

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036511.D
 Acq On : 31 Aug 2018 18:29
 Operator : JU/SJ
 Sample : J4270-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

Quant Time: Sep 01 01:19:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59280	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	234664	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157596	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	414878	20.00	ng	0.00
75) Chrysene-d12	21.70	240	429711	20.00	ng	0.00
86) Perylene-d12	24.91	264	449408	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	415545	111.20	ng	0.00
7) Phenol-d6	7.21	99	547041	102.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	365974	84.62	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	263166	139.95	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	837107	75.84	ng	0.00
78) Terphenyl-d14	20.03	244	1528144	83.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	61147	35.061	ng	# 93
3) Pyridine	3.94	79	155805	31.827	ng	98
4) n-Nitrosodimethylamine	3.85	42	84896	38.936	ng	84
6) Aniline	7.38	93	97149	14.305	ng	96
8) 2-Chlorophenol	7.63	128	174869	43.150	ng	95
9) Benzaldehyde	7.20	77	78324	21.258	ng	95
10) Phenol	7.24	94	223526	39.921	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	172579	38.878	ng	98
12) 1,3-Dichlorobenzene	7.95	146	182439	39.425	ng	97
13) 1,4-Dichlorobenzene	8.10	146	186845	39.993	ng	97
14) 1,2-Dichlorobenzene	8.41	146	179061	40.132	ng	94
15) Benzyl Alcohol	8.30	79	171068	39.661	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	312240	34.879	ng	99
17) 2-Methylphenol	8.50	107	160517	43.174	ng	95
18) Hexachloroethane	9.15	117	66956	39.972	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	150845	37.723	ng	90
20) 3+4-Methylphenols	8.82	107	221148	42.605	ng	97
22) Acetophenone	8.88	105	276577	44.883	ng	# 97
24) Nitrobenzene	9.27	77	214009	45.887	ng	96
25) Isophorone	9.79	82	416193	48.440	ng	97
26) 2-Nitrophenol	9.98	139	92144	49.858	ng	96
27) 2,4-Dimethylphenol	10.03	122	182194	53.248	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	239753	45.467	ng	96
29) 2,4-Dichlorophenol	10.51	162	193184	51.517	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	196721	44.844	ng	99
31) Naphthalene	10.92	128	563091	48.002	ng	100
32) Benzoic acid	10.16	122	111512	44.336	ng	95
33) 4-Chloroaniline	11.02	127	15006	2.792	ng	# 89
34) Hexachlorobutadiene	11.20	225	131056	44.465	ng	98
35) Caprolactam	11.79	113	66126m	44.266	ng	
36) 4-Chloro-3-methylphenol	12.13	107	214304	49.184	ng	98
37) 2-Methylnaphthalene	12.52	142	433505	50.505	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	250034	44.832	ng	99
40) Hexachlorocyclopentadiene	12.86	237	298609	102.905	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036511.D
 Acq On : 31 Aug 2018 18:29
 Operator : JU/SJ
 Sample : J4270-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

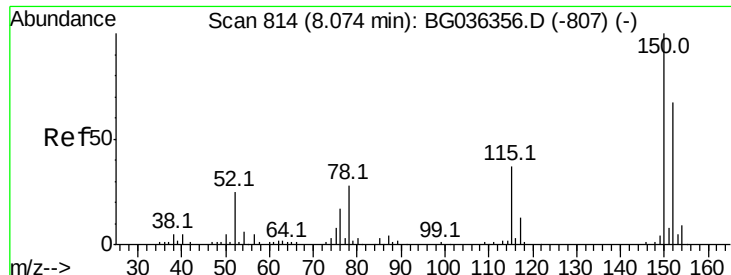
Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

Quant Time: Sep 01 01:19:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166592	49.036	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	183306	50.587	ng	97
45) 1,1'-Biphenyl	13.52	154	562778	43.020	ng	99
46) 2-Chloronaphthalene	13.57	162	435217	43.579	ng	99
47) 2-Nitroaniline	13.76	65	151953	48.454	ng	93
48) Acenaphthylene	14.41	152	748787	47.975	ng	99
49) Dimethylphthalate	14.14	163	603563	46.902	ng	100
50) 2,6-Dinitrotoluene	14.25	165	132546	50.055	ng	95
51) Acenaphthene	14.75	154	442910	44.309	ng	99
52) 3-Nitroaniline	14.58	138	31944	11.194	ng	93
53) 2,4-Dinitrophenol	14.79	184	122516	122.149	ng	93
54) Dibenzofuran	15.08	168	703326	44.912	ng	98
55) 4-Nitrophenol	14.89	139	211682	90.727	ng	98
56) 2,4-Dinitrotoluene	15.04	165	187408	54.303	ng	91
57) Fluorene	15.73	166	574128	49.041	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	185672	54.537	ng	95
59) Diethylphthalate	15.50	149	594785	45.863	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	322293	44.583	ng	99
61) 4-Nitroaniline	15.75	138	135789	45.474	ng	95
62) Azobenzene	16.02	77	563318	42.690	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	93387	51.242	ng	94
65) n-Nitrosodiphenylamine	15.94	169	527834	42.818	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	216097	44.488	ng	99
67) Hexachlorobenzene	16.73	284	218820	44.056	ng	97
68) Atrazine	16.88	200	185147	40.014	ng	98
69) Pentachlorophenol	17.07	266	282382	83.653	ng	97
70) Phenanthrene	17.47	178	994290	47.165	ng	98
71) Anthracene	17.56	178	998947	47.537	ng	98
72) Carbazole	17.83	167	922533	43.958	ng	99
73) Di-n-butylphthalate	18.39	149	1033806	44.236	ng	99
74) Fluoranthene	19.48	202	1236466	48.107	ng	99
76) Benzidine	19.66	184	56147	4.095	ng	97
77) Pyrene	19.83	202	1226845	46.428	ng	98
79) Butylbenzylphthalate	20.72	149	488682	46.469	ng	94
80) Benzo(a)anthracene	21.67	228	1245670	47.850	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	150875	14.542	ng	98
82) Chrysene	21.74	228	1151372	46.661	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	674001	45.801	ng	100
84) Di-n-octyl phthalate	22.80	149	1135158	46.182	ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1295947	45.218	ng	99
87) Benzo(b)fluoranthene	23.89	252	1271704	50.959	ng	96
88) Benzo(k)fluoranthene	23.96	252	1170028	47.990	ng	98
89) Benzo(a)pyrene	24.76	252	1197541	49.938	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1035523	44.729	ng	97
91) Benzo(g,h,i)perylene	29.70	276	1022173	43.937	ng	97

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



#1

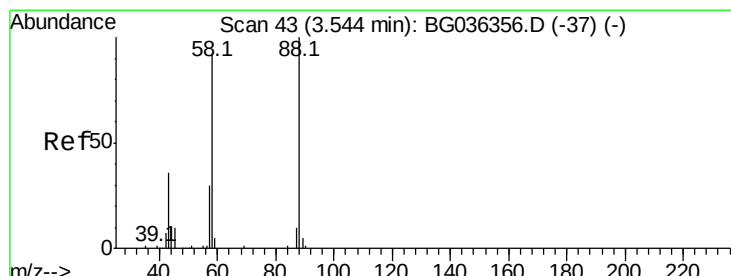
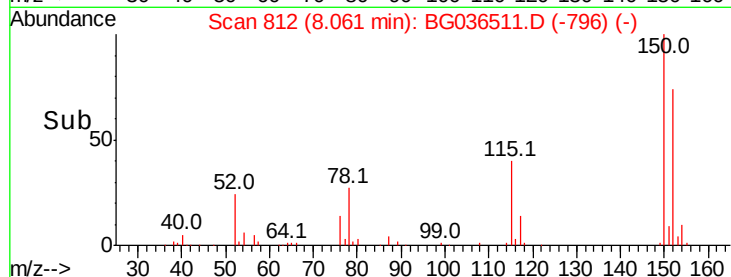
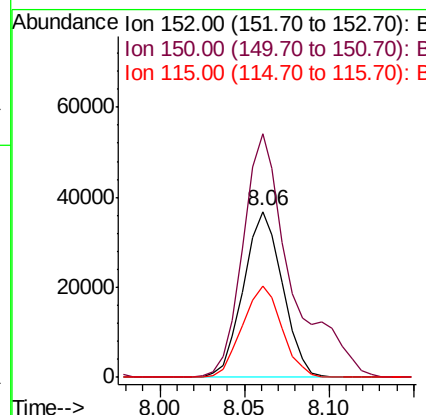
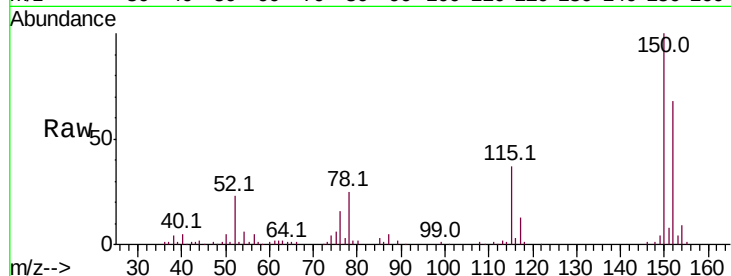
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.5	179.3
115	54.7	44.5	66.7

Manual Integrations
APPROVED

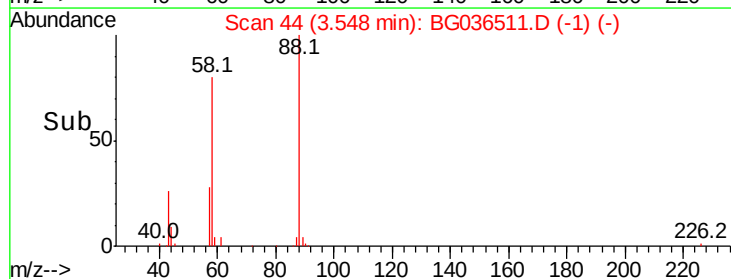
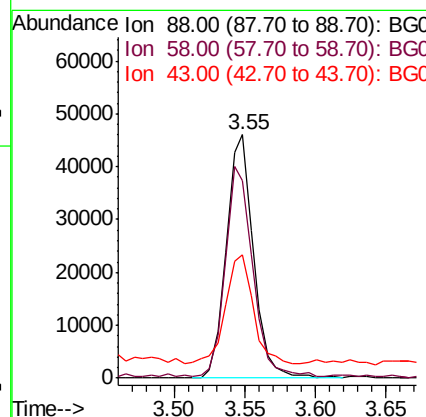
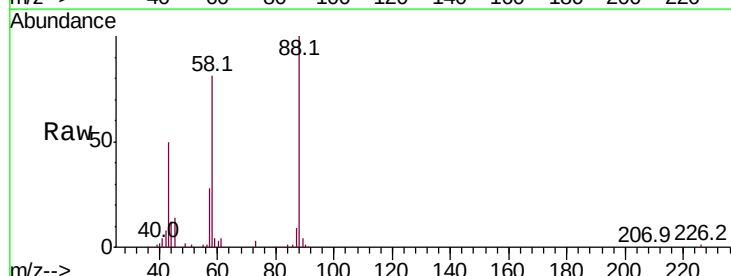
Sohil
9/4/2018 4:39:28 PM

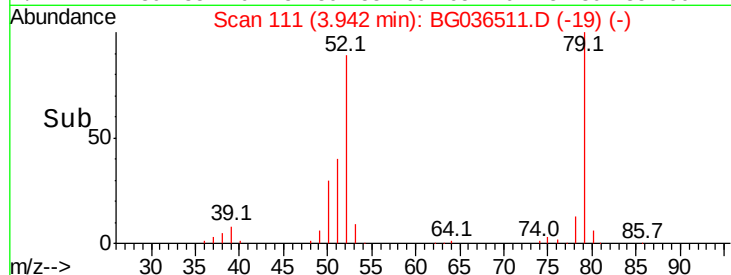
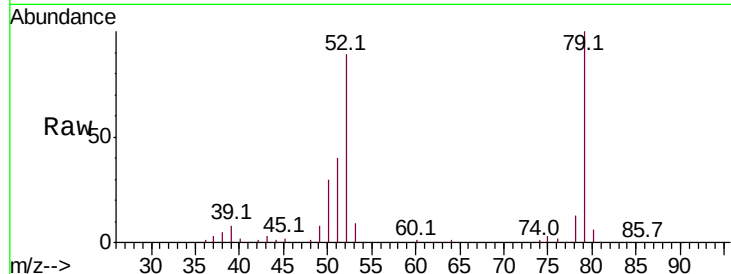
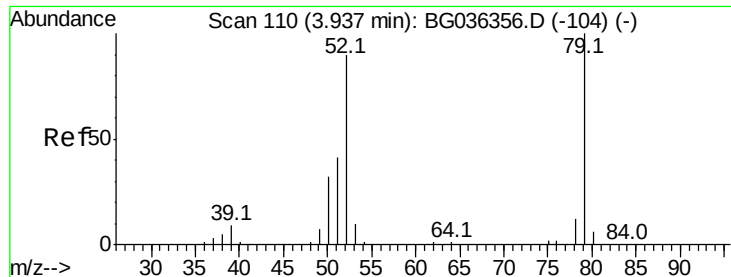


#2

1,4-Dioxane
Concen: 35.061 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	72.6	109.0
43	45.3	29.0	43.4#





#3

Pvridine

Concen: 31.827 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tot Ion:	79	Resp:	155805
Ion Ratio	Lower	Upper	
79	100		
52	89.3	72.3	108.5
51	40.1	33.8	50.6

Instrument :

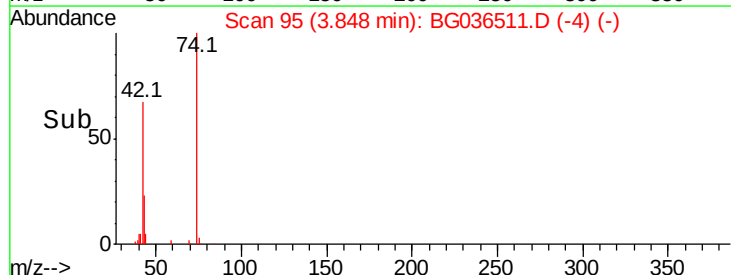
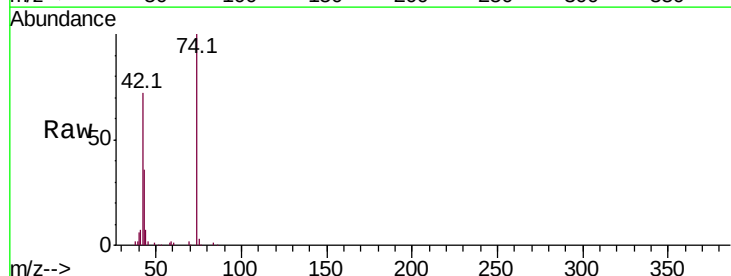
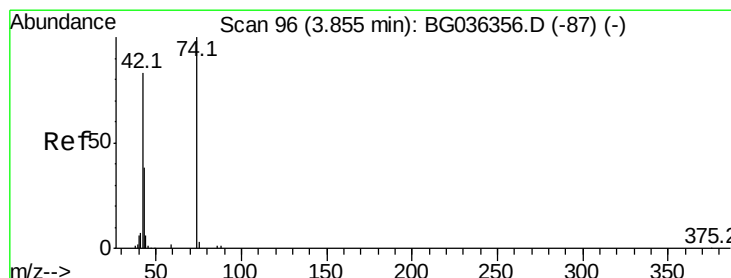
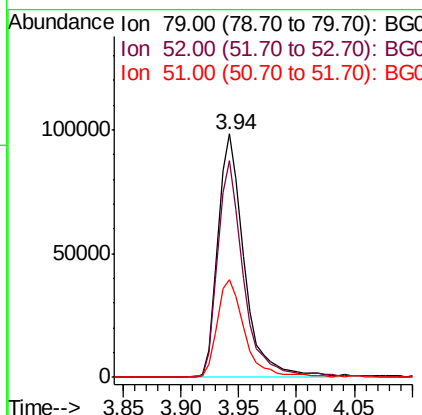
BNA_G

ClientSampleId :

BU-02-083018MSD

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#4

n-Nitrosodimethylamine

Concen: 38.936 ng

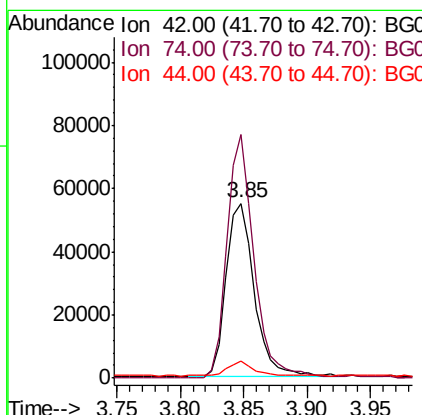
RT: 3.85 min Scan# 95

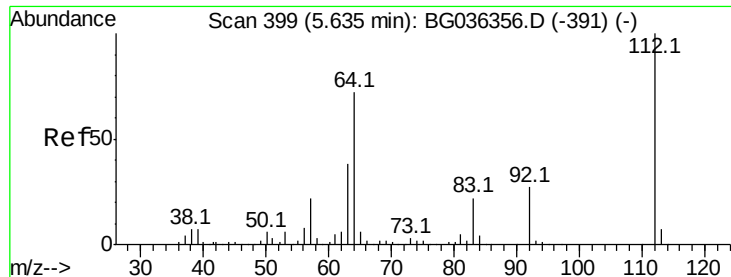
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	42	Resp:	84896
Ion Ratio	Lower	Upper	
42	100		
74	139.5	96.6	145.0
44	9.4	7.0	10.4





#5

2-Fluorophenol

Concen: 111.197 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

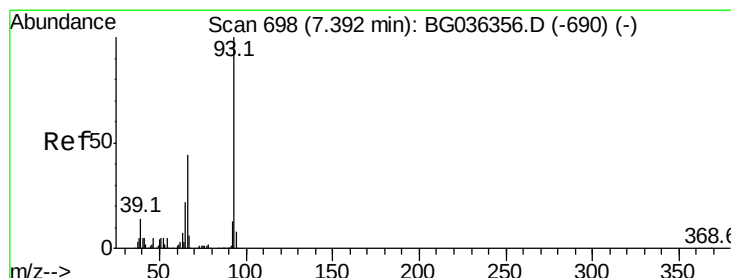
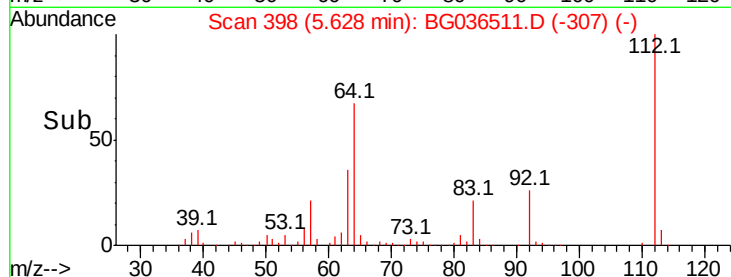
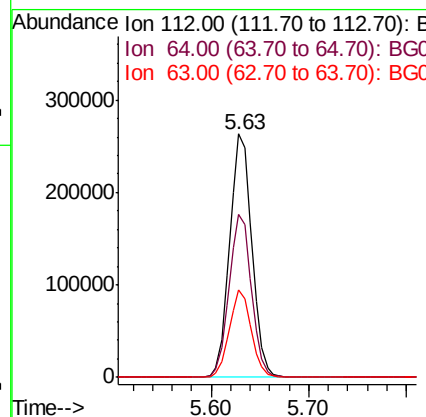
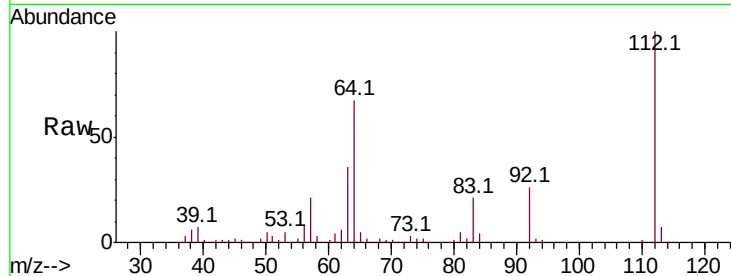
ClientSampleId :

BU-02-083018MSD

Tot Ion:	112	Resp:	415545
Ion Ratio	Lower	Upper	
112	100		
64	67.2	57.2	85.8
63	35.9	30.8	46.2

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#6

Aniline

Concen: 14.305 ng

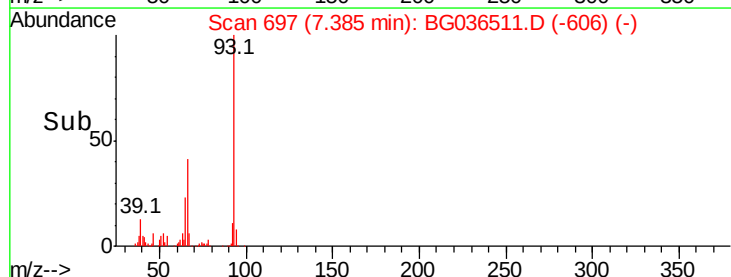
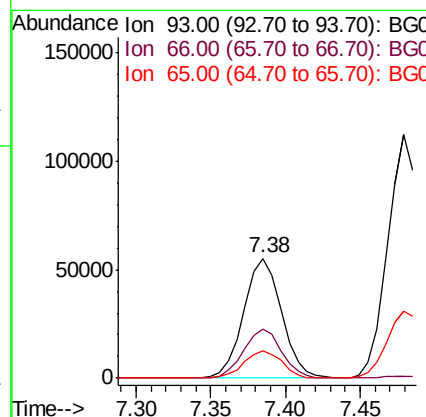
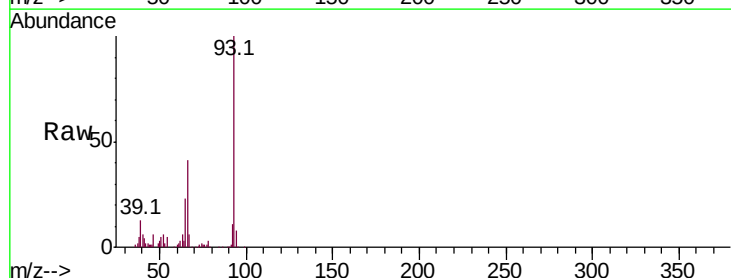
RT: 7.38 min Scan# 697

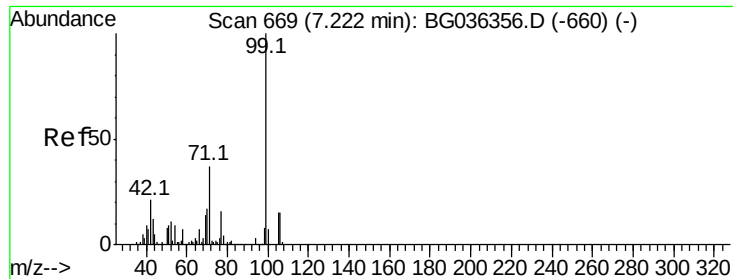
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	93	Resp:	97149
Ion Ratio	Lower	Upper	
93	100		
66	41.0	35.0	52.4
65	23.2	17.6	26.4





#7

Phenol-d6

Concen: 102.242 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

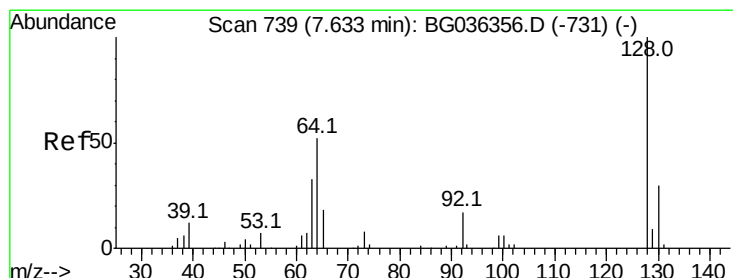
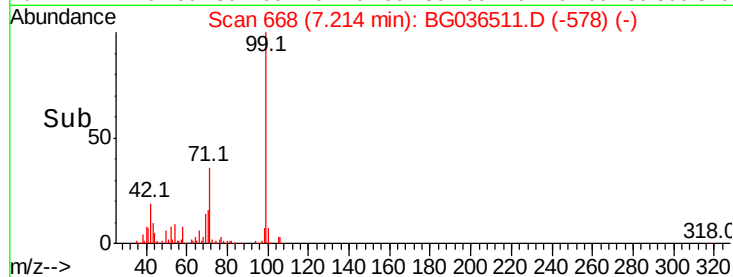
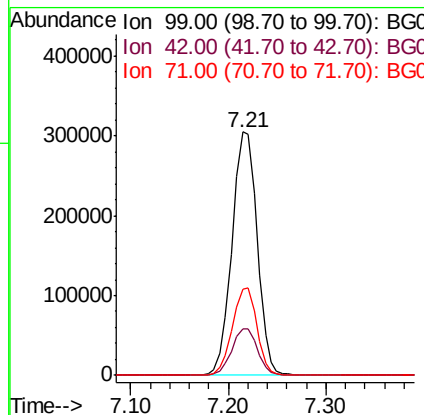
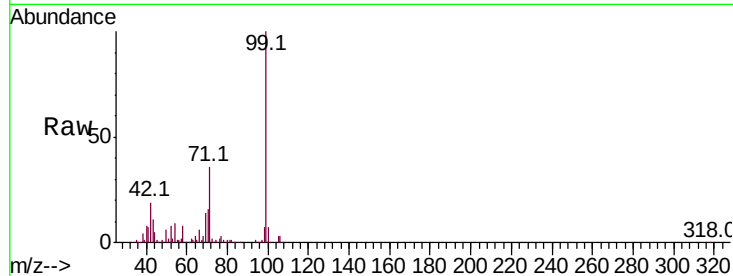
ClientSampleId :

BU-02-083018MSD

Tot Ion:	99	Resp:	547041
Ion Ratio	Lower	Upper	
99	100		
42	18.9	16.5	24.7
71	35.6	29.4	44.2

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#8

2-Chlorophenol

Concen: 43.150 ng

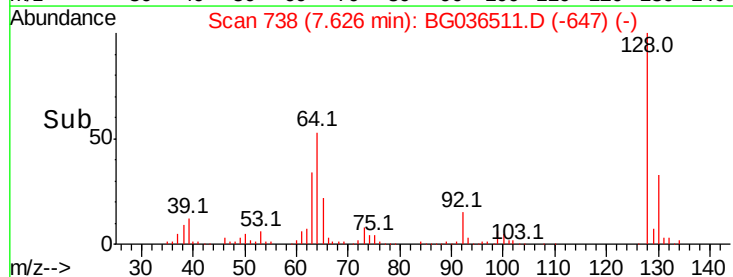
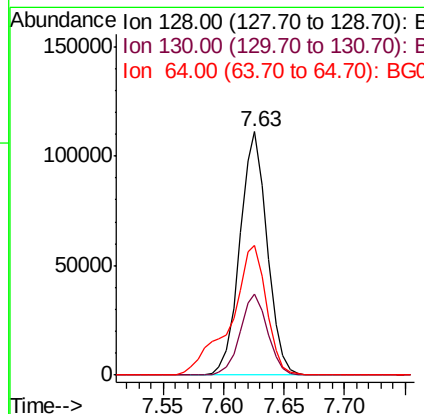
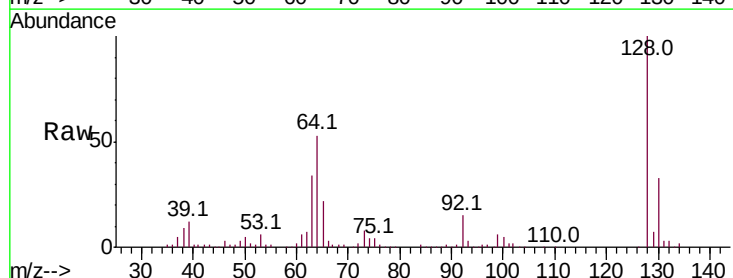
RT: 7.63 min Scan# 738

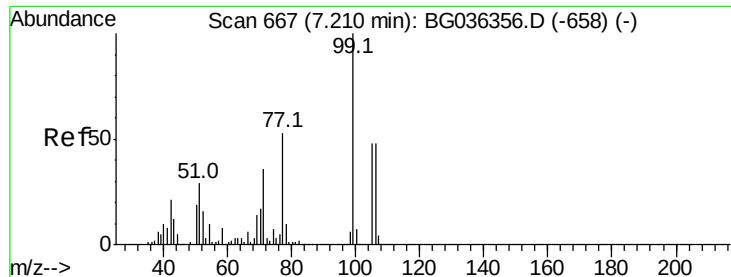
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	128	Resp:	174869
Ion Ratio	Lower	Upper	
128	100		
130	33.1	10.0	50.0
64	53.1	36.0	76.0





#9

Benzaldehyde

Concen: 21.258 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

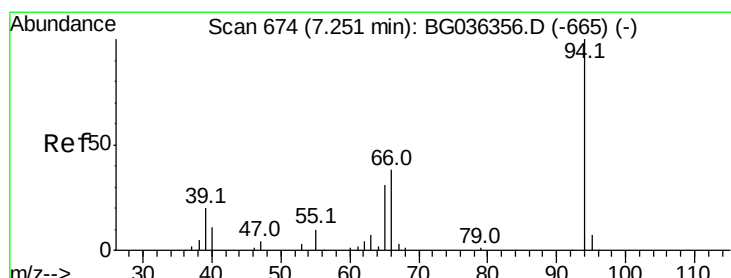
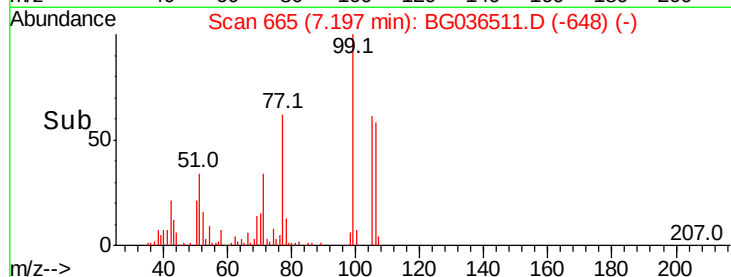
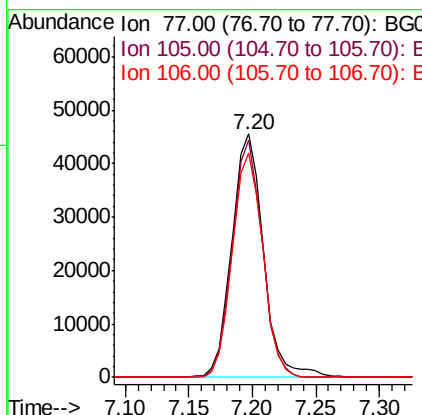
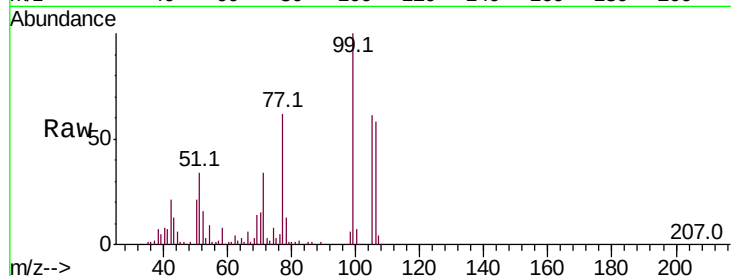
ClientSampleId :

BU-02-083018MSD

Tot Ion:	77	Resp:	78324
Ion Ratio	Lower	Upper	
77	100		
105	97.6	70.5	110.5
106	92.4	69.8	109.8

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#10

Phenol

Concen: 39.921 ng

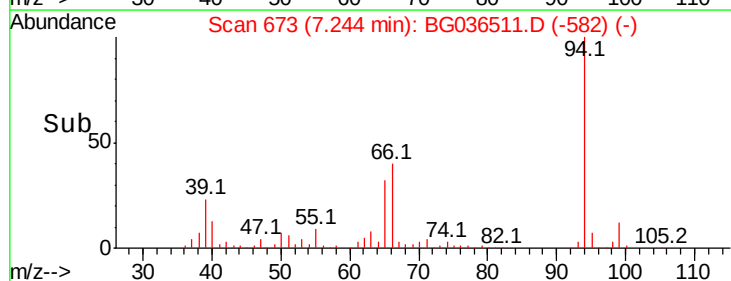
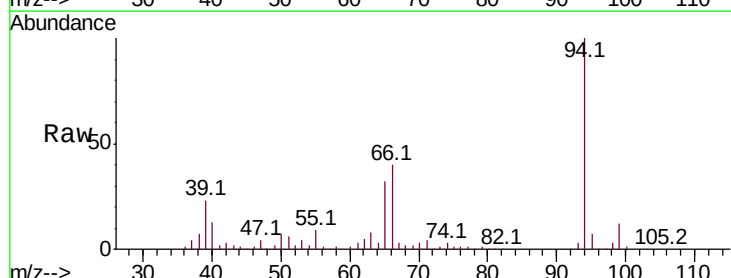
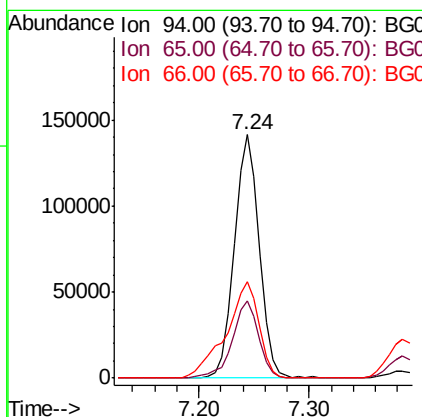
RT: 7.24 min Scan# 673

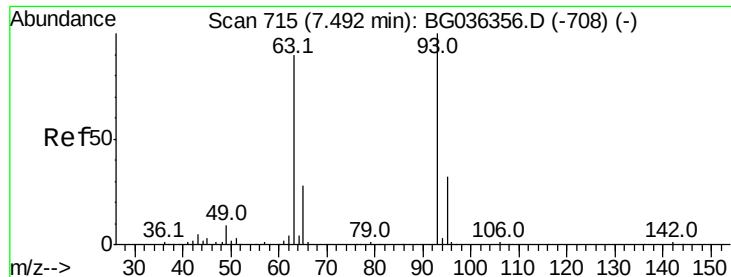
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	94	Resp:	223526
Ion Ratio	Lower	Upper	
94	100		
65	31.5	11.5	51.5
66	39.7	19.5	59.5





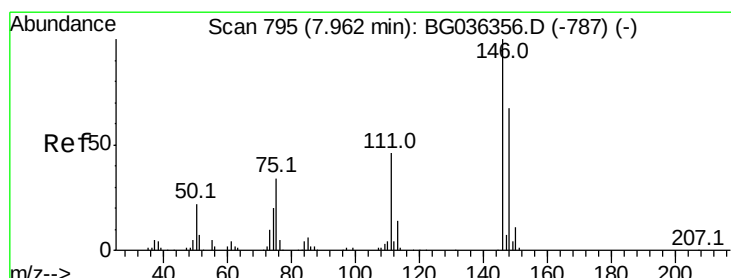
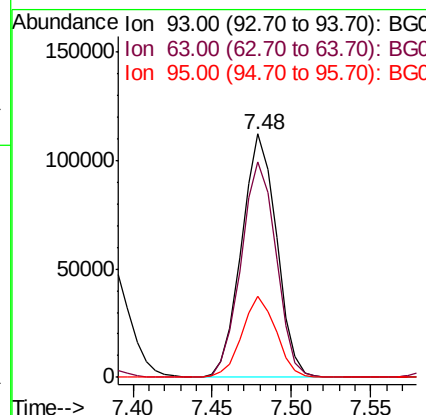
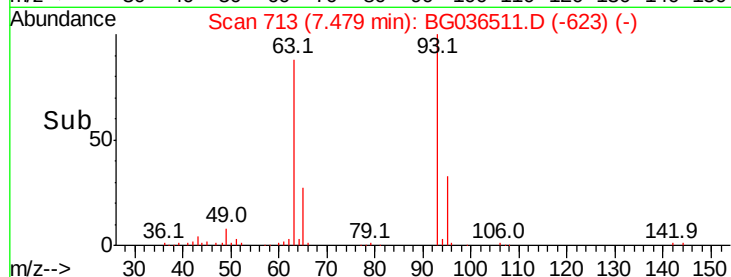
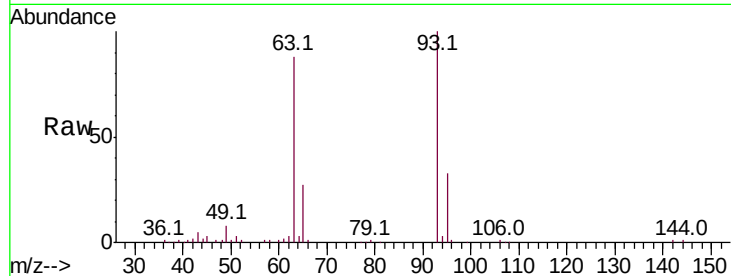
#11
bis(2-Chloroethyl)ether
Concen: 38.878 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	69.9	109.9
95	33.5	11.7	51.7

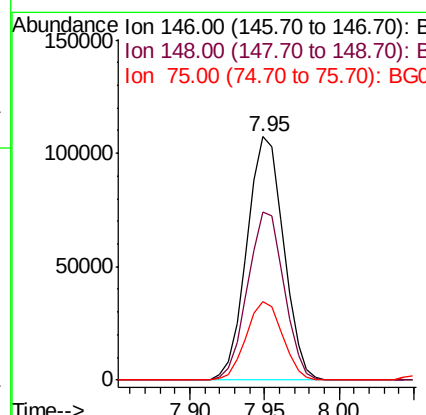
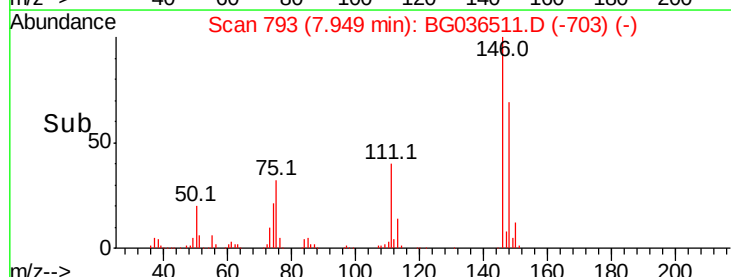
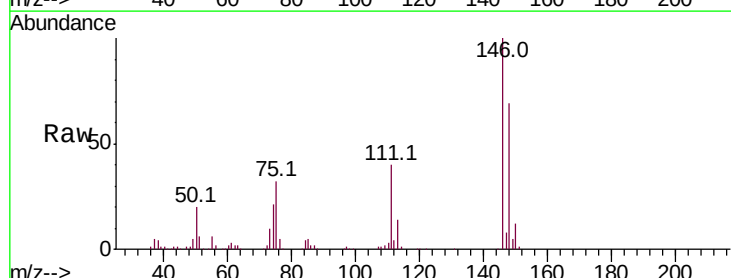
Manual Integrations
APPROVED

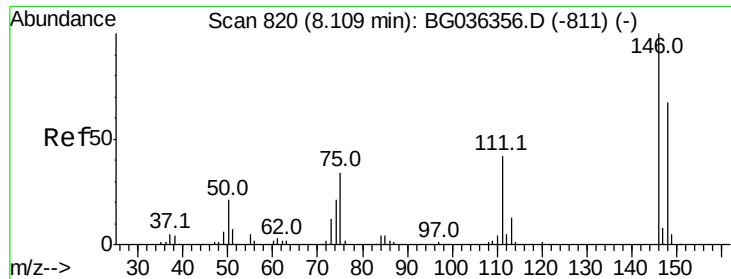
Sohil
9/4/2018 4:39:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.425 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.8	80.6
75	32.0	27.2	40.8





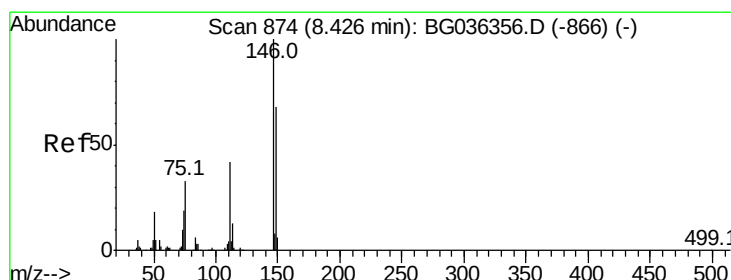
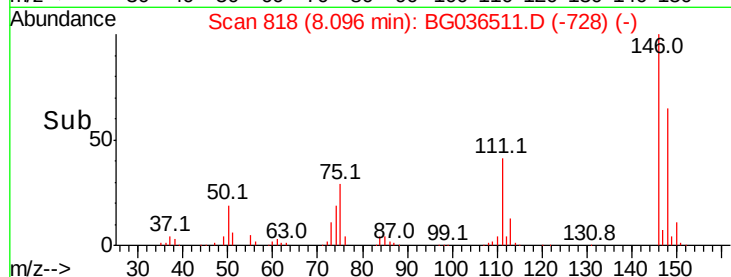
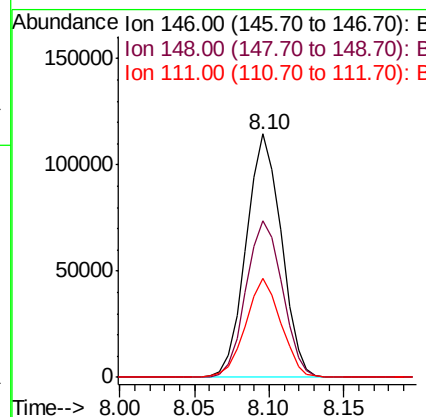
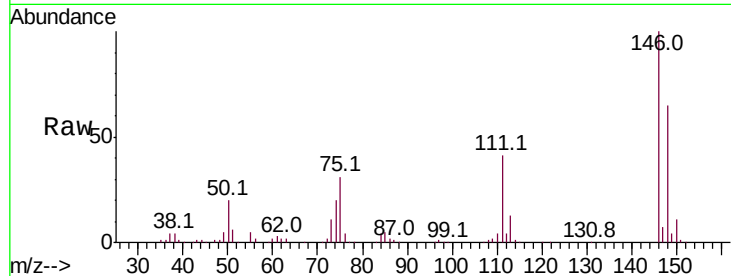
#13
 1,4-Dichlorobenzene
 Concen: 39.993 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.9	80.9
111	40.5	33.8	50.6

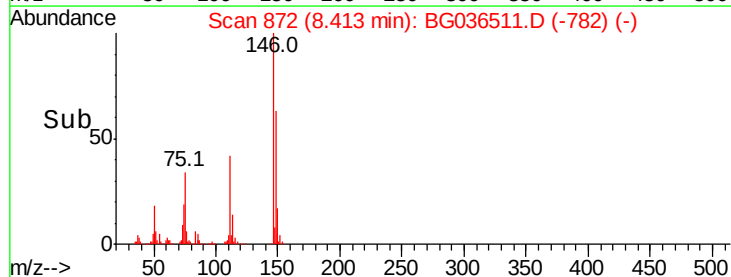
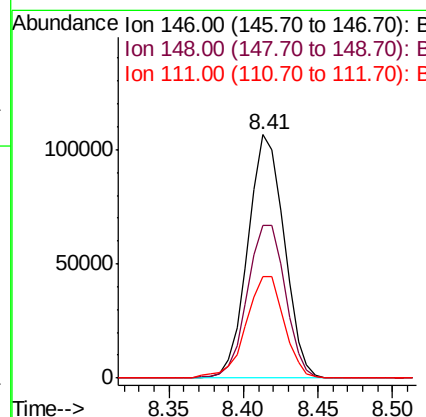
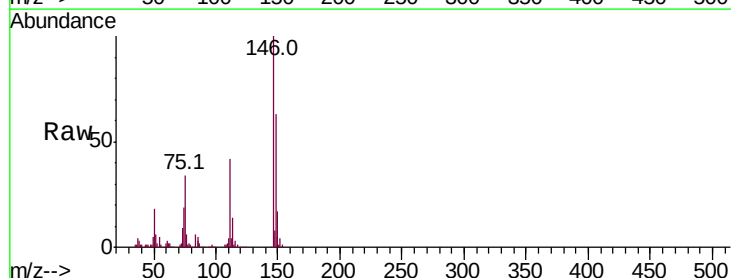
Manual Integrations
 APPROVED

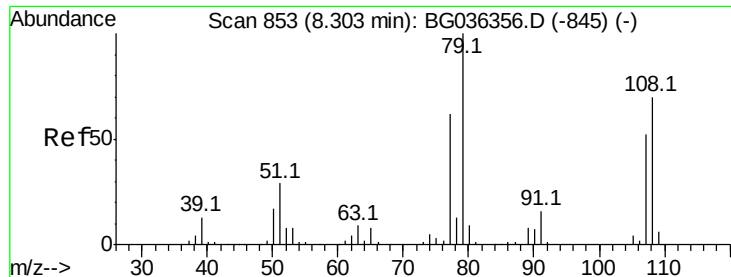
Sohil
 9/4/2018 4:39:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.132 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	55.0	82.6
111	41.7	34.6	51.8





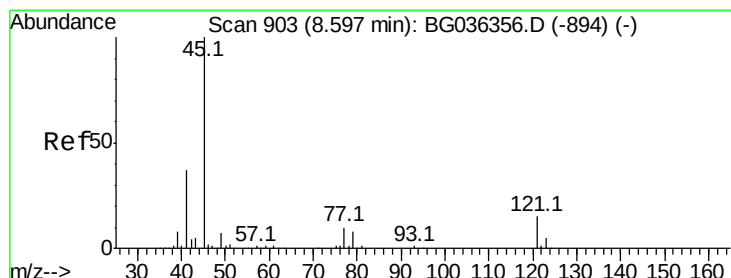
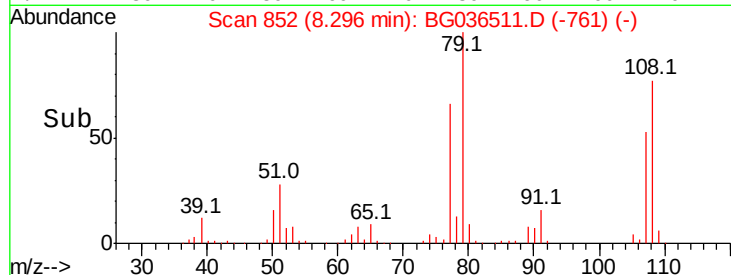
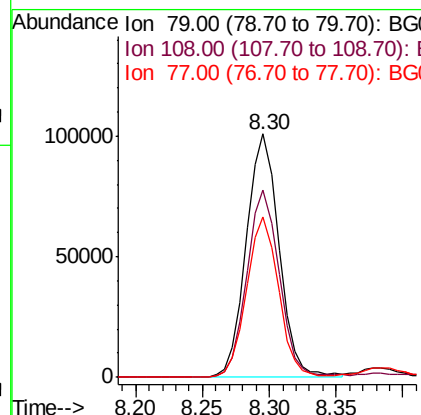
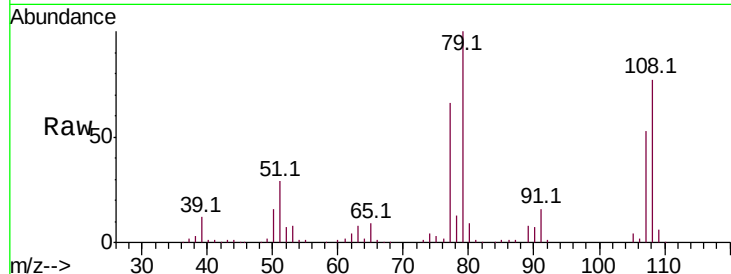
#15
Benzyl Alcohol
Concen: 39.661 ng
RT: 8.30 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	79	108	77
Ratio	100	77.0	65.8
Lower		55.9	50.0
Upper		83.9	75.0

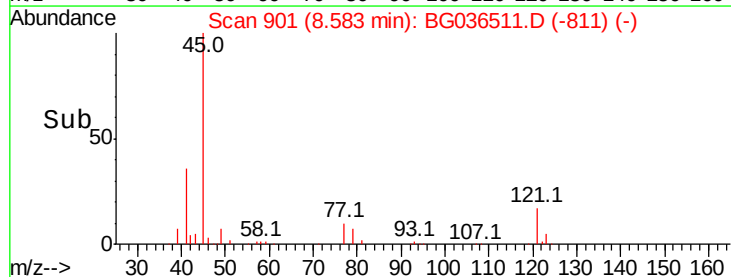
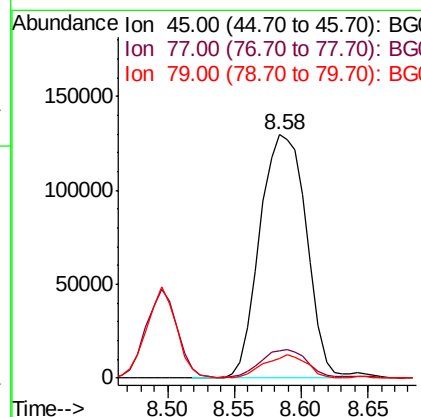
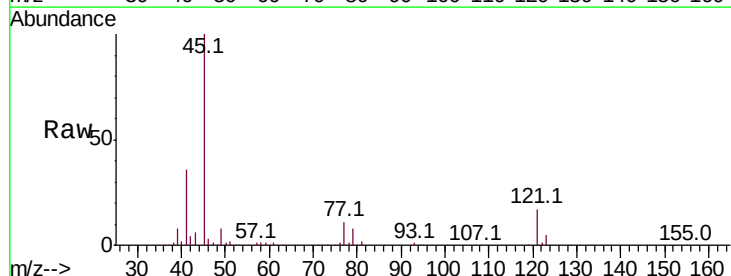
Manual Integrations
APPROVED

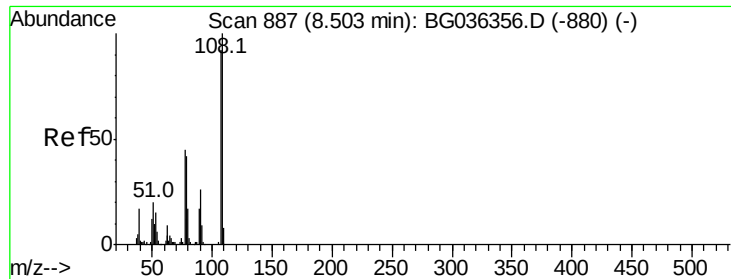
Sohil
9/4/2018 4:39:28 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.879 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	45	77	79
Ratio	100	11.5	7.9
Lower		0.0	0.0
Upper		30.5	27.9





#17

2-Methylphenol

Concen: 43.174 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

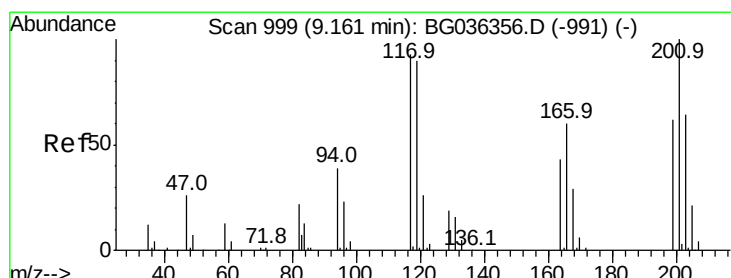
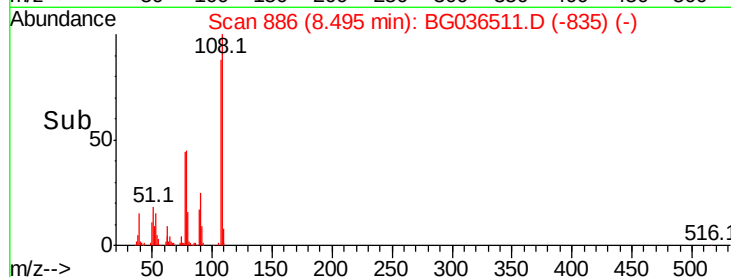
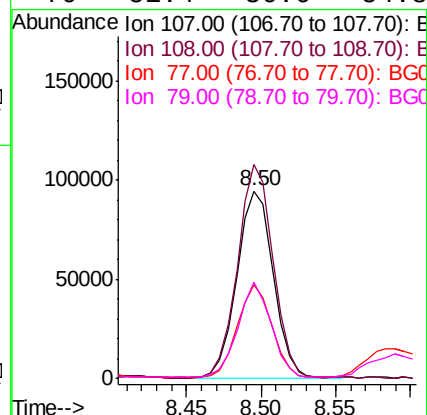
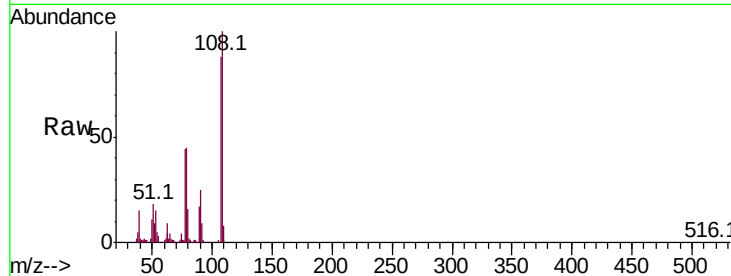
ClientSampleId :

BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	86.7	130.1	
77	50.0	39.0	58.4	
79	51.4	36.6	54.8	

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#18

Hexachloroethane

Concen: 39.972 ng

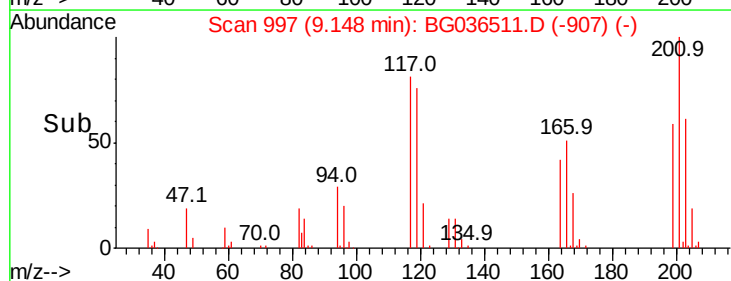
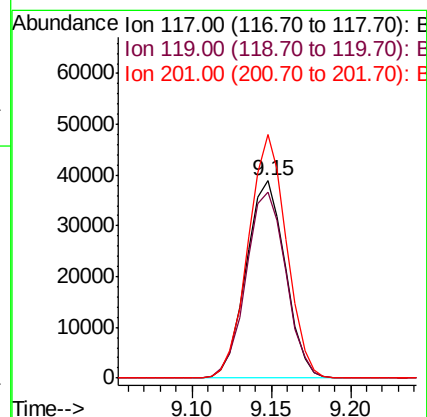
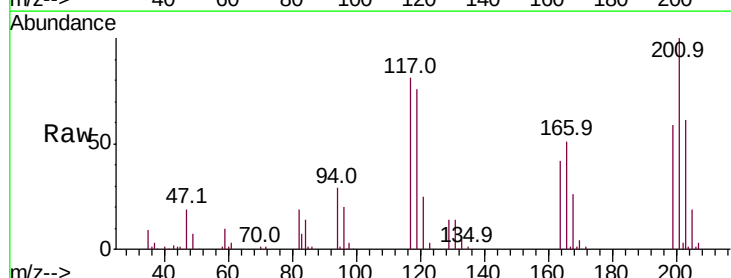
RT: 9.15 min Scan# 997

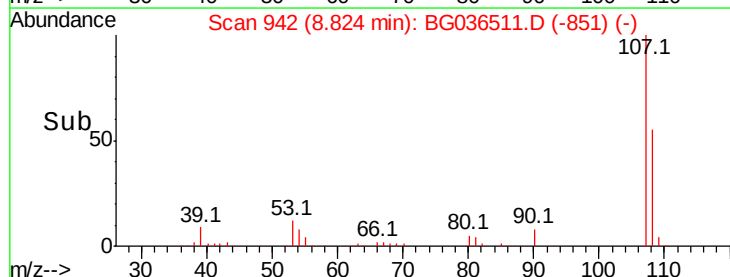
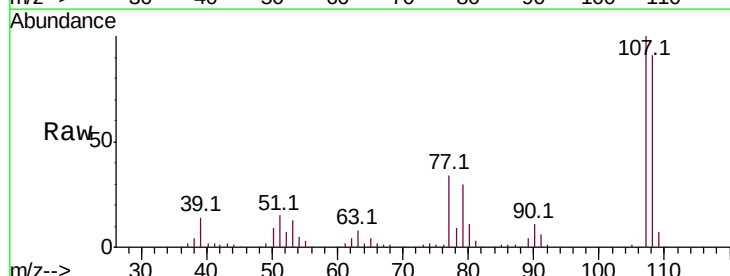
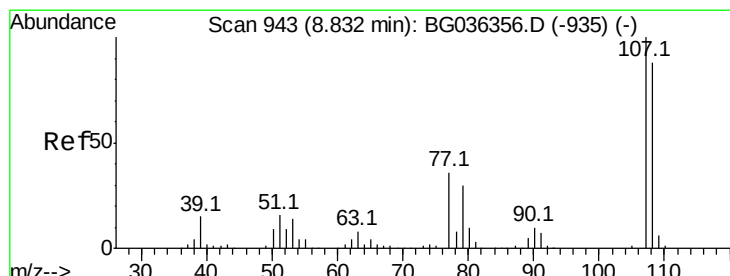
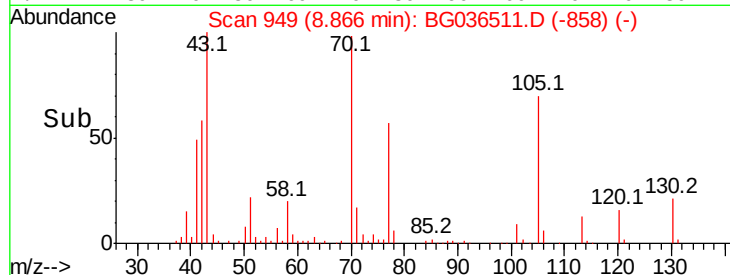
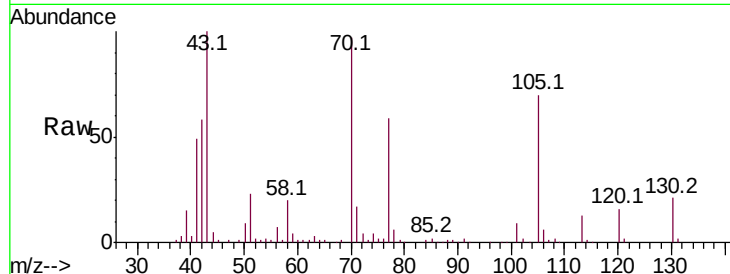
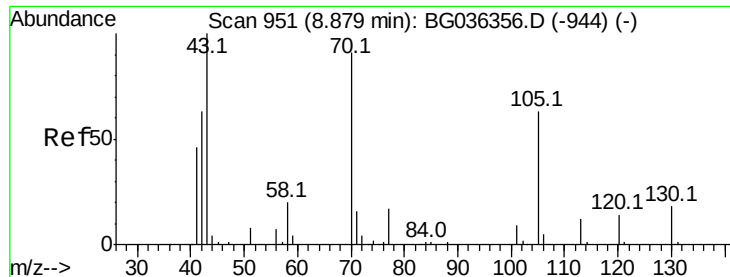
Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	76.8	115.2	
201	123.3	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 37.723 ng

RT: 8.87 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036511.D

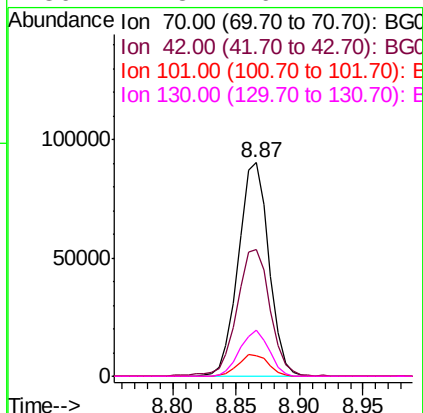
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.2	56.2	84.4		
101	9.3	7.8	11.6		
130	21.8	16.2	24.2		

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#20

3+4-Methylphenols

Concen: 42.605 ng

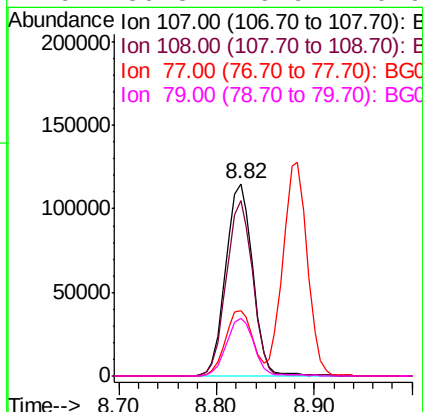
RT: 8.82 min Scan# 942

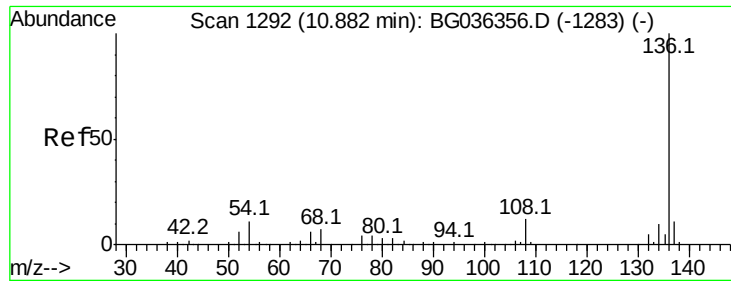
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	68.0	108.0		
77	34.2	15.6	55.6		
79	30.3	9.9	49.9		





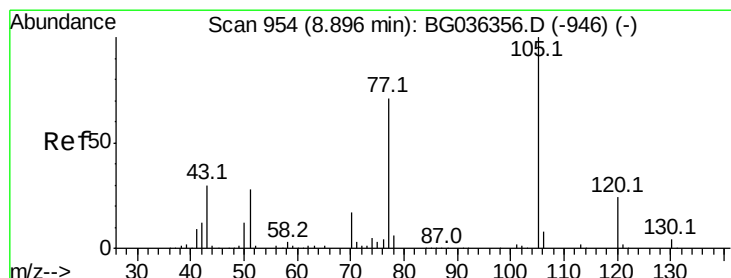
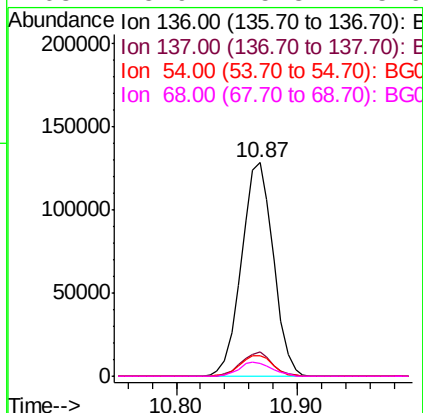
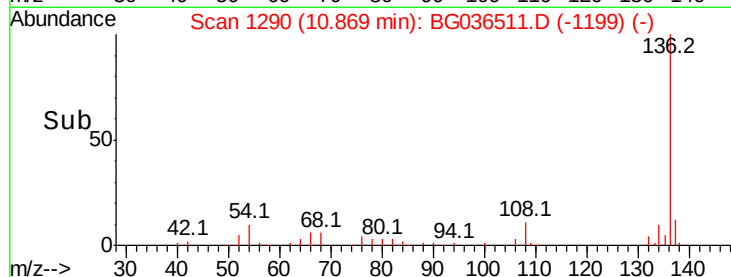
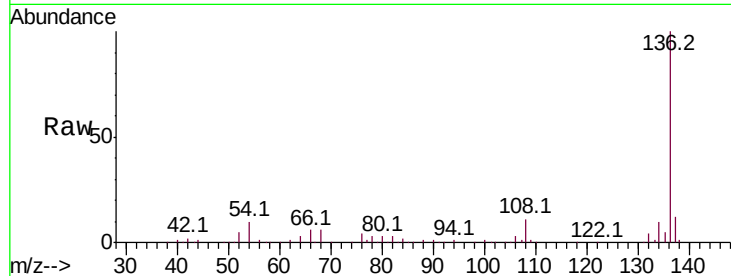
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	234664		
137	11.6	8.8	13.2	
54	9.9	9.2	13.8	
68	5.9	5.8	8.6	

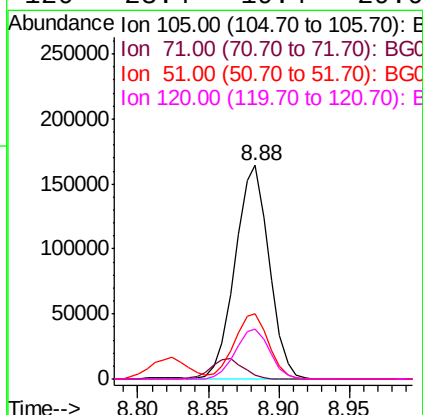
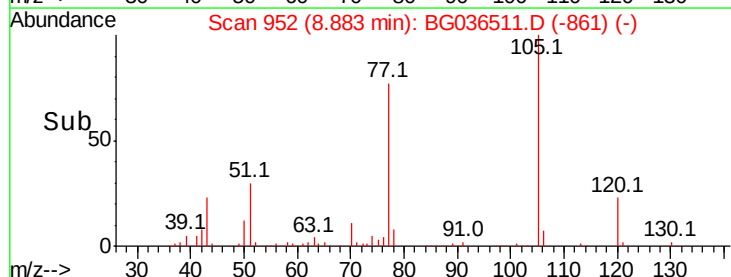
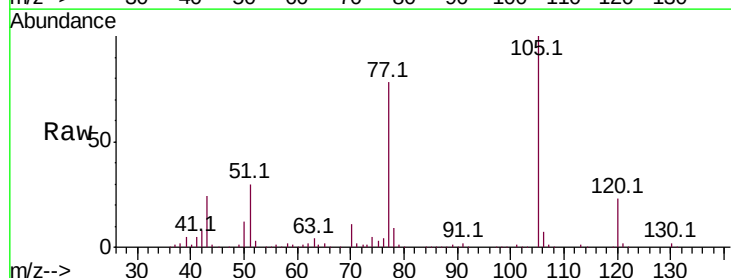
Manual Integrations
APPROVED

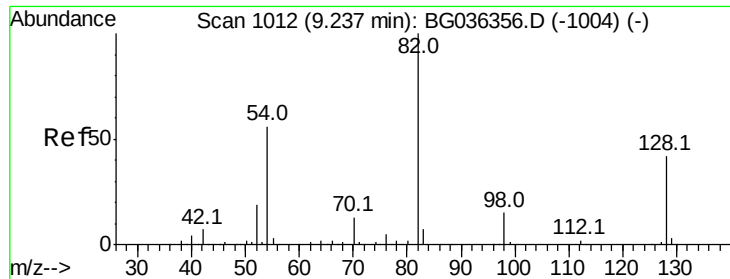
Sohil
9/4/2018 4:39:28 PM



#22
Acetophenone
Concen: 44.883 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276577		
71	2.1	2.4	3.6#	
51	30.4	25.9	38.9	
120	23.4	19.4	29.0	





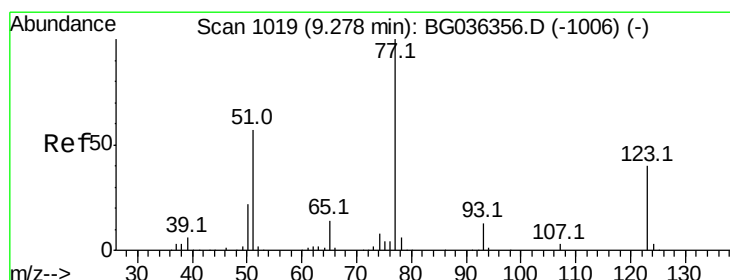
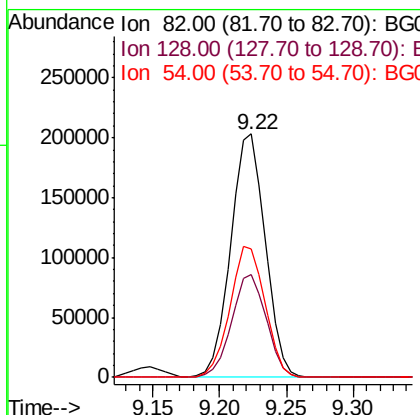
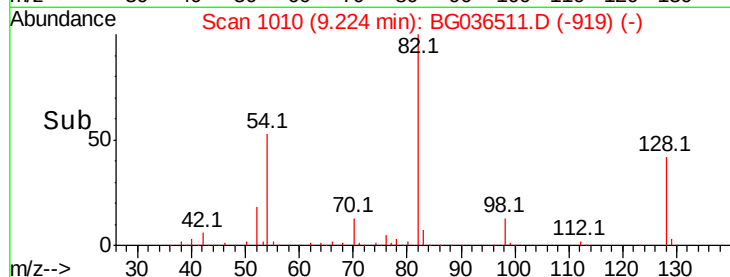
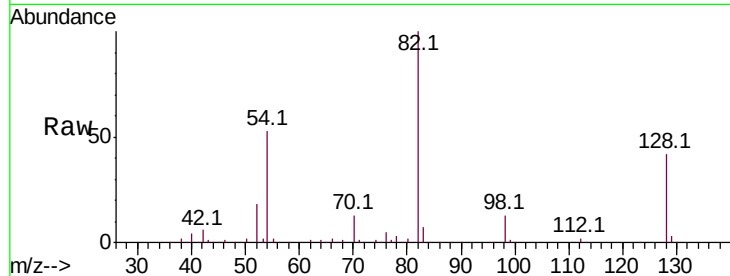
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	52.5	45.1	67.7

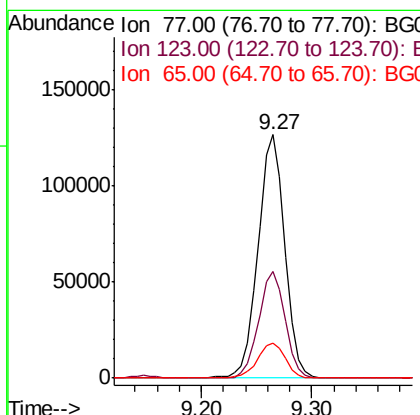
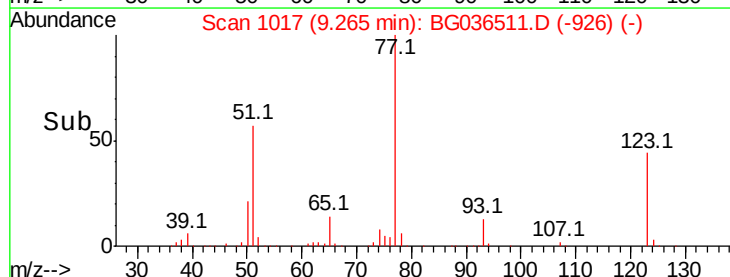
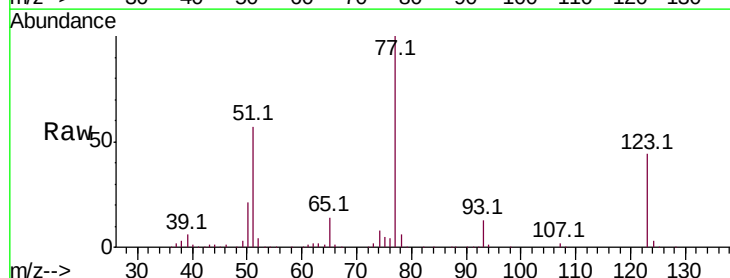
Manual Integrations
APPROVED

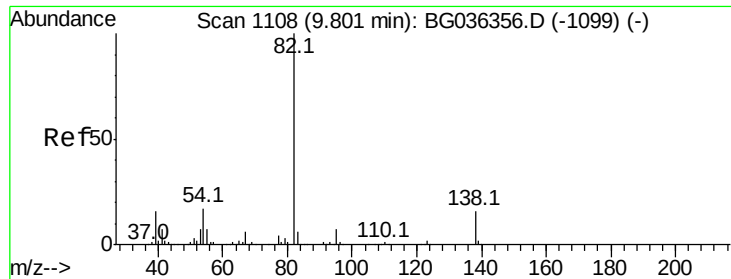
Sohil
9/4/2018 4:39:28 PM



#24
Nitrobenzene
Concen: 45.887 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	32.4	48.6
65	14.1	11.5	17.3





#25

Isophorone

Concen: 48.440 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

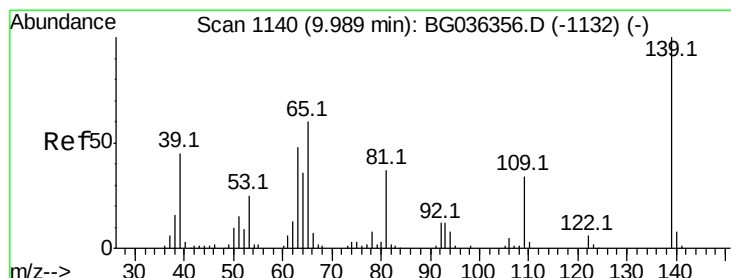
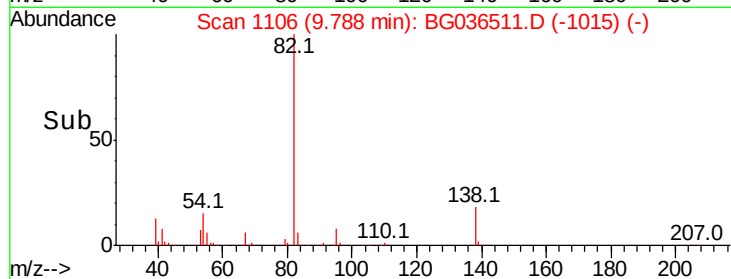
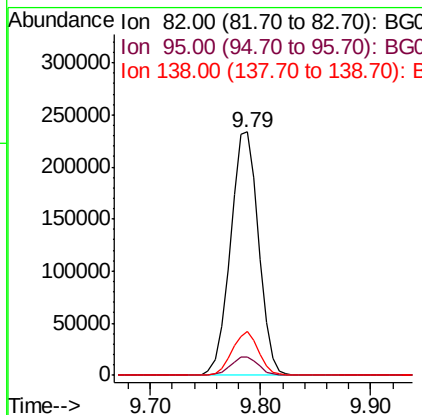
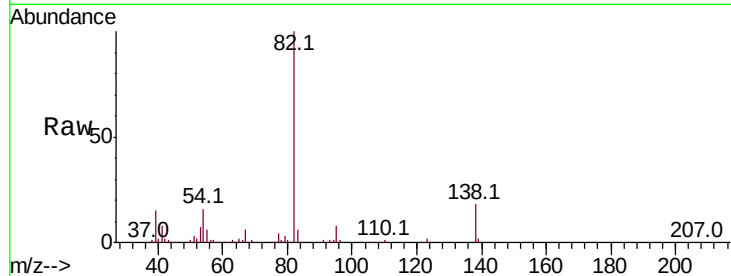
ClientSampleId :

BU-02-083018MSD

Tot Ion:	82	Resp:	416193
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.8
138	18.0	12.9	19.3

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#26

2-Nitrophenol

Concen: 49.858 ng

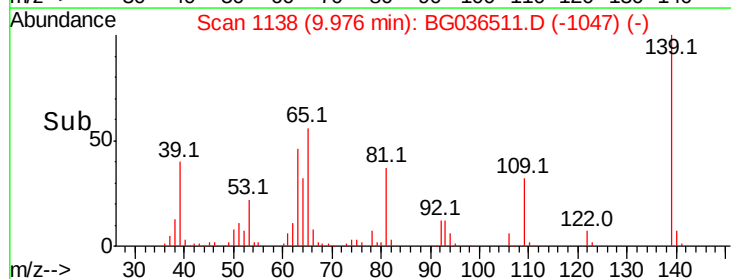
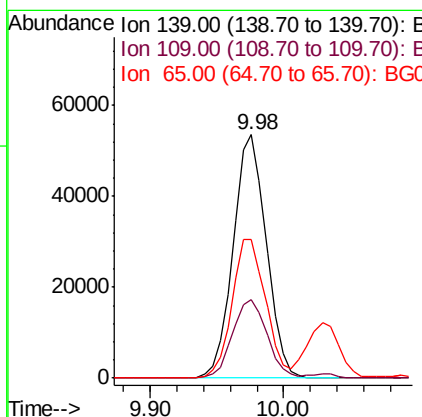
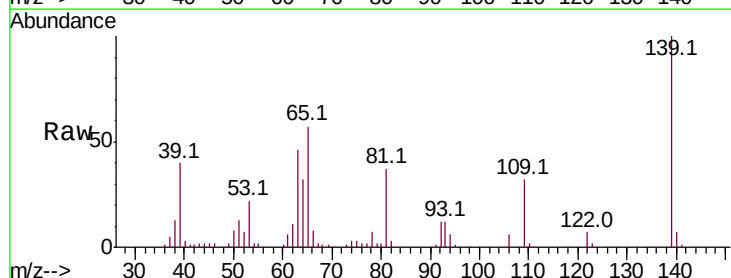
RT: 9.98 min Scan# 1138

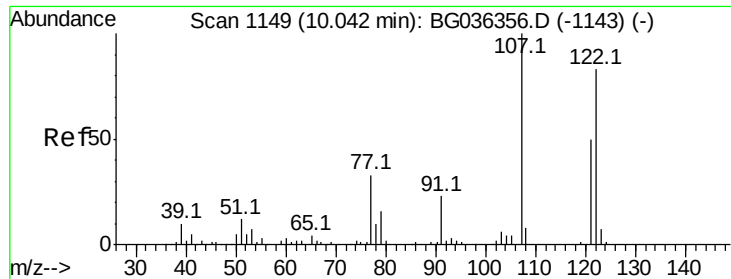
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	139	Resp:	92144
Ion Ratio	Lower	Upper	
139	100		
109	32.4	27.4	41.0
65	56.7	47.8	71.6





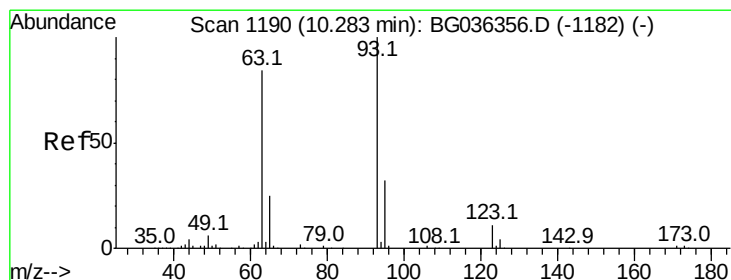
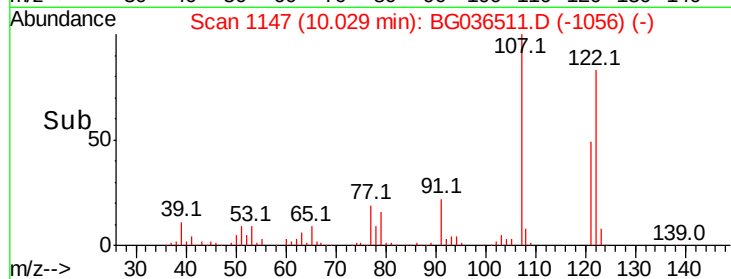
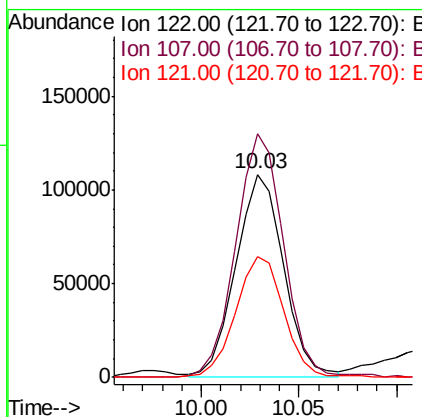
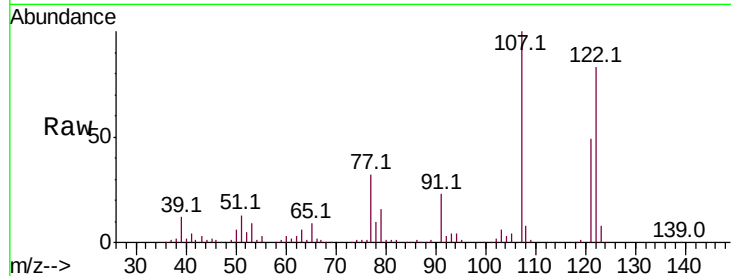
#27
 2,4-Dimethylphenol
 Concen: 53.248 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion:	122	Resp:	182194
Ion Ratio	Lower	Upper	
122	100		
107	119.9	96.0	144.0
121	59.2	48.2	72.4

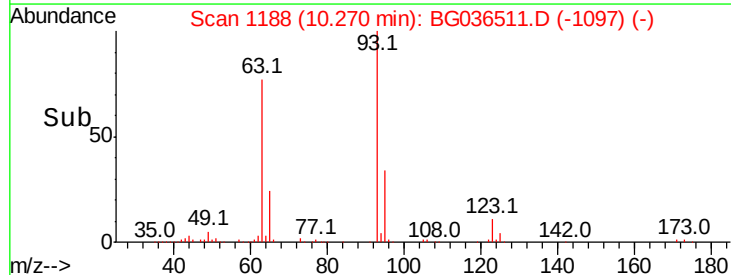
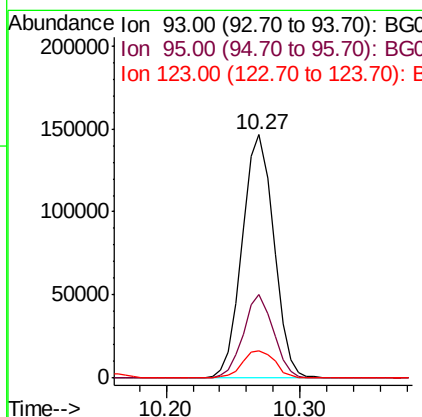
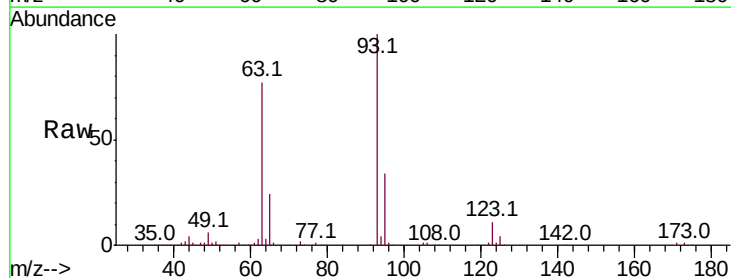
Manual Integrations
 APPROVED

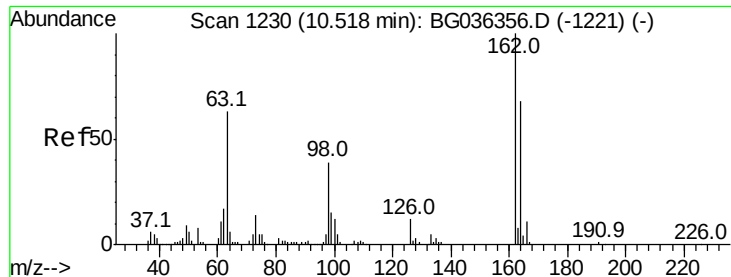
Sohil
 9/4/2018 4:39:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.467 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion:	93	Resp:	239753
Ion Ratio	Lower	Upper	
93	100		
95	34.1	25.2	37.8
123	11.5	8.6	12.8





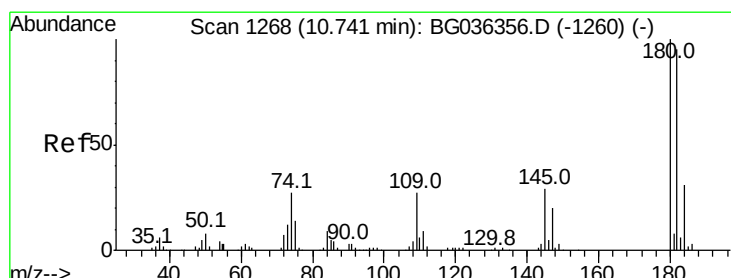
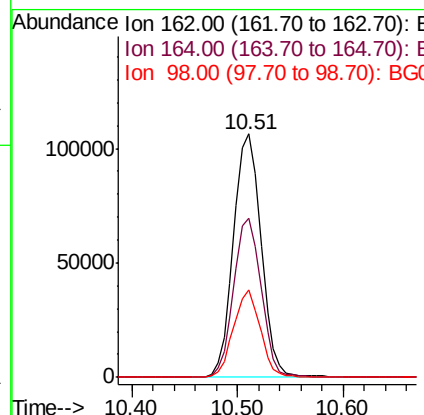
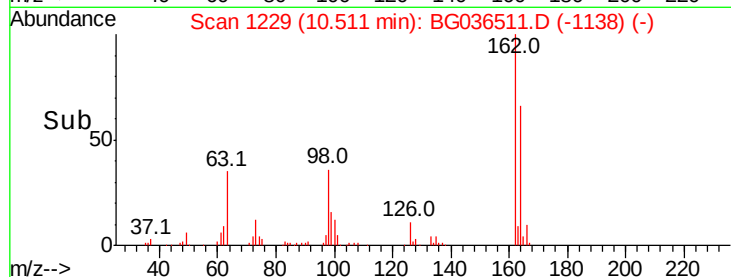
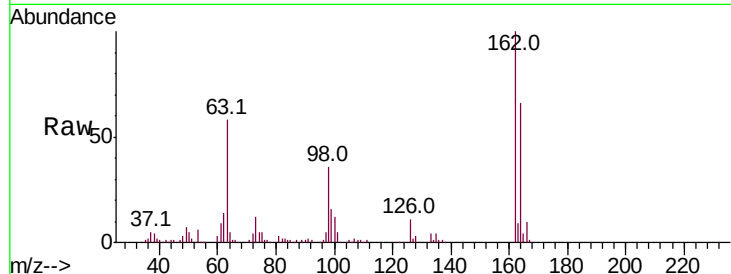
#29
 2,4-Dichlorophenol
 Concen: 51.517 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	47.6	87.6
98	35.8	19.2	59.2

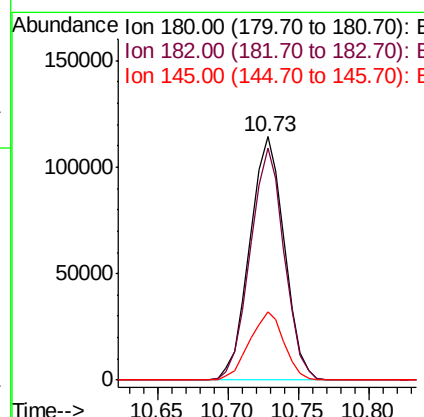
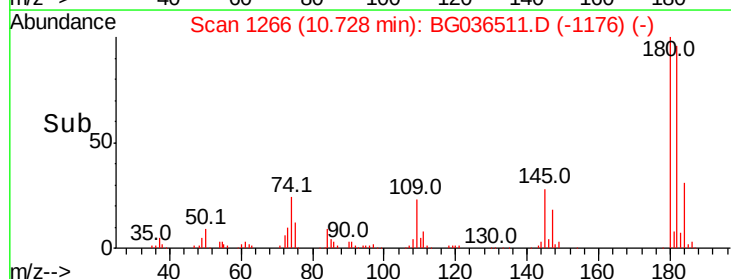
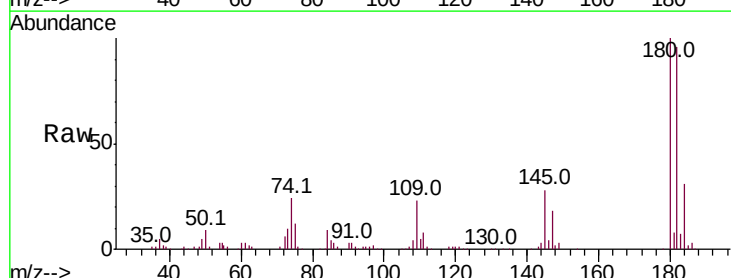
Manual Integrations
 APPROVED

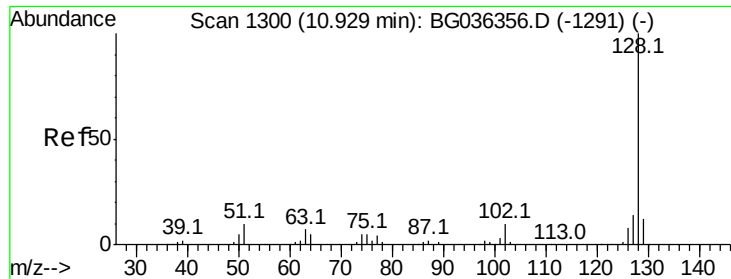
Sohil
 9/4/2018 4:39:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.844 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	27.9	22.9	34.3





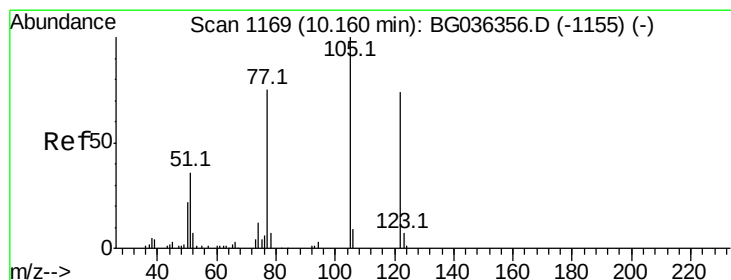
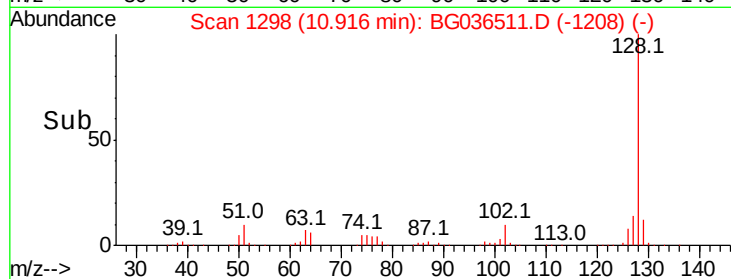
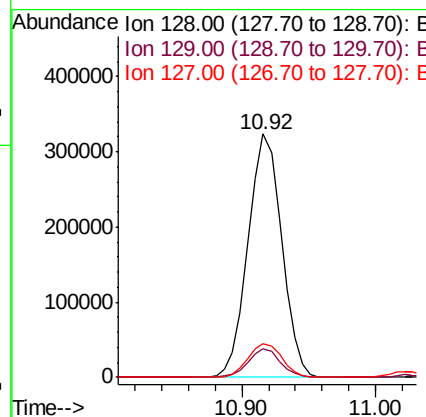
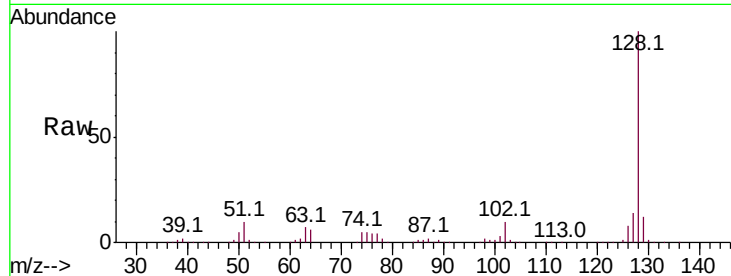
#31
Naphthalene
Concen: 48.002 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.7	11.0	16.4

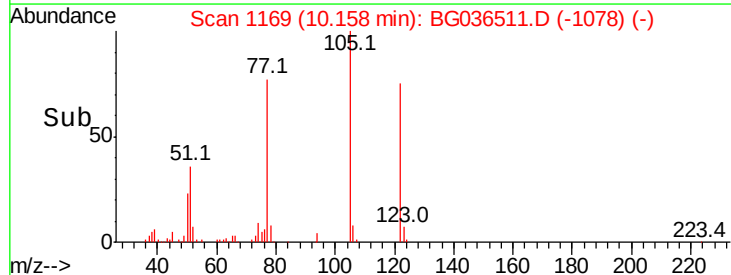
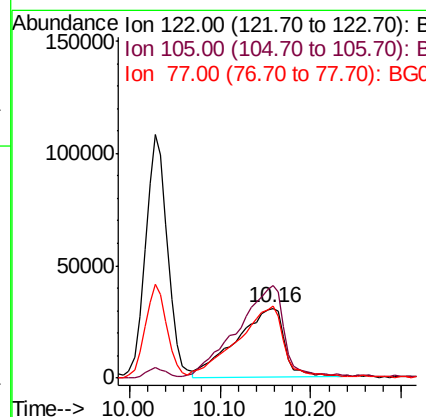
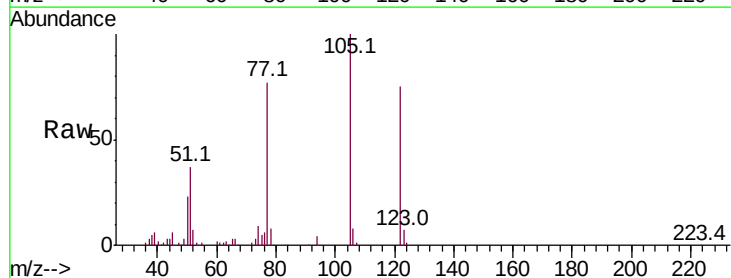
Manual Integrations
APPROVED

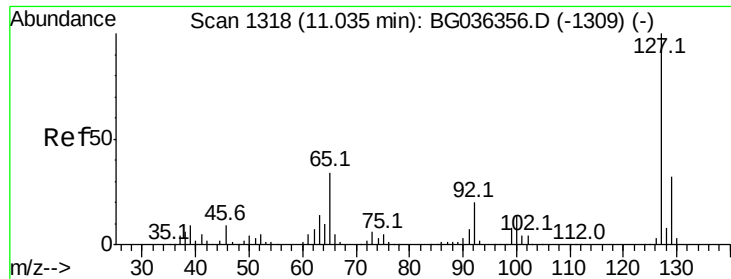
Sohil
9/4/2018 4:39:28 PM



#32
Benzoic acid
Concen: 44.336 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	108.1	148.1
77	102.7	76.3	116.3





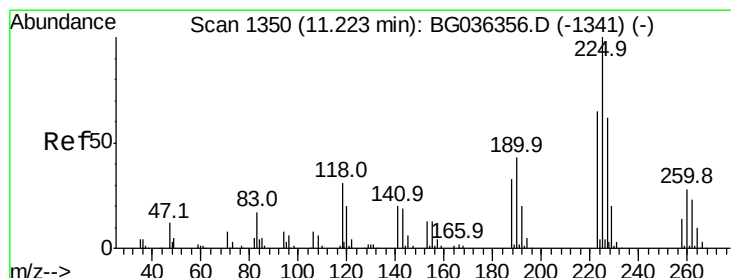
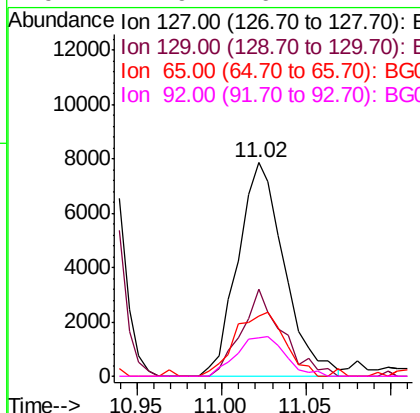
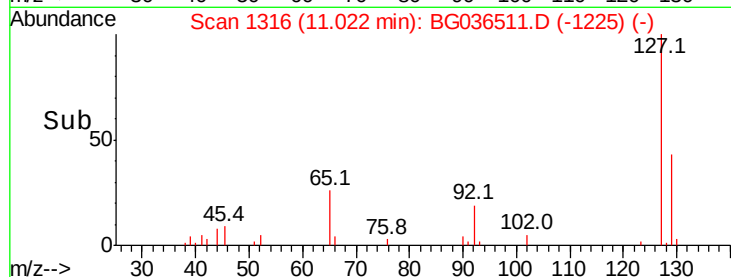
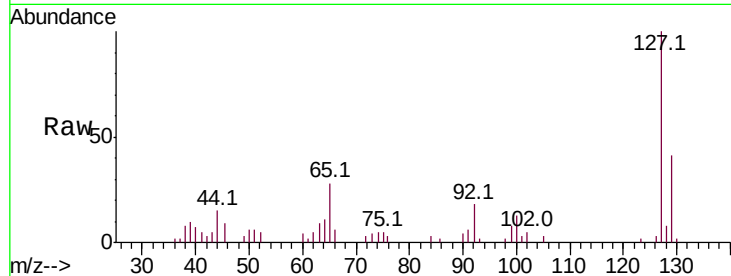
#33
4-Chloroaniline
Concen: 2.792 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	40.7	25.9	38.9#
65	28.4	27.5	41.3
92	17.9	16.2	24.2

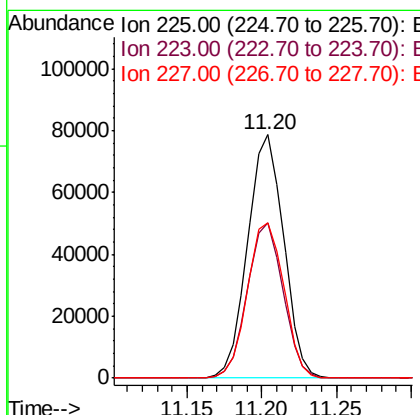
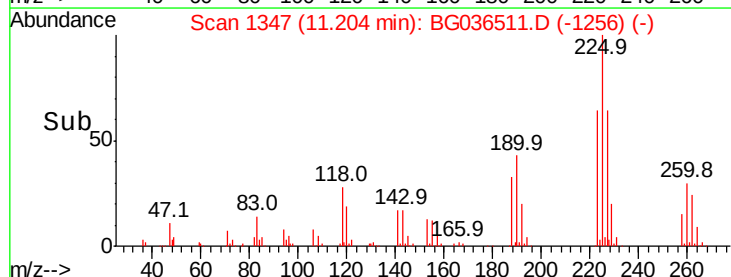
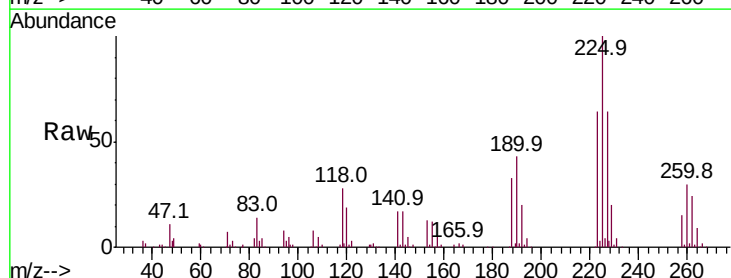
Manual Integrations
APPROVED

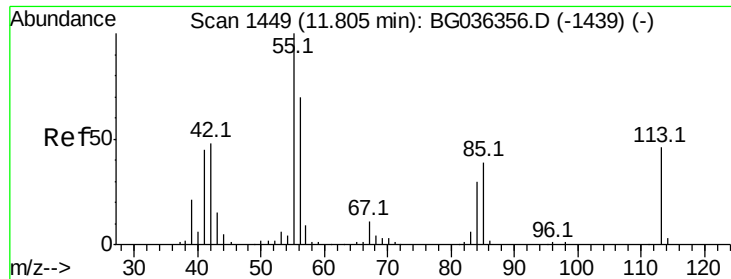
Sohil
9/4/2018 4:39:28 PM



#34
Hexachlorobutadiene
Concen: 44.465 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.8
227	63.6	49.8	74.6





#35

Caprolactam

Concen: 44.266 ng/mL

RT: 11.79 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleID :

BU-02-083018MSD

Tot Ion:113 Resp: 66126

Ion Ratio Lower Upper

113 100

55 207.7 197.7 237.7

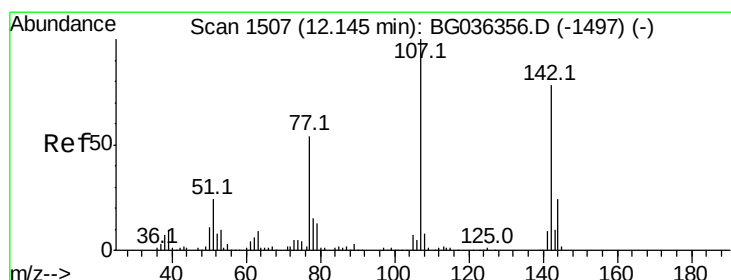
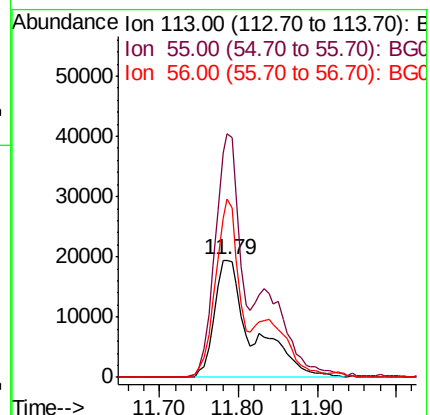
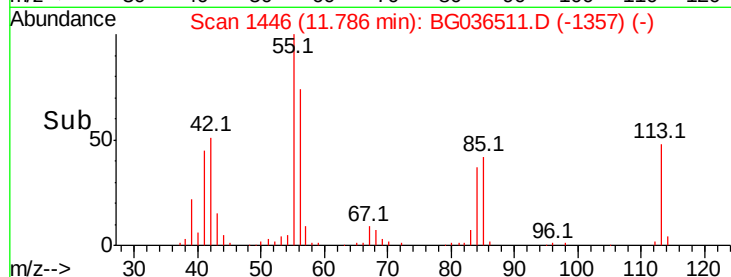
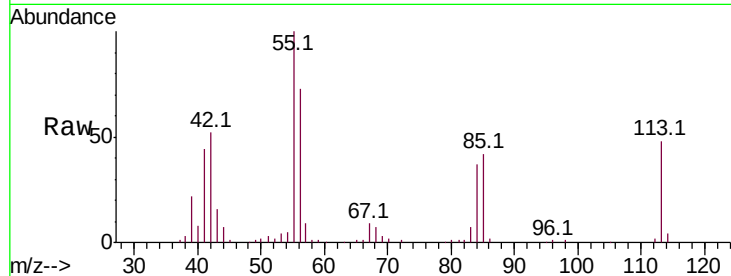
56 152.5 131.7 171.7

Manual Integrations

APPROVED

Sohil

9/4/2018 4:39:28 PM



#36

4-Chloro-3-methylphenol

Concen: 49.184 ng/mL

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

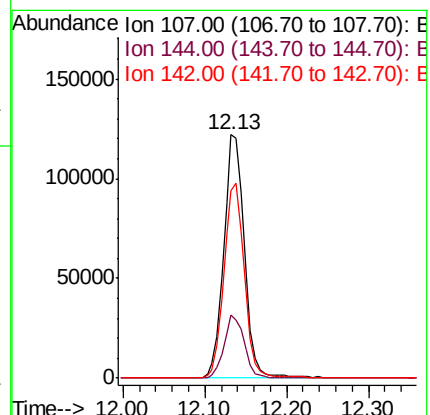
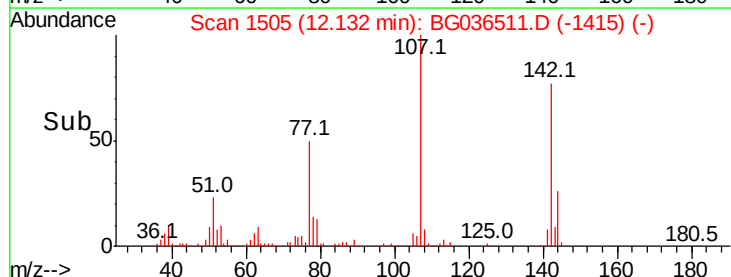
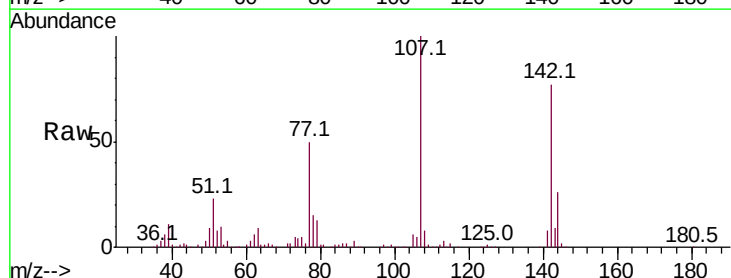
Tgt Ion:107 Resp: 214304

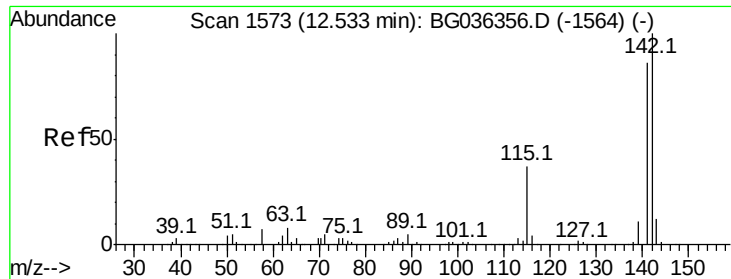
Ion Ratio Lower Upper

107 100

144 25.9 19.5 29.3

142 76.9 62.4 93.6





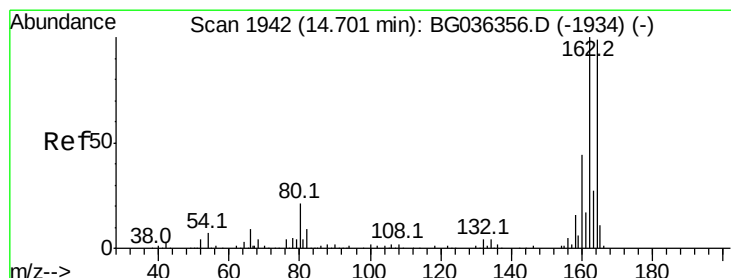
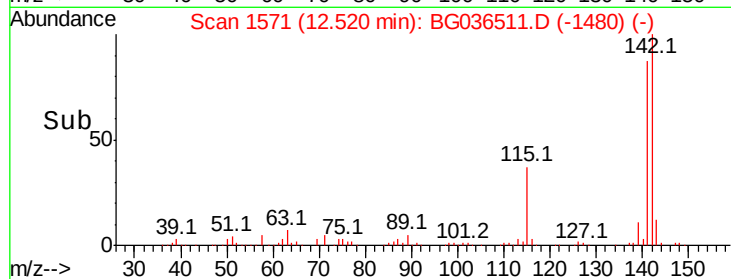
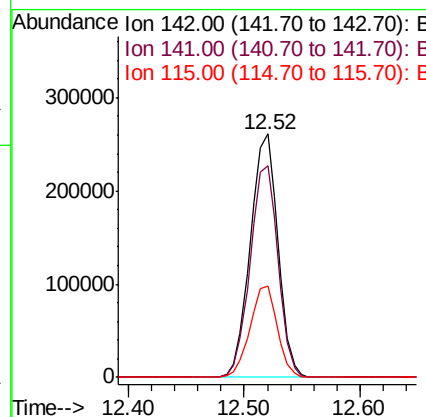
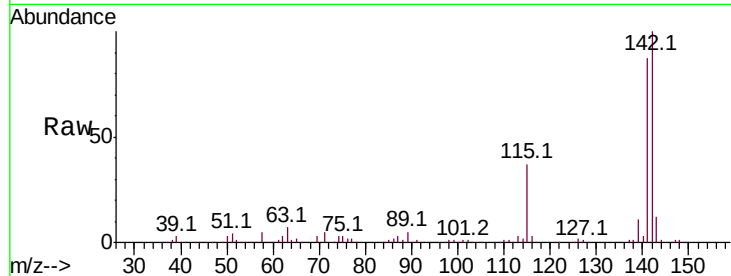
#37
2-Methylnaphthalene
Concen: 50.505 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	37.4	29.8	44.8

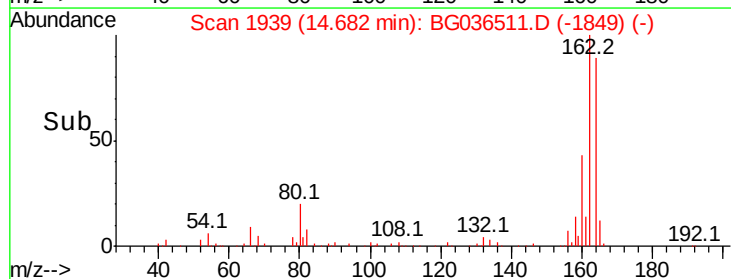
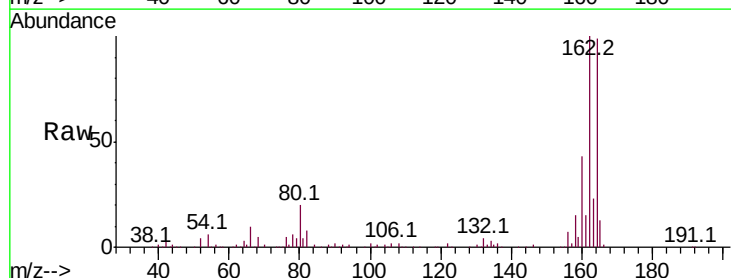
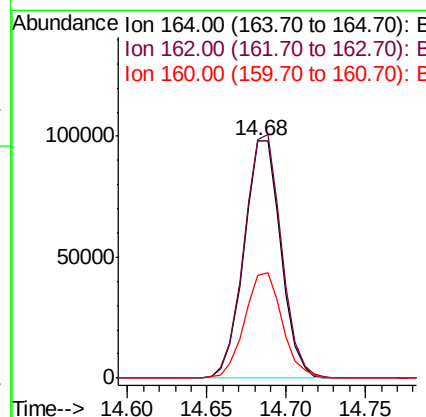
Manual Integrations
APPROVED

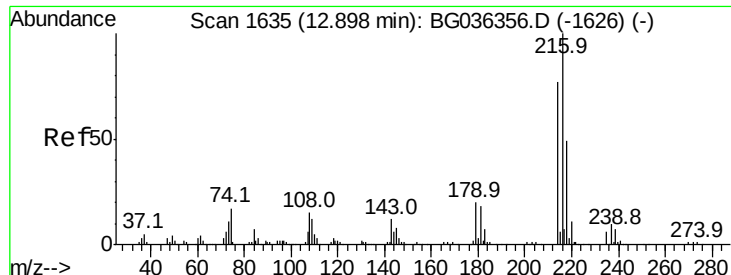
Sohil
9/4/2018 4:39:28 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.7	121.1
160	43.2	35.3	52.9





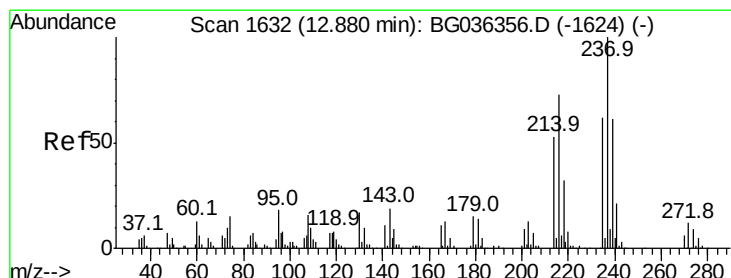
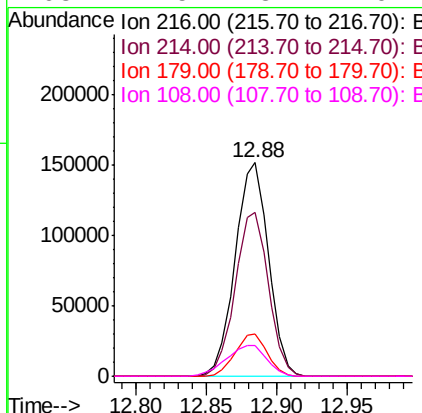
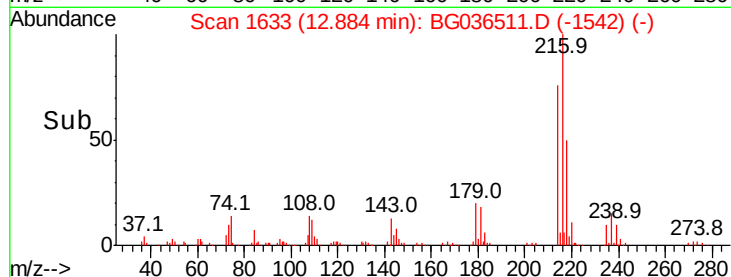
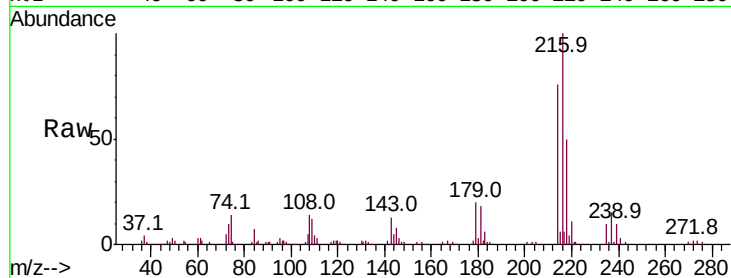
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.832 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	250034		
214	76.5	61.0	91.6	
179	19.0	15.7	23.5	
108	17.5	13.1	19.7	

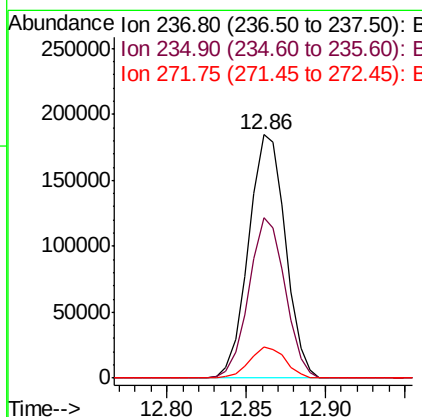
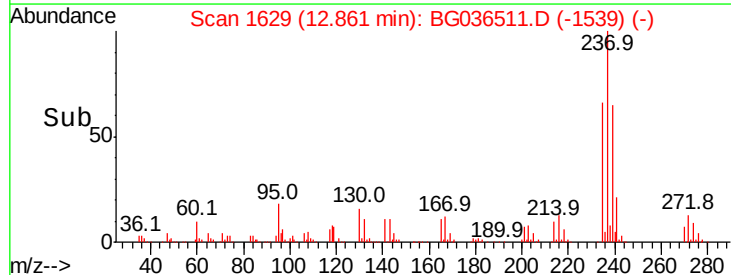
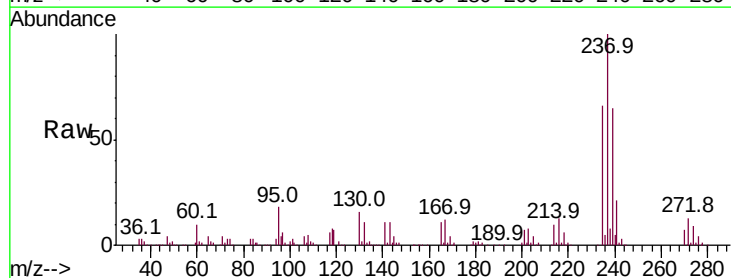
Manual Integrations
 APPROVED

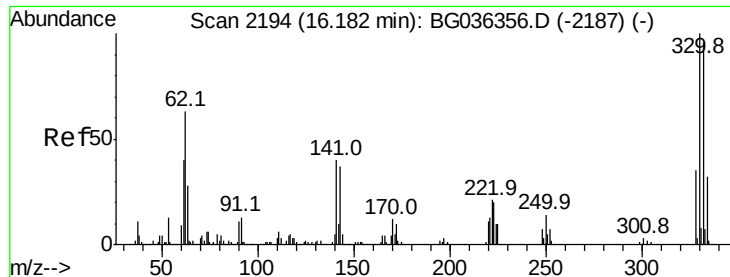
Sohil
 9/4/2018 4:39:28 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.905 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	298609		
235	66.0	42.2	82.2	
272	12.6	0.0	32.1	





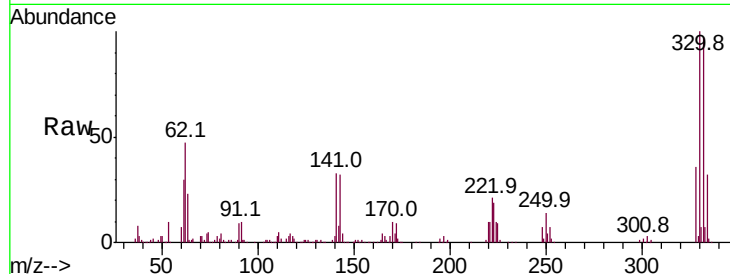
#41
 2,4,6-Tribromophenol
 Concen: 139.947 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	75.4	113.2	
141	36.1	30.7	46.1	

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

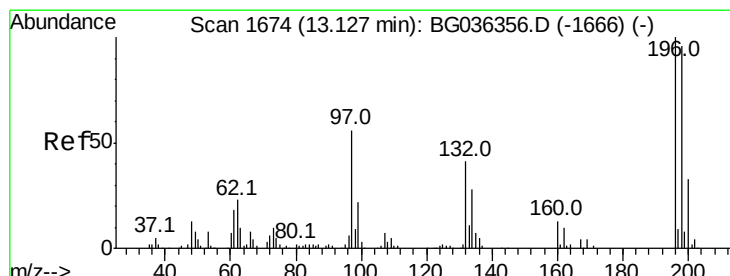
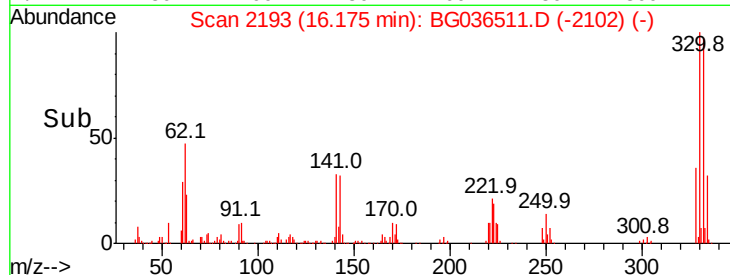
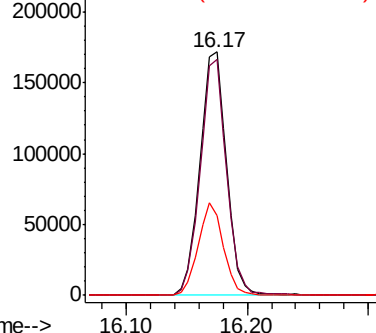


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.036 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

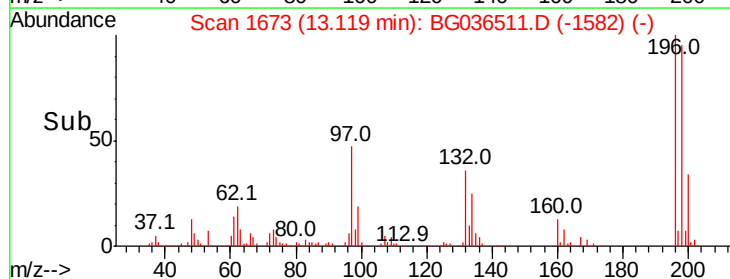
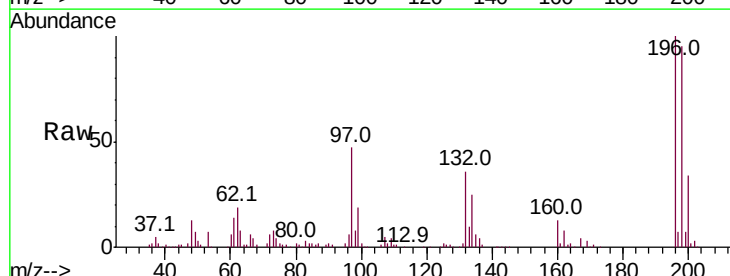
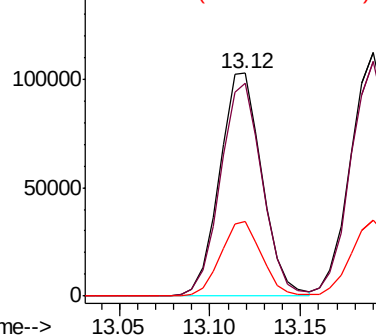
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	77.2	115.8	
200	33.7	26.3	39.5	

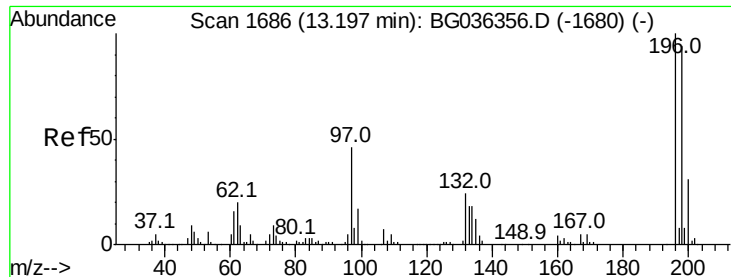
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





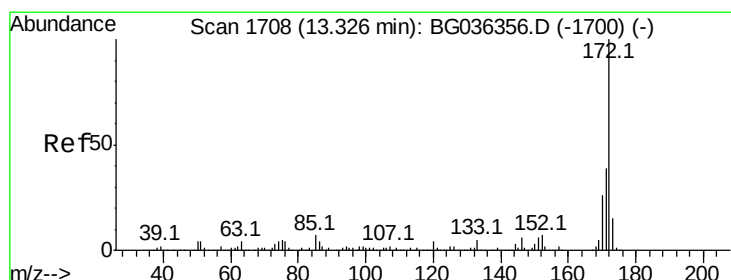
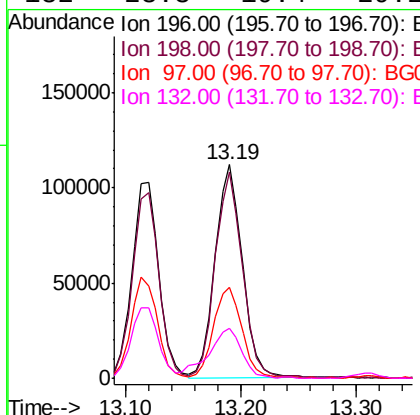
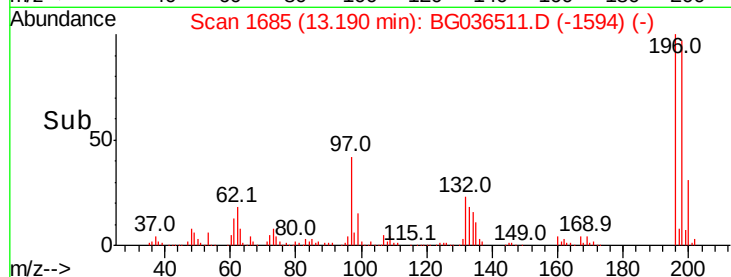
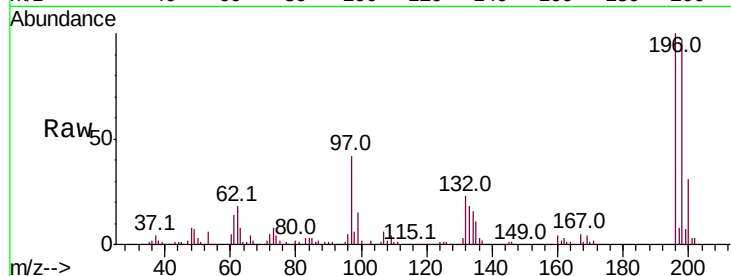
#43
 2,4,5-Trichlorophenol
 Concen: 50.587 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	196	Resp	183306
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.6	113.4
97	42.5	37.2	55.8
132	23.3	19.4	29.2

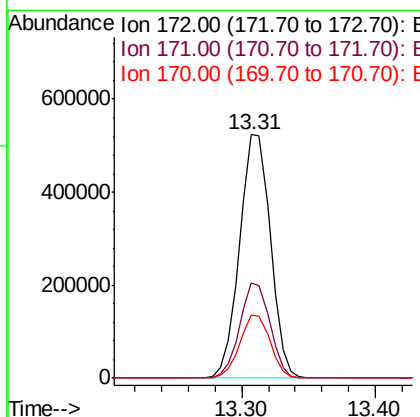
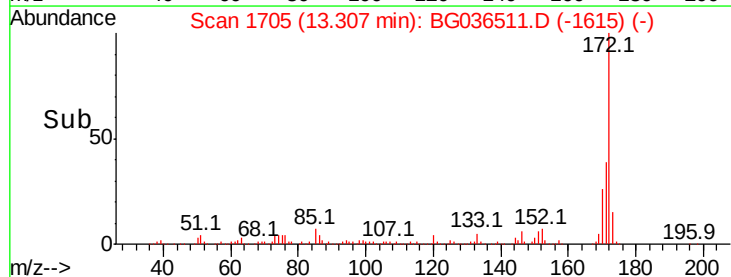
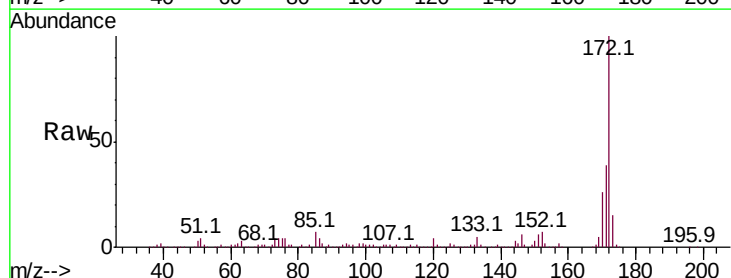
Manual Integrations
 APPROVED

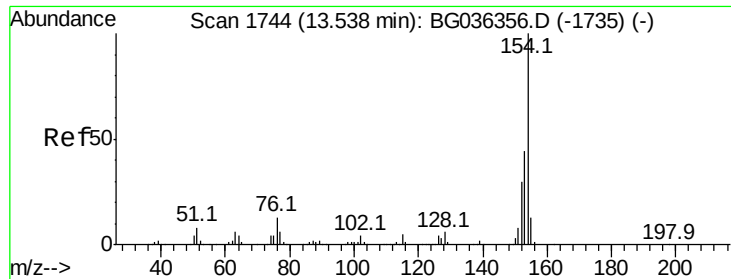
Sohil
 9/4/2018 4:39:28 PM



#44
 2-Fluorobiphenyl
 Concen: 75.842 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	172	Resp	837107
Ion Ratio	Lower	Upper	
172	100		
171	39.2	31.3	46.9
170	25.7	21.0	31.6





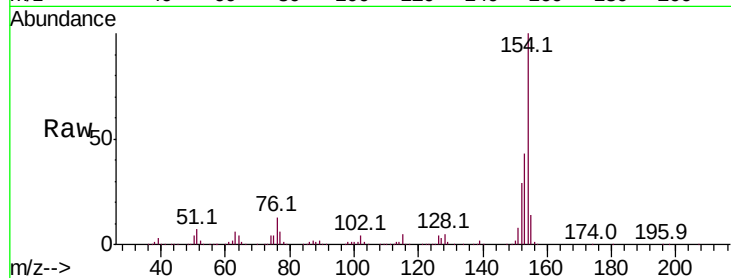
#45
 1,1'-Biphenyl
 Concen: 43.020 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

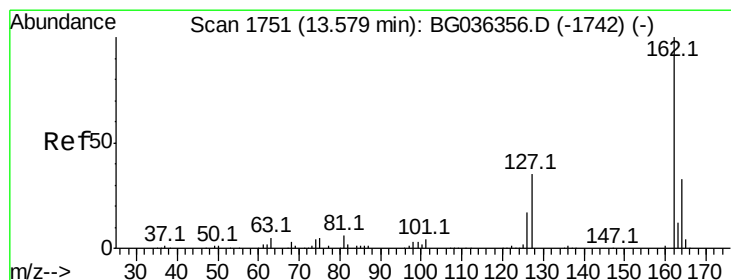
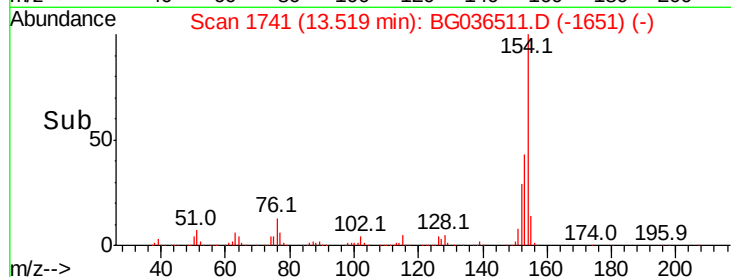
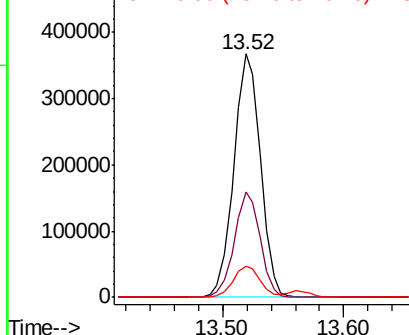
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	24.0	64.0
76	12.7	0.0	32.9

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

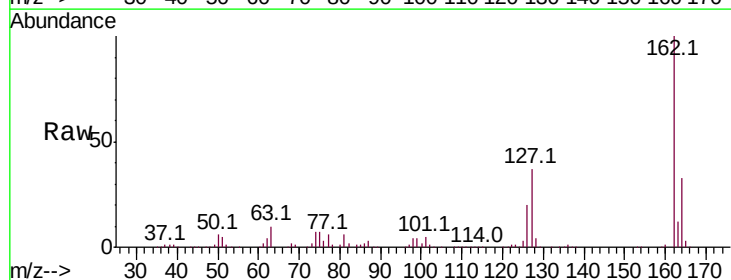


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

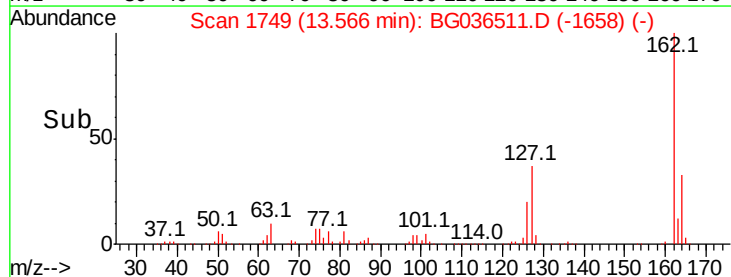
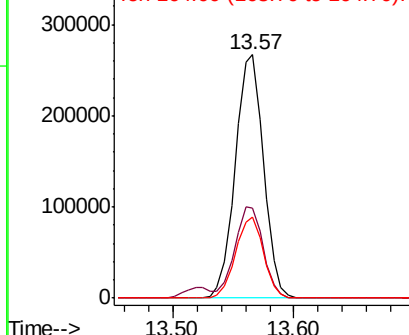


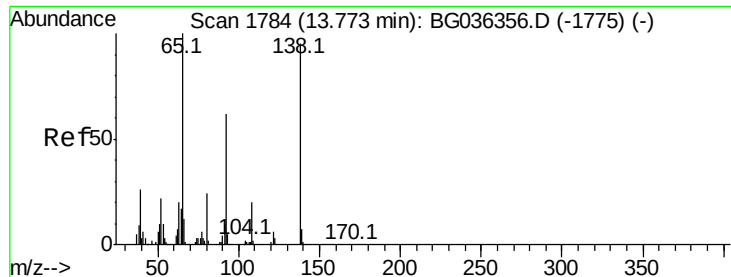
#46
 2-Chloronaphthalene
 Concen: 43.579 ng
 RT: 13.57 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.7	46.1
164	33.4	26.7	40.1



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





#47

2-Nitroaniline

Concen: 48.454 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

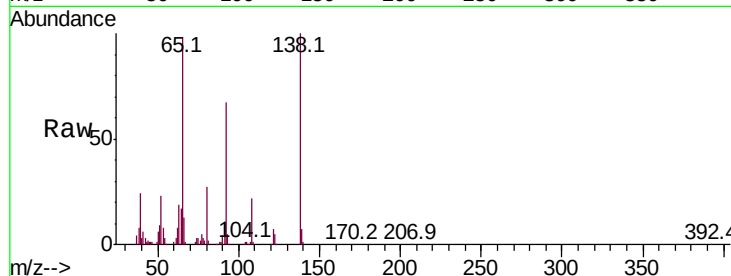
ClientSampleId :

BU-02-083018MSD

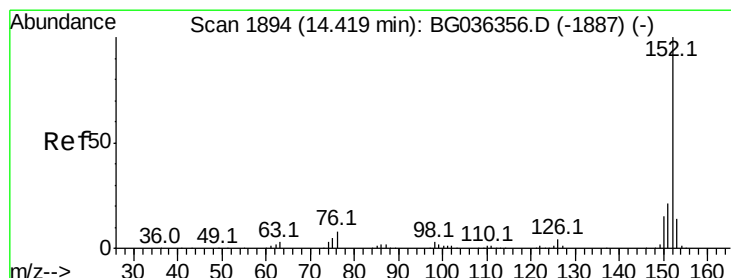
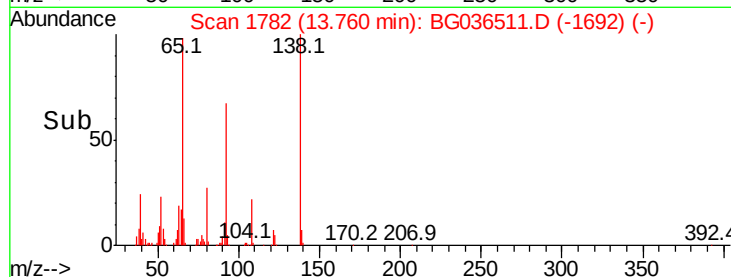
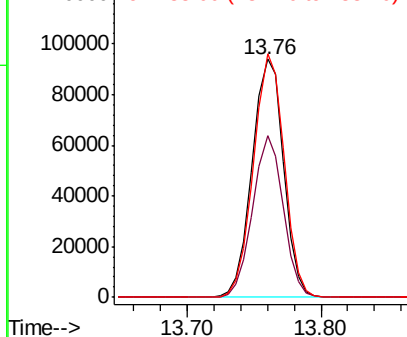
Tot Ion:	65	Resp:	151953
Ion Ratio	Lower	Upper	
65	100		
92	68.0	49.9	74.9
138	102.2	76.2	114.4

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 47.975 ng

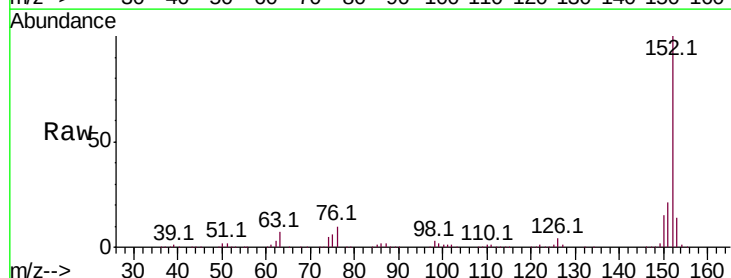
RT: 14.41 min Scan# 1892

Delta R.T. -0.00 min

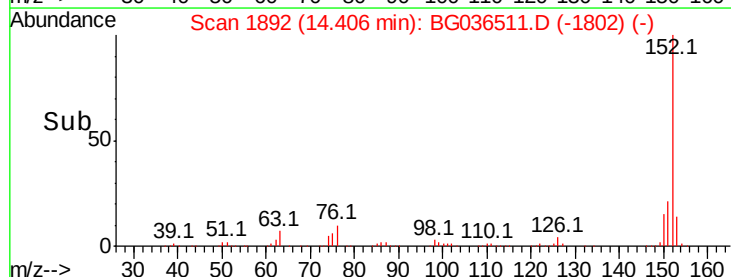
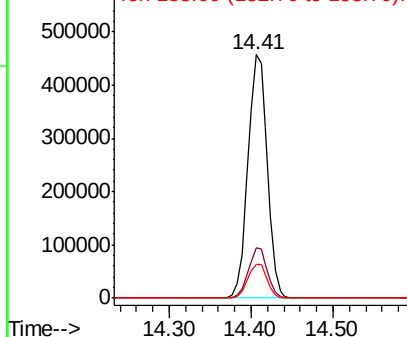
Lab File: BG036511.D

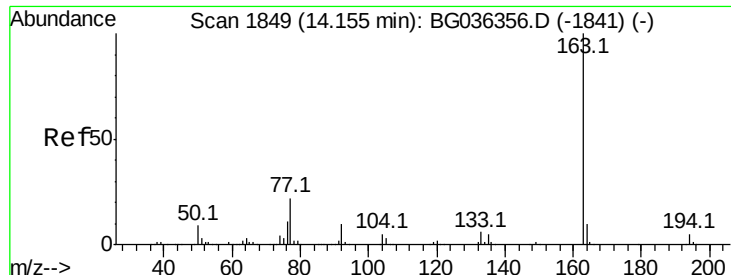
Acq: 31 Aug 2018 18:29

Tgt Ion:	152	Resp:	748787
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.9	25.3
153	13.8	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





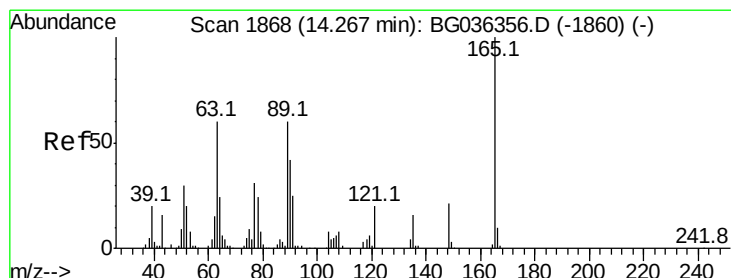
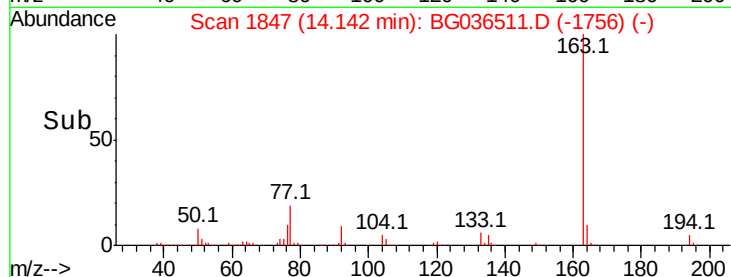
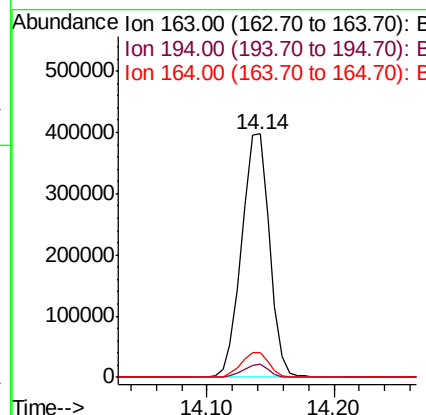
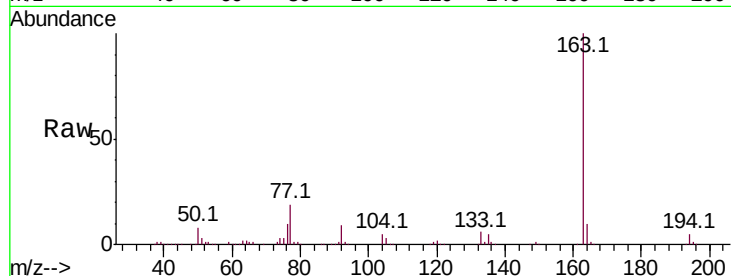
#49
Dimethylphthalate
Concen: 46.902 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.2	4.0	6.0	
164	10.1	8.1	12.1	

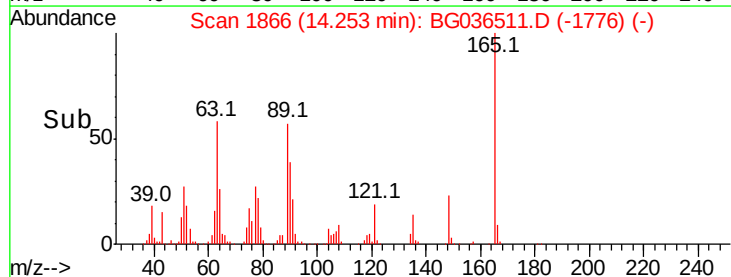
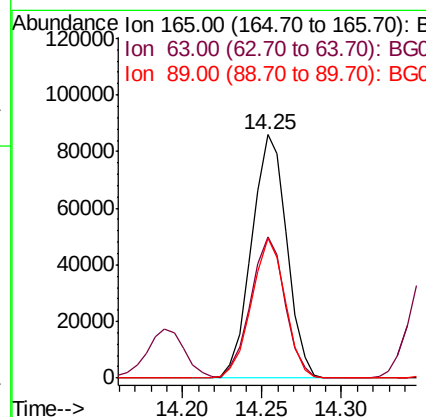
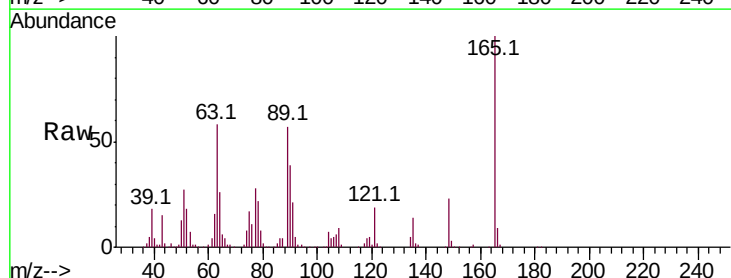
Manual Integrations
APPROVED

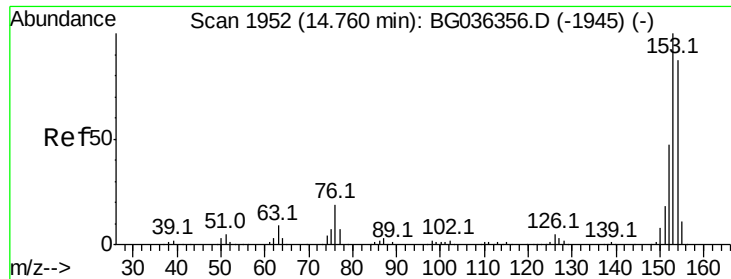
Sohil
9/4/2018 4:39:28 PM



#50
2,6-Dinitrotoluene
Concen: 50.055 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.9	50.1	75.1	
89	57.4	47.8	71.6	





#51

Acenaphthene

Concen: 44.309 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-02-083018MSD

Tot Ion:154 Resp: 442910

Ion Ratio Lower Upper

154 100

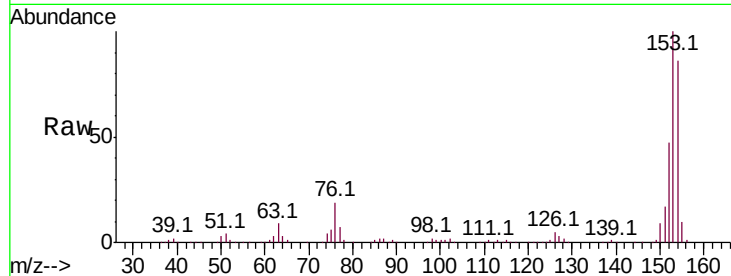
153 116.1 91.8 137.6

152 54.9 43.5 65.3

Manual Integrations
APPROVED

Sohil

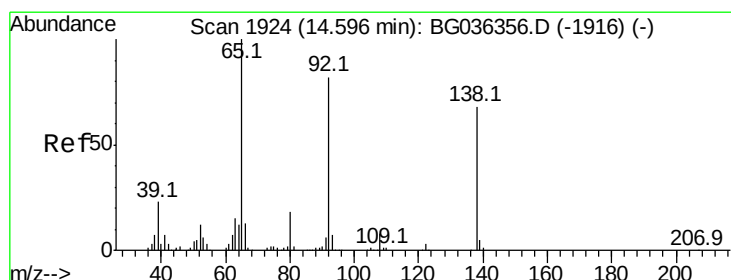
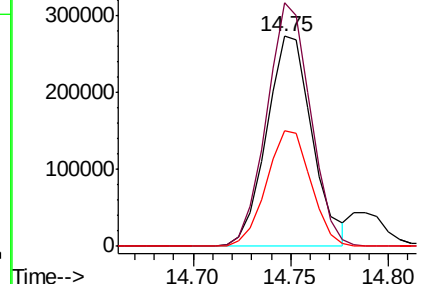
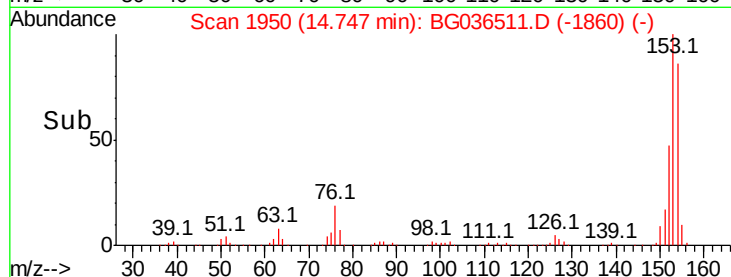
9/4/2018 4:39:28 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.194 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

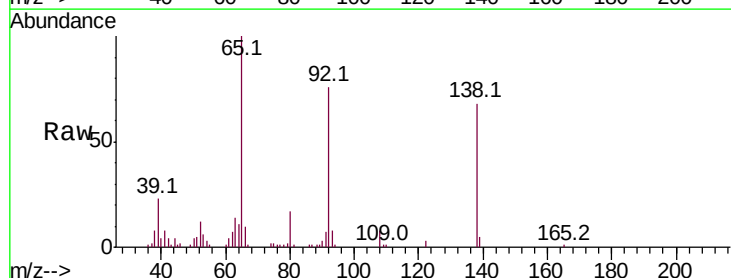
Tgt Ion:138 Resp: 31944

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

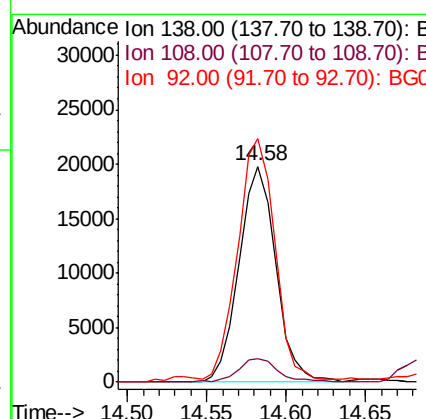
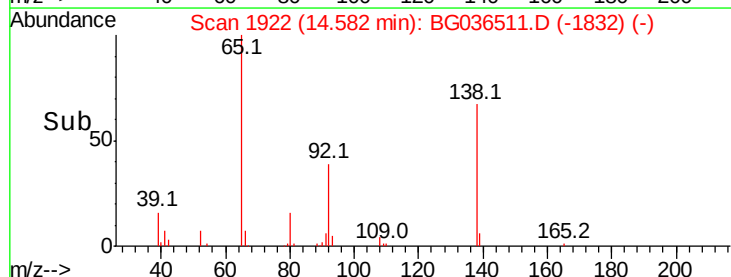
92 112.8 96.8 145.2

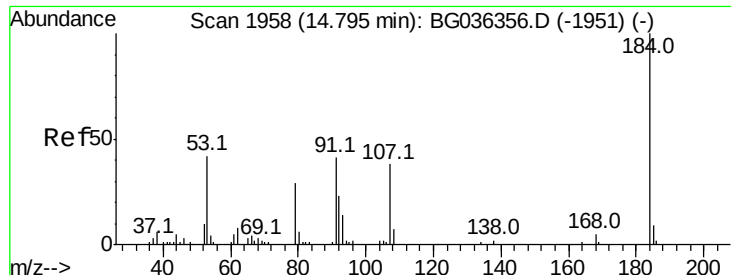


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





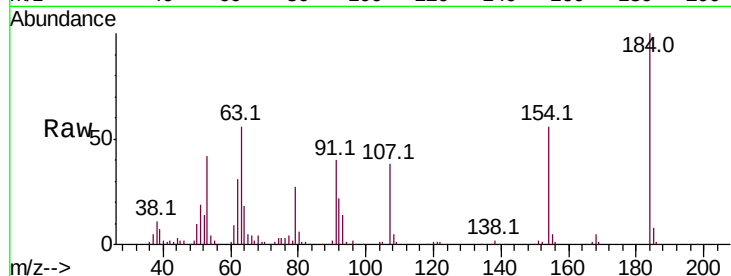
#53
 2,4-Dinitrophenol
 Concen: 122.149 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

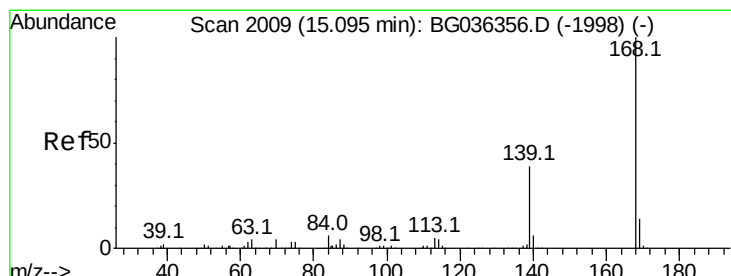
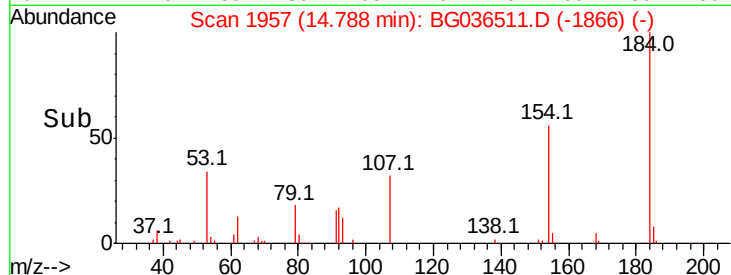
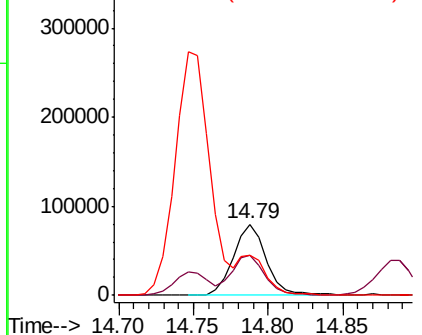
Tot Ion	184	Resp	122516
Ion Ratio	Lower	Upper	
184	100		
63	56.3	47.3	70.9
154	55.7	51.1	76.7

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

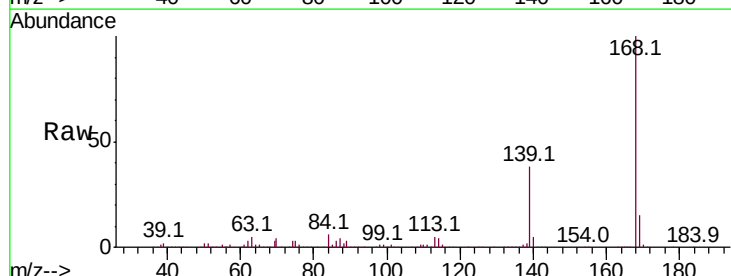


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

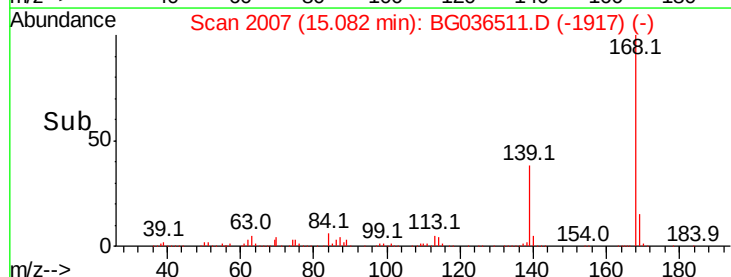
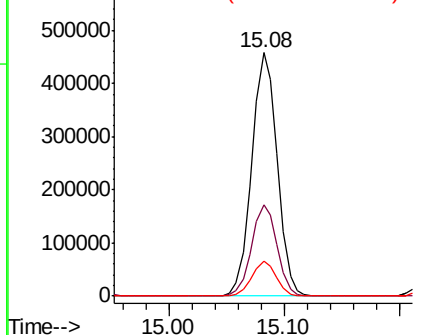


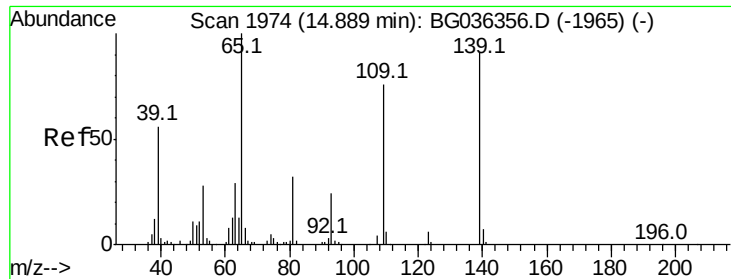
#54
 Dibenzofuran
 Concen: 44.912 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	168	Resp	703326
Ion Ratio	Lower	Upper	
168	100		
139	37.6	31.0	46.6
169	14.6	11.1	16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





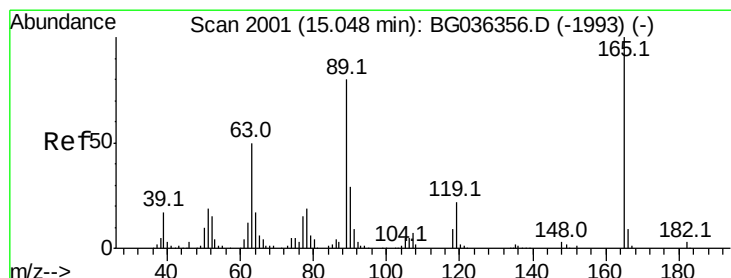
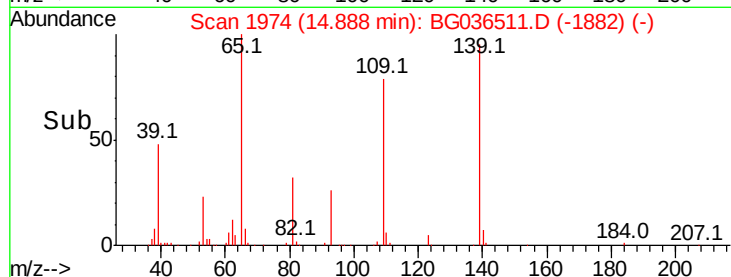
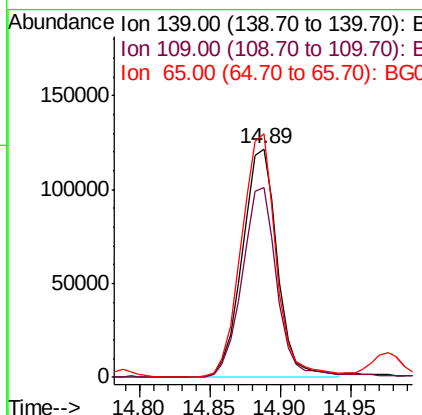
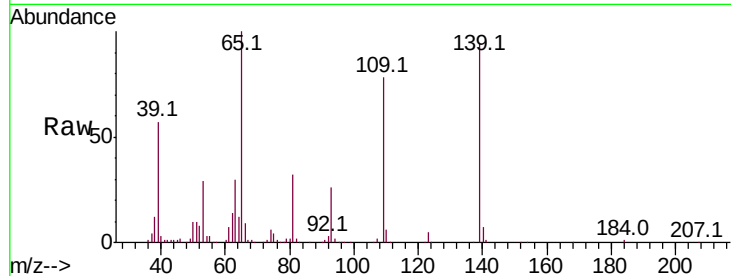
#55
4-Nitrophenol
Concen: 90.727 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	211682		
109	82.9	63.9	103.9	
65	106.5	90.0	130.0	

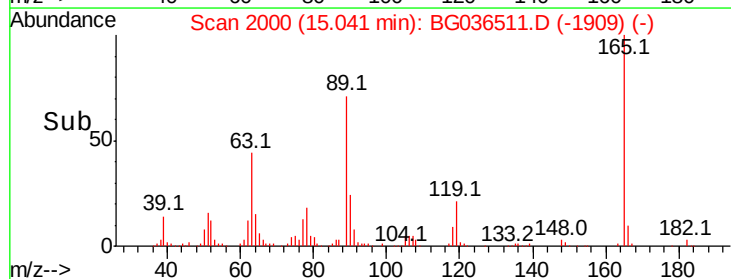
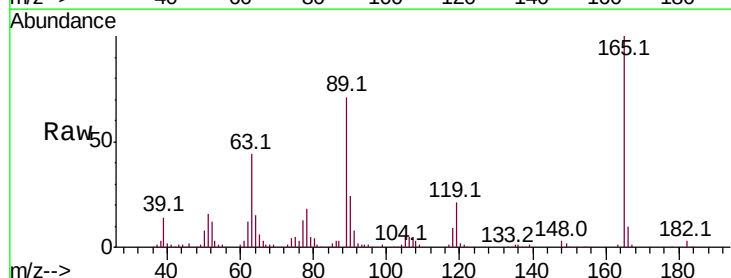
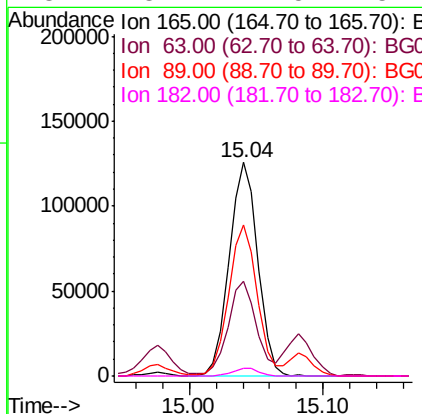
Manual Integrations
APPROVED

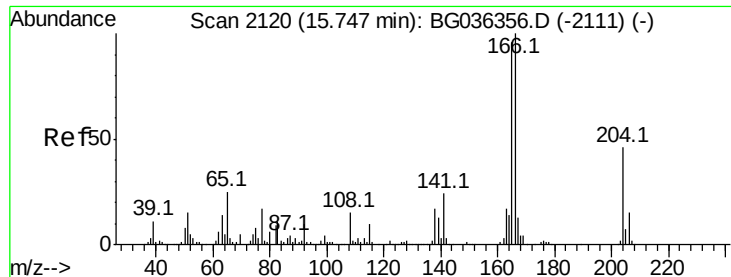
Sohil
9/4/2018 4:39:28 PM



#56
2,4-Dinitrotoluene
Concen: 54.303 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187408		
63	44.1	40.1	60.1	
89	71.0	63.7	95.5	
182	3.4	2.5	3.7	





#57

Fluorene

Concen: 49.041 ng

RT: 15.73 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-02-083018MSD

Tot Ion:166 Resp: 574128

Ion Ratio Lower Upper

166 100

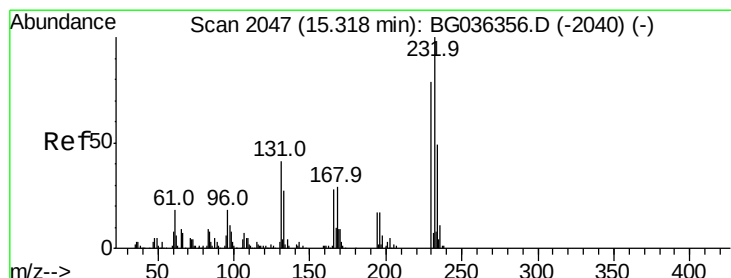
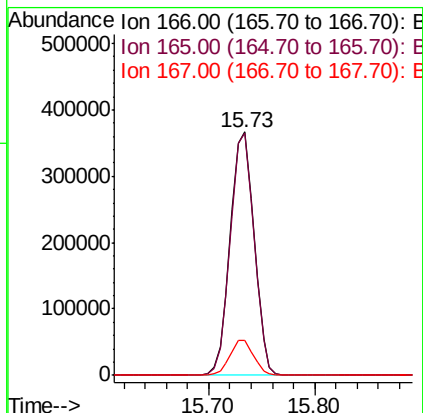
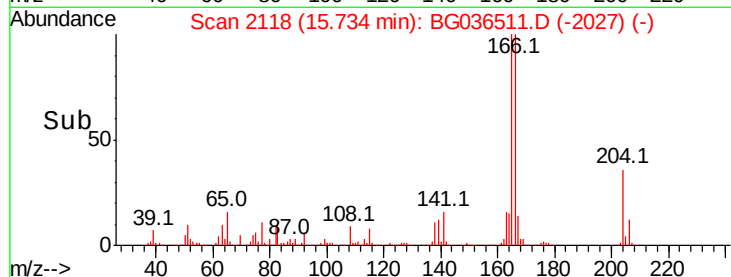
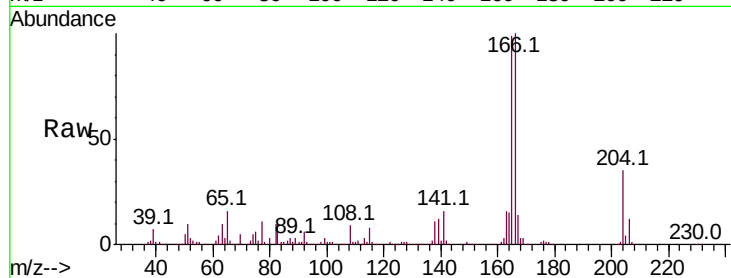
165 99.4 77.0 115.4

167 14.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

9/4/2018 4:39:28 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.537 ng

RT: 15.31 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:232 Resp: 185672

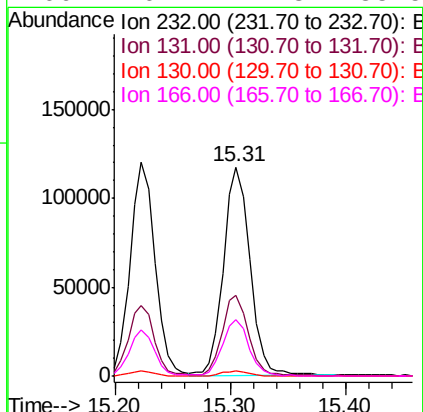
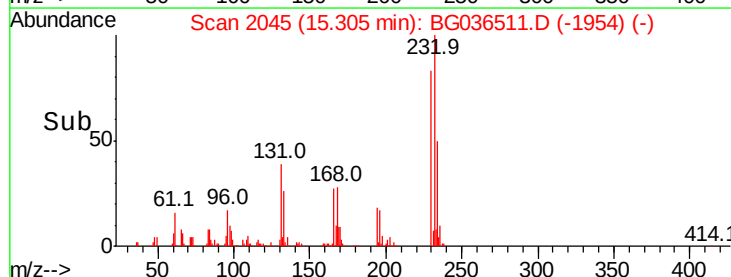
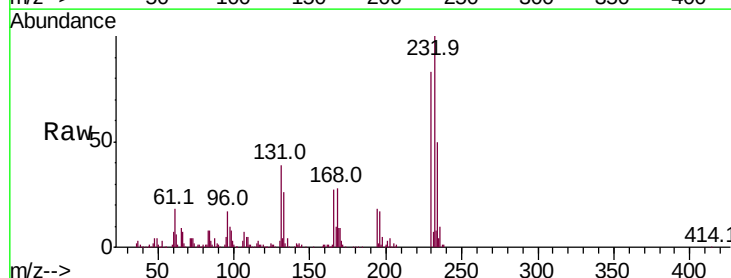
Ion Ratio Lower Upper

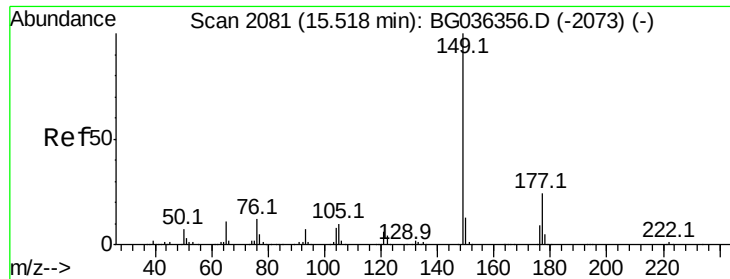
232 100

131 38.3 33.8 50.8

130 2.3 2.1 3.1

166 26.7 22.3 33.5





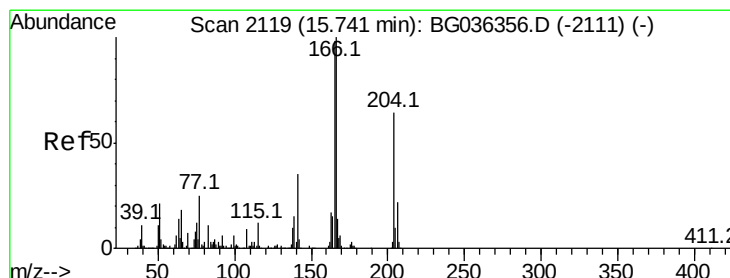
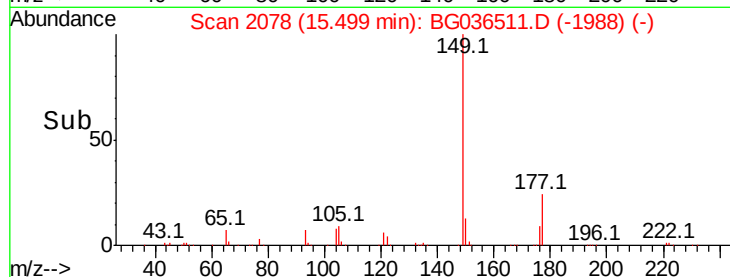
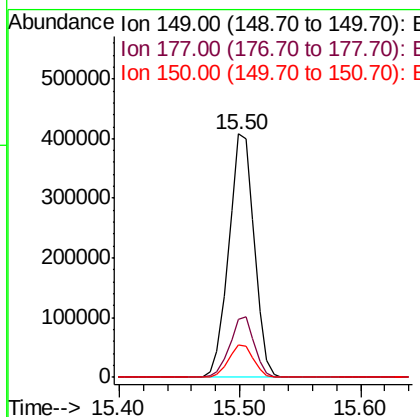
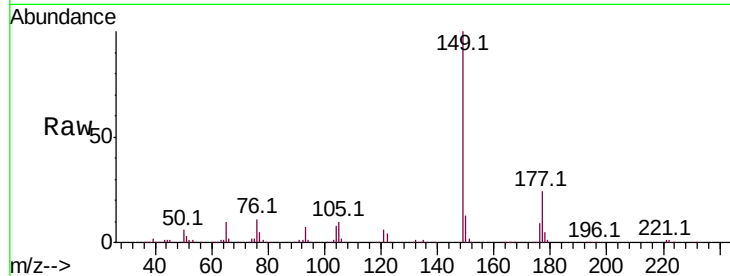
#59
Diethylphthalate
Concen: 45.863 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	594785		
177	24.0	19.1	28.7	
150	13.2	10.7	16.1	

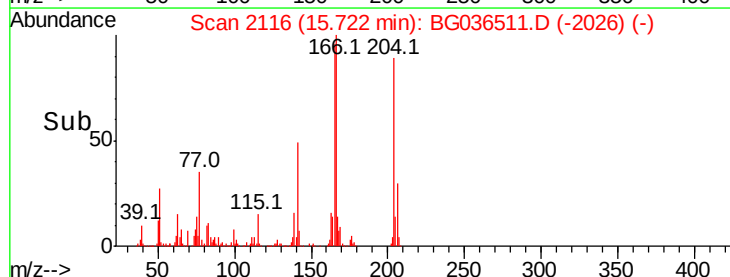
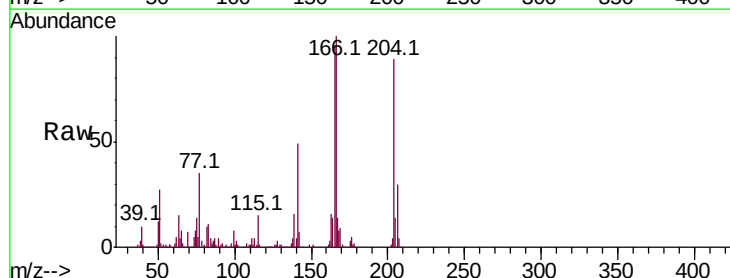
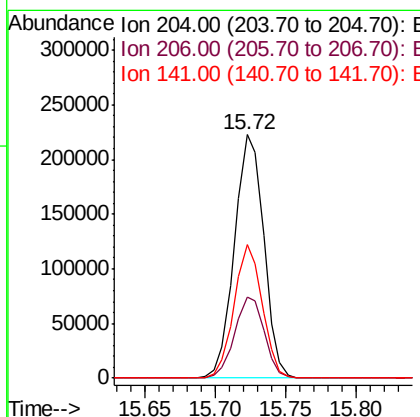
Manual Integrations
APPROVED

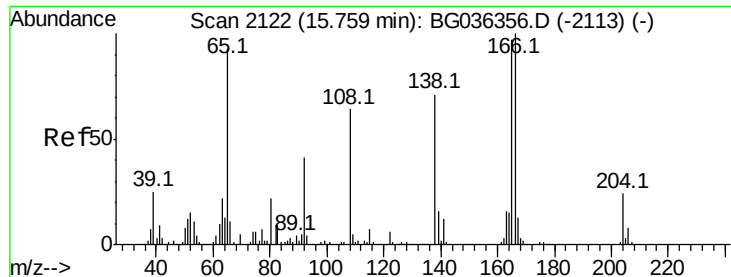
Sohil
9/4/2018 4:39:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.583 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	322293		
206	33.4	27.0	40.4	
141	55.1	43.8	65.6	





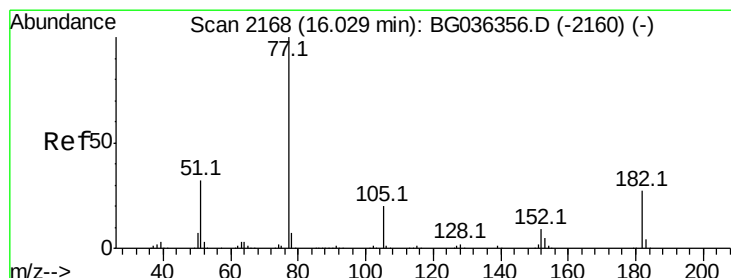
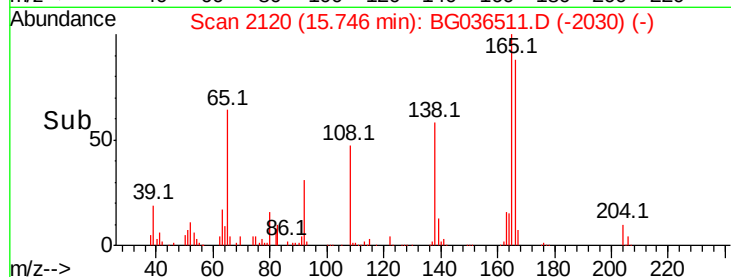
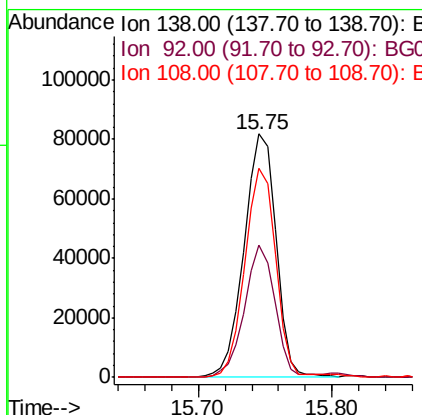
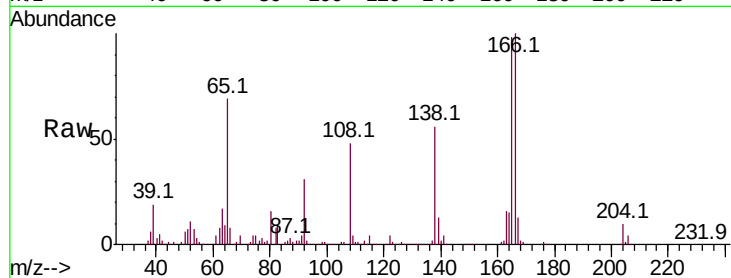
#61
4-Nitroaniline
Concen: 45.474 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	38.5	78.5
108	85.9	70.3	110.3

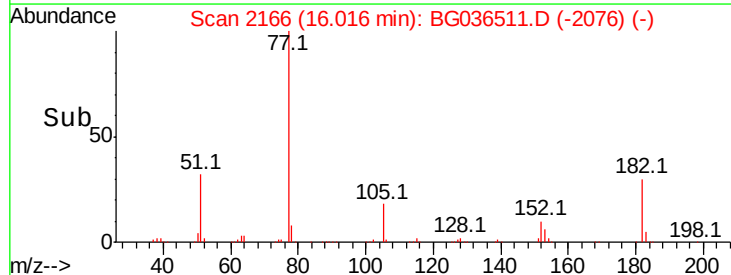
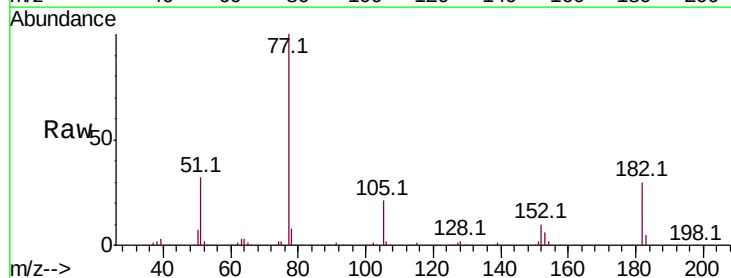
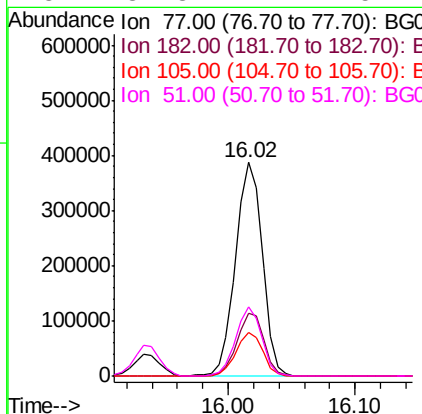
Manual Integrations
APPROVED

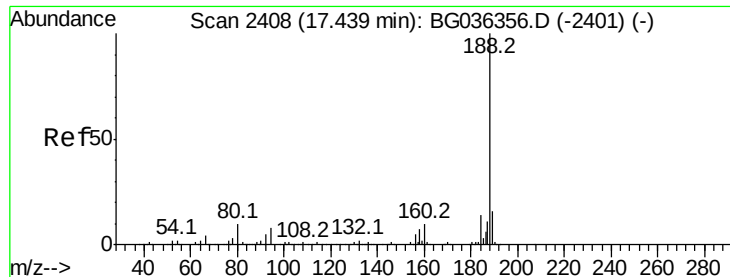
Sohil
9/4/2018 4:39:28 PM



#62
Azobenzene
Concen: 42.690 ng
RT: 16.02 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	6.7	46.7
105	20.5	0.0	39.8
51	32.3	12.4	52.4





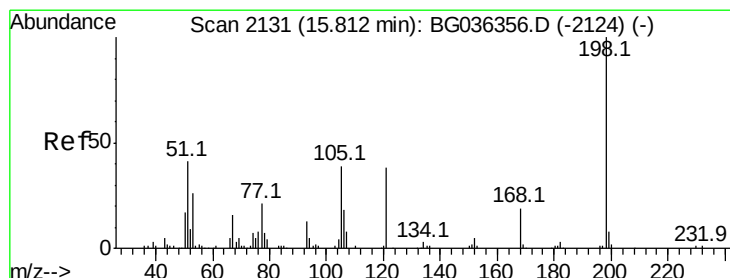
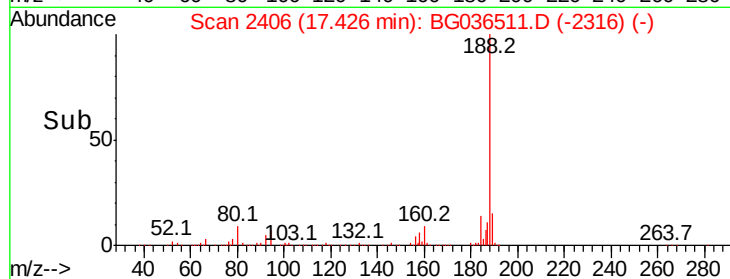
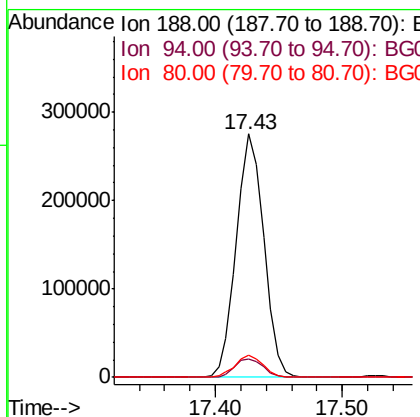
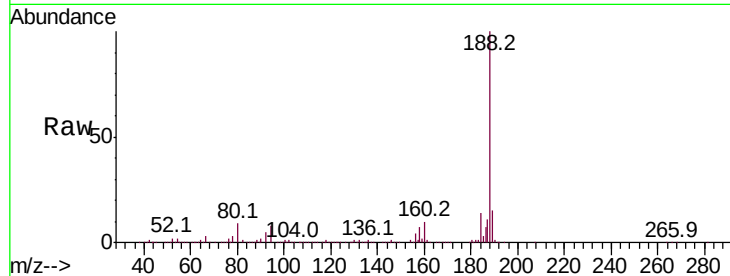
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	414878		
94	7.7		6.7	10.1
80	9.1		8.1	12.1

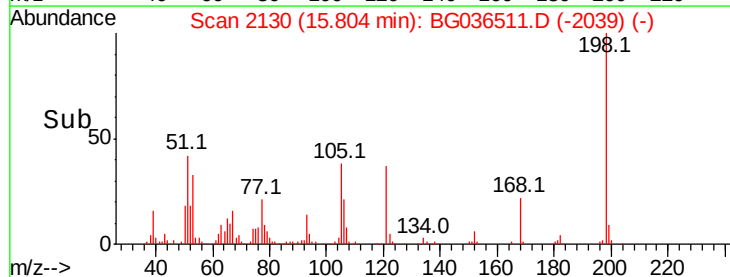
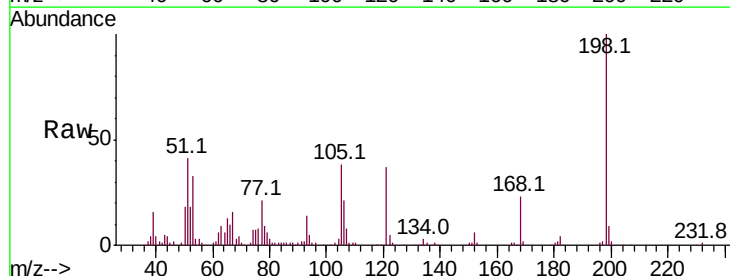
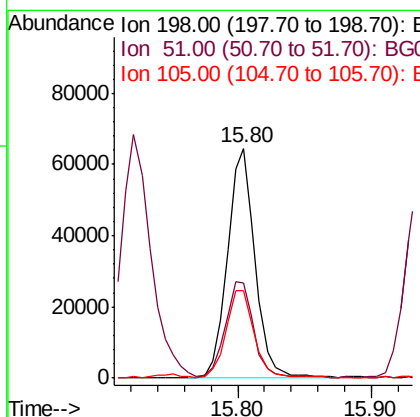
Manual Integrations
APPROVED

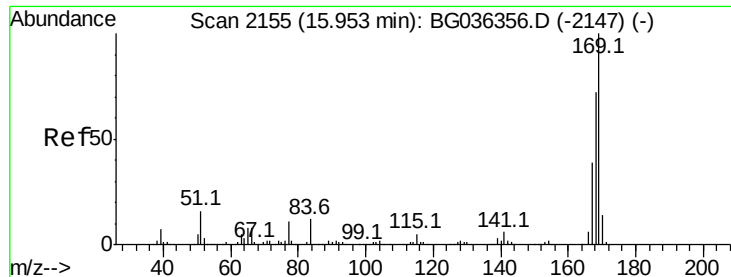
Sohil
9/4/2018 4:39:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.242 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	93387		
51	41.5		26.5	66.5
105	37.9		20.2	60.2





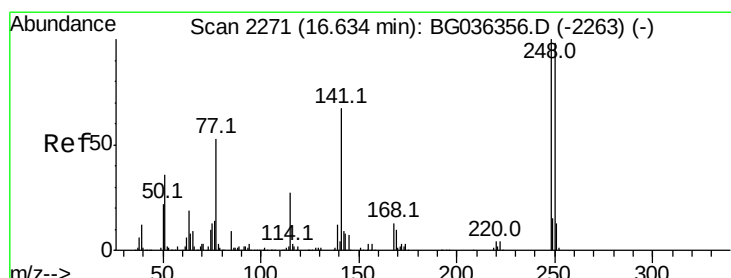
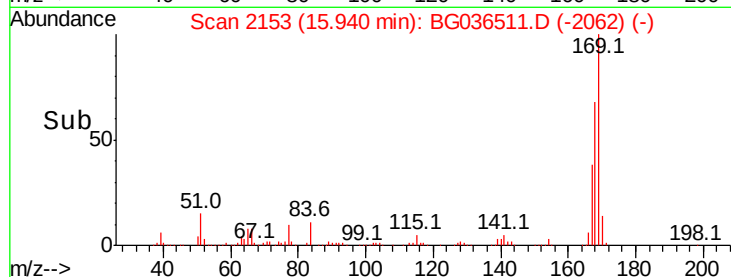
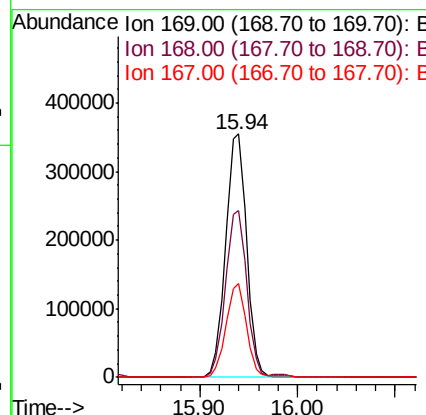
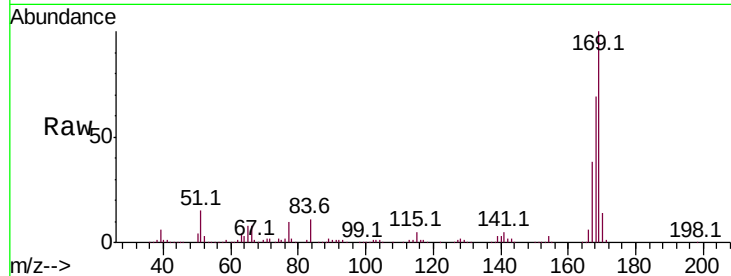
#65
n-Nitrosodiphenylamine
Concen: 42.818 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.5	57.6	86.4	
167	38.3	31.0	46.4	

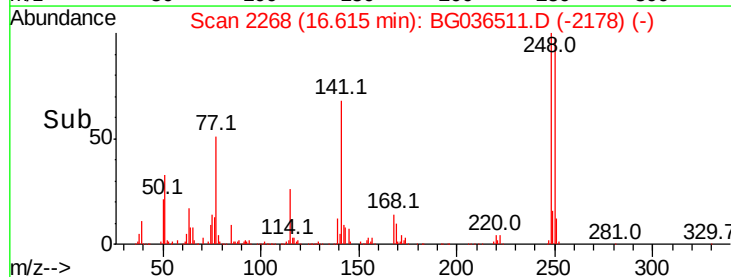
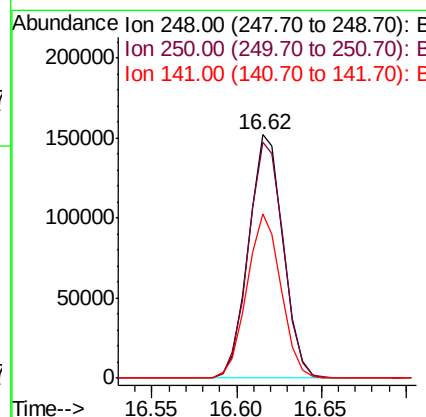
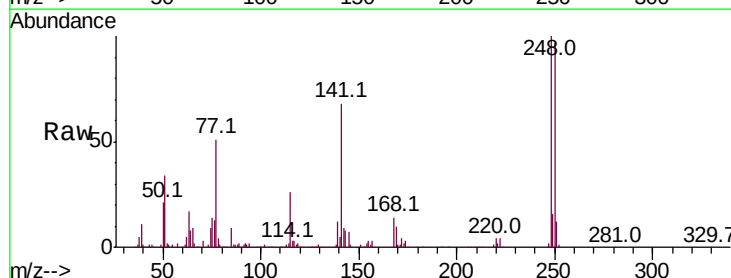
Manual Integrations
APPROVED

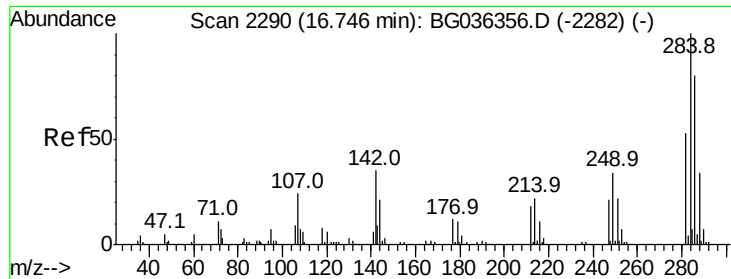
Sohil
9/4/2018 4:39:28 PM



#66
4-Bromophenyl-phenylether
Concen: 44.488 ng
RT: 16.62 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.0	78.1	117.1	
141	67.7	53.7	80.5	





#67

Hexachlorobenzene

Concen: 44.056 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

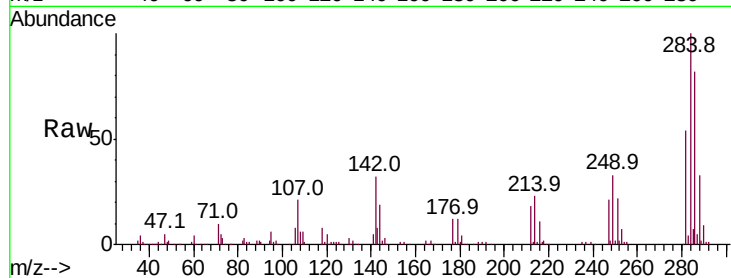
ClientSampleId :

BU-02-083018MSD

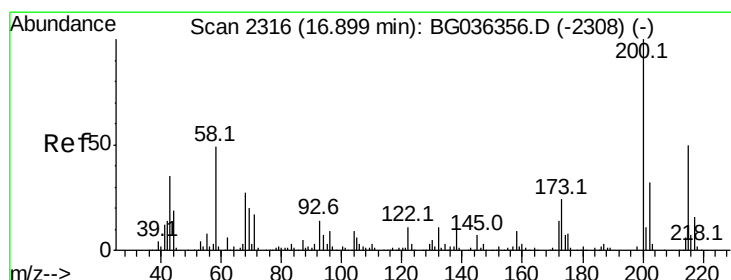
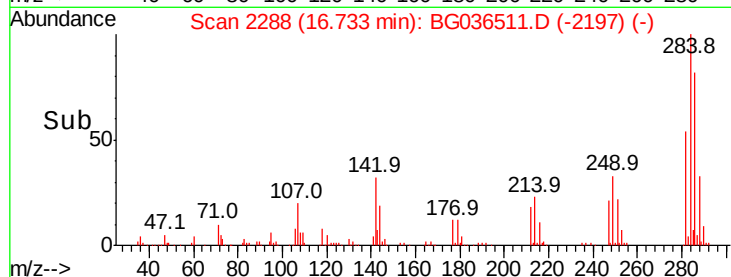
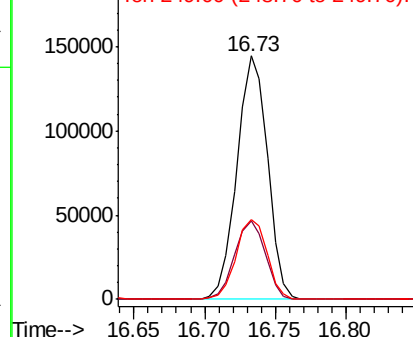
Tot Ion	Ratio	Resp	Lower	Upper
284	100	218820		
142	32.5	27.8	41.6	
249	32.7	27.4	41.2	

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.014 ng

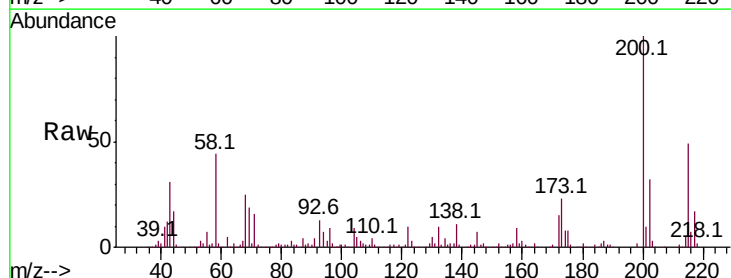
RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

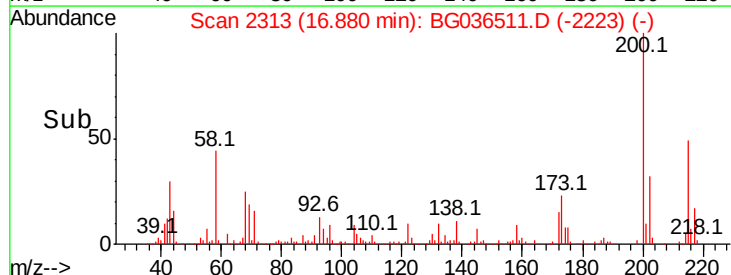
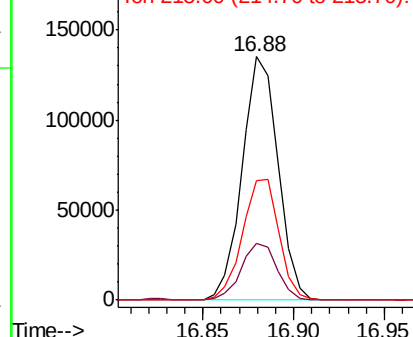
Lab File: BG036511.D

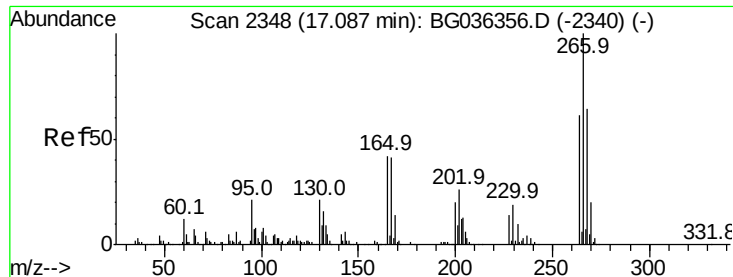
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	185147		
173	23.3	3.9	43.9	
215	49.1	30.4	70.4	



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





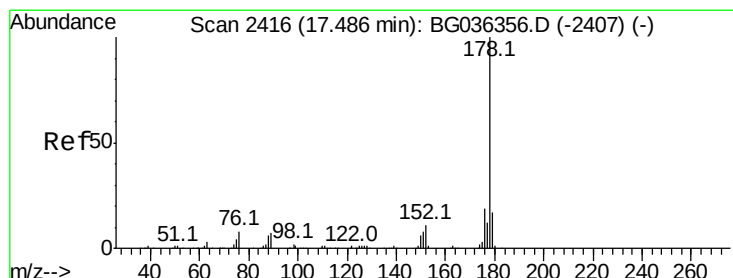
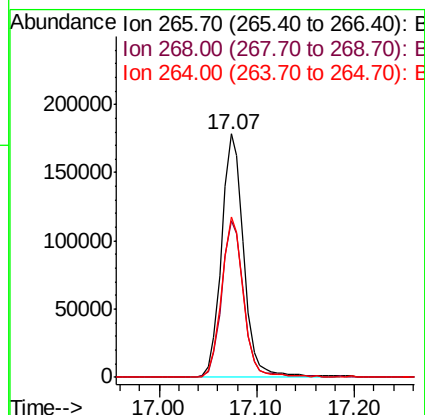
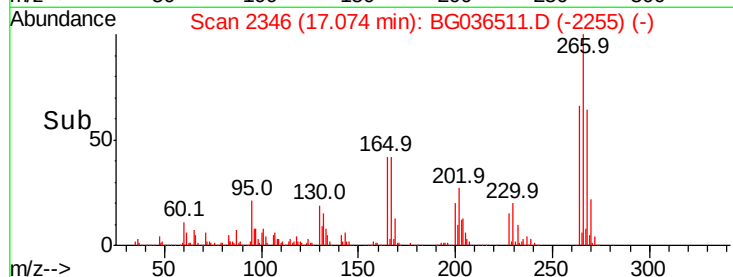
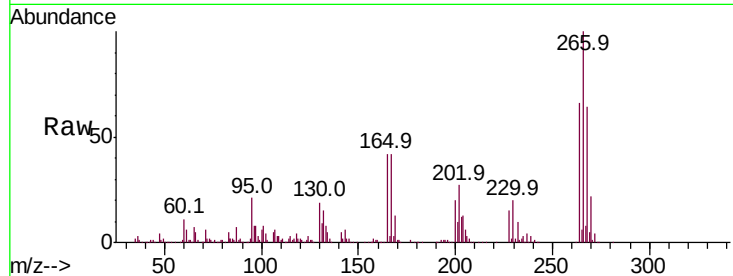
#69
 Pentachlorophenol
 Concen: 83.653 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion:	266	Resp:	282382
Ion Ratio	Lower	Upper	
266	100		
268	64.5	51.4	77.2
264	66.1	48.9	73.3

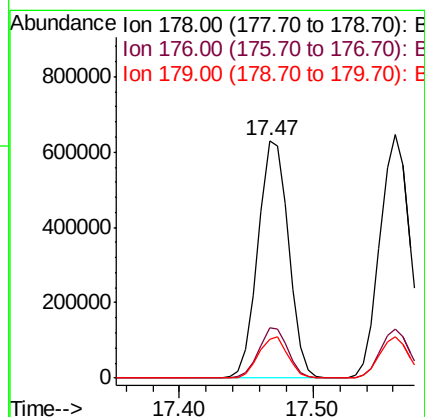
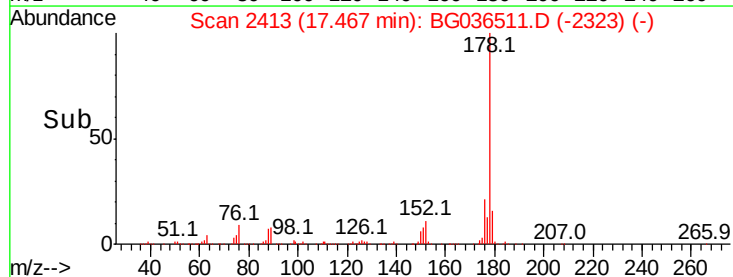
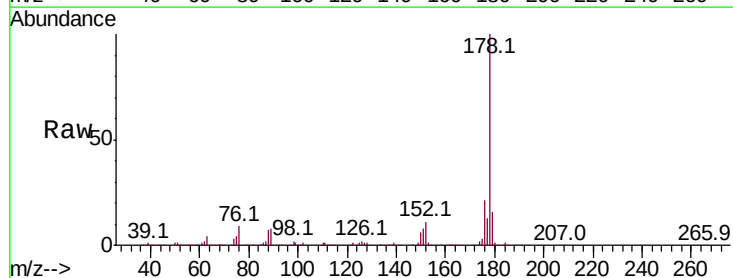
Manual Integrations
 APPROVED

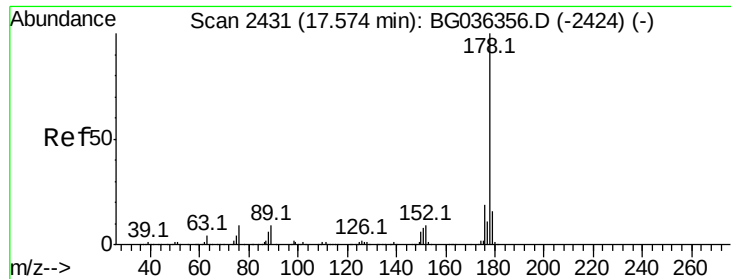
Sohil
 9/4/2018 4:39:28 PM



#70
 Phenanthrene
 Concen: 47.165 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion:	178	Resp:	994290
Ion Ratio	Lower	Upper	
178	100		
176	21.0	15.4	23.2
179	16.4	13.4	20.2





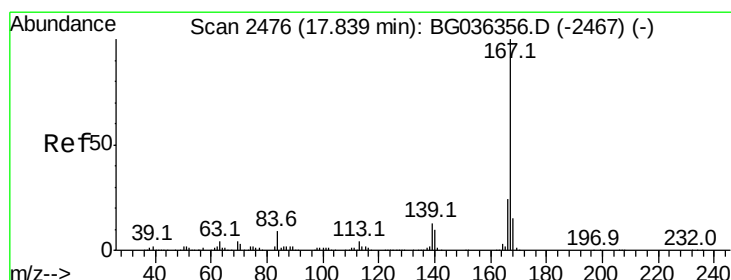
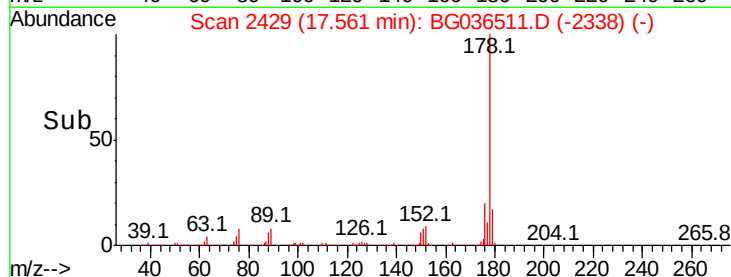
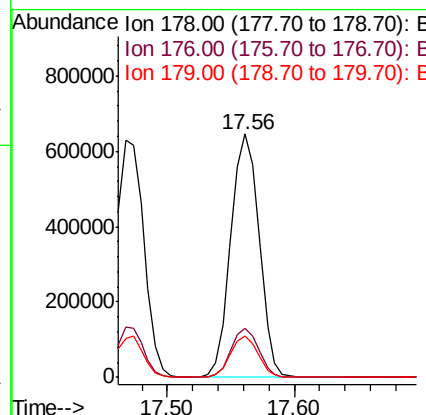
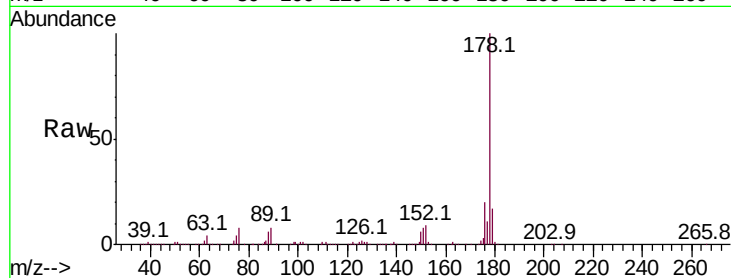
#71
 Anthracene
 Concen: 47.537 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.0	13.0	19.4

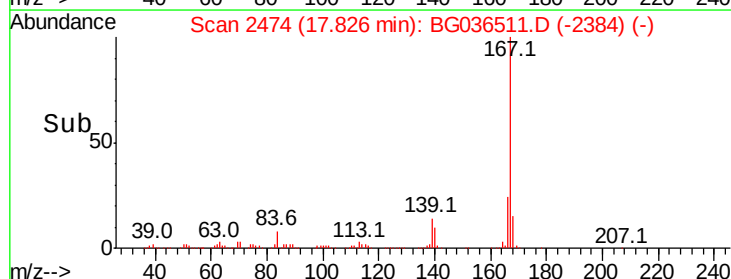
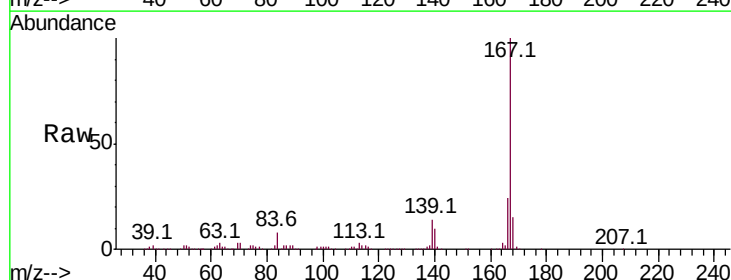
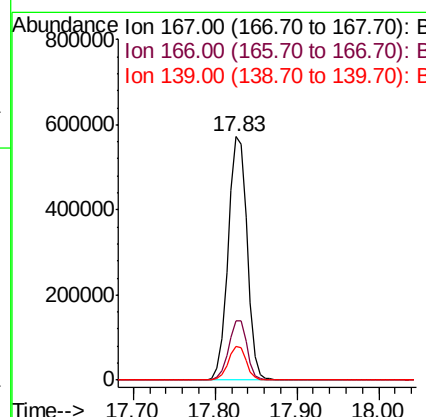
Manual Integrations
 APPROVED

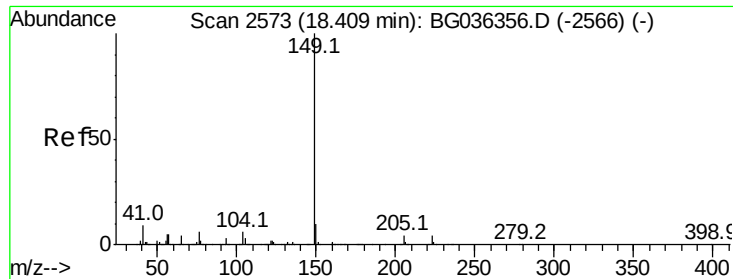
Sohil
 9/4/2018 4:39:28 PM



#72
 Carbazole
 Concen: 43.958 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.8	10.7	16.1





#73

Di-n-butylphthalate

Concen: 44.236 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-02-083018MSD

Tot Ion:149 Resp: 1033806

Ion Ratio Lower Upper

149 100

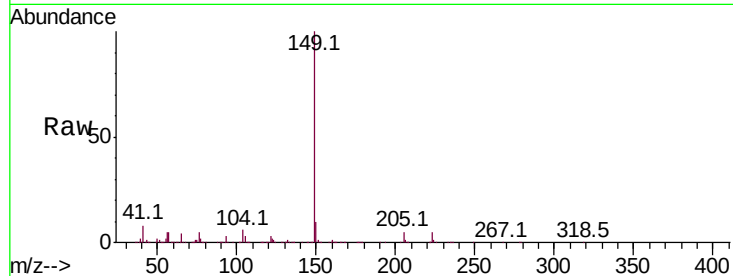
150 10.0 8.1 12.1

104 6.1 4.6 6.8

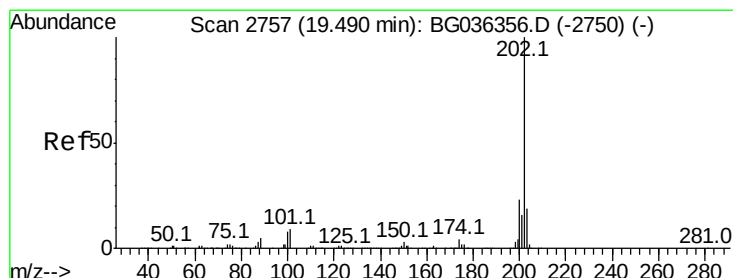
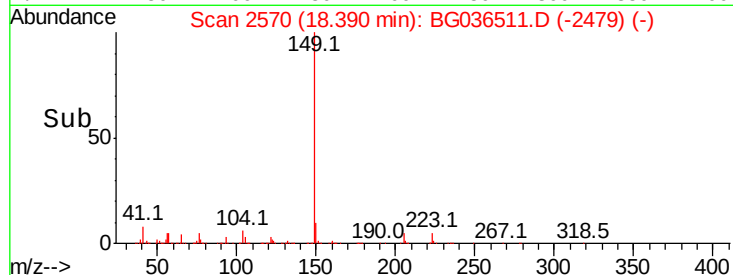
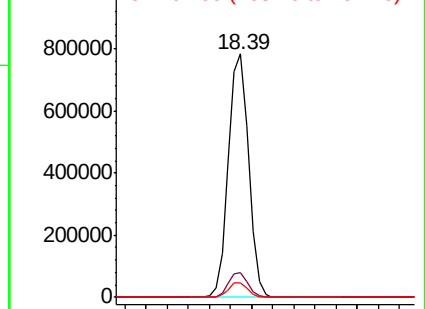
Manual Integrations
APPROVED

Sohil

9/4/2018 4:39:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.107 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

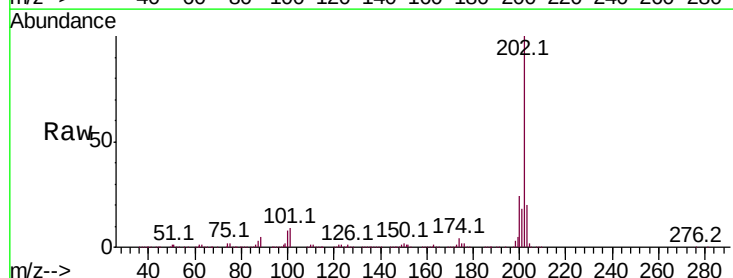
Tgt Ion:202 Resp: 1236466

Ion Ratio Lower Upper

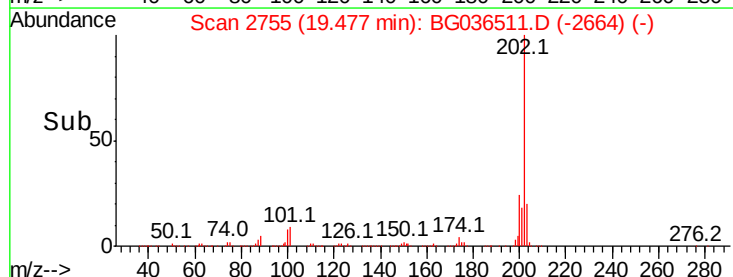
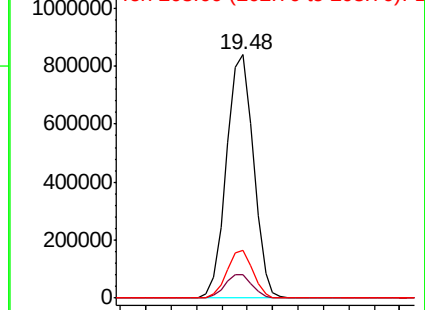
202 100

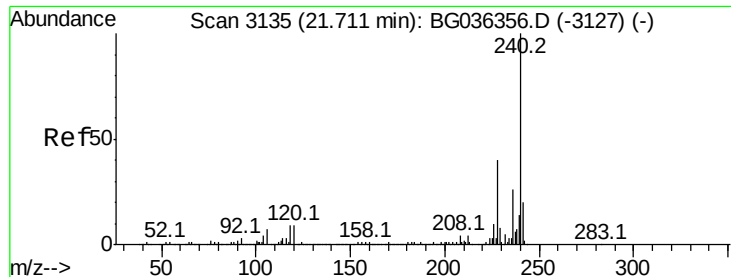
101 9.4 0.0 29.4

203 19.8 0.0 38.9



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

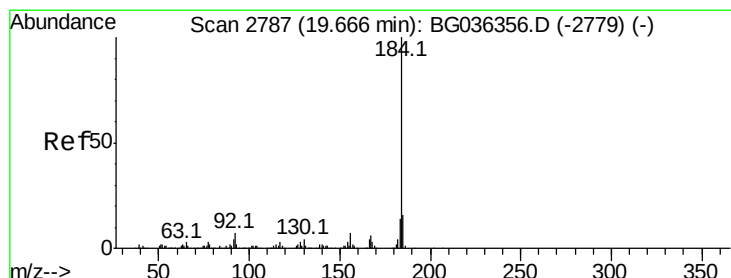
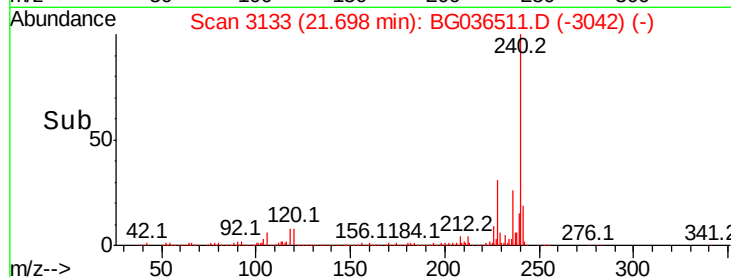
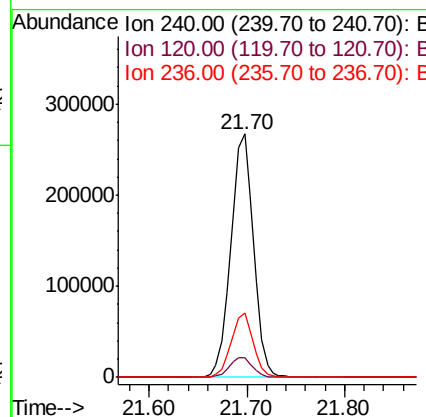
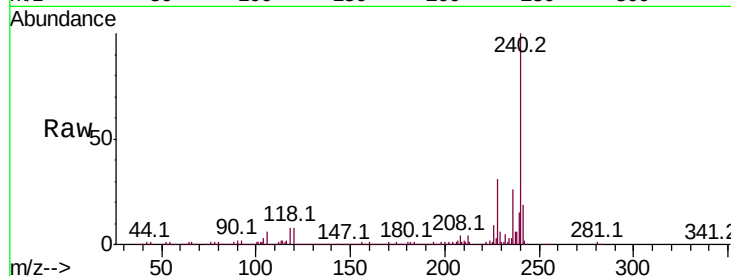
ClientSampleId :

BU-02-083018MSD

Tot Ion:	240	Resp:	429711
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.9	10.3
236	26.3	21.2	31.8

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#76

Benzidine

Concen: 4.095 ng

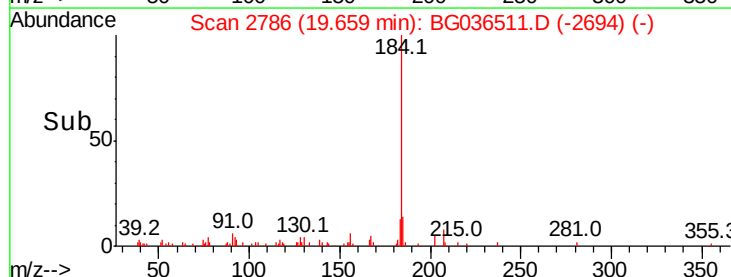
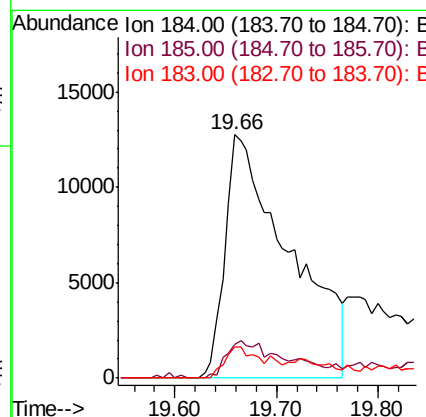
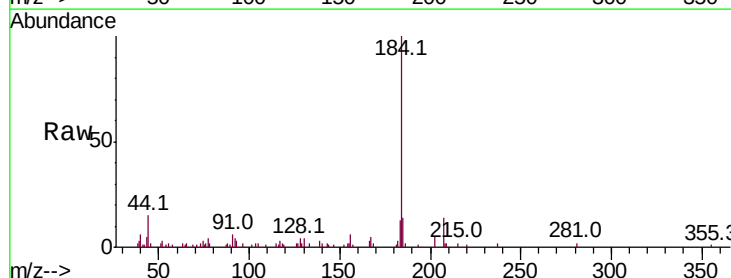
RT: 19.66 min Scan# 2786

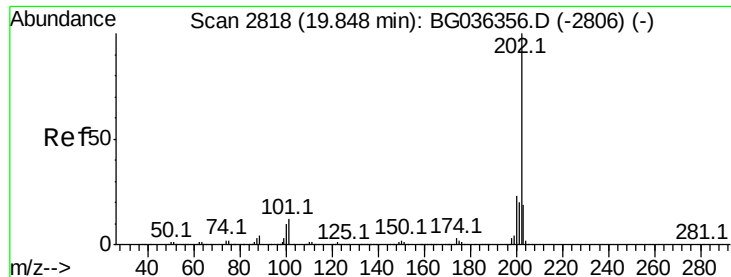
Delta R.T. 0.01 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	184	Resp:	56147
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	12.8	10.9	16.3





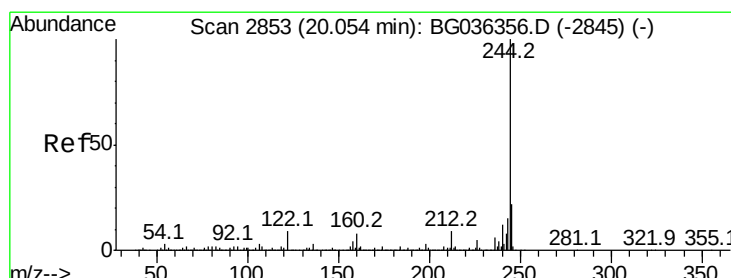
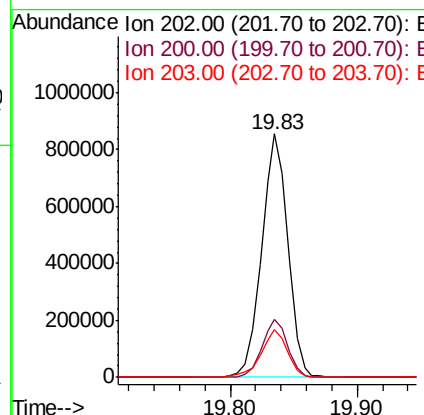
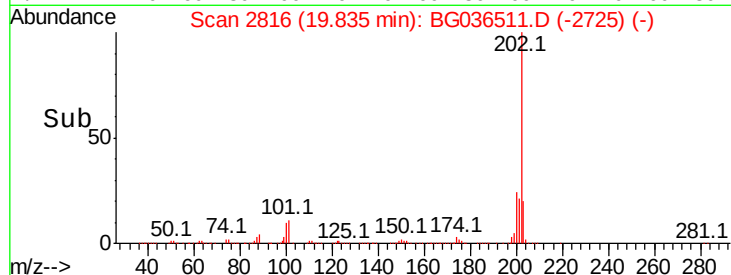
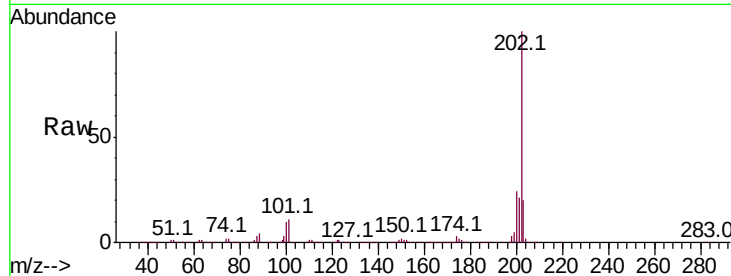
#77
Pvrene
Concen: 46.428 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.3	27.5
203	19.6	15.1	22.7

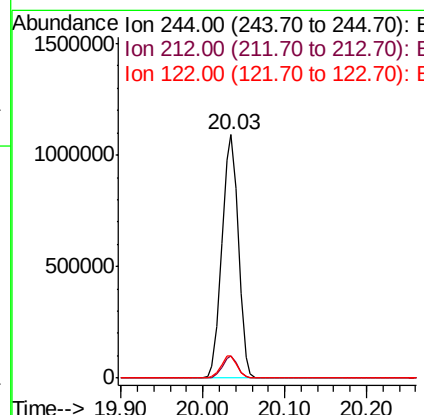
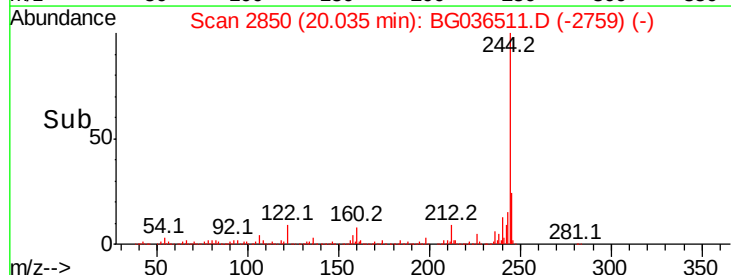
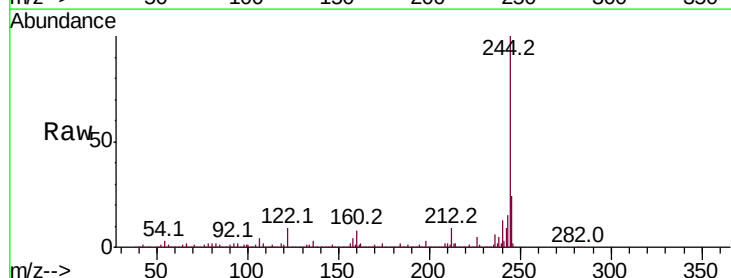
Manual Integrations
APPROVED

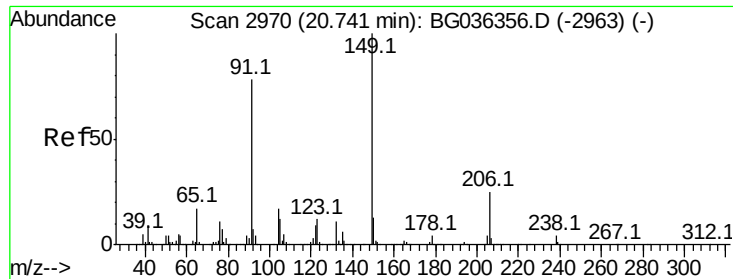
Sohil
9/4/2018 4:39:28 PM



#78
Terphenyl-d14
Concen: 83.121 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.4	7.1	10.7





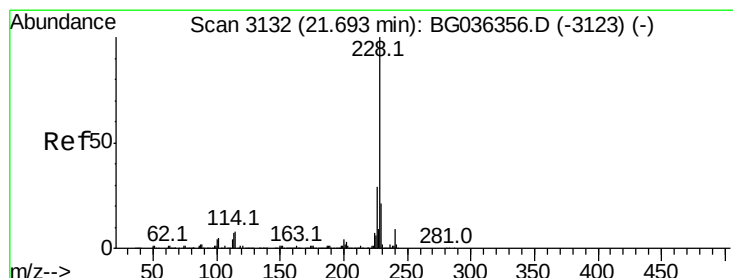
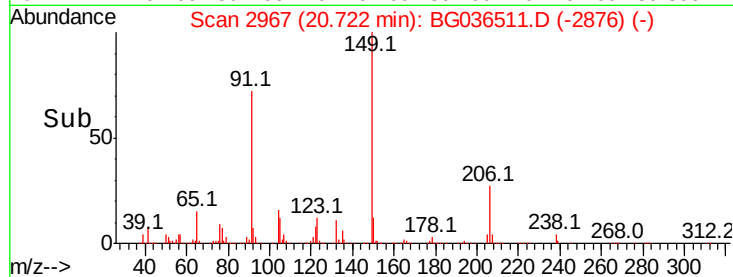
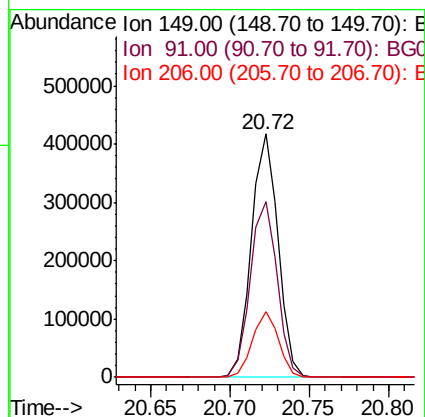
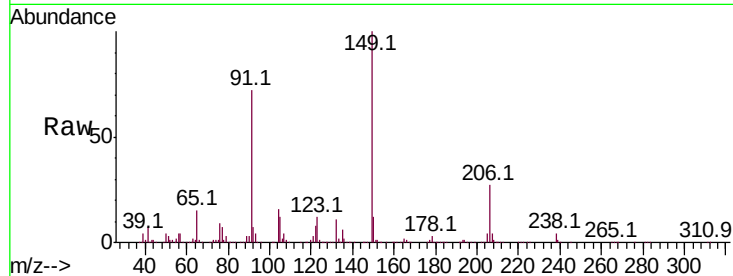
#79
 Butylbenzylphthalate
 Concen: 46.469 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.2	62.0	93.0	
206	26.8	19.6	29.4	

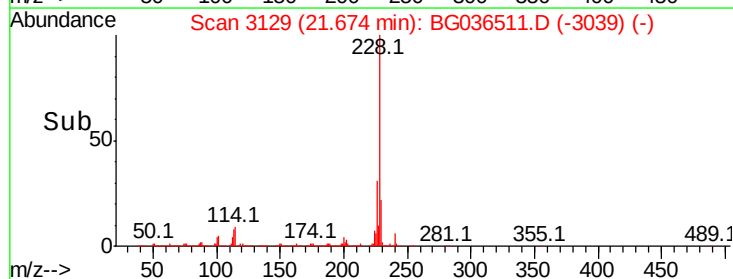
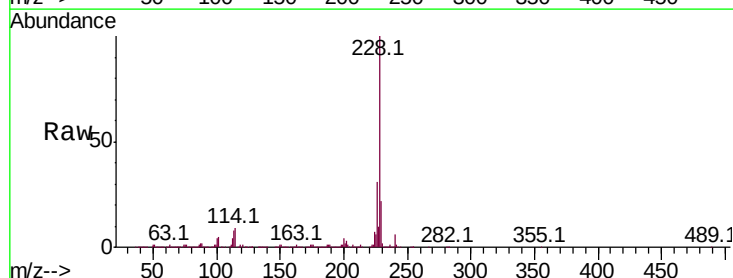
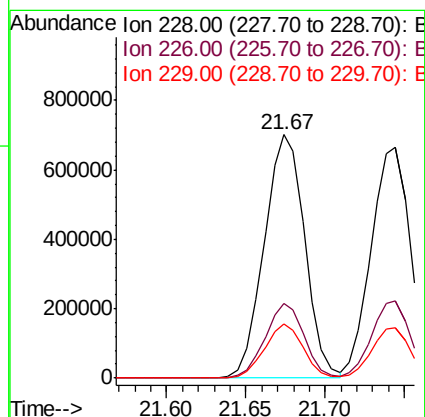
Manual Integrations
 APPROVED

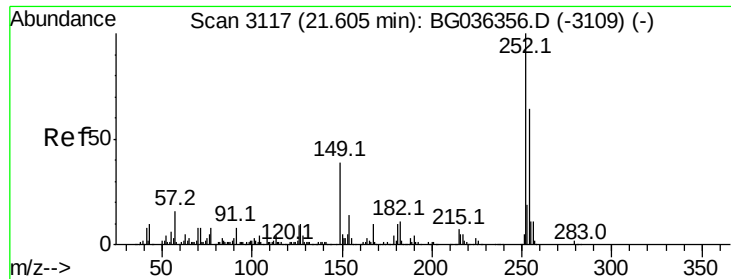
Sohil
 9/4/2018 4:39:28 PM



#80
 Benzo(a)anthracene
 Concen: 47.850 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.6	23.4	35.2	
229	22.2	17.1	25.7	





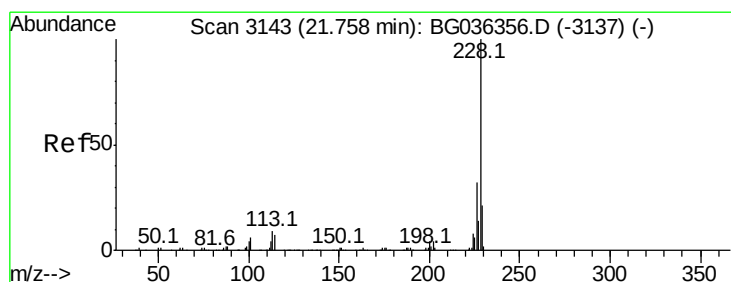
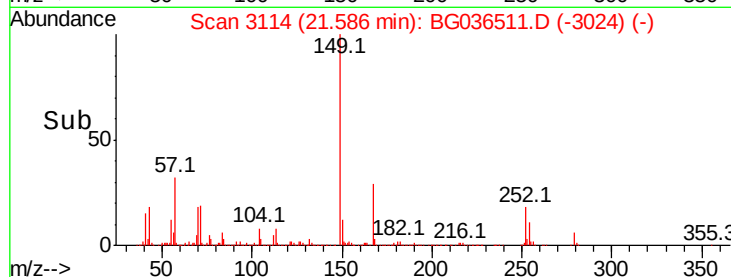
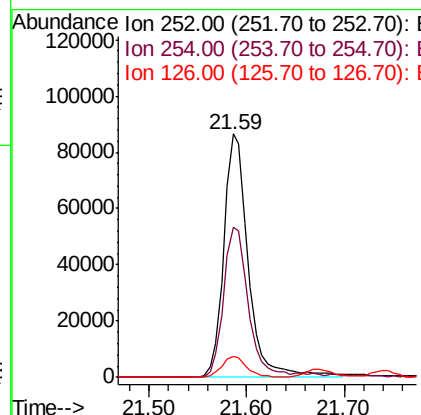
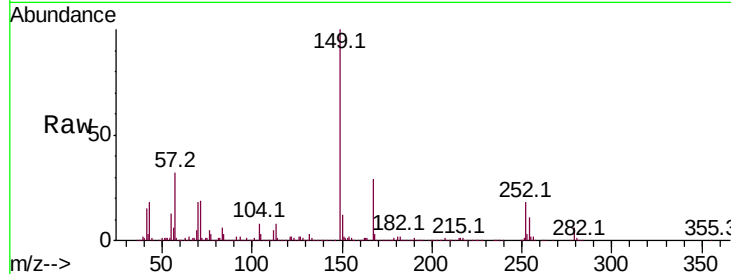
#81
 3,3'-Dichlorobenzidine
 Concen: 14.542 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.0	76.4
126	8.8	7.4	11.0

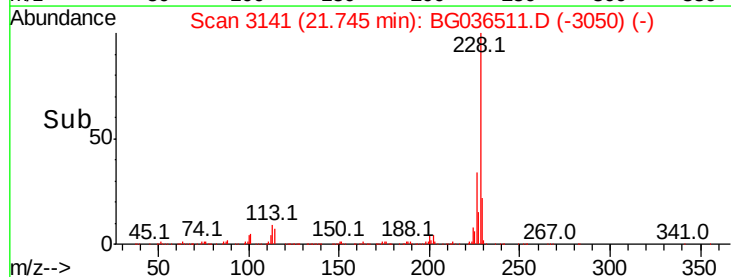
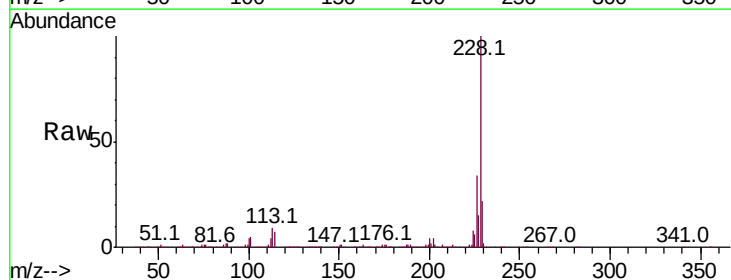
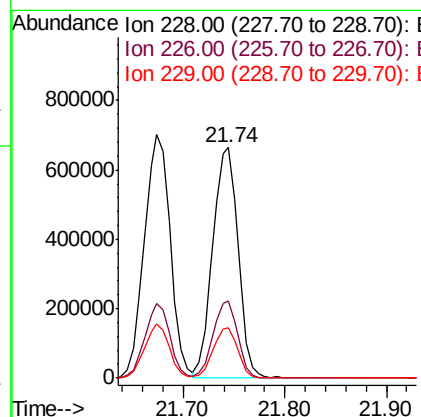
Manual Integrations
 APPROVED

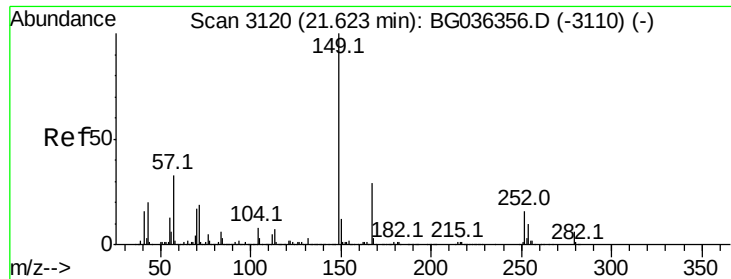
Sohil
 9/4/2018 4:39:28 PM



#82
 Chrysene
 Concen: 46.661 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.5	38.3
229	21.7	16.9	25.3





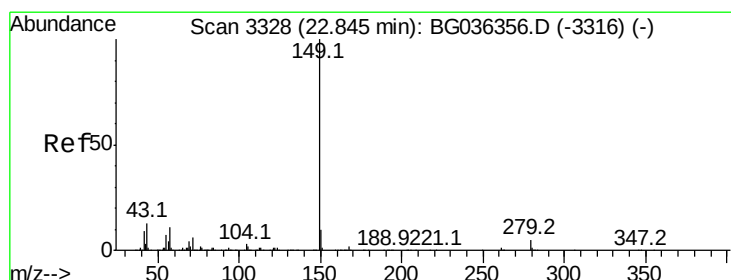
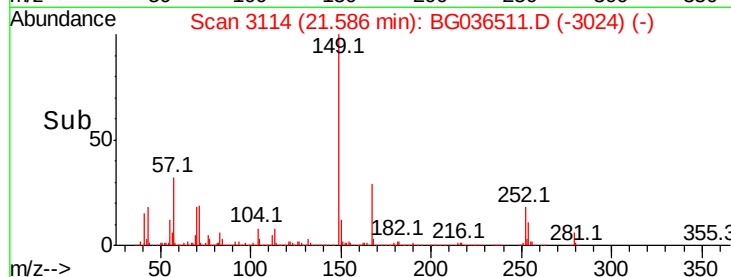
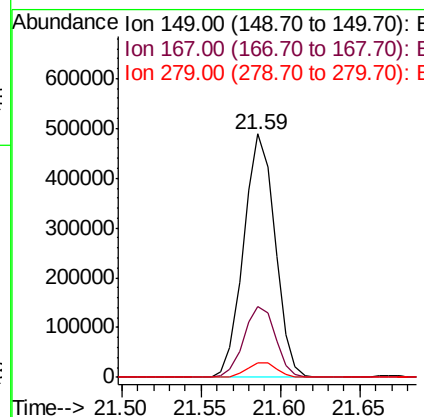
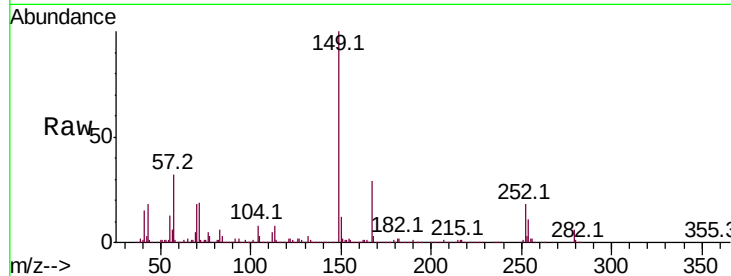
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.801 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.9	4.6	7.0

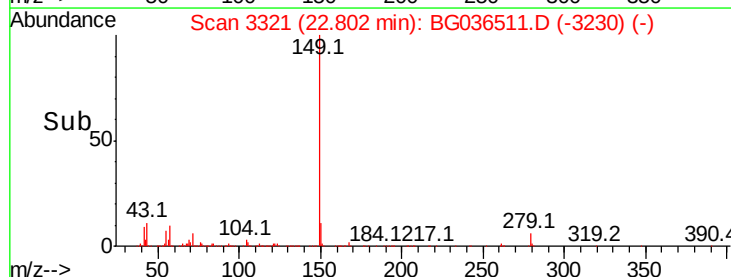
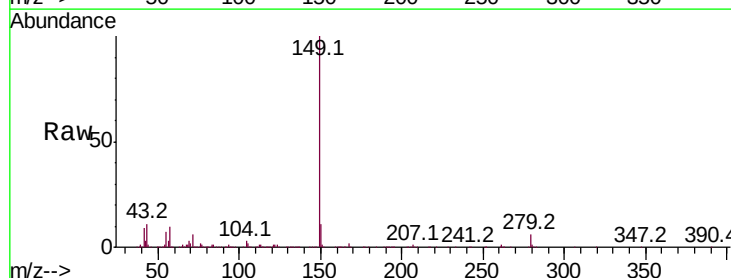
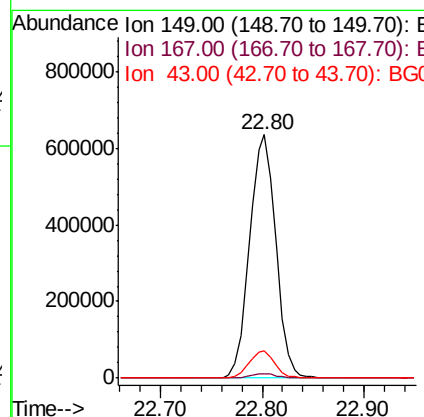
Manual Integrations
 APPROVED

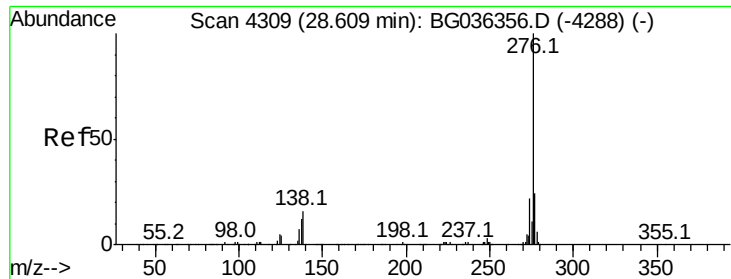
Sohil
 9/4/2018 4:39:28 PM



#84
 Di-n-octyl phthalate
 Concen: 46.182 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.218 ng

RT: 28.56 min Scan# 4301

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

ClientSampleId :

BU-02-083018MSD

Tot Ion:276 Resp: 1295947

Ion Ratio Lower Upper

276 100

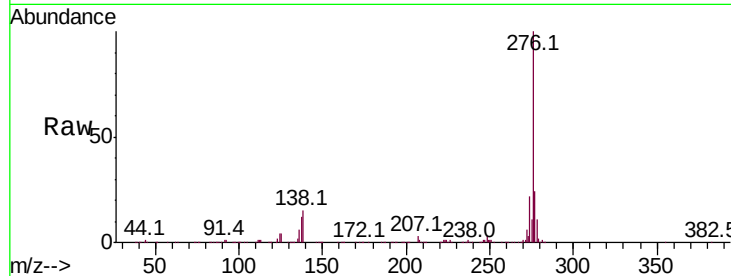
138 12.0 10.6 15.8

277 25.5 20.6 30.8

Manual Integrations
APPROVED

Sohil

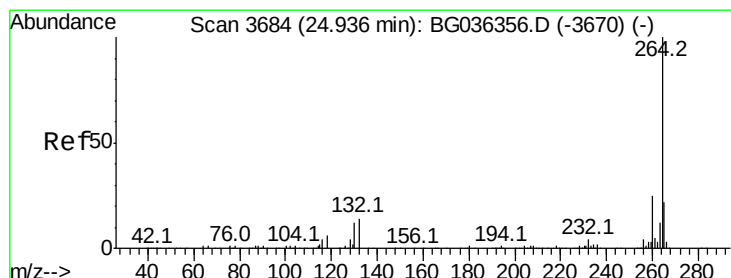
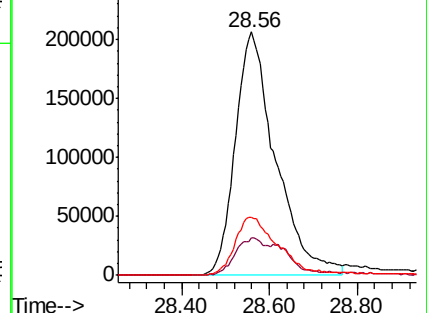
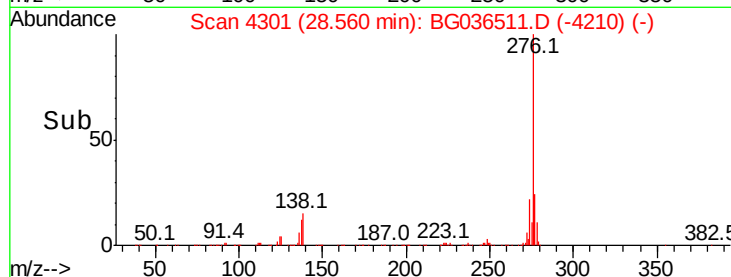
9/4/2018 4:39:28 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

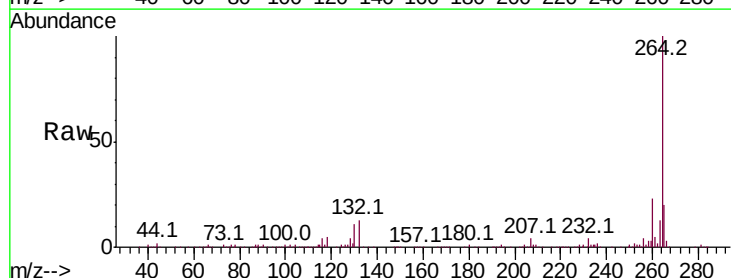
Tgt Ion:264 Resp: 449408

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

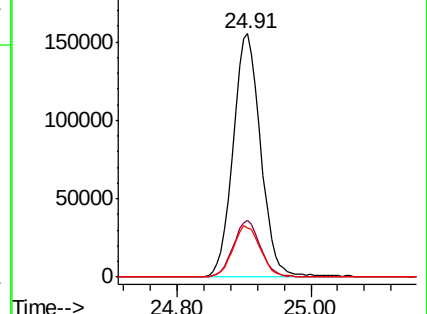
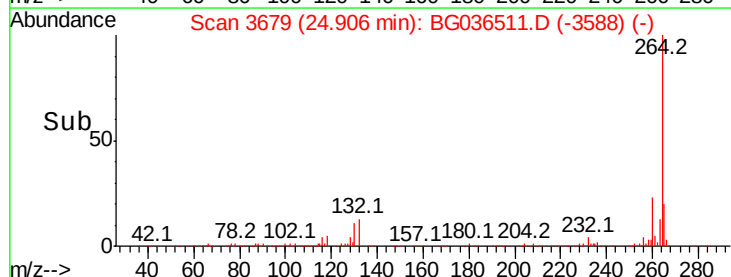
265 20.3 17.4 26.0

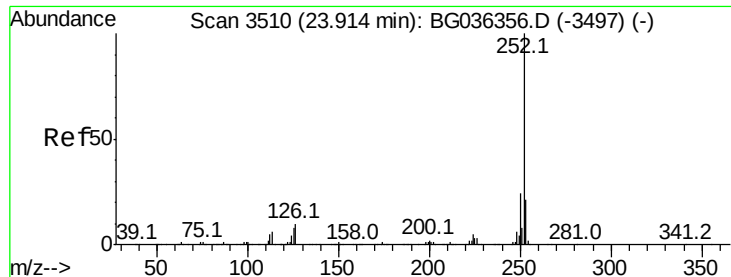


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.959 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Instrument :

BNA_G

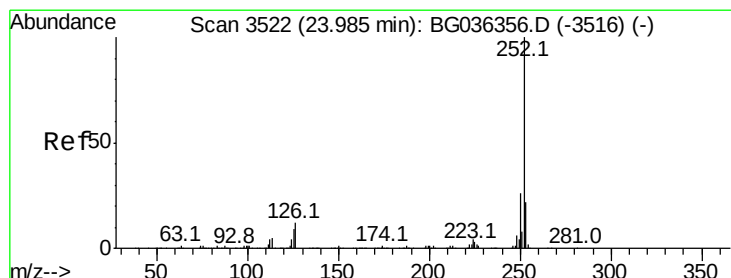
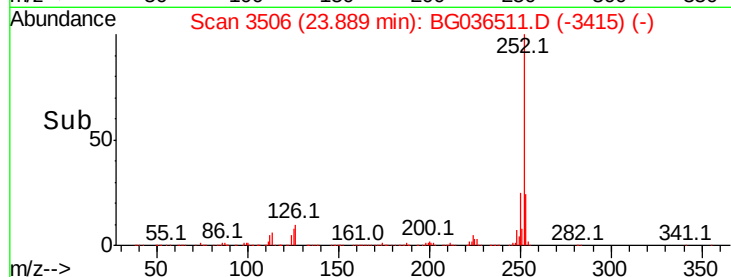
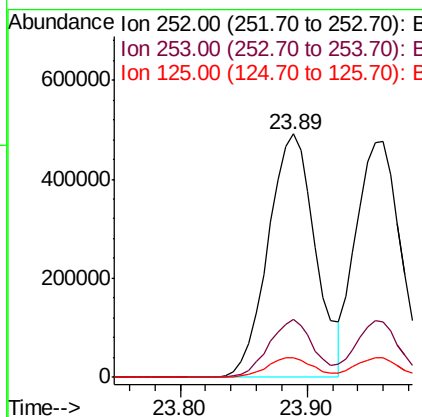
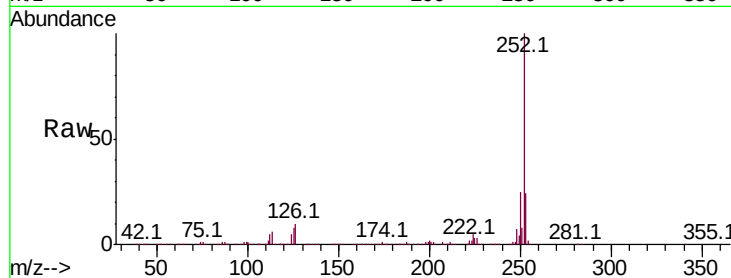
ClientSampleId :

BU-02-083018MSD

Tot Ion:	252	Resp:	1271704
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	7.8	6.6	10.0

Manual Integrations
APPROVED

Sohil
9/4/2018 4:39:28 PM



#88

Benzo(k)fluoranthene

Concen: 47.990 ng

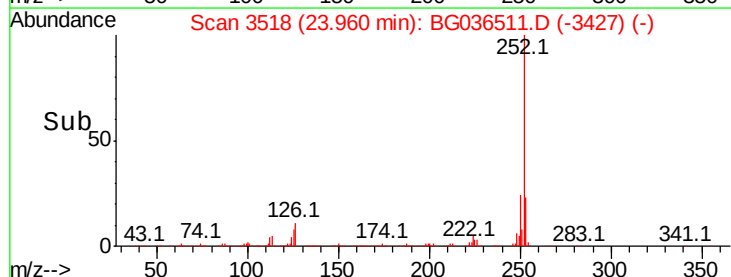
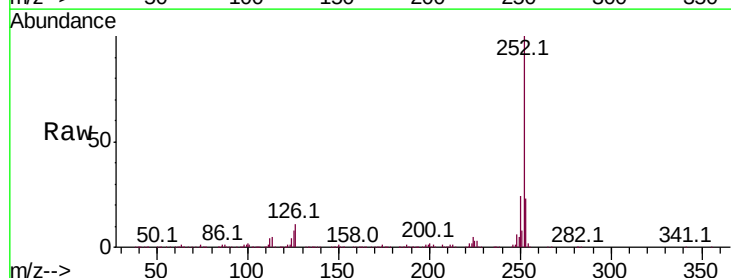
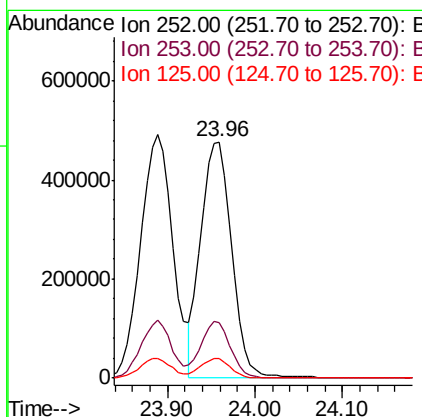
RT: 23.96 min Scan# 3518

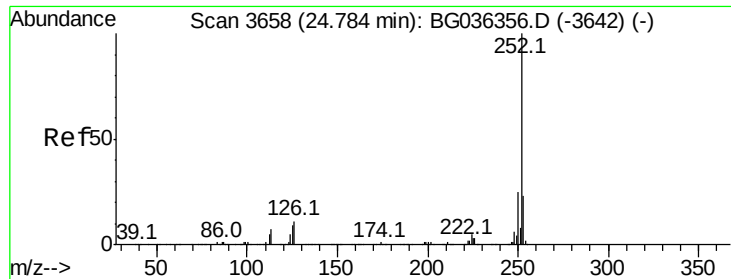
Delta R.T. 0.00 min

Lab File: BG036511.D

Acq: 31 Aug 2018 18:29

Tgt Ion:	252	Resp:	1170028
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.2	7.0	10.6





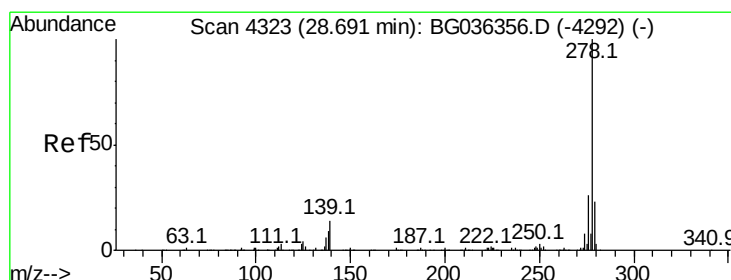
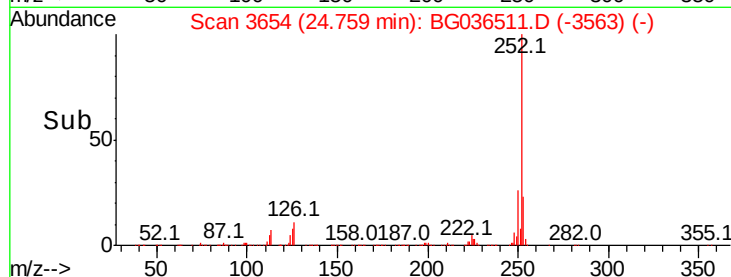
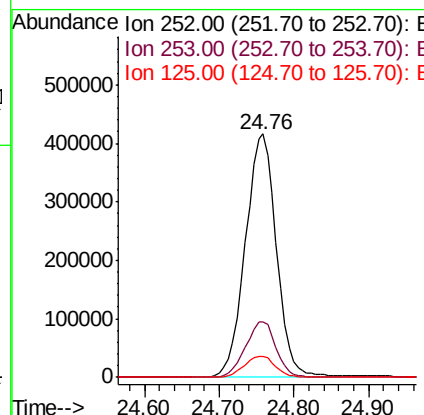
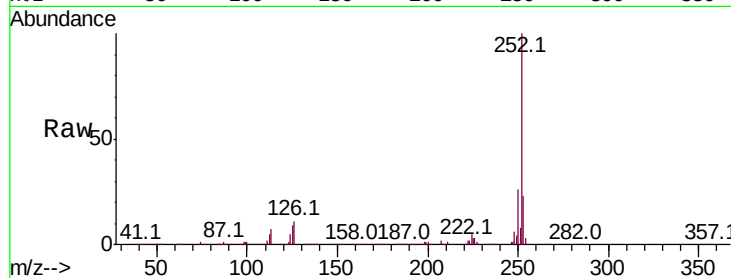
#89
Benzo(a)pyrene
Concen: 49.938 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.5	7.3	10.9

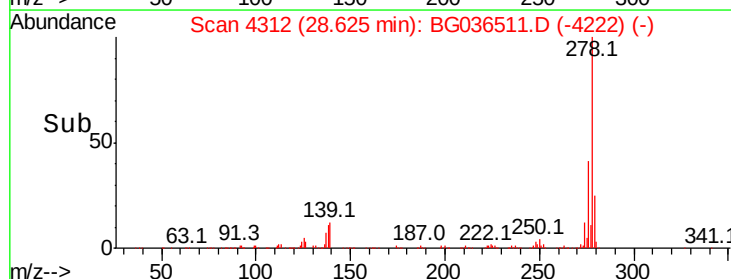
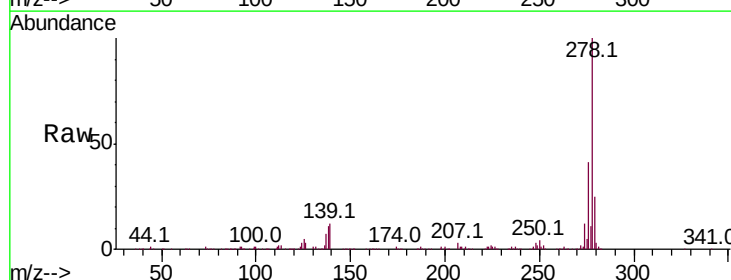
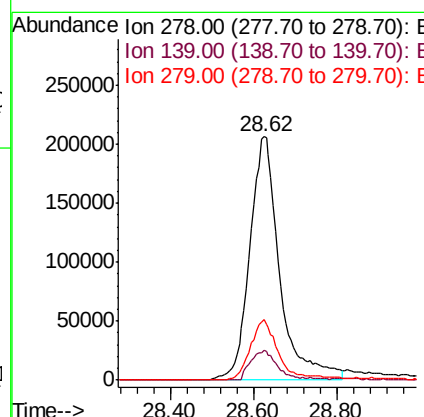
Manual Integrations
APPROVED

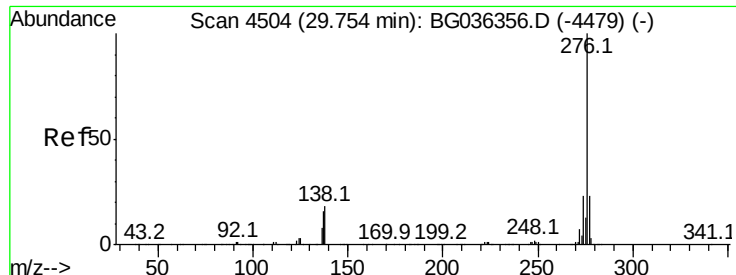
Sohil
9/4/2018 4:39:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.729 ng
RT: 28.62 min Scan# 4312
Delta R.T. -0.00 min
Lab File: BG036511.D
Acq: 31 Aug 2018 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.0	16.4
279	24.7	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 43.937 ng
 RT: 29.70 min Scan# 4495
 Delta R.T. 0.00 min
 Lab File: BG036511.D
 Acq: 31 Aug 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	16.7	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/4/2018 4:39:28 PM

