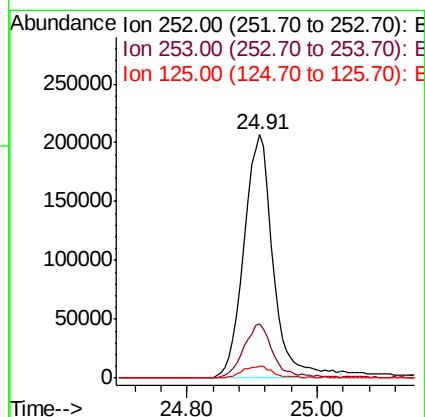
RT: 24.91 min Scan# 3714

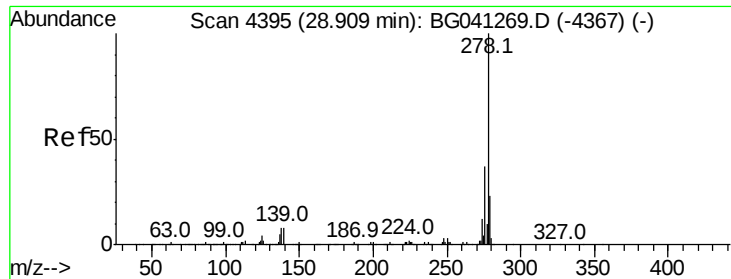
Delta R.T. 0.02 min

Lab File: BG041343.D

Acq: 20 Jun 2019 2:27

Tgt Ion:	252	Resp:	643504
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	4.9	4.2	6.4





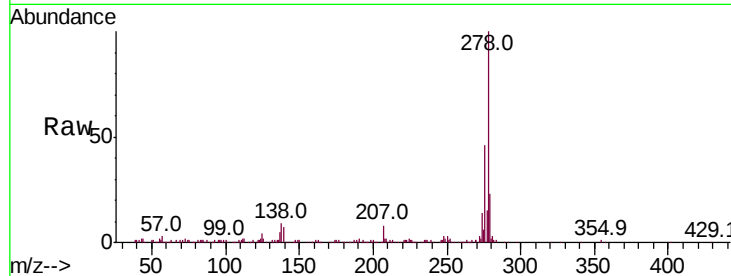
#91
Dibenzo(a,h)anthracene
Concen: 31.643 ng
RT: 28.94 min Scan# 4400
Delta R.T. 0.03 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMSD

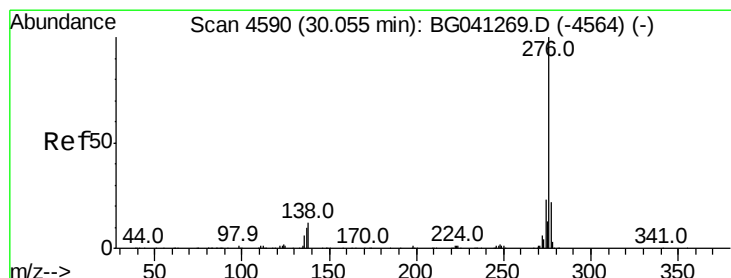
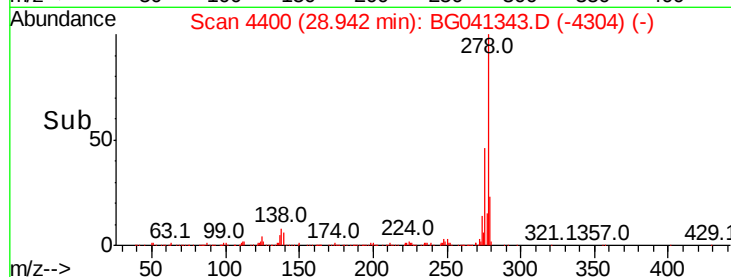
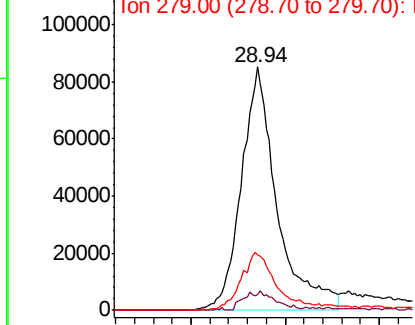
Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	6.6	10.0
279	22.9	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:51 PM



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



#92
Benzo(g,h,i)perylene
Concen: 25.125 ng
RT: 30.08 min Scan# 4594
Delta R.T. 0.03 min
Lab File: BG041343.D
Acq: 20 Jun 2019 2:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	11.8	9.4	14.0

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

