

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037518.D
 Acq On : 24 Oct 2018 19:27
 Operator : JU/SJ
 Sample : J4771-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Manual Integrations
 APPROVED

Sohil
 10/25/2018 2:13:01 PM

Quant Time: Oct 25 08:14:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	255967	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	167897	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	405362	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360104	20.00	ng	0.00
87) Perylene-d12	25.10	264	379177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	419963	118.62	ng	0.00
7) Phenol-d6	7.25	99	559665	104.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	384251	84.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246122	134.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885521	79.53	ng	0.00
79) Terphenyl-d14	20.09	244	1387997	82.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	55851	31.107	ng	# 87
3) Pyridine	3.95	79	143671	31.749	ng	94
4) n-Nitrosodimethylamine	3.86	42	78529	48.720	ng	# 90
6) Aniline	7.43	93	123013	18.835	ng	97
8) 2-Chlorophenol	7.67	128	195400	47.178	ng	98
9) Benzaldehyde	7.24	77	93679	27.974	ng	96
10) Phenol	7.28	94	225115	39.854	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	188269	43.885	ng	97
12) 1,3-Dichlorobenzene	7.99	146	191908	41.621	ng	97
13) 1,4-Dichlorobenzene	8.14	146	195041	41.353	ng	97
14) 1,2-Dichlorobenzene	8.46	146	188571	41.563	ng	98
15) Benzyl Alcohol	8.35	79	189655	47.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	340883	44.408	ng	98
17) 2-Methylphenol	8.54	107	176198	47.183	ng	100
18) Hexachloroethane	9.19	117	71398	44.404	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	158945	43.116	ng	94
20) 3+4-Methylphenols	8.86	107	244420	45.779	ng	97
22) Acetophenone	8.93	105	293602	45.736	ng	98
24) Nitrobenzene	9.33	77	226805	47.780	ng	94
25) Isophorone	9.85	82	459769	55.070	ng	97
26) 2-Nitrophenol	10.04	139	109968	51.425	ng	99
27) 2,4-Dimethylphenol	10.08	122	216408	56.680	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	275277	50.325	ng	96
29) 2,4-Dichlorophenol	10.57	162	216853	51.011	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	204056	44.140	ng	97
31) Naphthalene	10.98	128	612778	48.740	ng	99
32) Benzoic acid	10.20	122	124606	50.247	ng	97
33) 4-Chloroaniline	11.09	127	21770	3.685	ng	92
34) Hexachlorobutadiene	11.24	225	118215	43.146	ng	97
35) Caprolactam	11.88	113	62719m	36.787	ng	
36) 4-Chloro-3-methylphenol	12.19	107	244583	51.016	ng	99
37) 2-Methylnaphthalene	12.58	142	468403	51.109	ng	99
38) 1-Methylnaphthalene	12.79	142	446888	50.210	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	239462	44.217	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037518.D
 Acq On : 24 Oct 2018 19:27
 Operator : JU/SJ
 Sample : J4771-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 NB-08-102318MSD

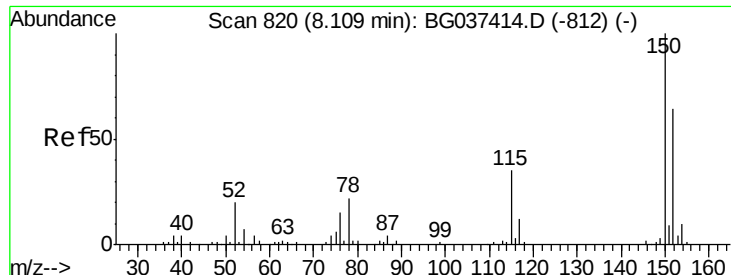
Manual Integrations
 APPROVED

Sohil
 10/25/2018 2:13:01 PM

Quant Time: Oct 25 08:14:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	266436	102.995	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	186188	51.461	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	204480	51.909	ng	98
46) 1,1'-Biphenyl	13.58	154	614120	44.166	ng	98
47) 2-Chloronaphthalene	13.62	162	489684	46.550	ng	99
48) 2-Nitroaniline	13.83	65	168604	52.853	ng	95
49) Acenaphthylene	14.46	152	817089	51.635	ng	100
50) Dimethylphthalate	14.19	163	662704	51.021	ng	100
51) 2,6-Dinitrotoluene	14.32	165	148002	51.508	ng	96
52) Acenaphthene	14.80	154	483285	49.590	ng	98
53) 3-Nitroaniline	14.65	138	77235	24.213	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	131166	92.966	ng	93
55) Dibenzofuran	15.14	168	761179	47.141	ng	100
56) 4-Nitrophenol	14.95	139	309663	131.150	ng	98
57) 2,4-Dinitrotoluene	15.10	165	210588	55.832	ng	95
58) Fluorene	15.79	166	628080	51.943	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178888	53.039	ng	98
60) Diethylphthalate	15.54	149	678971	50.916	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	327784	46.509	ng	99
62) 4-Nitroaniline	15.81	138	162547	51.282	ng	92
63) Azobenzene	16.07	77	636173	50.001	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	106424	49.671	ng	97
66) n-Nitrosodiphenylamine	15.99	169	583259	47.834	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	206760	46.447	ng	96
68) Hexachlorobenzene	16.78	284	210722	45.674	ng	98
69) Atrazine	16.93	200	216468	49.102	ng	99
70) Pentachlorophenol	17.12	266	262971	85.094	ng	97
71) Phenanthrene	17.53	178	1042165	50.586	ng	99
72) Anthracene	17.62	178	1057369	52.299	ng	97
73) Carbazole	17.89	167	968416	47.885	ng	99
74) Di-n-butylphthalate	18.43	149	1152118	51.212	ng	100
75) Fluoranthene	19.53	202	1204579	51.552	ng	98
77) Benzidine	19.72	184	76379	6.238	ng	96
78) Pyrene	19.89	202	1201946	51.059	ng	100
80) Butylbenzylphthalate	20.77	149	526541	54.653	ng	97
81) Benzo(a)anthracene	21.75	228	1127062	52.914	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	211535	25.622	ng	98
83) Chrysene	21.82	228	1045331	51.038	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	728907	53.976	ng	97
85) Di-n-octyl phthalate	22.87	149	1226100	55.678	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1156133	52.629	ng	# 90
88) Benzo(b)fluoranthene	24.04	252	1091374	52.500	ng	99
89) Benzo(k)fluoranthene	24.11	252	1083618	53.206	ng	97
90) Benzo(a)pyrene	24.95	252	1064624	53.896	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	954176	52.367	ng	97
92) Benzo(g,h,i)perylene	30.14	276	929330	50.413	ng	99

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



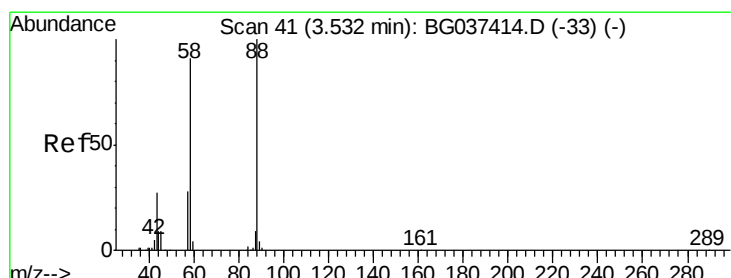
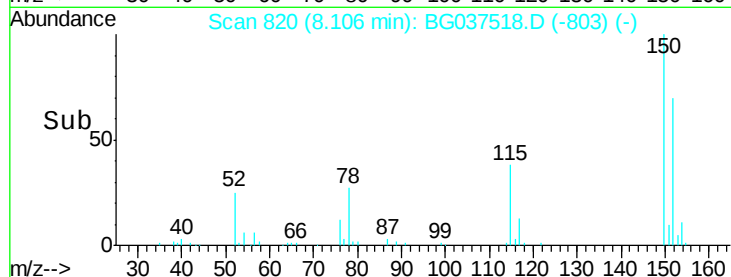
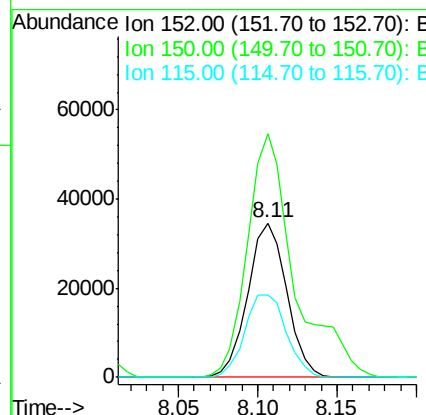
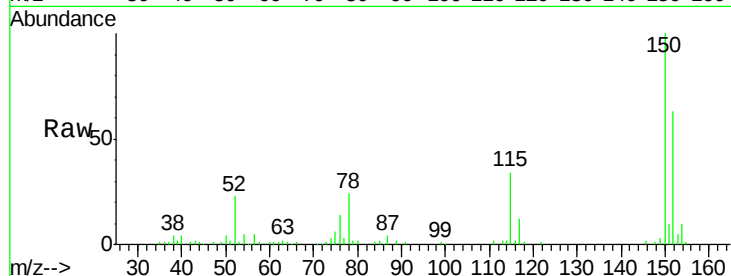
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.0	189.0
115	53.5	45.5	68.3

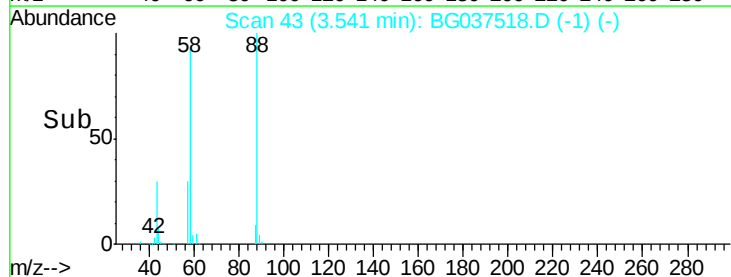
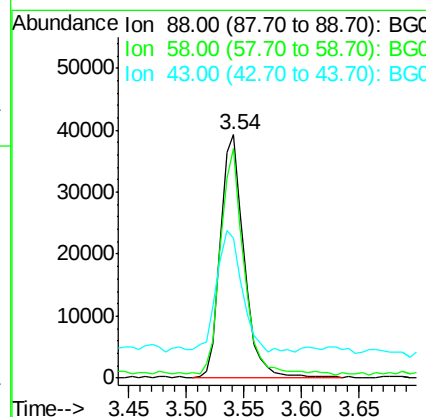
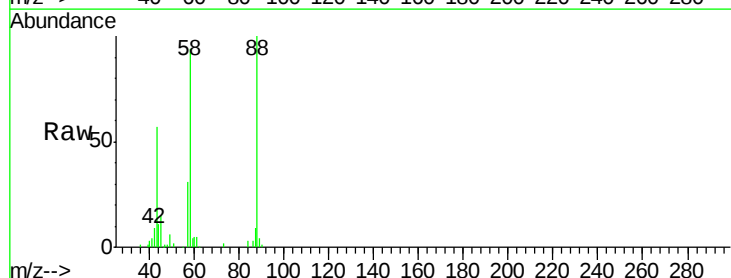
Manual Integrations
 APPROVED

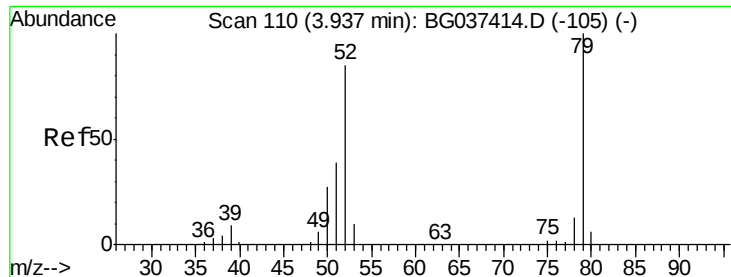
Sohil
 10/25/2018 2:13:01 PM



#2
 1,4-Dioxane
 Concen: 31.107 ng
 RT: 3.54 min Scan# 43
 Delta R.T. 0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	74.4	111.6
43	52.8	25.8	38.8#





#3

Pyridine

Concen: 31.749 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

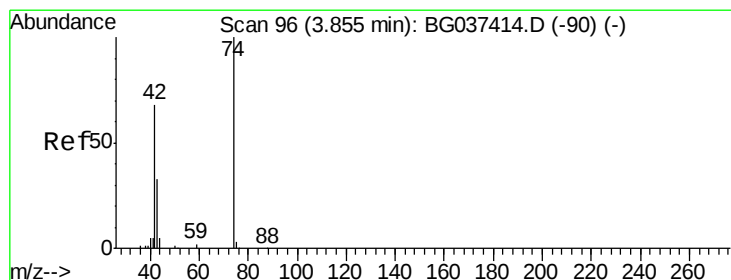
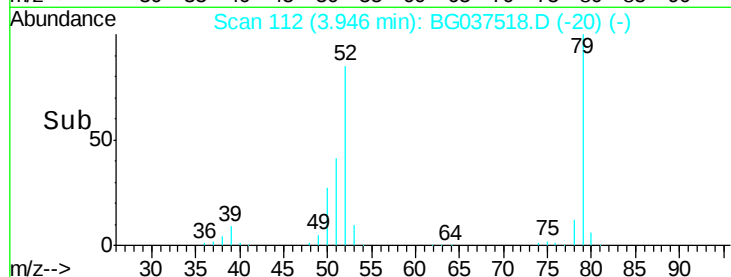
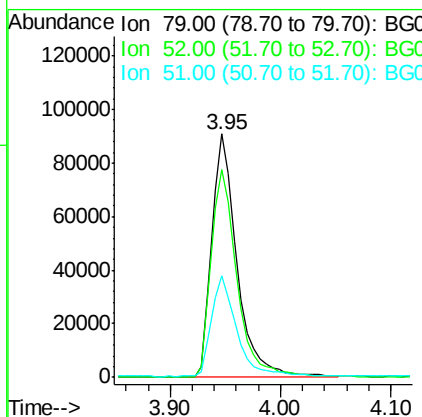
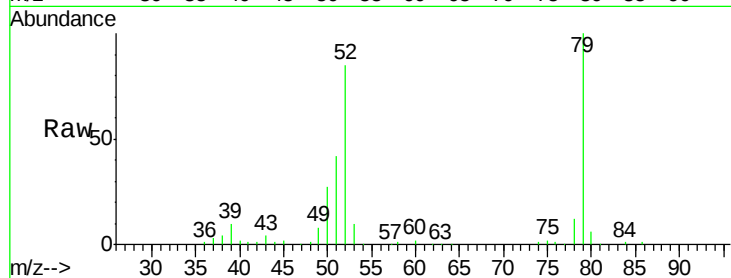
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	79	Resp:	143671
Ion Ratio	Lower	Upper	
79	100		
52	85.3	74.2	111.2
51	41.8	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#4

n-Nitrosodimethylamine

Concen: 48.720 ng

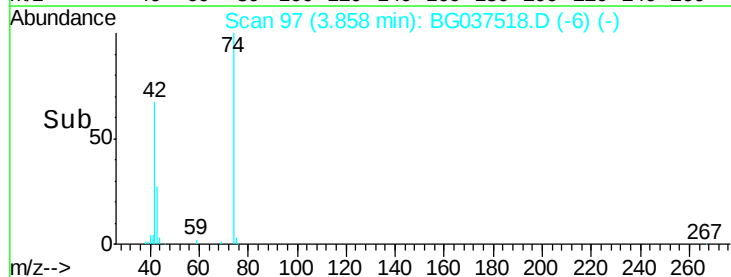
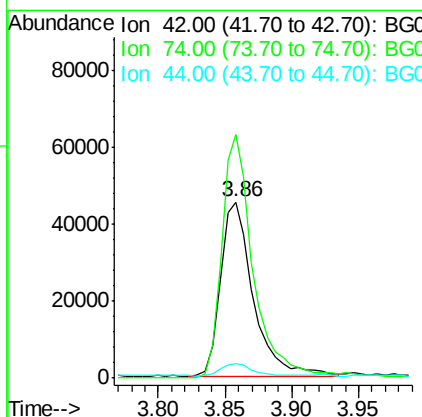
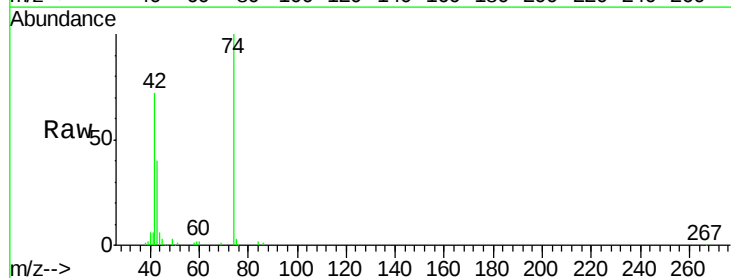
RT: 3.86 min Scan# 97

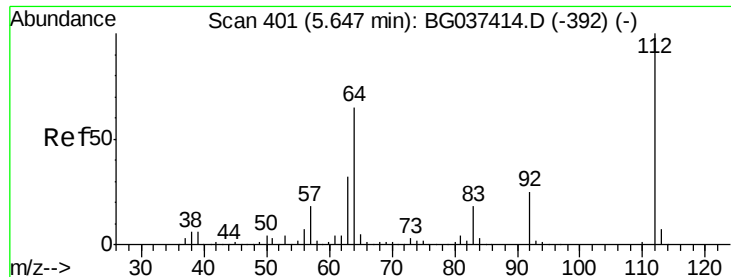
Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	42	Resp:	78529
Ion Ratio	Lower	Upper	
42	100		
74	138.5	102.0	153.0
44	8.4	9.6	14.4





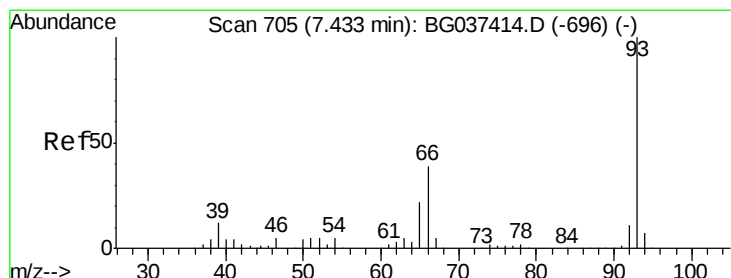
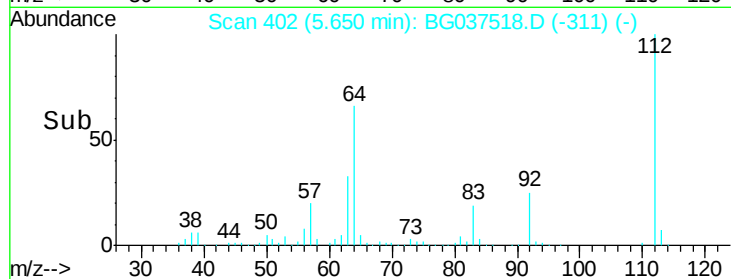
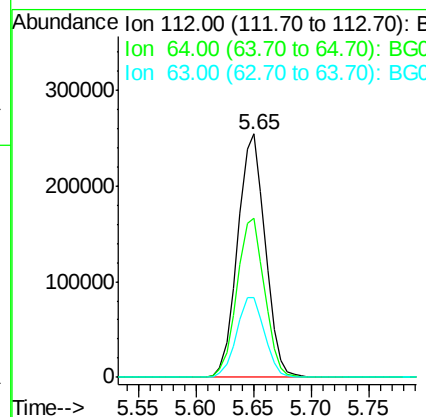
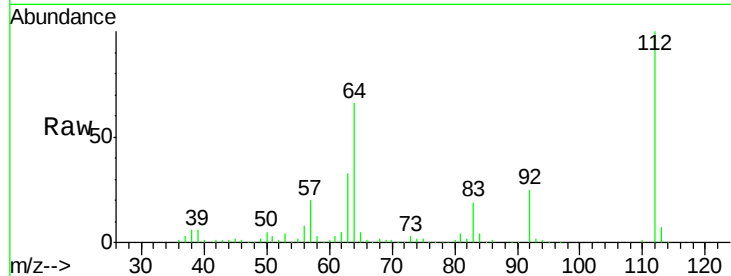
#5
2-Fluorophenol
Concen: 118.621 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion:	112	Resp:	419963
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.1	79.7
63	32.9	27.3	40.9

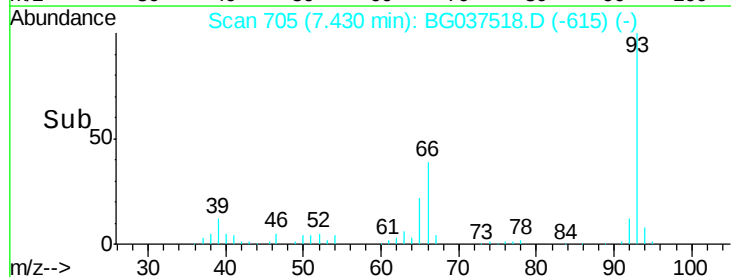
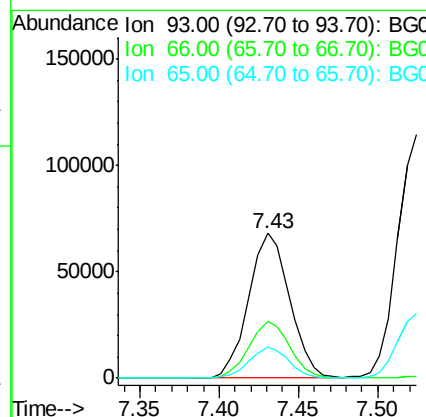
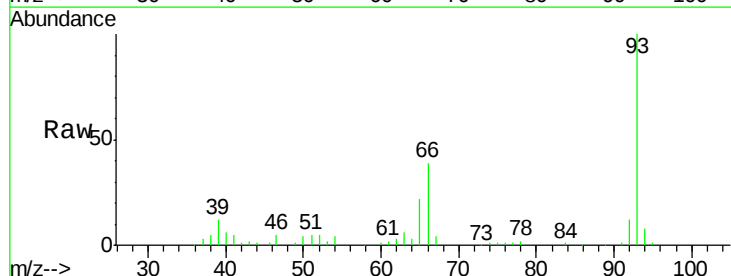
Manual Integrations
APPROVED

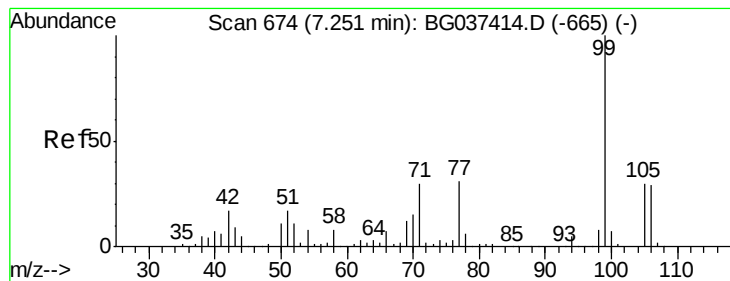
Sohil
10/25/2018 2:13:01 PM



#6
Aniline
Concen: 18.835 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:	93	Resp:	123013
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.8	49.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 104.542 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

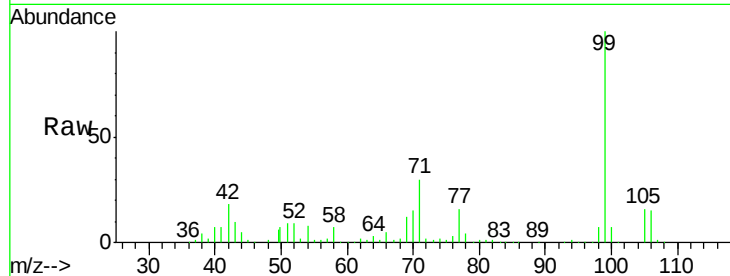
ClientSampleId :

NB-08-102318MSD

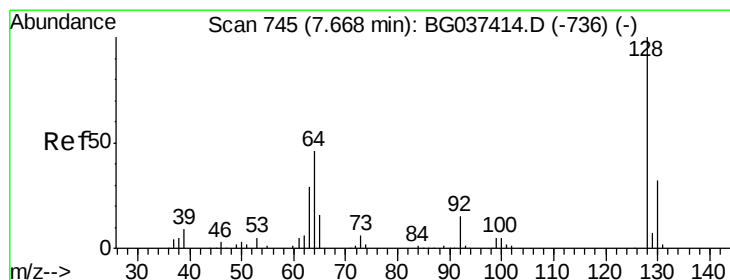
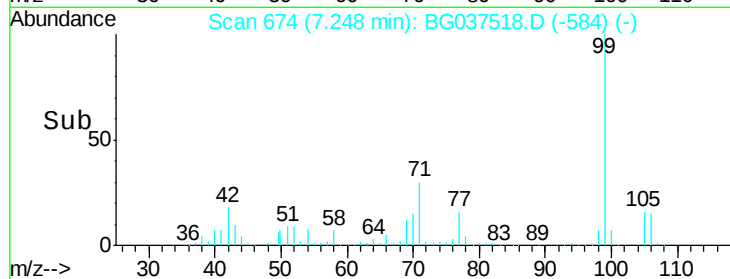
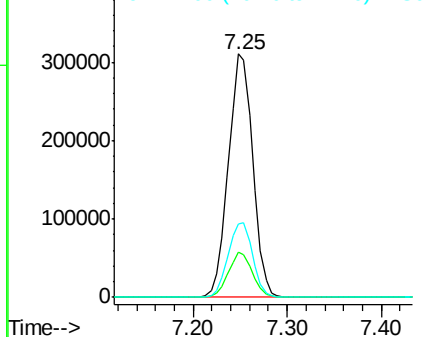
Tgt Ion:	99	Resp:	559665
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.0	22.4
71	30.1	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



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



#8

2-Chlorophenol

Concen: 47.178 ng

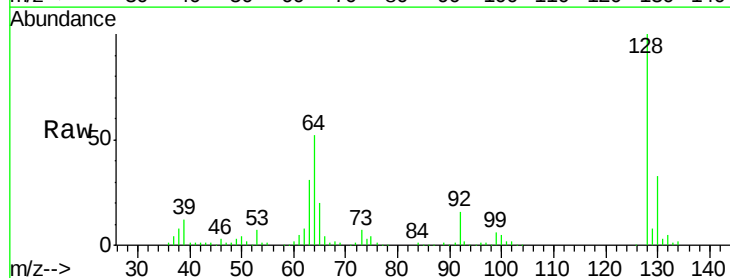
RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

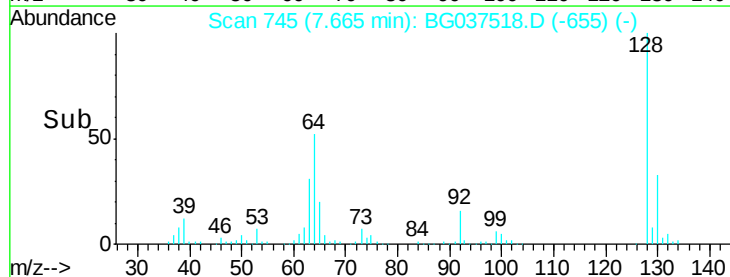
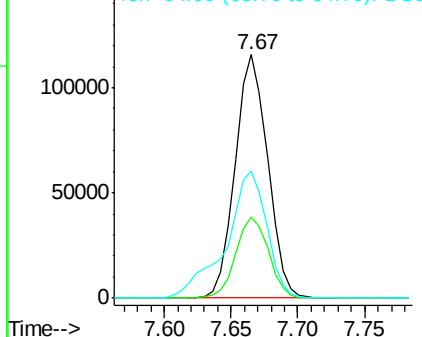
Lab File: BG037518.D

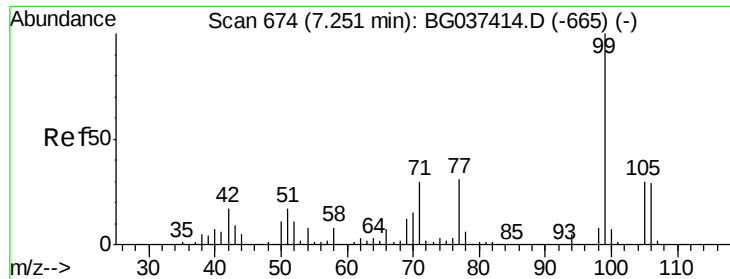
Acq: 24 Oct 2018 19:27

Tgt Ion:	128	Resp:	195400
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	52.0	32.9	72.9



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





#9

Benzaldehyde

Concen: 27.974 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

NB-08-102318MSD

Tgt Ion: 77 Resp: 93679

Ion Ratio Lower Upper

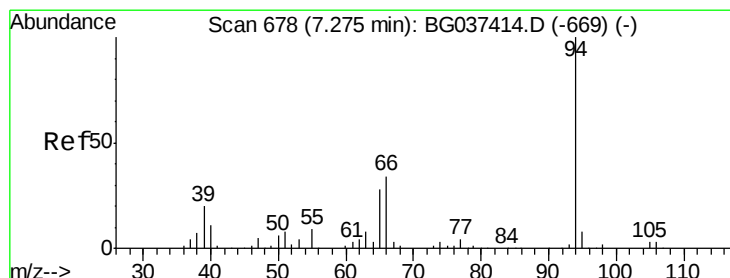
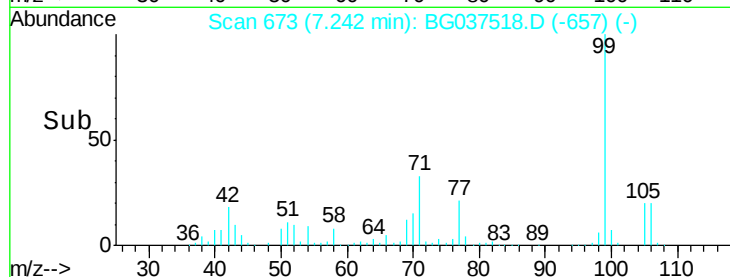
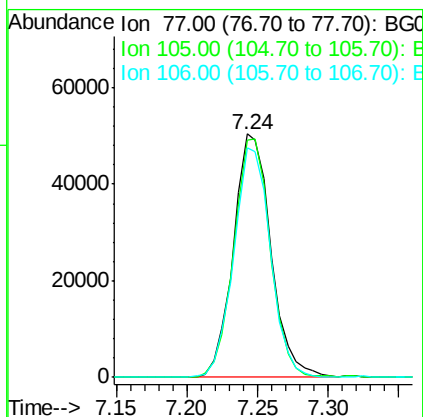
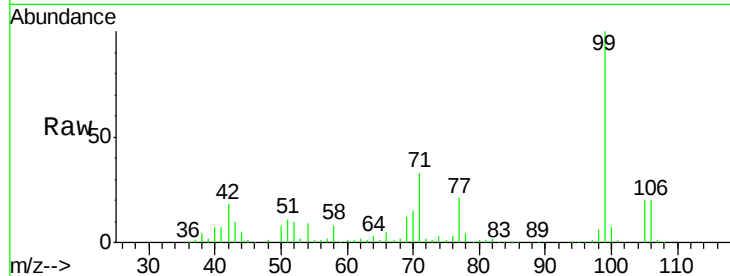
77 100

105 97.2 72.6 112.6

106 94.2 71.3 111.3

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#10

Phenol

Concen: 39.854 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

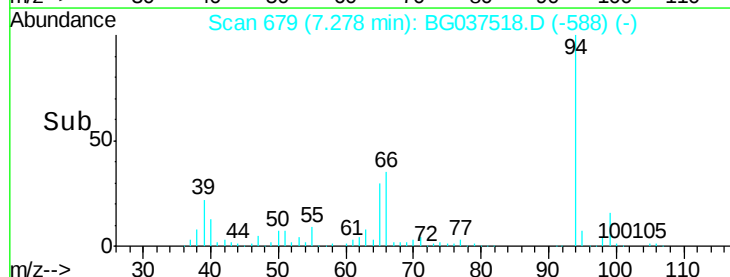
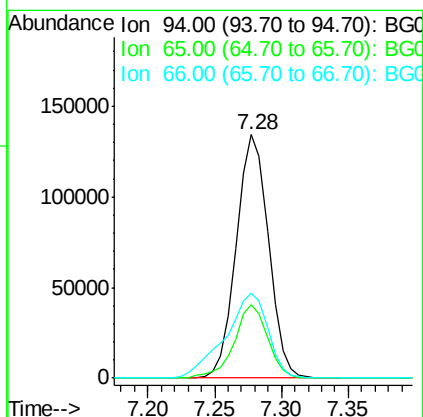
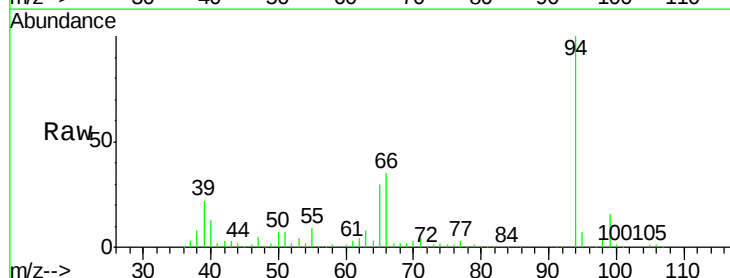
Tgt Ion: 94 Resp: 225115

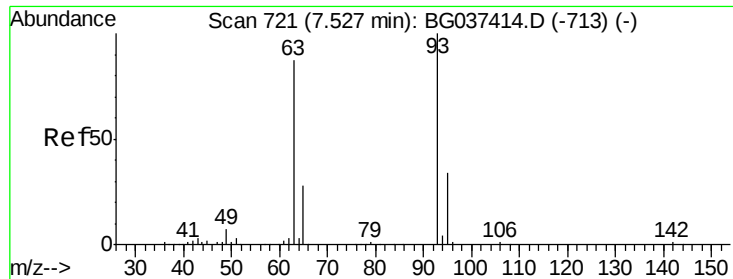
Ion Ratio Lower Upper

94 100

65 30.0 9.7 49.7

66 35.0 15.9 55.9





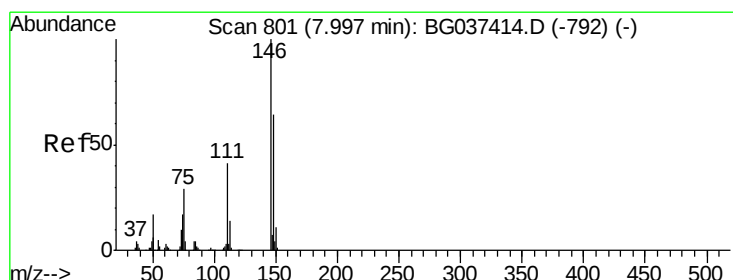
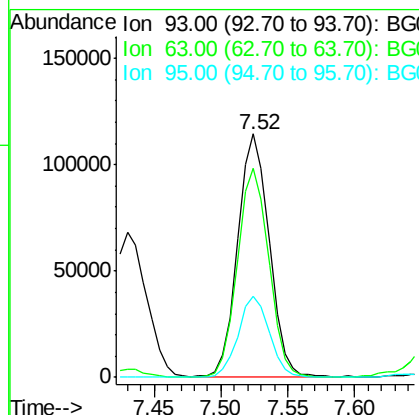
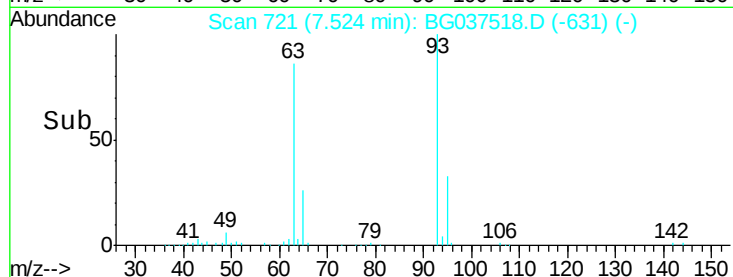
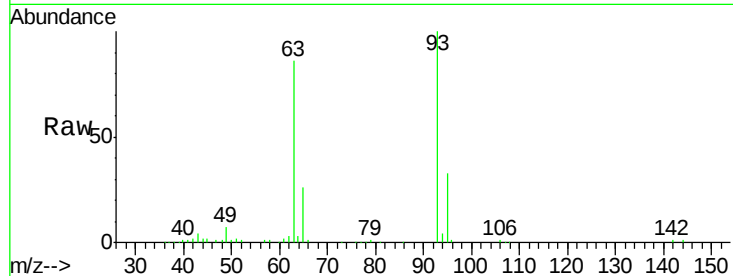
#11
 bis(2-Chloroethyl)ether
 Concen: 43.885 ng
 RT: 7.52 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion:	93	Resp:	188269
Ion	Ratio	Lower	Upper
93	100		
63	85.7	69.5	109.5
95	33.5	12.6	52.6

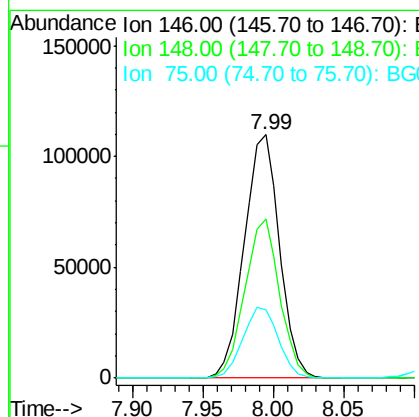
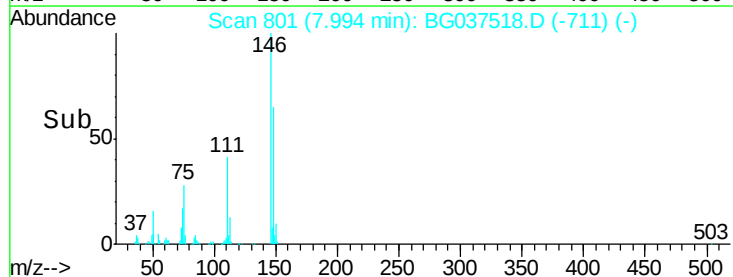
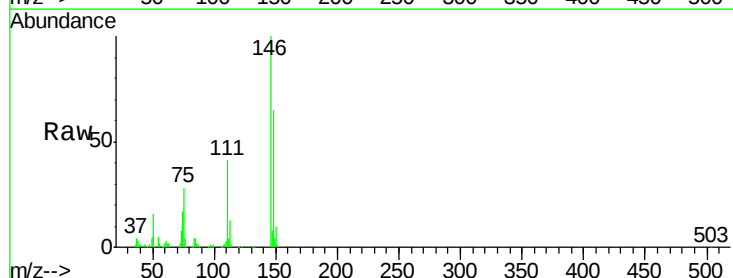
Manual Integrations
 APPROVED

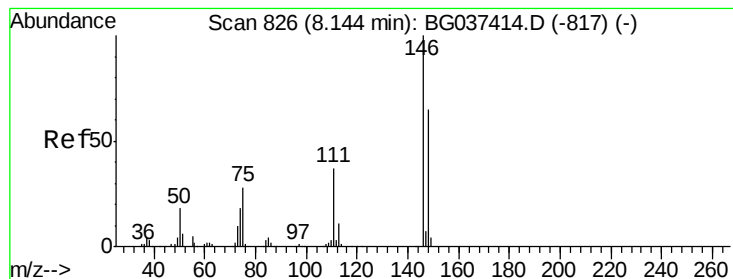
Sohil
 10/25/2018 2:13:01 PM



#12
 1,3-Dichlorobenzene
 Concen: 41.621 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion:	146	Resp:	191908
Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.8
75	28.1	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.353 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

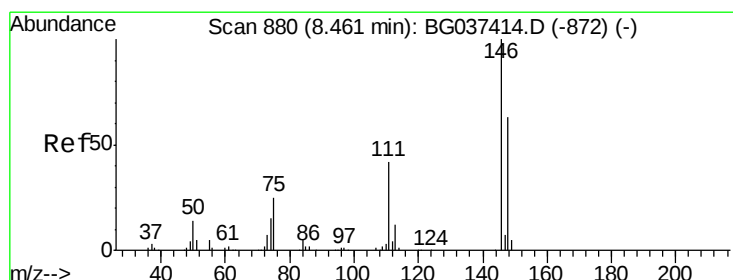
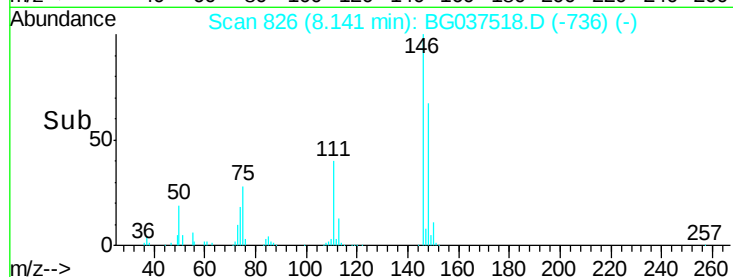
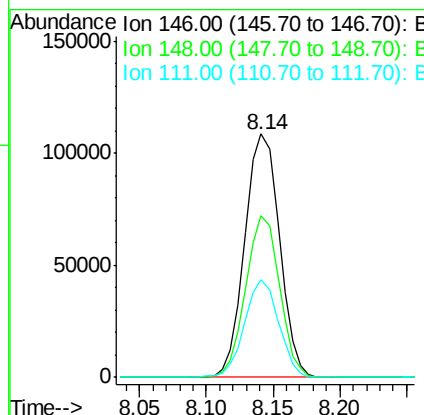
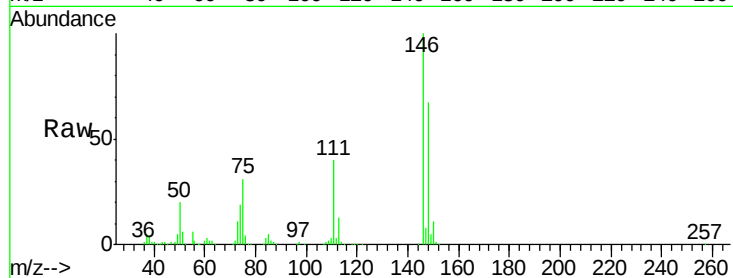
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	146	Resp:	195041
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.0	76.6
111	40.0	32.4	48.6

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#14

1,2-Dichlorobenzene

Concen: 41.563 ng

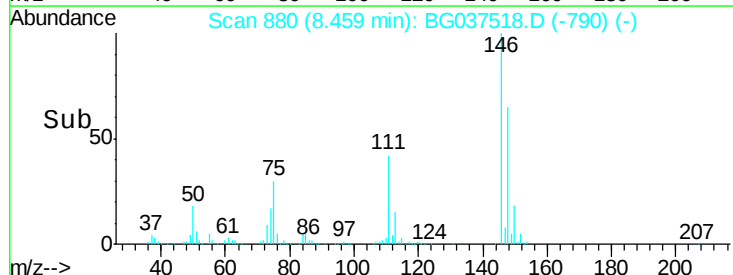
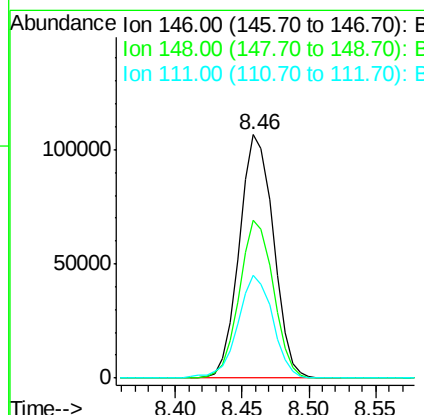
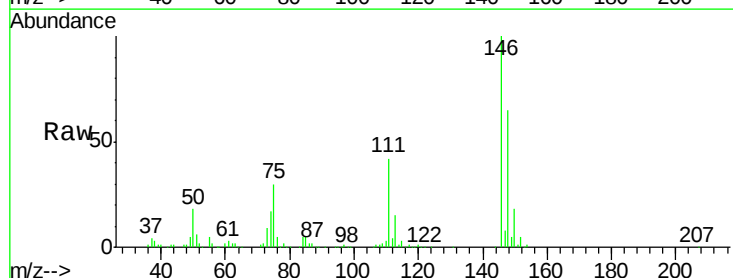
RT: 8.46 min Scan# 880

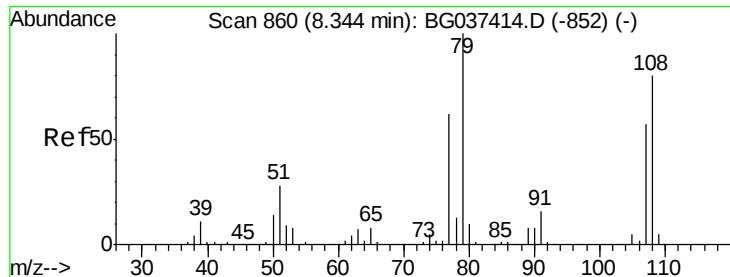
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	146	Resp:	188571
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
111	42.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 47.945 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

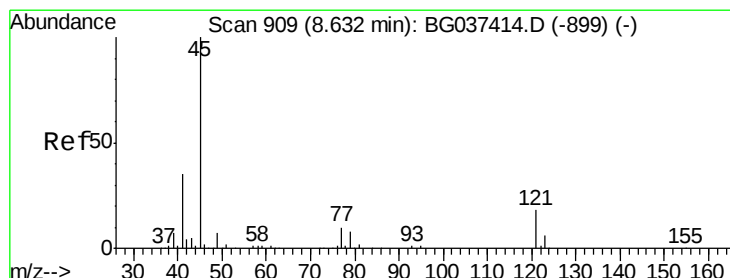
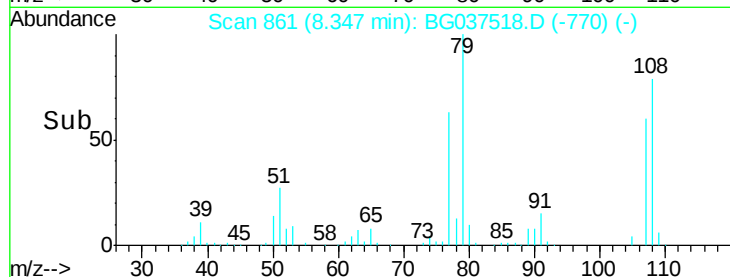
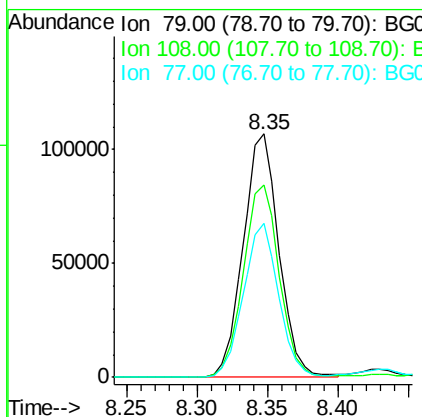
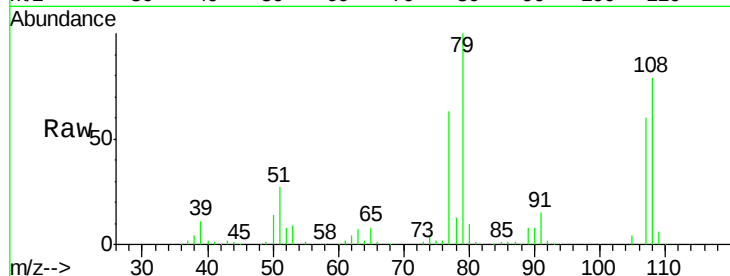
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	79	Resp:	189655
Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.8	98.8
77	63.2	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.408 ng

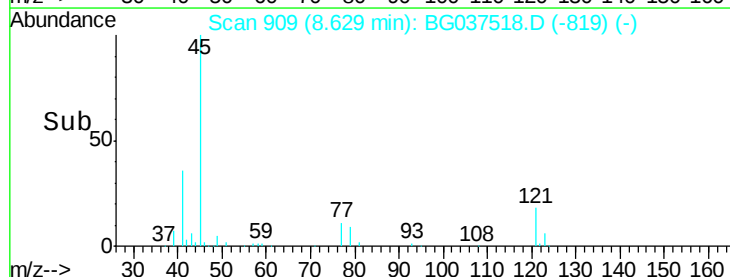
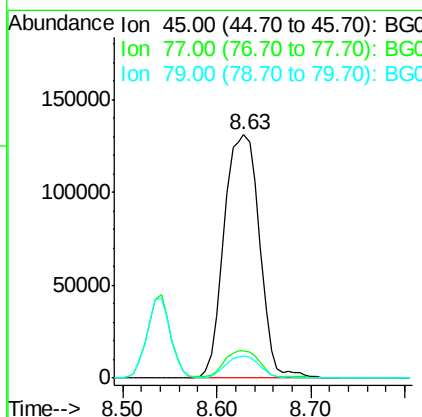
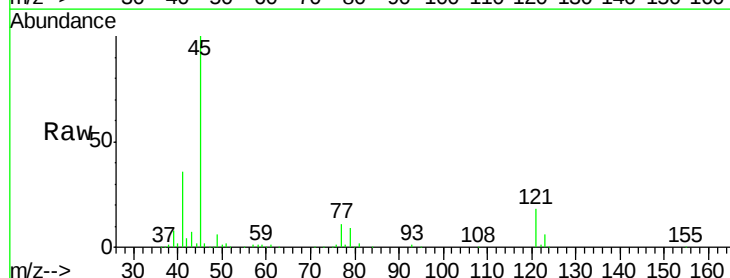
RT: 8.63 min Scan# 909

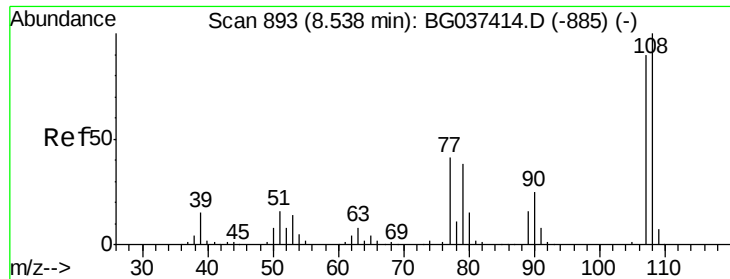
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	45	Resp:	340883
Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.0
79	9.3	0.0	29.0





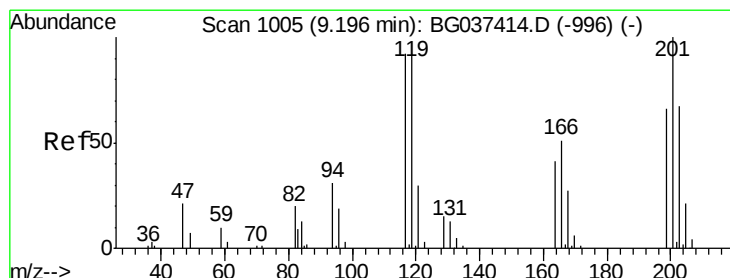
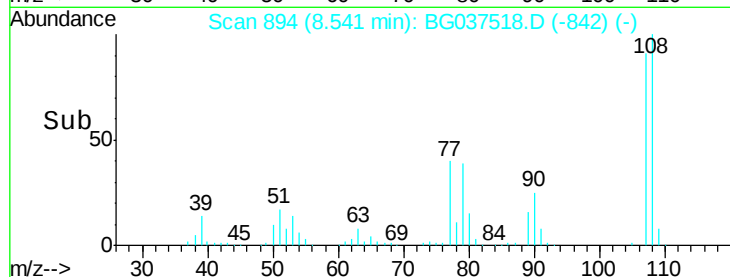
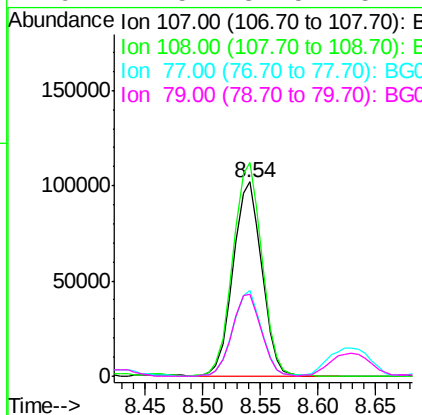
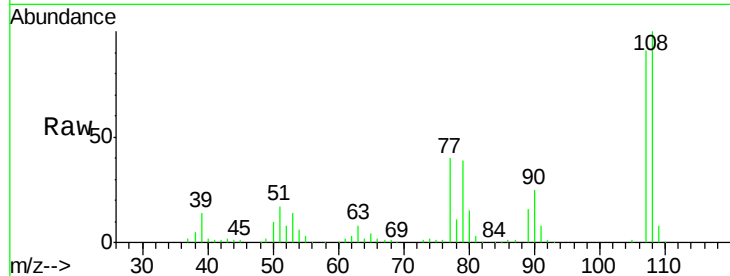
#17
2-Methylphenol
Concen: 47.183 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.9	131.9	
77	44.4	35.1	52.7	
79	42.5	34.5	51.7	

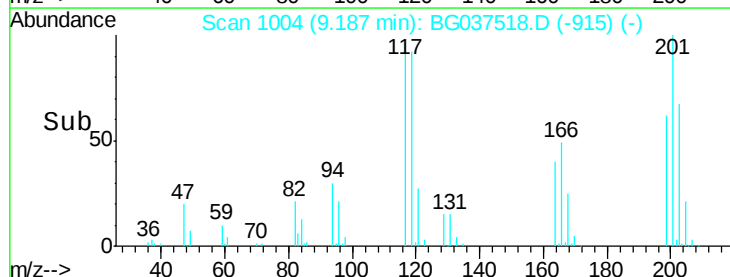
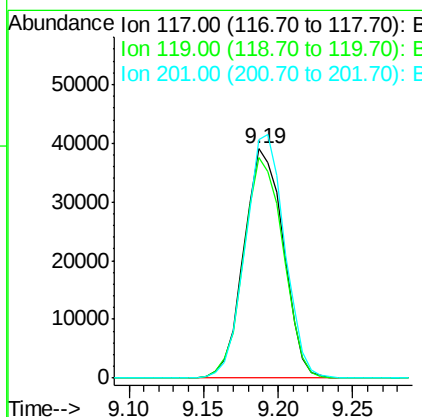
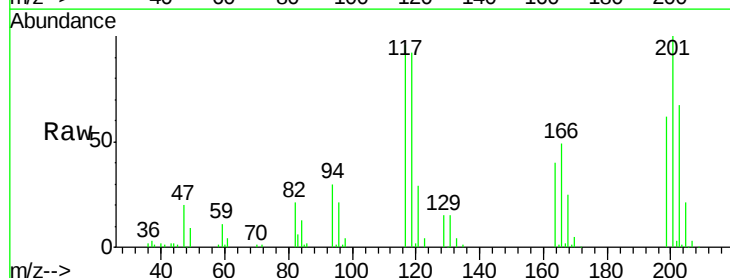
Manual Integrations
APPROVED

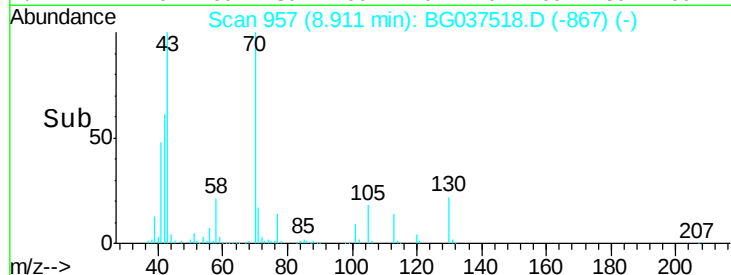
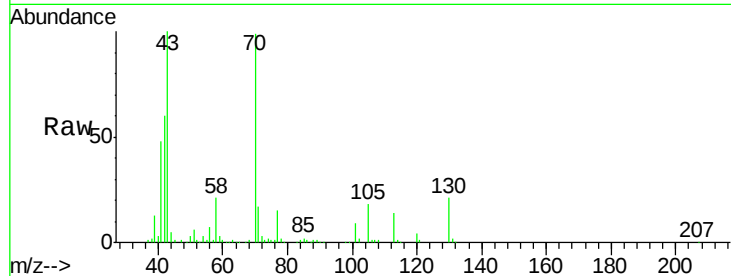
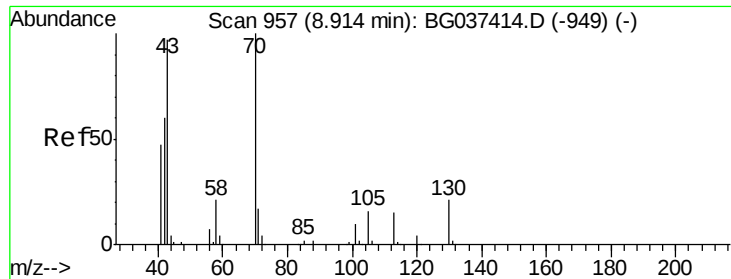
Sohil
10/25/2018 2:13:01 PM



#18
Hexachloroethane
Concen: 44.404 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	74.6	111.8	
201	107.7	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 43.116 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.2	53.9	80.9
101	9.4	8.2	12.2
130	21.8	18.2	27.4

Instrument :

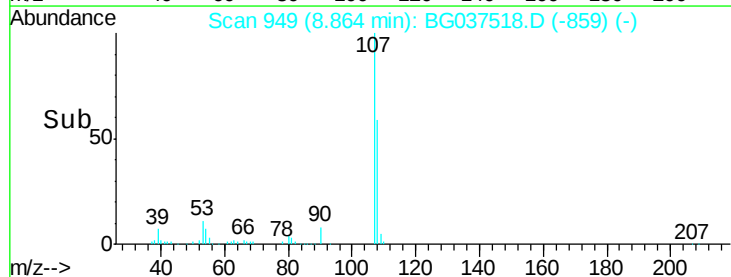
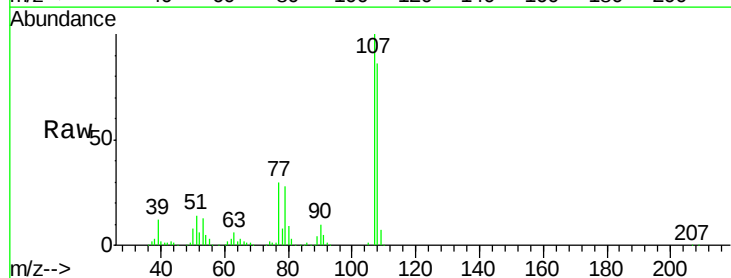
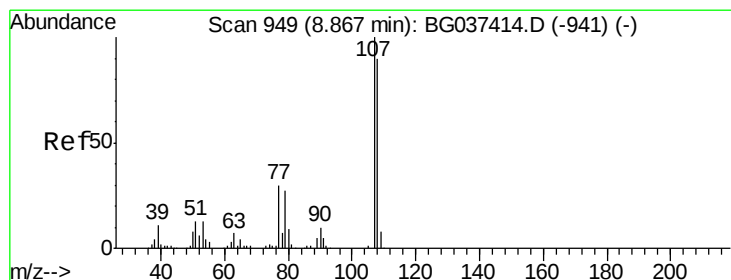
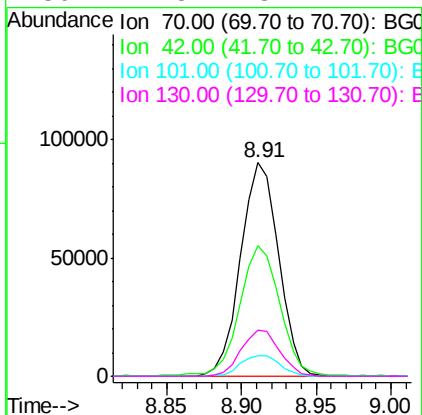
BNA_G

ClientSampleId :

NB-08-102318MSD

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#20

3+4-Methylphenols

Concen: 45.779 ng

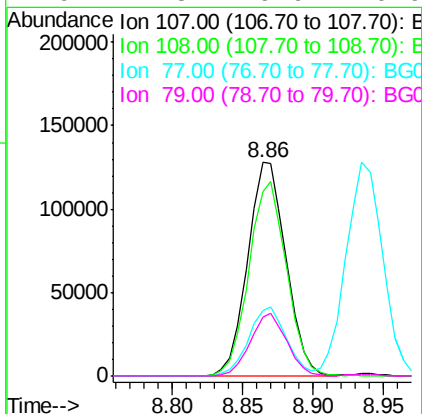
RT: 8.86 min Scan# 949

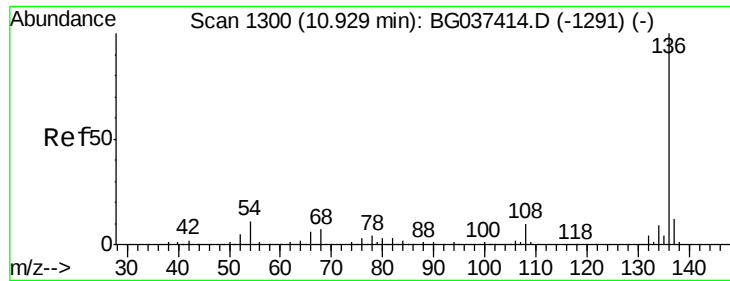
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.9	109.9
77	30.5	11.2	51.2
79	27.8	6.6	46.6





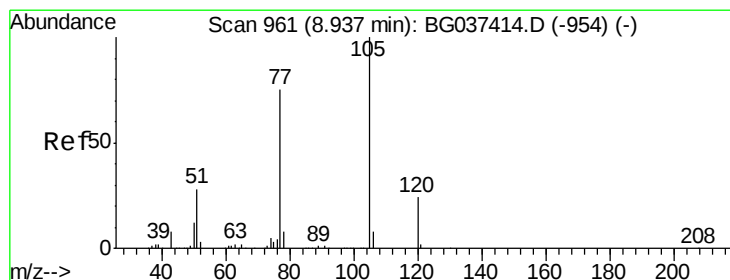
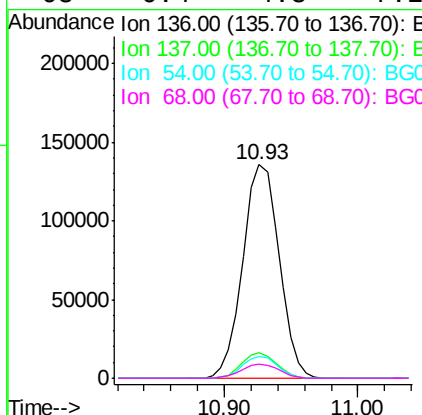
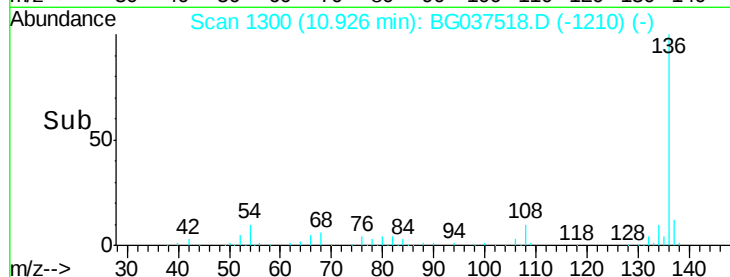
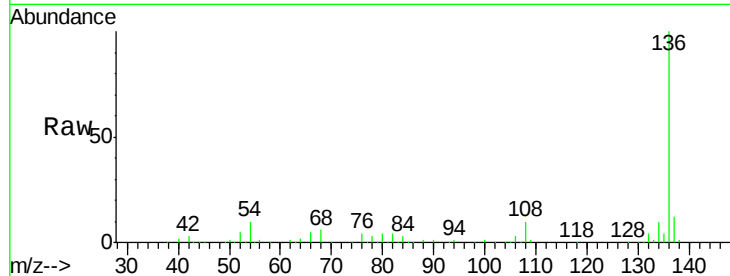
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	255967		
137	12.0	9.6	14.4	
54	10.0	7.9	11.9	
68	6.4	4.8	7.2	

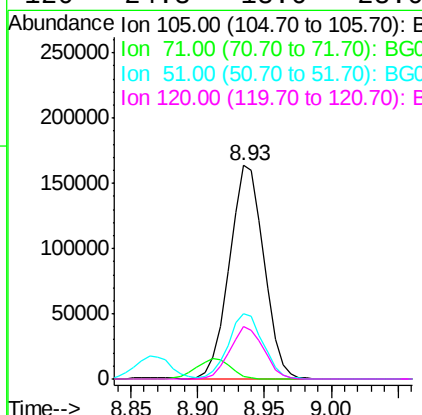
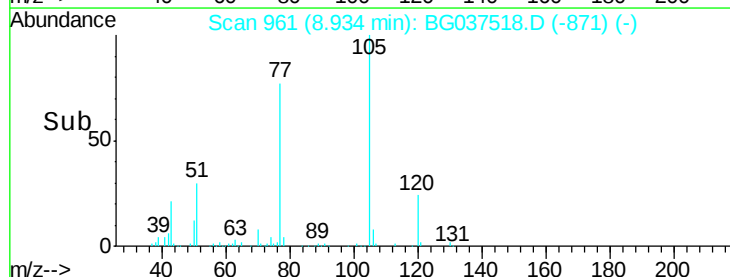
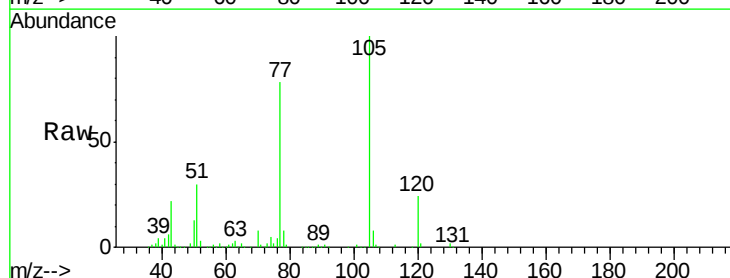
Manual Integrations
APPROVED

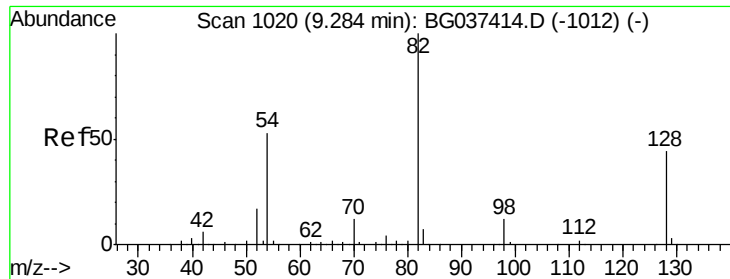
Sohil
10/25/2018 2:13:01 PM



#22
Acetophenone
Concen: 45.736 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	293602		
71	1.5	1.2	1.8	
51	30.4	25.0	37.6	
120	24.3	18.6	28.0	





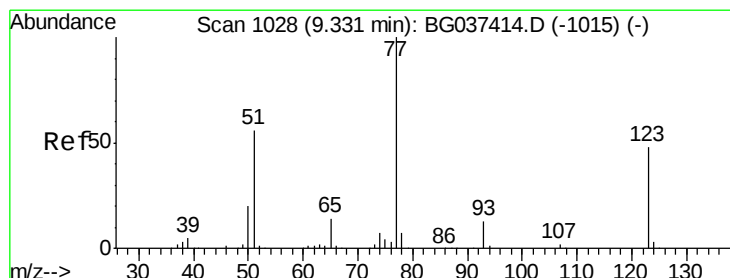
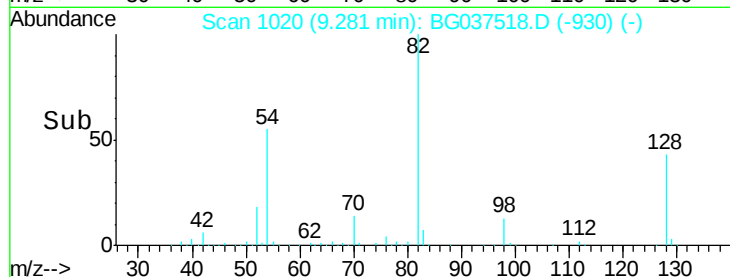
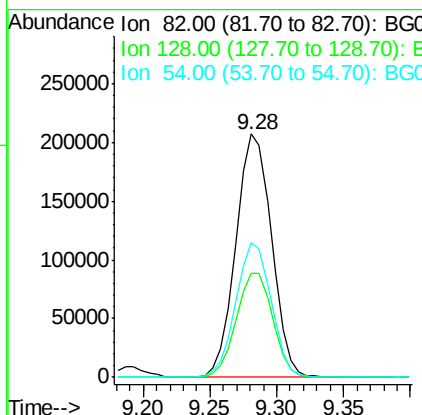
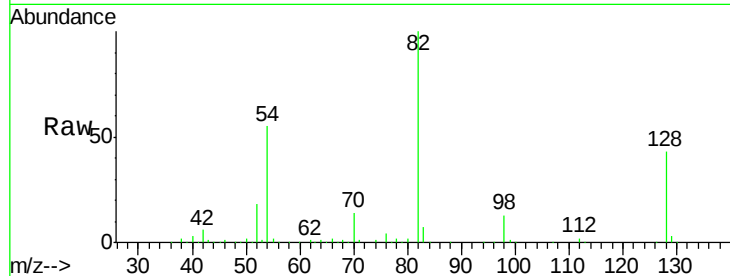
#23
Nitrobenzene-d5
Concen: 84.094 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	55.3	45.3	67.9

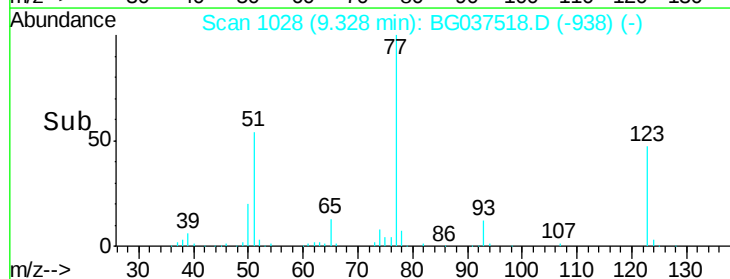
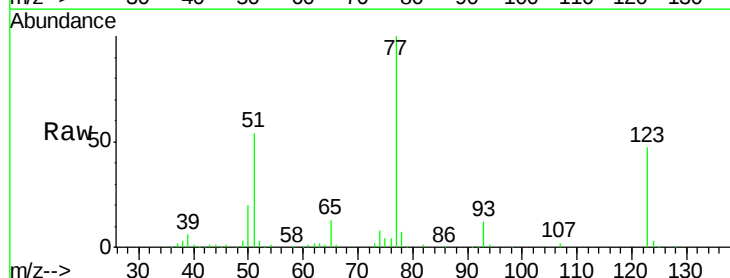
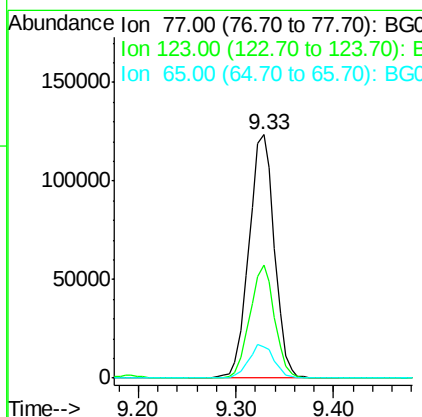
Manual Integrations
APPROVED

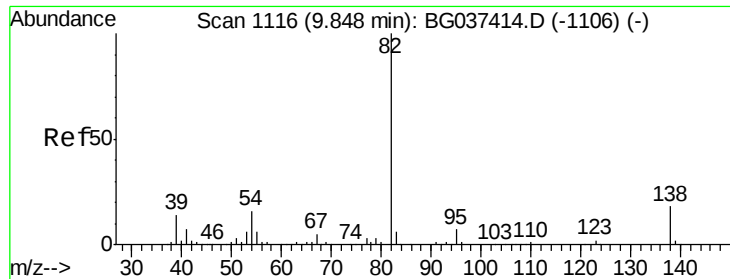
Sohil
10/25/2018 2:13:01 PM



#24
Nitrobenzene
Concen: 47.780 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.6	50.4
65	12.9	11.3	16.9





#25

Isophorone

Concen: 55.070 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

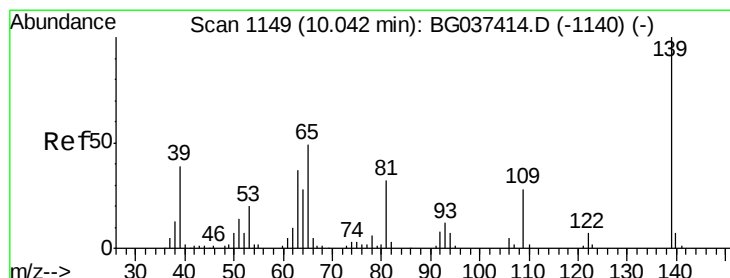
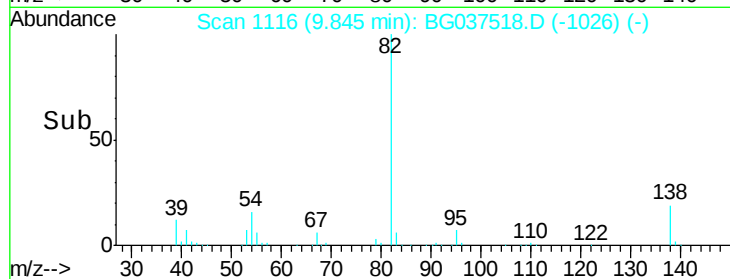
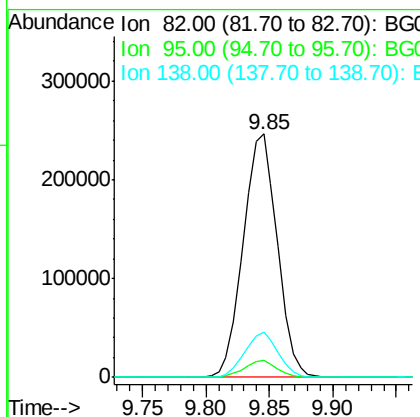
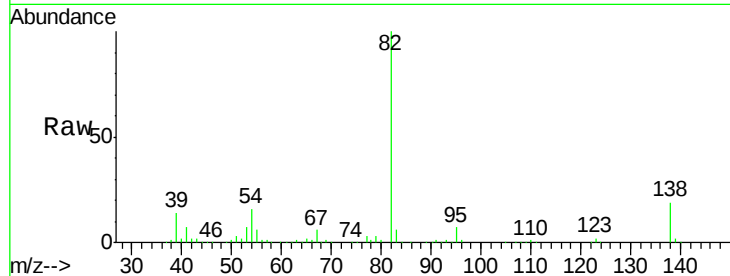
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	82	Resp:	459769
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.6	13.3	19.9

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#26

2-Nitrophenol

Concen: 51.425 ng

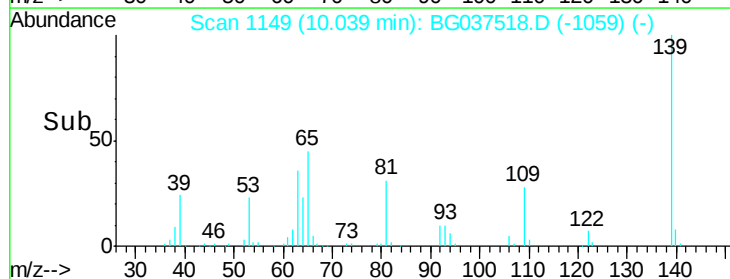
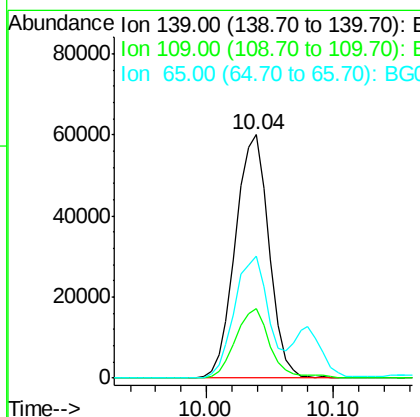
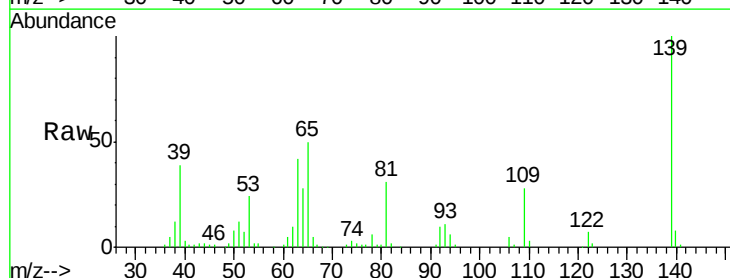
RT: 10.04 min Scan# 1149

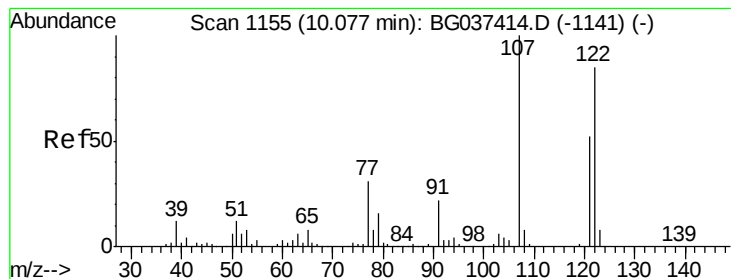
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	139	Resp:	109968
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.3	34.9
65	50.3	39.8	59.8





#27

2,4-Dimethylphenol

Concen: 56.680 ng

RT: 10.08 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

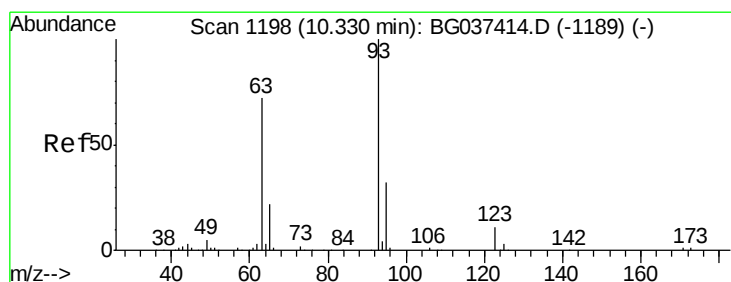
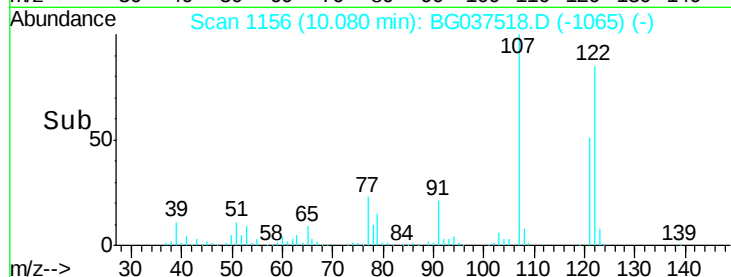
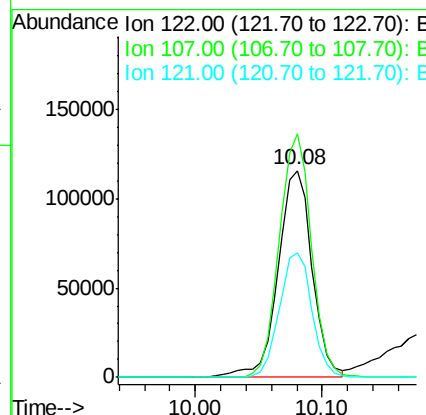
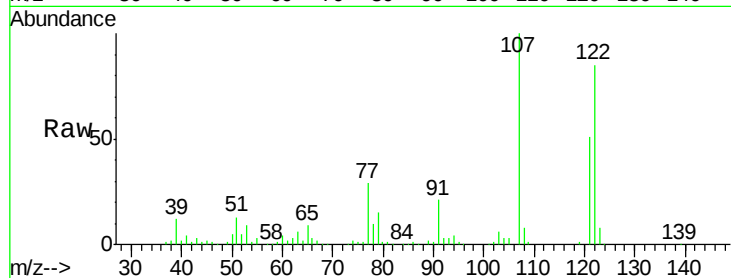
ClientSampleId :

NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	216408		
107	117.7	94.2	141.2	
121	60.4	47.3	70.9	

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#28

bis(2-Chloroethoxy)methane

Concen: 50.325 ng

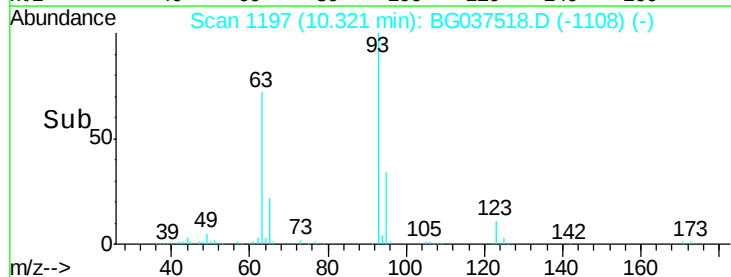
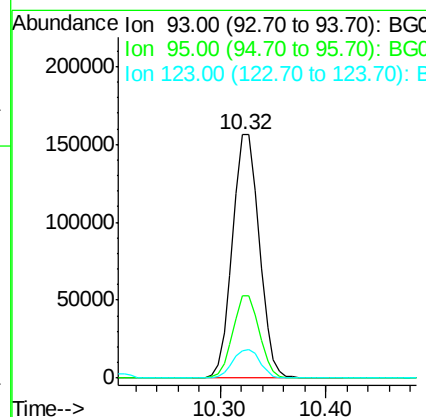
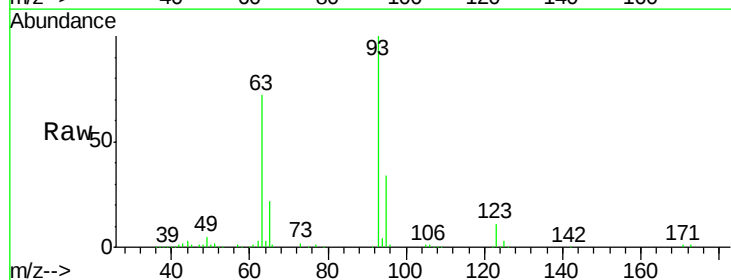
RT: 10.32 min Scan# 1197

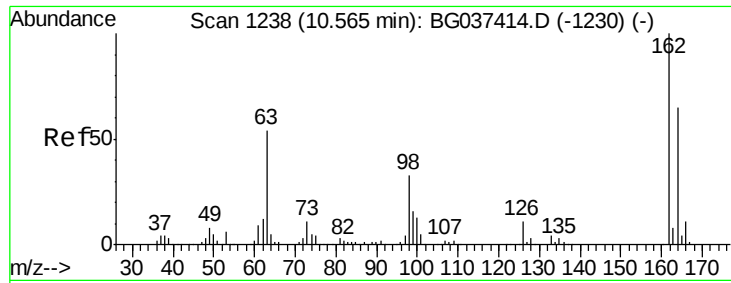
Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	275277		
95	34.1	24.6	37.0	
123	11.3	9.1	13.7	





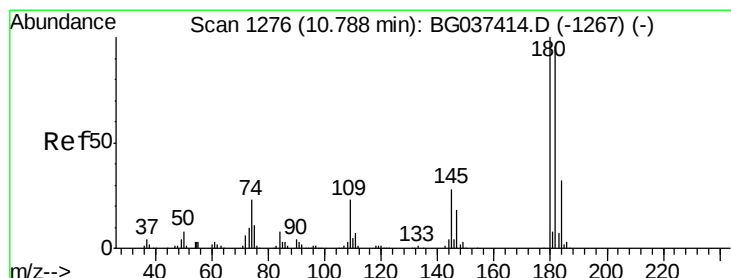
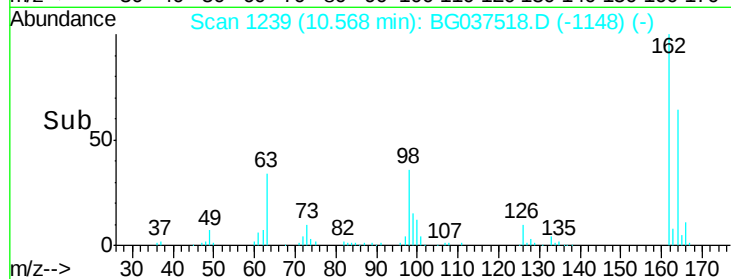
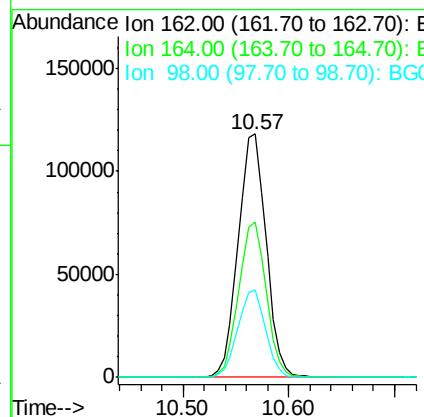
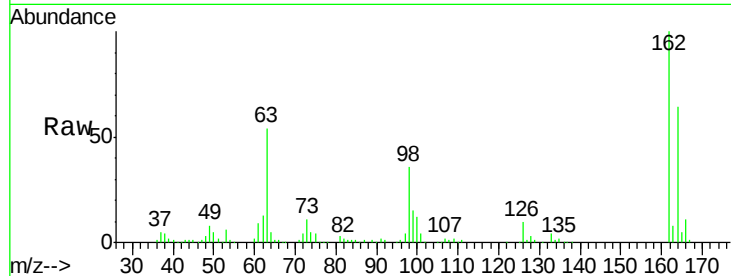
#29
 2,4-Dichlorophenol
 Concen: 51.011 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	216853		
164	63.9	43.2	83.2	
98	35.8	16.0	56.0	

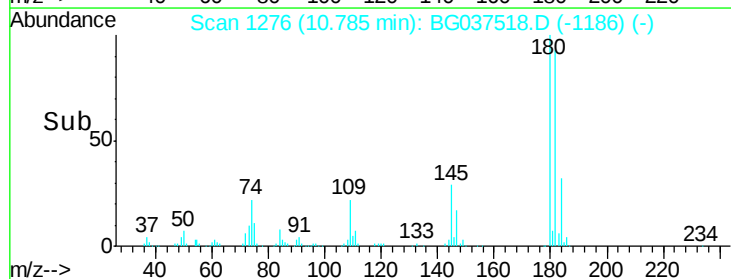
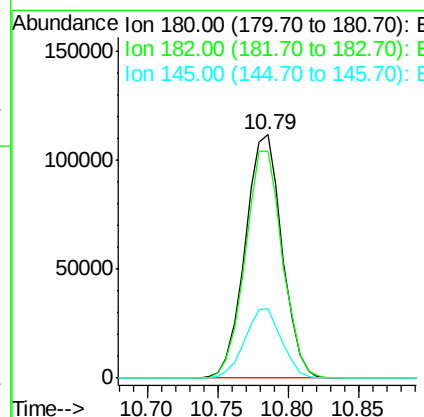
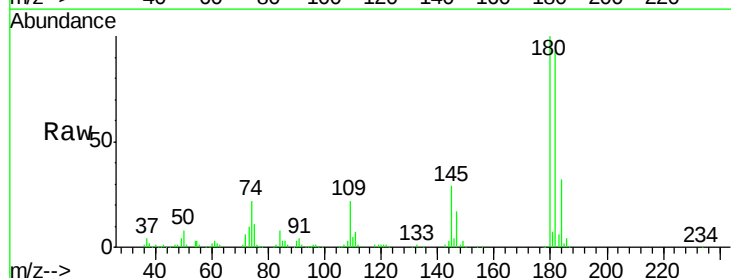
Manual Integrations
 APPROVED

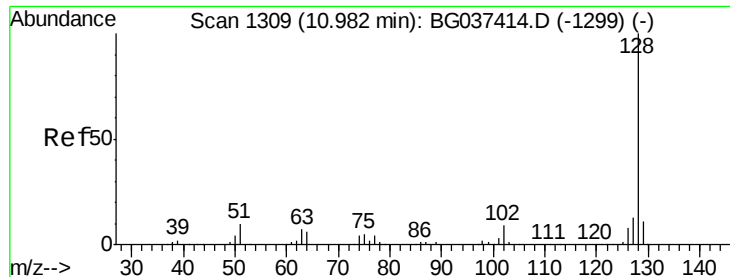
Sohil
 10/25/2018 2:13:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.140 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204056		
182	93.0	77.7	116.5	
145	28.8	23.3	34.9	





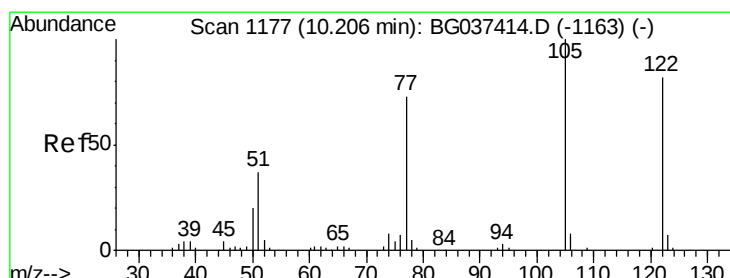
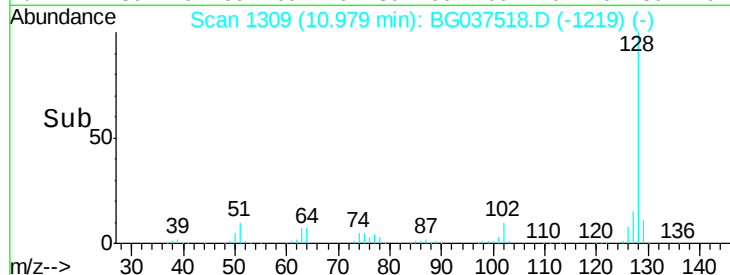
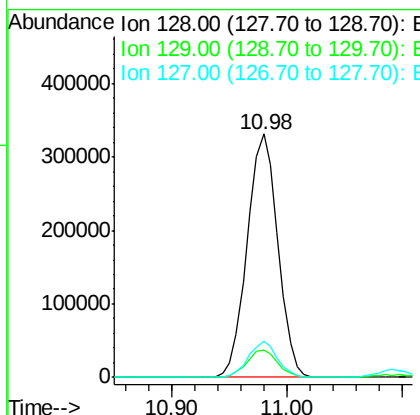
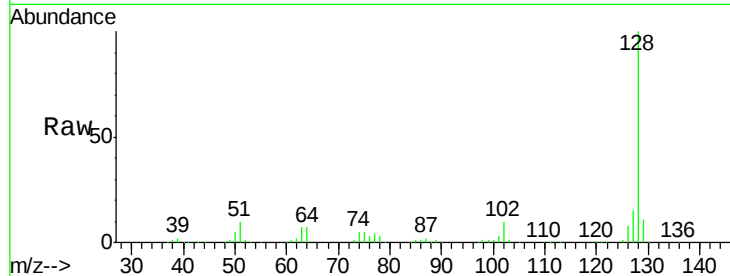
#31
Naphthalene
Concen: 48.740 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.8	11.1	16.7

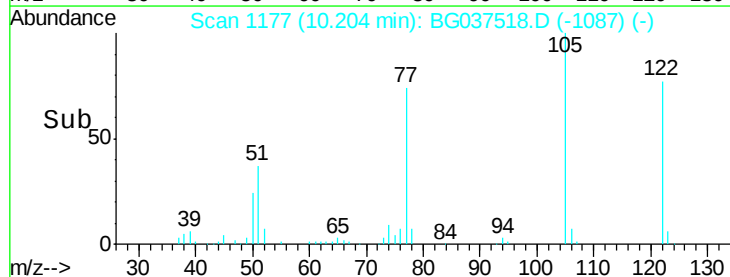
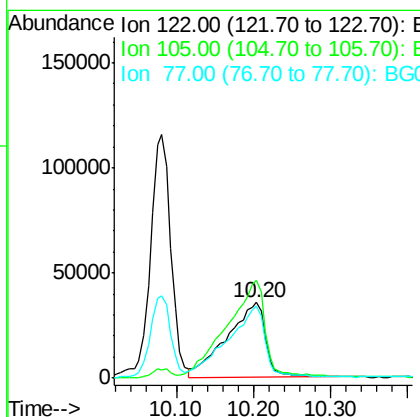
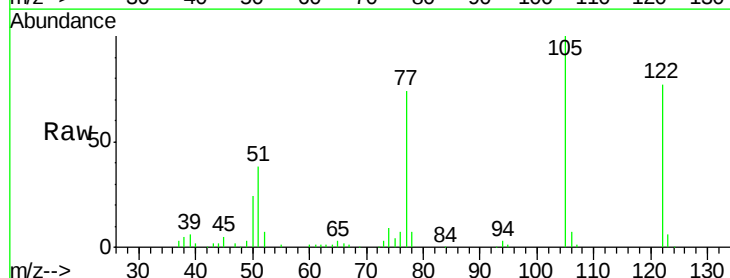
Manual Integrations
APPROVED

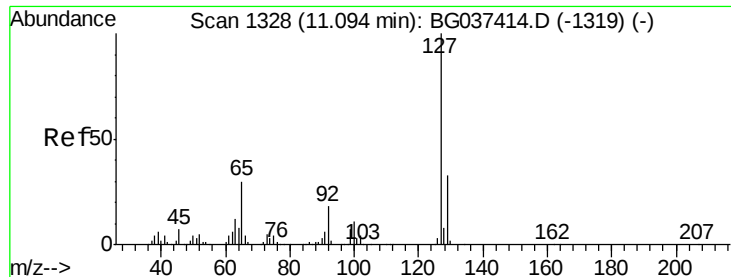
Sohil
10/25/2018 2:13:01 PM



#32
Benzoic acid
Concen: 50.247 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	106.7	146.7
77	95.7	72.2	112.2





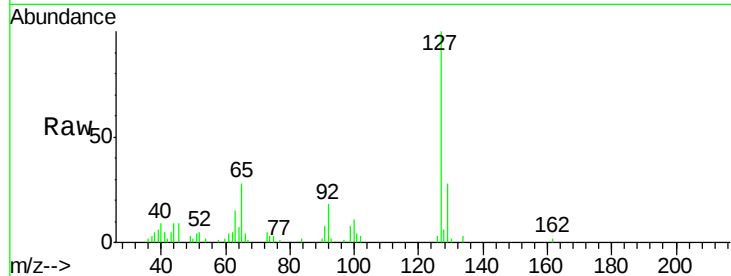
#33
4-Chloroaniline
Concen: 3.685 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	21770		
129	28.4	27.1	40.7	
65	28.1	26.6	39.8	
92	17.9	16.4	24.6	

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



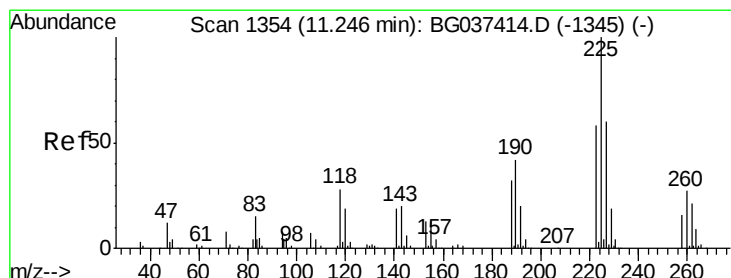
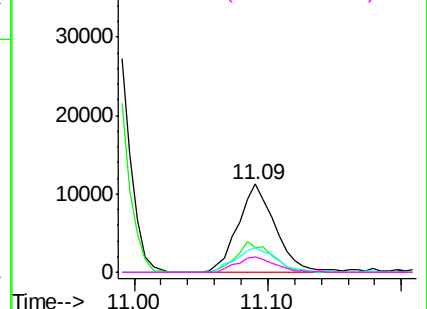
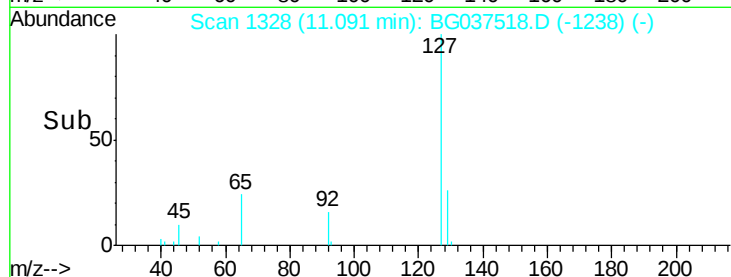
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

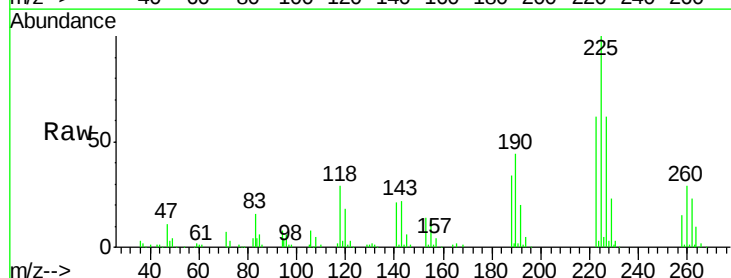
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.146 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118215		
223	61.9	48.2	72.4	
227	61.8	51.6	77.4	

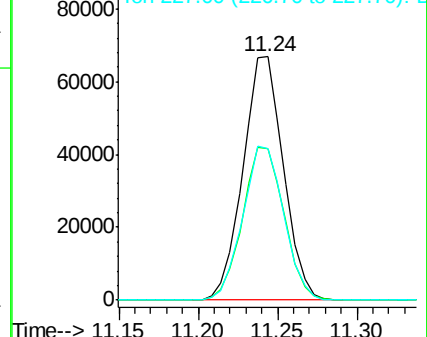
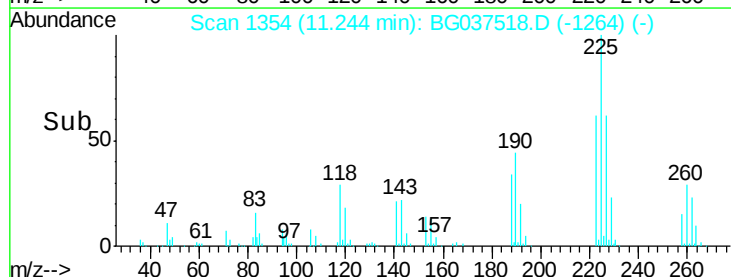


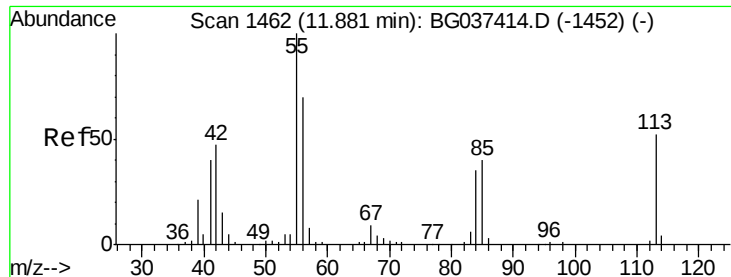
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.787 ng m

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

ClientSampleId :

NB-08-102318MSD

Tgt Ion:113 Resp: 62719

Ion Ratio Lower Upper

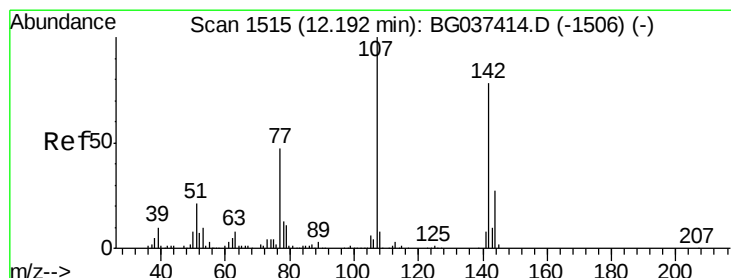
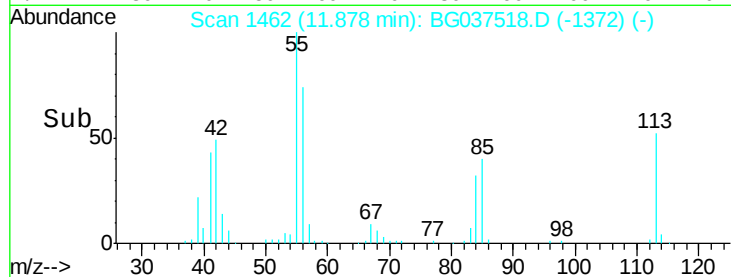
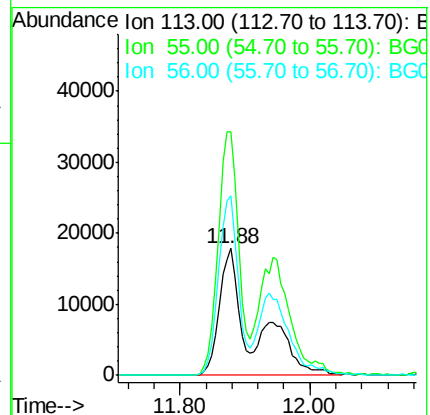
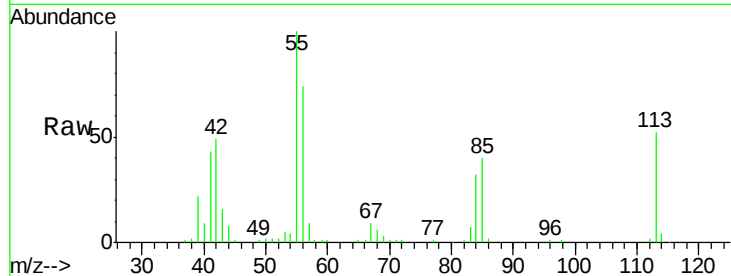
113 100

55 192.1 176.6 216.6

56 141.5 128.3 168.3

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#36

4-Chloro-3-methylphenol

Concen: 51.016 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

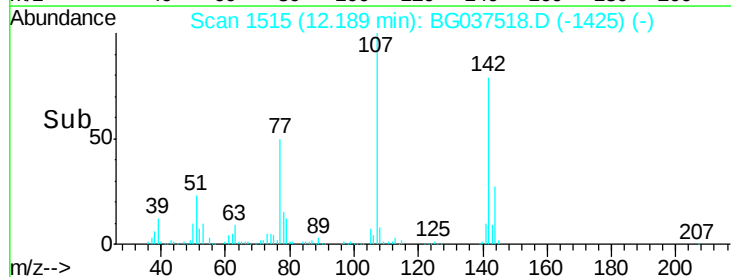
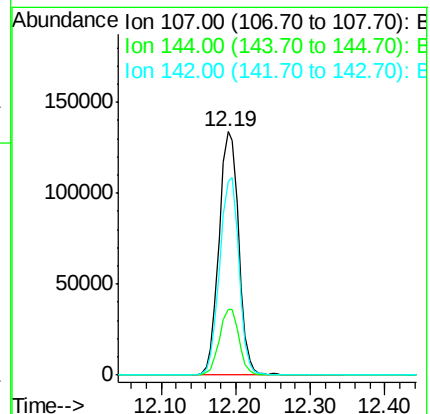
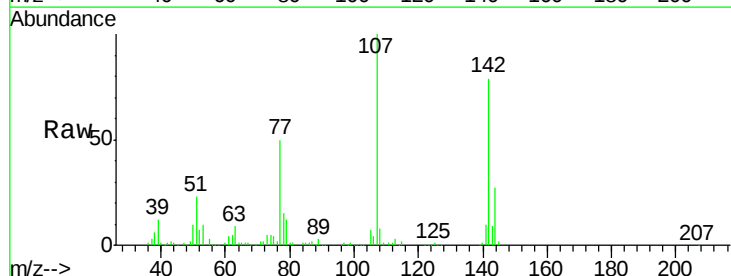
Tgt Ion:107 Resp: 244583

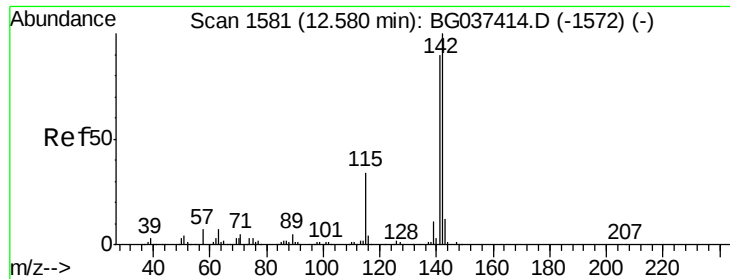
Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

142 79.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 51.109 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

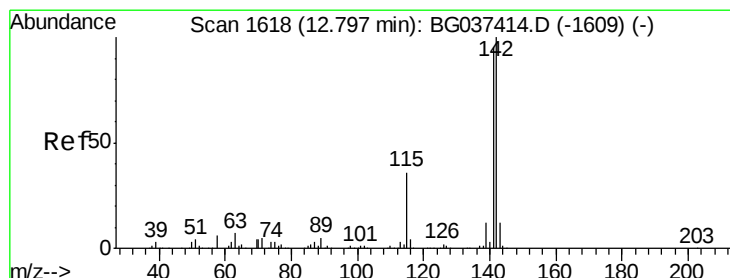
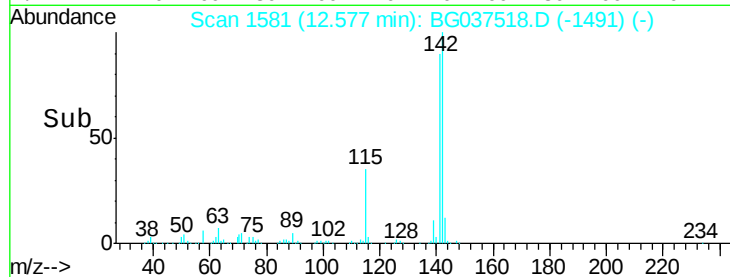
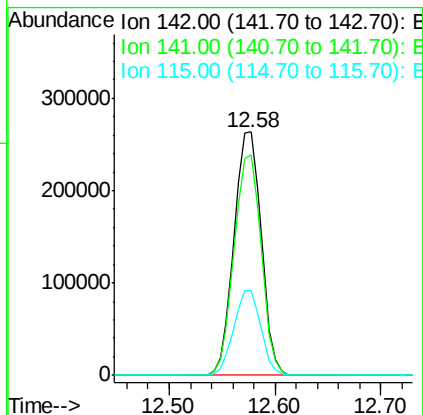
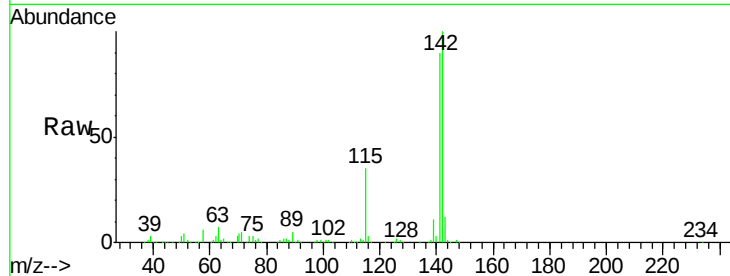
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	142	Resp:	468403
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.9	107.9
115	34.6	27.8	41.8

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#38

1-Methylnaphthalene

Concen: 50.210 ng

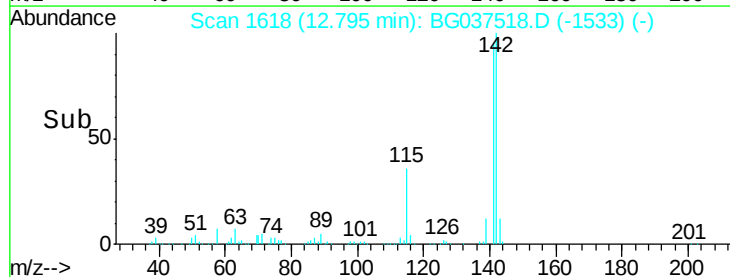
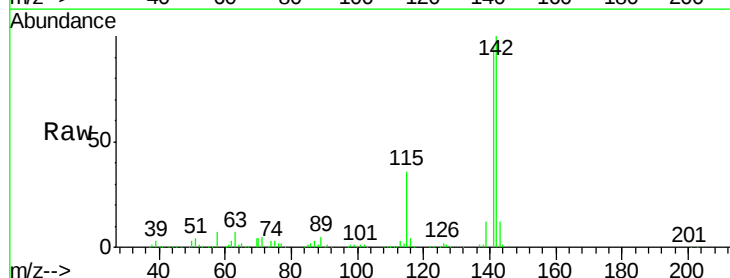
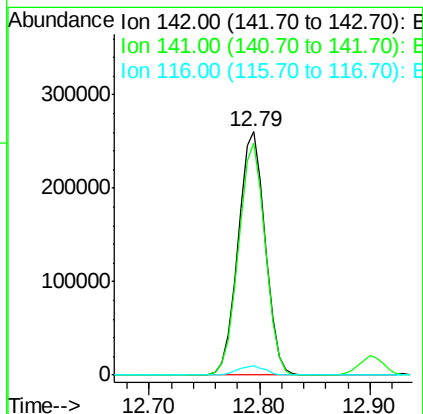
RT: 12.79 min Scan# 1618

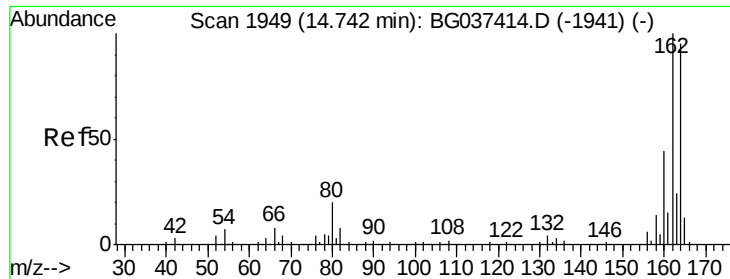
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	142	Resp:	446888
Ion Ratio	Lower	Upper	
142	100		
141	95.3	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

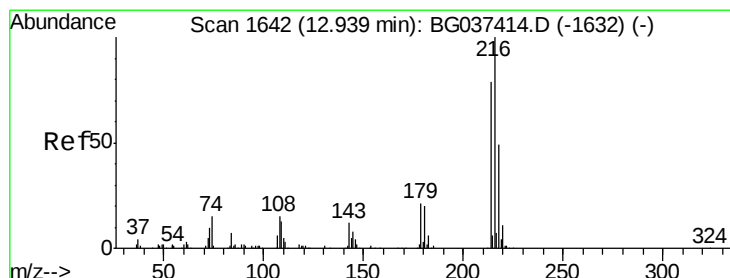
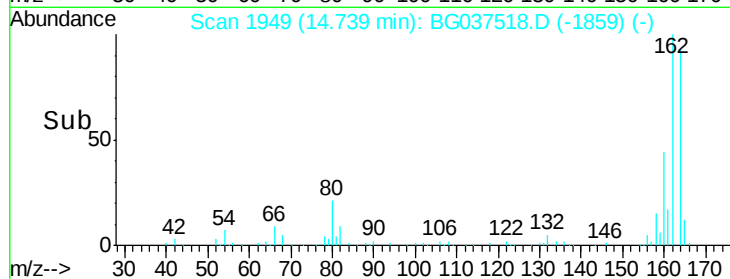
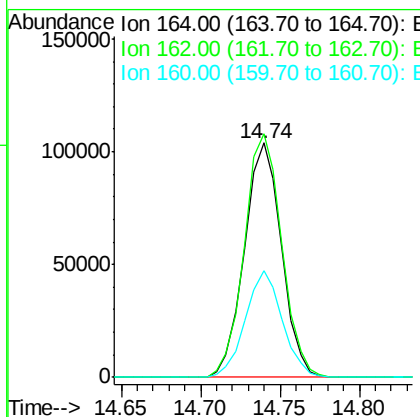
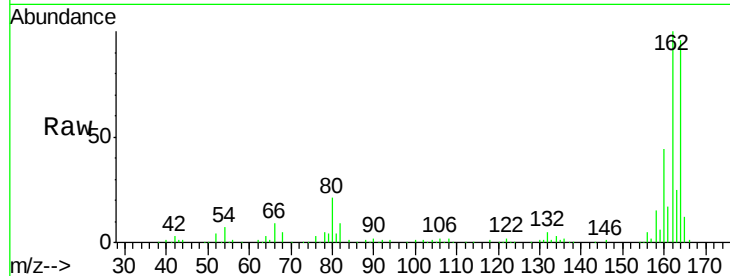
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	164	Resp:	167897
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.3	121.9
160	45.6	36.3	54.5

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.217 ng

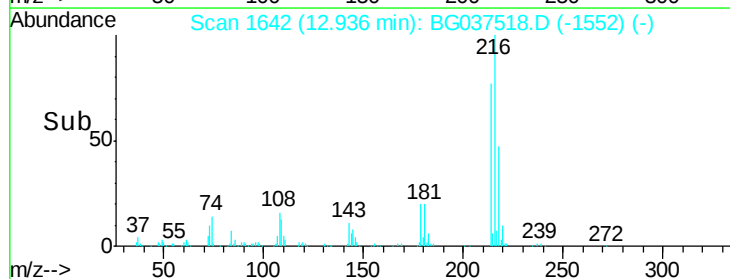
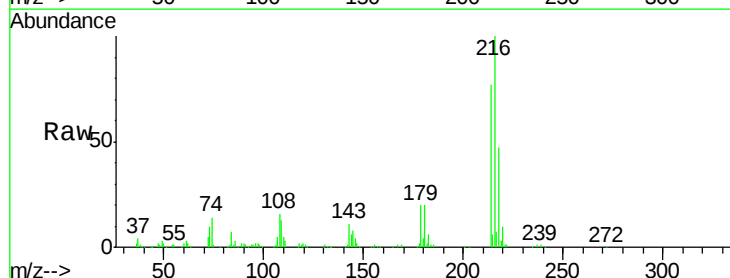
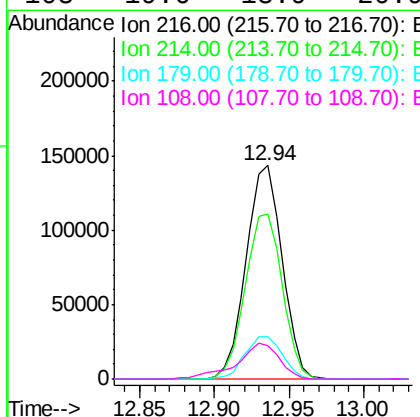
RT: 12.94 min Scan# 1642

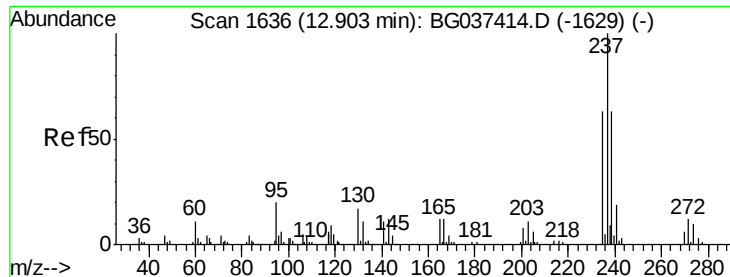
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	216	Resp:	239462
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	20.8	17.4	26.0
108	19.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 102.995 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

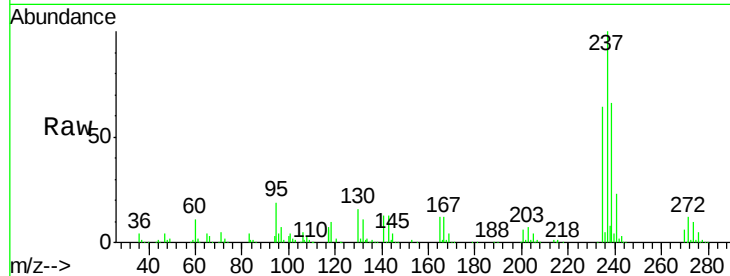
ClientSampleId :

NB-08-102318MSD

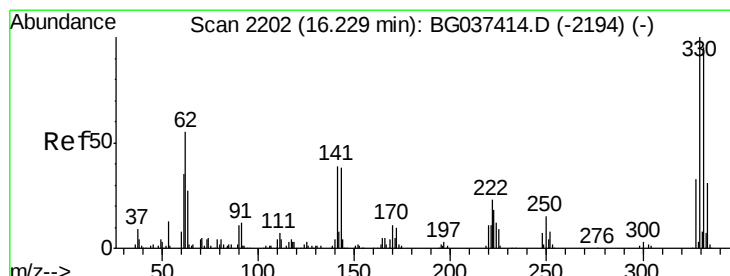
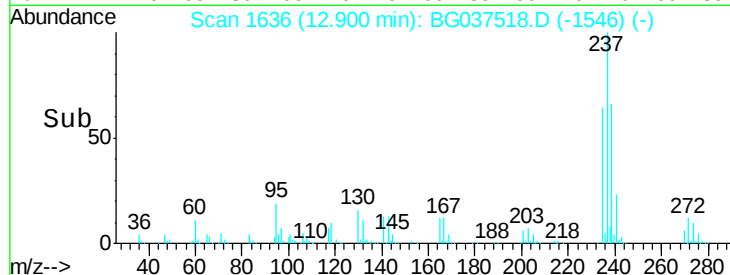
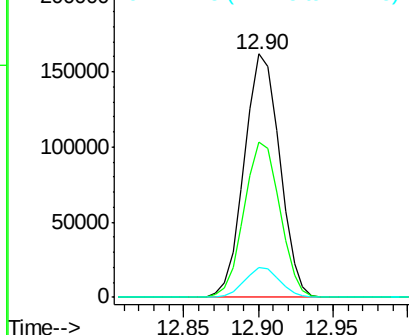
Tgt Ion:	237	Resp:	266436
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.5	82.5
272	12.0	0.0	31.6

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



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



#42

2,4,6-Tribromophenol

Concen: 134.402 ng

RT: 16.23 min Scan# 2202

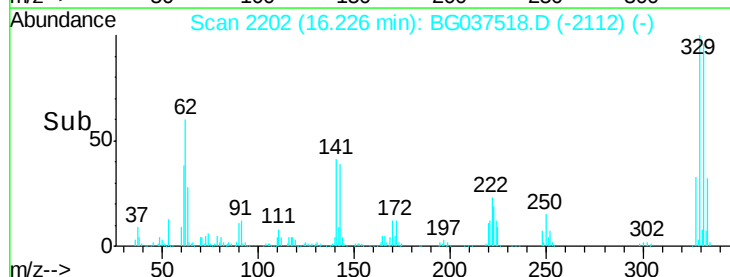
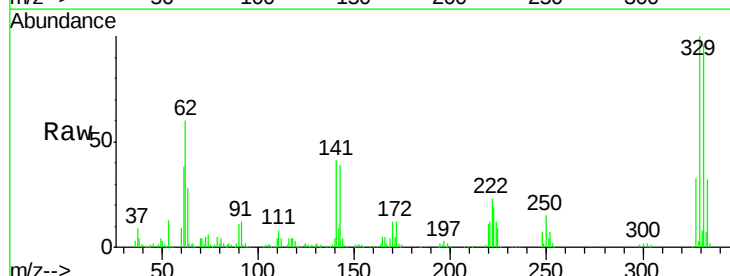
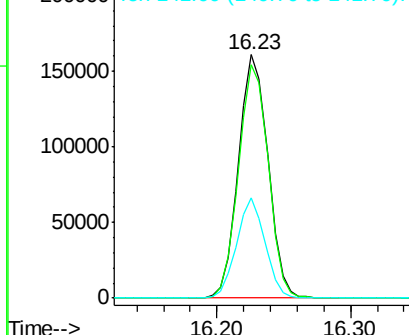
Delta R.T. -0.00 min

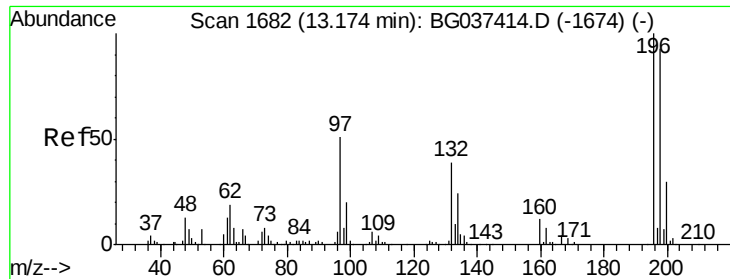
Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	330	Resp:	246122
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.4	117.6
141	39.7	32.2	48.2

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





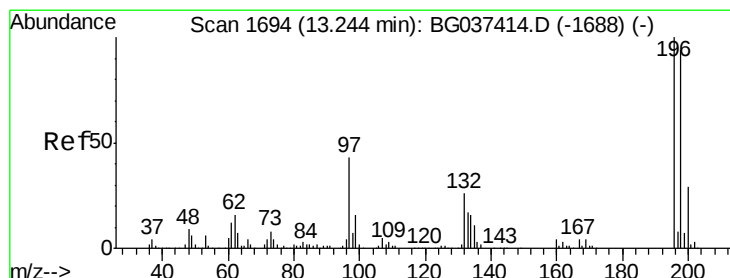
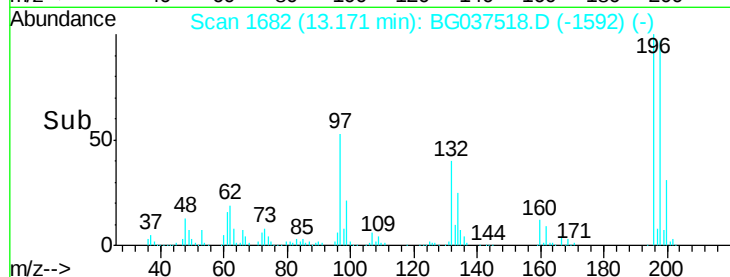
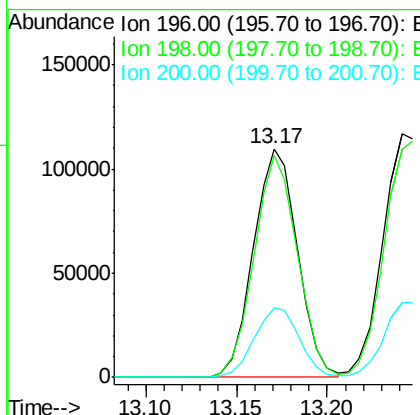
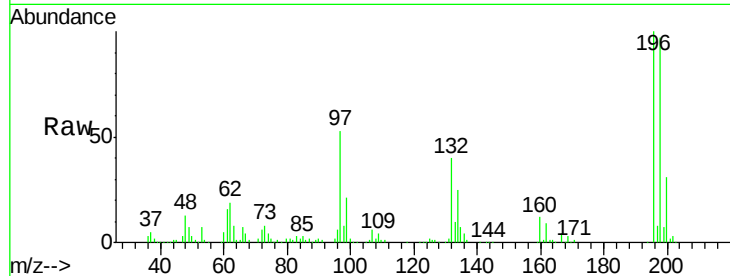
#43
 2,4,6-Trichlorophenol
 Concen: 51.461 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186188		
198	96.9	76.4	114.6	
200	30.6	24.9	37.3	

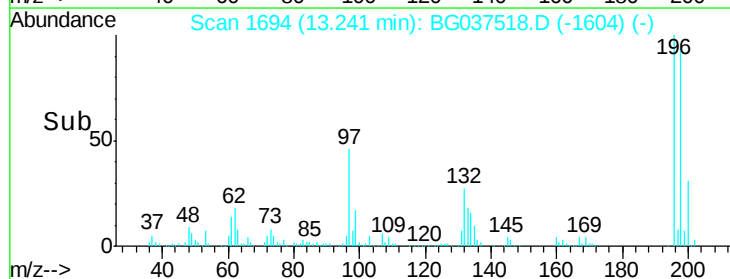
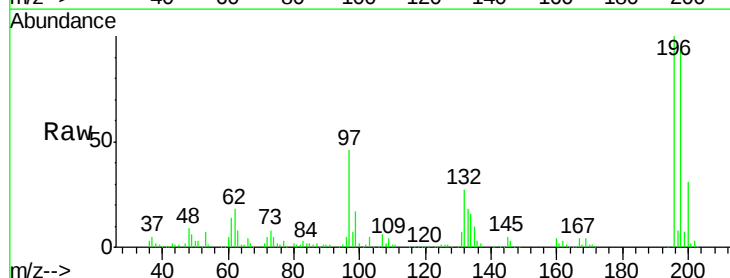
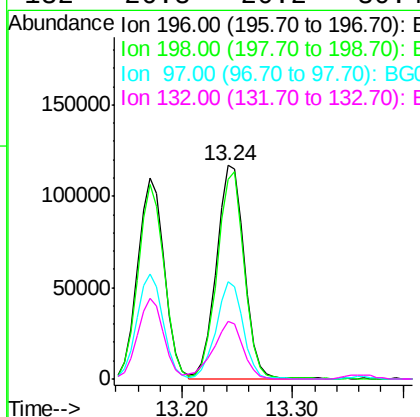
Manual Integrations
 APPROVED

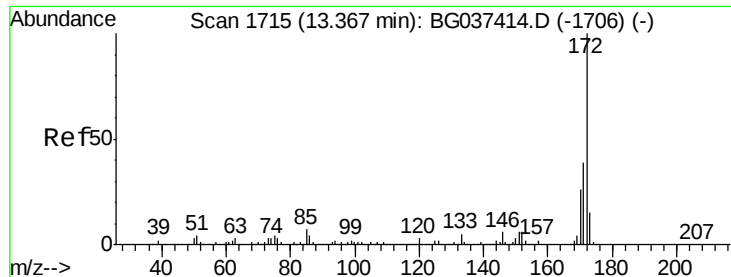
Sohil
 10/25/2018 2:13:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.909 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204480		
198	93.7	74.2	111.2	
97	45.8	34.1	51.1	
132	26.8	20.2	30.4	





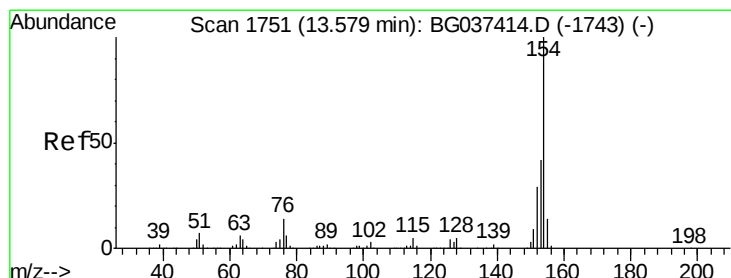
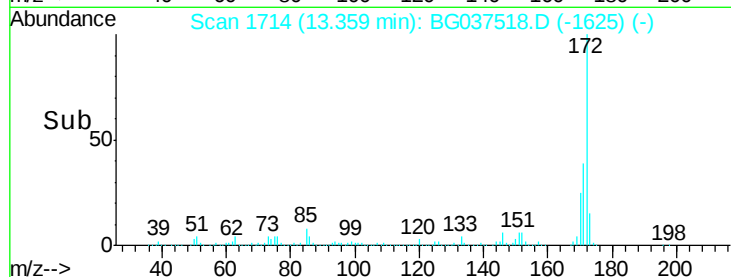
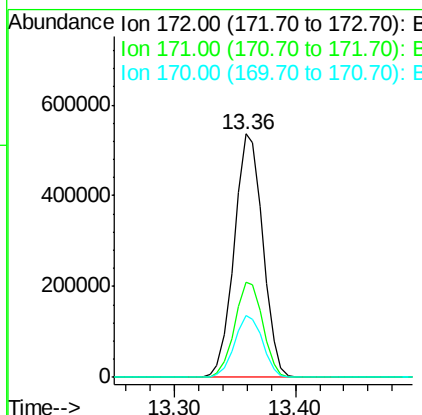
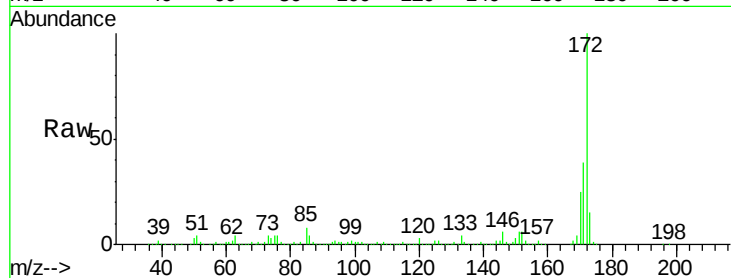
#45
 2-Fluorobiphenyl
 Concen: 79.532 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	885521		
171	39.2		31.0	46.4
170	25.5		20.2	30.2

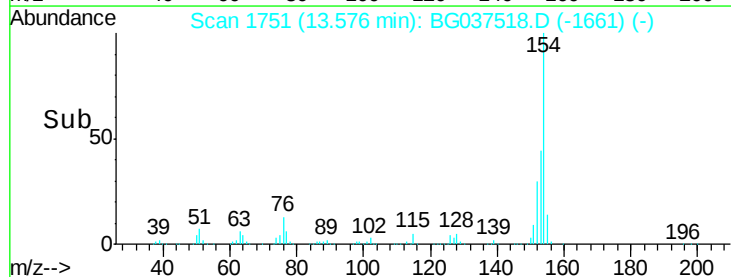
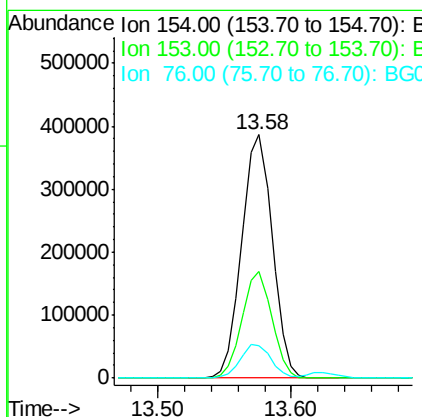
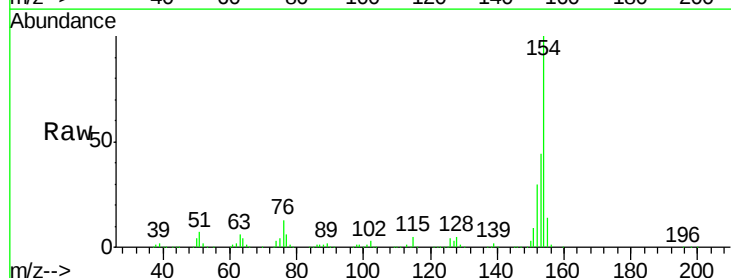
Manual Integrations
 APPROVED

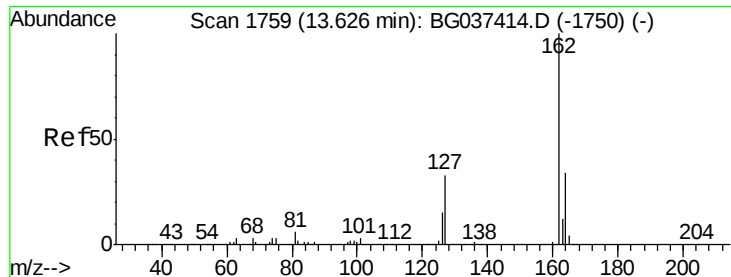
Sohil
 10/25/2018 2:13:01 PM



#46
 1,1'-Biphenyl
 Concen: 44.166 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	614120		
153	43.6		22.1	62.1
76	13.3		0.0	33.2





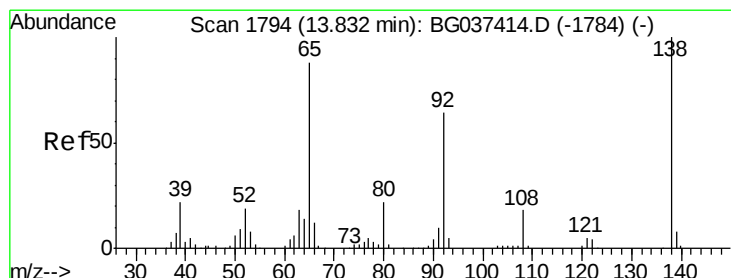
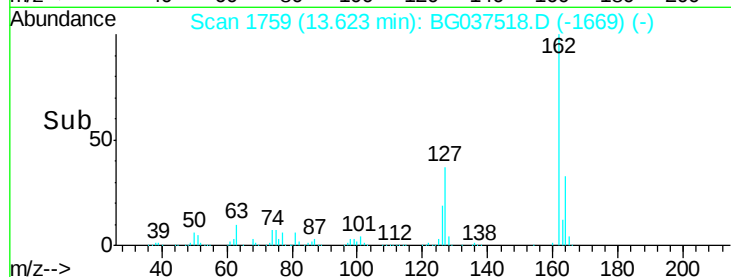
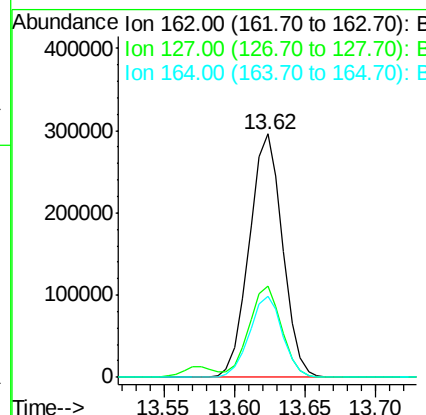
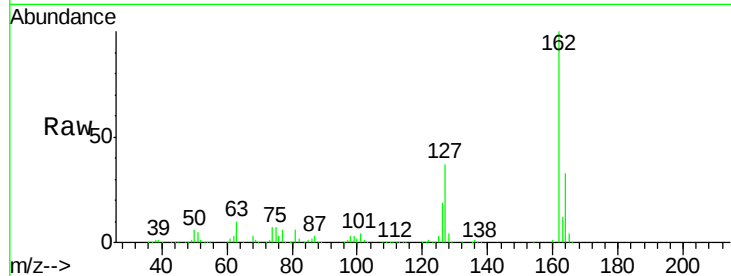
#47
2-Chloronaphthalene
Concen: 46.550 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	489684		
127	37.3	30.5	45.7	
164	33.1	26.4	39.6	

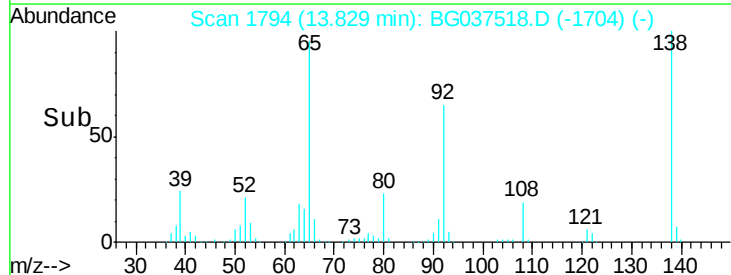
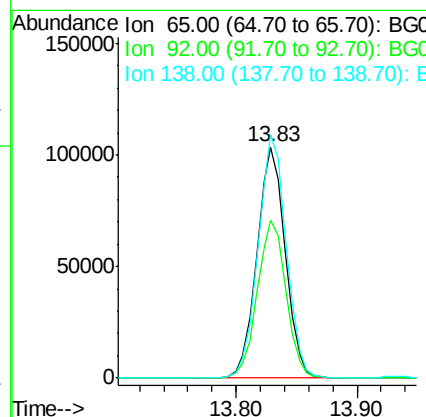
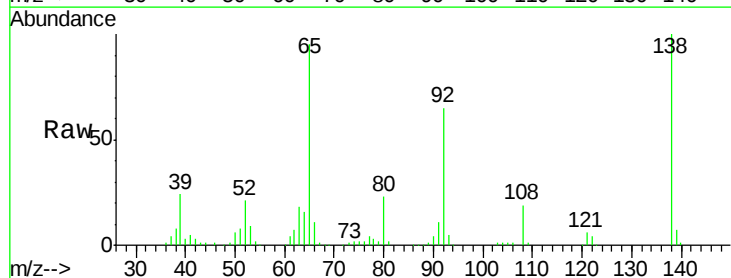
Manual Integrations
APPROVED

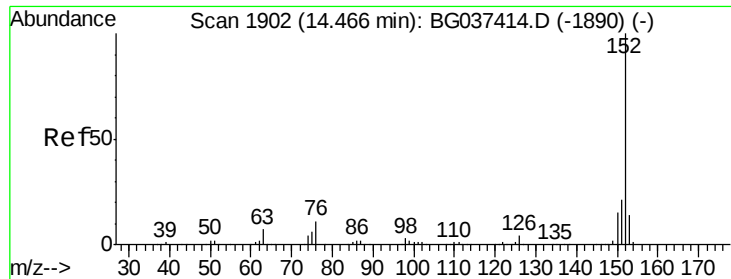
Sohil
10/25/2018 2:13:01 PM



#48
2-Nitroaniline
Concen: 52.853 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	168604		
92	68.5	53.2	79.8	
138	105.5	79.3	118.9	





#49

Acenaphthylene

Concen: 51.635 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

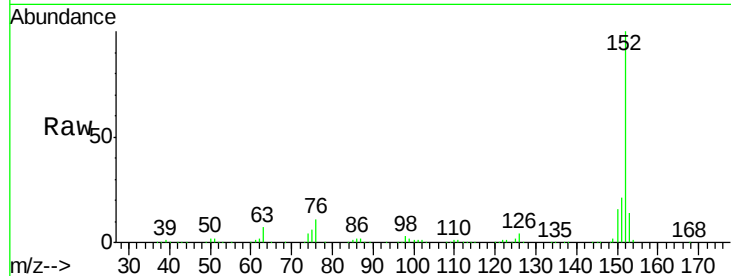
ClientSampleId :

NB-08-102318MSD

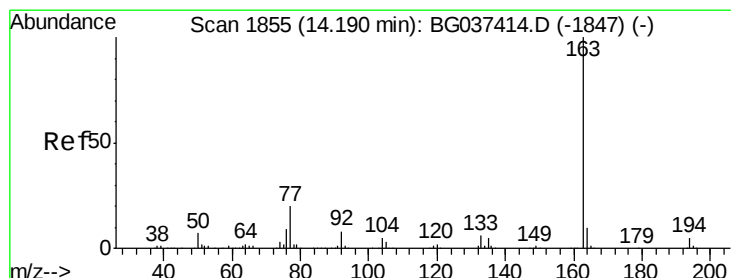
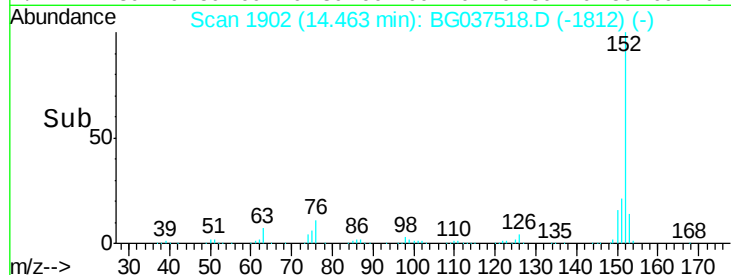
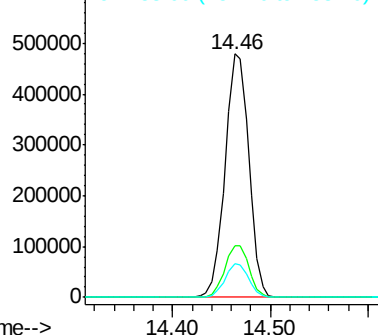
Tgt Ion:	152	Resp:	817089
Ion Ratio		Lower	Upper
152	100		
151	21.4	17.1	25.7
153	13.9	11.1	16.7

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



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



#50

Dimethylphthalate

Concen: 51.021 ng

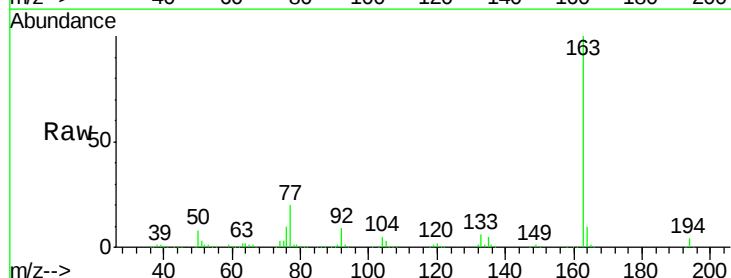
RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

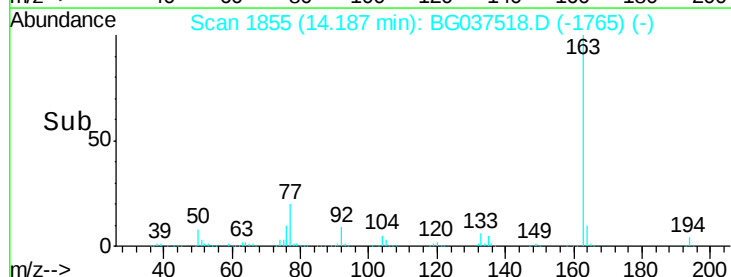
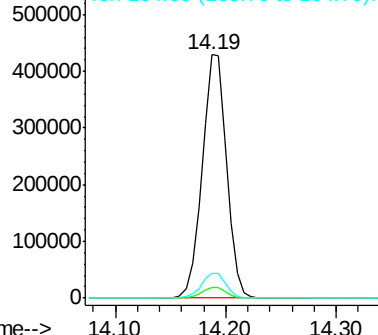
Lab File: BG037518.D

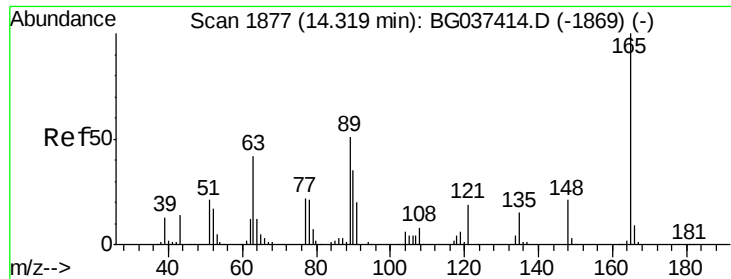
Acq: 24 Oct 2018 19:27

Tgt Ion:	163	Resp:	662704
Ion Ratio		Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.508 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

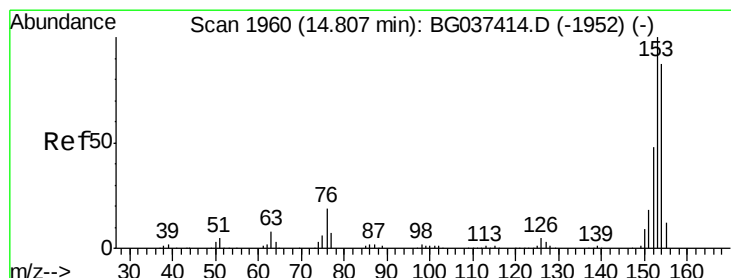
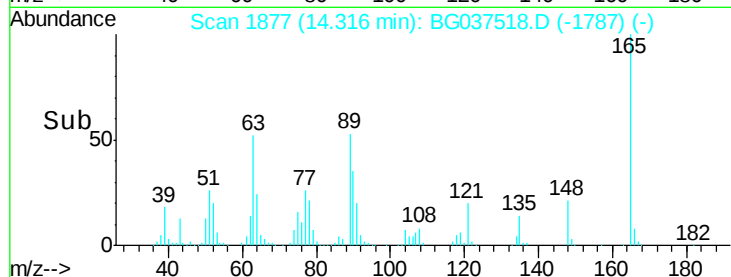
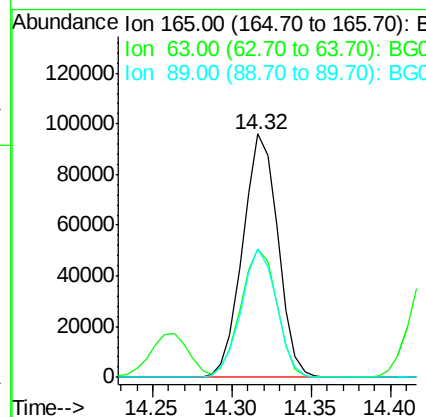
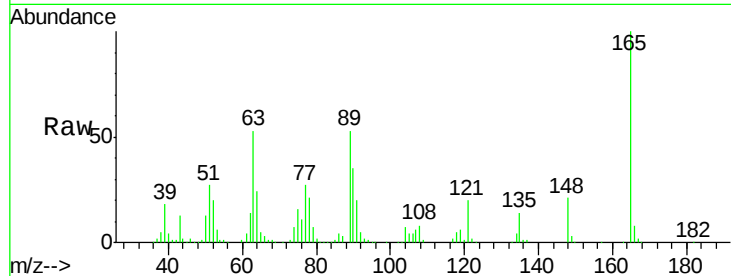
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	165	Resp:	148002
Ion Ratio	Lower	Upper	
165	100		
63	52.7	43.4	65.2
89	52.9	45.8	68.6

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#52

Acenaphthene

Concen: 49.590 ng

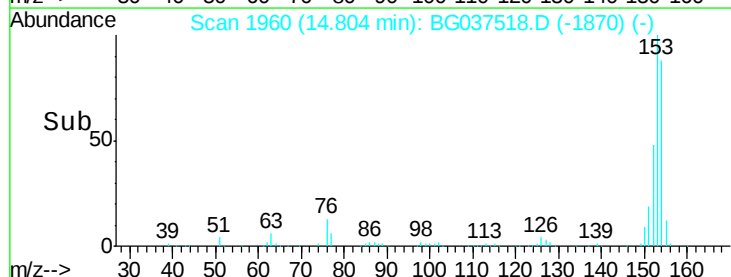
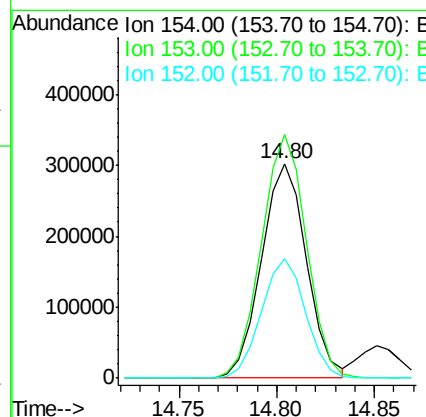
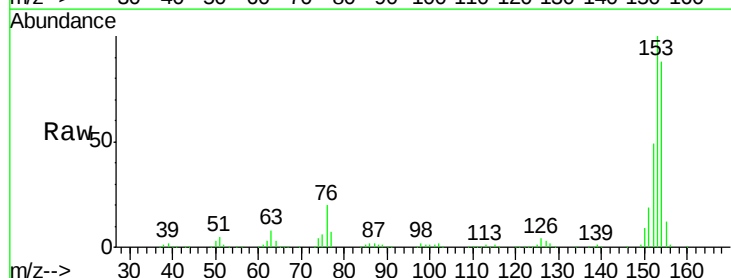
RT: 14.80 min Scan# 1960

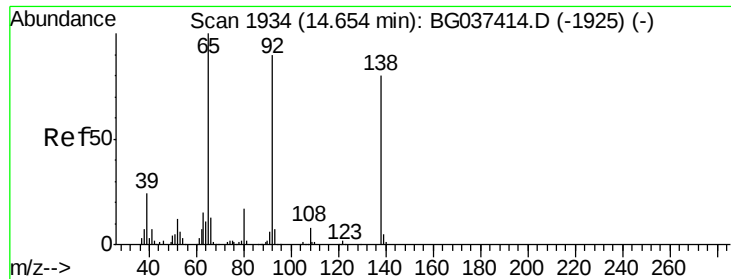
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	154	Resp:	483285
Ion Ratio	Lower	Upper	
154	100		
153	113.4	93.4	140.0
152	55.5	44.7	67.1





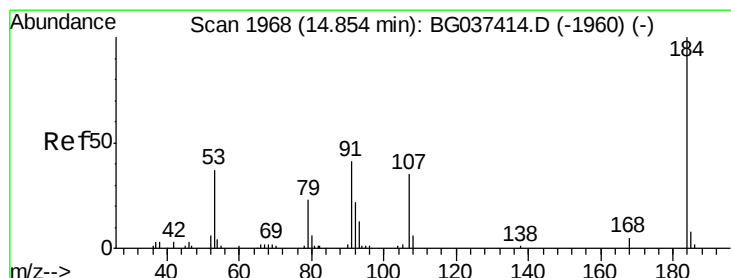
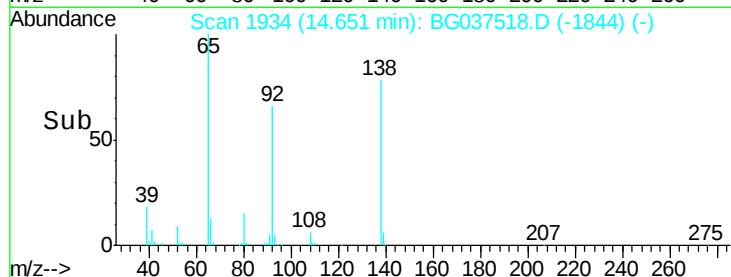
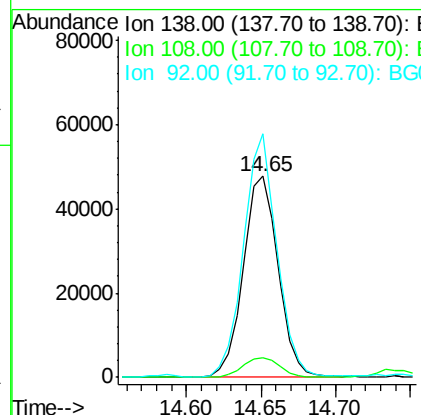
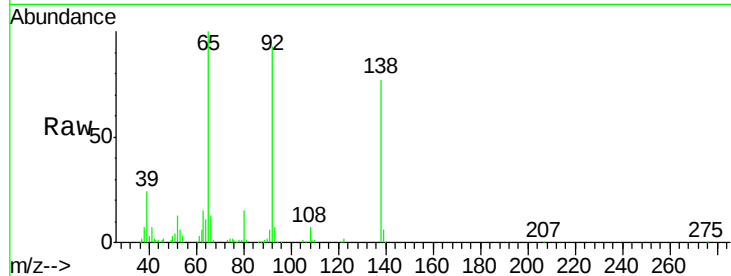
#53
 3-Nitroaniline
 Concen: 24.213 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	11.0	16.6#
92	121.0	95.2	142.8

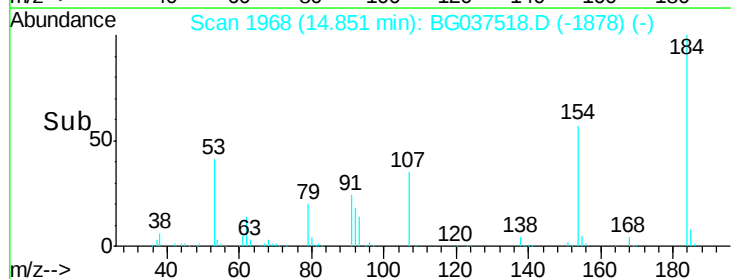
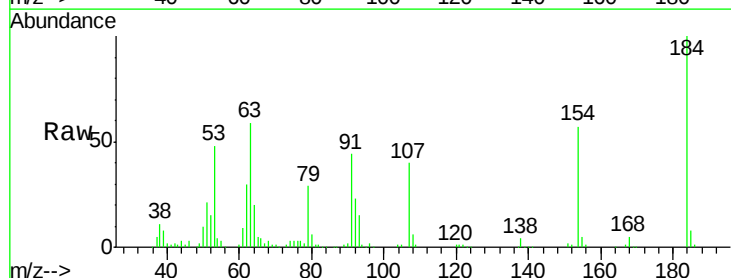
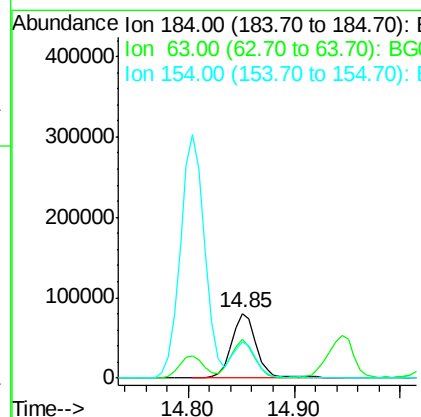
Manual Integrations
 APPROVED

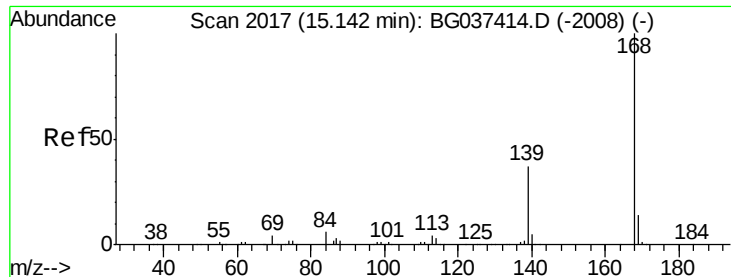
Sohil
 10/25/2018 2:13:01 PM



#54
 2,4-Dinitrophenol
 Concen: 92.966 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	42.6	63.8
154	56.9	41.8	62.6





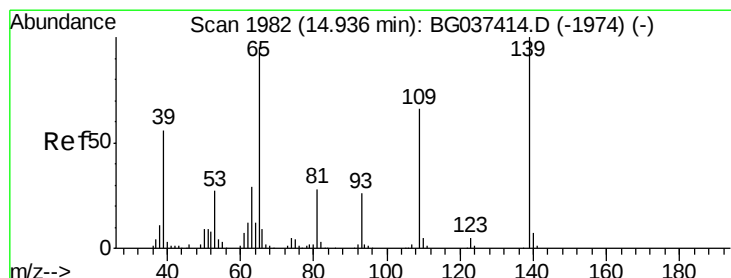
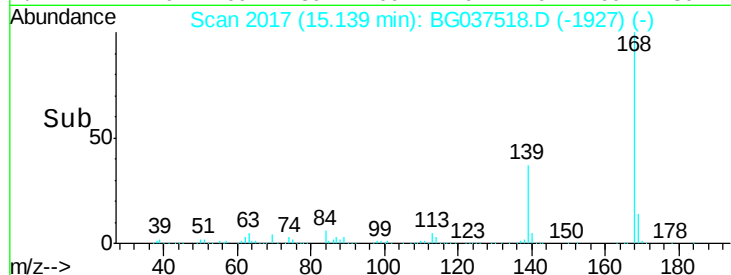
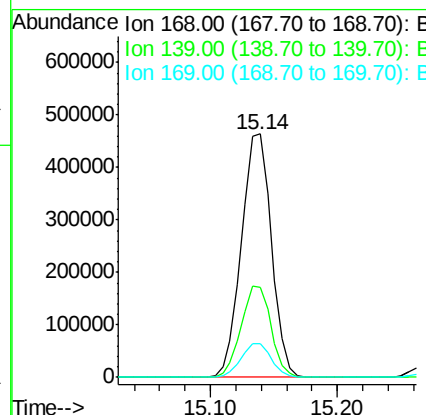
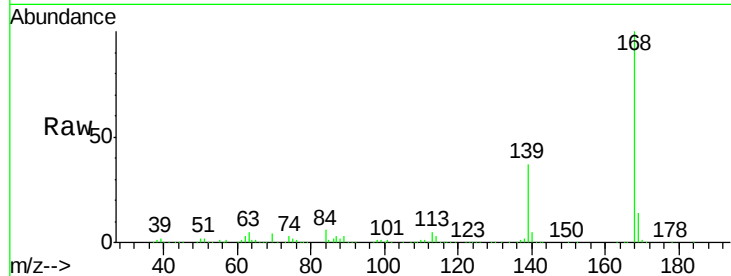
#55
Dibenzenofuran
Concen: 47.141 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.8	11.0	16.6

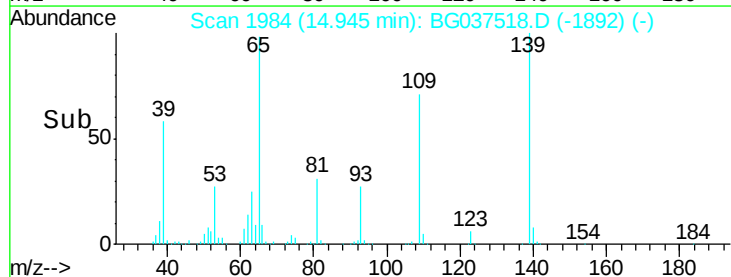
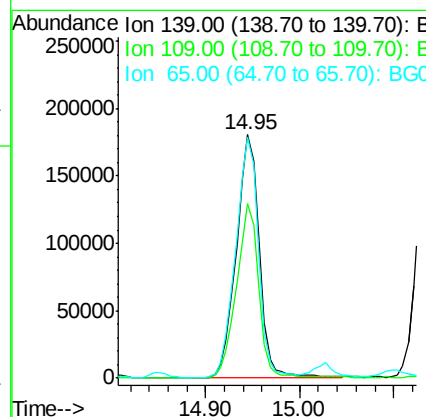
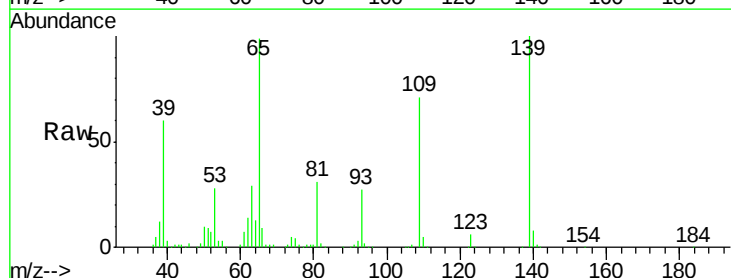
Manual Integrations
APPROVED

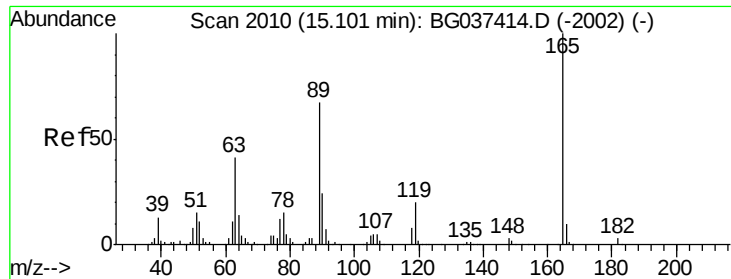
Sohil
10/25/2018 2:13:01 PM



#56
4-Nitrophenol
Concen: 131.150 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	49.5	89.5
65	98.8	76.8	116.8





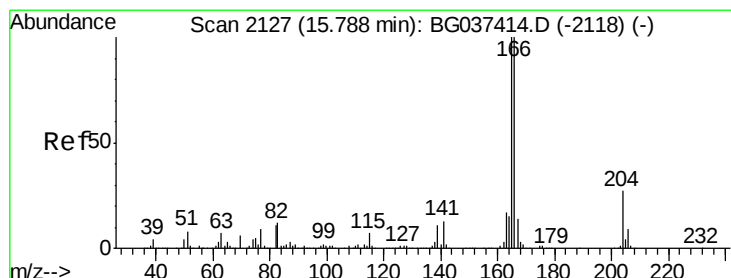
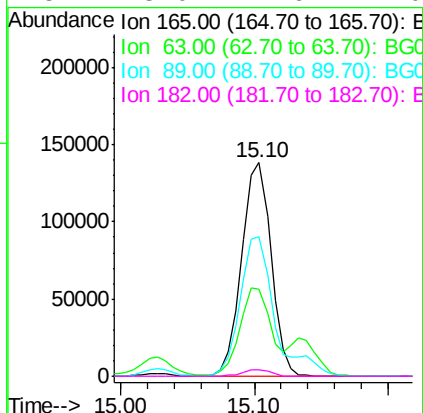
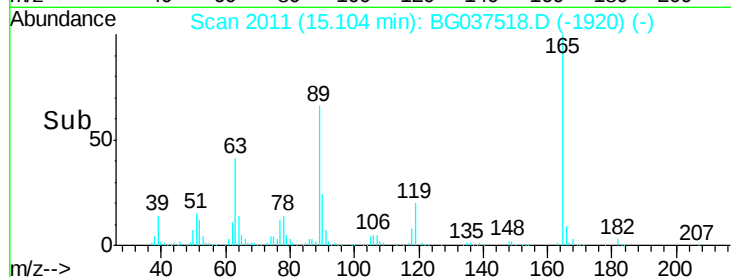
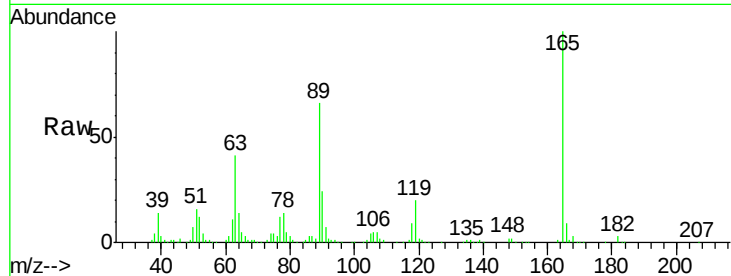
#57
2,4-Dinitrotoluene
Concen: 55.832 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	210588		
63	40.7	33.4	50.0	
89	65.6	57.2	85.8	
182	3.0	2.6	4.0	

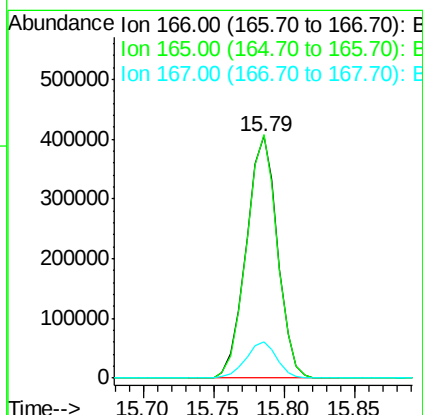
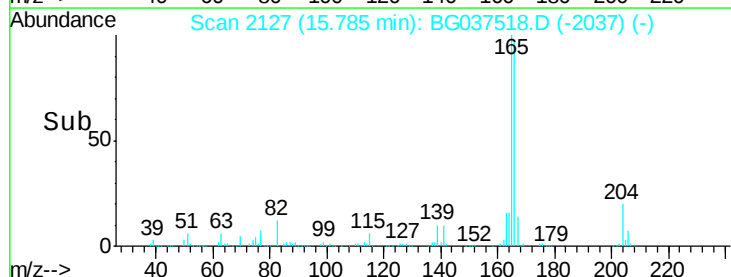
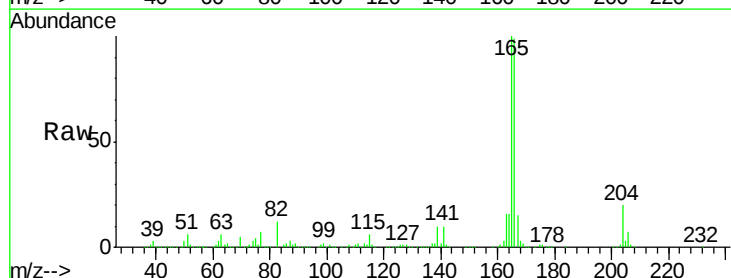
Manual Integrations
APPROVED

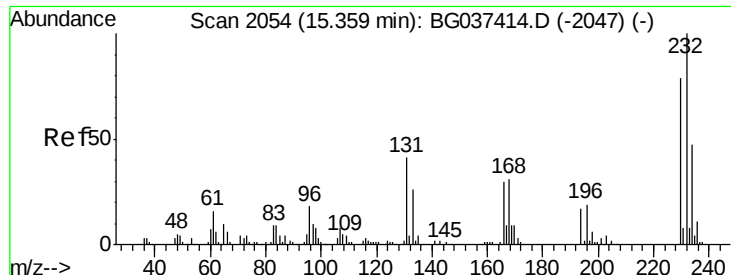
Sohil
10/25/2018 2:13:01 PM



#58
Fluorene
Concen: 51.943 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	628080		
165	100.6	79.0	118.6	
167	14.9	11.3	16.9	





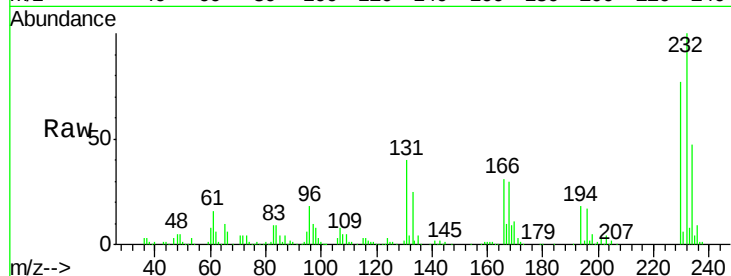
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.039 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

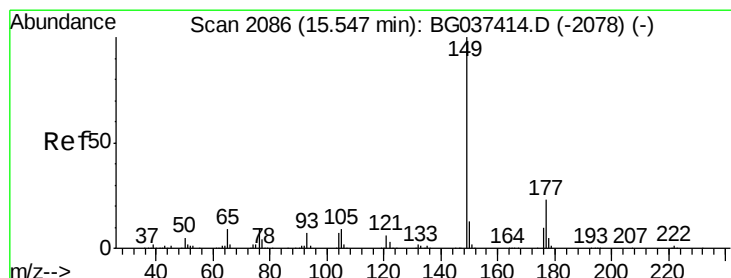
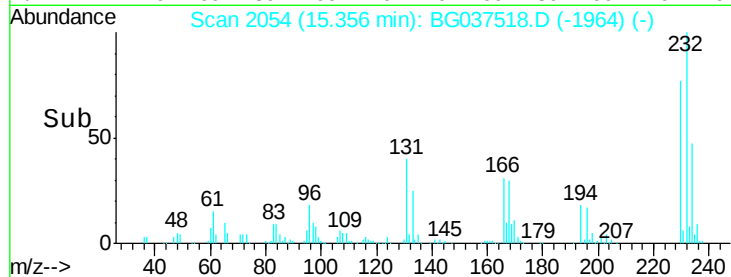
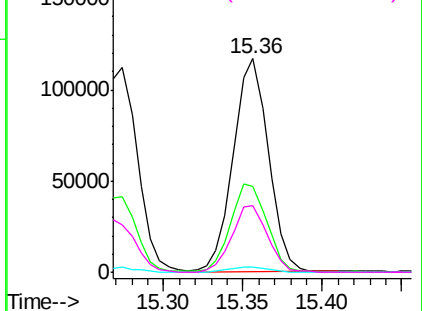
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178888		
131	43.1	33.7	50.5	
130	2.5	2.1	3.1	
166	31.8	24.6	36.8	

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM

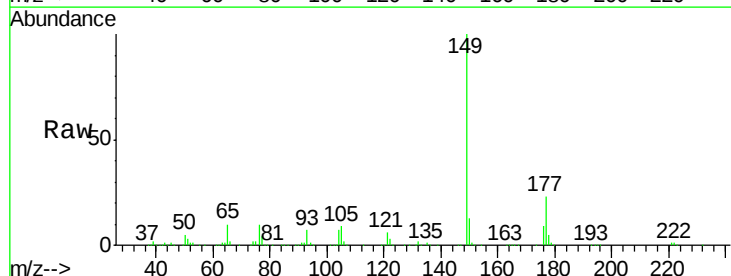


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

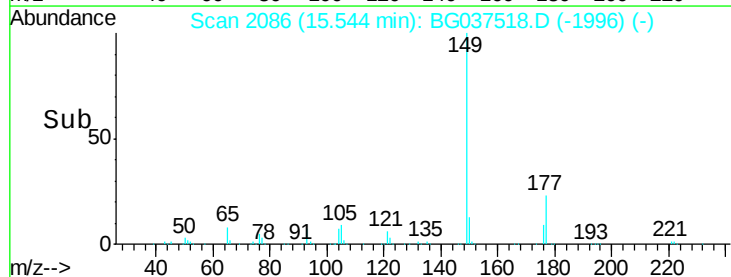
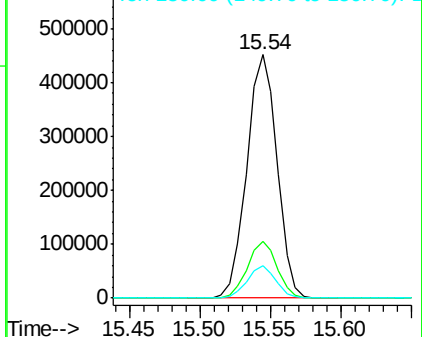


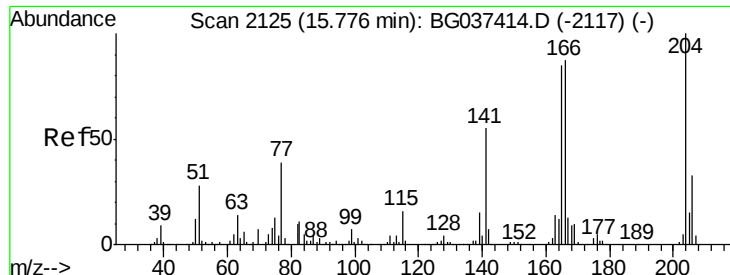
#60
Diethylphthalate
Concen: 50.916 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	678971		
177	23.5	18.3	27.5	
150	13.3	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





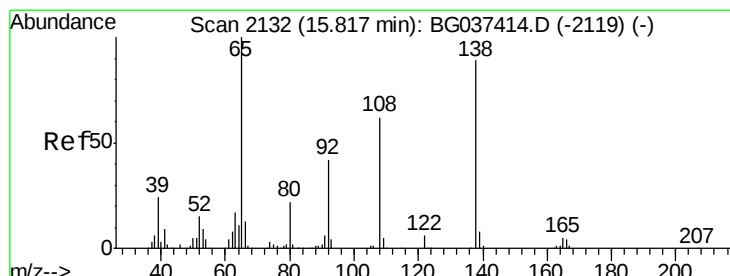
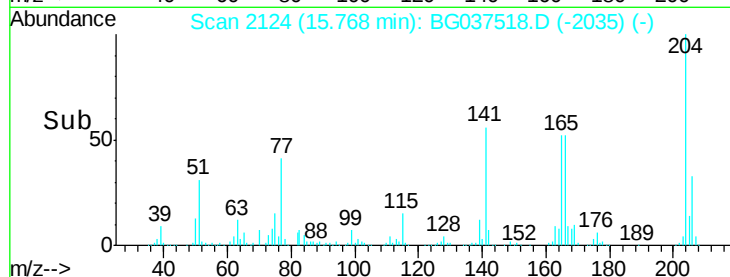
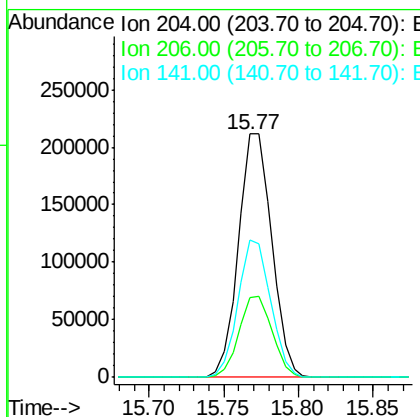
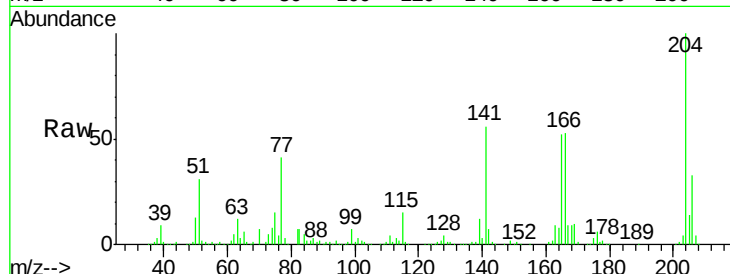
#61
 4-Chlorophenyl-phenylether
 Concen: 46.509 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	56.5	45.4	68.2

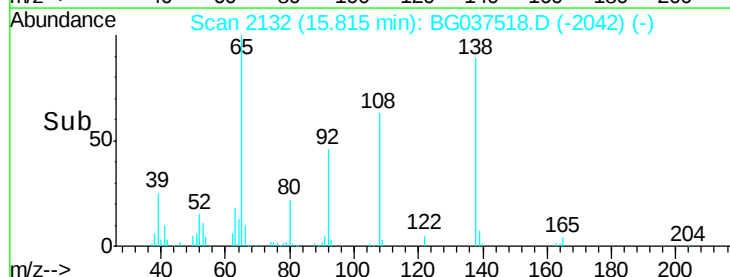
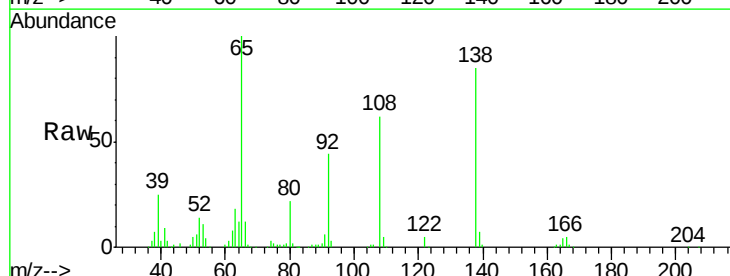
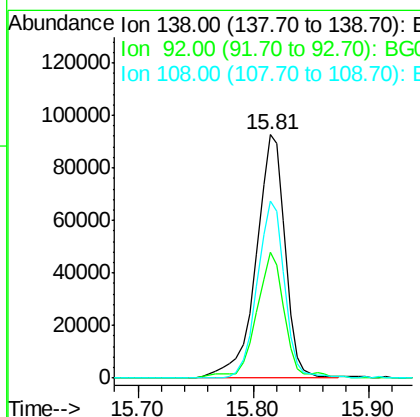
Manual Integrations
 APPROVED

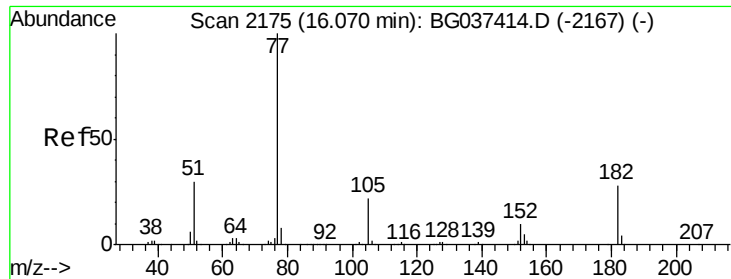
Sohil
 10/25/2018 2:13:01 PM



#62
 4-Nitroaniline
 Concen: 51.282 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	36.4	76.4
108	72.9	60.1	100.1





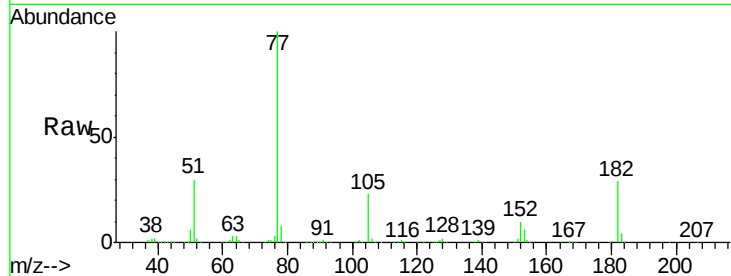
#63
Azobenzene
Concen: 50.001 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

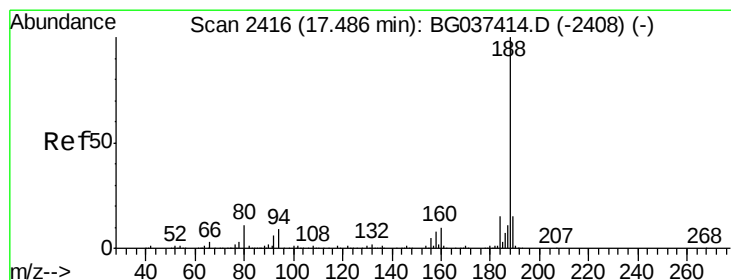
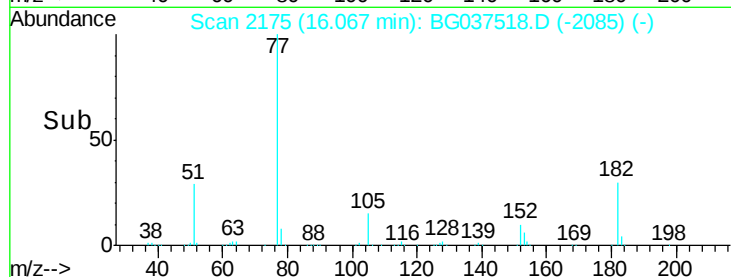
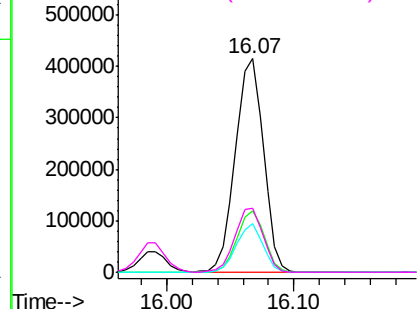
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.0	48.0
105	22.5	1.3	41.3
51	30.0	10.7	50.7

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM

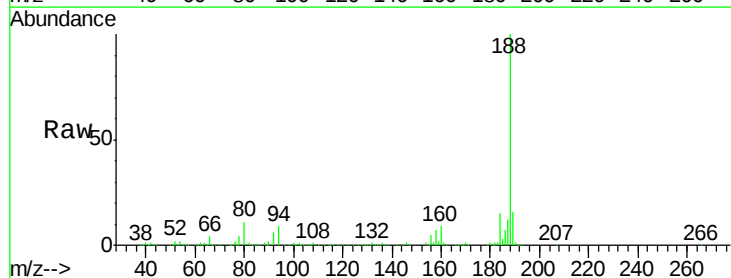


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

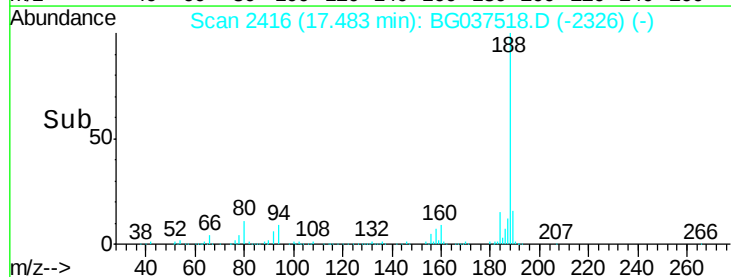
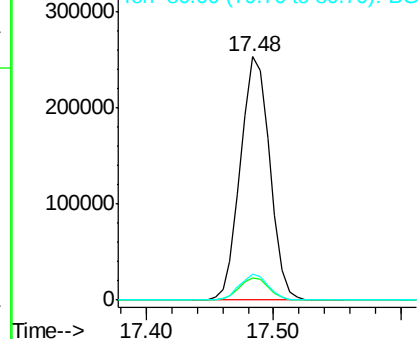


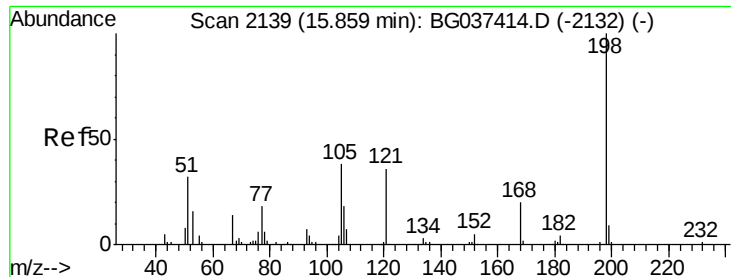
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.6	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 49.671 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

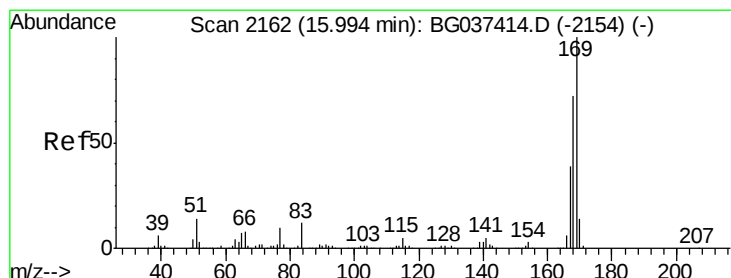
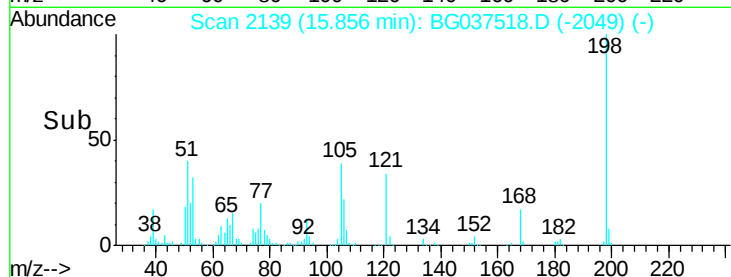
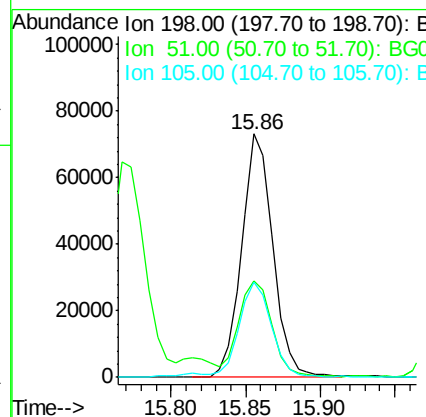
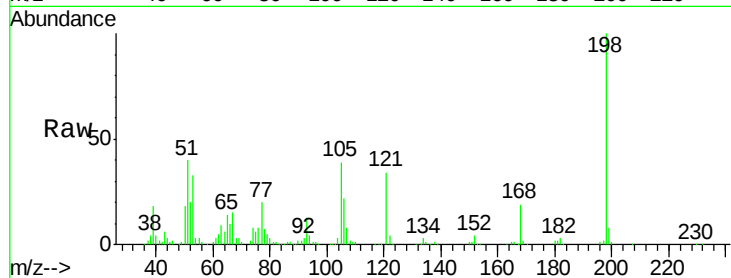
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	198	Resp:	106424
Ion Ratio	Lower	Upper	
198	100		
51	39.7	22.7	62.7
105	39.1	19.7	59.7

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#66

n-Nitrosodiphenylamine

Concen: 47.834 ng

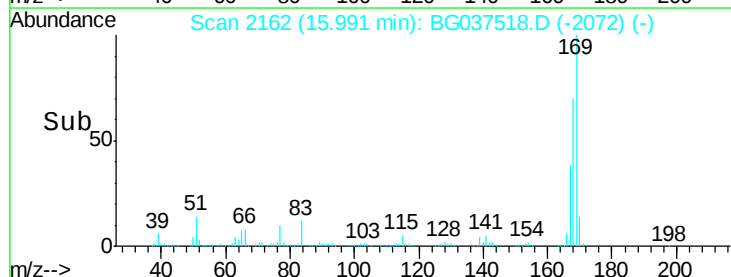
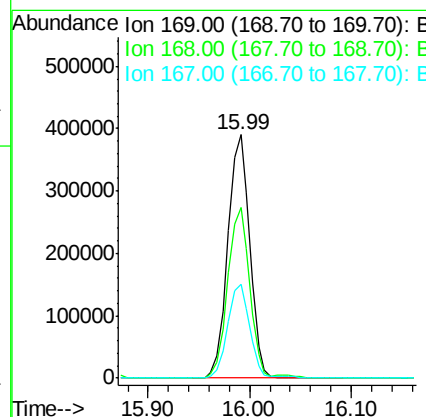
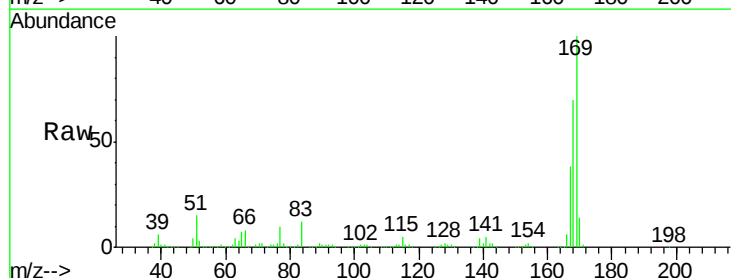
RT: 15.99 min Scan# 2162

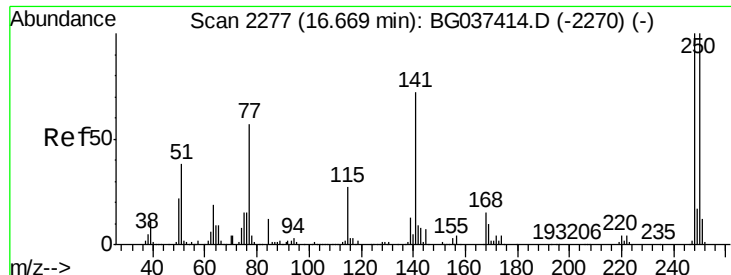
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	169	Resp:	583259
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.7	83.5
167	38.4	31.3	46.9





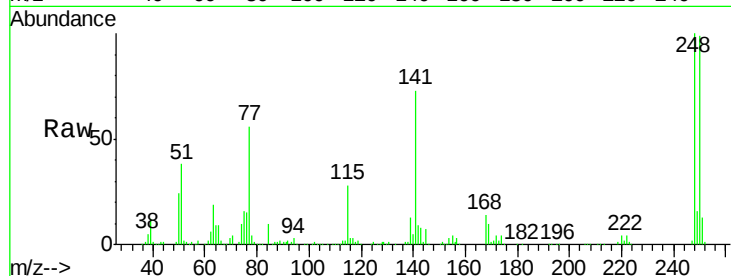
#67
 4-Bromophenyl-phenylether
 Concen: 46.447 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	206760		
250	99.5	77.0	115.6	
141	73.4	55.5	83.3	

Manual Integrations
 APPROVED

Sohil
 10/25/2018 2:13:01 PM

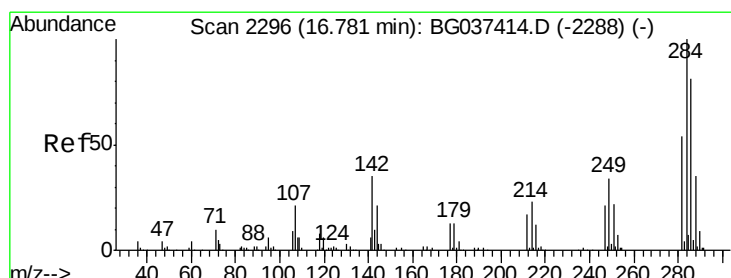
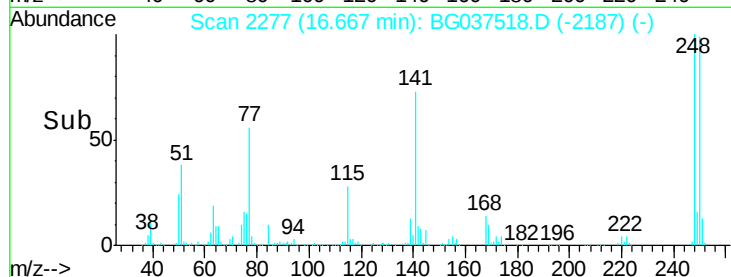
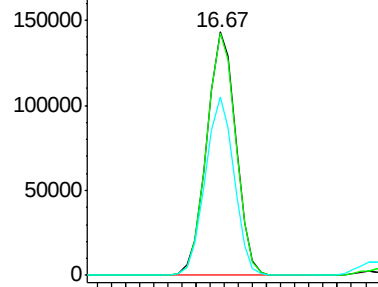


Abundance

Ion 248.00 (247.70 to 248.70): E

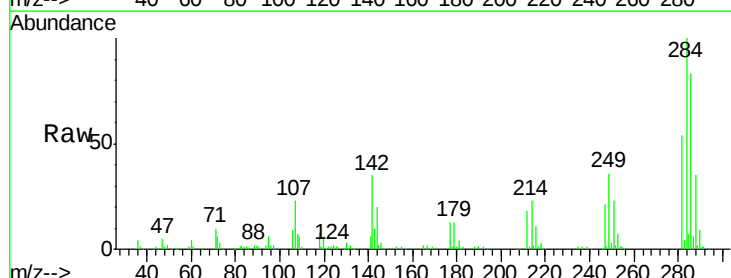
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.674 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	210722		
142	34.8	28.1	42.1	
249	39.0	29.8	44.8	

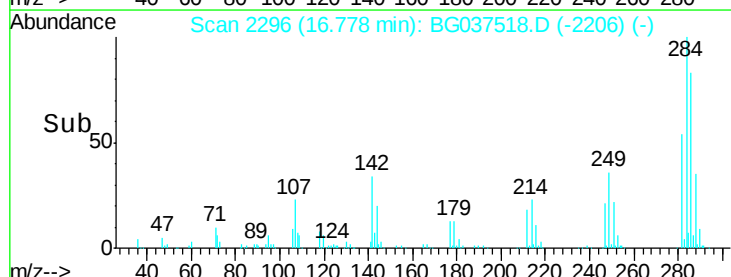
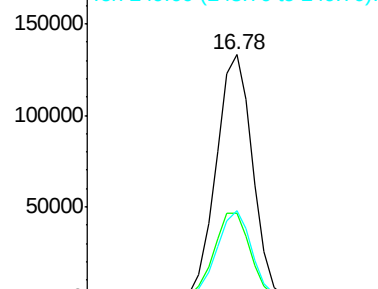


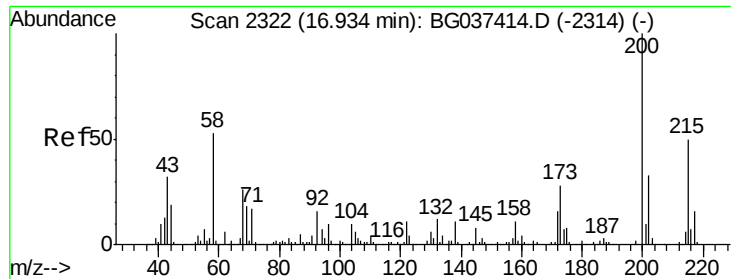
Abundance

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





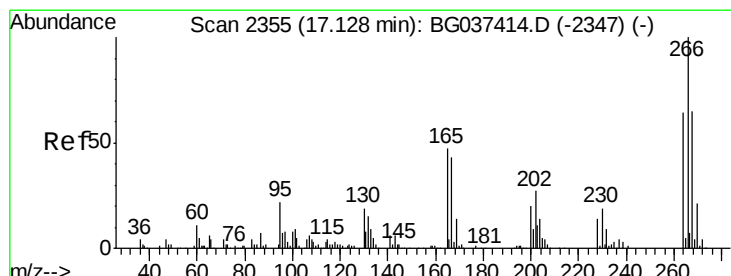
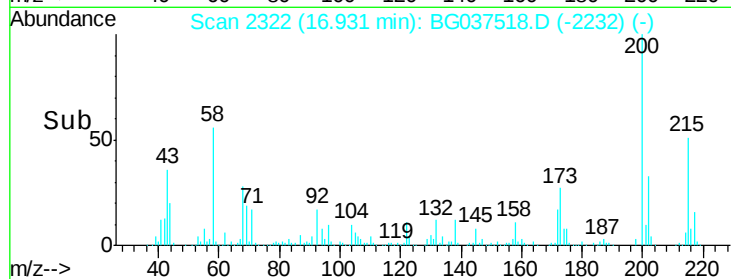
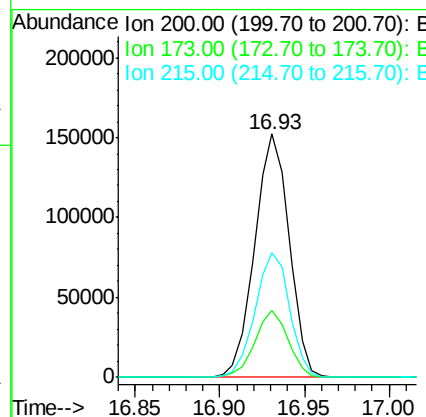
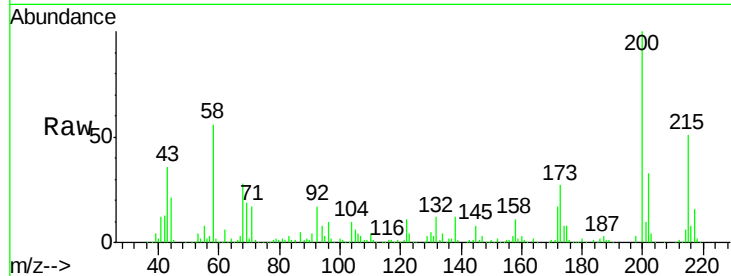
#69
 Atrazine
 Concen: 49.102 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	6.1	46.1
215	51.1	30.8	70.8

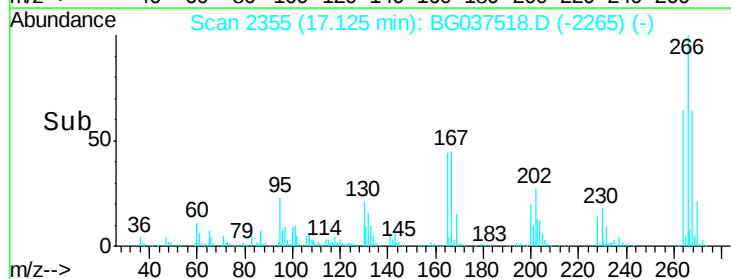
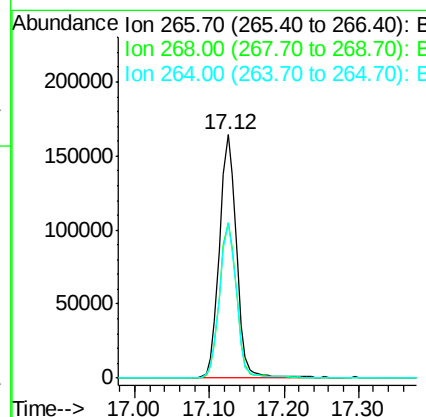
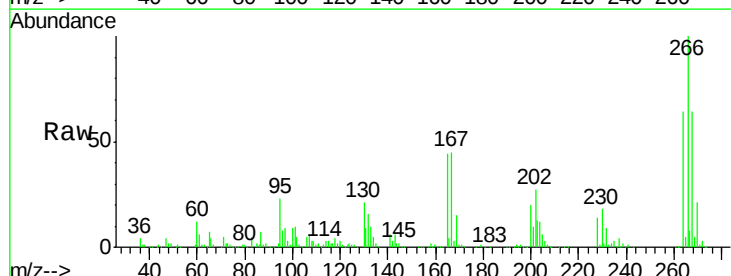
Manual Integrations
 APPROVED

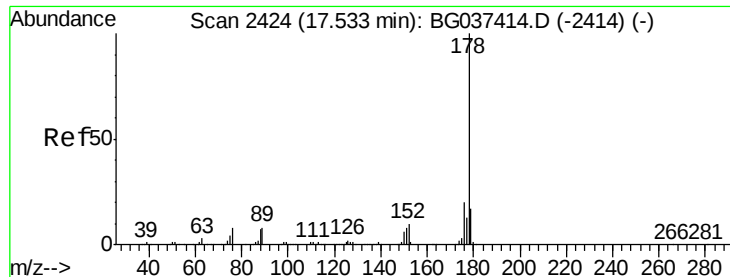
Sohil
 10/25/2018 2:13:01 PM



#70
 Pentachlorophenol
 Concen: 85.094 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.5	55.0	82.6
264	68.9	58.9	88.3





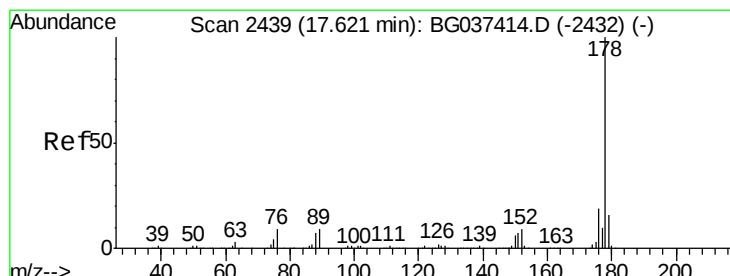
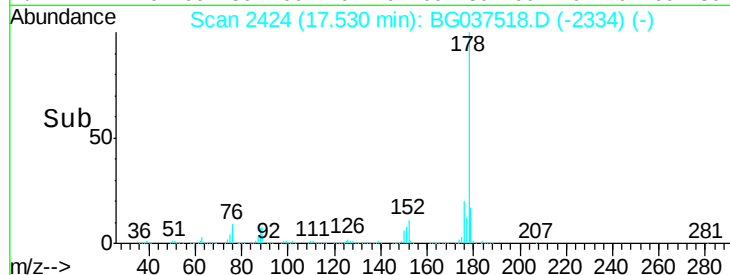
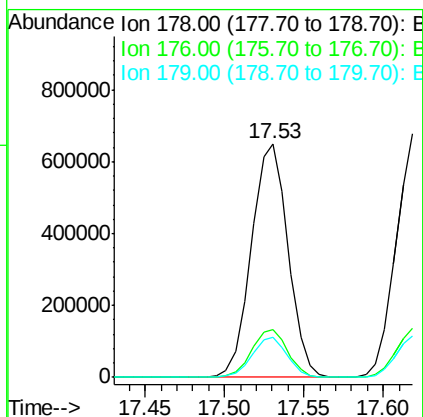
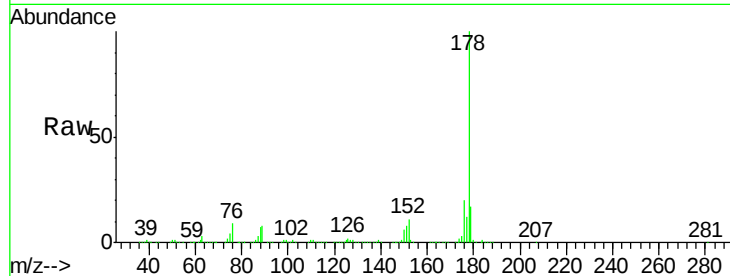
#71
Phenanthrene
Concen: 50.586 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion:178 Resp: 1042165
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.0 13.0 19.4

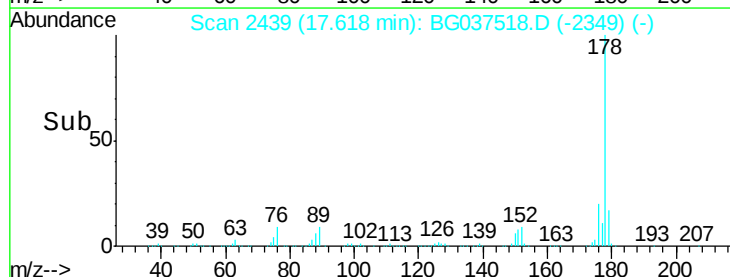
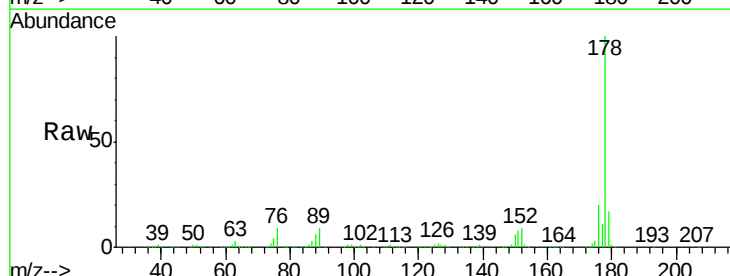
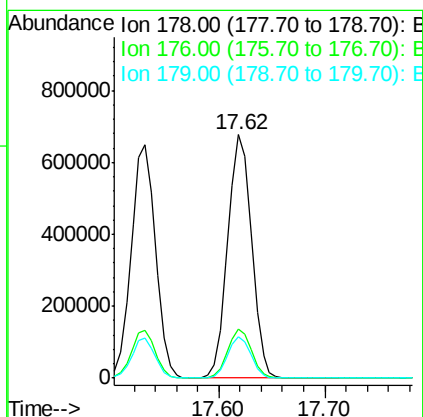
Manual Integrations
APPROVED

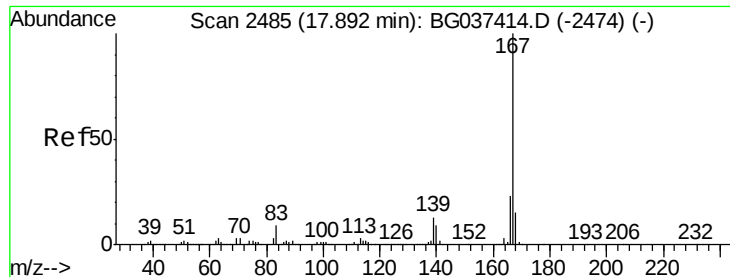
Sohil
10/25/2018 2:13:01 PM



#72
Anthracene
Concen: 52.299 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:178 Resp: 1057369
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 17.1 12.8 19.2





#73

Carbazole

Concen: 47.885 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

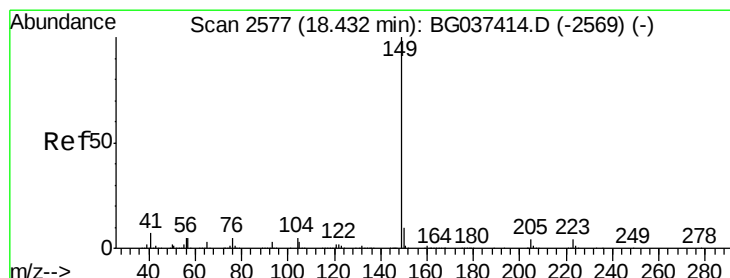
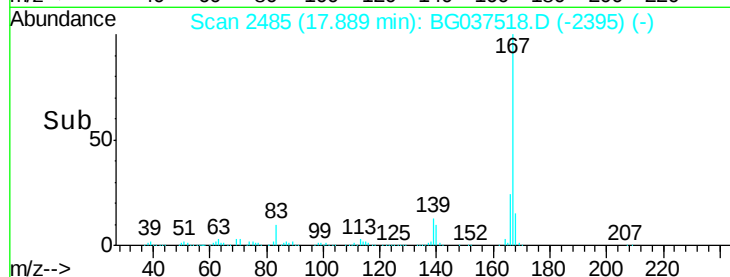
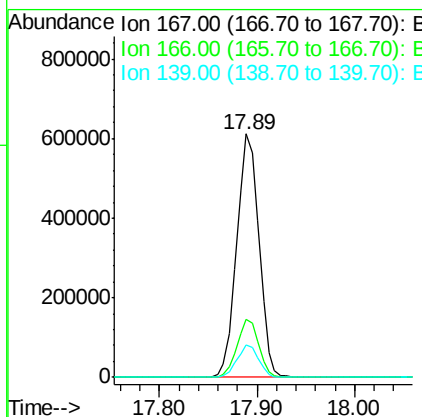
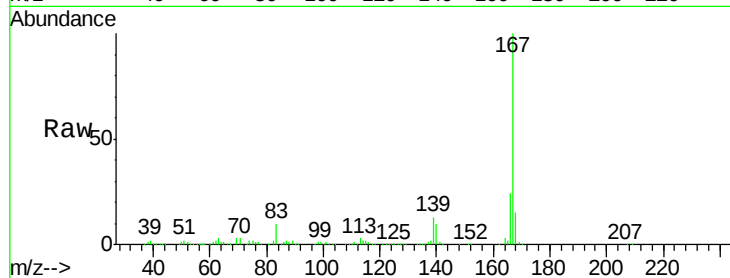
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	167	Resp:	968416
Ion Ratio		Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.3	10.5	15.7

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#74

Di-n-butylphthalate

Concen: 51.212 ng

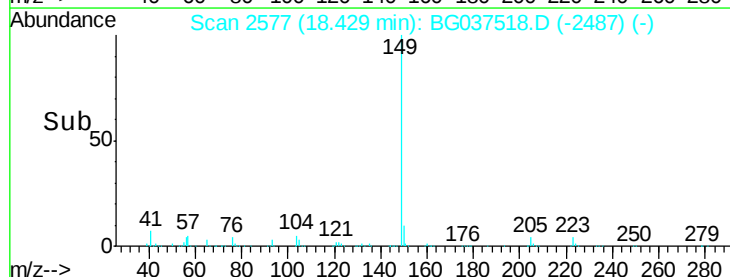
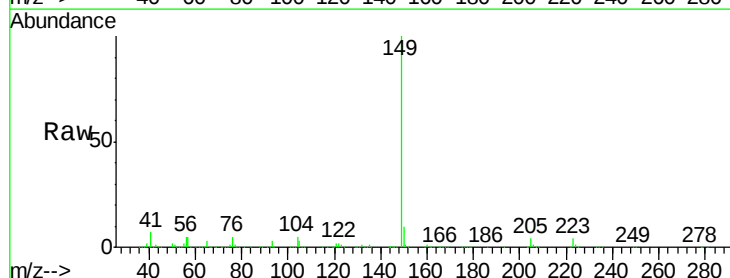
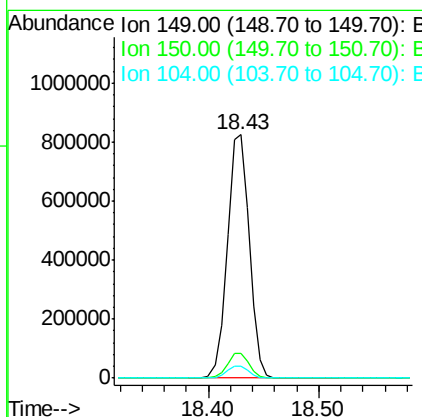
RT: 18.43 min Scan# 2577

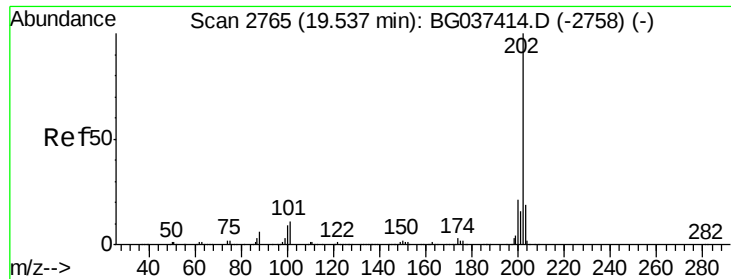
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	149	Resp:	1152118
Ion Ratio		Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 51.552 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

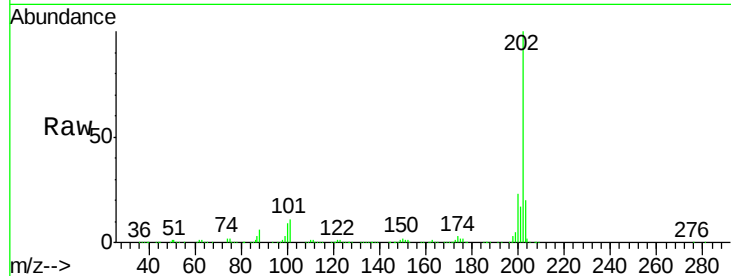
ClientSampleId :

NB-08-102318MSD

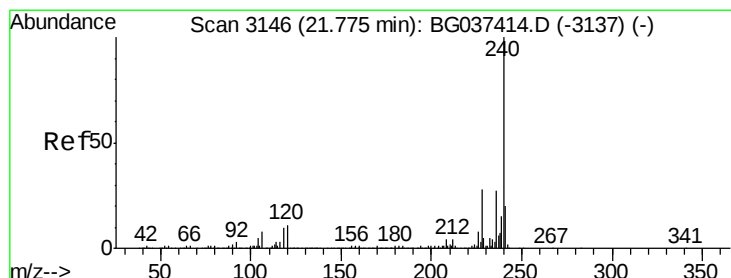
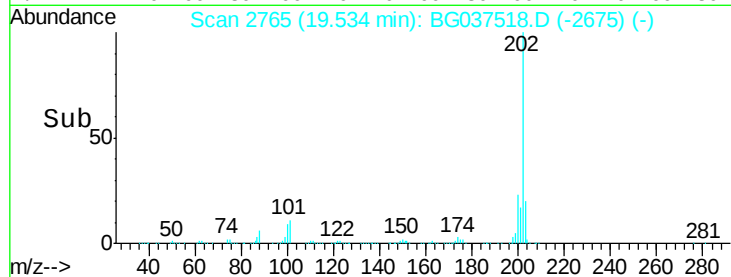
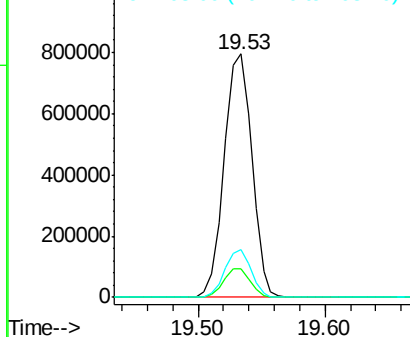
Tgt Ion:	202	Resp:	1204579
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	19.6	0.0	38.5

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

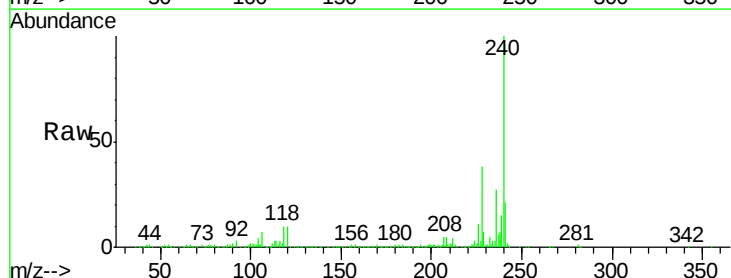
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

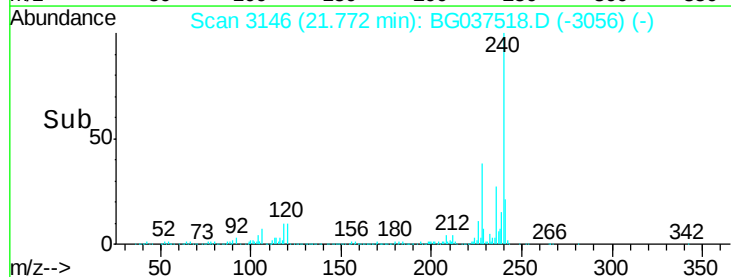
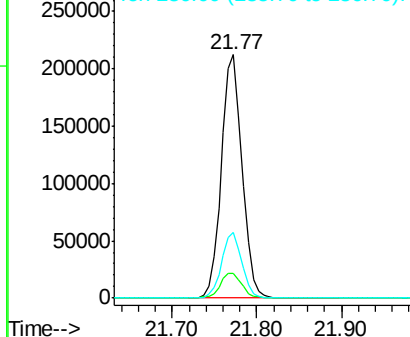
Lab File: BG037518.D

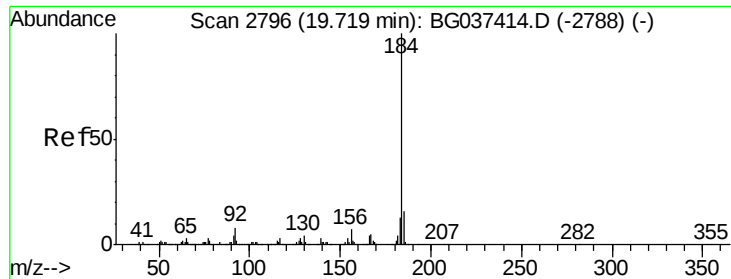
Acq: 24 Oct 2018 19:27

Tgt Ion:	240	Resp:	360104
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.1	21.4	32.0



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





#77

Benzidine

Concen: 6.238 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

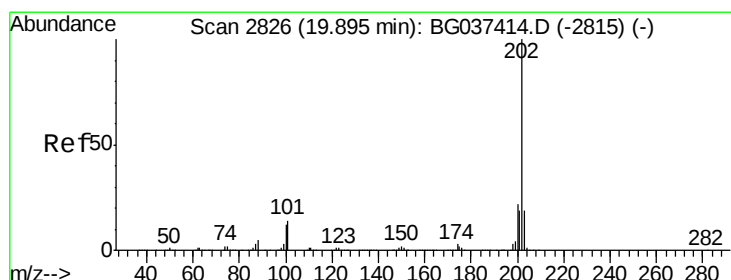
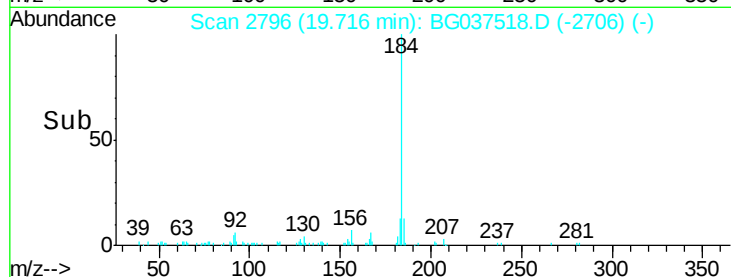
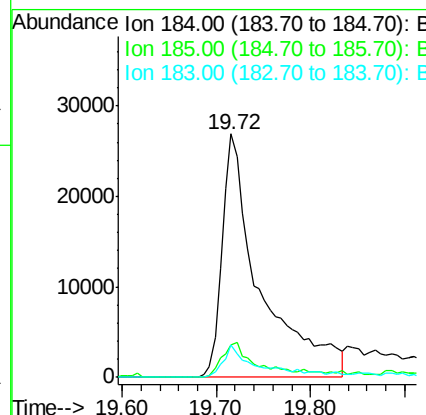
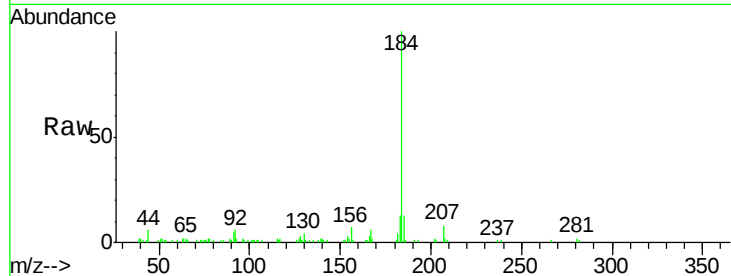
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	184	Resp:	76379
Ion Ratio	Lower	Upper	
184	100		
185	13.2	12.6	18.8
183	13.3	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#78

Pyrene

Concen: 51.059 ng

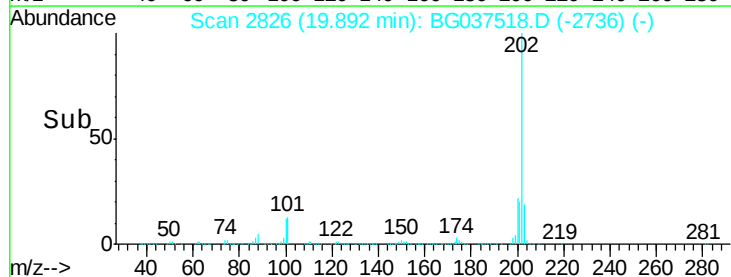
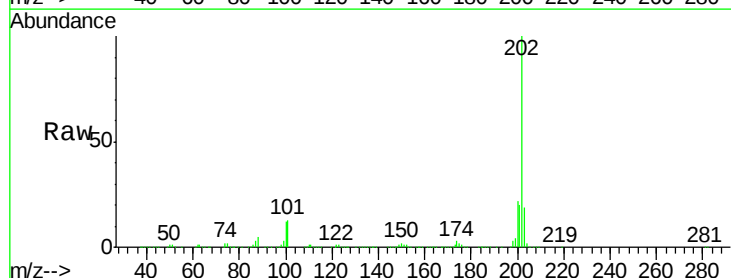
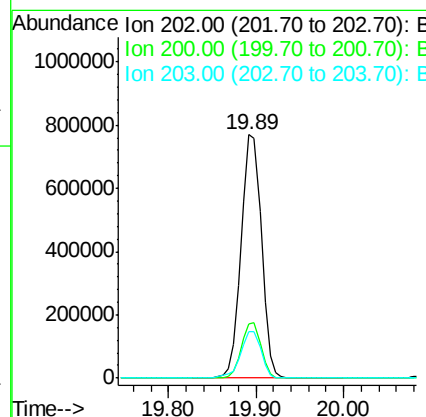
RT: 19.89 min Scan# 2826

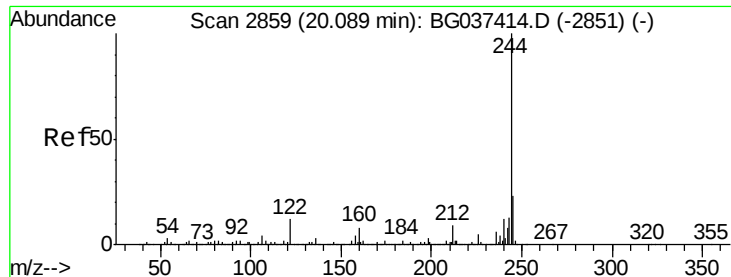
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	202	Resp:	1201946
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.6
203	19.2	15.2	22.8





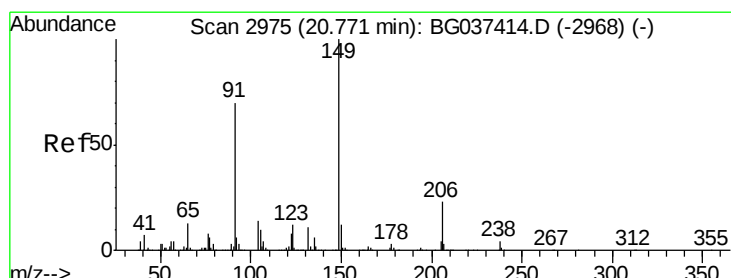
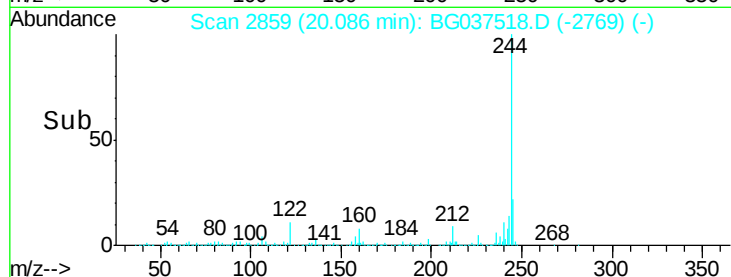
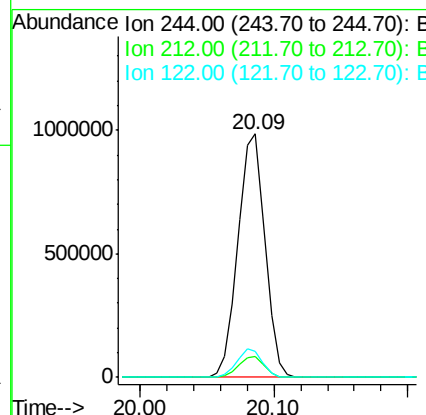
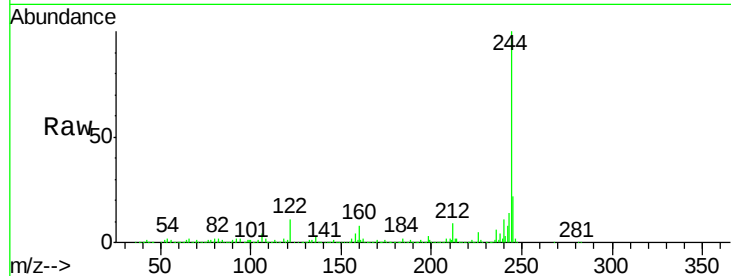
#79
 Terphenyl-d14
 Concen: 82.360 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.9	9.0	13.4

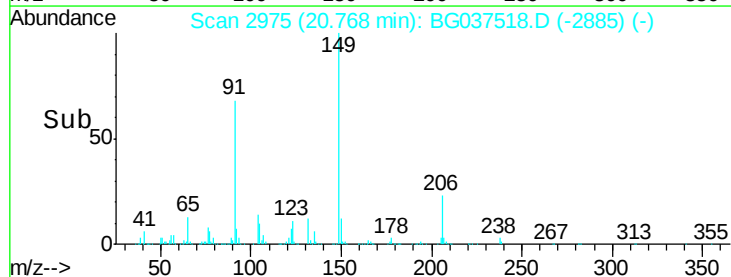
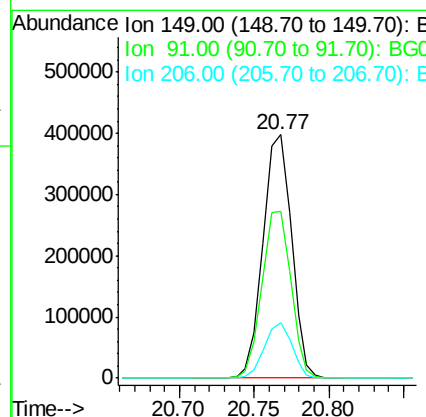
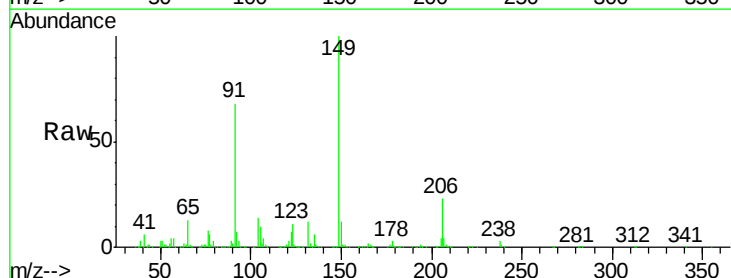
Manual Integrations
 APPROVED

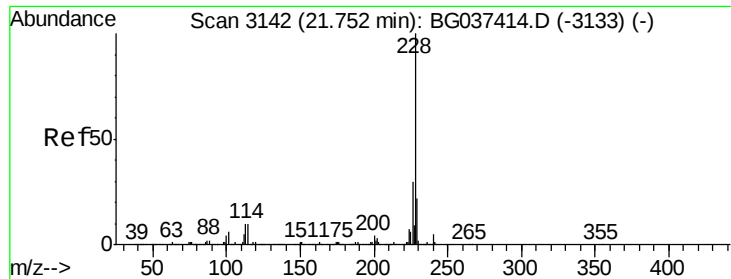
Sohil
 10/25/2018 2:13:01 PM



#80
 Butylbenzylphthalate
 Concen: 54.653 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.0	85.4
206	22.7	17.8	26.6





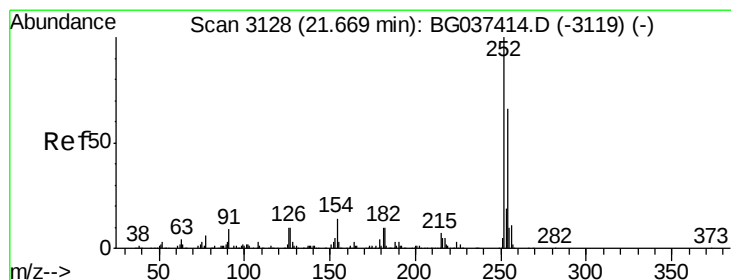
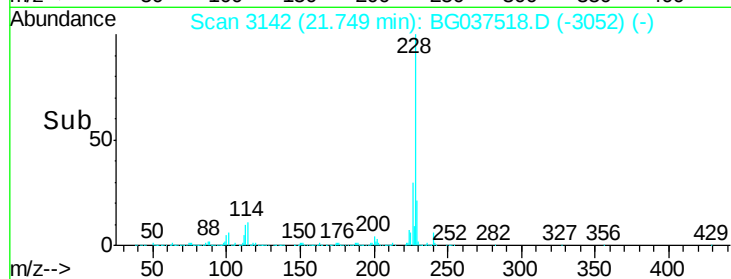
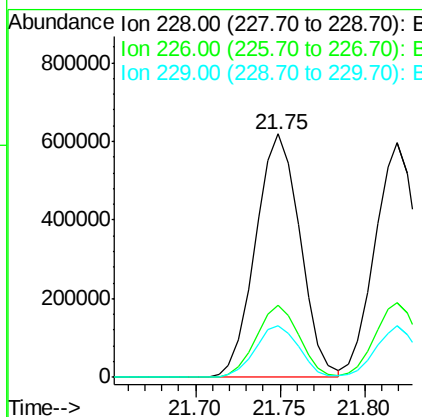
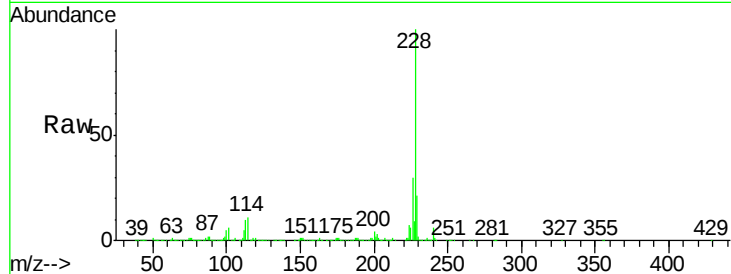
#81
Benzo(a)anthracene
Concen: 52.914 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.1	16.3	24.5

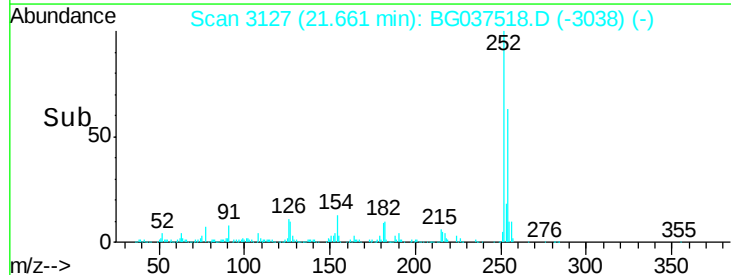
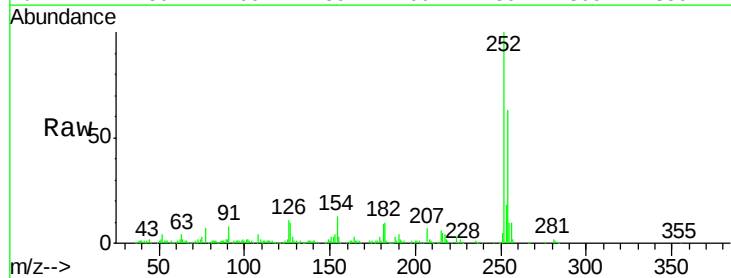
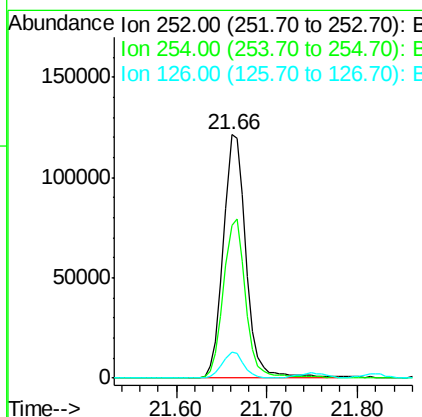
Manual Integrations
APPROVED

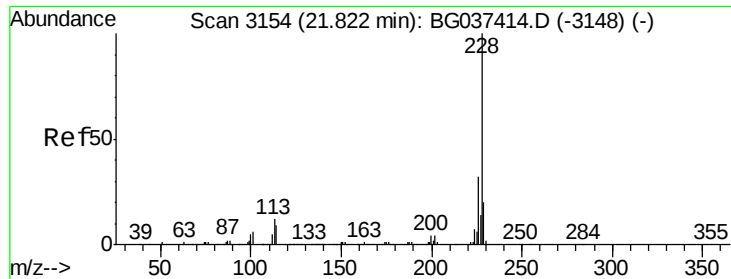
Sohil
10/25/2018 2:13:01 PM



#82
3,3'-Dichlorobenzidine
Concen: 25.622 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.0	78.0
126	10.6	8.2	12.4





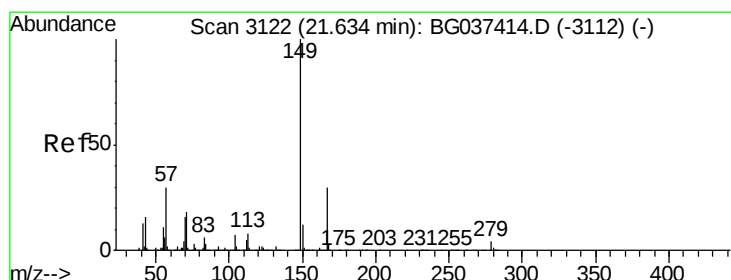
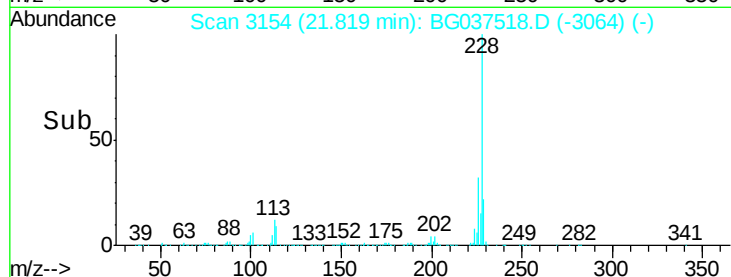
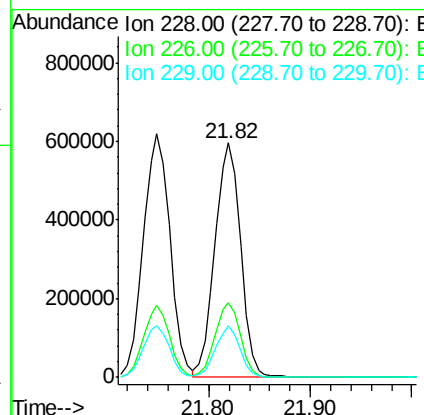
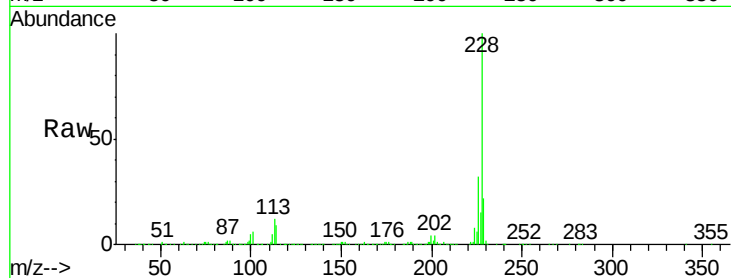
#83
Chrysene
 Concen: 51.038 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-102318MSD

Tgt Ion: 228 Resp: 1045331
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.7 38.5
 229 21.8 16.5 24.7

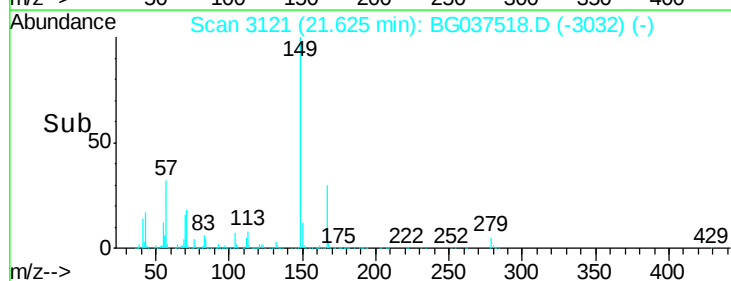
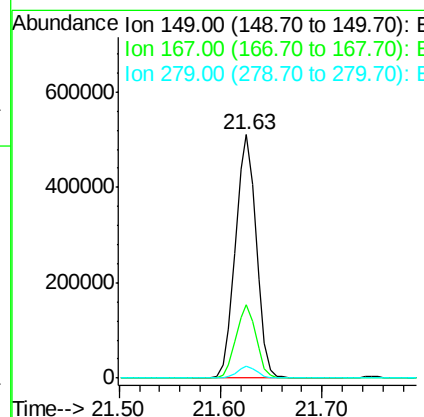
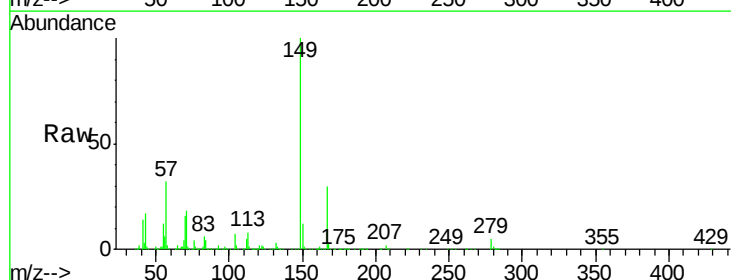
Manual Integrations
 APPROVED

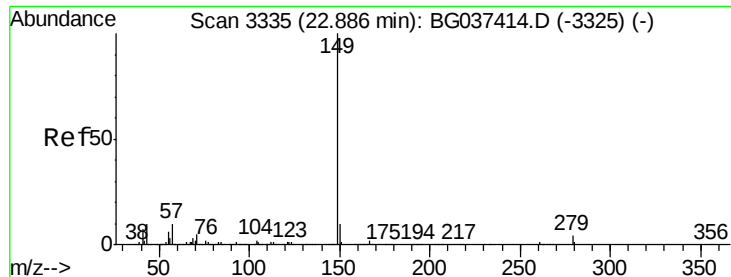
Sohil
 10/25/2018 2:13:01 PM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 53.976 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037518.D
 Acq: 24 Oct 2018 19:27

Tgt Ion: 149 Resp: 728907
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.0 34.4
 279 4.6 3.6 5.4





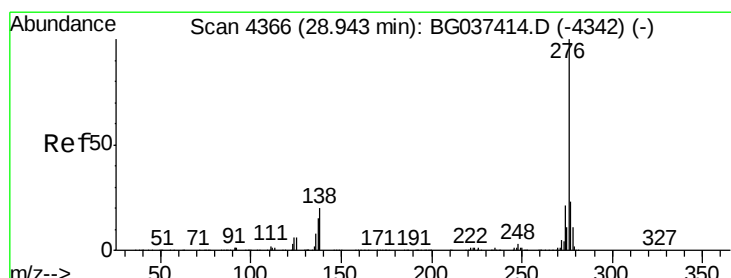
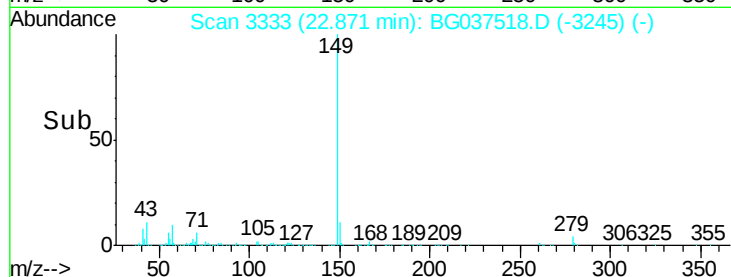
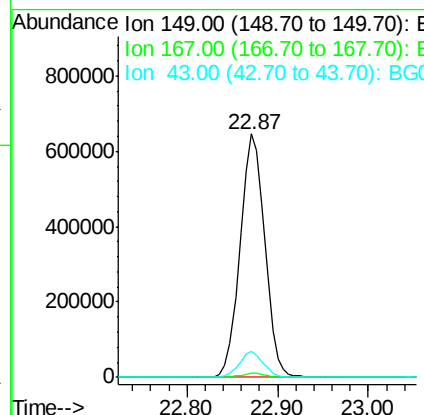
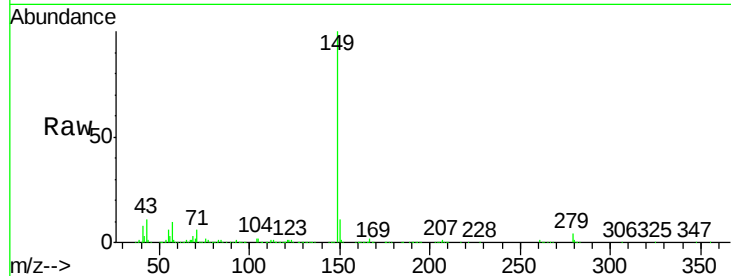
#85
Di-n-octyl phthalate
Concen: 55.678 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.5	8.7	13.1

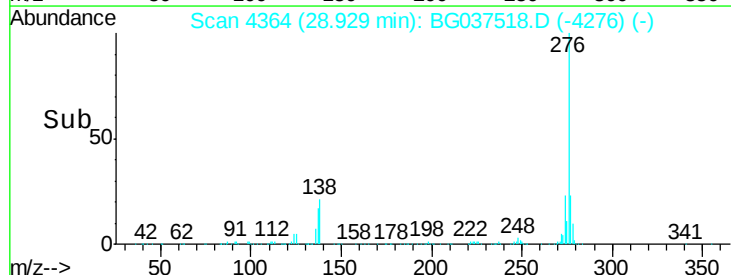
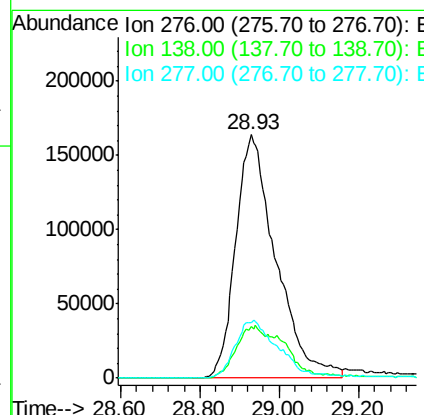
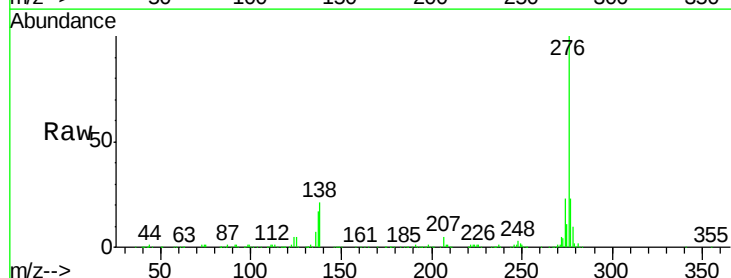
Manual Integrations
APPROVED

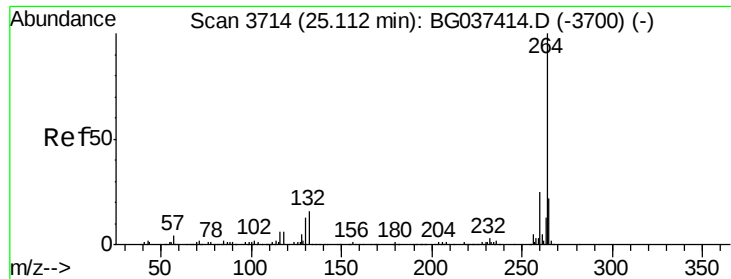
Sohil
10/25/2018 2:13:01 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.629 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	12.0	18.0#
277	25.3	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Instrument :

BNA_G

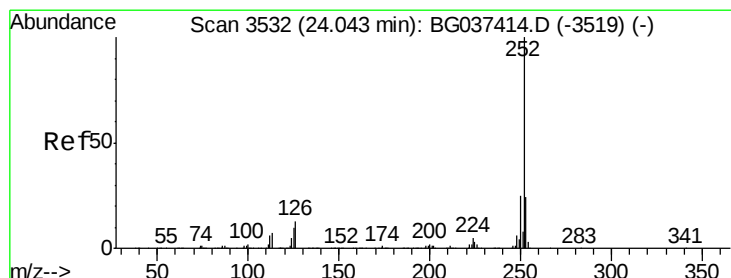
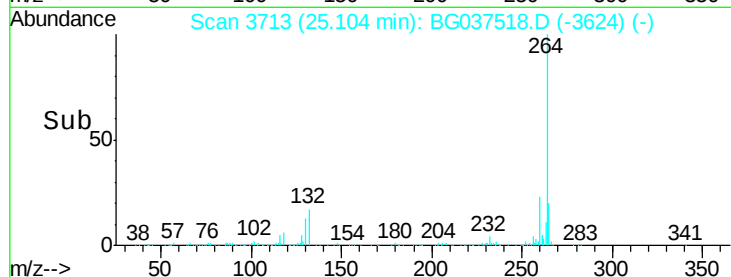
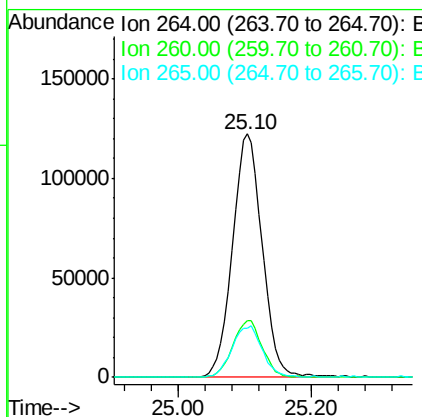
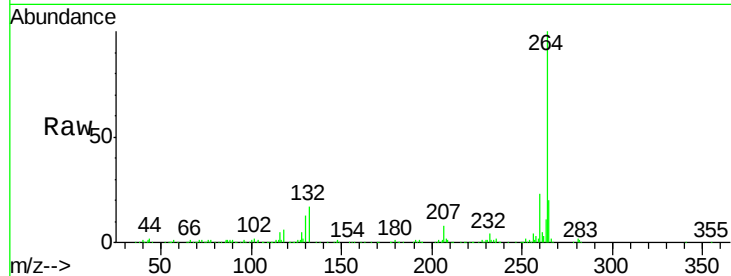
ClientSampleId :

NB-08-102318MSD

Tgt Ion:	264	Resp:	379177
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.4	17.9	26.9

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#88

Benzo(b)fluoranthene

Concen: 52.500 ng

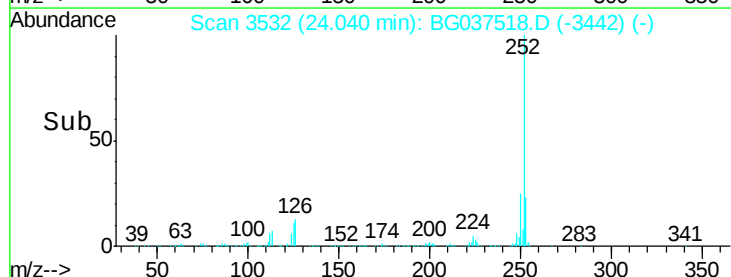
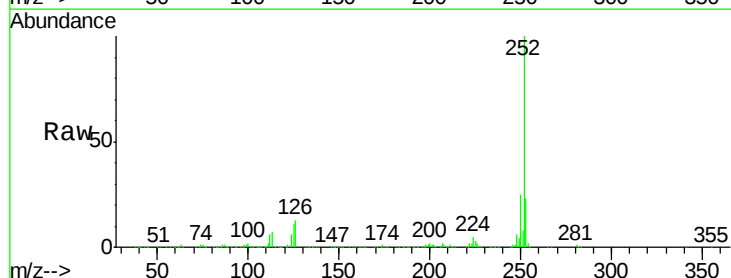
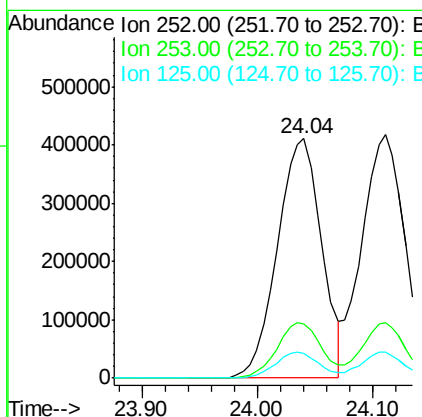
RT: 24.04 min Scan# 3532

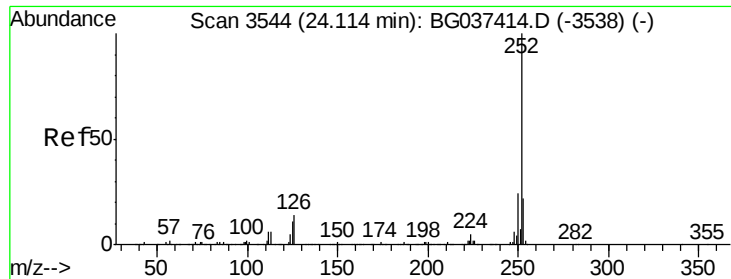
Delta R.T. -0.00 min

Lab File: BG037518.D

Acq: 24 Oct 2018 19:27

Tgt Ion:	252	Resp:	1091374
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.6	7.8	11.6





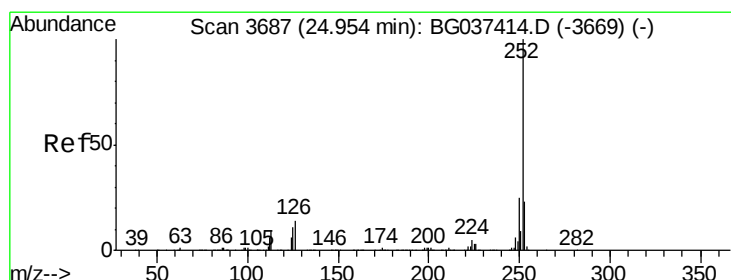
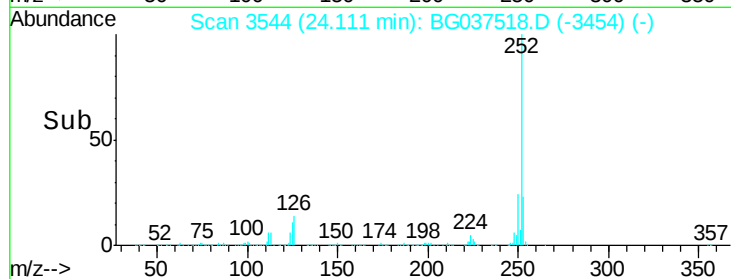
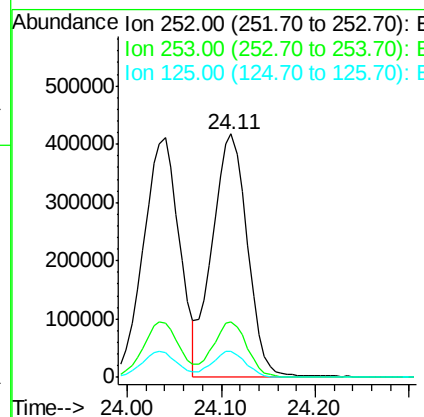
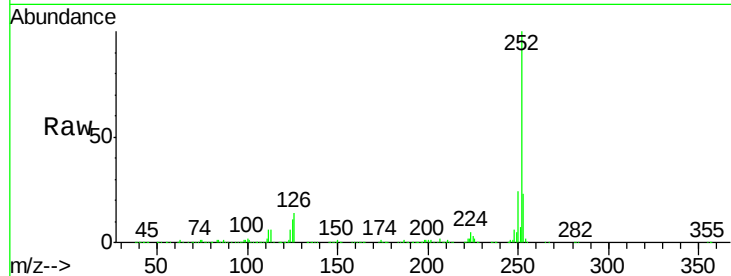
#89
Benzo(k)fluoranthene
Concen: 53.206 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion:252 Resp: 1083618
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.6 7.4 11.0

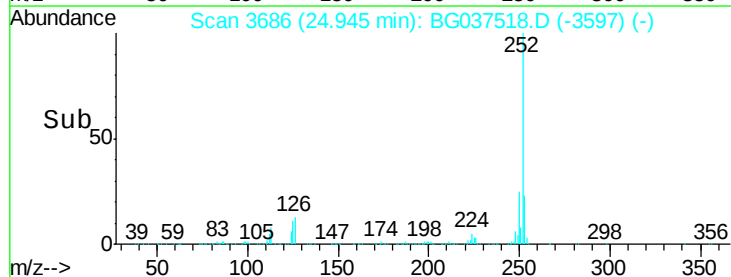
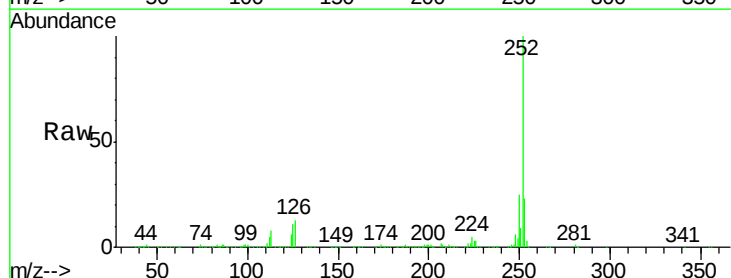
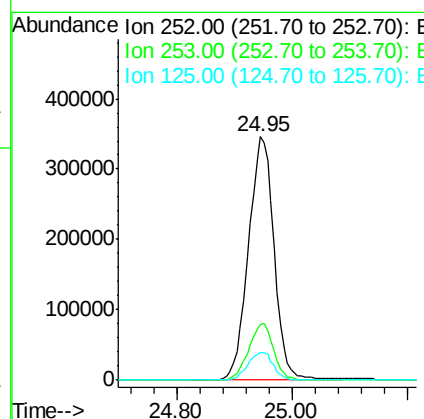
Manual Integrations
APPROVED

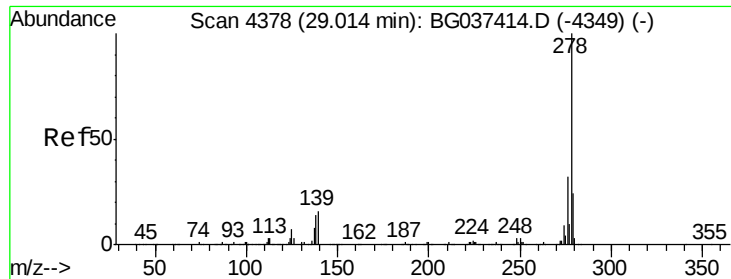
Sohil
10/25/2018 2:13:01 PM



#90
Benzo(a)pyrene
Concen: 53.896 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion:252 Resp: 1064624
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.2 9.0 13.6





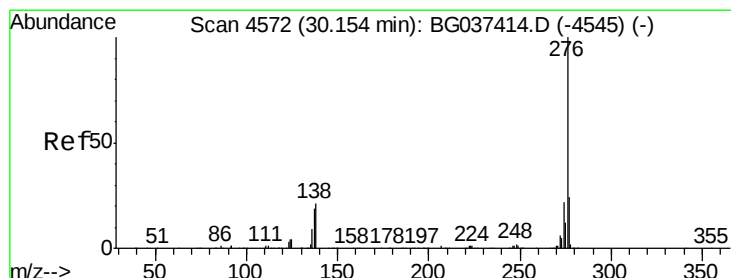
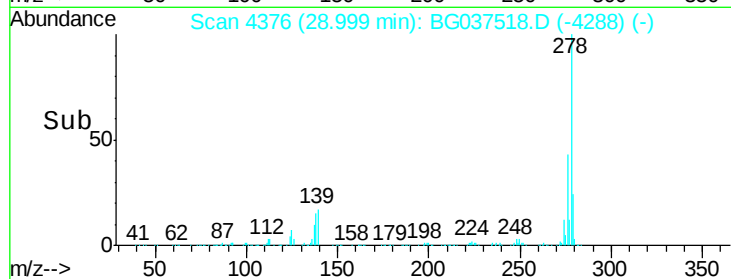
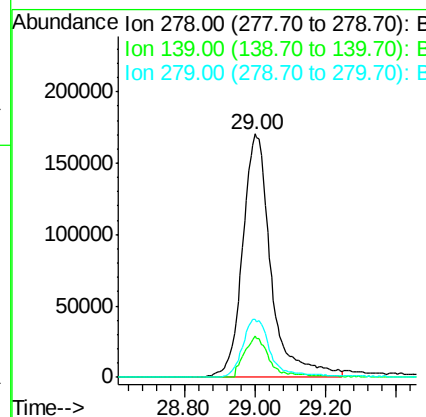
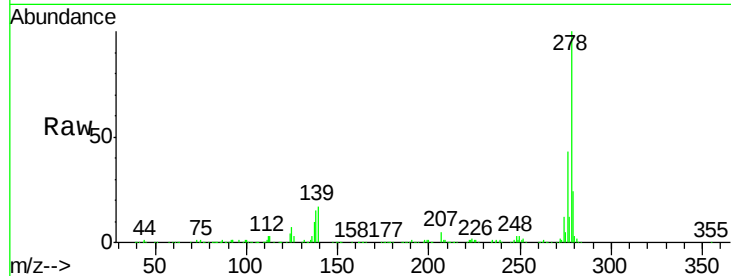
#91
Dibenzo(a,h)anthracene
Concen: 52.367 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.5	17.3
279	23.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/25/2018 2:13:01 PM



#92
Benzo(g,h,i)perylene
Concen: 50.413 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG037518.D
Acq: 24 Oct 2018 19:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	22.3	17.2	25.8

