

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037202.D
 Acq On : 5 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J5199-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Manual Integrations
 APPROVED

Sohil
 10/8/2018 1:56:17 PM

Quant Time: Oct 06 05:25:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38416	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166636	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	115698	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	296273	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	292989	20.00	ng	-0.02
86) Perylene-d12	24.87	264	302988	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264614	132.10	ng	-0.01
7) Phenol-d6	7.20	99	361100	116.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	273581	87.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	180272	130.23	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	590185	75.97	ng	-0.02
78) Terphenyl-d14	20.01	244	1057900	94.94	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	42318	46.168	ng	# 85
3) Pyridine	3.92	79	107698	40.693	ng	98
4) n-Nitrosodimethylamine	3.83	42	64605	54.922	ng	# 98
6) Aniline	7.36	93	61234	15.227	ng	97
8) 2-Chlorophenol	7.60	128	127723	54.913	ng	95
9) Benzaldehyde	7.17	77	84898	41.456	ng	95
10) Phenol	7.22	94	159342	49.817	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	129726	43.846	ng	99
12) 1,3-Dichlorobenzene	7.92	146	131990	46.288	ng	100
13) 1,4-Dichlorobenzene	8.06	146	130017	44.555	ng	95
14) 1,2-Dichlorobenzene	8.39	146	130385	46.107	ng	98
15) Benzyl Alcohol	8.27	79	125859	50.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	269882	47.512	ng	98
17) 2-Methylphenol	8.47	107	118236	53.068	ng	97
18) Hexachloroethane	9.11	117	52587	48.970	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	118369	45.912	ng	98
20) 3+4-Methylphenols	8.80	107	161747	52.184	ng	98
22) Acetophenone	8.86	105	207450	52.976	ng	# 95
24) Nitrobenzene	9.24	77	173781	52.296	ng	99
25) Isophorone	9.75	82	344820	60.646	ng	99
26) 2-Nitrophenol	9.95	139	75263	56.822	ng	98
27) 2,4-Dimethylphenol	10.00	122	130038	63.026	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	190021	54.161	ng	99
29) 2,4-Dichlorophenol	10.48	162	143145	59.849	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	141339	47.221	ng	95
31) Naphthalene	10.88	128	450718	56.847	ng	99
32) Benzoic acid	10.14	122	30889m	22.990	ng	
33) 4-Chloroaniline	11.02	127	10092	2.799	ng	# 87
34) Hexachlorobutadiene	11.16	225	93952	45.389	ng	98
35) Caprolactam	11.78	113	46561m	47.298	ng	
36) 4-Chloro-3-methylphenol	12.12	107	177748	62.283	ng	99
37) 2-Methylnaphthalene	12.49	142	334417	55.380	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	184398	45.696	ng	98
40) Hexachlorocyclopentadiene	12.83	237	186844	90.028	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037202.D
 Acq On : 5 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J5199-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Manual Integrations
 APPROVED

Sohil
 10/8/2018 1:56:17 PM

Quant Time: Oct 06 05:25:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	124475	55.548	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	140374	58.748	nq	97
45) 1,1'-Biphenyl	13.49	154	441672	49.845	nq	97
46) 2-Chloronaphthalene	13.54	162	333078	47.799	nq	99
47) 2-Nitroaniline	13.74	65	138063	57.282	nq	98
48) Acenaphthylene	14.38	152	603311	55.251	nq	100
49) Dimethylphthalate	14.11	163	491568	52.783	nq	100
50) 2,6-Dinitrotoluene	14.23	165	109877	54.076	nq	97
51) Acenaphthene	14.72	154	340998	51.671	nq	99
52) 3-Nitroaniline	14.57	138	18099	8.453	nq	96
53) 2,4-Dinitrophenol	14.78	184	36291	42.116	nq	96
54) Dibenzofuran	15.05	168	570949	51.148	nq	100
55) 4-Nitrophenol	14.88	139	143099	104.617	nq	99
56) 2,4-Dinitrotoluene	15.02	165	152685	53.852	nq	96
57) Fluorene	15.71	166	464516	55.675	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141164	58.238	nq	99
59) Diethylphthalate	15.47	149	493781	52.569	nq	100
60) 4-Chlorophenyl-phenylether	15.69	204	253575	47.991	nq	99
61) 4-Nitroaniline	15.74	138	104553	46.423	nq	96
62) Azobenzene	15.99	77	497274	55.098	nq	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	49776	32.135	nq	96
65) n-Nitrosodiphenylamine	15.91	169	426569	52.153	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	166603	49.438	nq	96
67) Hexachlorobenzene	16.71	284	167006	48.117	nq	99
68) Atrazine	16.86	200	176525	53.301	nq	100
69) Pentachlorophenol	17.05	266	162669	74.440	nq	98
70) Phenanthrene	17.45	178	776079	54.358	nq	99
71) Anthracene	17.53	178	793782	56.227	nq	100
72) Carbazole	17.80	167	696365	50.591	nq	99
73) Di-n-butylphthalate	18.36	149	826312	54.057	nq	100
74) Fluoranthene	19.45	202	934658	54.386	nq	99
76) Benzidine	19.64	184	105489	11.910	nq	98
77) Pyrene	19.81	202	919102	52.276	nq	100
79) Butylbenzylphthalate	20.69	149	389842	55.628	nq	97
80) Benzo(a)anthracene	21.65	228	908012	53.090	nq	100
81) 3,3'-Dichlorobenzidine	21.56	252	118338	18.178	nq	98
82) Chrysene	21.72	228	860504	52.073	nq	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	540859	55.246	nq	99
84) Di-n-octyl phthalate	22.74	149	903964	56.081	nq	99
85) Indeno(1,2,3-cd)pyrene	28.50	276	1022337	57.612	nq	# 93
87) Benzo(b)fluoranthene	23.85	252	900390	55.762	nq	97
88) Benzo(k)fluoranthene	23.92	252	869682	53.685	nq	99
89) Benzo(a)pyrene	24.71	252	871786	55.846	nq	99
90) Dibenzo(a,h)anthracene	28.56	278	825995	56.458	nq	99
91) Benzo(g,h,i)perylene	29.64	276	844393	57.508	nq	98

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

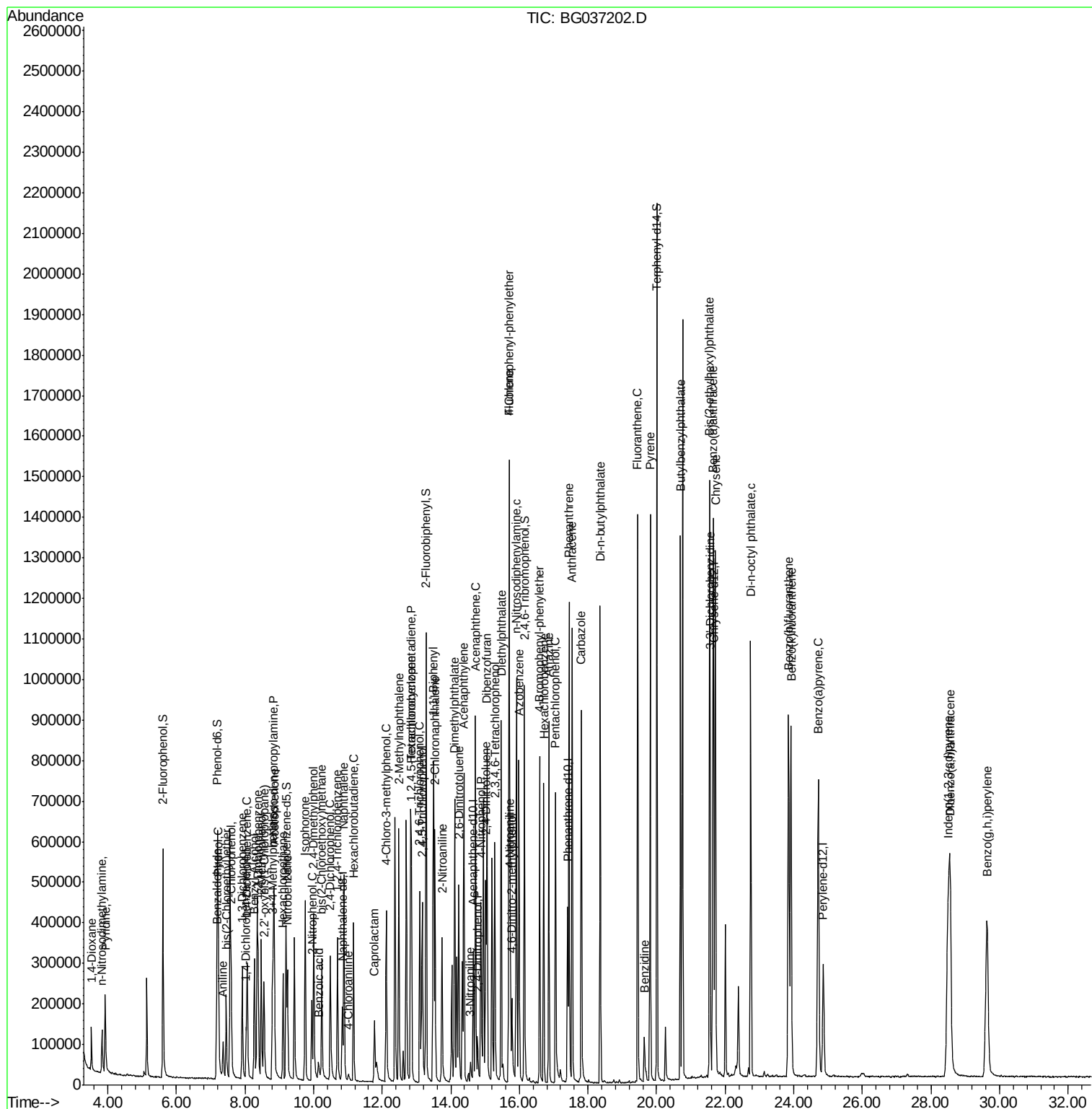
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037202.D
 Acq On : 5 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J5199-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

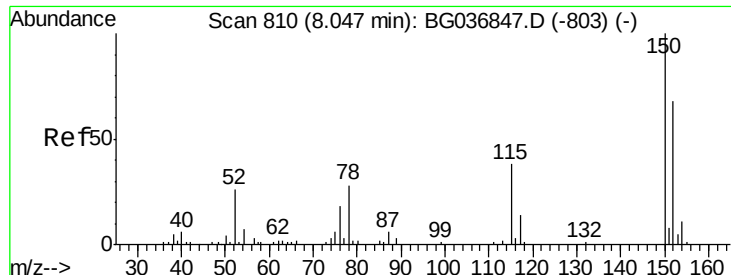
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Manual Integrations
 APPROVED

Sohil
 10/8/2018 1:56:17 PM

Quant Time: Oct 06 05:25:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

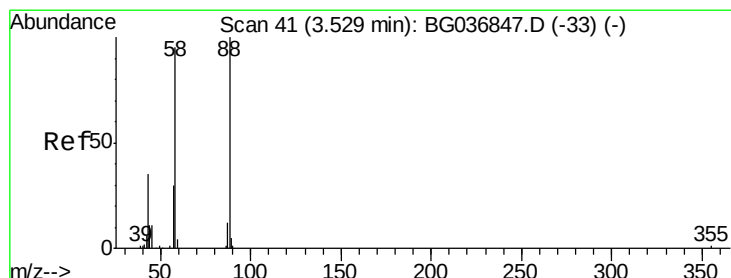
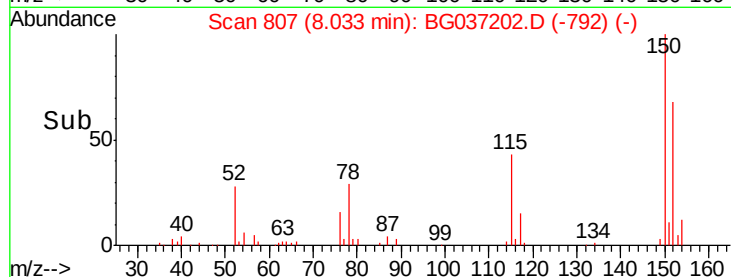
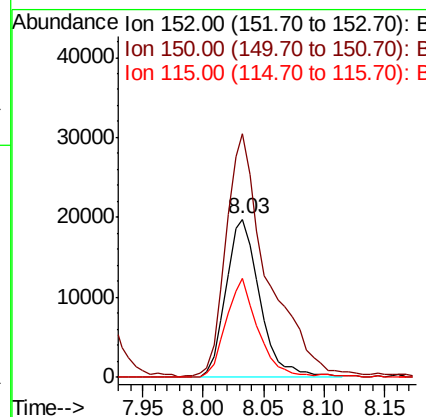
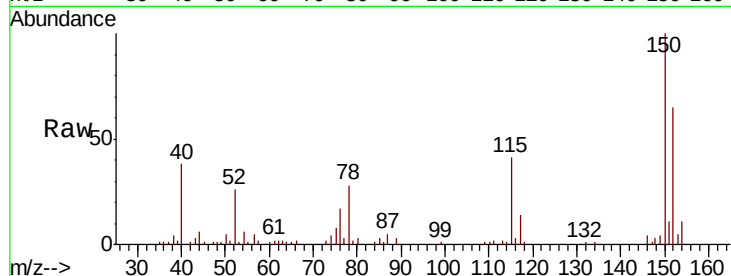
ClientSampleId :

OK-01-100318MSD

Tot Ion:	152	Resp:	38416
Ion Ratio	Lower	Upper	
152	100		
150	154.1	119.5	179.3
115	62.6	44.5	66.7

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#2

1,4-Dioxane

Concen: 46.168 ng

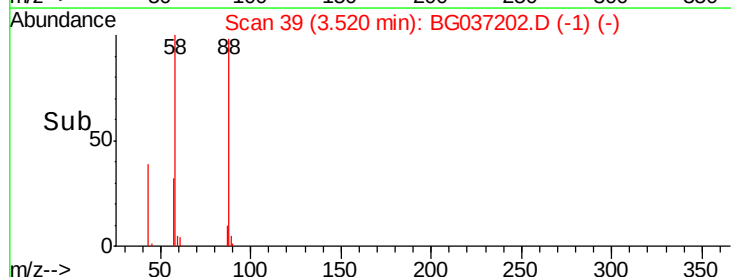
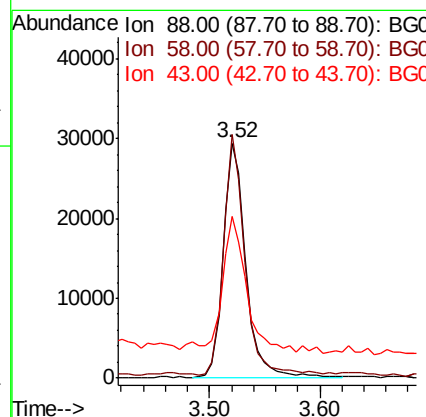
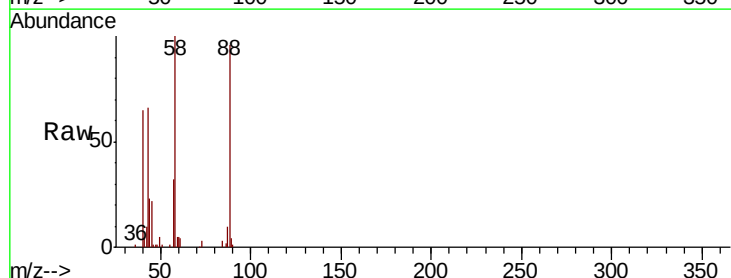
RT: 3.52 min Scan# 39

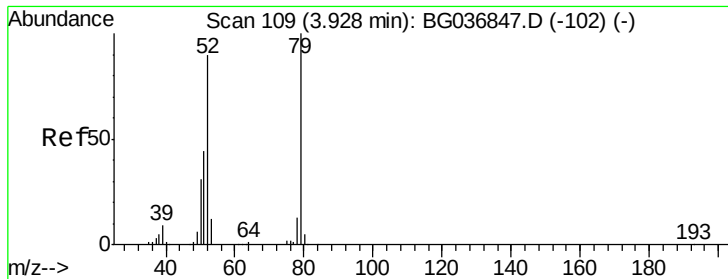
Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	88	Resp:	42318
Ion Ratio	Lower	Upper	
88	100		
58	96.3	72.6	109.0
43	58.3	29.0	43.4#





#3

Pvridine

Concen: 40.693 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

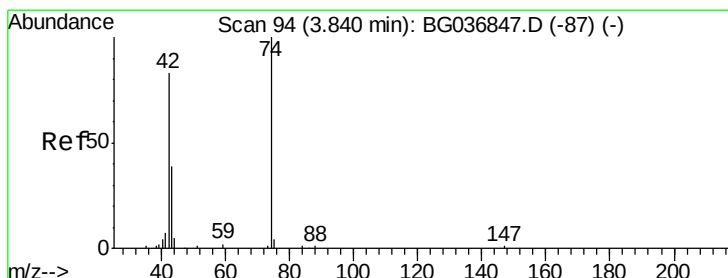
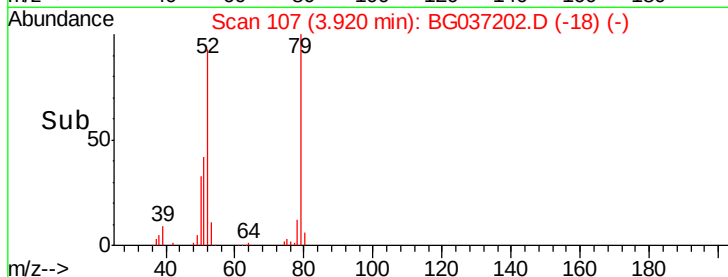
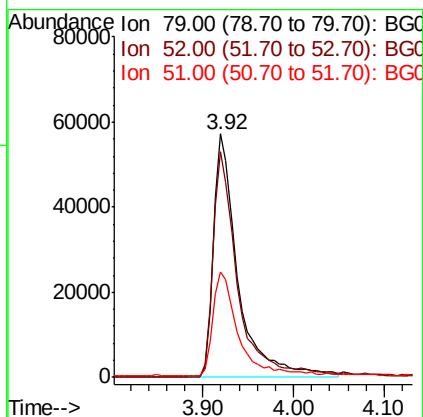
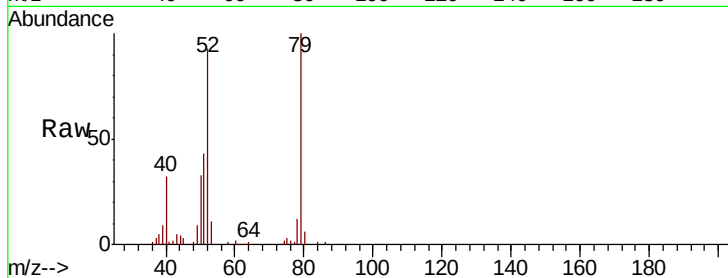
ClientSampleId :

OK-01-100318MSD

Tot Ion:	79	Resp:	107698
Ion	Ratio	Lower	Upper
79	100		
52	92.7	72.3	108.5
51	43.4	33.8	50.6

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#4

n-Nitrosodimethylamine

Concen: 54.922 ng

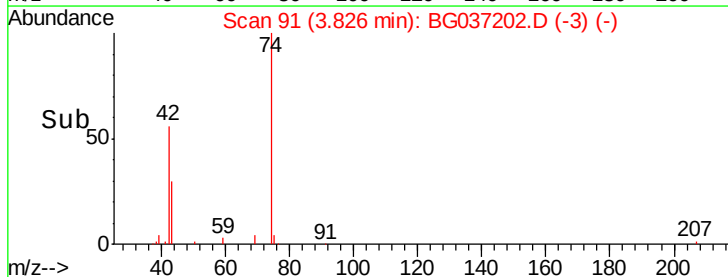
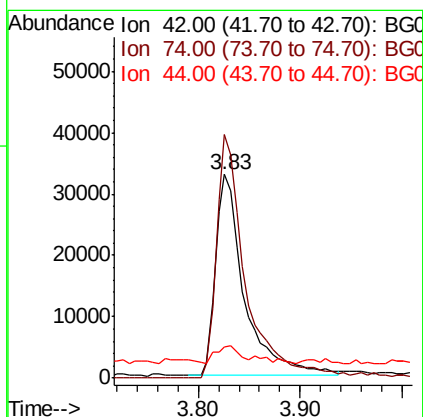
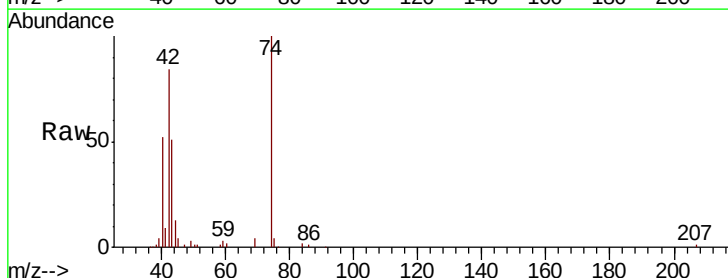
RT: 3.83 min Scan# 91

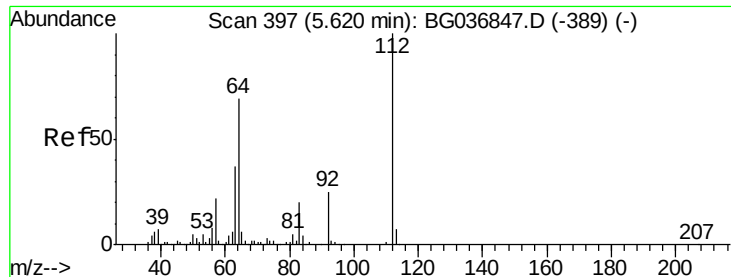
Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	42	Resp:	64605
Ion	Ratio	Lower	Upper
42	100		
74	119.5	96.6	145.0
44	15.0	7.0	10.4#





#5

2-Fluorophenol

Concen: 132.099 ng

RT: 5.61 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

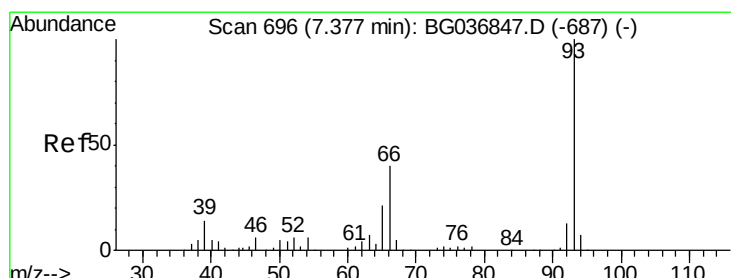
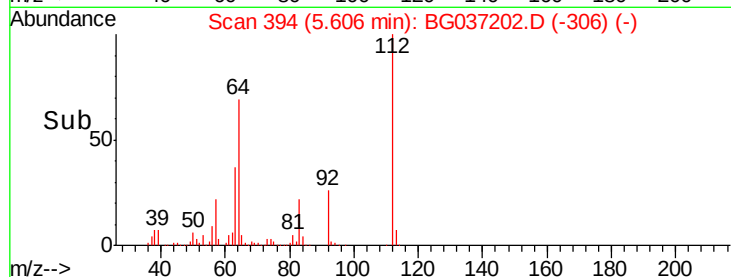
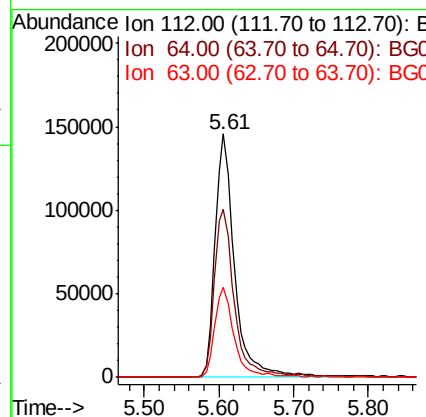
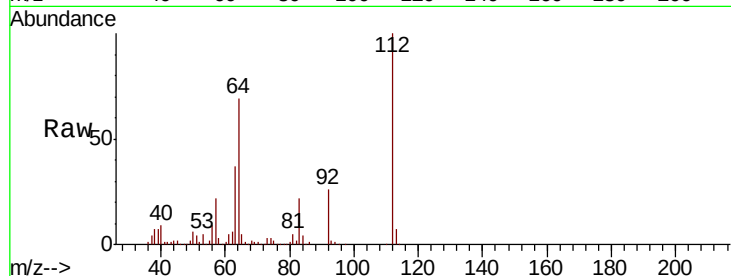
ClientSampleId :

OK-01-100318MSD

Tot Ion:	112	Resp:	264614
Ion Ratio	Lower	Upper	
112	100		
64	69.2	57.2	85.8
63	37.0	30.8	46.2

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#6

Aniline

Concen: 15.227 ng

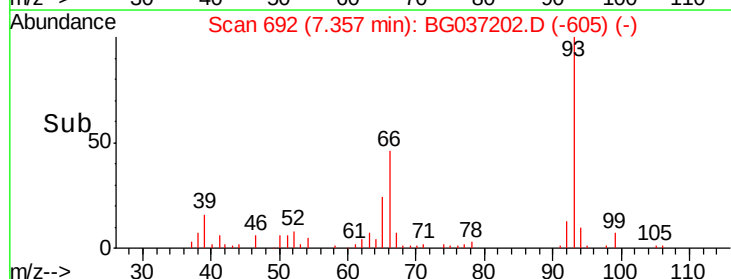
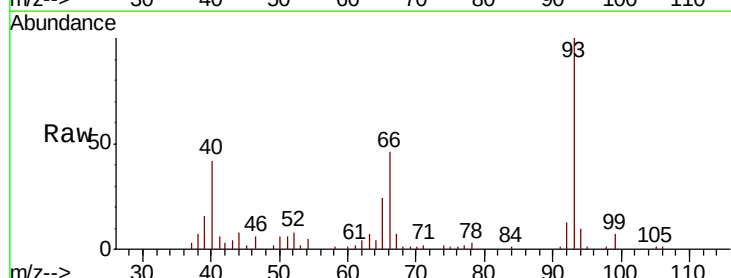
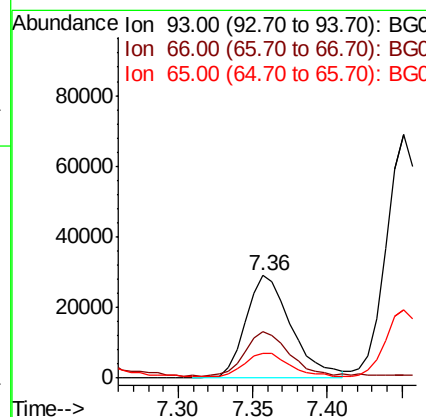
RT: 7.36 min Scan# 692

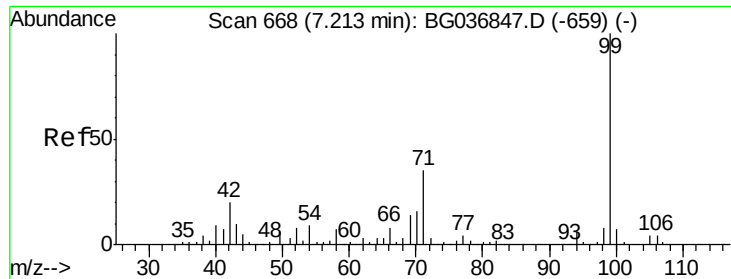
Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	93	Resp:	61234
Ion Ratio	Lower	Upper	
93	100		
66	45.5	35.0	52.4
65	24.1	17.6	26.4





#7

Phenol-d6

Concen: 116.514 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

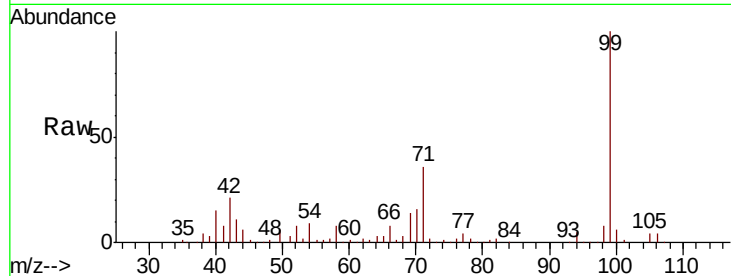
ClientSampleId :

OK-01-100318MSD

Tot Ion:	99	Resp:	361100
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	35.8	29.4	44.2

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM

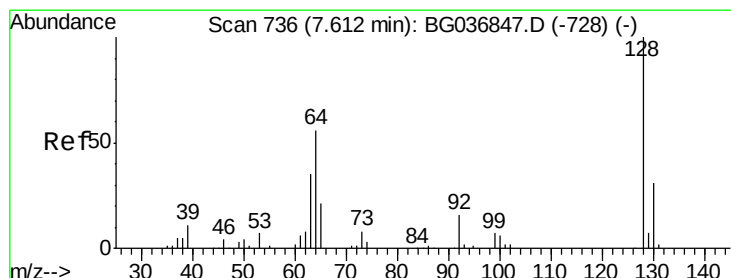
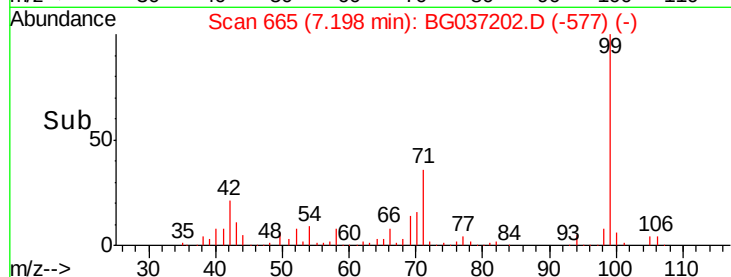
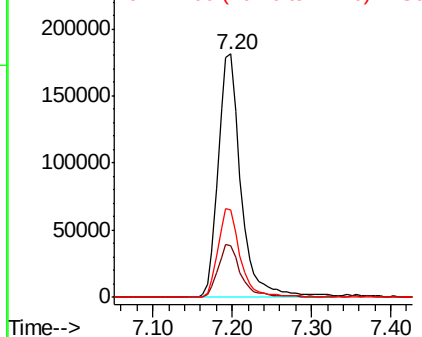


Abundance

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: 54.913 ng

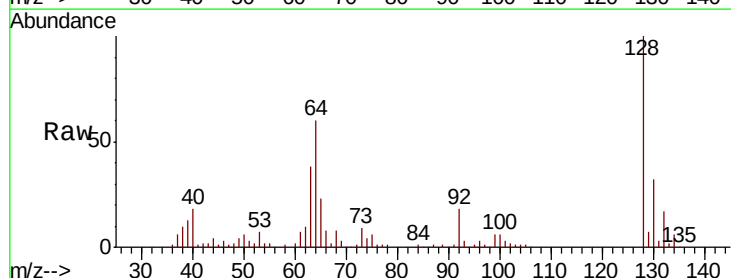
RT: 7.60 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	128	Resp:	127723
Ion	Ratio	Lower	Upper
128	100		
130	32.3	10.0	50.0
64	59.7	36.0	76.0

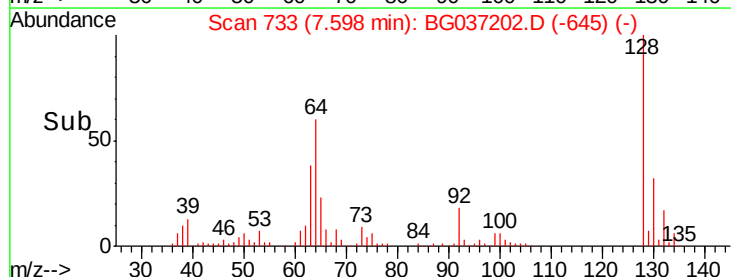
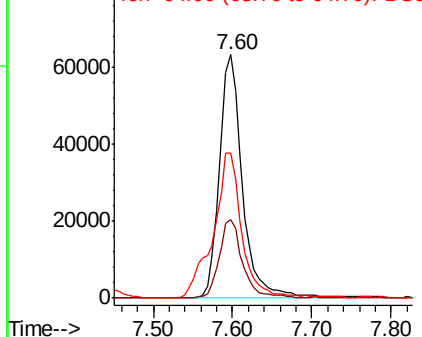


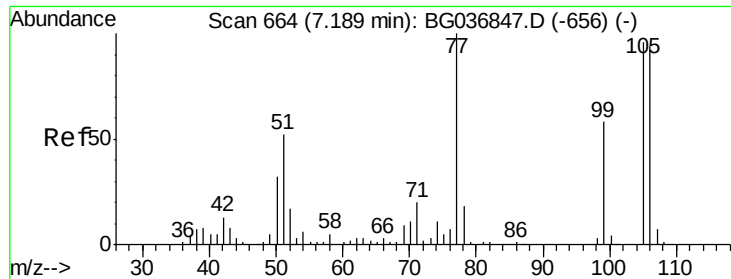
Abundance

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: 41.456 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

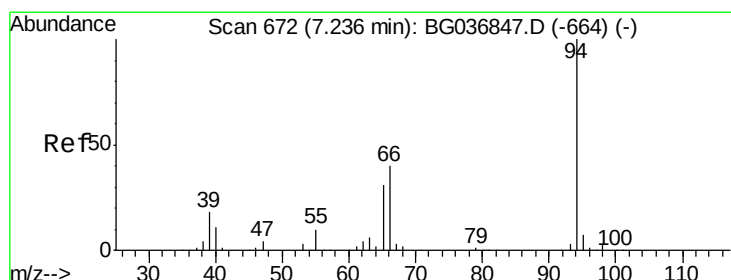
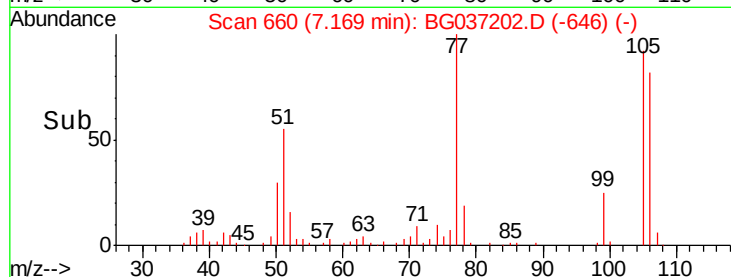
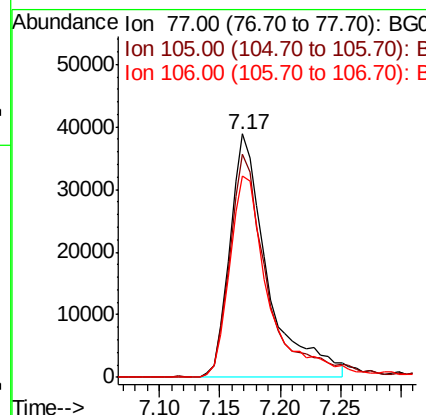
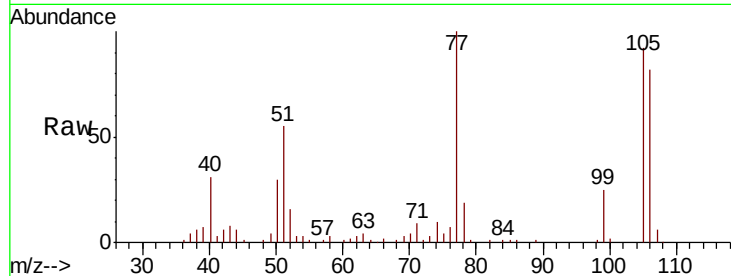
ClientSampleId :

OK-01-100318MSD

Tot Ion:	77	Resp:	84898
Ion	Ratio	Lower	Upper
77	100		
105	91.8	70.5	110.5
106	82.5	69.8	109.8

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#10

Phenol

Concen: 49.817 ng

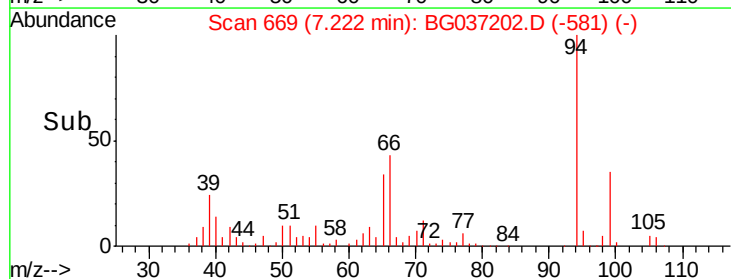
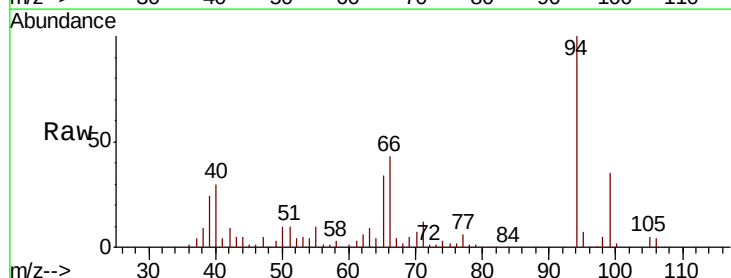
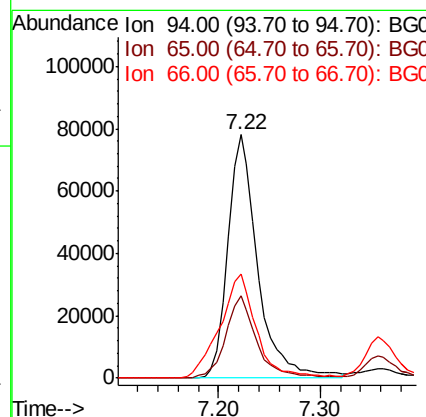
RT: 7.22 min Scan# 669

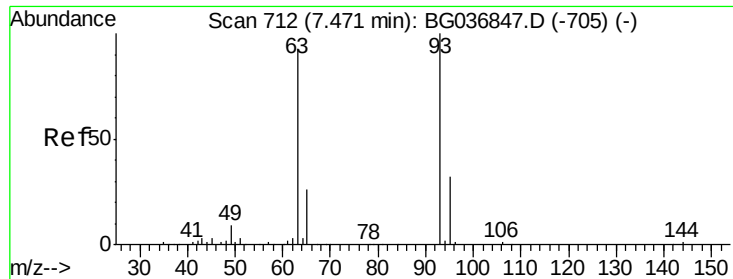
Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	94	Resp:	159342
Ion	Ratio	Lower	Upper
94	100		
65	33.7	11.5	51.5
66	42.6	19.5	59.5





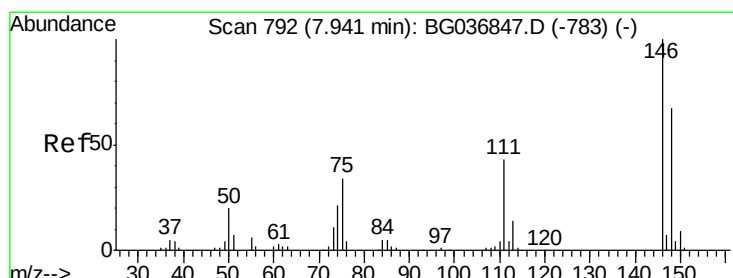
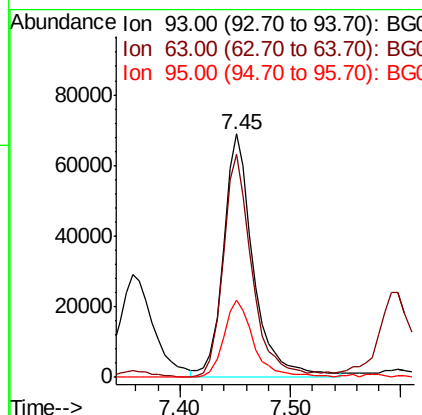
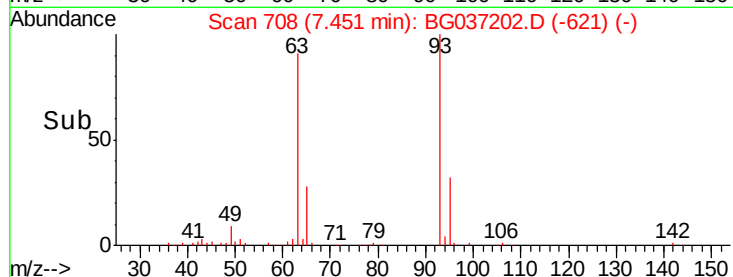
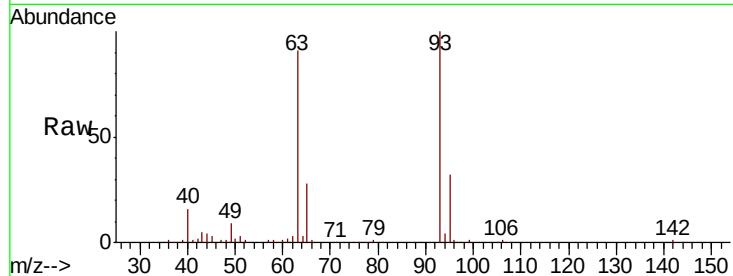
#11
bis(2-Chloroethyl)ether
Concen: 43.846 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion:	93	Resp:	129726
Ion	Ratio	Lower	Upper
93	100		
63	91.5	69.9	109.9
95	31.8	11.7	51.7

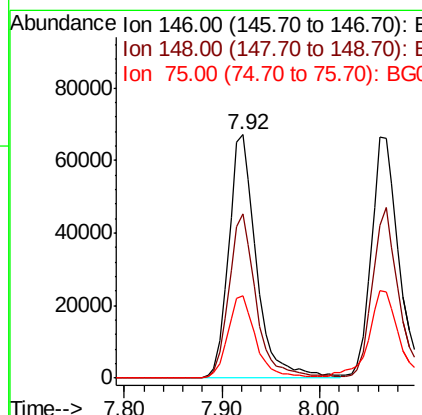
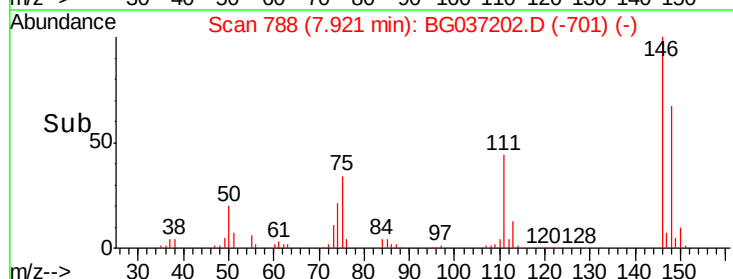
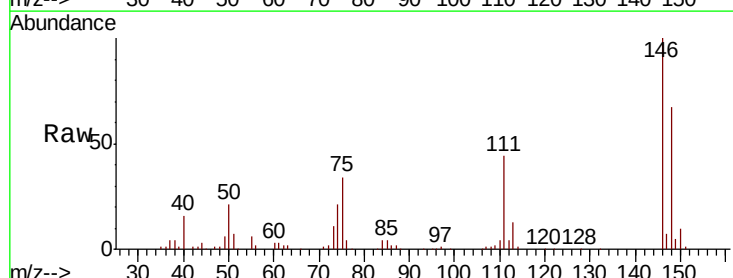
Manual Integrations
APPROVED

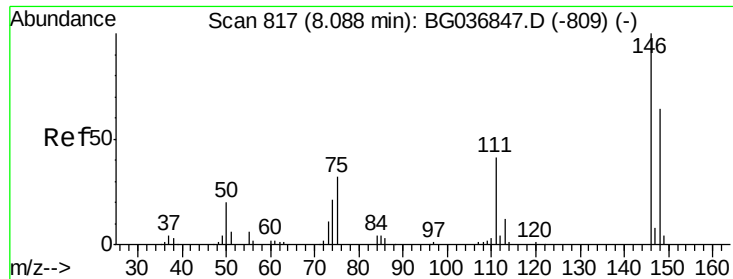
Sohil
10/8/2018 1:56:17 PM



#12
1,3-Dichlorobenzene
Concen: 46.288 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:	146	Resp:	131990
Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.8	80.6
75	33.8	27.2	40.8





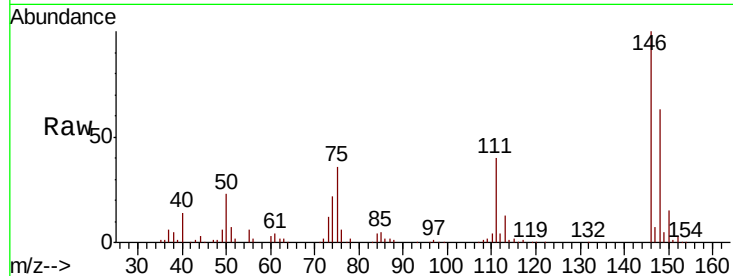
#13
1,4-Dichlorobenzene
Concen: 44.555 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.9	80.9
111	39.9	33.8	50.6

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM

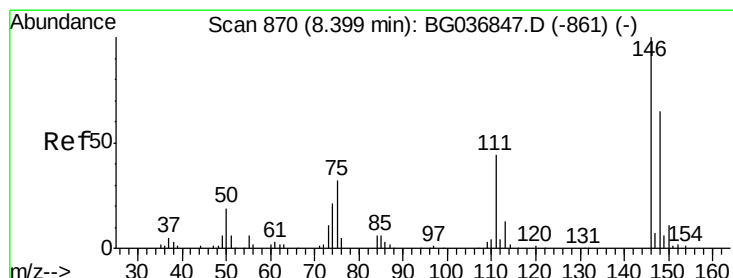
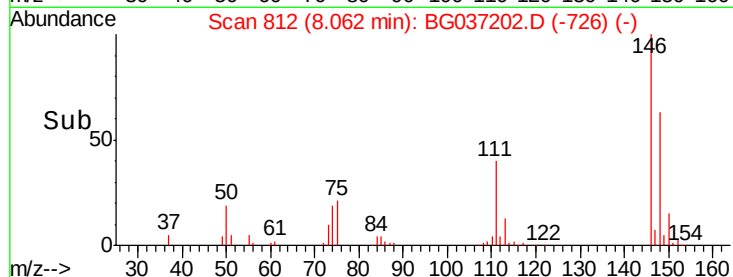
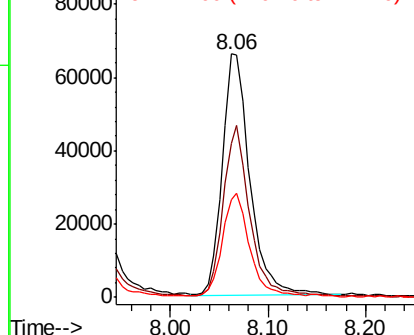


Abundance

Ion 146.00 (145.70 to 146.70): E

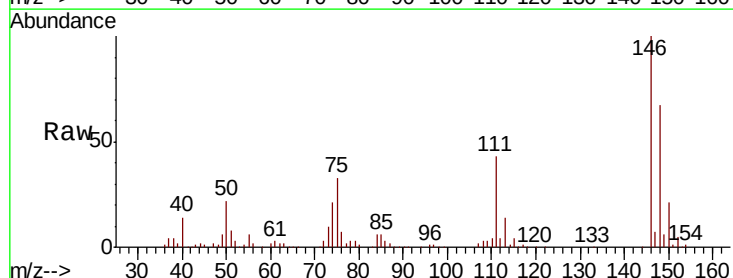
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 46.107 ng
RT: 8.39 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	55.0	82.6
111	43.2	34.6	51.8

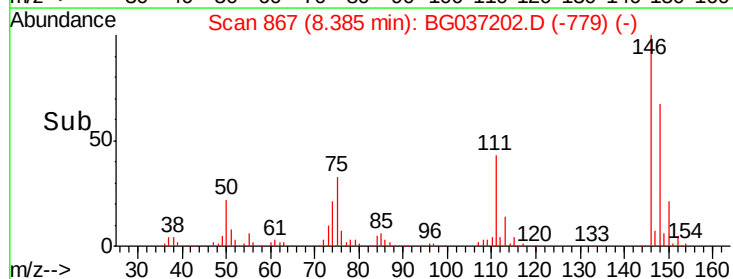
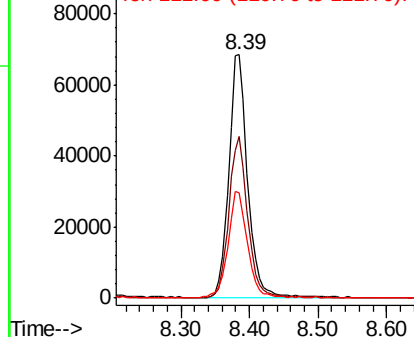


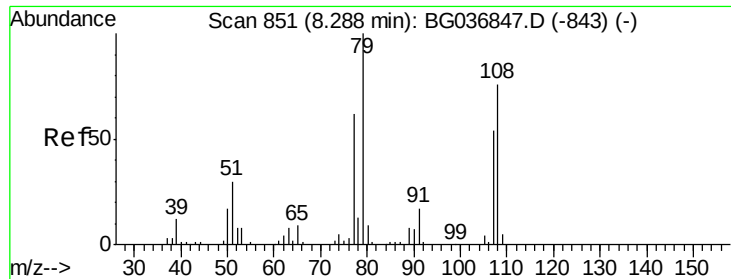
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





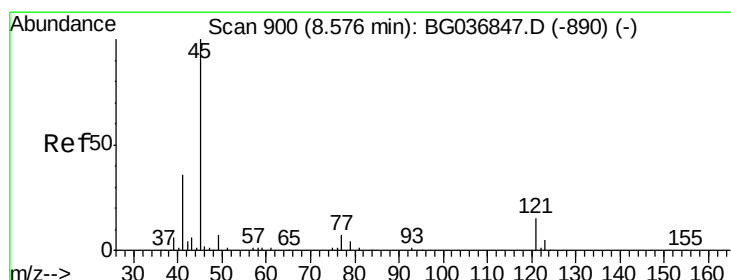
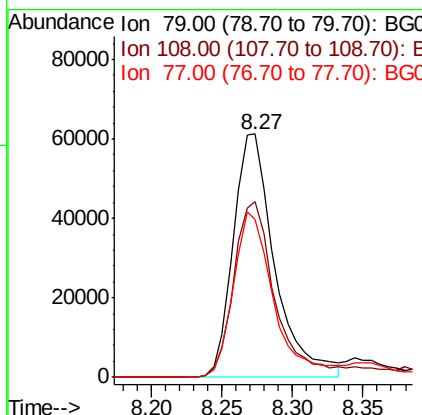
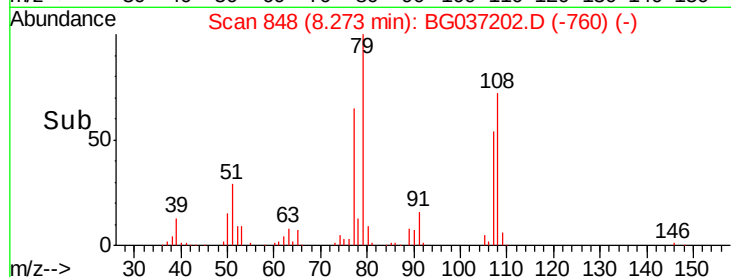
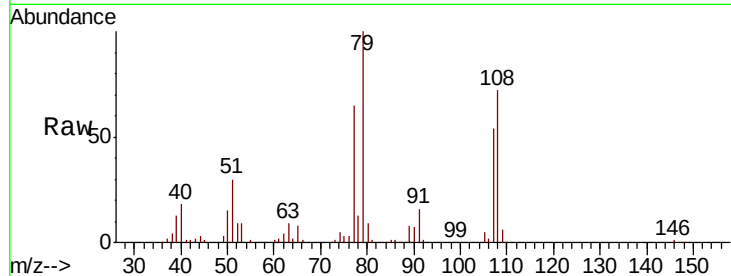
#15
Benzyl Alcohol
Concen: 50.049 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.1	55.9	83.9
77	64.7	50.0	75.0

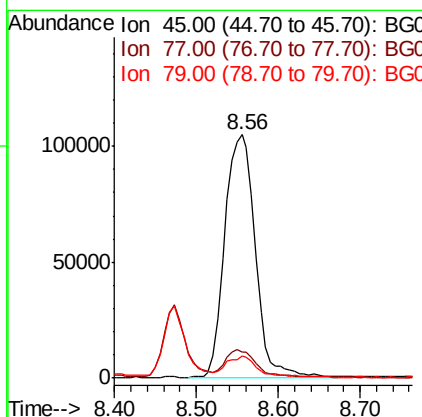
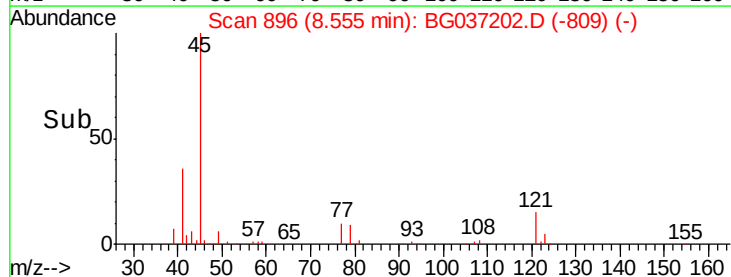
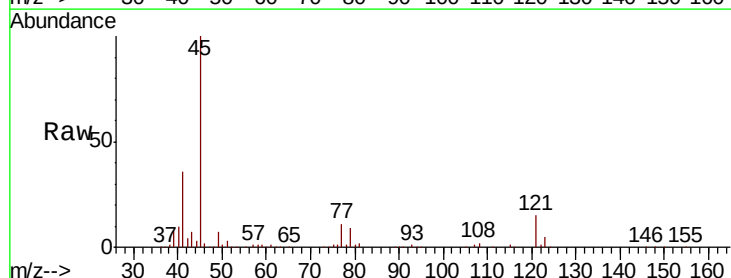
Manual Integrations
APPROVED

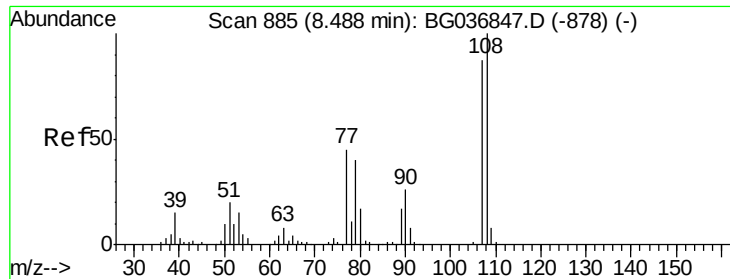
Sohil
10/8/2018 1:56:17 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.512 ng
RT: 8.56 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.5
79	8.9	0.0	27.9





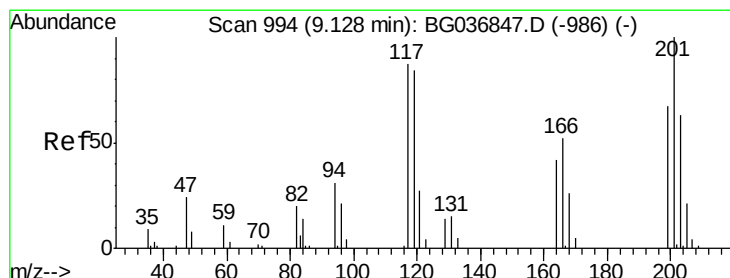
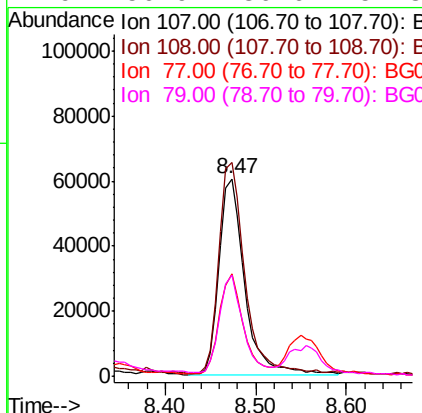
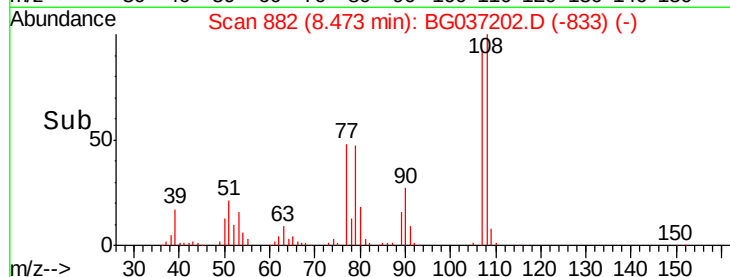
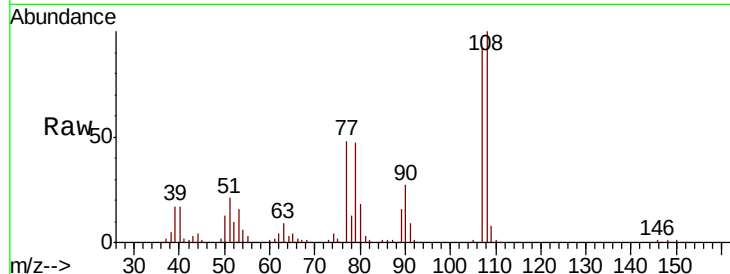
#17
2-Methylphenol
Concen: 53.068 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	86.7	130.1	
77	51.8	39.0	58.4	
79	50.9	36.6	54.8	

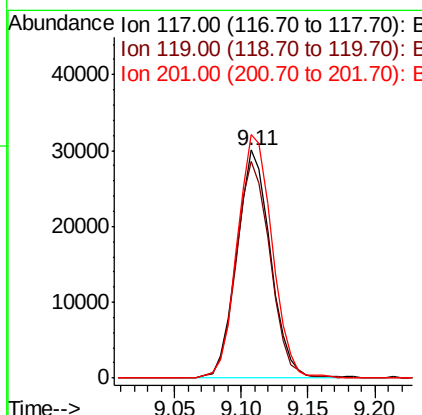
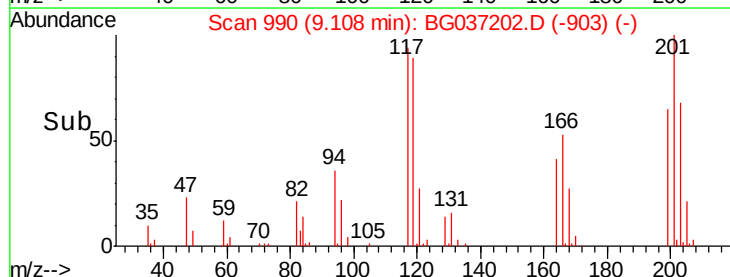
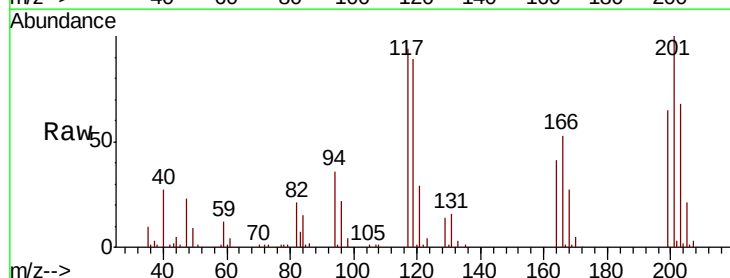
Manual Integrations
APPROVED

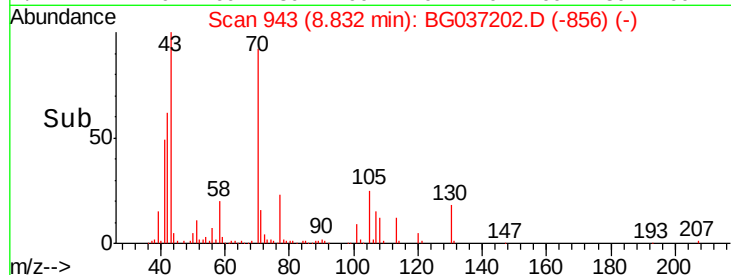
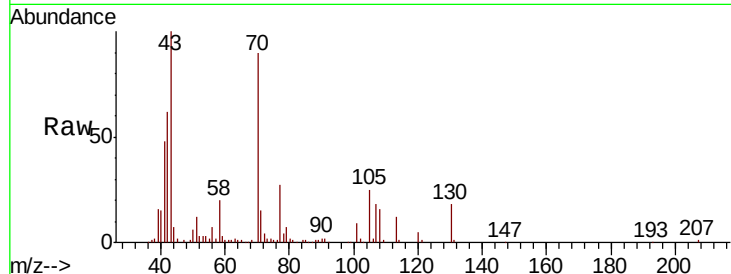
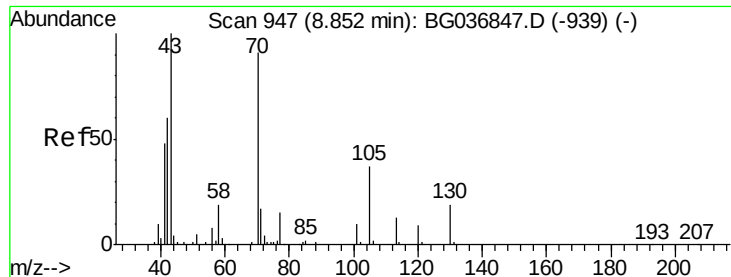
Sohil
10/8/2018 1:56:17 PM



#18
Hexachloroethane
Concen: 48.970 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.8	115.2	
201	106.8	85.7	128.5	





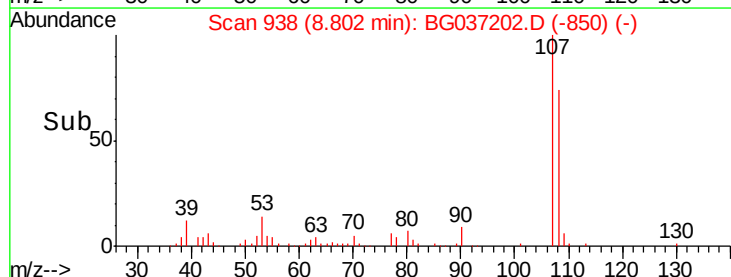
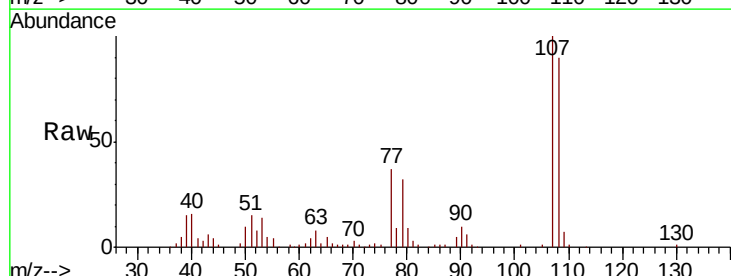
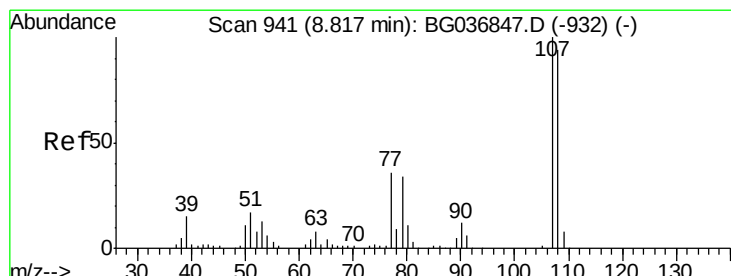
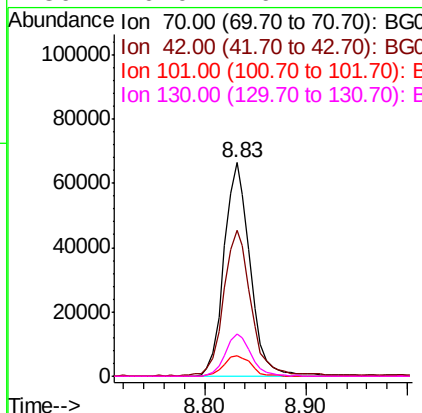
#19
n-Nitroso-di-n-propylamine
Concen: 45.912 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	56.2	84.4	
101	9.8	7.8	11.6	
130	20.0	16.2	24.2	

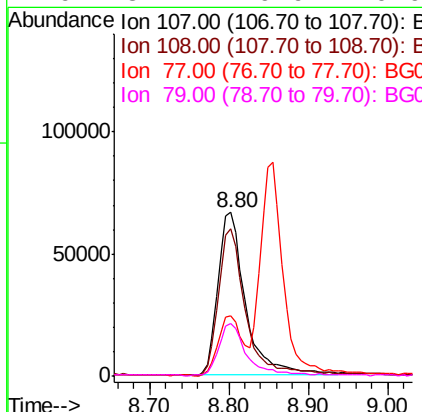
Manual Integrations
APPROVED

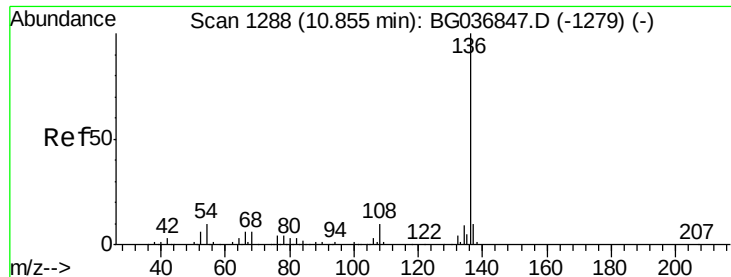
Sohil
10/8/2018 1:56:17 PM



#20
3+4-Methylphenols
Concen: 52.184 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	68.0	108.0	
77	36.6	15.6	55.6	
79	31.7	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

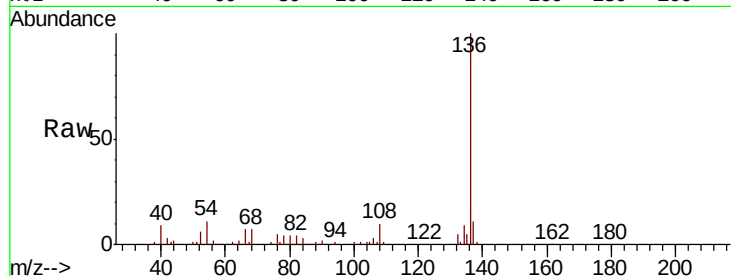
ClientSampleId :

OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	166636		
137	11.4		8.8	13.2
54	10.7		9.2	13.8
68	7.2		5.8	8.6

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



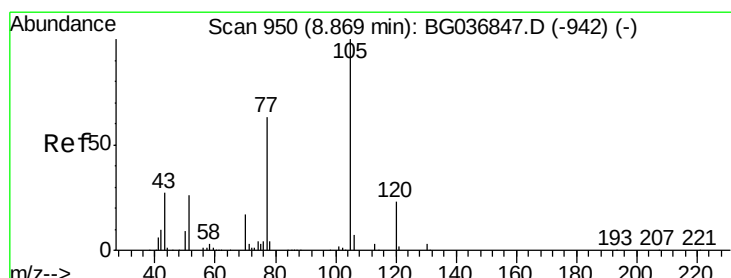
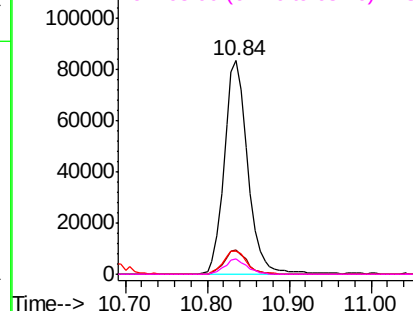
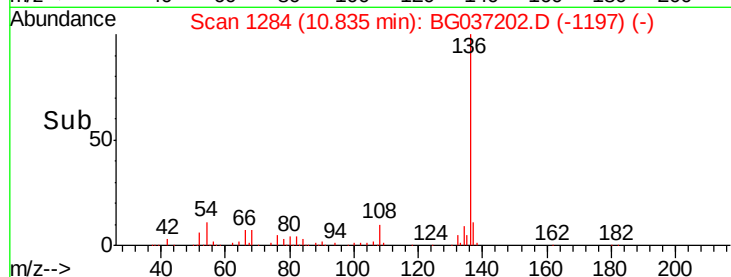
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 52.976 ng

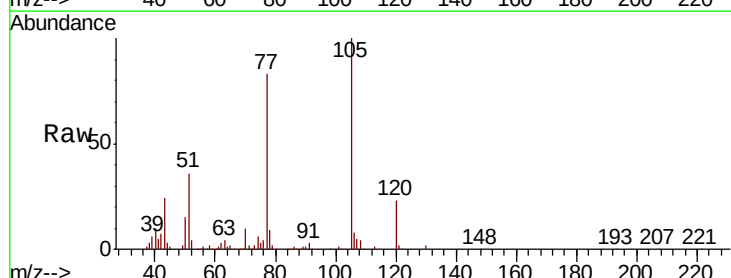
RT: 8.86 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207450		
71	1.6		2.4	3.6#
51	35.6		25.9	38.9
120	22.7		19.4	29.0



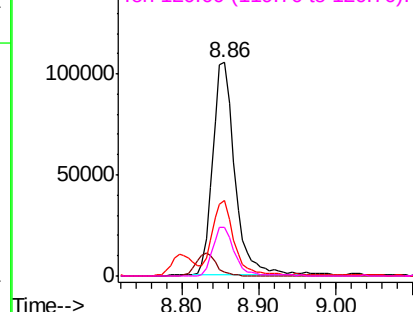
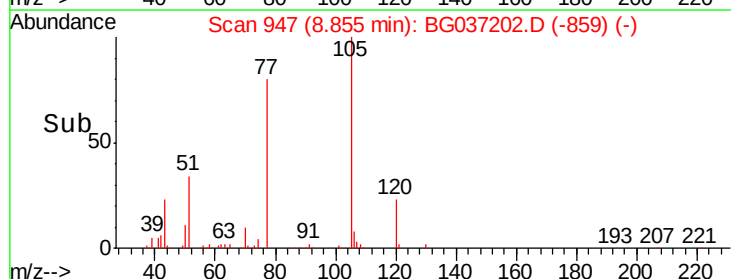
Abundance

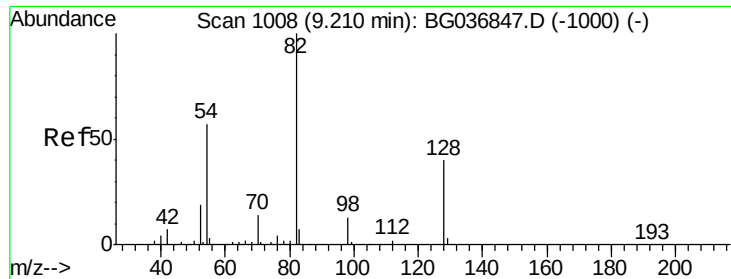
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





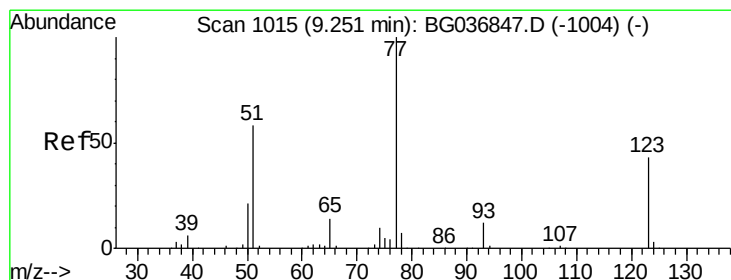
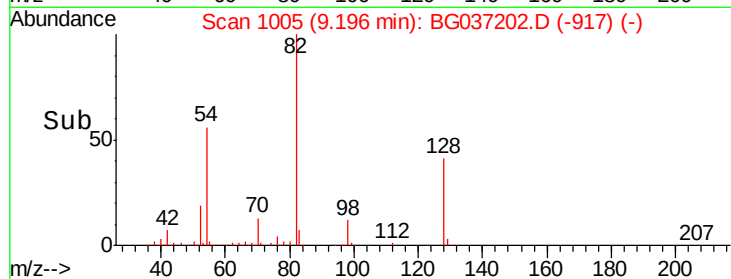
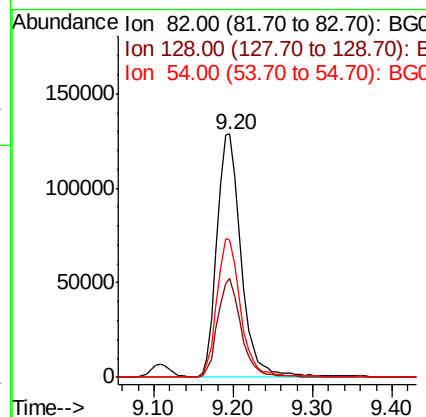
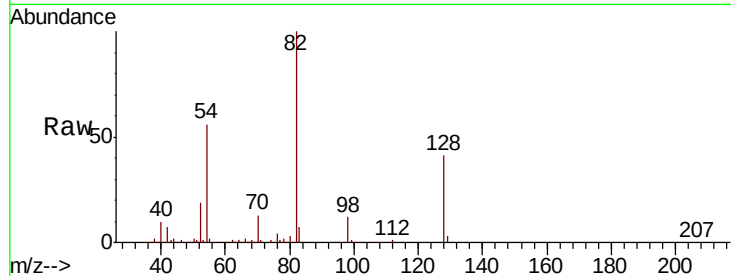
#23
Nitrobenzene-d5
Concen: 87.919 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	273581		
128	40.7	33.3	49.9	
54	56.3	45.1	67.7	

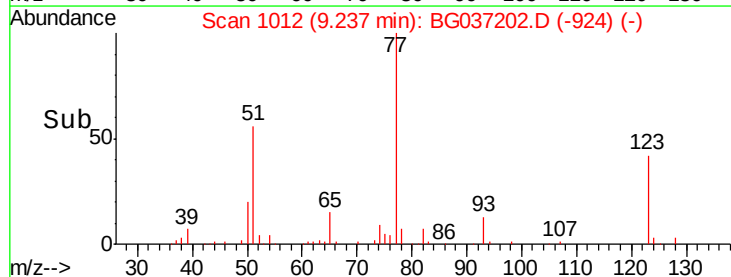
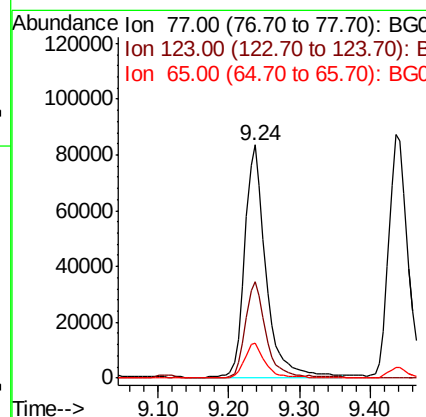
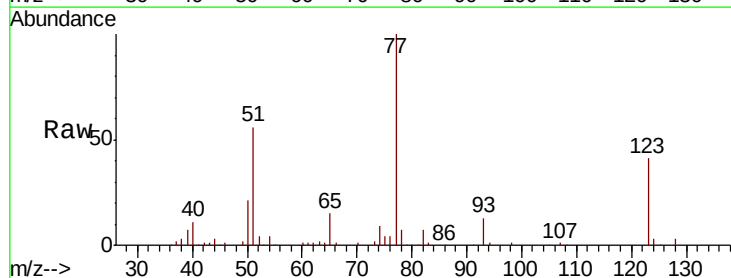
Manual Integrations
APPROVED

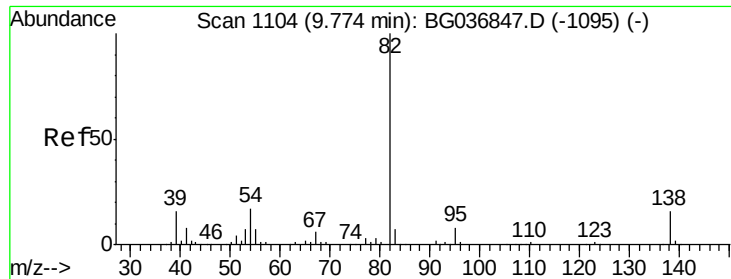
Sohil
10/8/2018 1:56:17 PM



#24
Nitrobenzene
Concen: 52.296 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	173781		
123	41.4	32.4	48.6	
65	15.0	11.5	17.3	





#25

Isophorone

Concen: 60.646 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

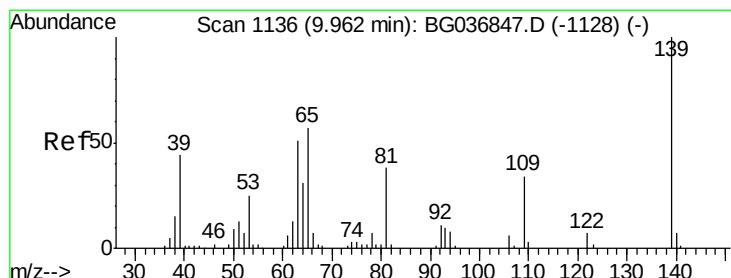
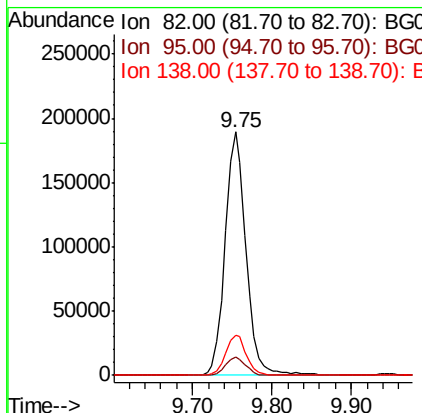
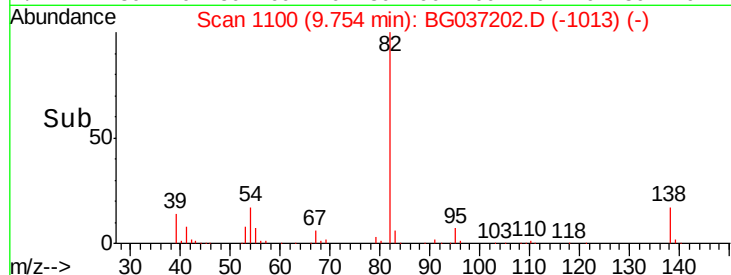
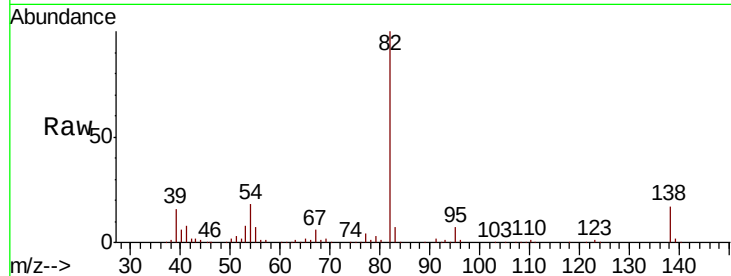
ClientSampleId :

OK-01-100318MSD

Tot Ion:	82	Resp:	344820
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.8
138	16.6	12.9	19.3

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#26

2-Nitrophenol

Concen: 56.822 ng

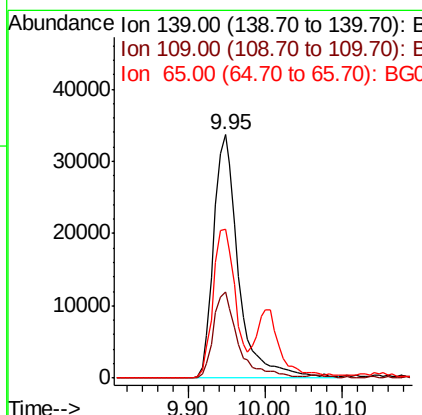
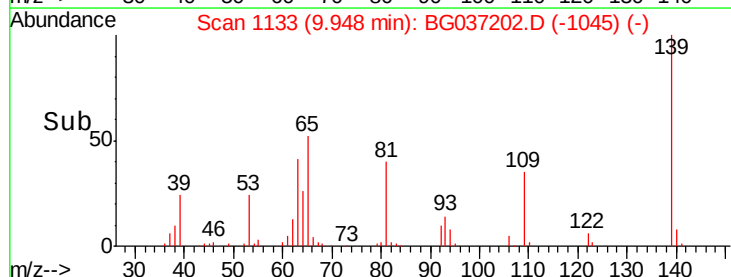
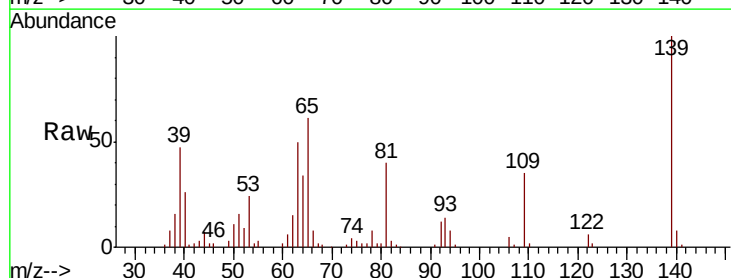
RT: 9.95 min Scan# 1133

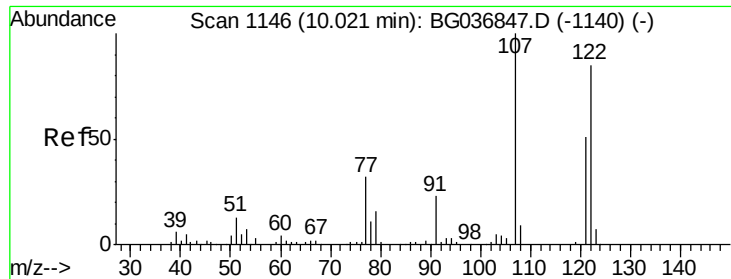
Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	139	Resp:	75263
Ion Ratio	Lower	Upper	
139	100		
109	35.4	27.4	41.0
65	61.2	47.8	71.6





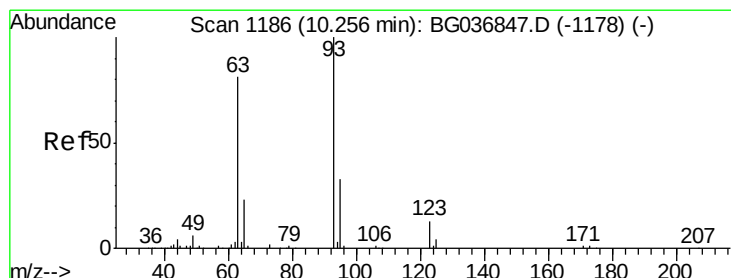
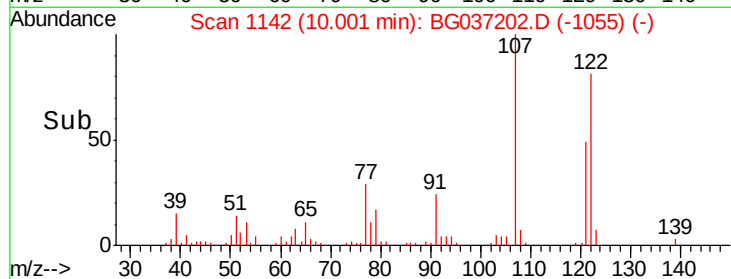
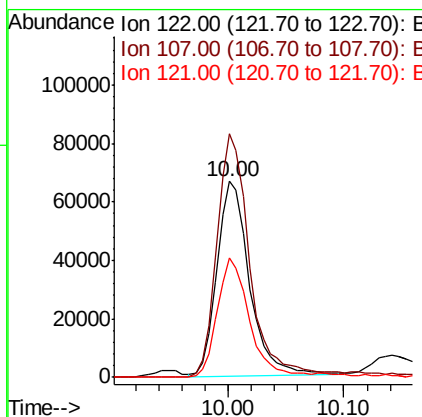
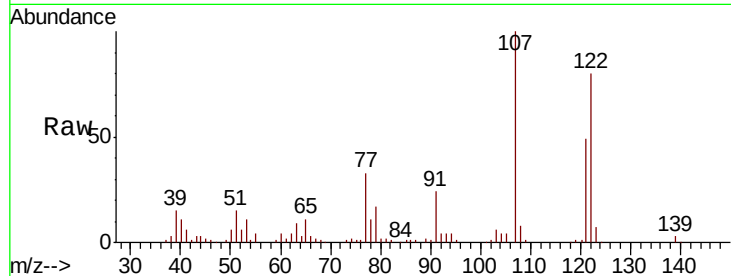
#27
2,4-Dimethylphenol
Concen: 63.026 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	96.0	144.0
121	60.7	48.2	72.4

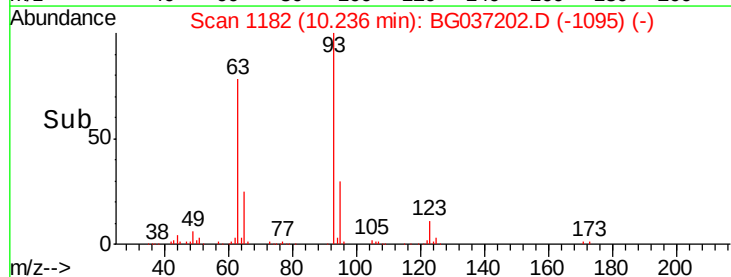
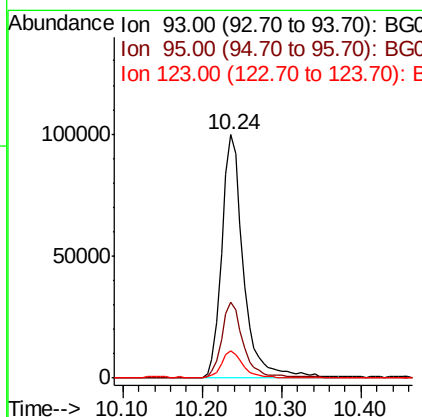
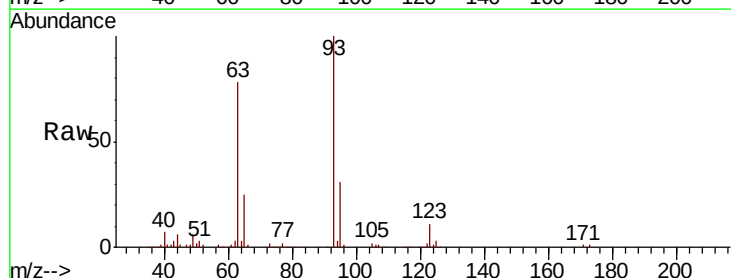
Manual Integrations
APPROVED

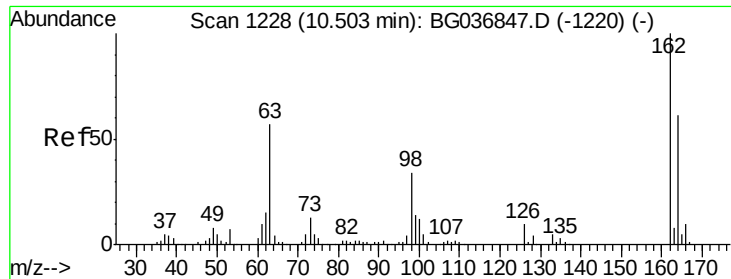
Sohil
10/8/2018 1:56:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 54.161 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.2	37.8
123	11.1	8.6	12.8





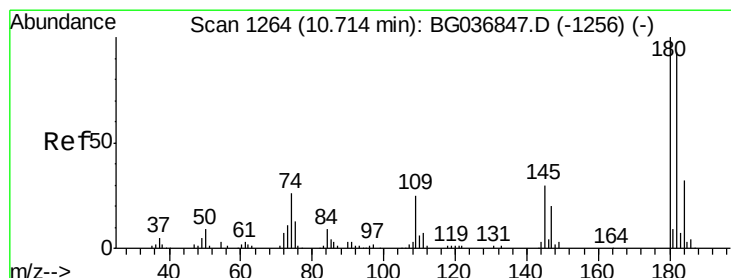
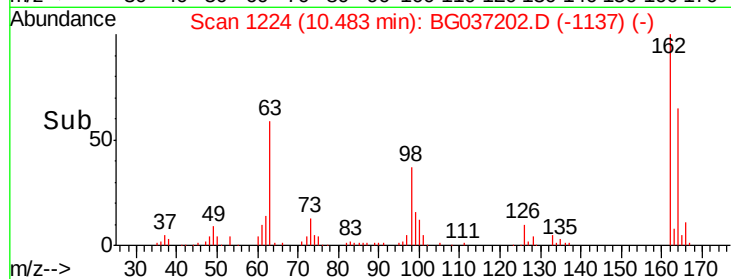
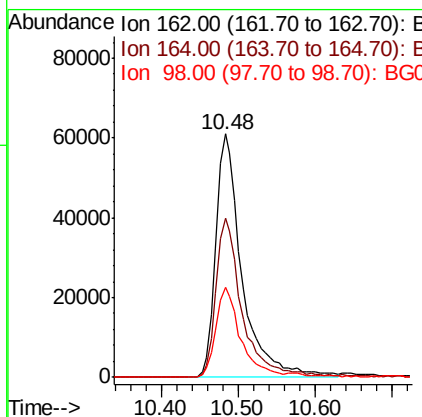
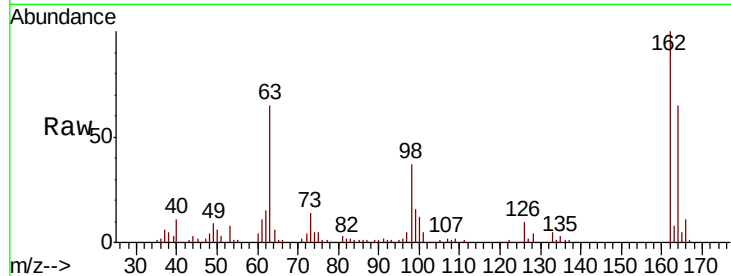
#29
2,4-Dichlorophenol
Concen: 59.849 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	143145		
164	65.1	47.6	87.6	
98	37.0	19.2	59.2	

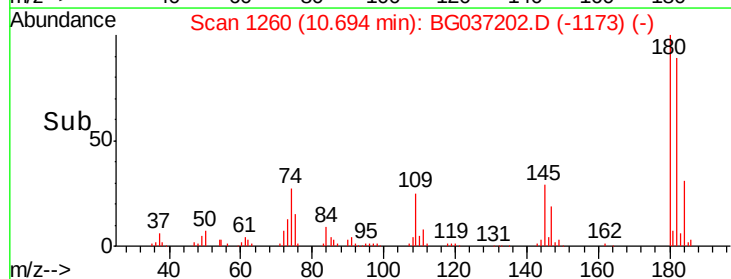
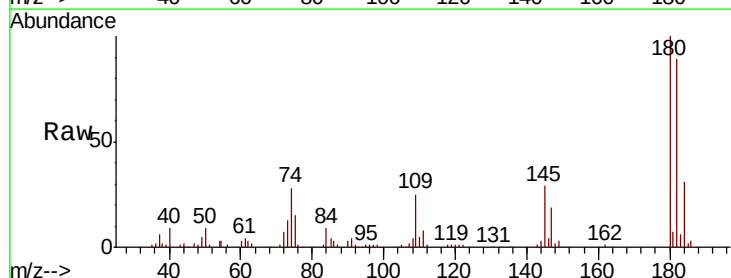
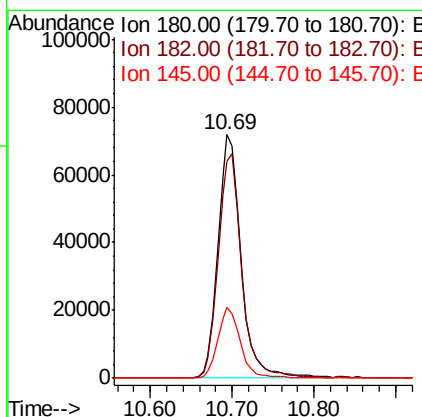
Manual Integrations
APPROVED

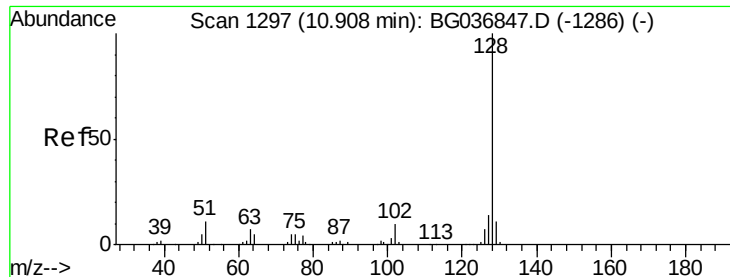
Sohil
10/8/2018 1:56:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.221 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141339		
182	89.2	76.0	114.0	
145	29.0	22.9	34.3	





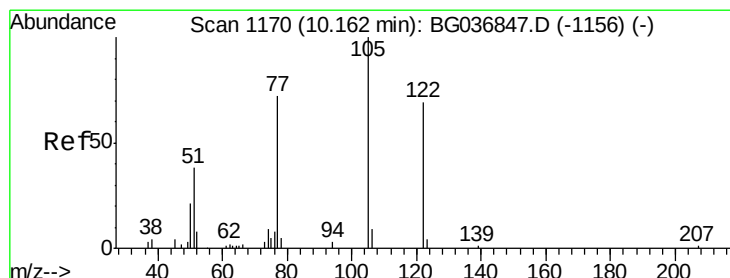
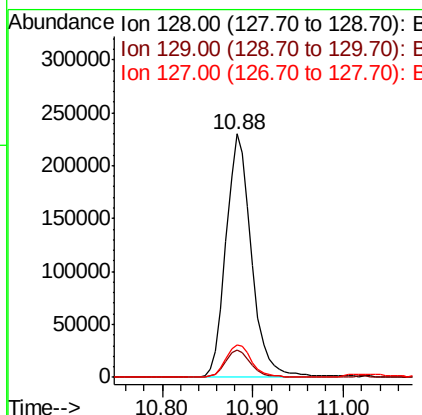
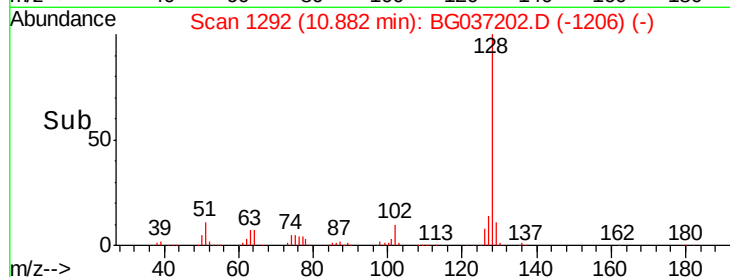
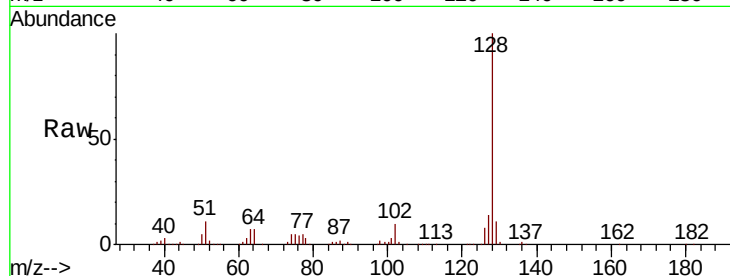
#31
Naphthalene
Concen: 56.847 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.5	11.0	16.4

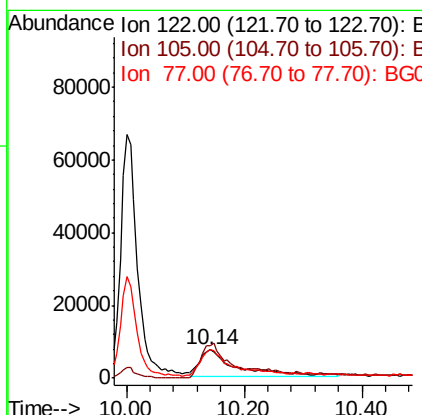
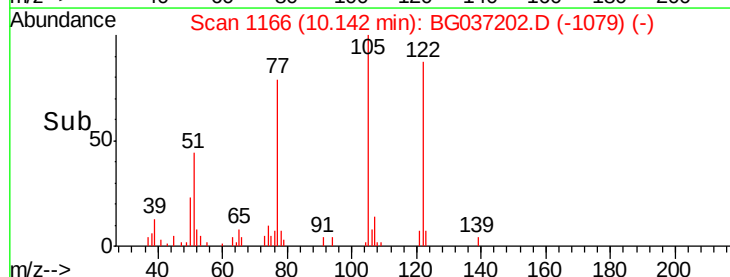
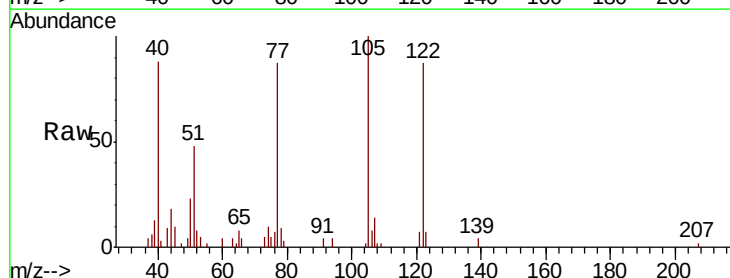
Manual Integrations
APPROVED

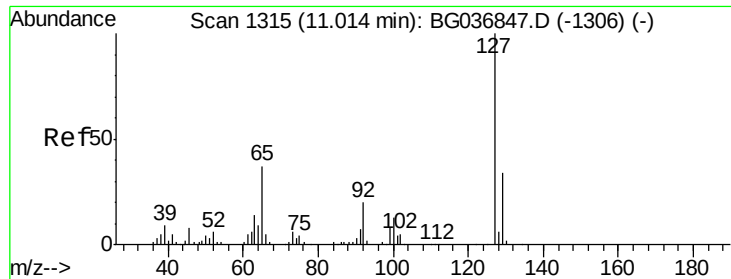
Sohil
10/8/2018 1:56:17 PM



#32
Benzoic acid
Concen: 22.990 ng m
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	108.1	148.1
77	99.1	76.3	116.3





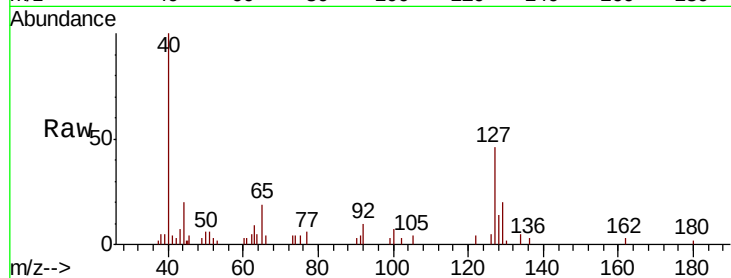
#33
4-Chloroaniline
Concen: 2.799 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	44.2	25.9	38.9#
65	41.1	27.5	41.3
92	22.3	16.2	24.2

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



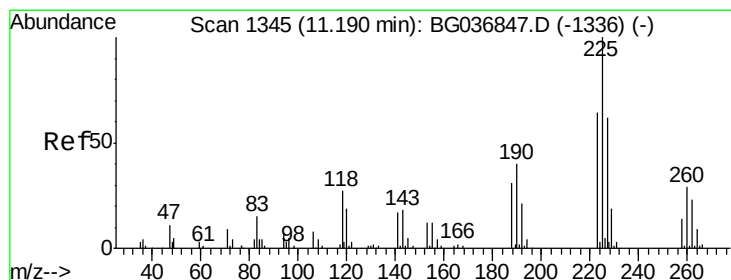
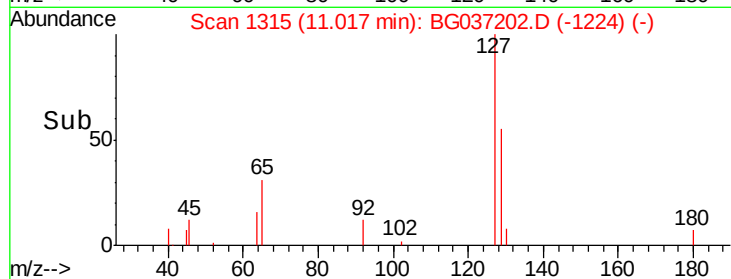
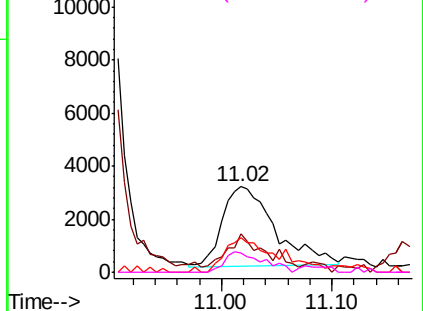
Abundance

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: 45.389 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

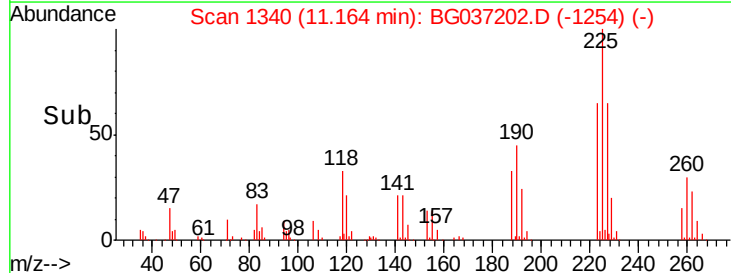
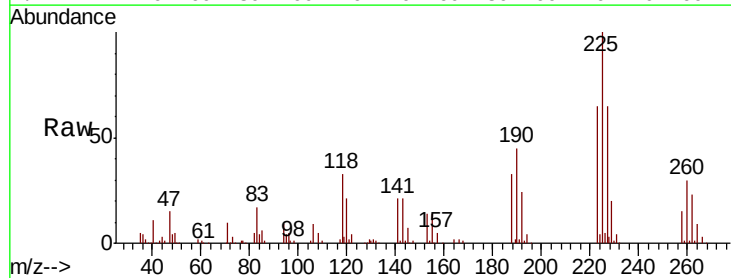
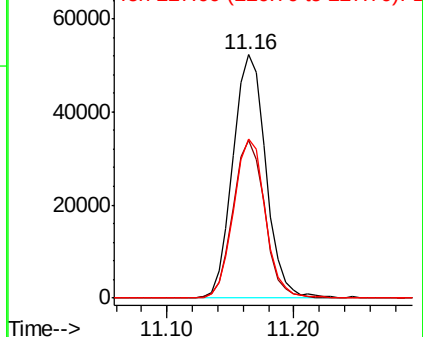
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.8	77.8
227	65.1	49.8	74.6

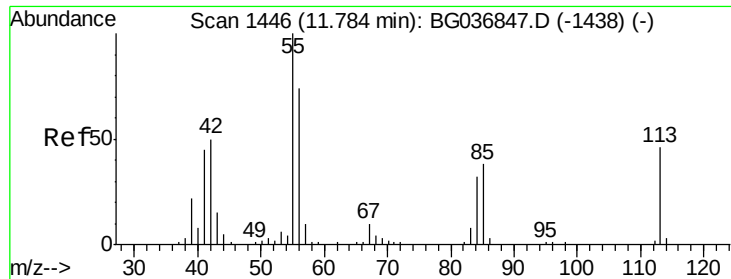
Abundance

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





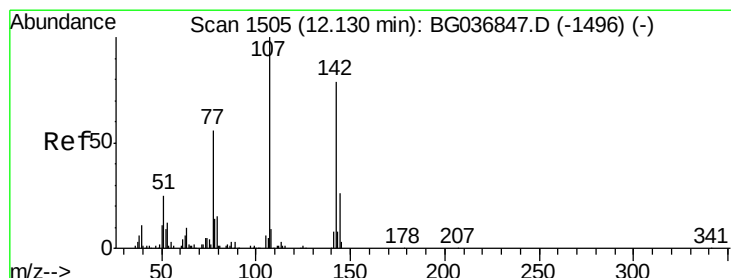
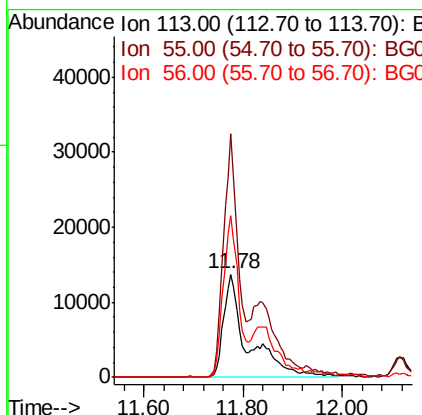
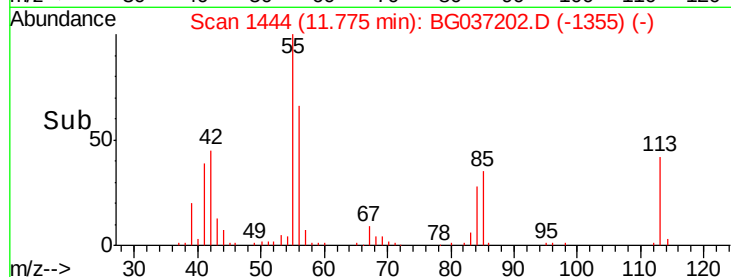
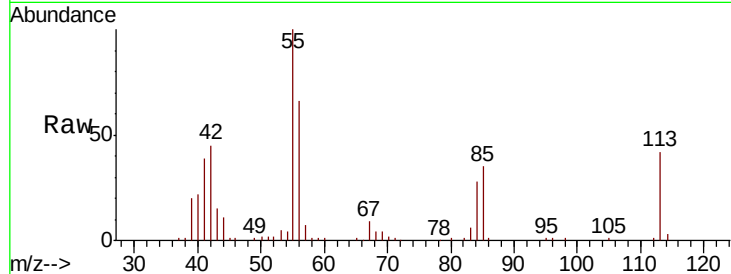
#35
 Caprolactam
 Concen: 47.298 ng/ml
 RT: 11.78 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	236.7	197.7	237.7	
56	157.1	131.7	171.7	

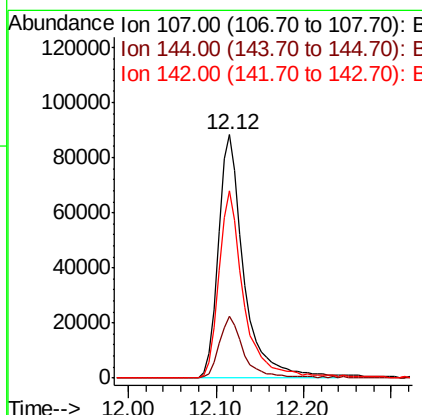
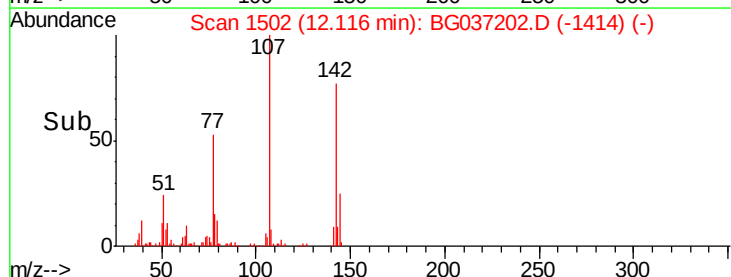
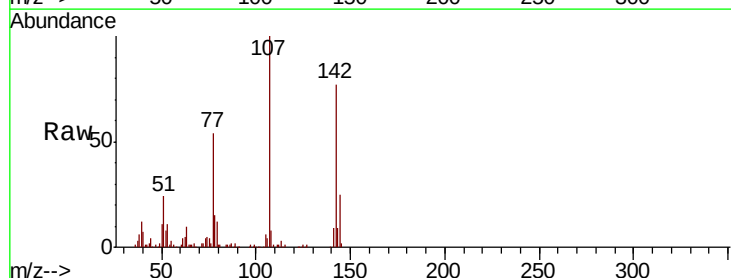
Manual Integrations
 APPROVED

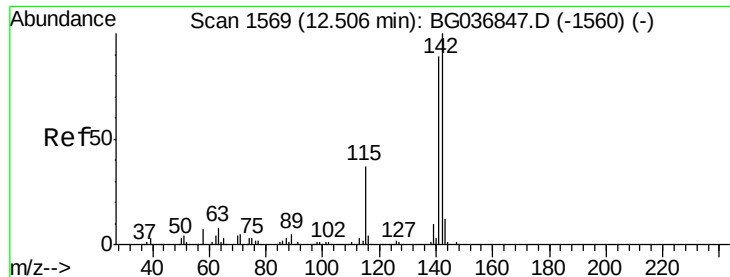
Sohil
 10/8/2018 1:56:17 PM



#36
 4-Chloro-3-methylphenol
 Concen: 62.283 ng/ml
 RT: 12.12 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	19.5	29.3	
142	76.8	62.4	93.6	





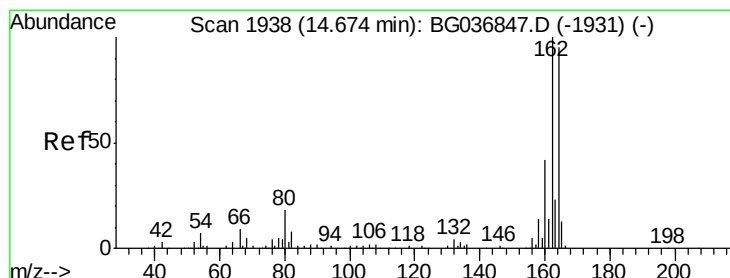
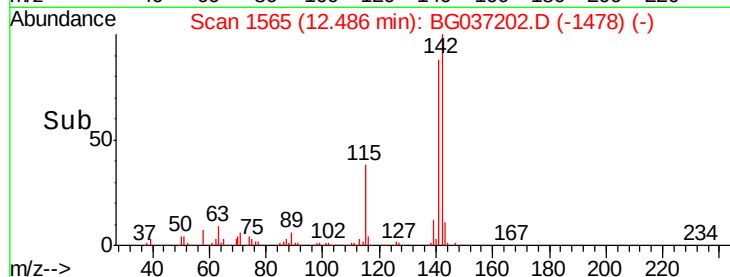
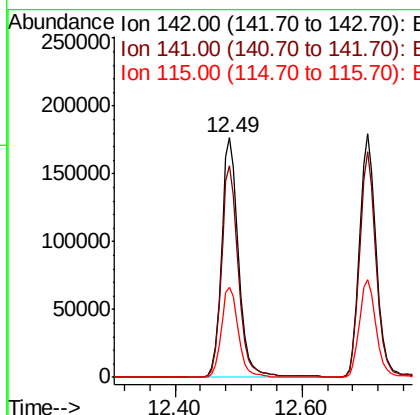
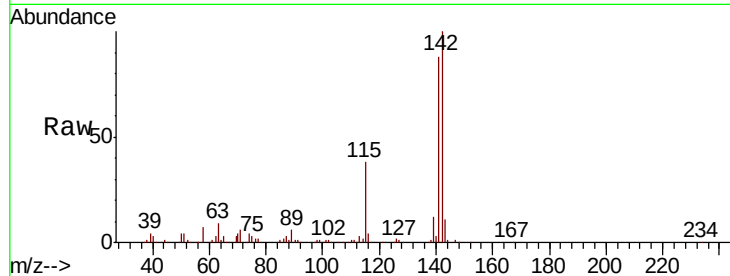
#37
2-Methylnaphthalene
Concen: 55.380 ng
RT: 12.49 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.5	102.7
115	37.7	29.8	44.8

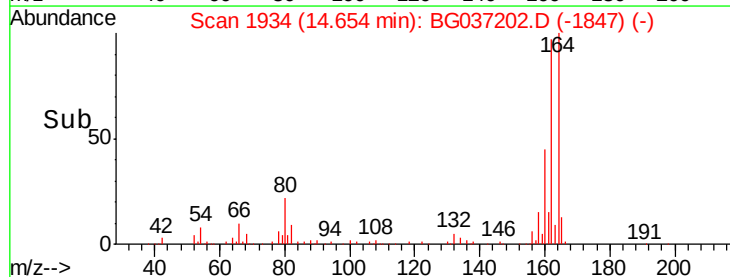
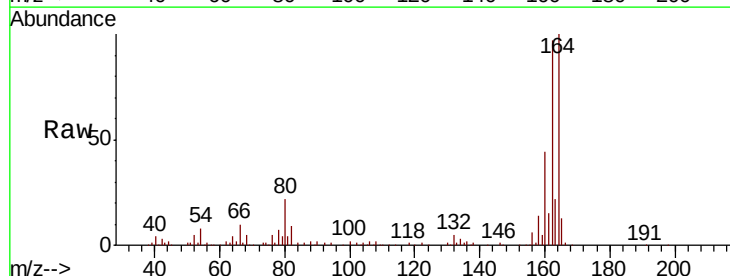
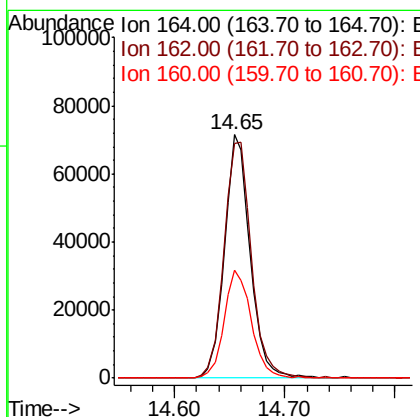
Manual Integrations
APPROVED

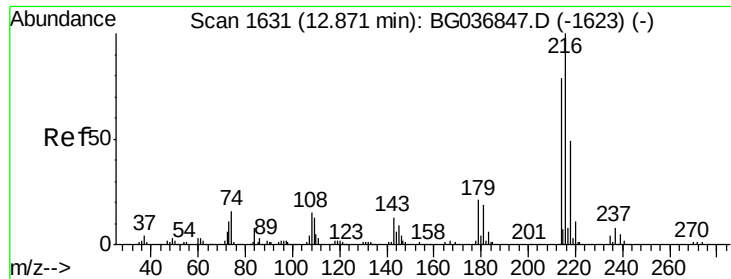
Sohil
10/8/2018 1:56:17 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	80.7	121.1
160	44.3	35.3	52.9





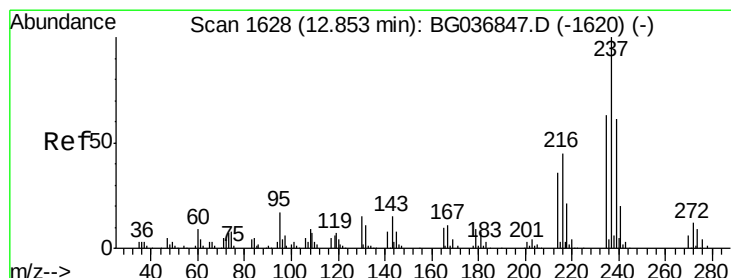
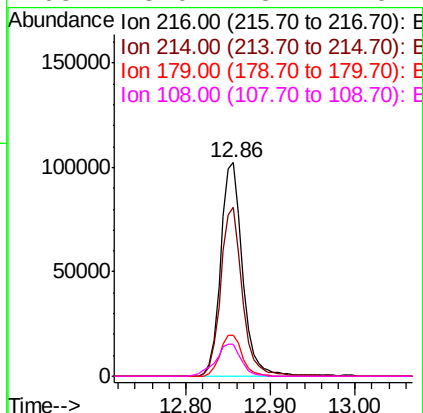
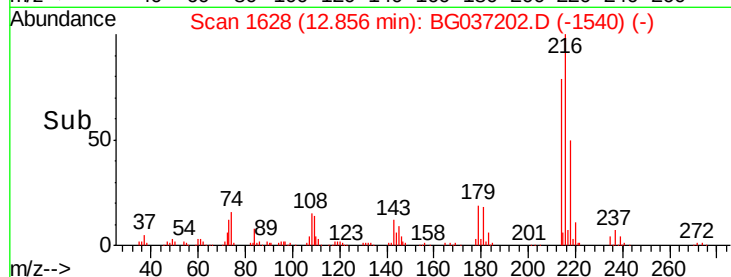
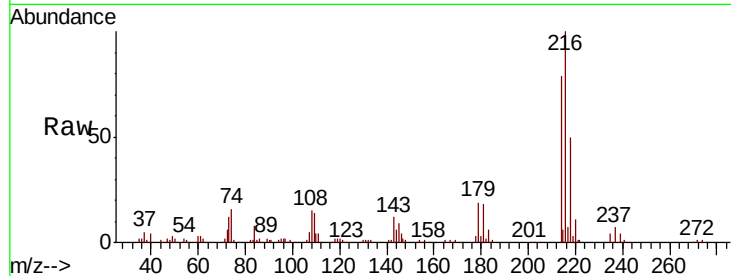
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.696 ng
 RT: 12.86 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.0	91.6
179	19.6	15.7	23.5
108	18.0	13.1	19.7

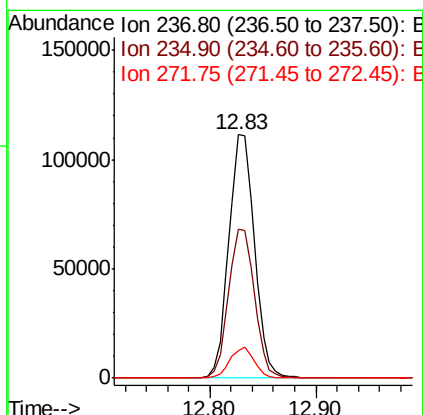
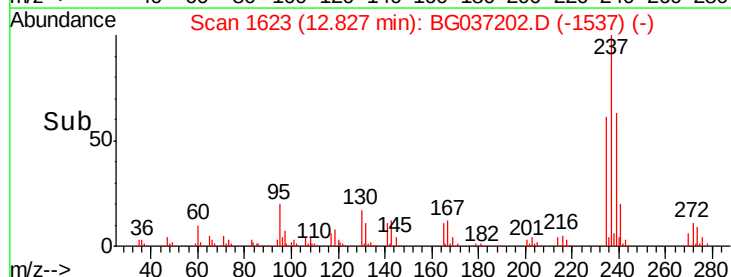
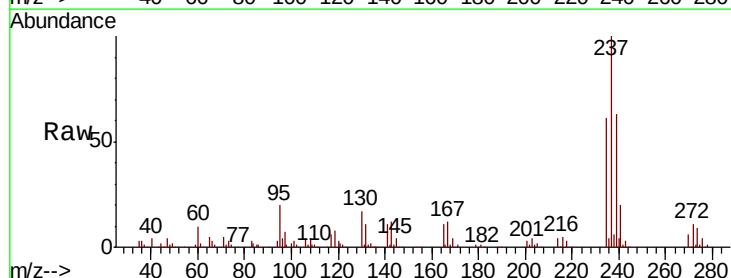
Manual Integrations
 APPROVED

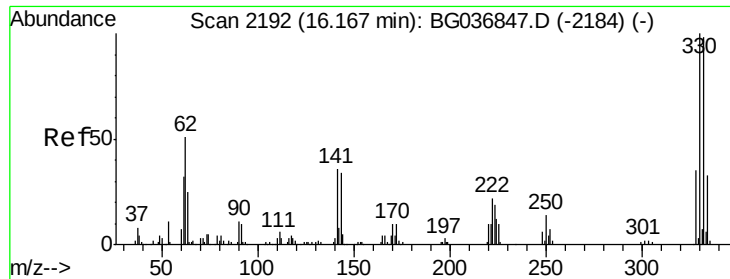
Sohil
 10/8/2018 1:56:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.028 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. -0.03 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.2	82.2
272	11.4	0.0	32.1





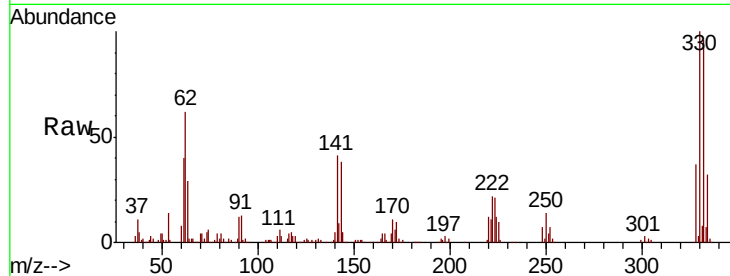
#41
 2,4,6-Tribromophenol
 Concen: 130.230 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	40.6	30.7	46.1

Manual Integrations
 APPROVED

Sohil
 10/8/2018 1:56:17 PM

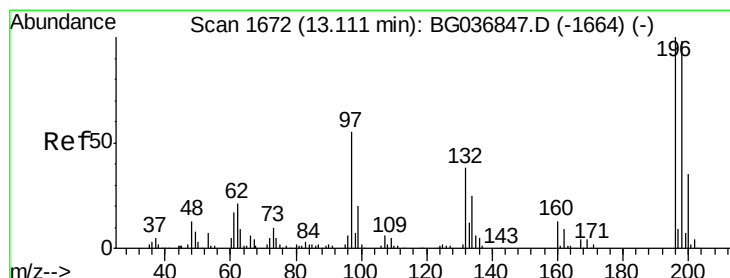
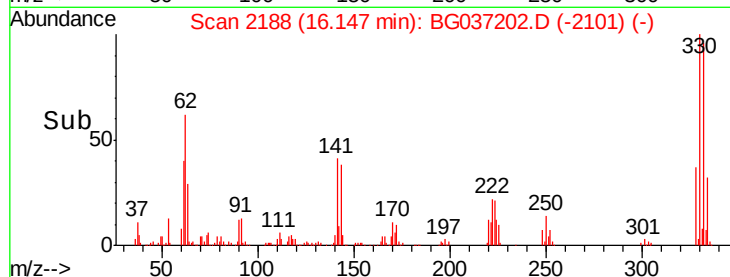
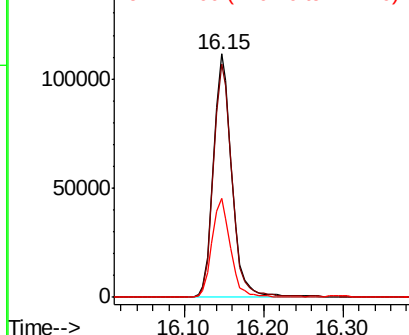


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 55.548 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

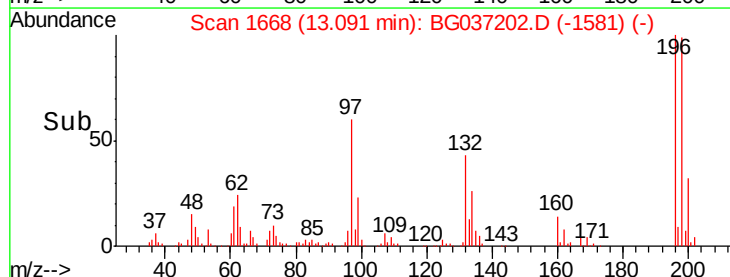
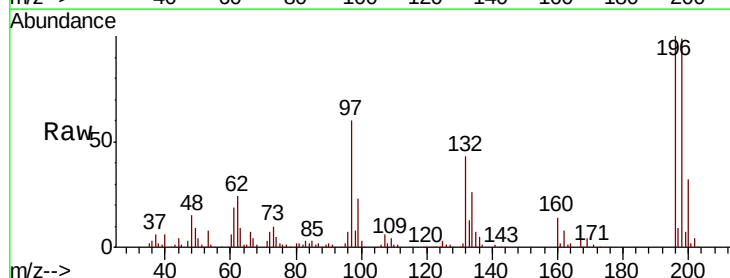
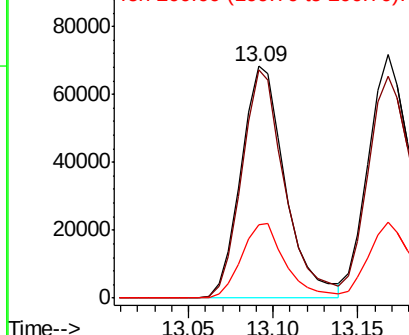
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	77.2	115.8
200	31.9	26.3	39.5

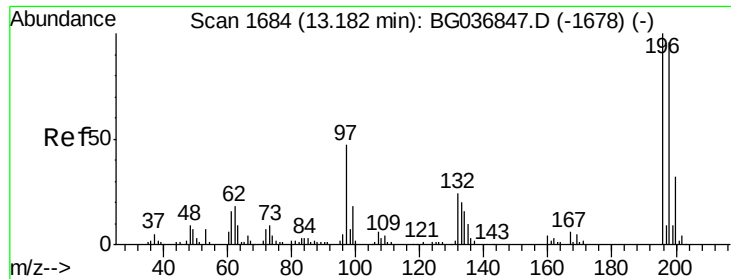
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





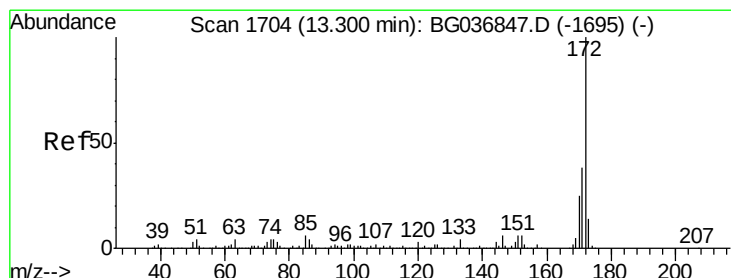
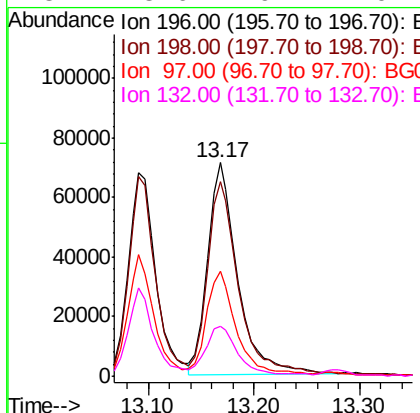
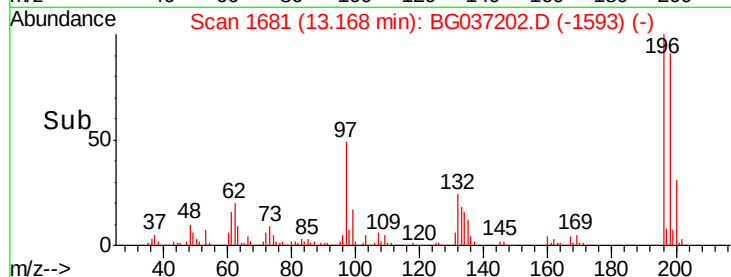
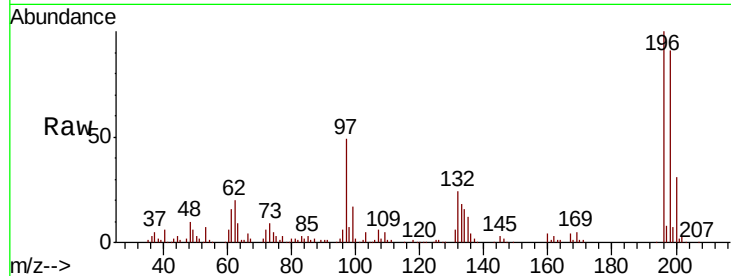
#43
 2,4,5-Trichlorophenol
 Concen: 58.748 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140374		
198	91.0	75.6	113.4	
97	49.2	37.2	55.8	
132	23.6	19.4	29.2	

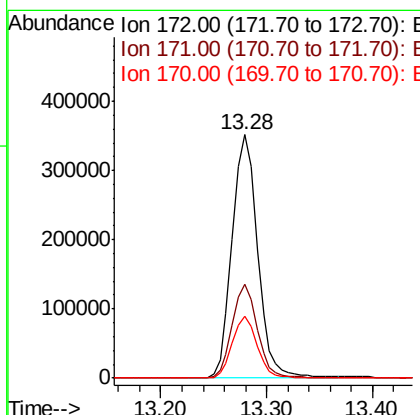
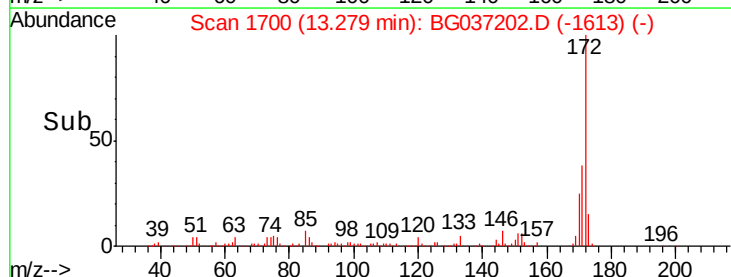
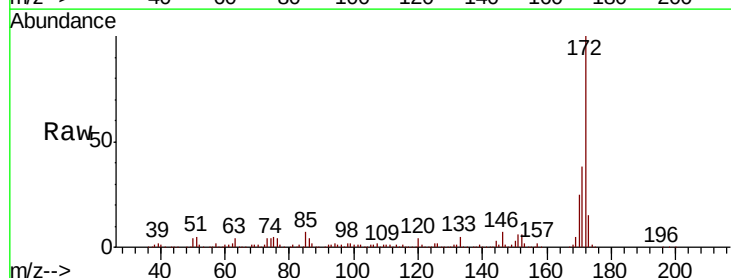
Manual Integrations
 APPROVED

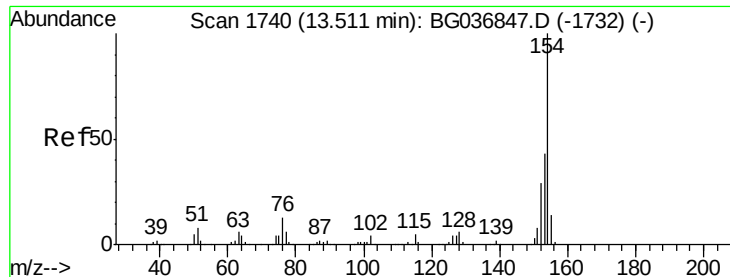
Sohil
 10/8/2018 1:56:17 PM



#44
 2-Fluorobiphenyl
 Concen: 75.975 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	590185		
171	38.4	31.3	46.9	
170	25.3	21.0	31.6	





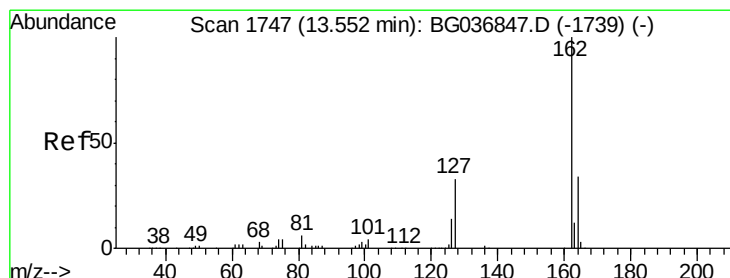
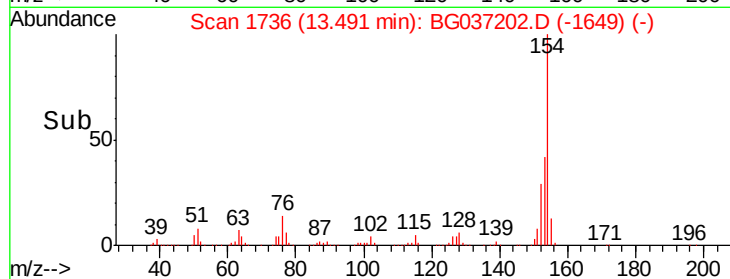
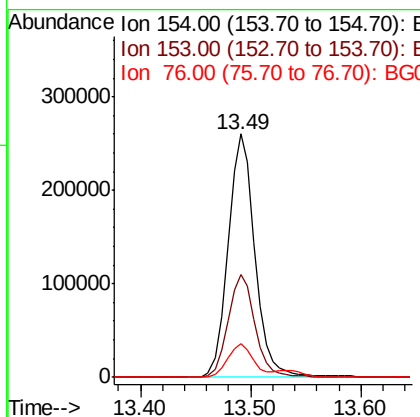
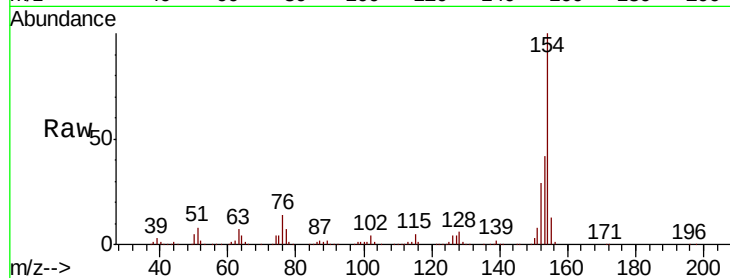
#45
 1,1'-Biphenyl
 Concen: 49.845 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	24.0	64.0
76	13.8	0.0	32.9

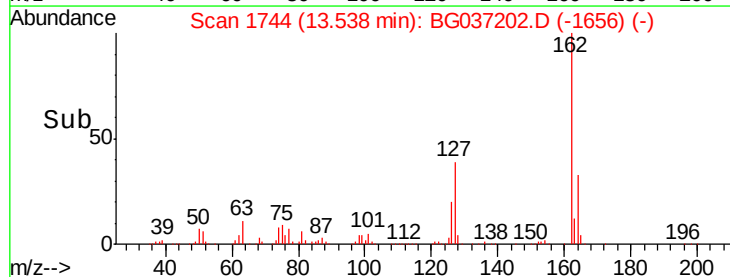
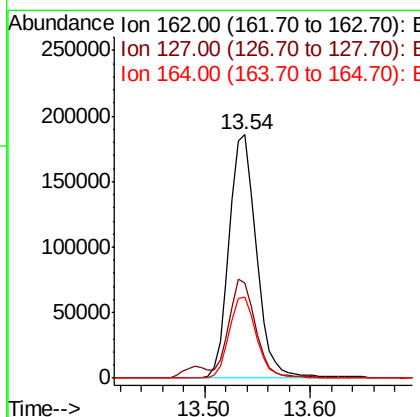
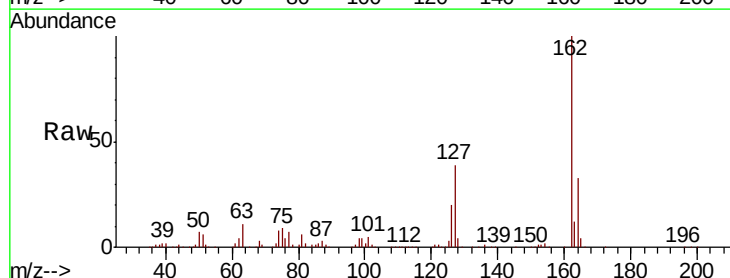
Manual Integrations
 APPROVED

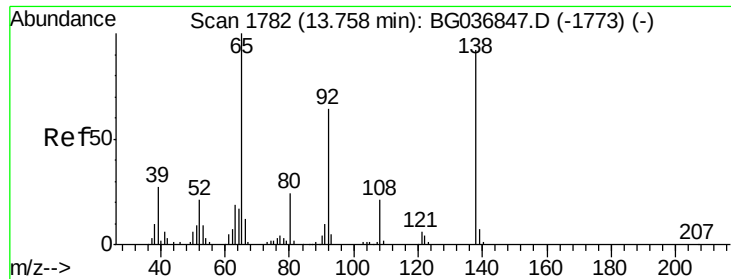
Sohil
 10/8/2018 1:56:17 PM



#46
 2-Chloronaphthalene
 Concen: 47.799 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	33.1	26.7	40.1





#47

2-Nitroaniline

Concen: 57.282 ng

RT: 13.74 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

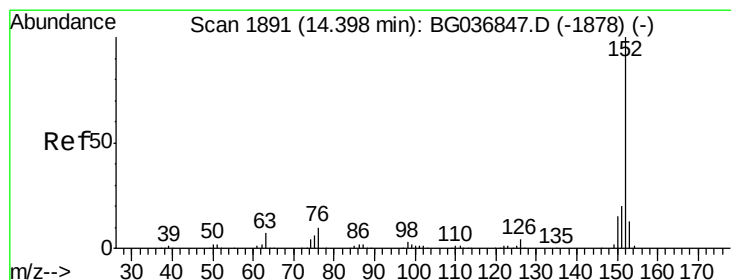
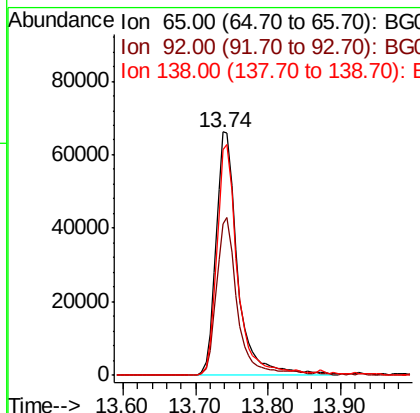
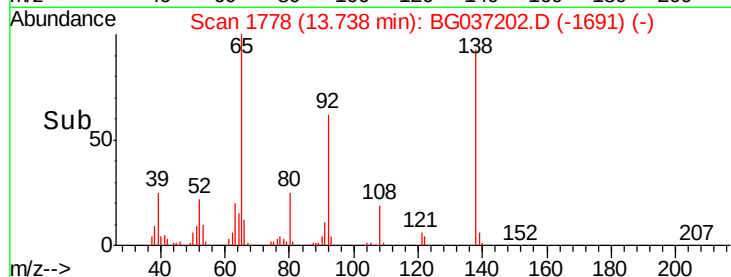
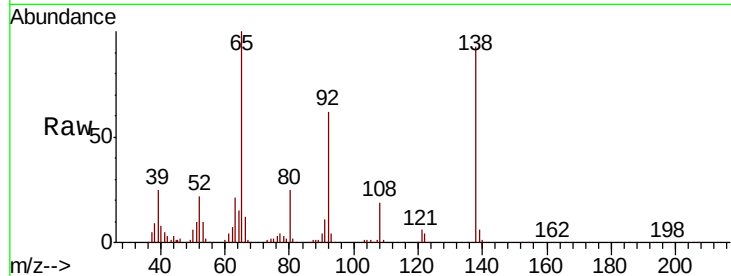
ClientSampleId :

OK-01-100318MSD

Tot Ion:	65	Resp:	138063
Ion	Ratio	Lower	Upper
65	100		
92	62.2	49.9	74.9
138	92.8	76.2	114.4

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#48

Acenaphthylene

Concen: 55.251 ng

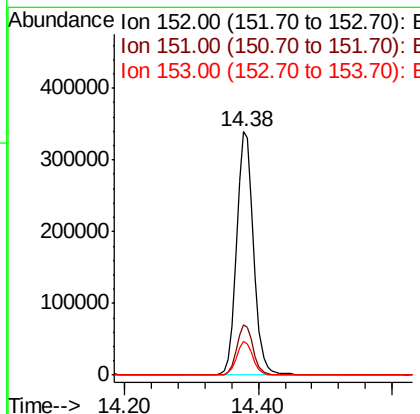
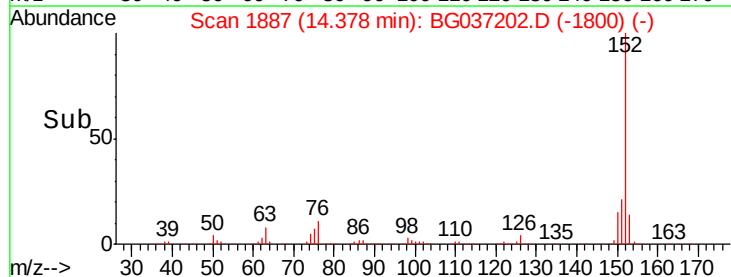
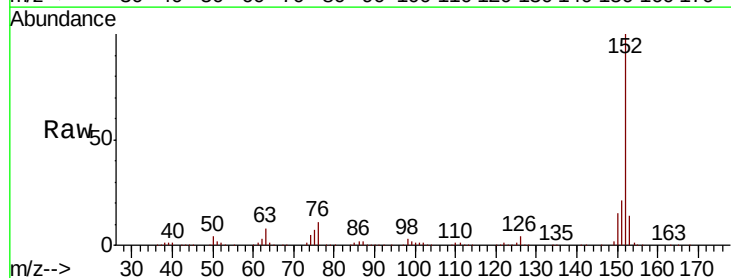
RT: 14.38 min Scan# 1887

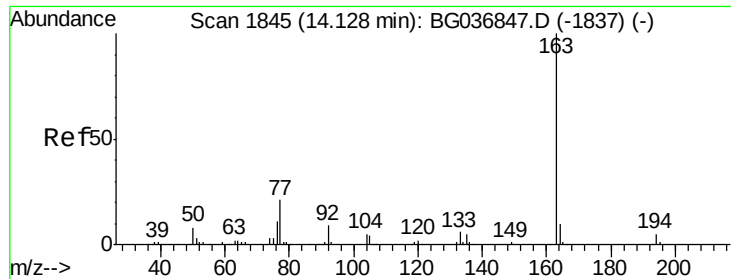
Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	152	Resp:	603311
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.0	11.2	16.8





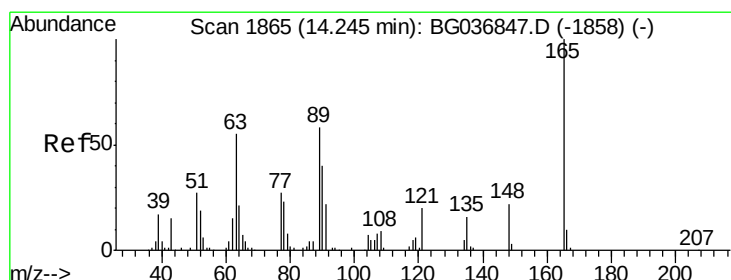
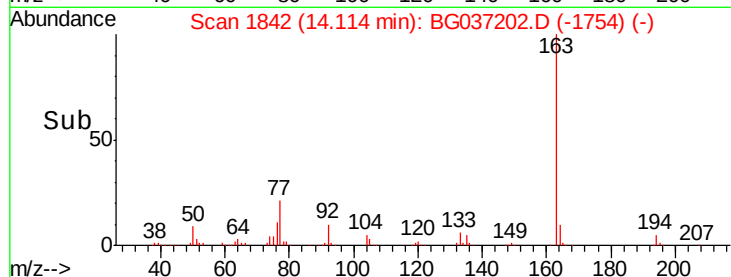
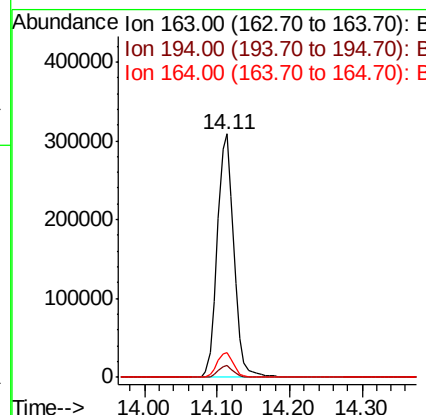
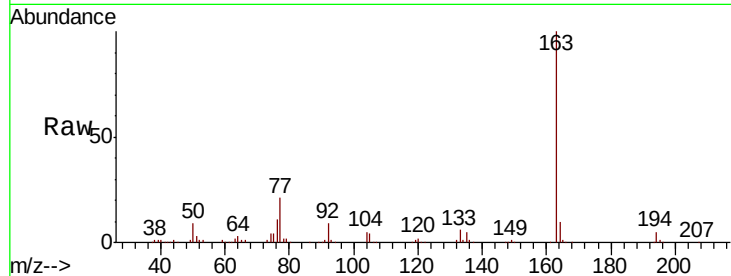
#49
Dimethylphthalate
Concen: 52.783 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	491568		
194	4.8		4.0	6.0
164	10.0		8.1	12.1

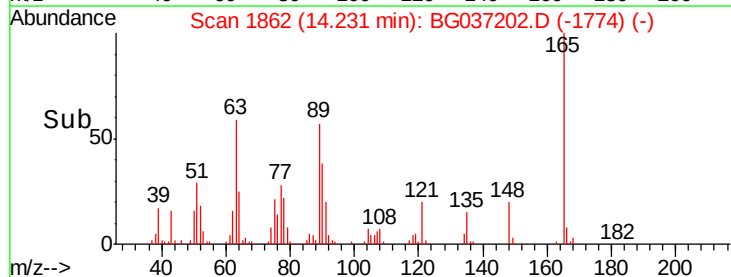
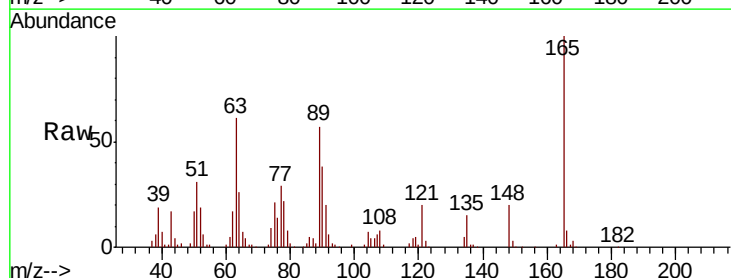
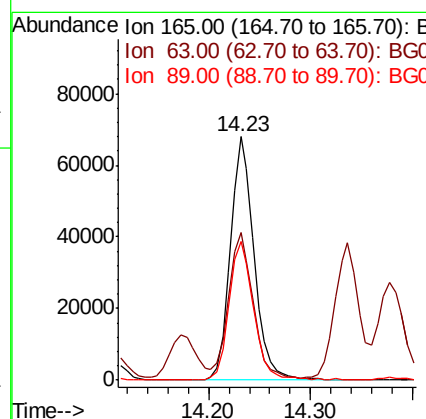
Manual Integrations
APPROVED

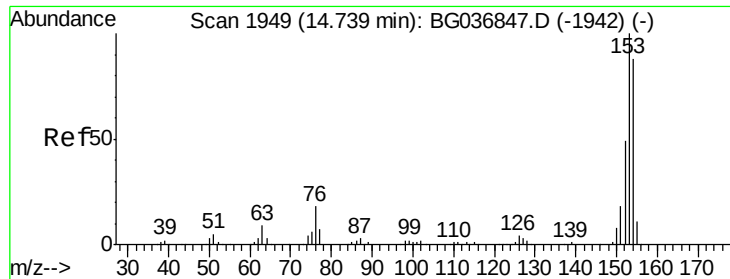
Sohil
10/8/2018 1:56:17 PM



#50
2,6-Dinitrotoluene
Concen: 54.076 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109877		
63	60.8		50.1	75.1
89	57.0		47.8	71.6





#51

Acenaphthene

Concen: 51.671 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

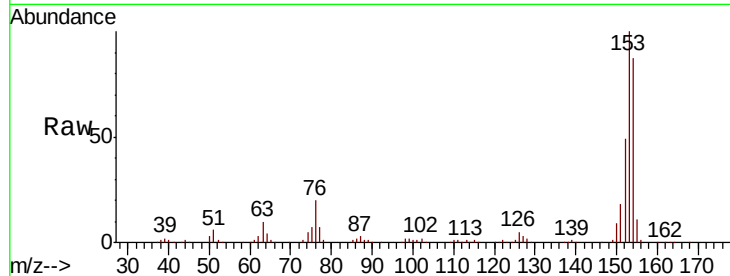
ClientSampleId :

OK-01-100318MSD

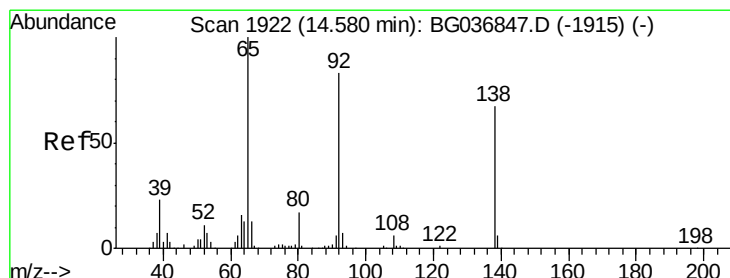
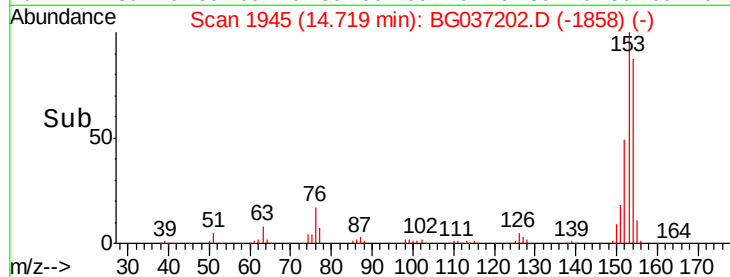
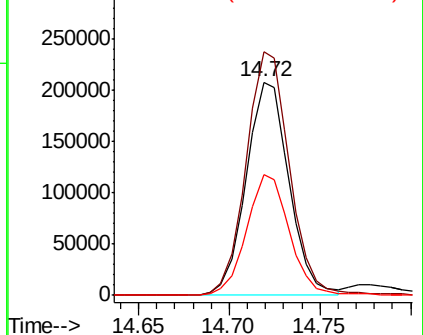
Tot Ion:	154	Resp:	340998
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.8	137.6
152	56.5	43.5	65.3

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.453 ng

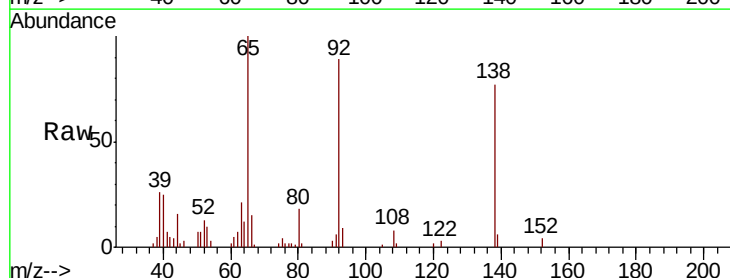
RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

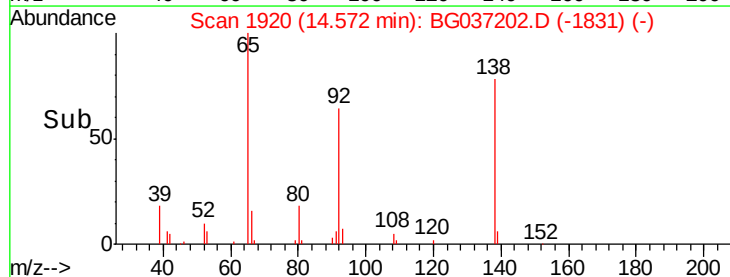
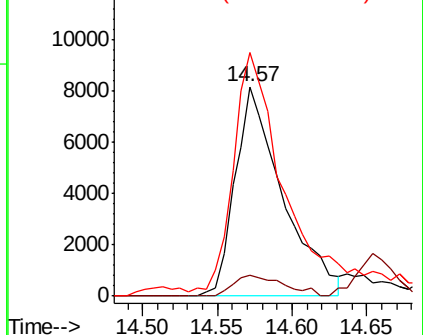
Lab File: BG037202.D

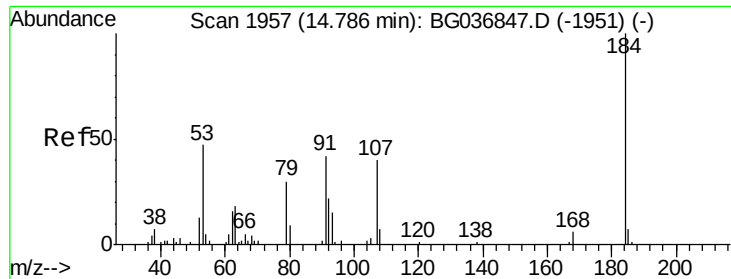
Acq: 5 Oct 2018 23:36

Tgt Ion:	138	Resp:	18099
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.2
92	116.4	96.8	145.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





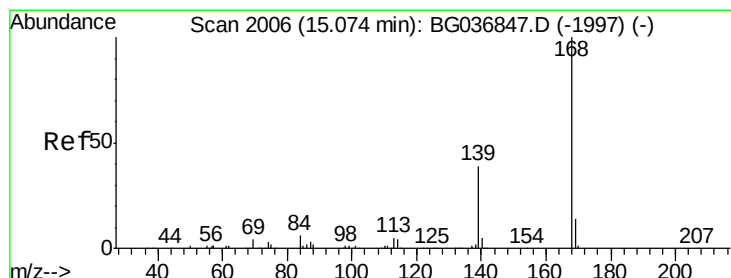
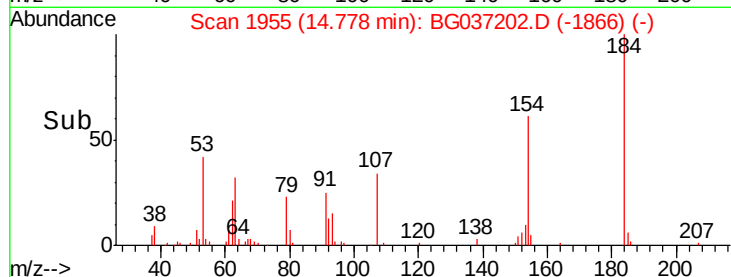
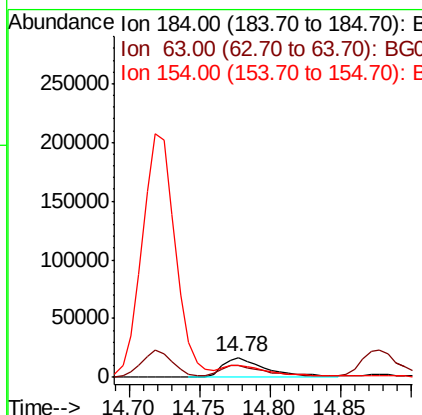
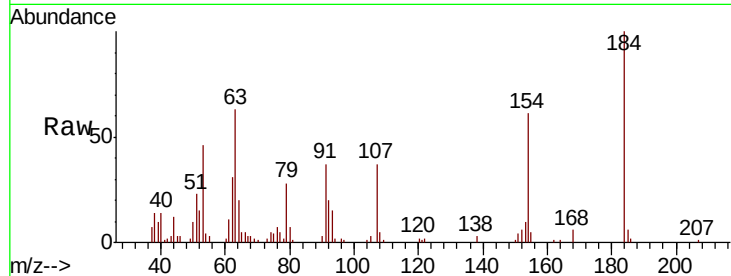
#53
2,4-Dinitrophenol
Concen: 42.116 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.3	47.3	70.9
154	61.3	51.1	76.7

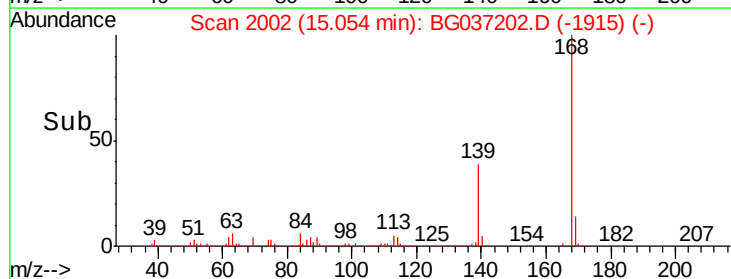
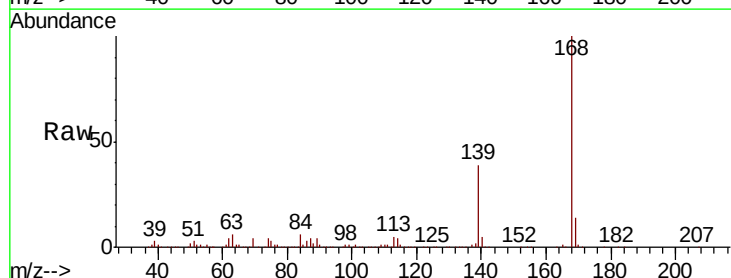
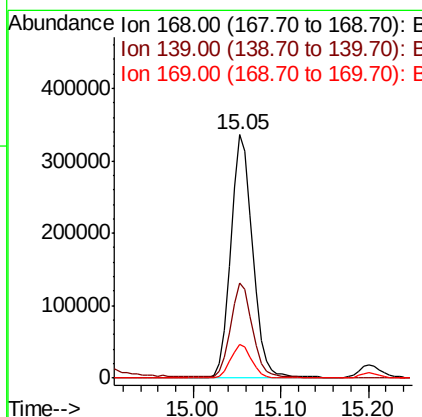
Manual Integrations
APPROVED

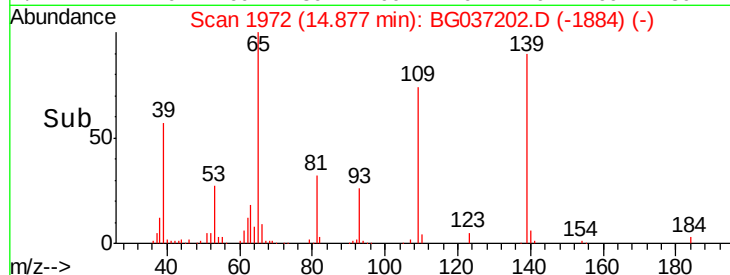
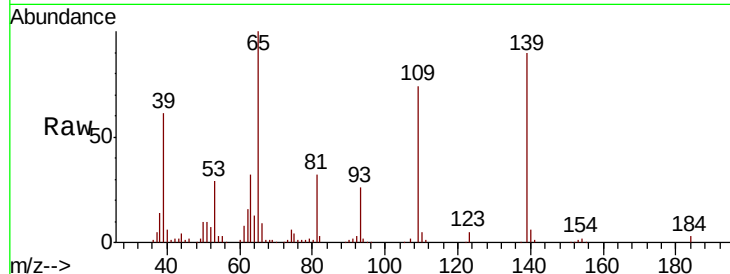
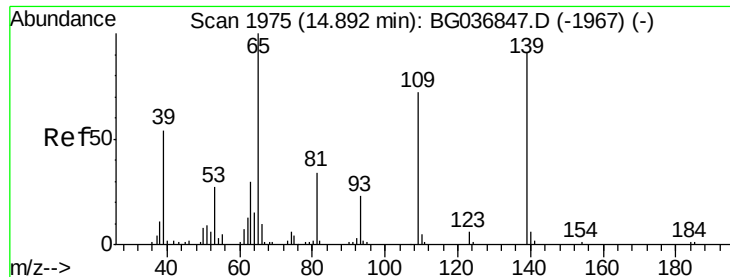
Sohil
10/8/2018 1:56:17 PM



#54
Dibenzofuran
Concen: 51.148 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.9	11.1	16.7





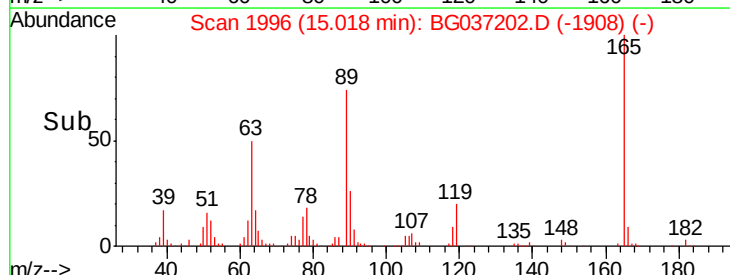
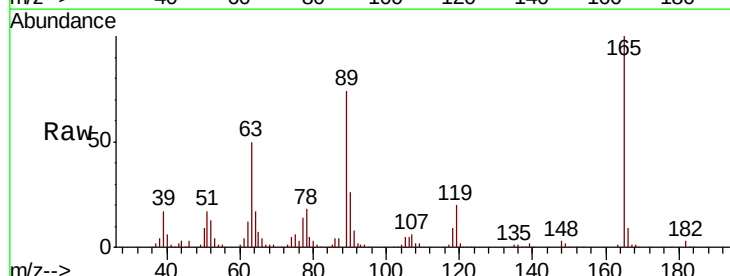
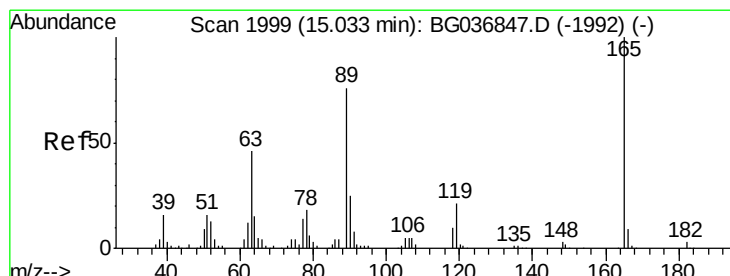
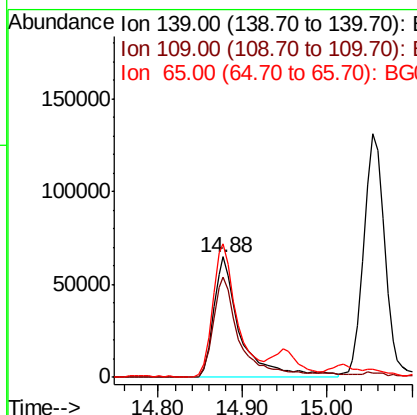
#55
4-Nitrophenol
Concen: 104.617 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	143099		
109	83.0	63.9	103.9	
65	111.5	90.0	130.0	

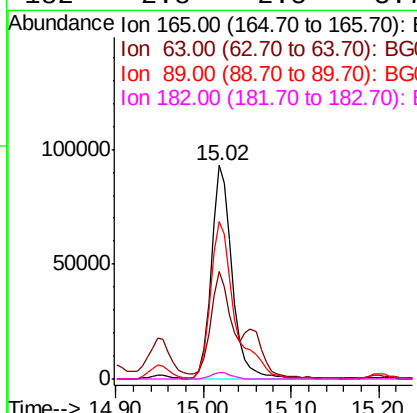
Manual Integrations
APPROVED

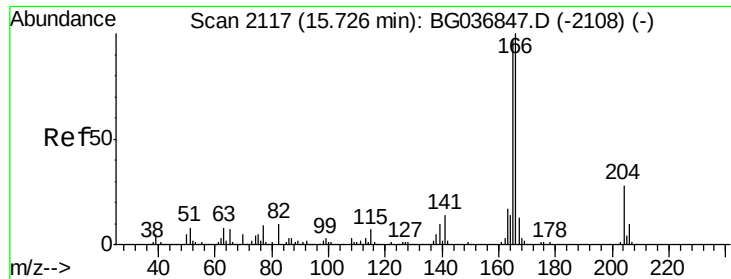
Sohil
10/8/2018 1:56:17 PM



#56
2,4-Dinitrotoluene
Concen: 53.852 ng
RT: 15.02 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152685		
63	50.3	40.1	60.1	
89	73.7	63.7	95.5	
182	2.8	2.5	3.7	





#57

Fluorene

Concen: 55.675 ng

RT: 15.71 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

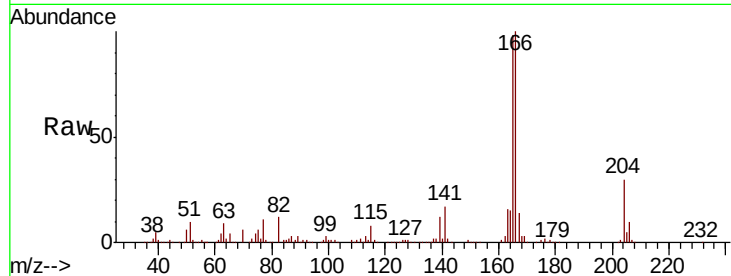
ClientSampleId :

OK-01-100318MSD

Tot Ion:	166	Resp:	464516
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.0	115.4
167	14.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM

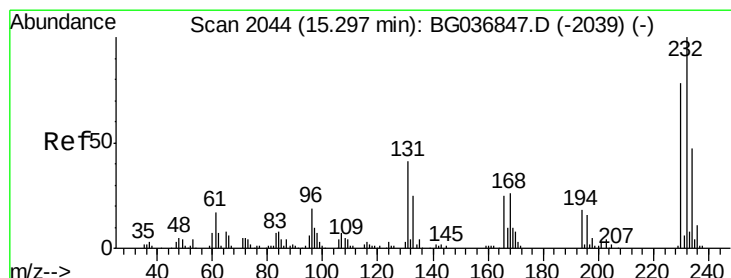
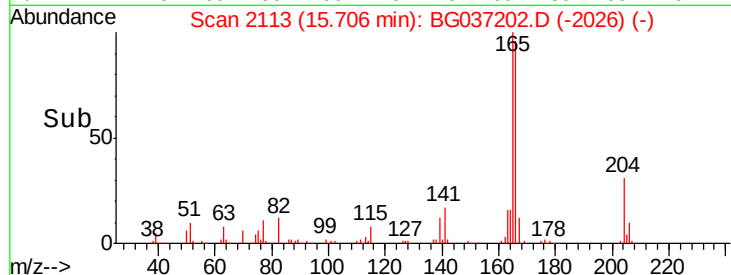
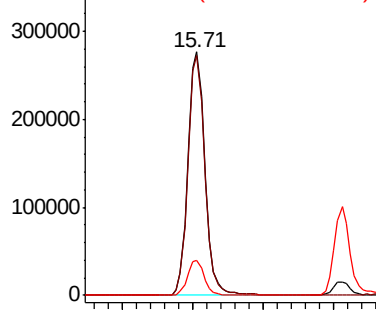


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.238 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:	232	Resp:	141164
Ion Ratio	Lower	Upper	
232	100		
131	41.9	33.8	50.8
130	2.5	2.1	3.1
166	27.3	22.3	33.5

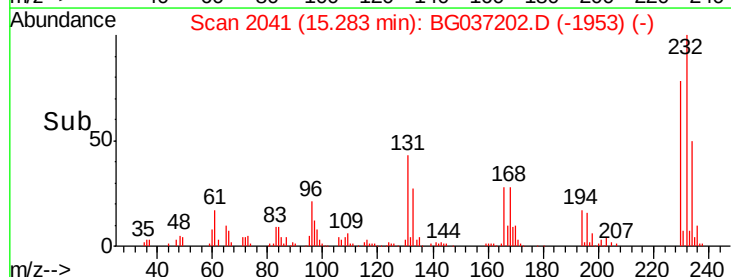
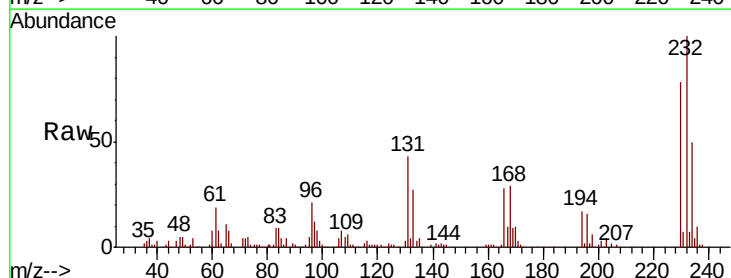
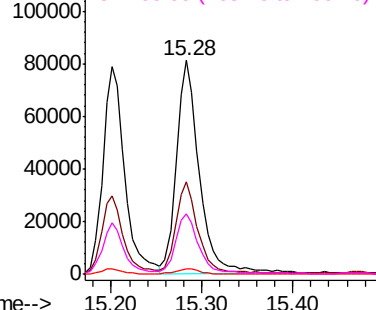
Abundance

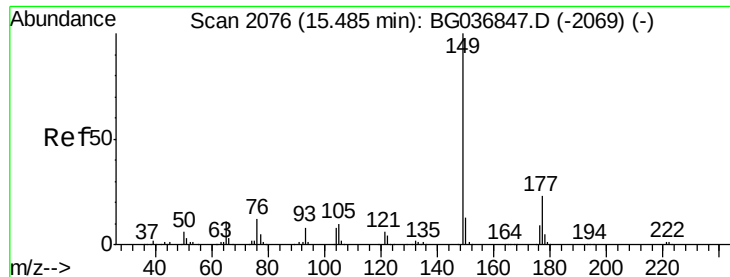
Ion 232.00 (231.70 to 232.70): E

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





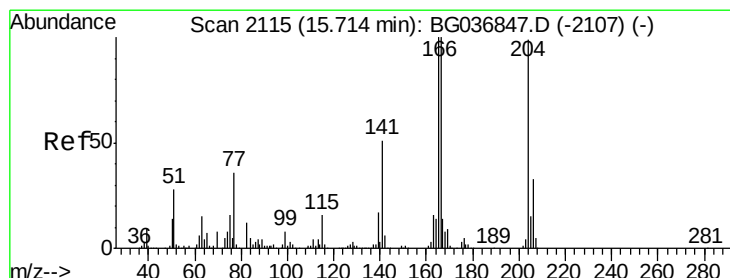
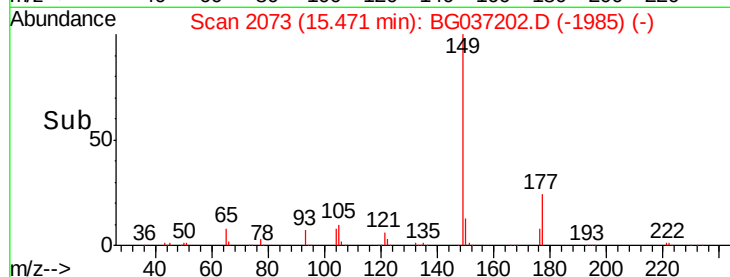
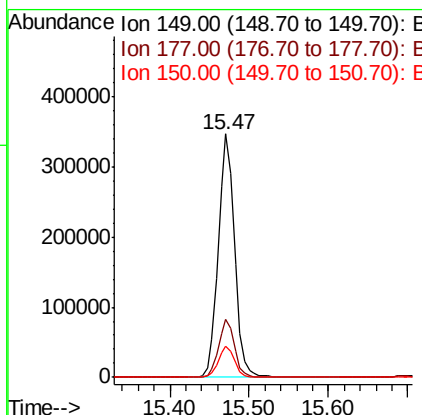
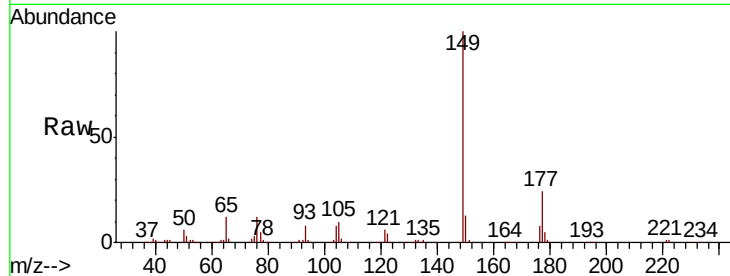
#59
Diethylphthalate
Concen: 52.569 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	13.0	10.7	16.1

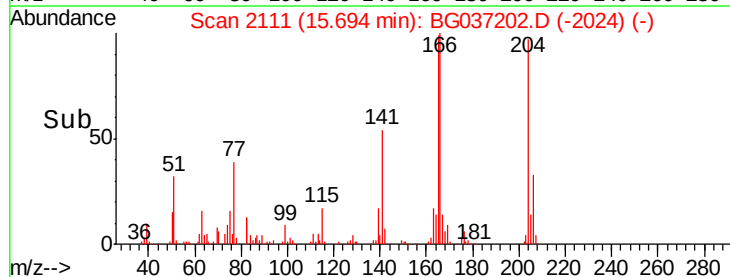
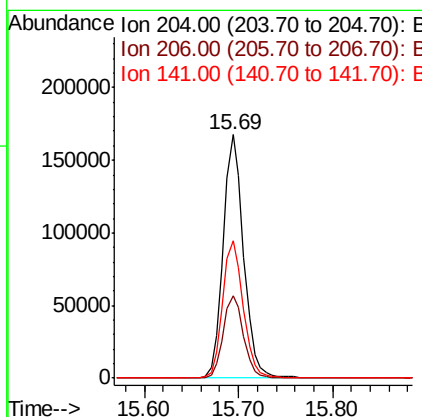
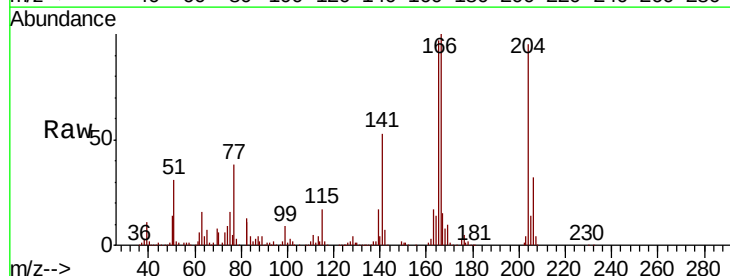
Manual Integrations
APPROVED

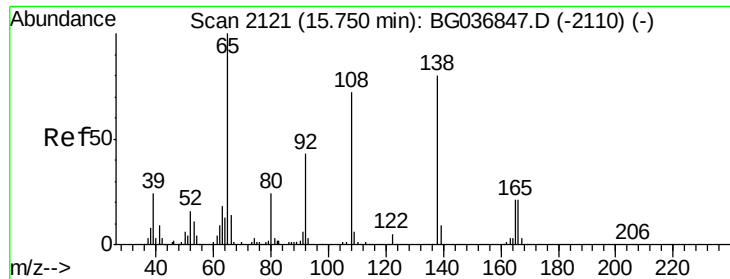
Sohil
10/8/2018 1:56:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.991 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.4
141	56.2	43.8	65.6





#61

4-Nitroaniline

Concen: 46.423 ng

RT: 15.74 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MSD

Tot Ion:138 Resp: 104553

Ion Ratio Lower Upper

138 100

92 54.2 38.5 78.5

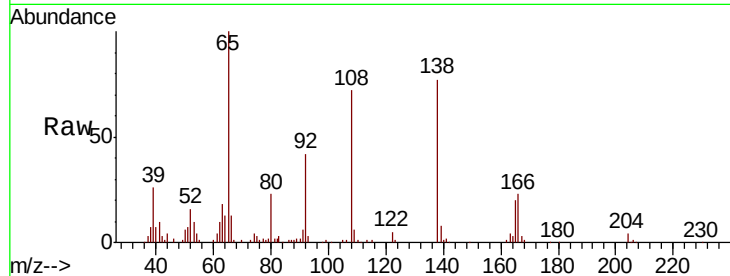
108 92.9 70.3 110.3

Manual Integrations

APPROVED

Sohil

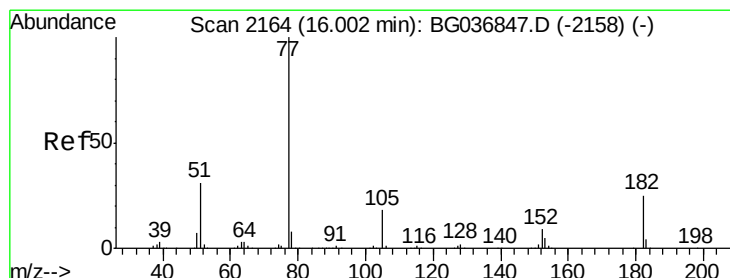
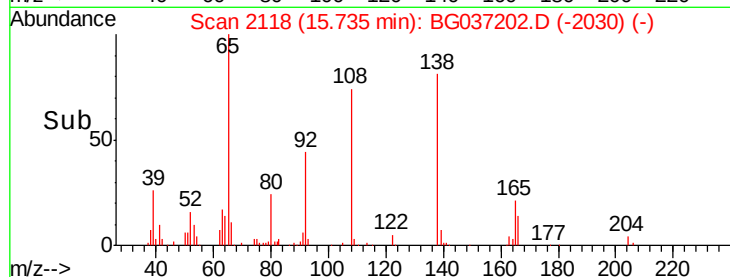
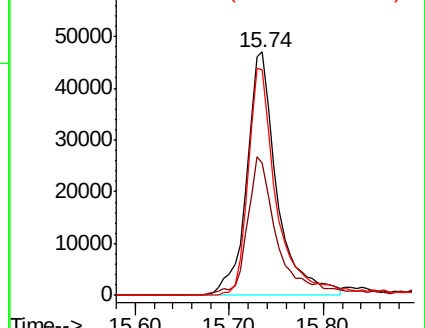
10/8/2018 1:56:17 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.098 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion: 77 Resp: 497274

Ion Ratio Lower Upper

77 100

182 26.9 6.7 46.7

105 19.3 0.0 39.8

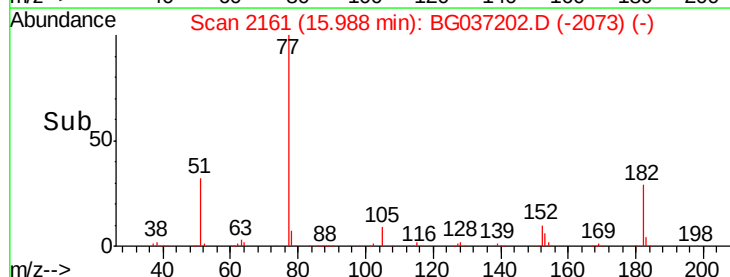
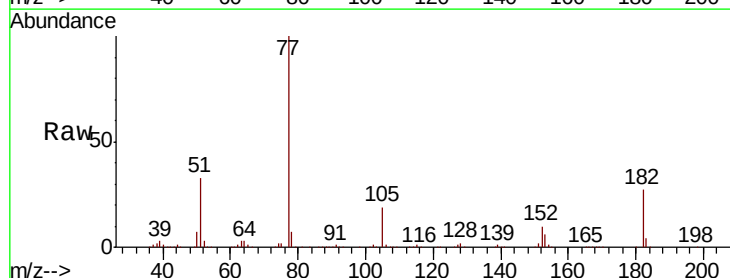
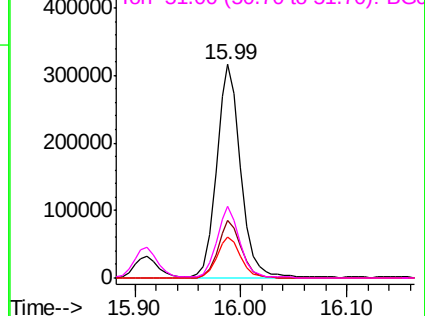
51 33.3 12.4 52.4

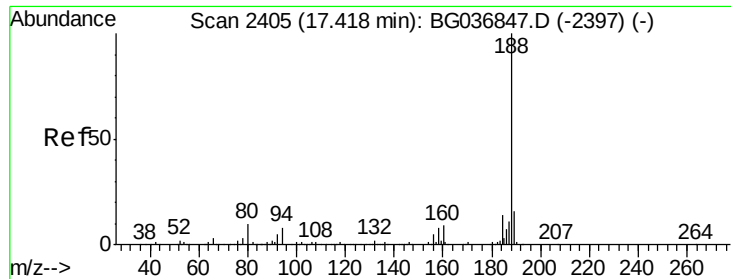
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

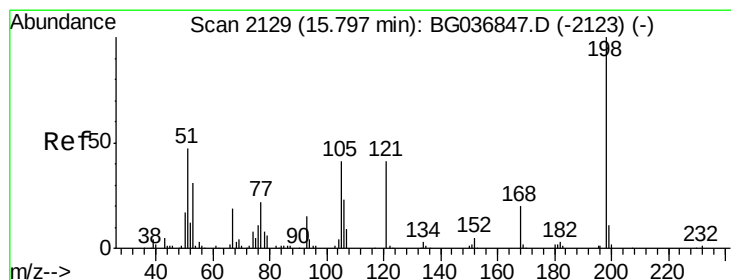
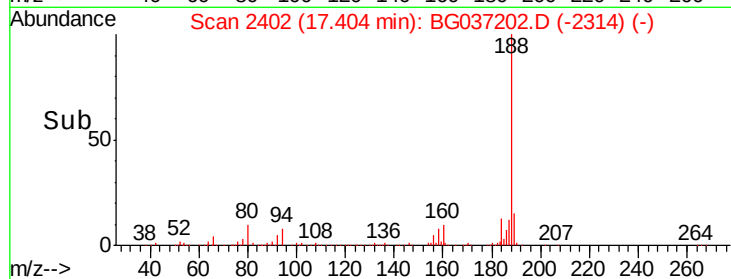
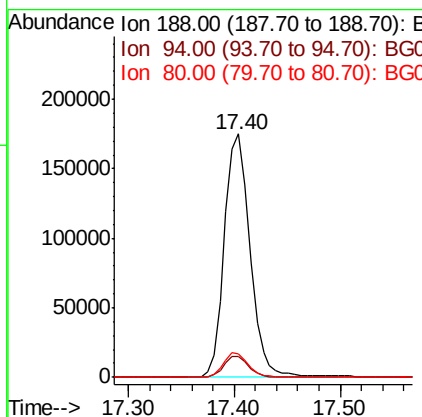
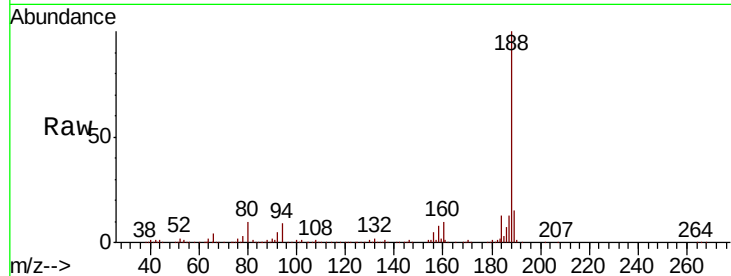
ClientSampleId :

OK-01-100318MSD

Tot Ion:188	Resp:	296273
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	9.7	8.1 12.1

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 32.135 ng

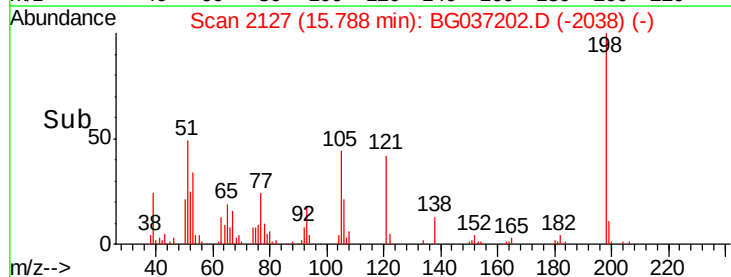
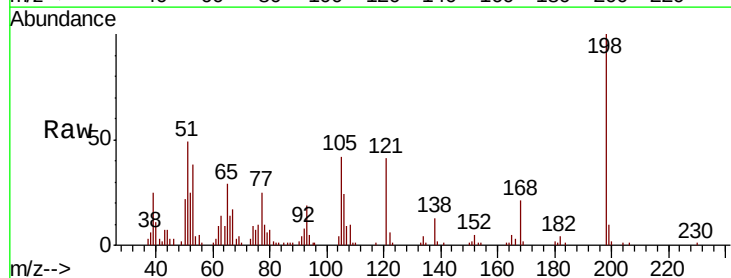
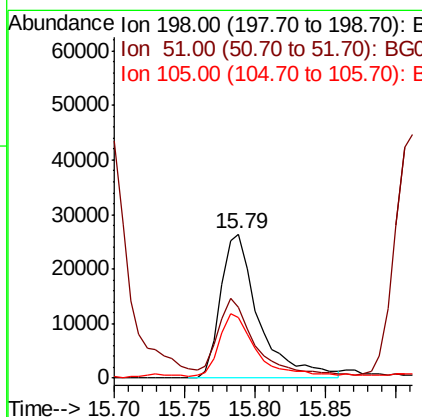
RT: 15.79 min Scan# 2127

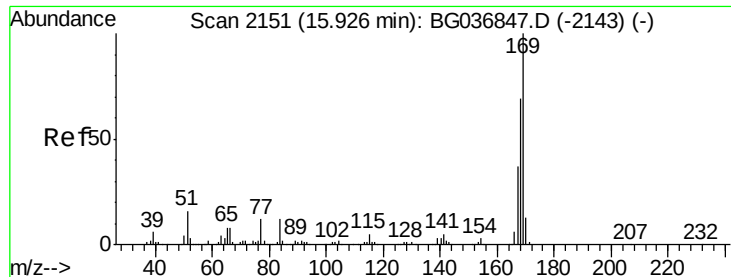
Delta R.T. -0.01 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Tgt Ion:198	Resp:	49776
Ion Ratio	Lower	Upper
198	100	
51	48.9	26.5 66.5
105	42.3	20.2 60.2





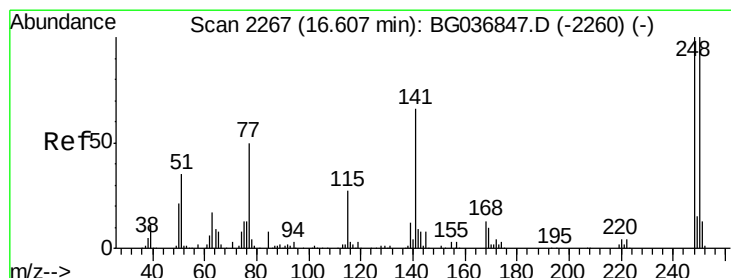
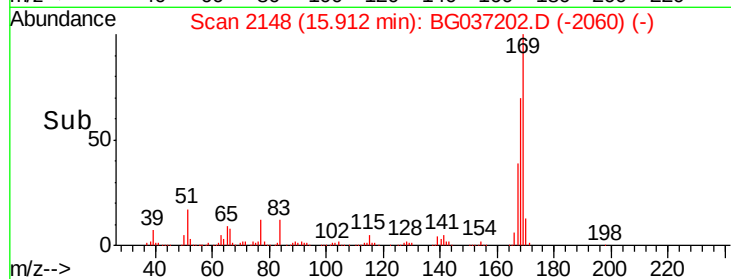
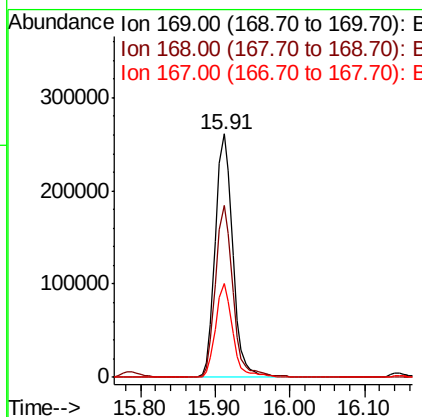
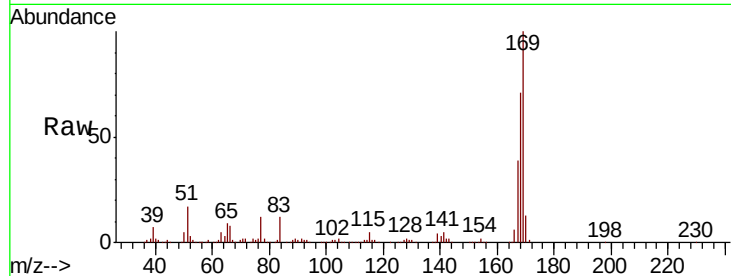
#65
 n-Nitrosodiphenylamine
 Concen: 52.153 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.6	86.4
167	38.7	31.0	46.4

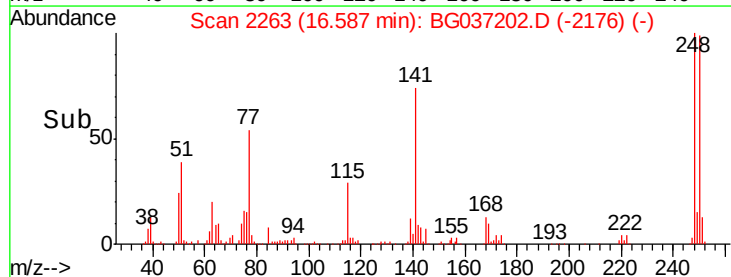
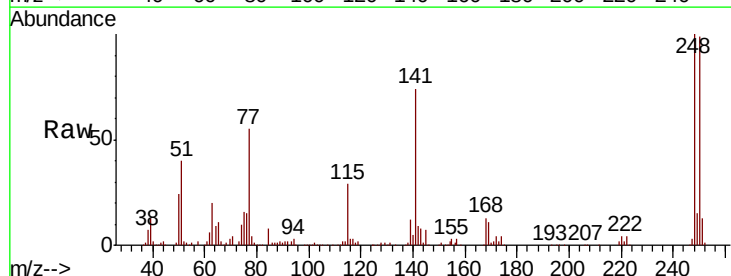
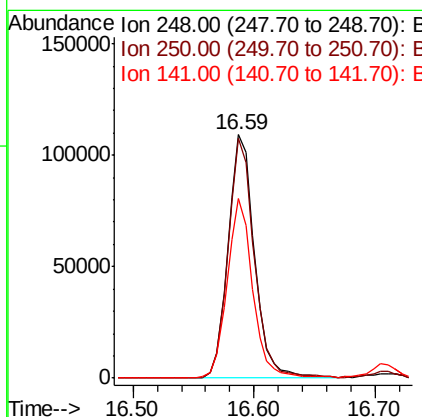
Manual Integrations
 APPROVED

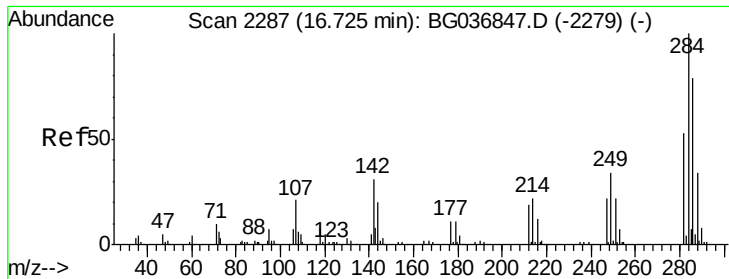
Sohil
 10/8/2018 1:56:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 49.438 ng
 RT: 16.59 min Scan# 2263
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.1	117.1
141	73.8	53.7	80.5





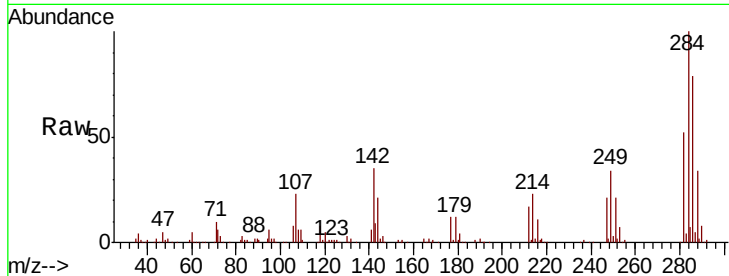
#67
Hexachlorobenzene
Concen: 48.117 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

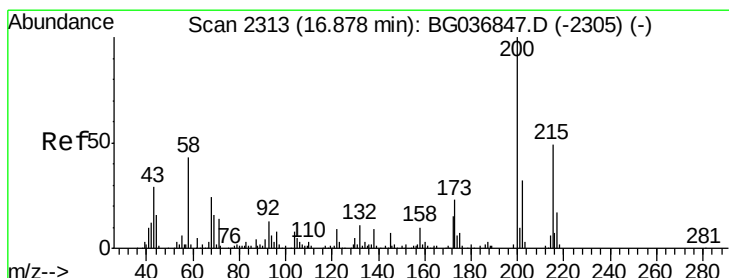
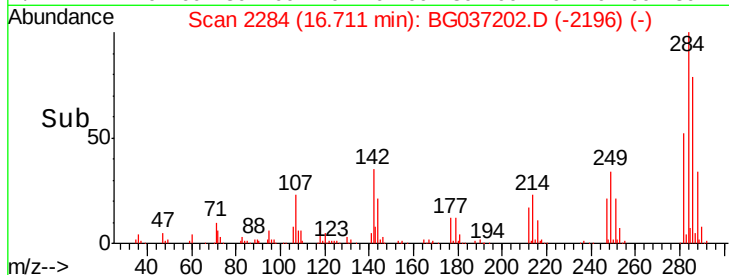
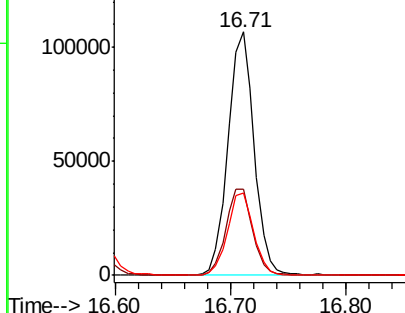
Tot Ion	Ratio	Resp	Lower	Upper
284	100	167006		
142	35.3	27.8	41.6	
249	33.8	27.4	41.2	

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM

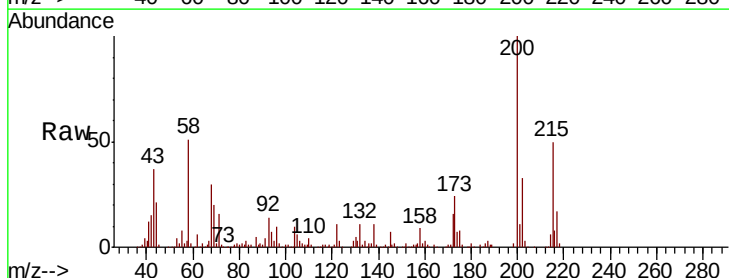


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

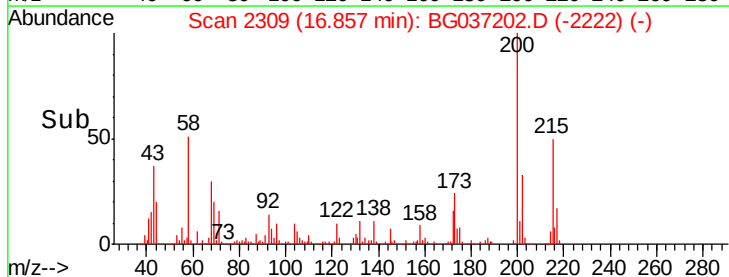
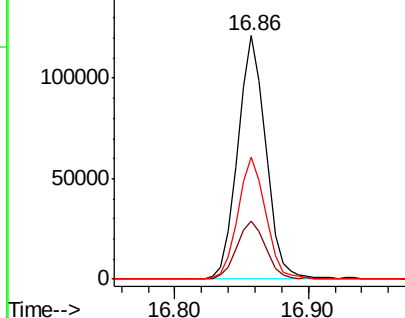


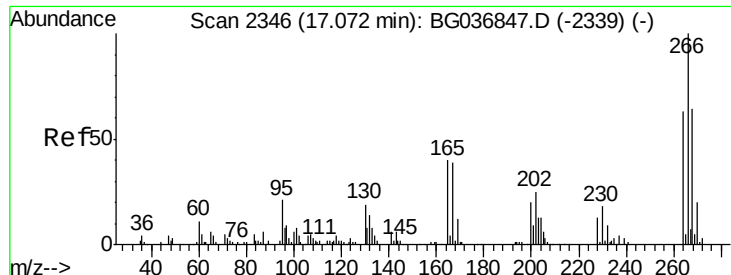
#68
Atrazine
Concen: 53.301 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176525		
173	23.9	3.9	43.9	
215	50.1	30.4	70.4	



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





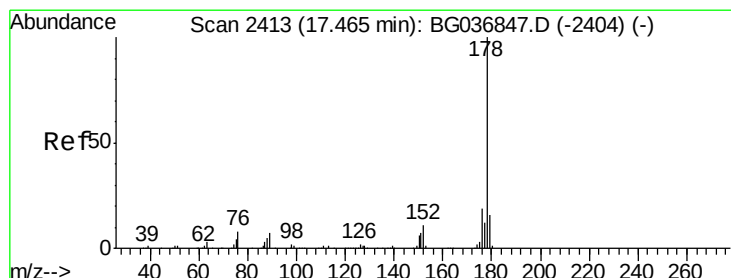
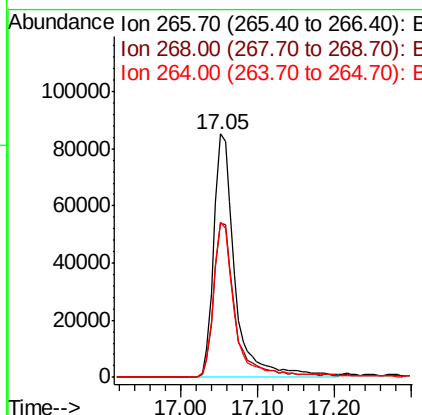
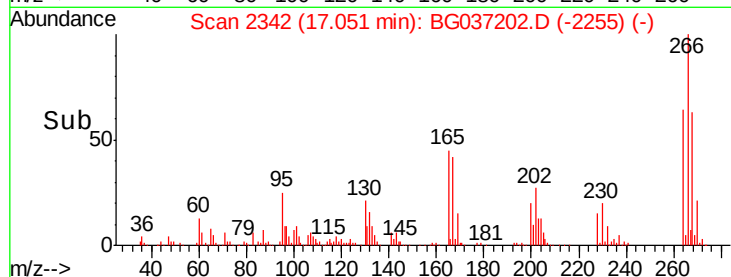
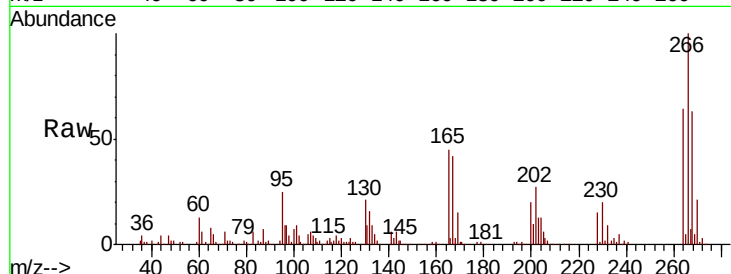
#69
 Pentachlorophenol
 Concen: 74.440 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.4	77.2
264	63.9	48.9	73.3

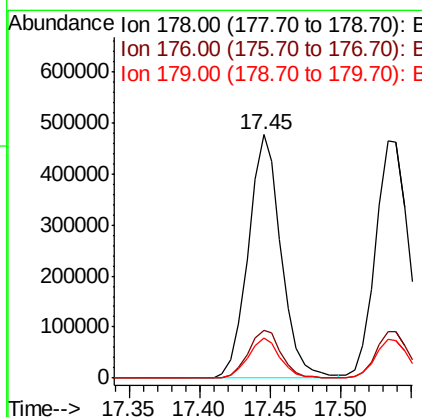
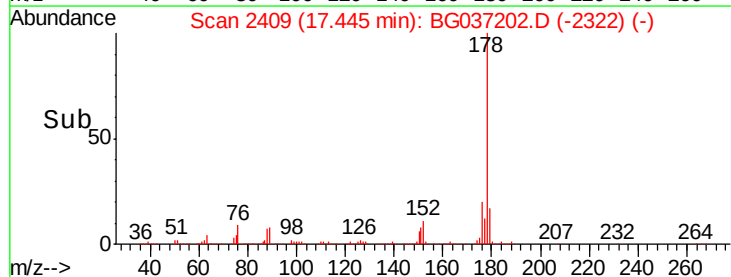
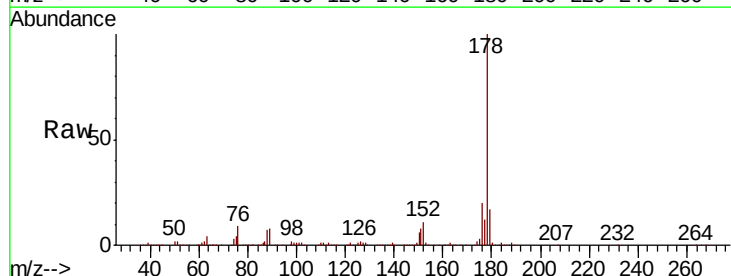
Manual Integrations
 APPROVED

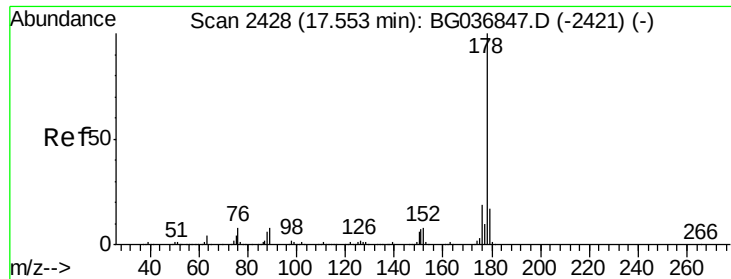
Sohil
 10/8/2018 1:56:17 PM



#70
 Phenanthrene
 Concen: 54.358 ng
 RT: 17.45 min Scan# 2409
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.6	13.4	20.2





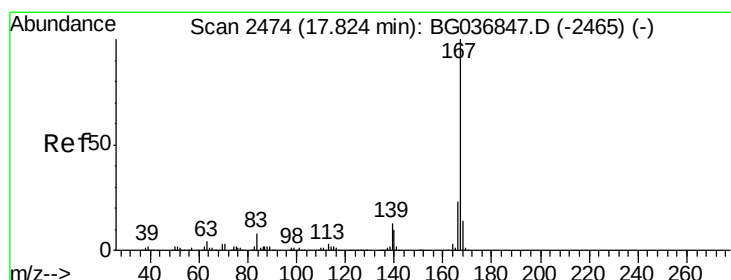
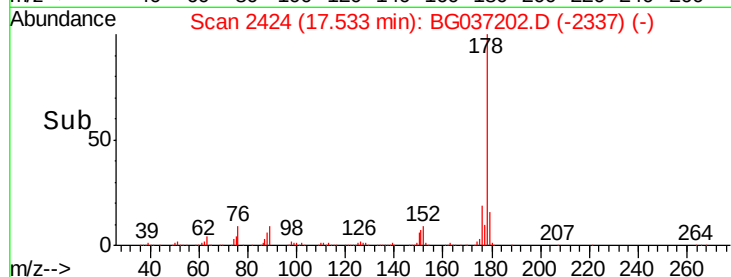
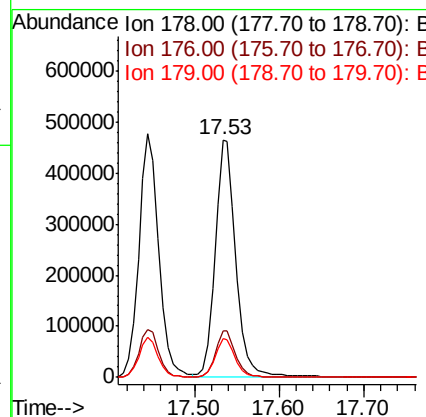
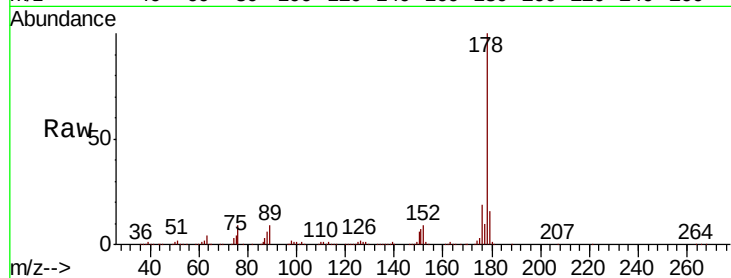
#71
 Anthracene
 Concen: 56.227 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	13.0	19.4

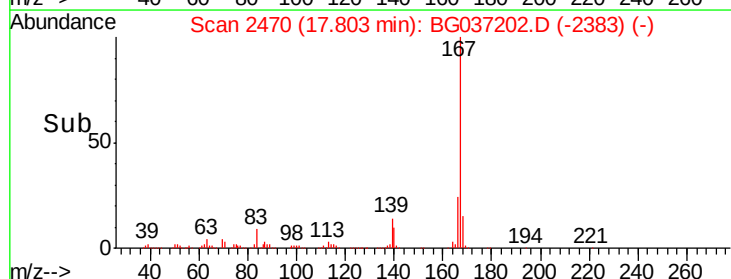
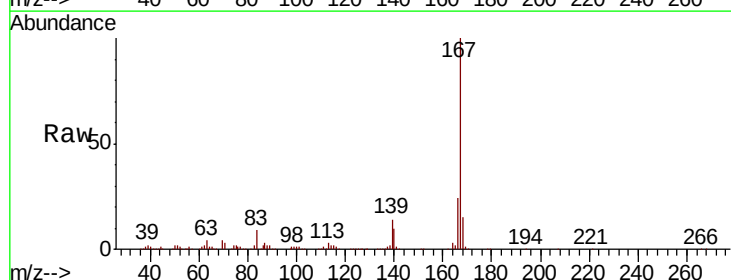
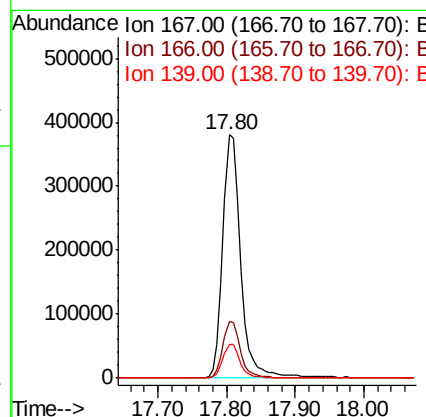
Manual Integrations
 APPROVED

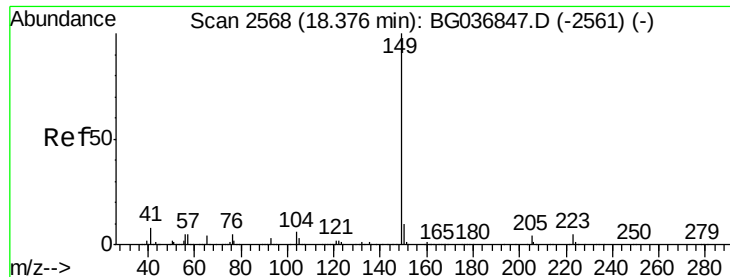
Sohil
 10/8/2018 1:56:17 PM



#72
 Carbazole
 Concen: 50.591 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.5	29.3
139	13.8	10.7	16.1





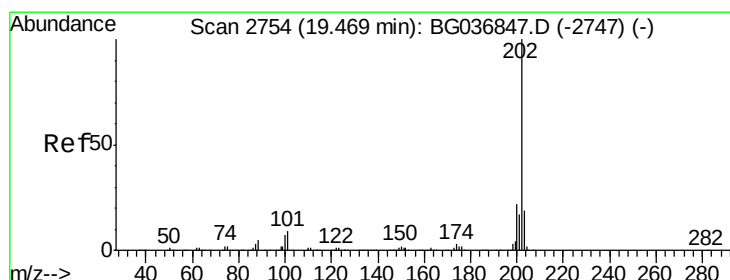
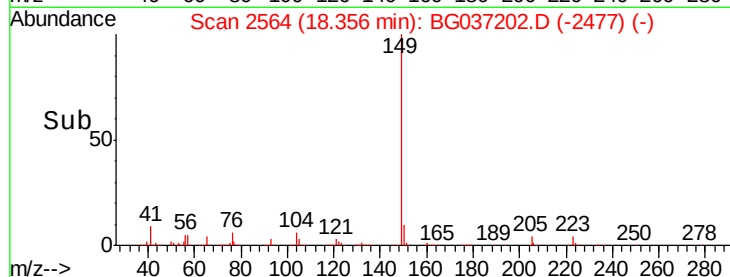
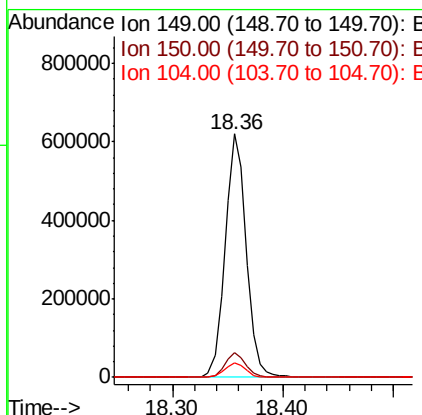
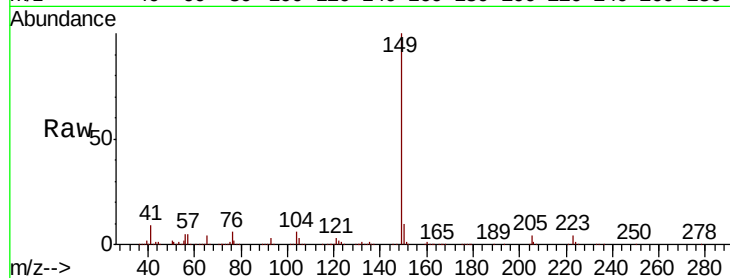
#73
Di-n-butylphthalate
Concen: 54.057 ng
RT: 18.36 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion:	149	Resp:	826312
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	6.1	4.6	6.8

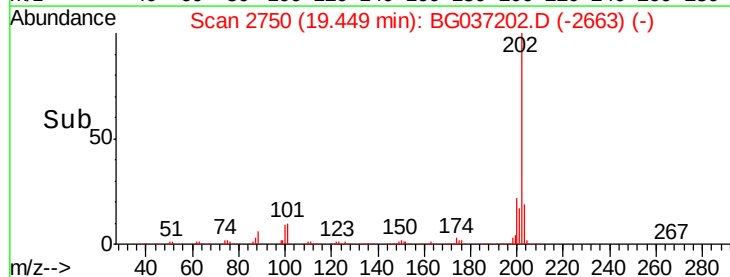
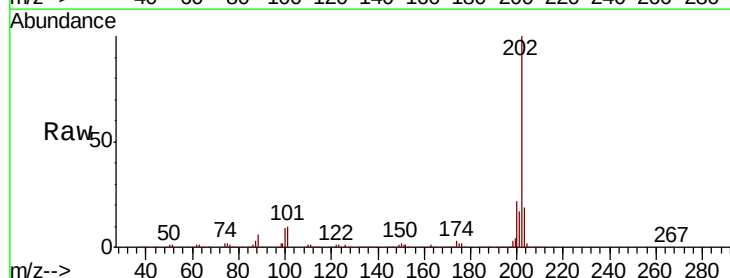
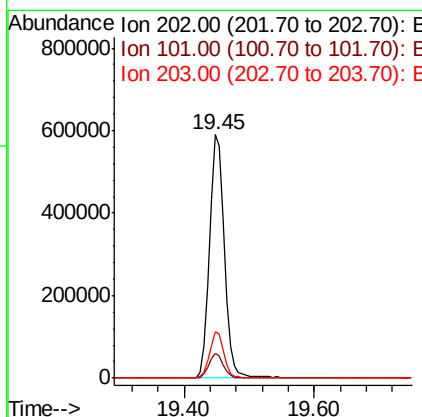
Manual Integrations
APPROVED

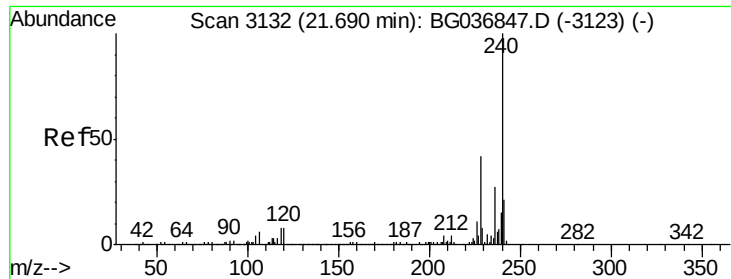
Sohil
10/8/2018 1:56:17 PM



#74
Fluoranthene
Concen: 54.386 ng
RT: 19.45 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion:	202	Resp:	934658
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.4
203	18.9	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037202.D

Acq: 5 Oct 2018 23:36

Instrument :

BNA_G

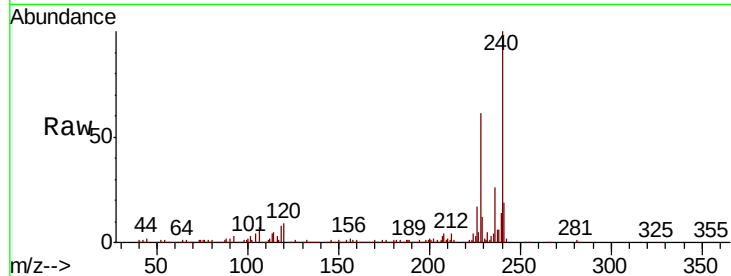
ClientSampleId :

OK-01-100318MSD

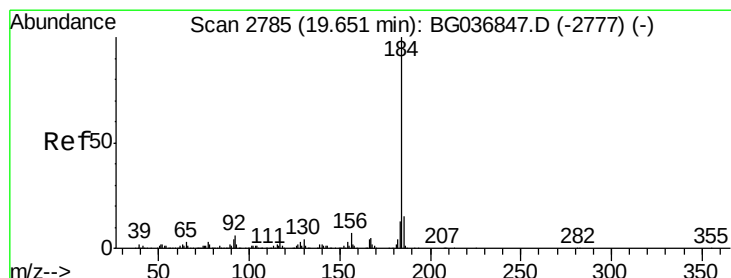
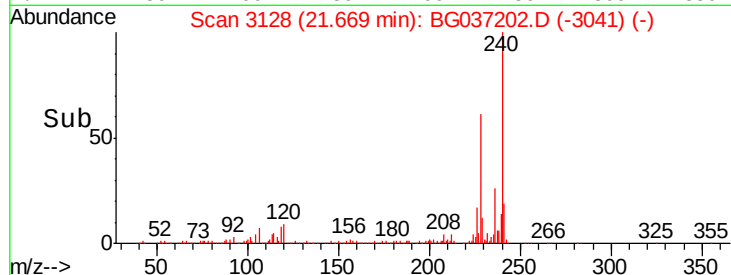
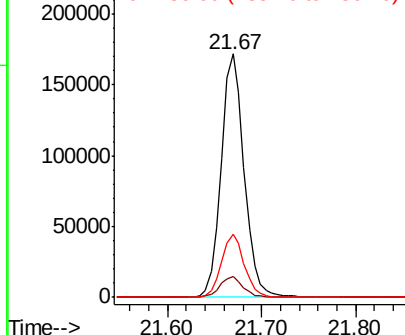
Tot Ion:	240	Resp:	292989
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.9	10.3
236	25.9	21.2	31.8

Manual Integrations
APPROVED

Sohil
10/8/2018 1:56:17 PM



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



#76

Benzidine

Concen: 11.910 ng

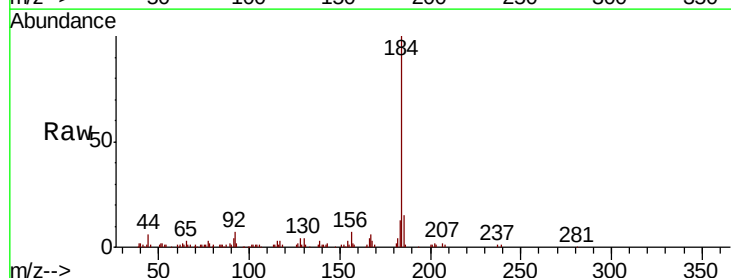
RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

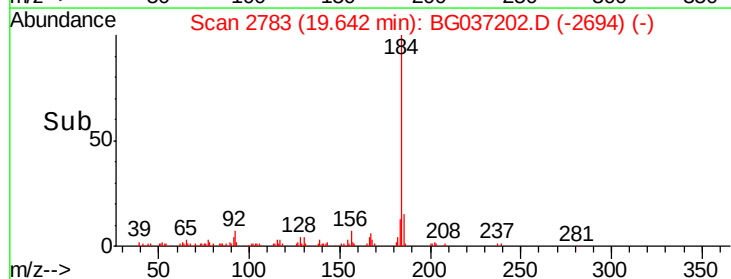
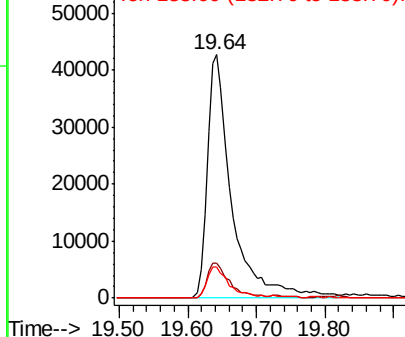
Lab File: BG037202.D

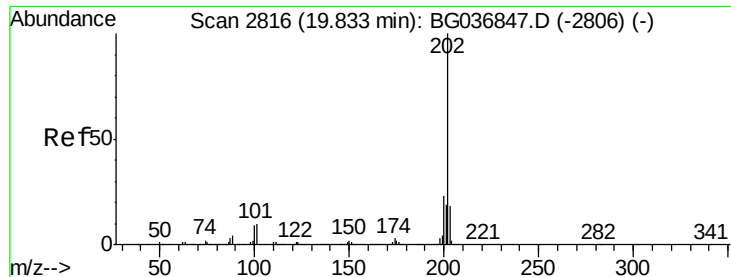
Acq: 5 Oct 2018 23:36

Tgt Ion:	184	Resp:	105489
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	12.8	10.9	16.3



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





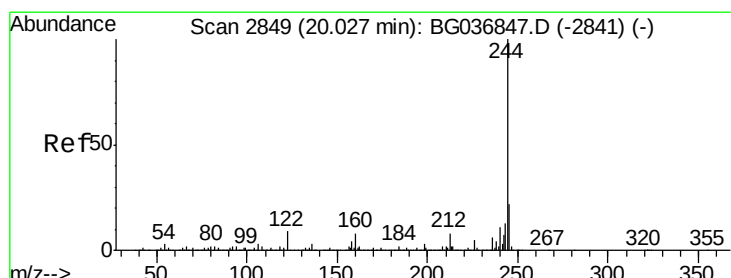
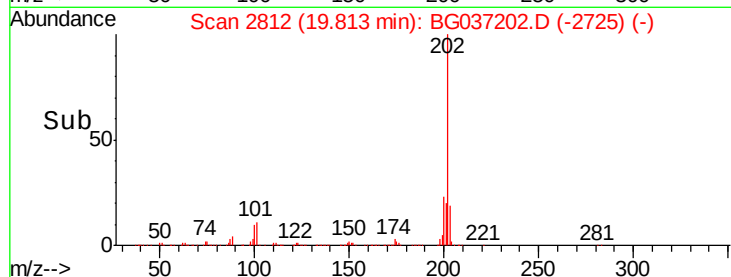
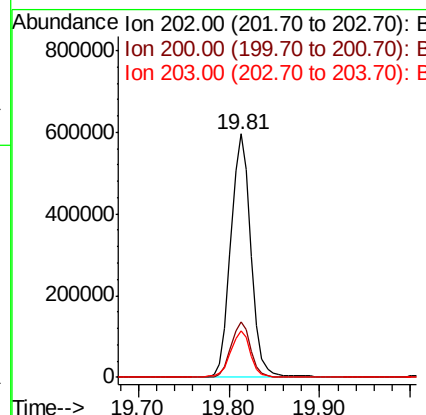
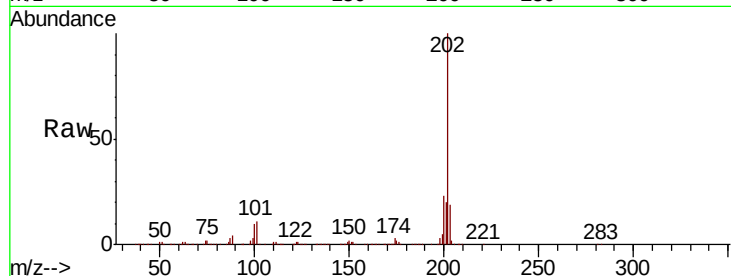
#77
Pvrene
Concen: 52.276 ng
RT: 19.81 min Scan# 2812
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.7	18.3	27.5
203	18.9	15.1	22.7

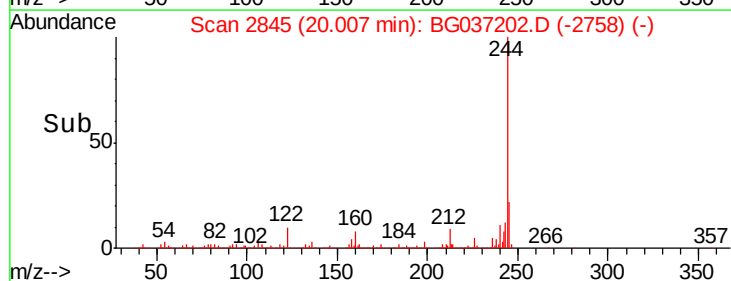
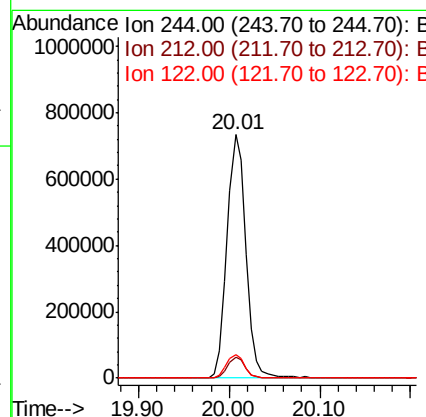
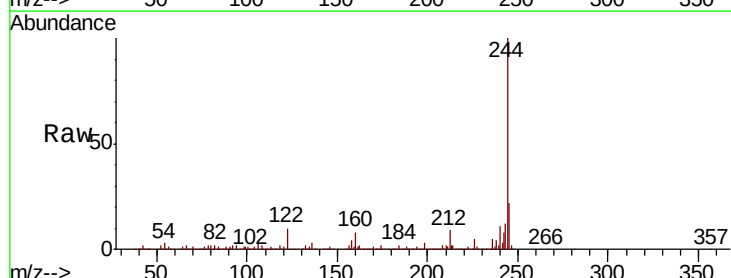
Manual Integrations
APPROVED

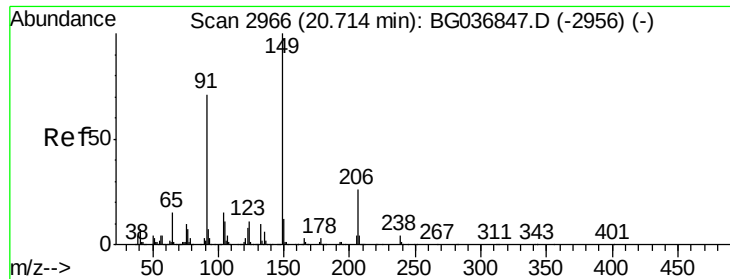
Sohil
10/8/2018 1:56:17 PM



#78
Terphenyl-d14
Concen: 94.943 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.6	7.1	10.7





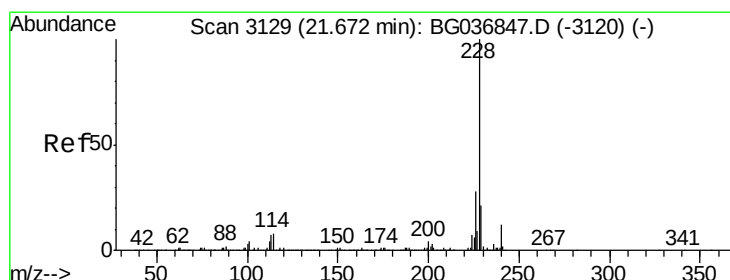
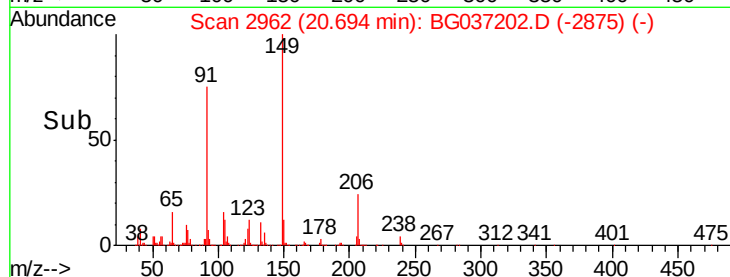
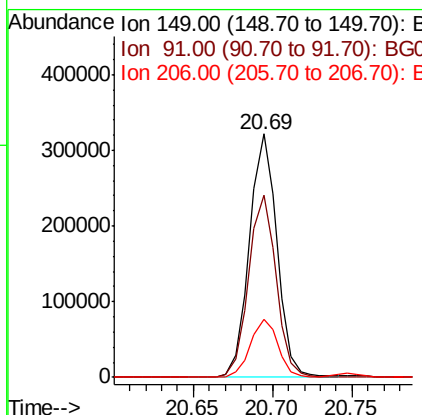
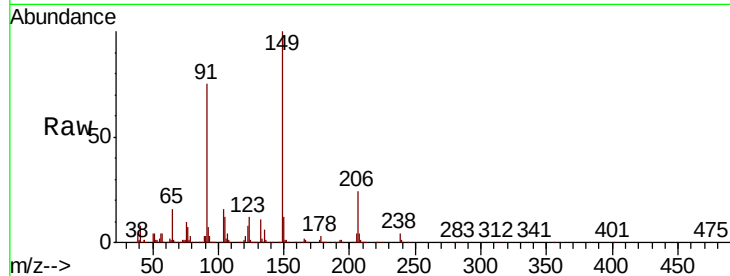
#79
Butylbenzylphthalate
Concen: 55.628 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	62.0	93.0
206	23.9	19.6	29.4

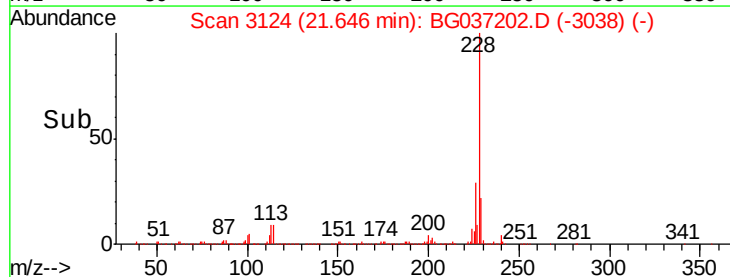
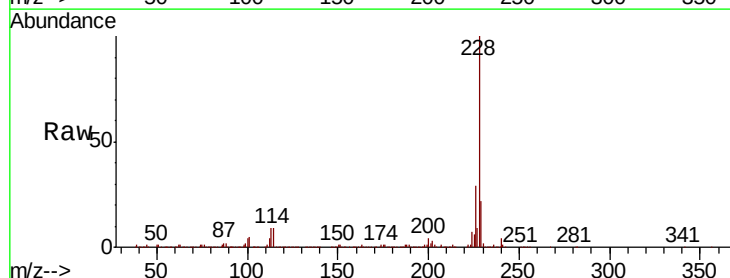
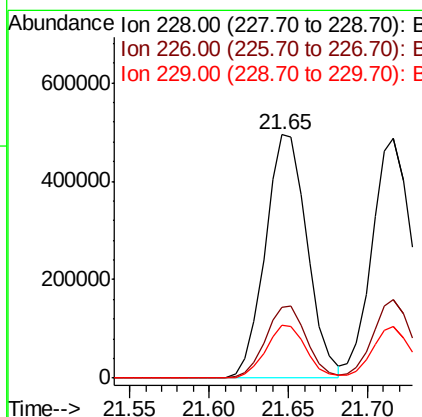
Manual Integrations
APPROVED

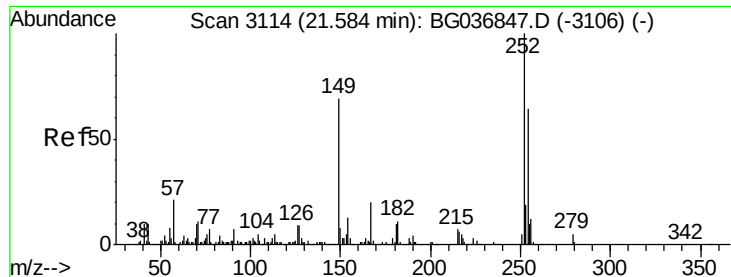
Sohil
10/8/2018 1:56:17 PM



#80
Benzo(a)anthracene
Concen: 53.090 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.6	17.1	25.7





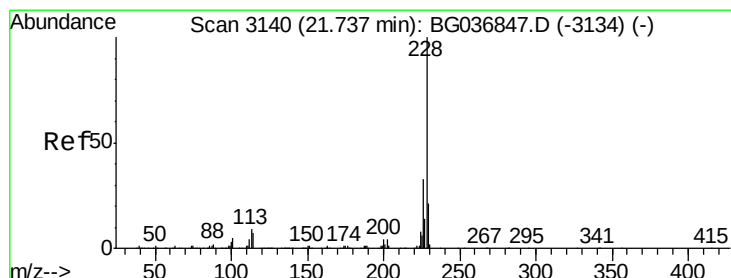
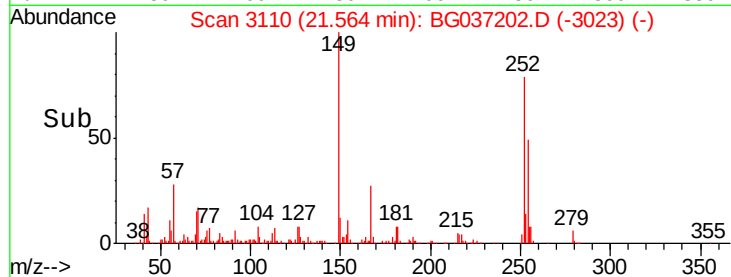
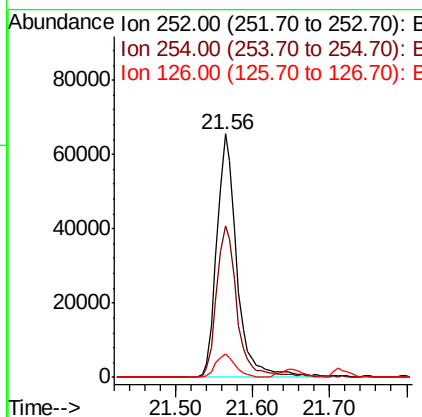
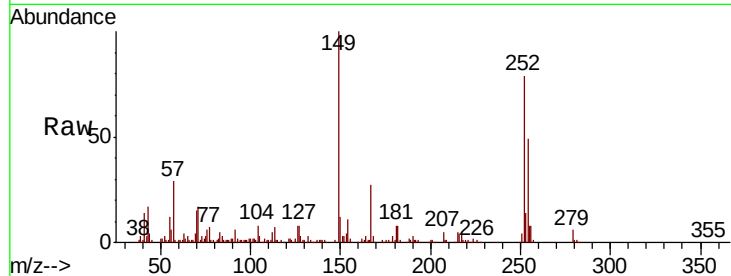
#81
 3,3'-Dichlorobenzidine
 Concen: 18.178 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.0	76.4
126	9.7	7.4	11.0

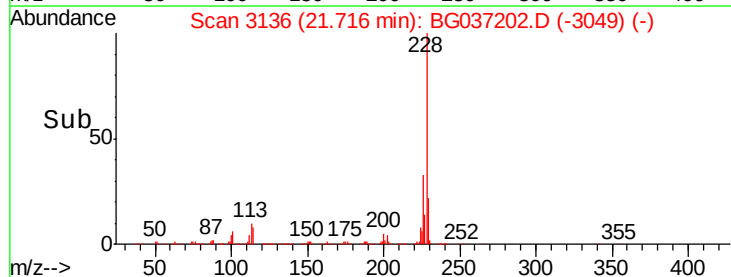
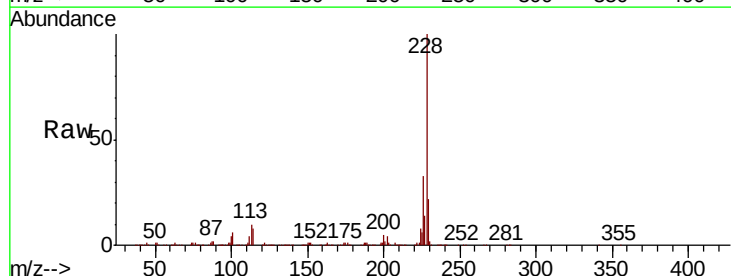
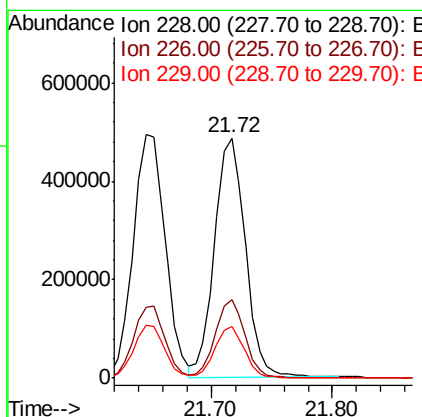
Manual Integrations
 APPROVED

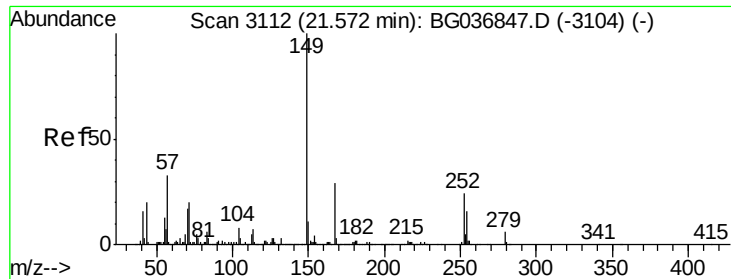
Sohil
 10/8/2018 1:56:17 PM



#82
 Chrysene
 Concen: 52.073 ng
 RT: 21.72 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.5	38.3
229	21.6	16.9	25.3





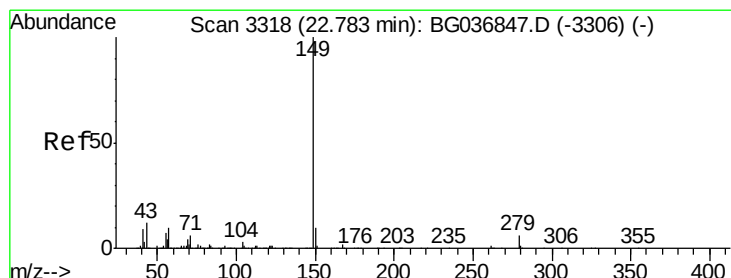
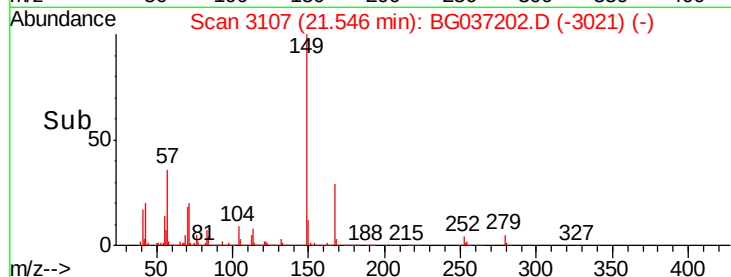
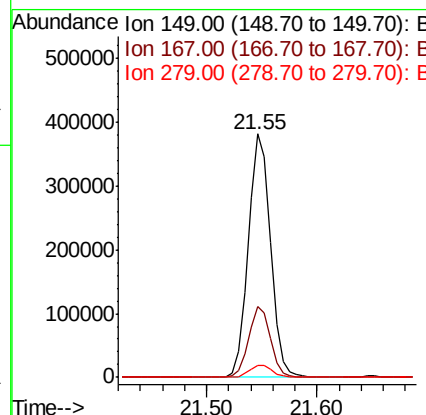
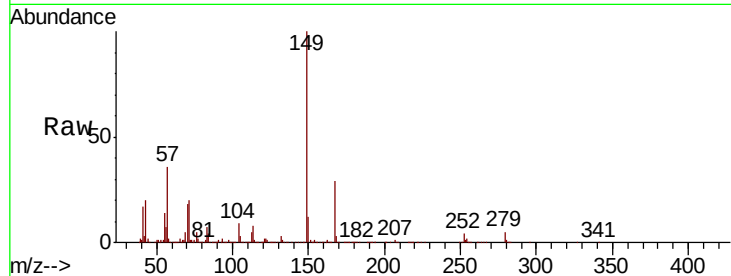
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.246 ng
 RT: 21.55 min Scan# 3107
 Delta R.T. -0.03 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.9	4.6	7.0

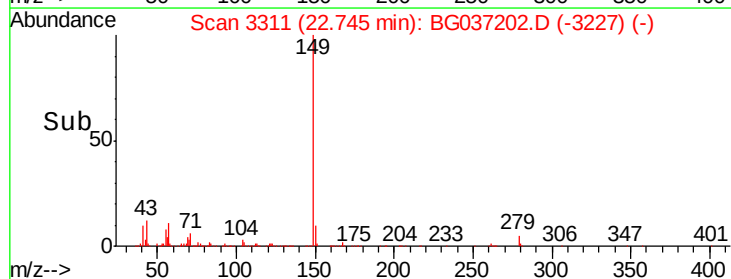
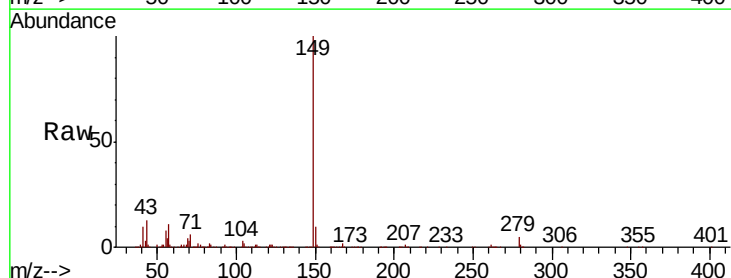
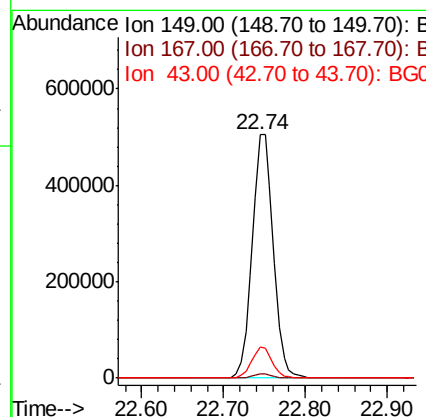
Manual Integrations
 APPROVED

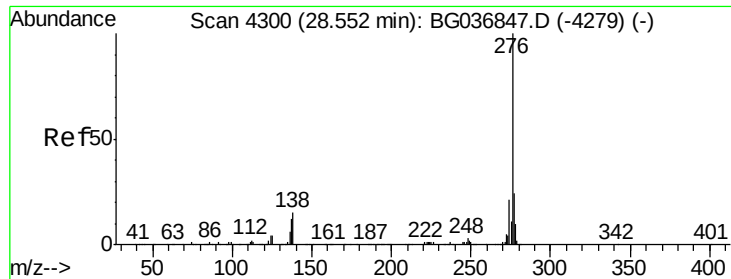
Sohil
 10/8/2018 1:56:17 PM



#84
 Di-n-octyl phthalate
 Concen: 56.081 ng
 RT: 22.74 min Scan# 3311
 Delta R.T. -0.04 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.0	15.0





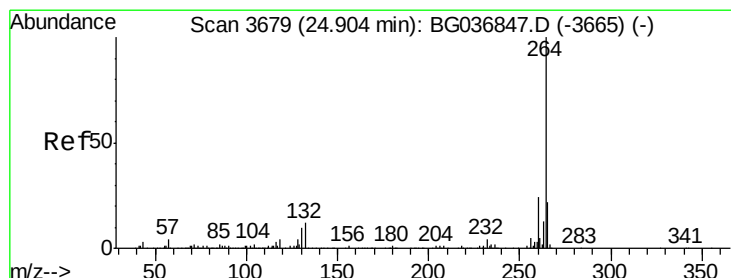
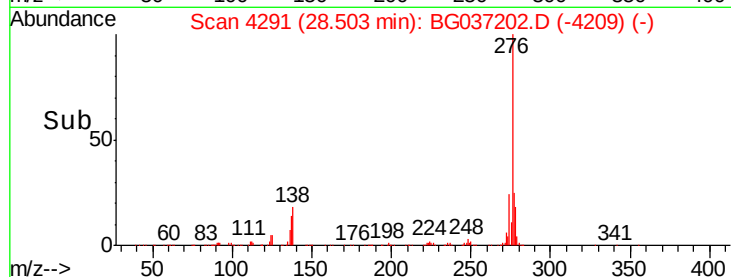
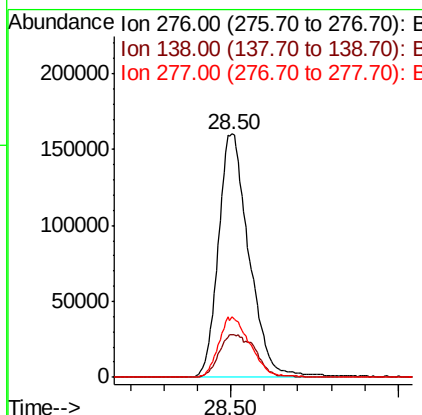
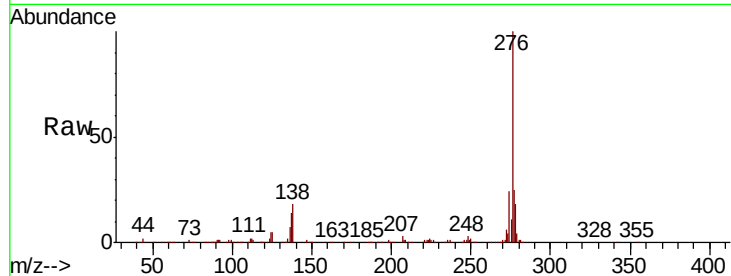
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.612 ng
 RT: 28.50 min Scan# 4291
 Delta R.T. -0.05 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	20.7	10.6	15.8	
277	25.2	20.6	30.8	

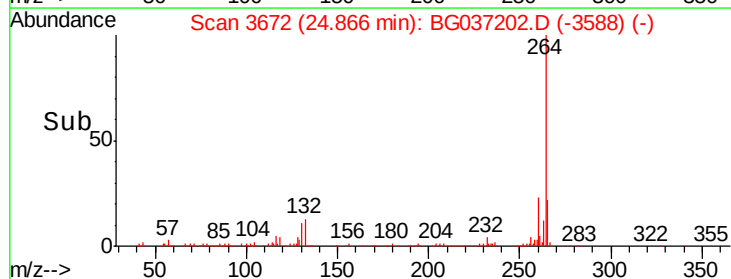
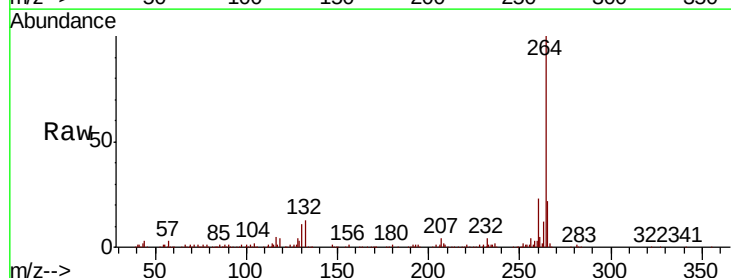
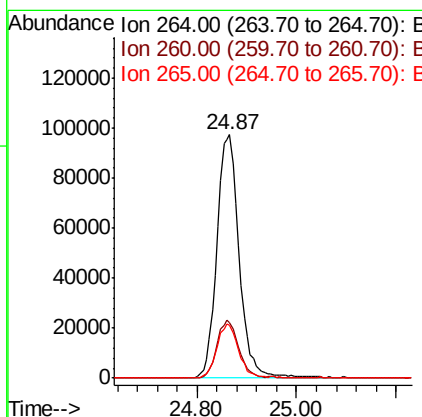
Manual Integrations
 APPROVED

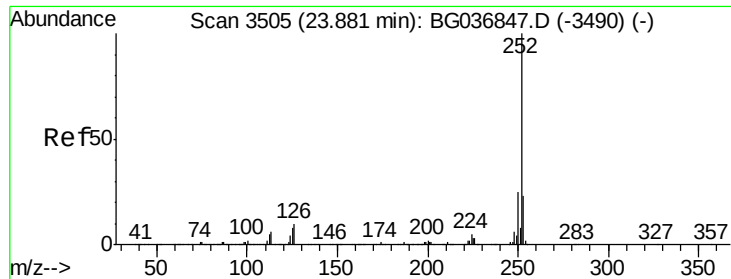
Sohil
 10/8/2018 1:56:17 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.7	19.6	29.4	
265	21.7	17.4	26.0	





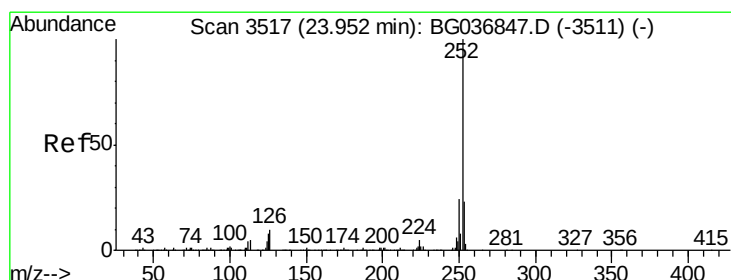
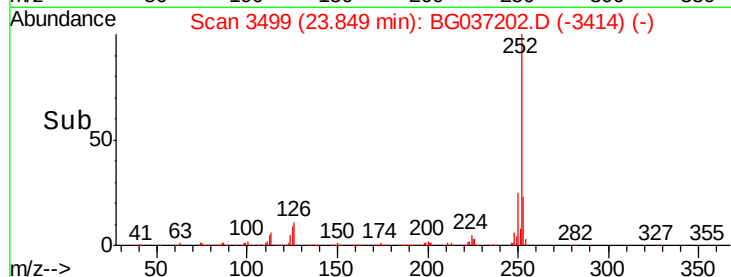
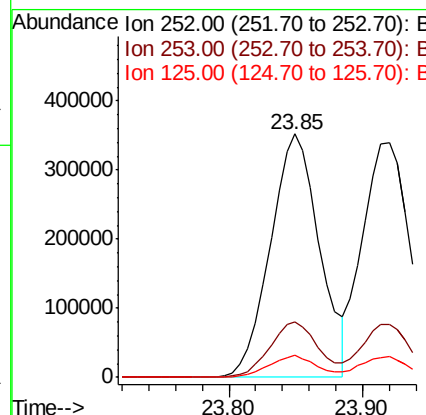
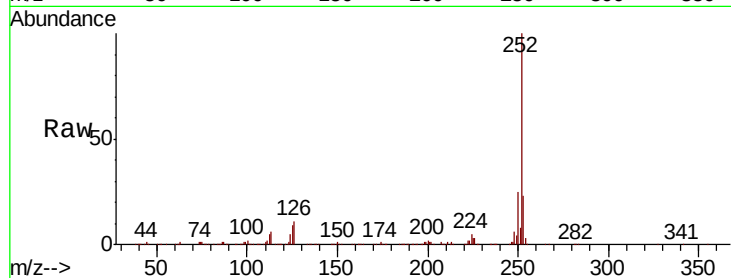
#87
Benzo(b)fluoranthene
Concen: 55.762 ng
RT: 23.85 min Scan# 3499
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.0	6.6	10.0

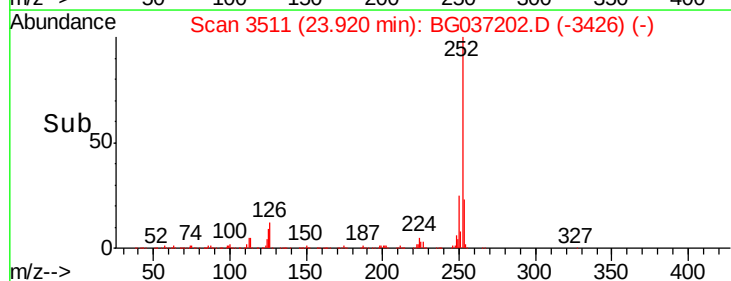
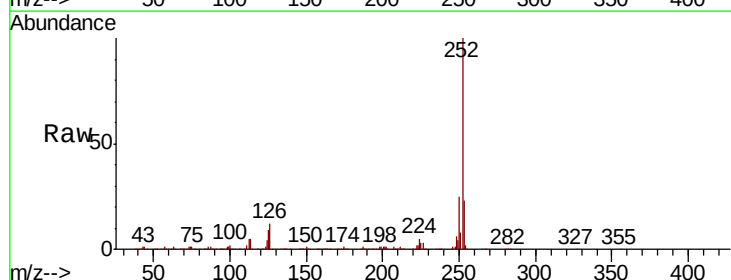
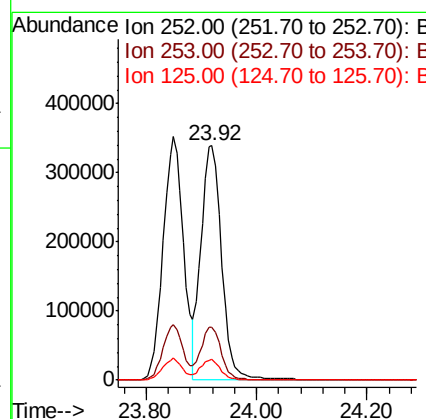
Manual Integrations
APPROVED

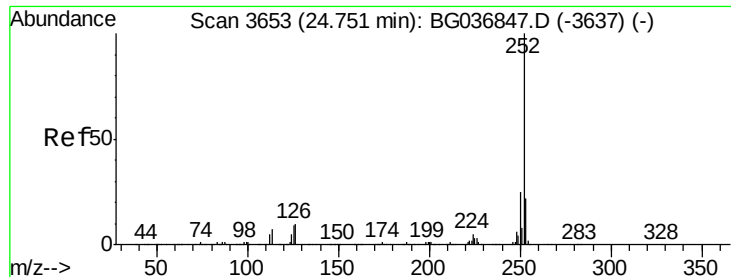
Sohil
10/8/2018 1:56:17 PM



#88
Benzo(k)fluoranthene
Concen: 53.685 ng
RT: 23.92 min Scan# 3511
Delta R.T. -0.03 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.1	7.0	10.6





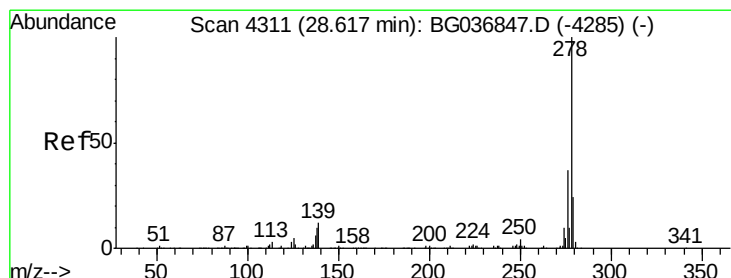
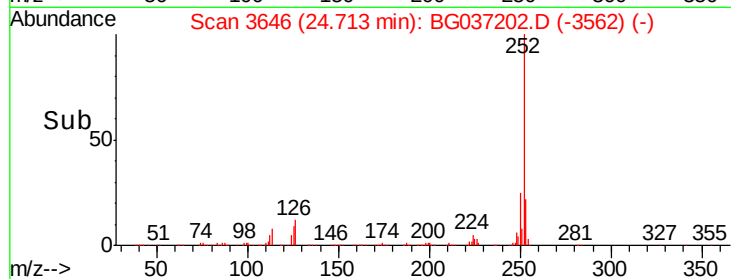
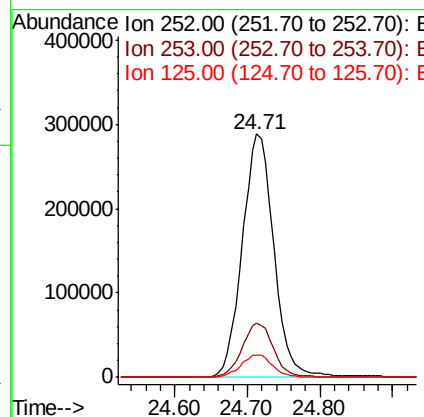
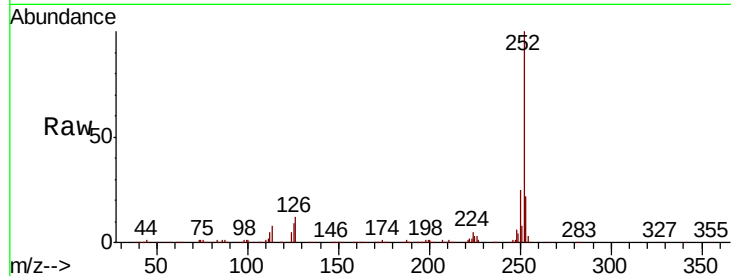
#89
Benzo(a)pyrene
Concen: 55.846 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.04 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.3	7.3	10.9

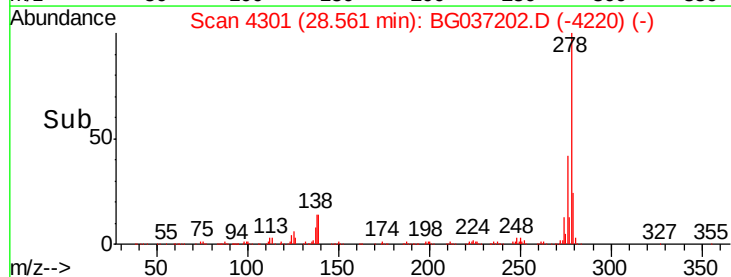
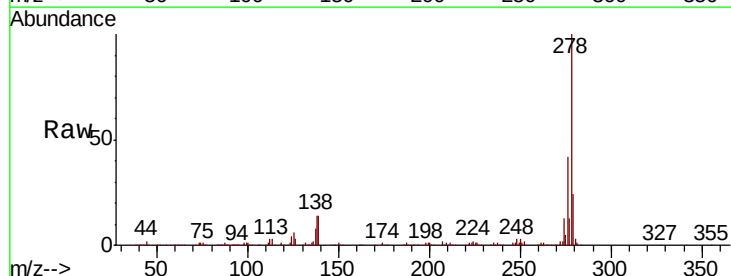
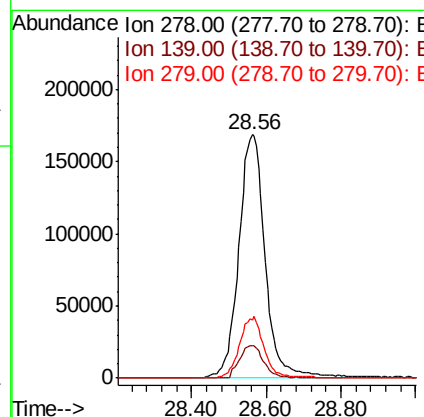
Manual Integrations
APPROVED

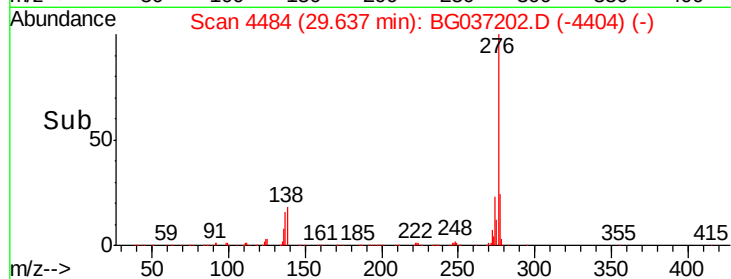
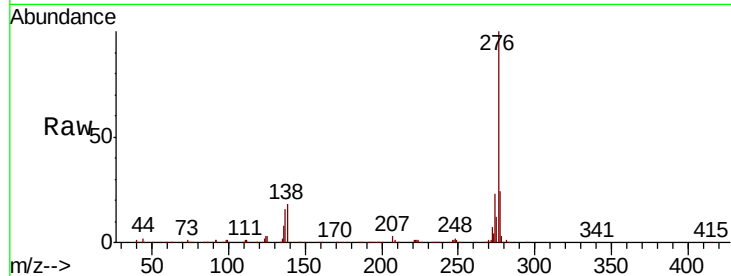
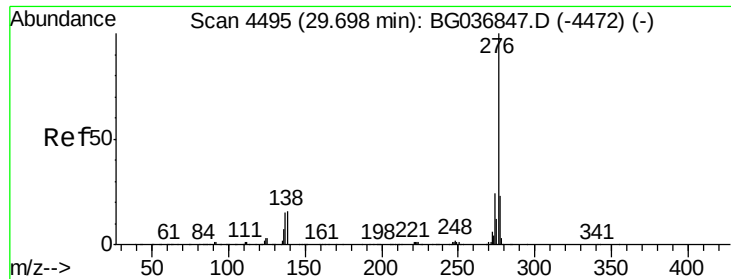
Sohil
10/8/2018 1:56:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.458 ng
RT: 28.56 min Scan# 4301
Delta R.T. -0.06 min
Lab File: BG037202.D
Acq: 5 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.0	16.4
279	24.0	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 57.508 ng
 RT: 29.64 min Scan# 4484
 Delta R.T. -0.06 min
 Lab File: BG037202.D
 Acq: 5 Oct 2018 23:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.4	18.4	27.6	
138	17.8	14.6	22.0	

Manual Integrations
 APPROVED

Sohil
 10/8/2018 1:56:17 PM

