

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032452.D
 Acq On : 30 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1367-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM

Quant Time: Jan 31 11:09:08 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29339	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	113577	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	80326	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	210235	20.00	ng	0.00
75) Chrysene-d12	22.41	240	266233	20.00	ng	0.00
86) Perylene-d12	26.08	264	296029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	236235	161.73	ng	0.00
7) Phenol-d6	7.84	99	292504	150.06	ng	0.00
23) Nitrobenzene-d5	9.91	82	178841	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	248889	162.78	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	617181	91.32	ng	-0.01
78) Terphenyl-d14	20.62	244	1197920	96.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	21647	44.047	ng	# 75
3) Pyridine	4.26	79	60695	45.738	ng	87
4) n-Nitrosodimethylamine	4.17	42	37881	54.837	ng	# 72
6) Aniline	8.01	93	65725	27.044	ng	96
8) 2-Chlorophenol	8.26	128	92523	53.586	ng	85
9) Benzaldehyde	7.81	77	32385	32.168	ng	91
10) Phenol	7.87	94	104078	56.227	ng	92
11) bis(2-Chloroethyl)ether	8.10	93	67610	47.937	ng	# 79
12) 1,3-Dichlorobenzene	8.60	146	110242	47.212	ng	97
13) 1,4-Dichlorobenzene	8.75	146	115187	49.217	ng	95
14) 1,2-Dichlorobenzene	9.08	146	106591	46.492	ng	95
15) Benzyl Alcohol	8.95	79	81228	50.564	ng	96
16) 2,2'-oxybis(1-Chloropropan	9.24	45	62151	46.504	ng	71
17) 2-Methylphenol	9.15	107	75913	50.495	ng	93
18) Hexachloroethane	9.83	117	37980	48.335	ng	# 80
19) n-Nitroso-di-n-propylamine	9.52	70	57467	44.466	ng	# 89
20) 3+4-Methylphenols	9.49	107	103229	48.952	ng	95
22) Acetophenone	9.56	105	131053	49.224	ng	# 90
24) Nitrobenzene	9.96	77	92938	52.856	ng	91
25) Isophorone	10.48	82	165694	53.515	ng	# 83
26) 2-Nitrophenol	10.68	139	57474	54.072	ng	# 84
27) 2,4-Dimethylphenol	10.72	122	95871	62.841	ng	95
28) bis(2-Chloroethoxy)methane	10.96	93	97454	57.398	ng	# 95
29) 2,4-Dichlorophenol	11.23	162	117363	58.071	ng	91
30) 1,2,4-Trichlorobenzene	11.45	180	132840	49.316	ng	92
31) Naphthalene	11.65	128	285042	51.385	ng	99
32) Benzoic acid	10.82	122	6538	12.156	ng	# 77
33) 4-Chloroaniline	11.74	127	64026	25.878	ng	# 92
34) Hexachlorobutadiene	11.91	225	100385	47.900	ng	97
35) Caprolactam	12.49	113	33125	57.095	ng	# 42
36) 4-Chloro-3-methylphenol	12.83	107	110585	57.686	ng	# 82
37) 2-Methylnaphthalene	13.21	142	236354	50.717	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	186963	49.752	ng	96
40) Hexachlorocyclopentadiene	13.54	237	214781	91.476	ng	92

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032452.D
 Acq On : 30 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1367-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

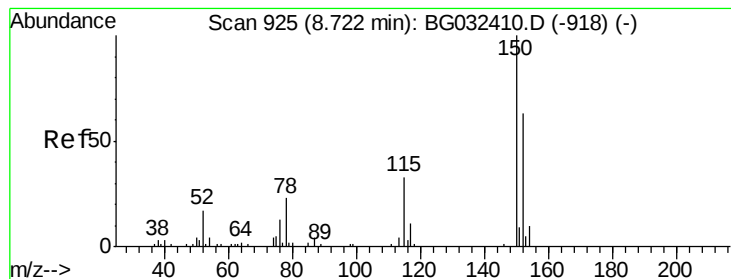
Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM

Quant Time: Jan 31 11:09:08 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	121198	59.293	ng	97
43) 2,4,5-Trichlorophenol	13.87	196	129278m	54.254	ng	
45) 1,1'-Biphenyl	14.18	154	340803	50.219	ng	96
46) 2-Chloronaphthalene	14.24	162	268464	50.472	ng	96
47) 2-Nitroaniline	14.43	65	64496	54.832	ng	# 72
48) Acenaphthylene	15.08	152	402699	50.080	ng	98
49) Dimethylphthalate	14.78	163	421576	56.920	ng	99
50) 2,6-Dinitrotoluene	14.91	165	83386	53.641	ng	# 80
51) Acenaphthene	15.41	154	292822	52.509	ng	99
52) 3-Nitroaniline	15.24	138	44768	32.971	ng	# 76
53) 2,4-Dinitrophenol	15.44	184	57873	60.686	ng	# 67
54) Dibenzofuran	15.74	168	431906	52.327	ng	99
55) 4-Nitrophenol	15.54	139	119662	117.716	ng	# 75
56) 2,4-Dinitrotoluene	15.69	165	122475	55.335	ng	# 67
57) Fluorene	16.39	166	348966	50.878	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	138086	58.756	ng	# 84
59) Diethylphthalate	16.12	149	367719	50.976	ng	97
60) 4-Chlorophenyl-phenylether	16.36	204	221142	51.130	ng	95
61) 4-Nitroaniline	16.40	138	72173	49.592	ng	80
62) Azobenzene	16.66	77	225125	52.223	ng	83
64) 4,6-Dinitro-2-methylphenol	16.45	198	73184	46.596	ng	72
65) n-Nitrosodiphenylamine	16.57	169	323570	51.572	ng	99
66) 4-Bromophenyl-phenylether	17.26	248	161656	51.902	ng	95
67) Hexachlorobenzene	17.38	284	174903	50.744	ng	# 93
68) Atrazine	17.50	200	158917	59.003	ng	97
69) Pentachlorophenol	17.73	266	214029	99.124	ng	100
70) Phenanthrene	18.13	178	592172	50.509	ng	98
71) Anthracene	18.21	178	616253	52.789	ng	98
72) Carbazole	18.48	167	536191	51.984	ng	98
73) Di-n-butylphthalate	18.98	149	610813	53.487	ng	99
74) Fluoranthene	20.09	202	793604	51.615	ng	94
76) Benzidine	20.25	184	350056	66.961	ng	100
77) Pyrene	20.45	202	793144	48.572	ng	99
79) Butylbenzylphthalate	21.30	149	279657	54.296	ng	# 75
80) Benzo(a)anthracene	22.39	228	856266	51.879	ng	98
81) 3,3'-Dichlorobenzidine	22.28	252	188619	29.496	ng	# 95
82) Chrysene	22.46	228	803219	50.392	ng	97
83) Bis(2-ethylhexyl)phthalate	22.23	149	395867	54.206	ng	# 98
84) Di-n-octyl phthalate	23.60	149	687542	59.355	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.35	276	1092941	54.203	ng	# 86
87) Benzo(b)fluoranthene	24.91	252	921949	51.544	ng	# 93
88) Benzo(k)fluoranthene	24.99	252	891909	50.336	ng	# 95
89) Benzo(a)pyrene	25.92	252	889042	52.136	ng	# 95
90) Dibenzo(a,h)anthracene	30.43	278	920358	52.760	ng	# 93
91) Benzo(g,h,i)perylene	31.69	276	902307	52.112	ng	# 91

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



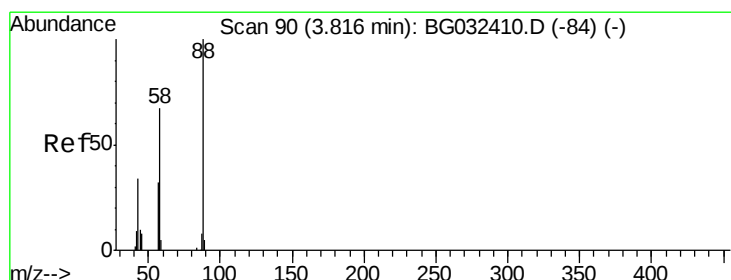
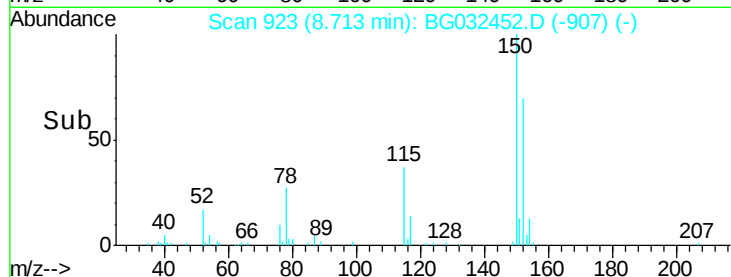
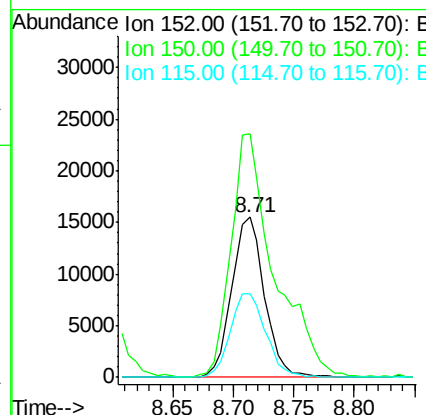
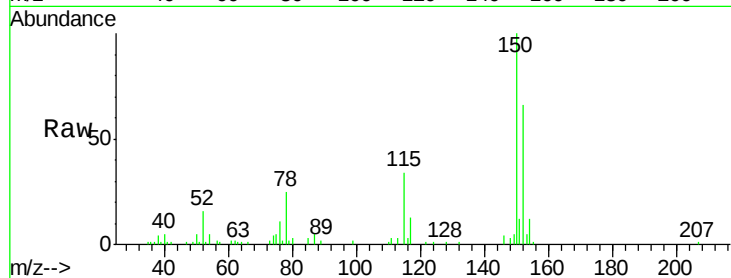
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.6	189.8
115	52.1	53.0	79.4

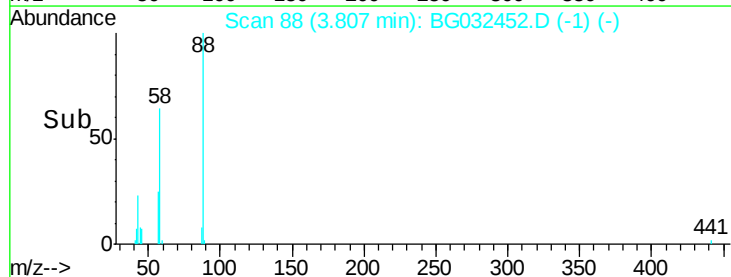
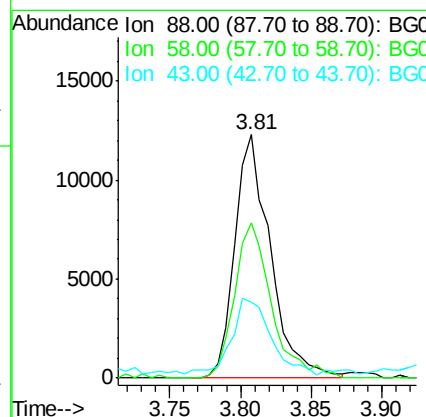
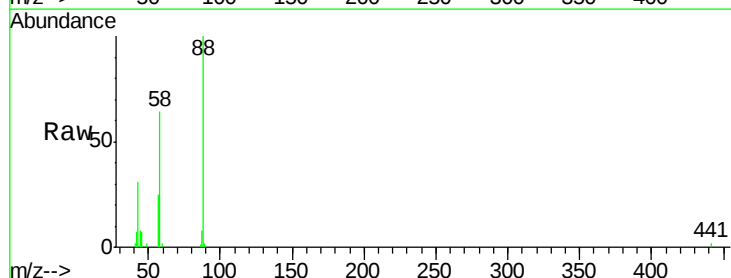
Manual Integrations
 APPROVED

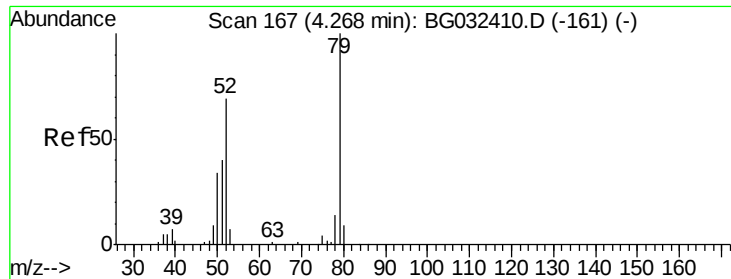
Sohil
 1/31/2018 8:31:11 PM



#2
 1,4-Dioxane
 Concen: 44.047 ng
 RT: 3.81 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	79.6	119.4
43	34.2	27.4	41.0





#3

Pyridine

Concen: 45.738 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

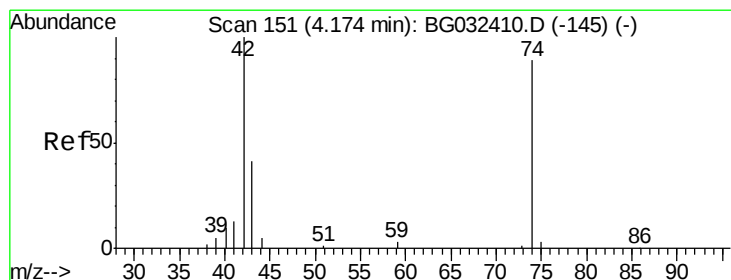
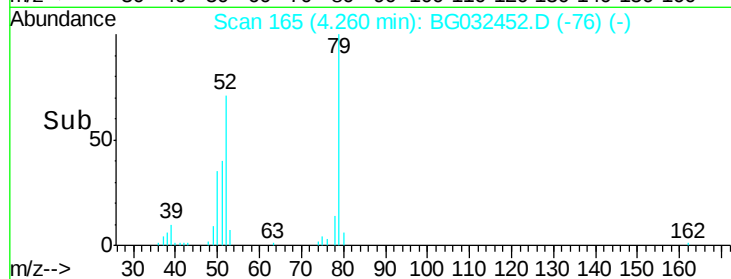
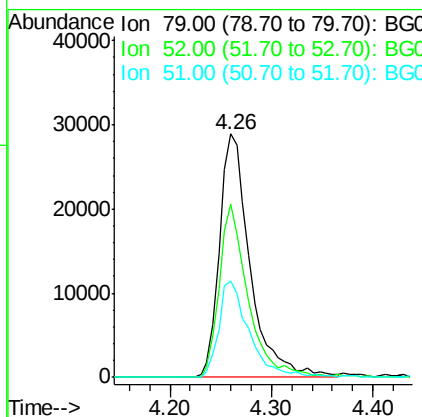
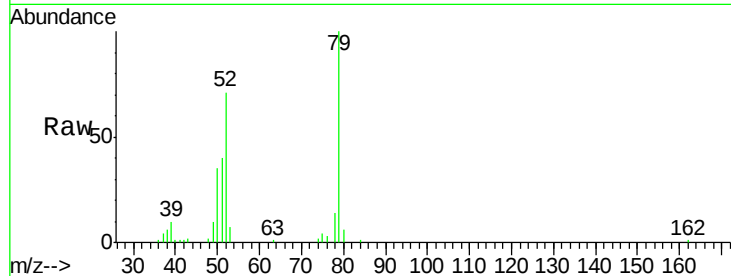
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion:	79	Resp:	60695
Ion	Ratio	Lower	Upper
79	100		
52	71.2	69.9	104.9
51	39.8	34.0	51.0

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#4

n-Nitrosodimethylamine

Concen: 54.837 ng

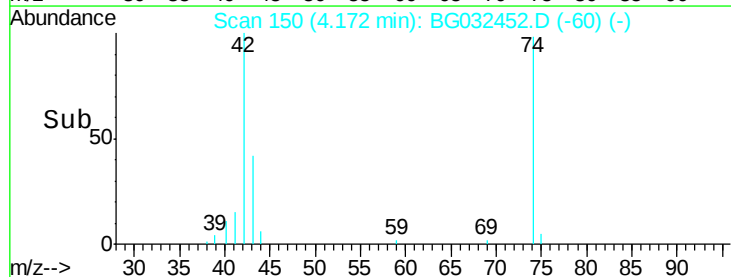
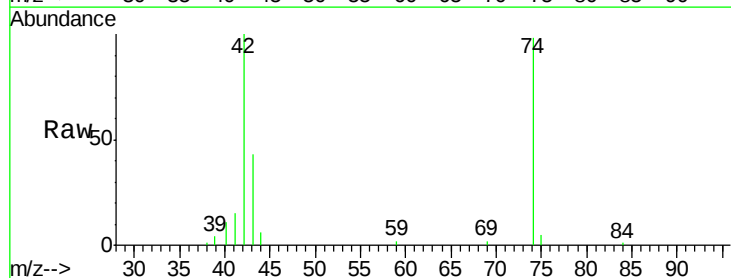
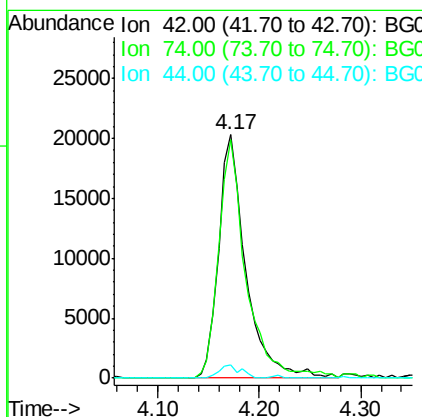
RT: 4.17 min Scan# 150

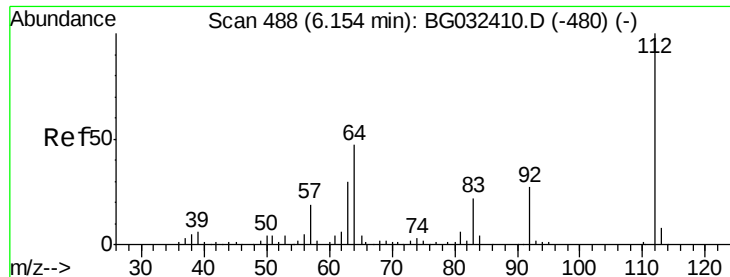
Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	42	Resp:	37881
Ion	Ratio	Lower	Upper
42	100		
74	98.0	102.5	153.7#
44	5.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 161.727 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

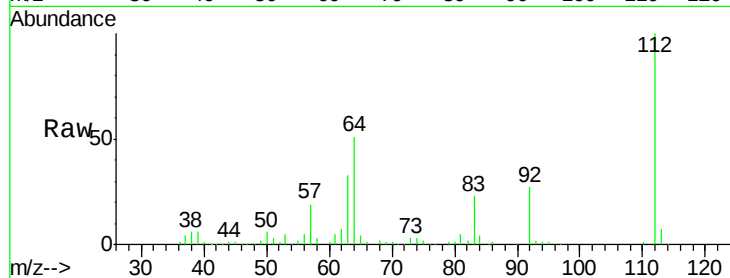
ClientSampleId :

EPE-106-5(100-102)MSD

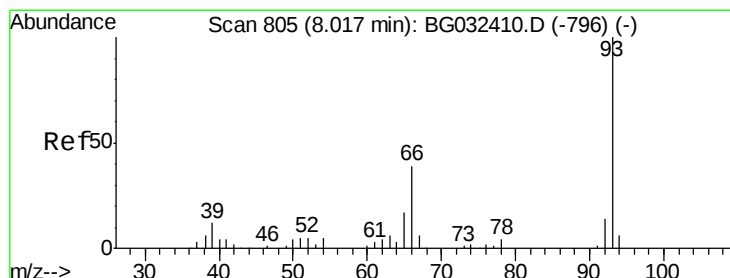
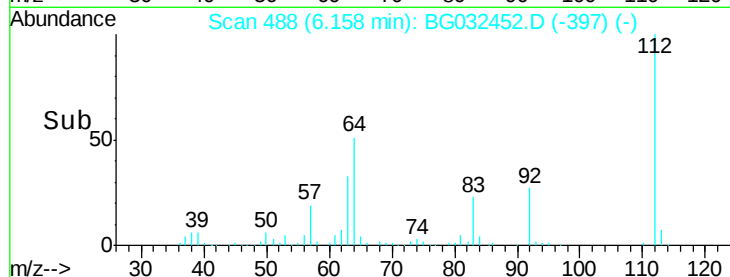
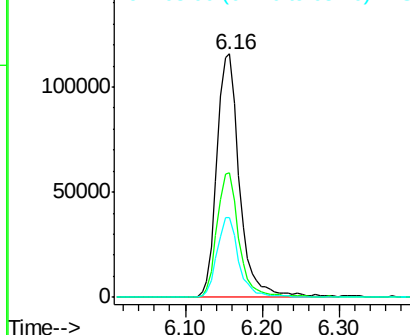
Tgt Ion:	112	Resp:	236235
Ion Ratio	Lower	Upper	
112	100		
64	51.2	56.3	84.5#
63	32.5	30.1	45.1

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.044 ng

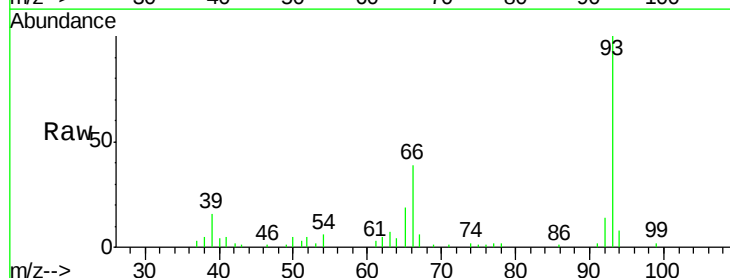
RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

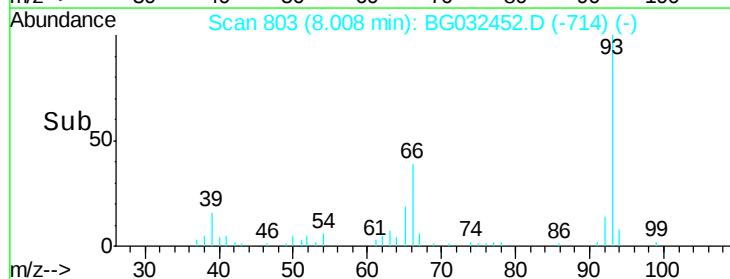
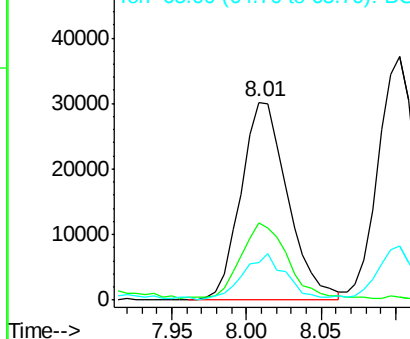
Lab File: BG032452.D

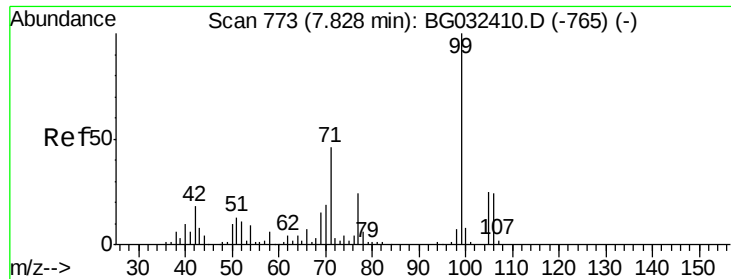
Acq: 30 Jan 2018 21:37

Tgt Ion:	93	Resp:	65725
Ion Ratio	Lower	Upper	
93	100		
66	39.0	33.7	50.5
65	19.0	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.065 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

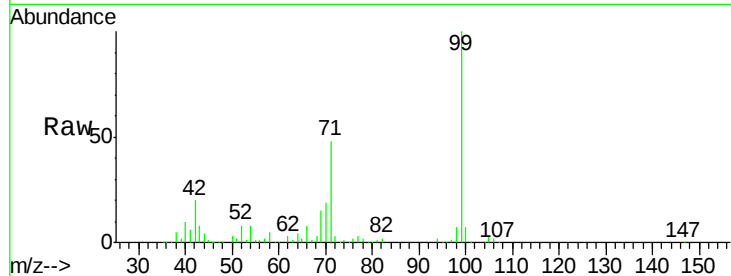
ClientSampleId :

EPE-106-5(100-102)MSD

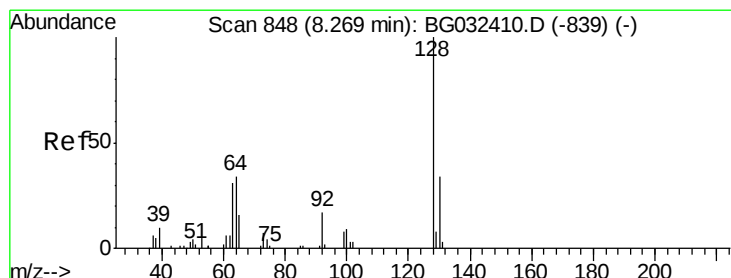
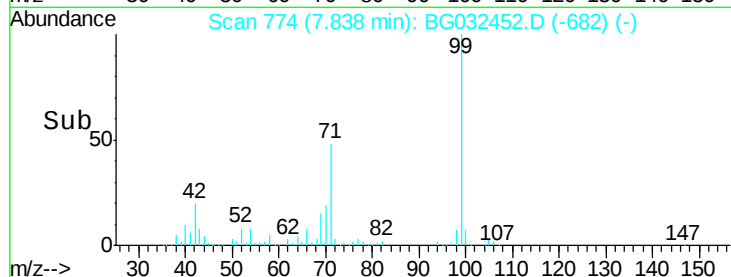
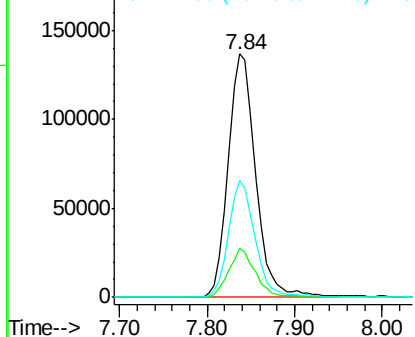
Tgt Ion:	99	Resp:	292504
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.1	21.1
71	48.0	26.1	39.1#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 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: 53.586 ng

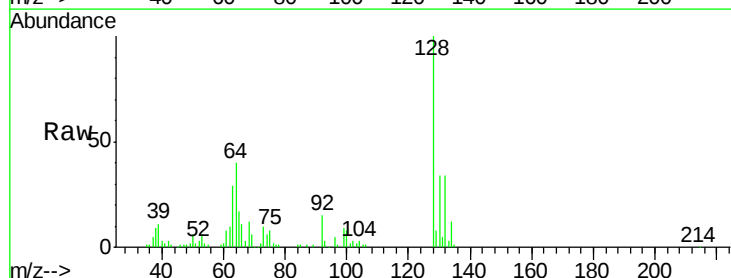
RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

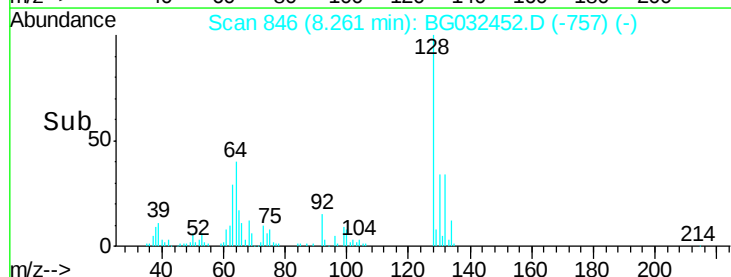
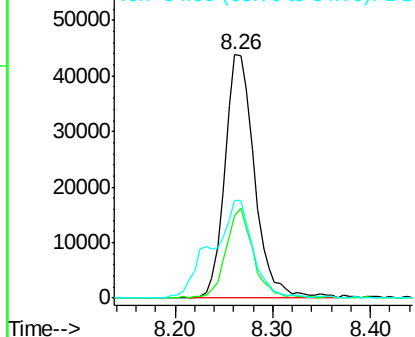
Lab File: BG032452.D

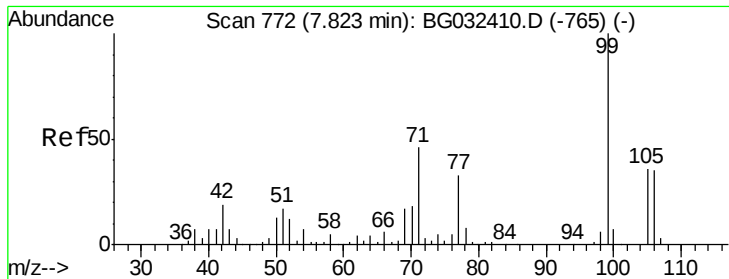
Acq: 30 Jan 2018 21:37

Tgt Ion:	128	Resp:	92523
Ion Ratio	Lower	Upper	
128	100		
130	33.7	14.0	54.0
64	40.0	37.7	77.7



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: 32.168 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032452.D

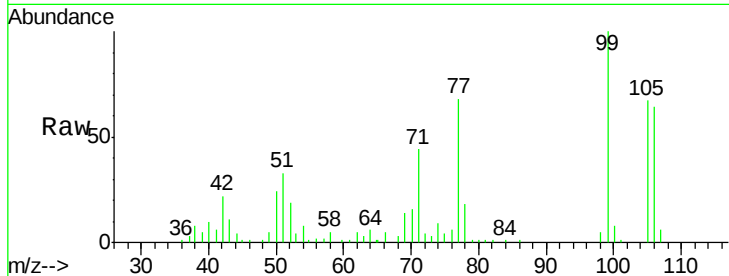
Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MSD



Tgt Ion: 77 Resp: 32385

Ion Ratio Lower Upper

77 100

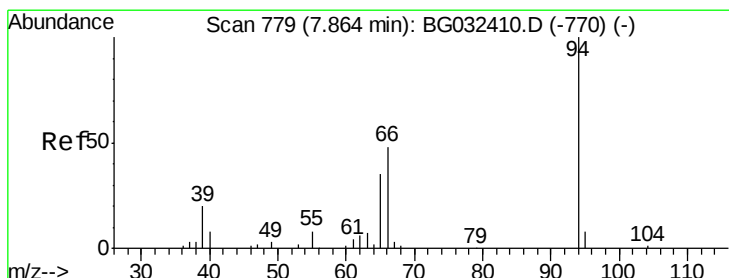
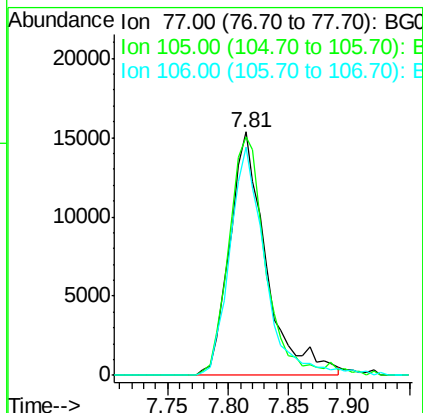
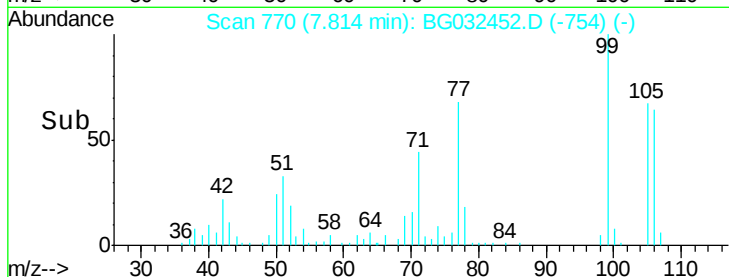
105 98.1 71.3 111.3

106 93.9 64.2 104.2

Manual Integrations
APPROVED

Sohil

1/31/2018 8:31:11 PM



#10

Phenol

Concen: 56.227 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

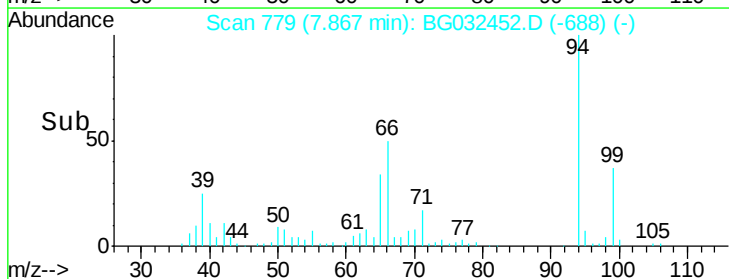
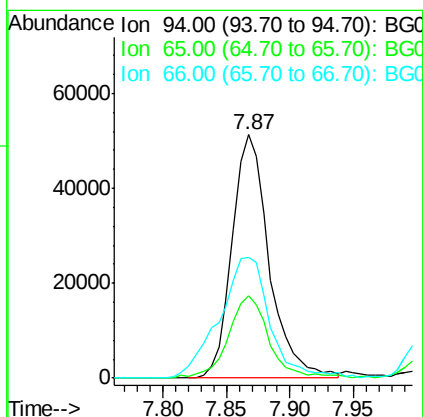
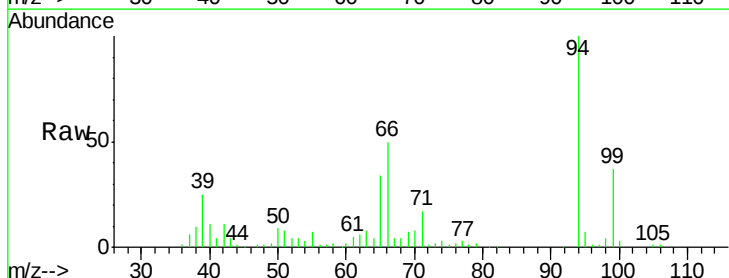
Tgt Ion: 94 Resp: 104078

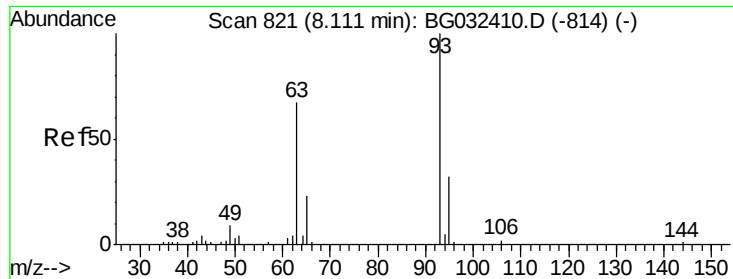
Ion Ratio Lower Upper

94 100

65 34.1 11.9 51.9

66 49.5 22.2 62.2





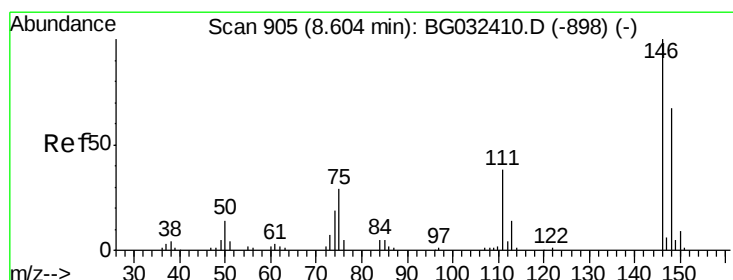
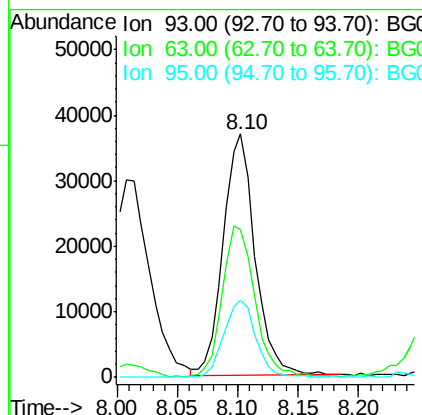
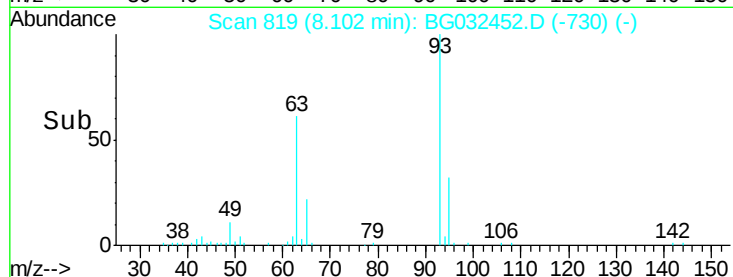
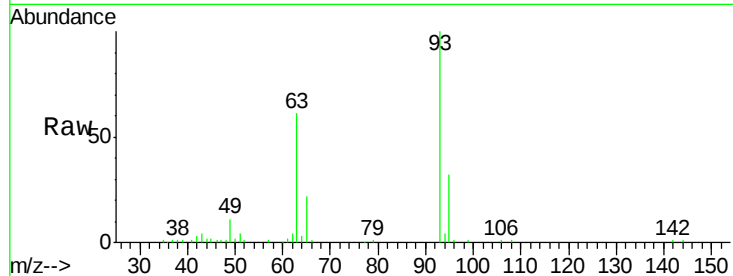
#11
bis(2-Chloroethyl)ether
Concen: 47.937 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	60.7	67.1	107.1#
95	31.8	11.5	51.5

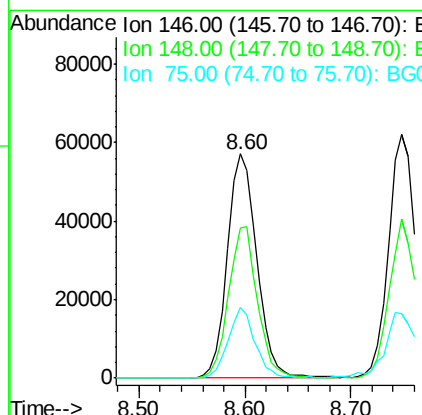
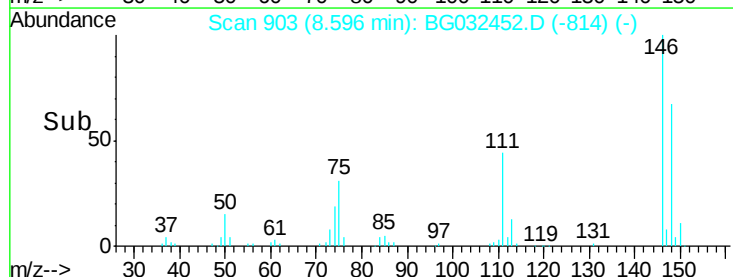
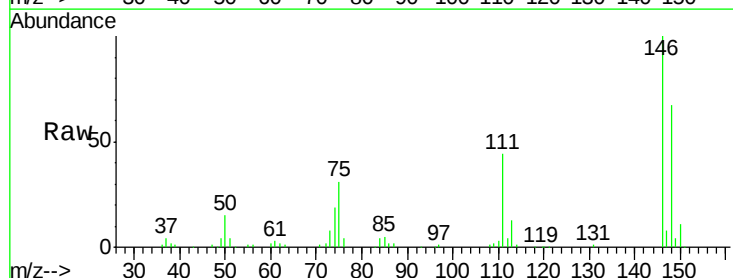
Manual Integrations
APPROVED

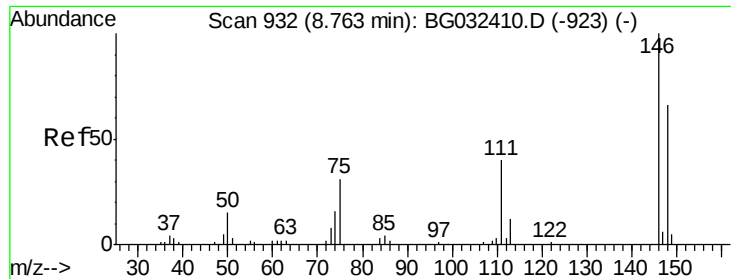
Sohil
1/31/2018 8:31:11 PM



#12
1,3-Dichlorobenzene
Concen: 47.212 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.4	77.2
75	31.5	26.6	39.8





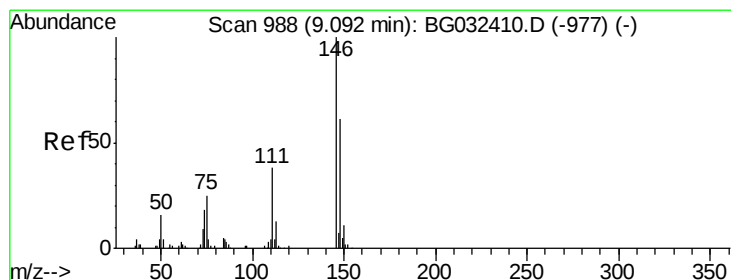
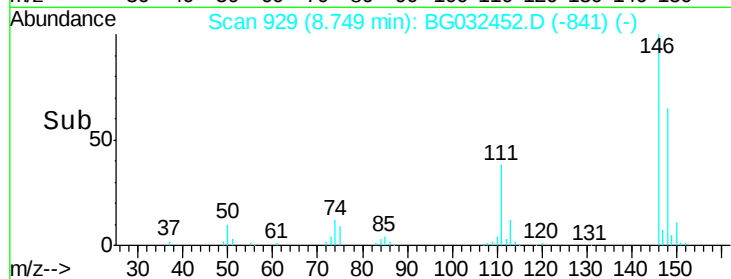
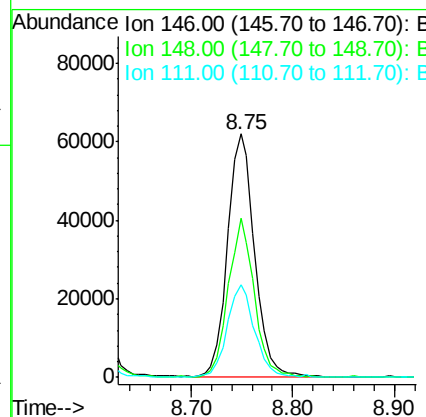
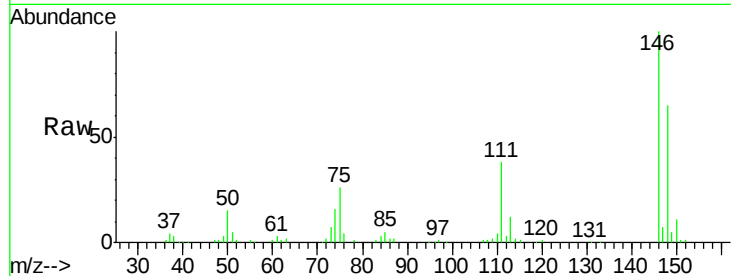
#13
 1,4-Dichlorobenzene
 Concen: 49.217 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.7	80.5
111	37.9	35.2	52.8

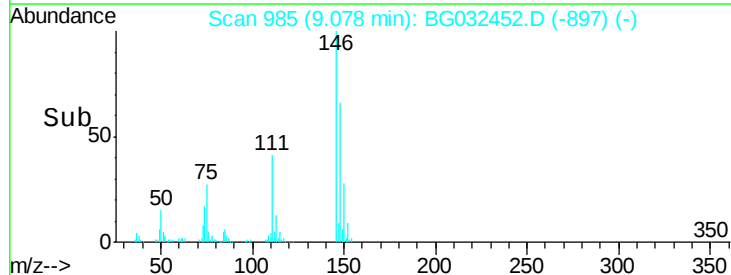
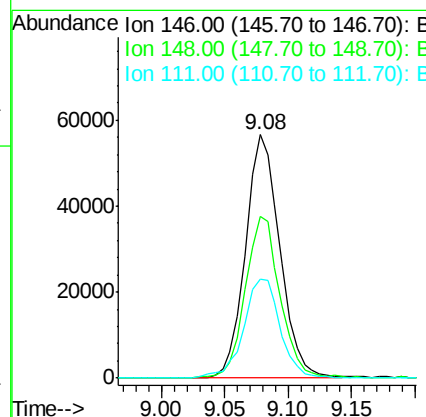
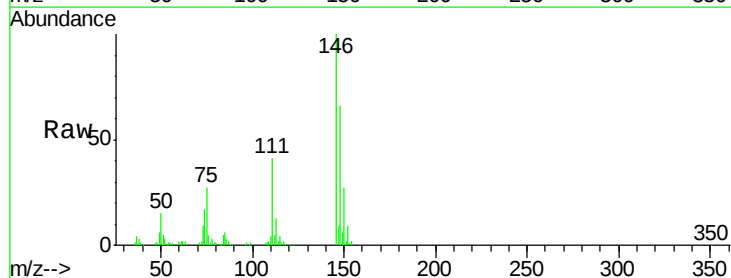
Manual Integrations
 APPROVED

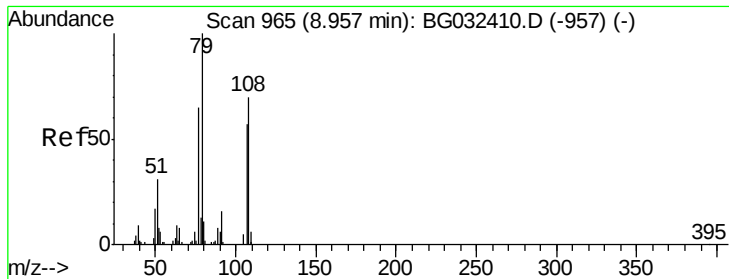
Sohil
 1/31/2018 8:31:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.492 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.3	73.9
111	40.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 50.564 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

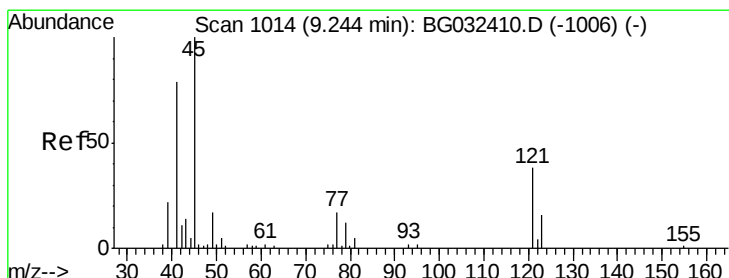
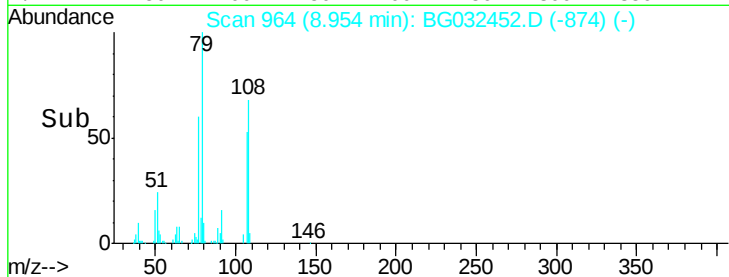
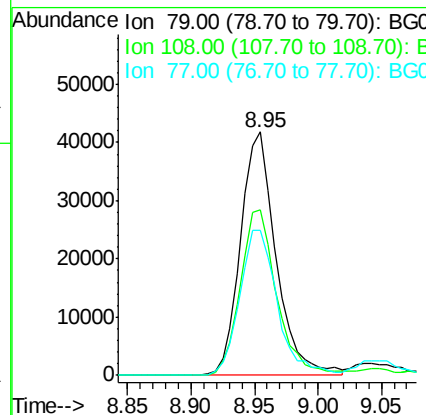
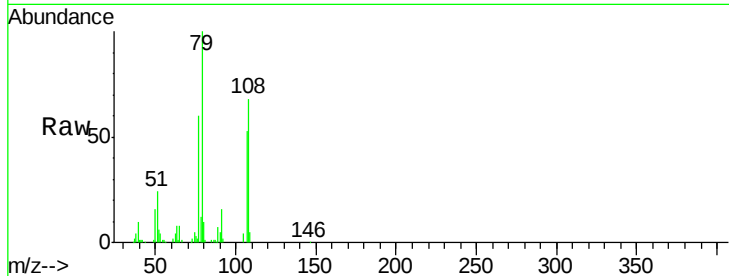
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion:	79	Resp:	81228
Ion Ratio	Lower	Upper	
79	100		
108	68.0	57.2	85.8
77	59.6	46.1	69.1

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.504 ng

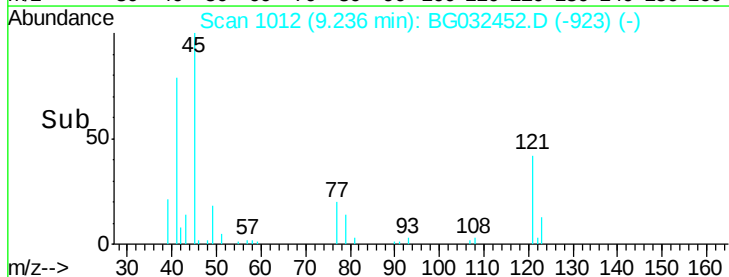
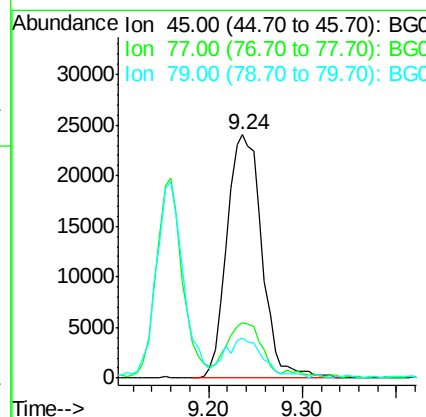
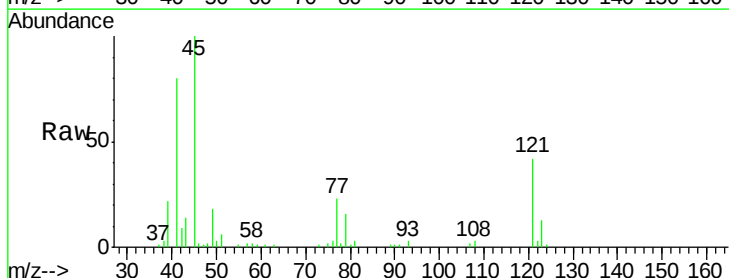
RT: 9.24 min Scan# 1012

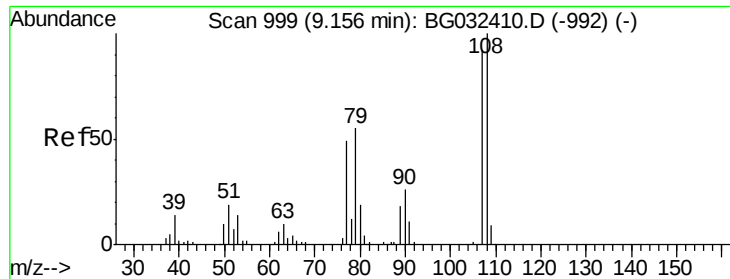
Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	45	Resp:	62151
Ion Ratio	Lower	Upper	
45	100		
77	22.8	0.0	30.2
79	16.3	0.0	27.9





#17

2-Methylphenol

Concen: 50.495 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG032452.D

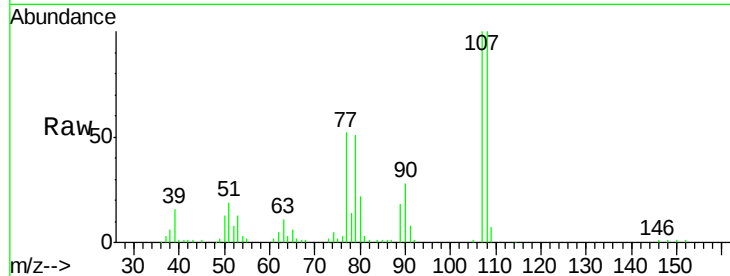
Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MSD



Tgt Ion:107 Resp: 75913

Ion Ratio Lower Upper

107 100

108 99.8 83.9 125.9

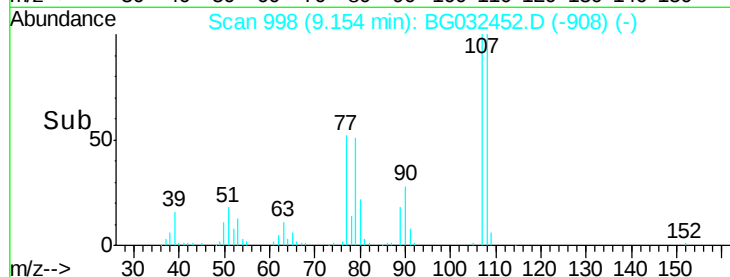
77 52.0 37.2 55.8

79 51.4 36.2 54.2

Manual Integrations
APPROVED

Sohil

1/31/2018 8:31:11 PM



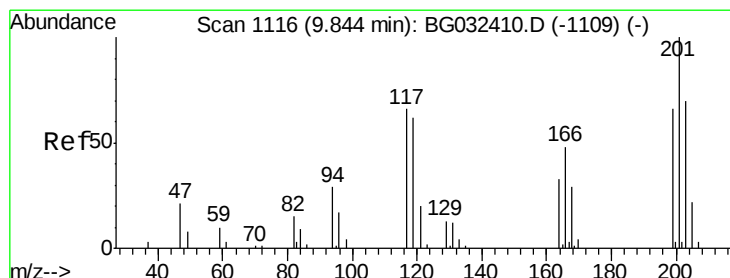
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



#18

Hexachloroethane

Concen: 48.335 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

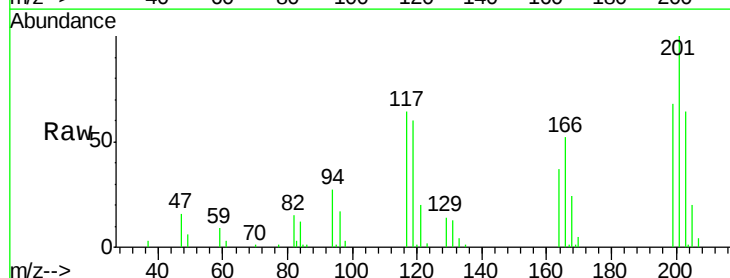
Tgt Ion:117 Resp: 37980

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

201 157.3 95.7 143.5#

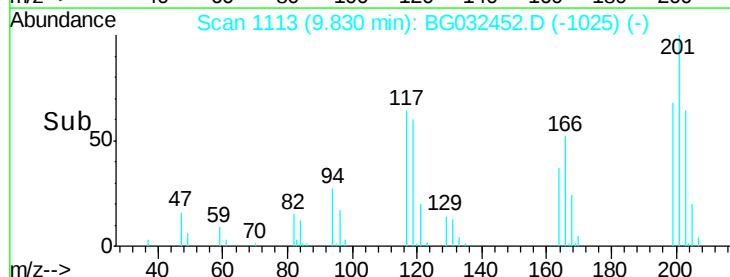


Abundance Ion 117.00 (116.70 to 117.70): E

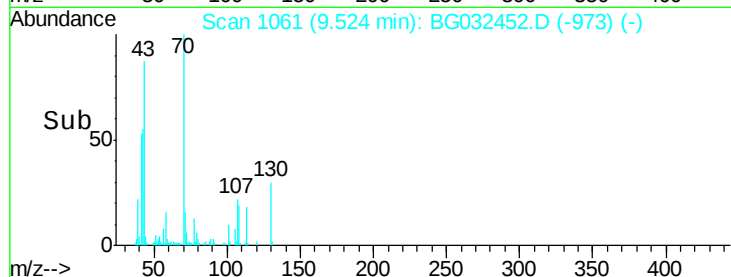
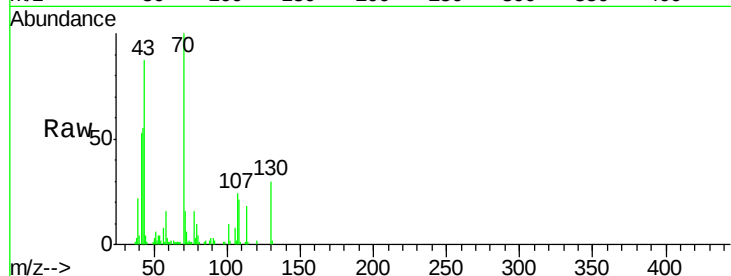
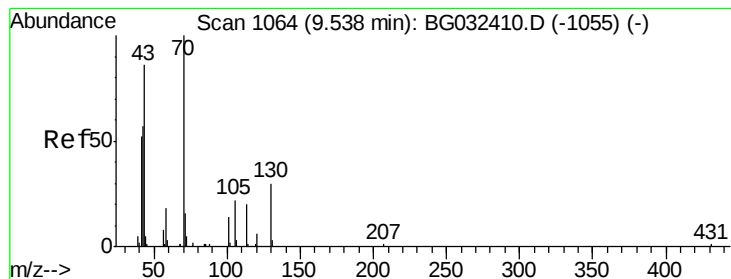
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 44.466 ng

RT: 9.52 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

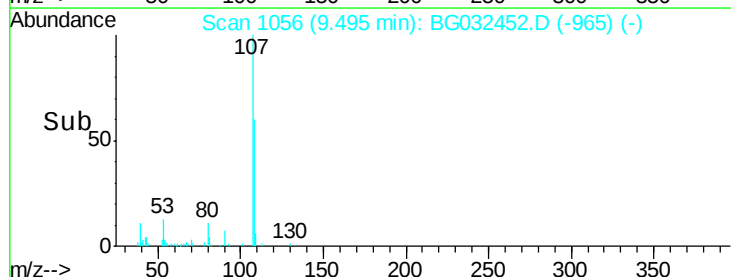
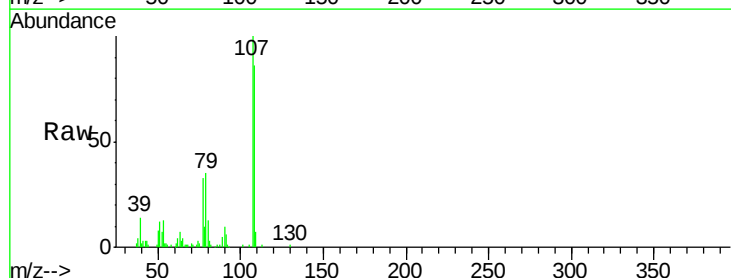
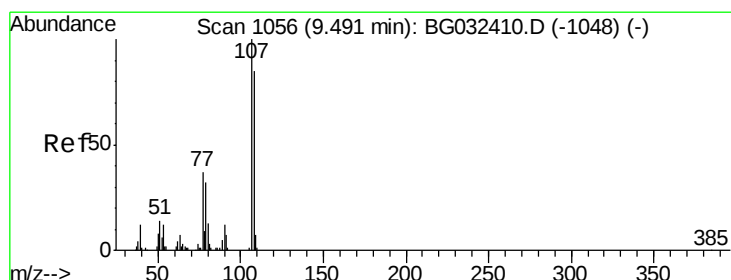
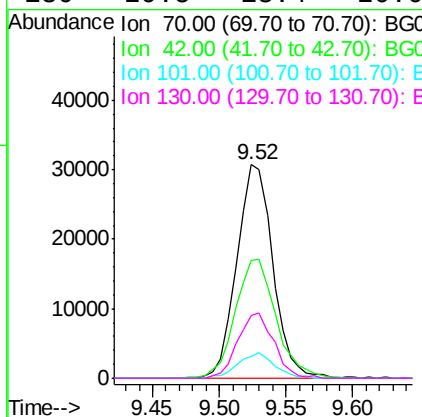
EPE-106-5(100-102)MSD

Manual Integrations
APPROVED

Sohil

1/31/2018 8:31:11 PM

Tgt Ion:	70	Resp:	57467
Ion	Ratio	Lower	Upper
70	100		
42	55.3	49.1	73.7
101	10.2	8.5	12.7
130	29.5	13.4	20.0#



#20

3+4-Methylphenols

Concen: 48.952 ng

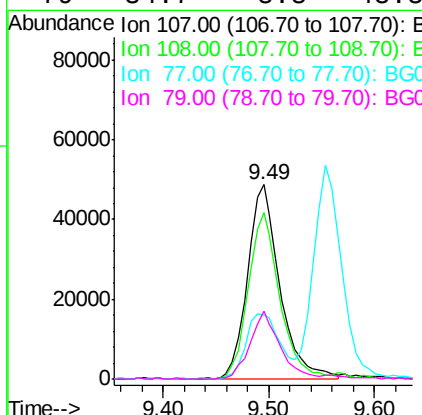
RT: 9.49 min Scan# 1056

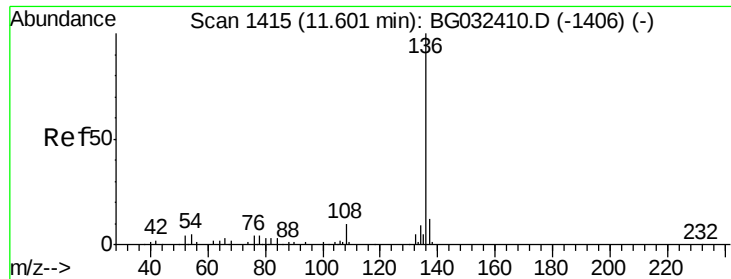
Delta R.T. 0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	107	Resp:	103229
Ion	Ratio	Lower	Upper
107	100		
108	85.6	61.6	101.6
77	32.8	13.9	53.9
79	34.7	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032452.D

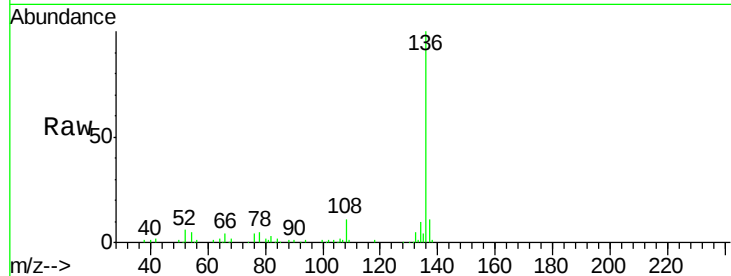
Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

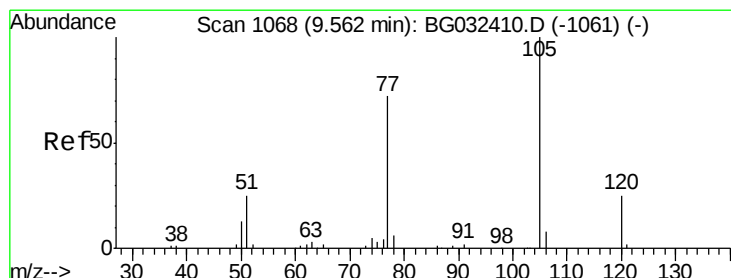
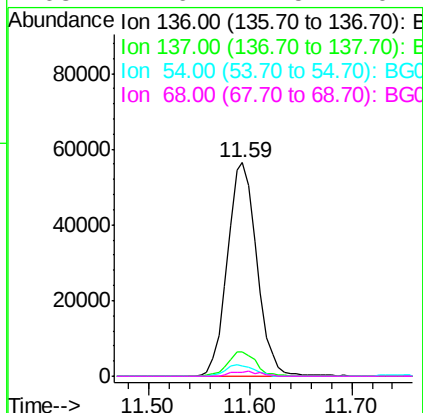
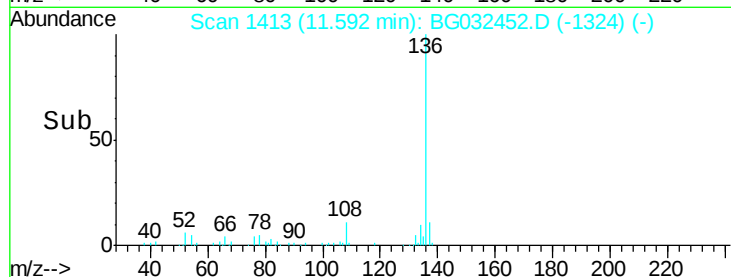
EPE-106-5(100-102)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	113577		
137	11.4	9.2	13.8	
54	5.0	10.3	15.5#	
68	1.6	4.5	6.7#	

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#22

Acetophenone

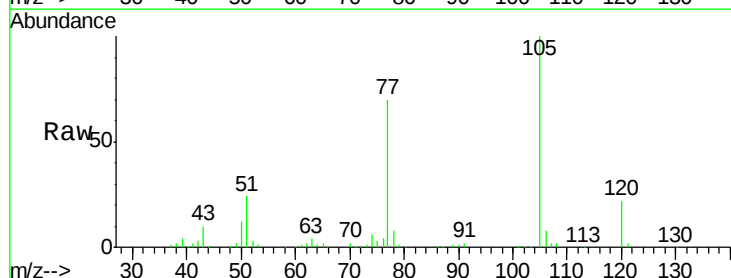
Concen: 49.224 ng

RT: 9.56 min Scan# 1067

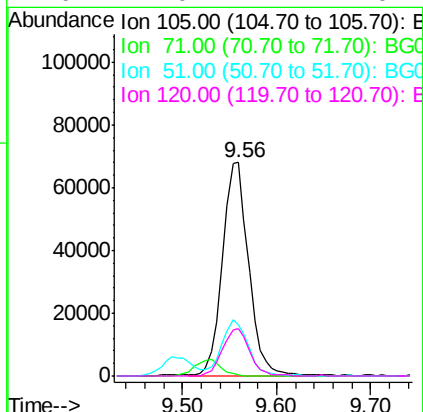
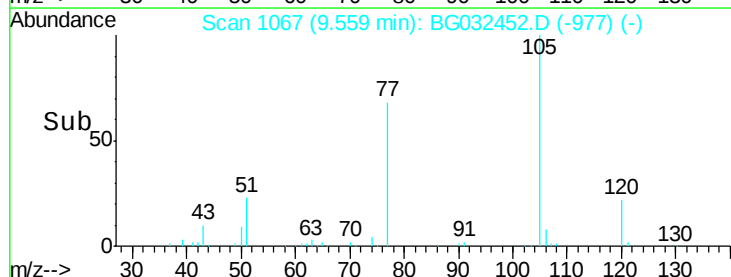
Delta R.T. -0.00 min

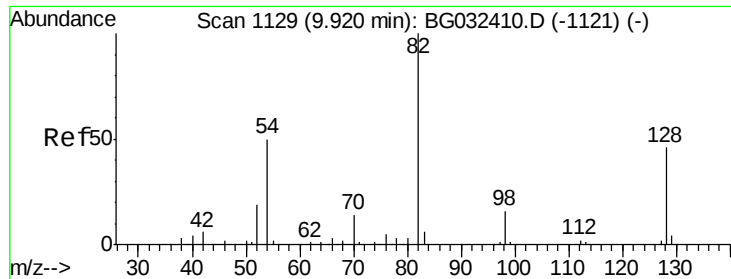
Lab File: BG032452.D

Acq: 30 Jan 2018 21:37



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	131053		
71	0.4	3.0	4.4#	
51	23.7	26.1	39.1#	
120	22.0	17.4	26.2	





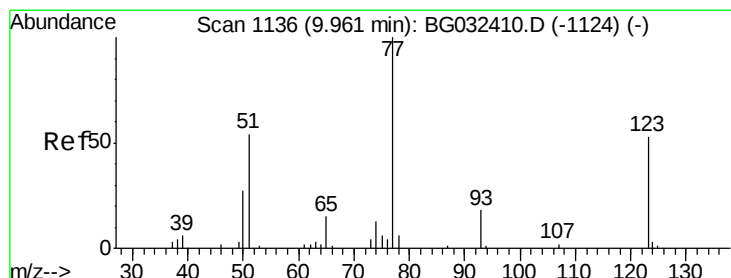
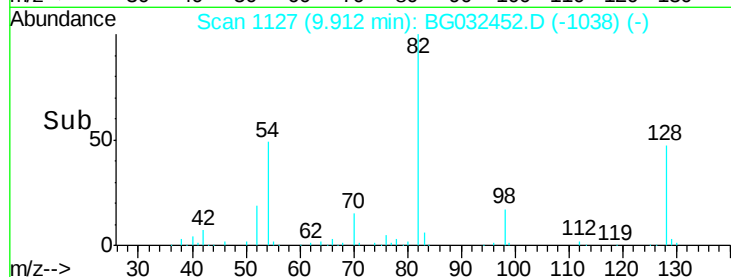
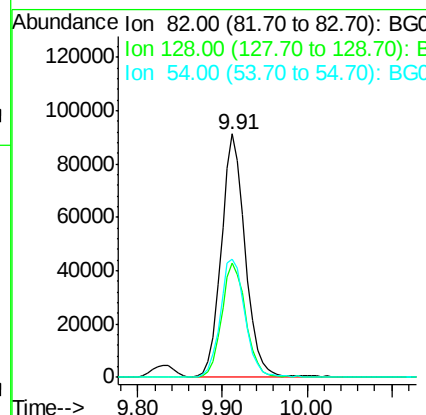
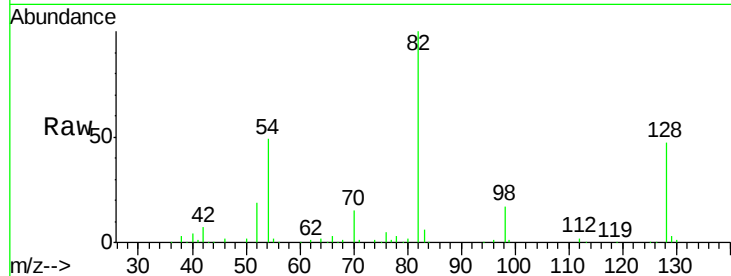
#23
 Nitrobenzene-d5
 Concen: 98.352 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	178841		
128	46.7	29.7	44.5#	
54	48.6	43.1	64.7	

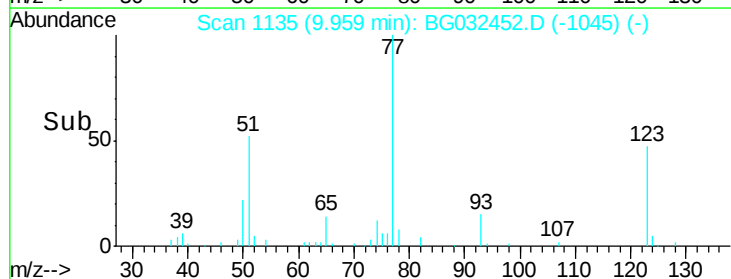
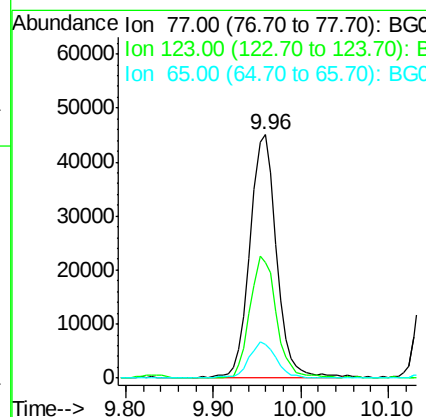
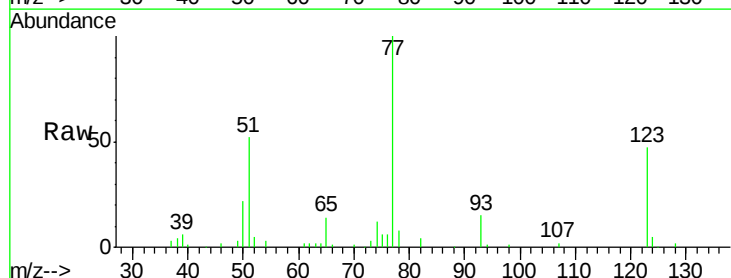
Manual Integrations
 APPROVED

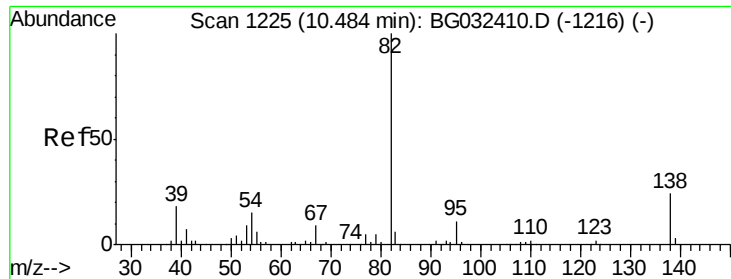
Sohil
 1/31/2018 8:31:11 PM



#24
 Nitrobenzene
 Concen: 52.856 ng
 RT: 9.96 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	92938		
123	47.4	33.0	49.6	
65	13.8	13.0	19.6	





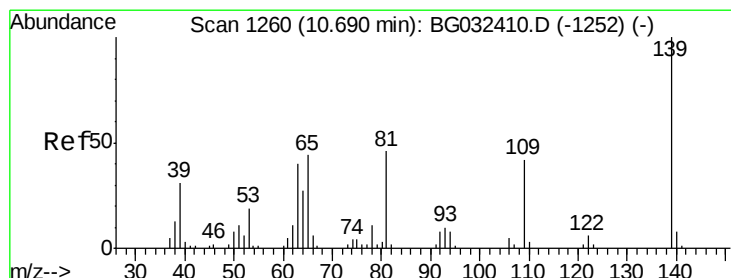
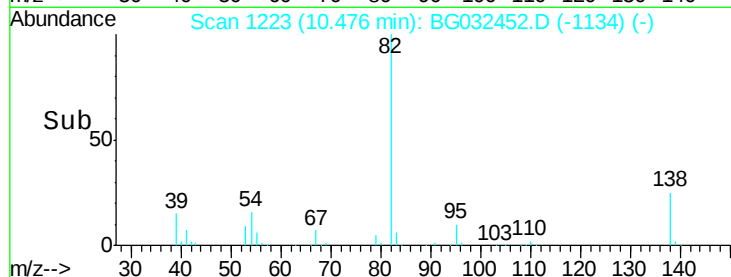
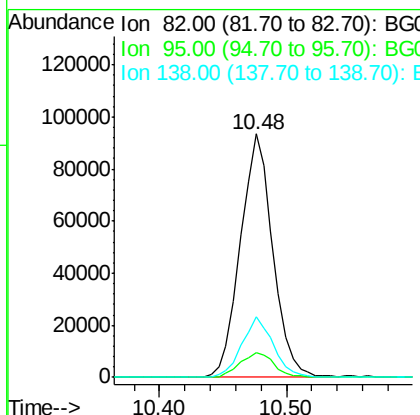
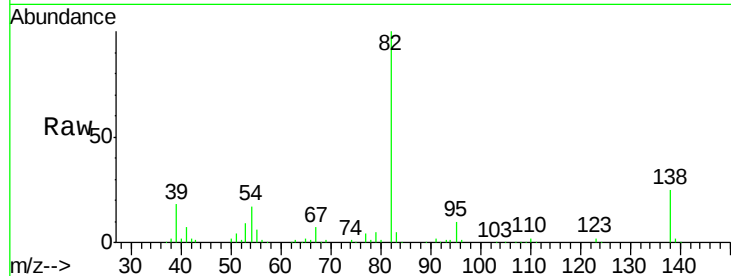
#25
Isophorone
Concen: 53.515 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	165694		
95	10.1	6.2	9.2#	
138	24.7	12.1	18.1#	

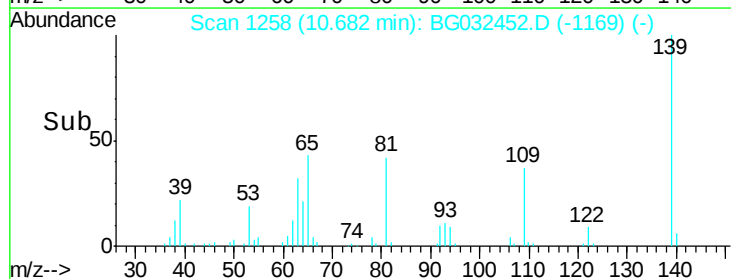
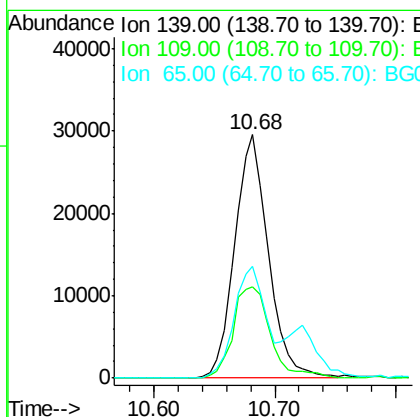
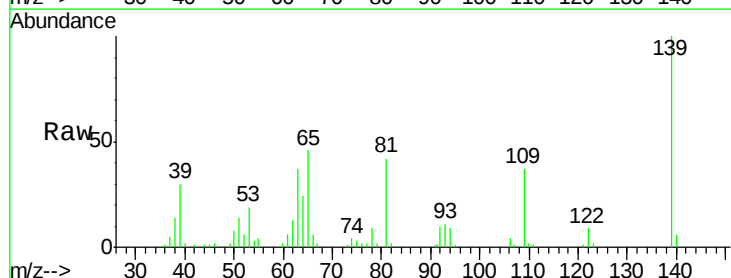
Manual Integrations
APPROVED

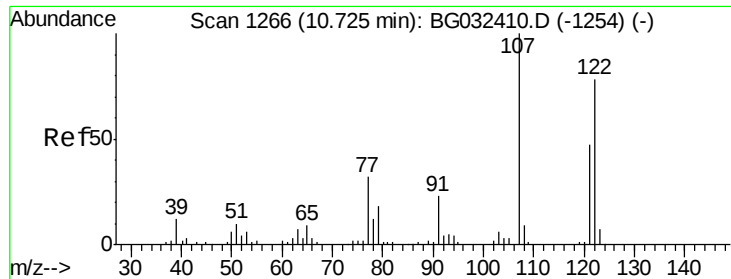
Sohil
1/31/2018 8:31:11 PM



#26
2-Nitrophenol
Concen: 54.072 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	57474		
109	37.4	24.2	36.2#	
65	45.9	47.4	71.0#	





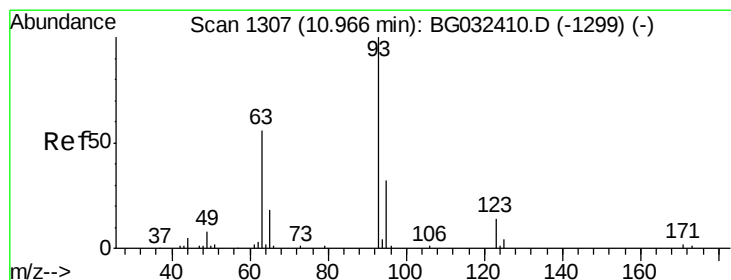
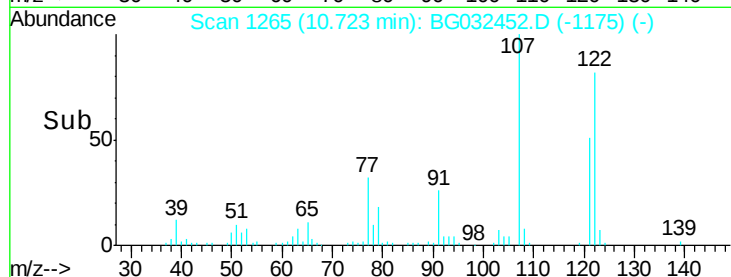
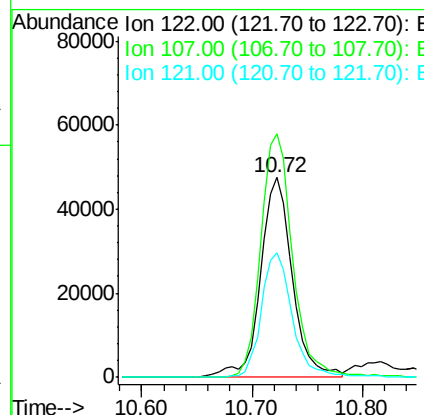
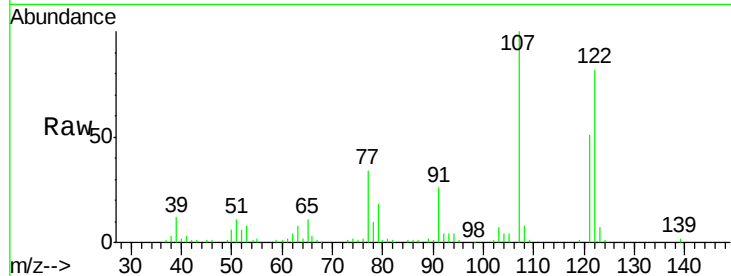
#27
 2,4-Dimethylphenol
 Concen: 62.841 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.0	100.2	150.2
121	62.6	44.4	66.6

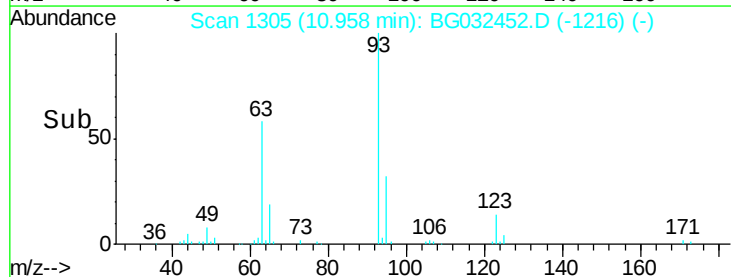
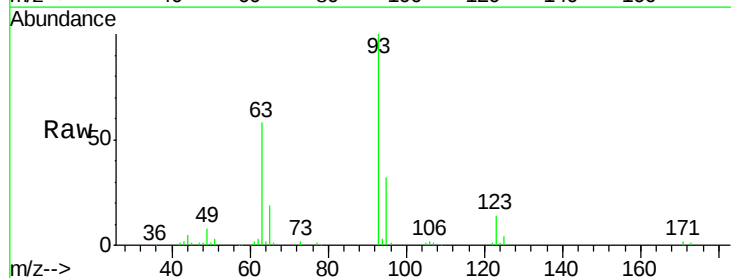
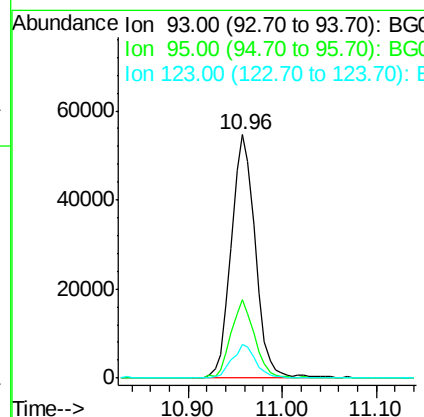
Manual Integrations
 APPROVED

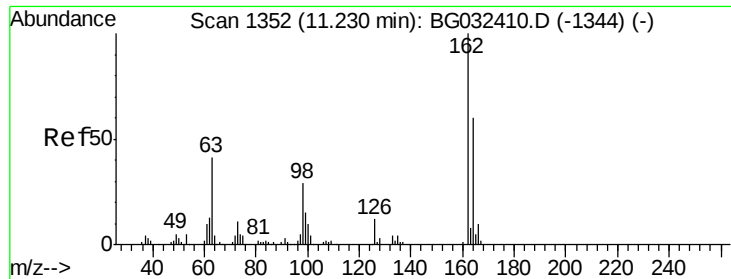
Sohil
 1/31/2018 8:31:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.398 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	14.1	8.4	12.6





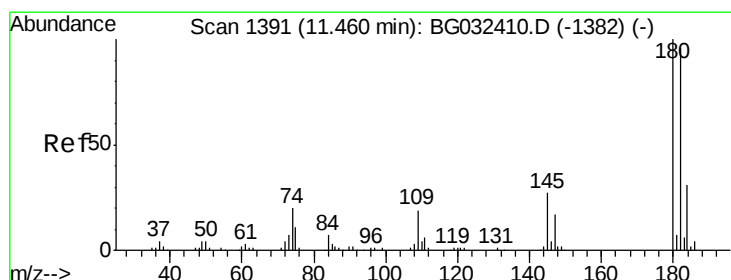
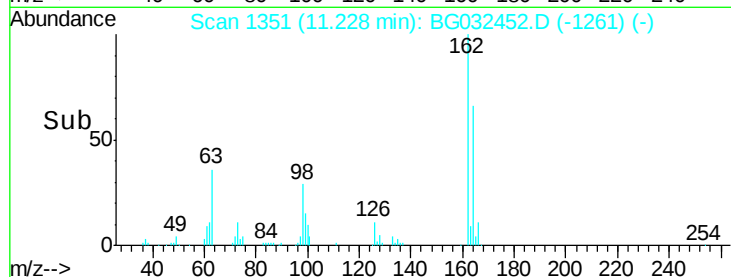
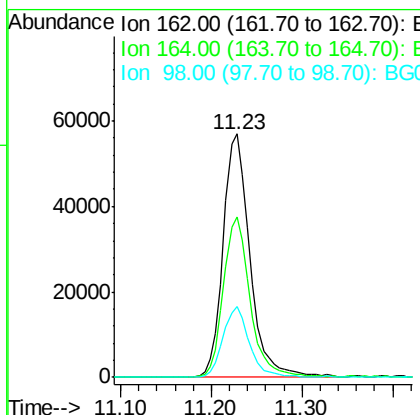
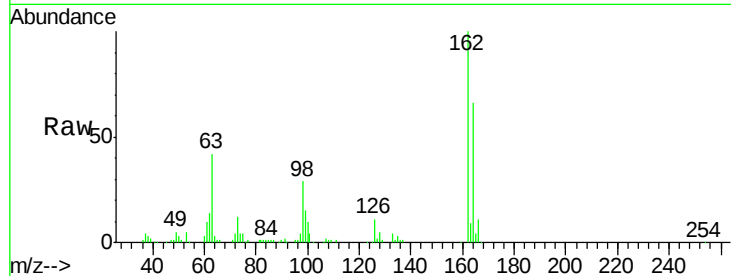
#29
 2,4-Dichlorophenol
 Concen: 58.071 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	117363		
164	66.1	48.0	88.0	
98	28.9	21.1	61.1	

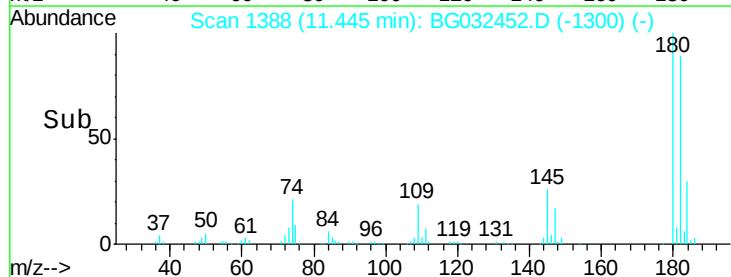
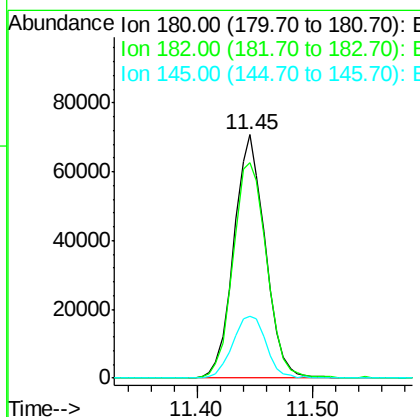
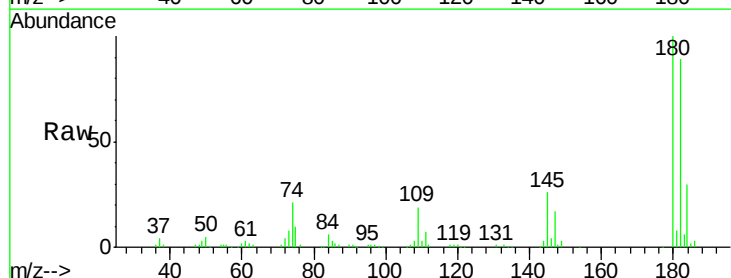
Manual Integrations
 APPROVED

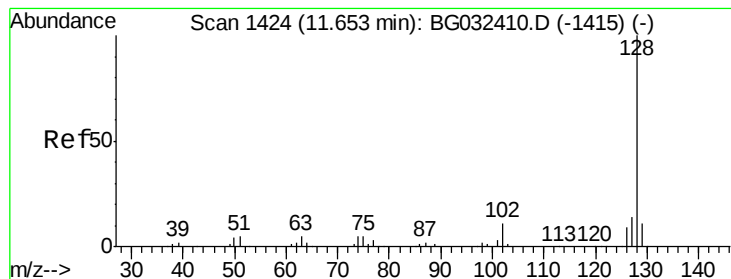
Sohil
 1/31/2018 8:31:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.316 ng
 RT: 11.45 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132840		
182	88.5	77.5	116.3	
145	25.7	23.4	35.2	





#31

Naphthalene

Concen: 51.385 ng

RT: 11.65 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BG032452.D

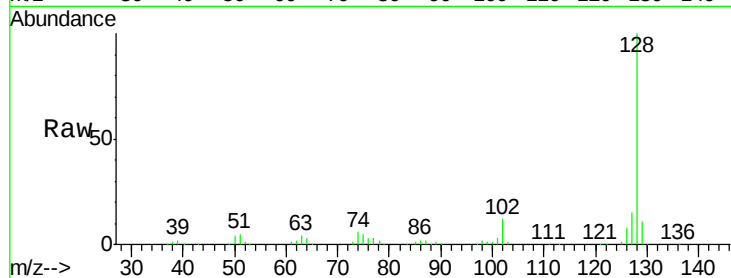
Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

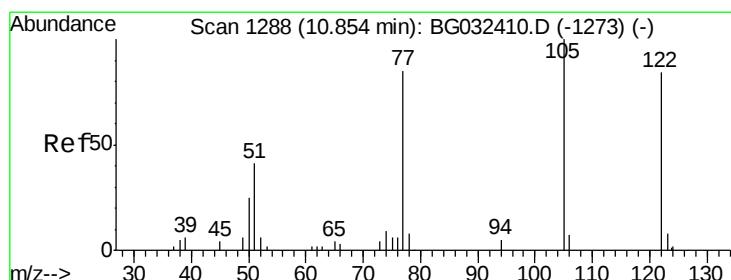
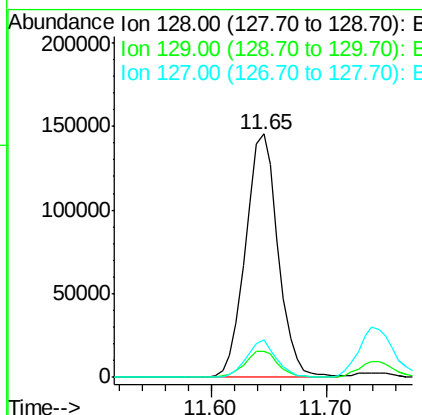
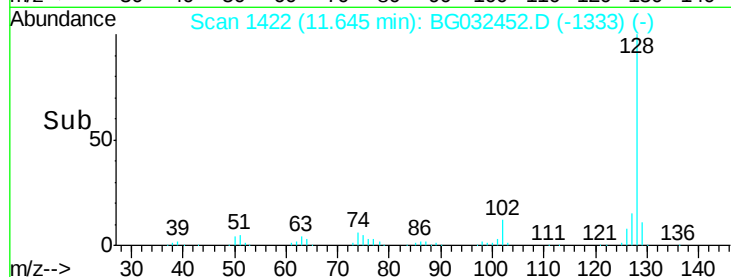
EPE-106-5(100-102)MSD



Tgt Ion:	128	Resp:	285042
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	15.3	11.6	17.4

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#32

Benzoic acid

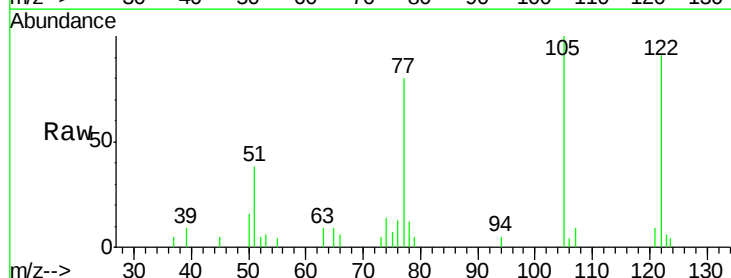
Concen: 12.156 ng

RT: 10.82 min Scan# 1281

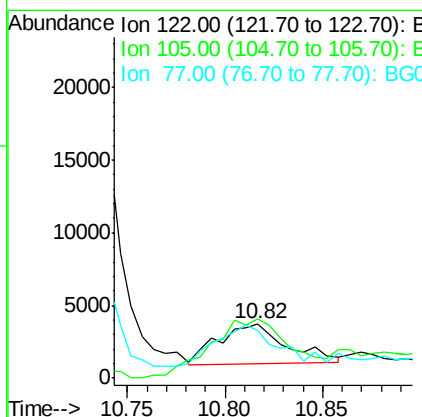
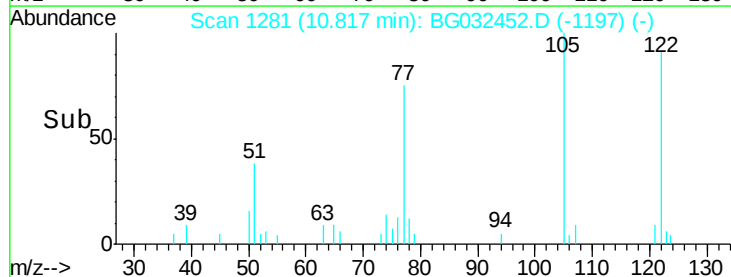
Delta R.T. -0.04 min

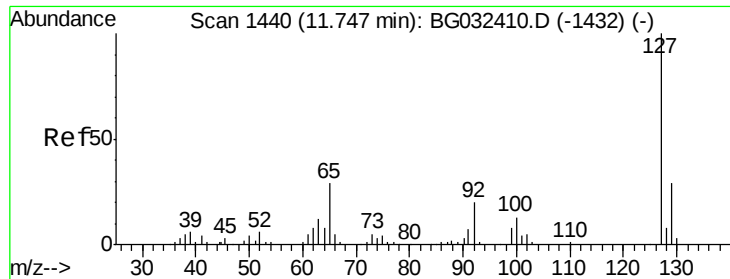
Lab File: BG032452.D

Acq: 30 Jan 2018 21:37



Tgt Ion:	122	Resp:	6538
Ion Ratio	Lower	Upper	
122	100		
105	109.5	123.5	163.5#
77	87.3	85.7	125.7





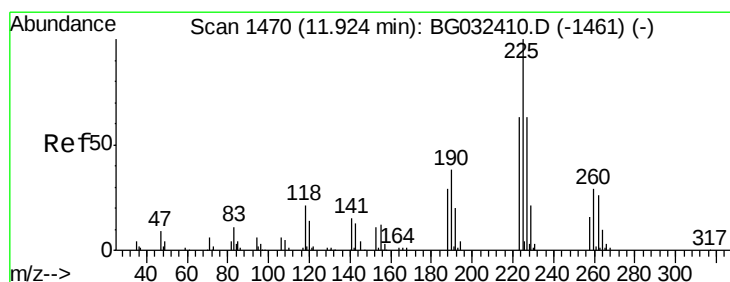
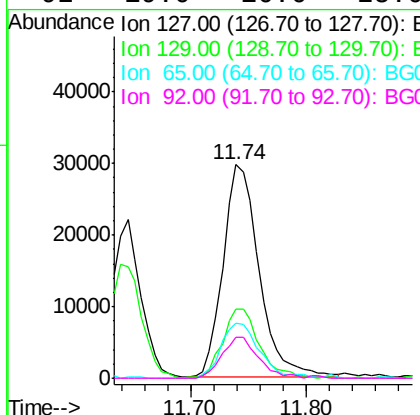
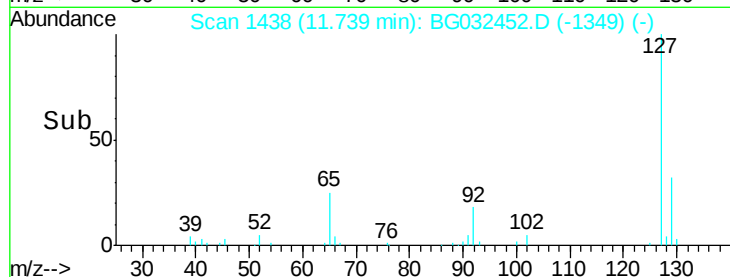
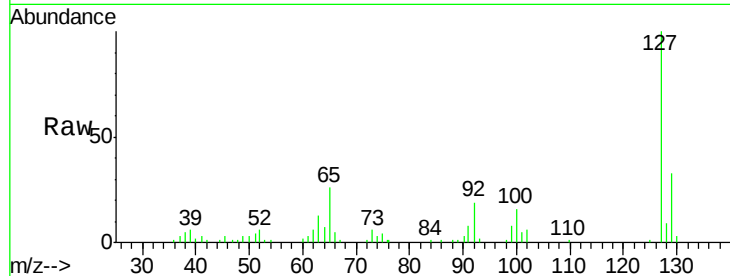
#33
 4-Chloroaniline
 Concen: 25.878 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	25.9	27.0	40.4
92	19.0	16.6	25.0

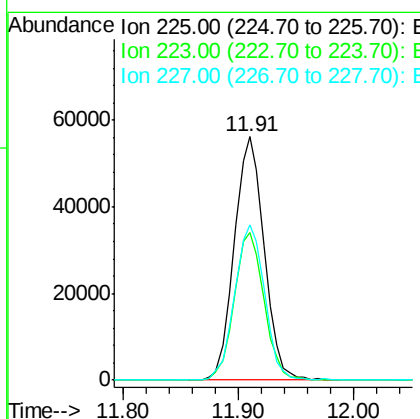
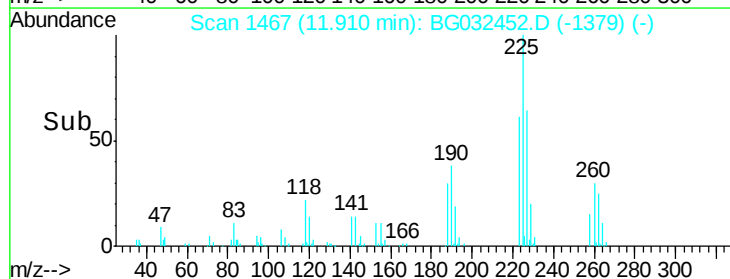
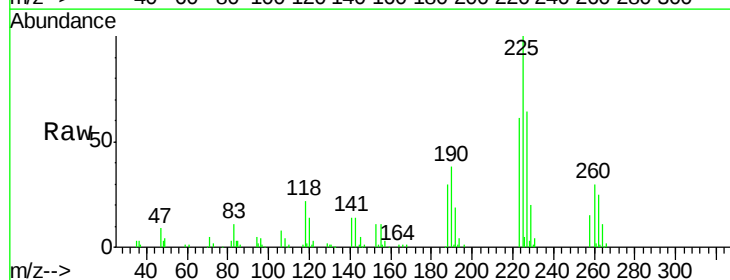
Manual Integrations
 APPROVED

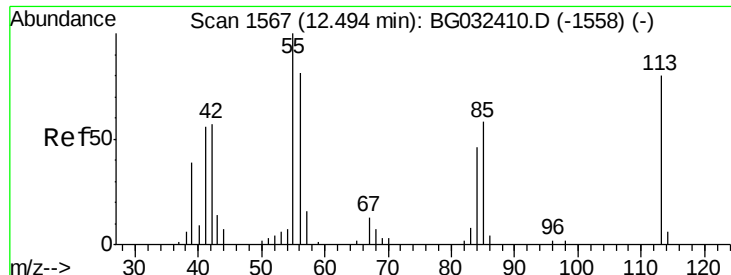
Sohil
 1/31/2018 8:31:11 PM



#34
 Hexachlorobutadiene
 Concen: 47.900 ng
 RT: 11.91 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	63.7	48.1	72.1





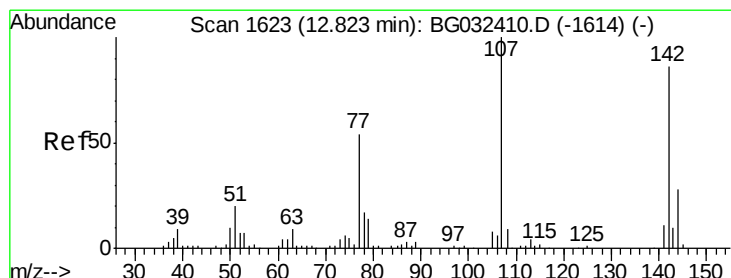
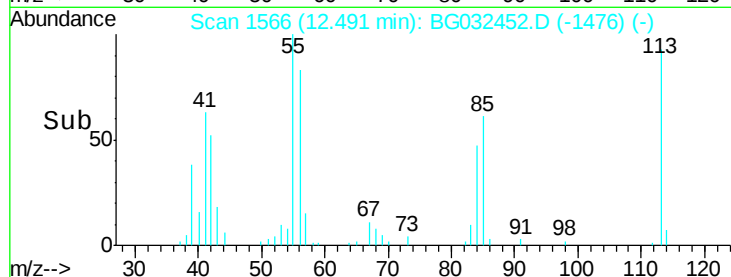
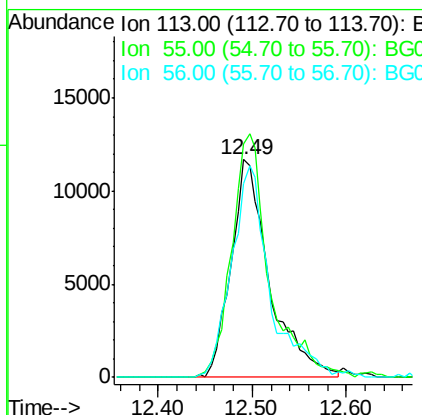
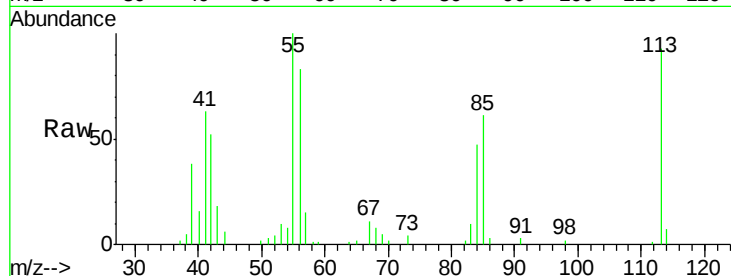
#35
 Caprolactam
 Concen: 57.095 ng
 RT: 12.49 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion:113 Resp: 33125
 Ion Ratio Lower Upper
 113 100
 55 107.1 186.9 226.9#
 56 89.3 130.9 170.9#

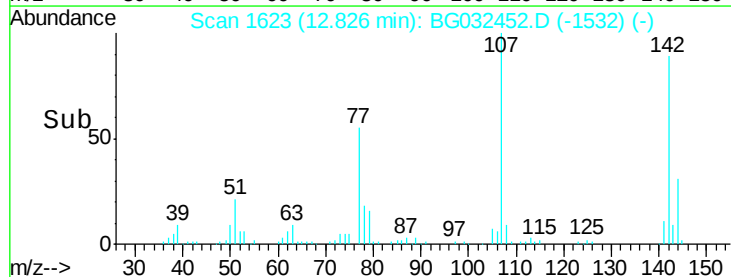
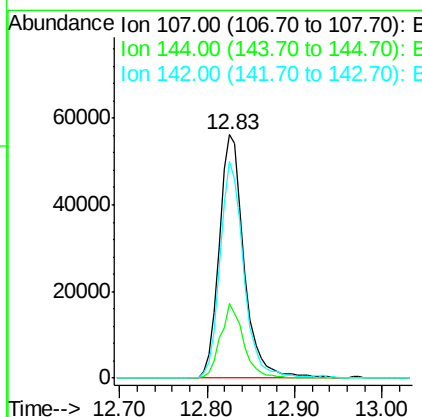
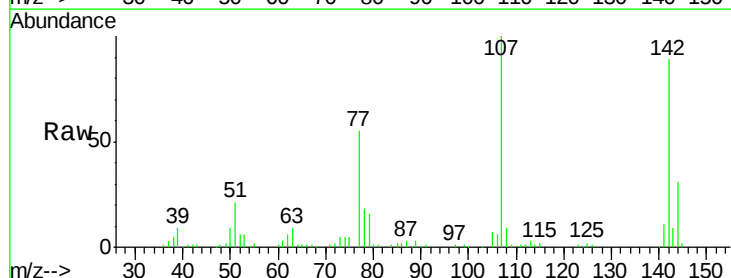
Manual Integrations
 APPROVED

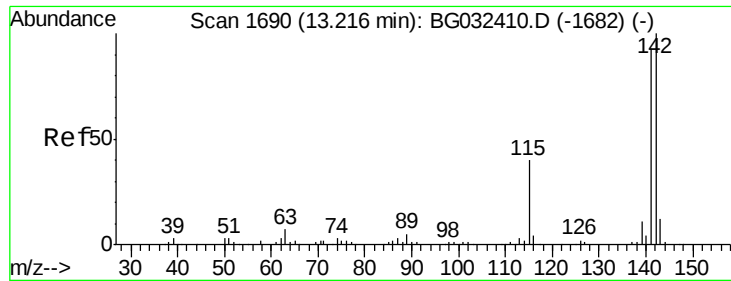
Sohil
 1/31/2018 8:31:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 57.686 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion:107 Resp: 110585
 Ion Ratio Lower Upper
 107 100
 144 30.5 18.2 27.4#
 142 89.1 59.0 88.4#





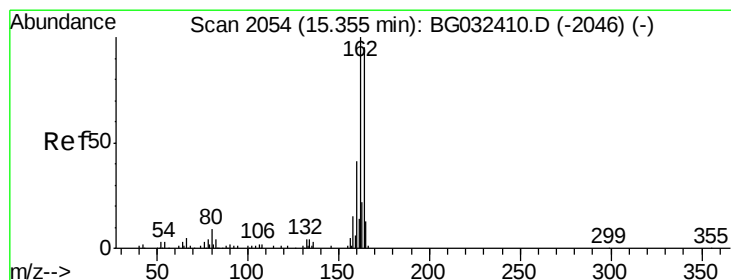
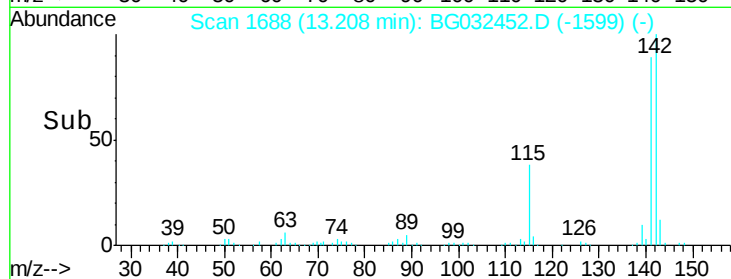
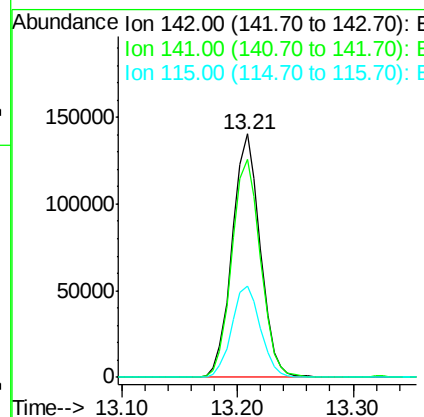
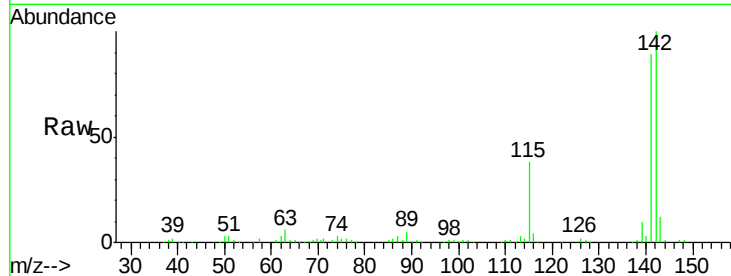
#37
2-Methylnaphthalene
Concen: 50.717 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	236354		
141	89.5	67.1	100.7	
115	37.6	30.7	46.1	

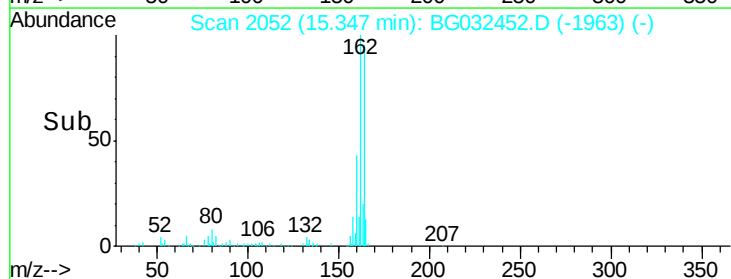
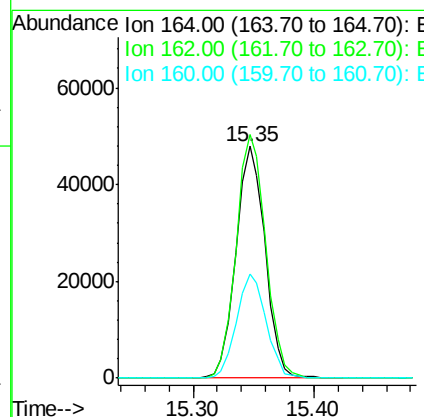
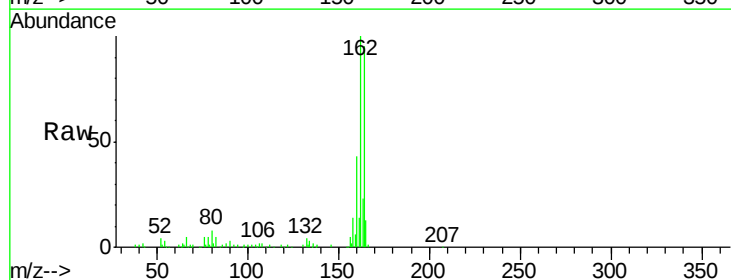
Manual Integrations
APPROVED

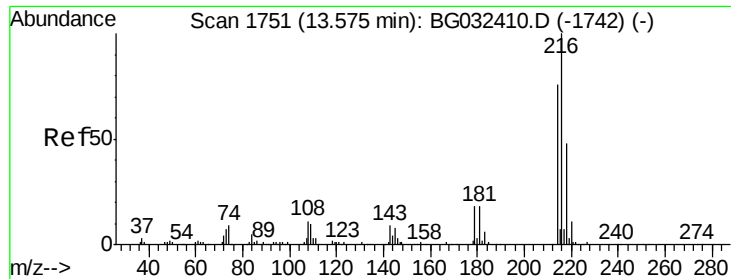
Sohil
1/31/2018 8:31:11 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80326		
162	105.0	78.8	118.2	
160	45.1	35.4	53.0	





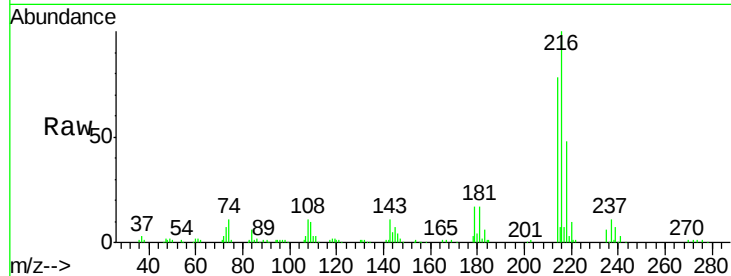
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.752 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

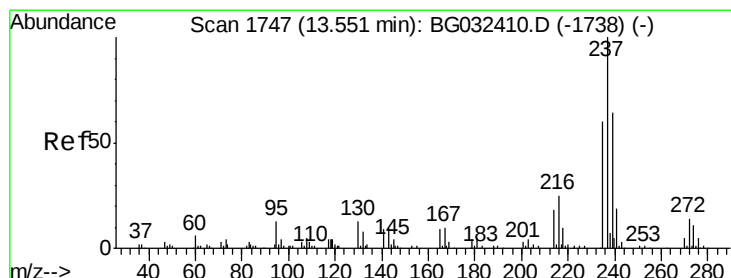
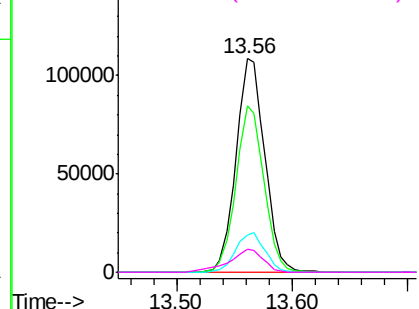
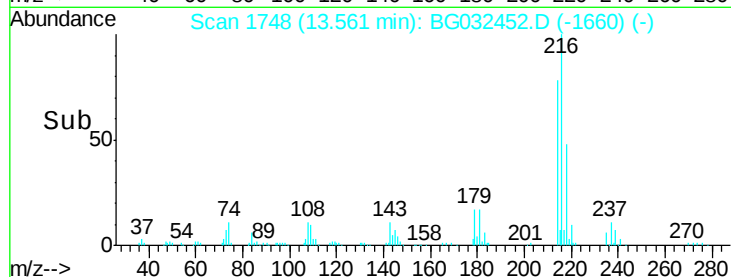
Tgt Ion:	216	Resp:	186963
Ion Ratio	Lower	Upper	
216	100		
214	75.8	63.0	94.4
179	18.7	17.0	25.6
108	12.9	12.8	19.2

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM

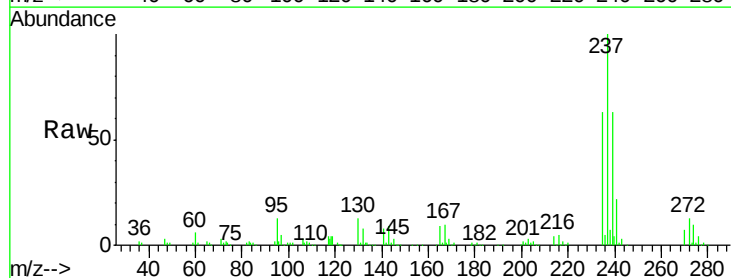


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

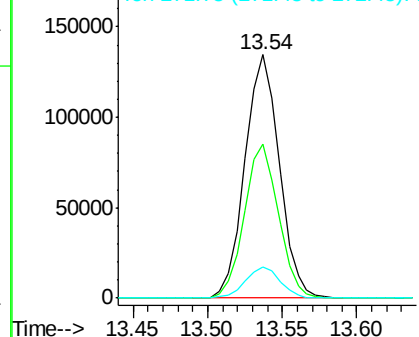
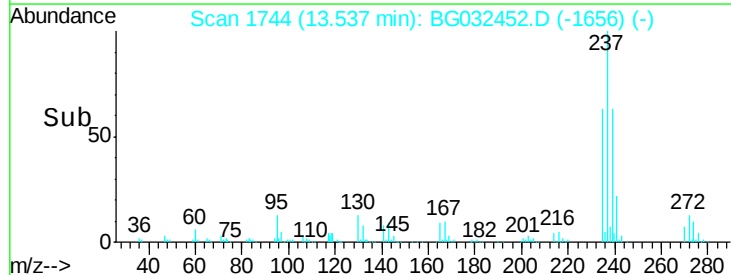


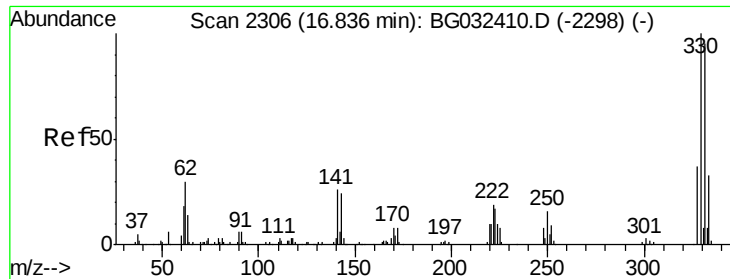
#40
 Hexachlorocyclopentadiene
 Concen: 91.476 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion:	237	Resp:	214781
Ion Ratio	Lower	Upper	
237	100		
235	63.3	50.4	90.4
272	13.0	0.0	31.8



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





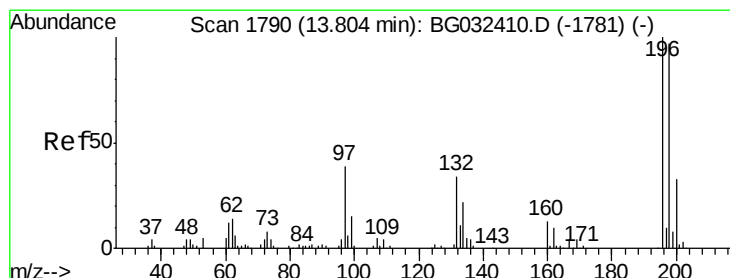
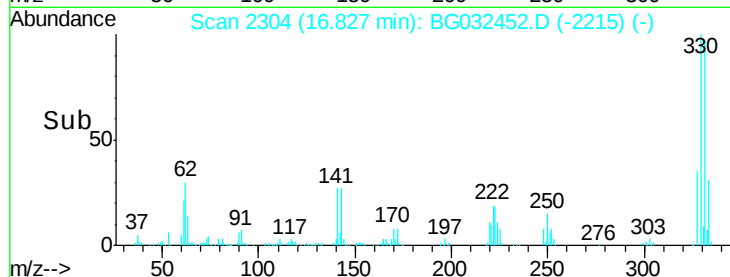
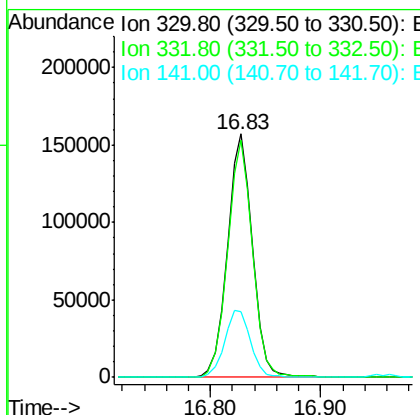
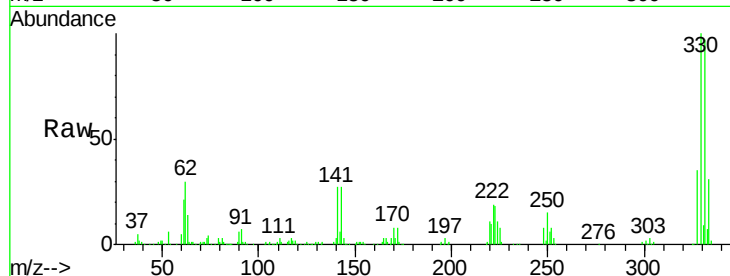
#41
 2,4,6-Tribromophenol
 Concen: 162.778 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248889		
332	97.1	77.0	115.6	
141	28.5	25.2	37.8	

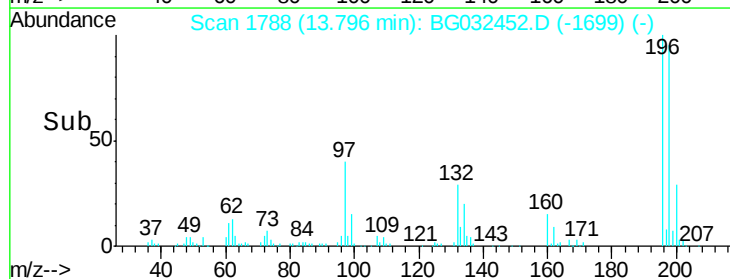
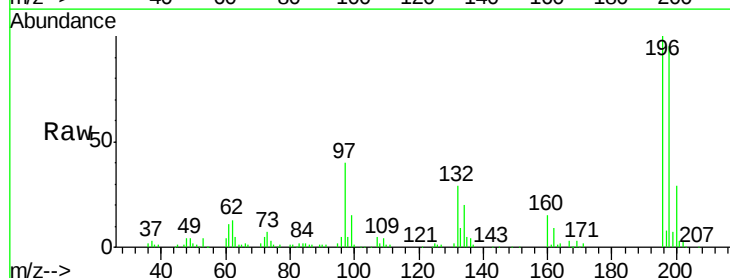
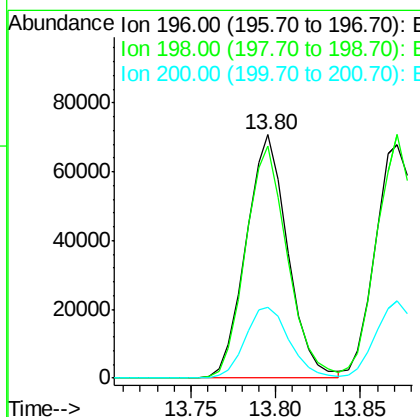
Manual Integrations
 APPROVED

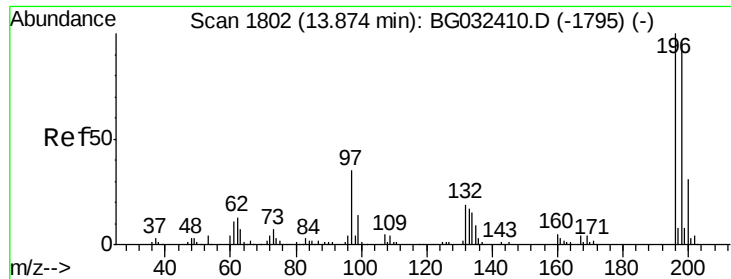
Sohil
 1/31/2018 8:31:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 59.293 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121198		
198	95.3	78.2	117.2	
200	28.9	24.6	36.8	





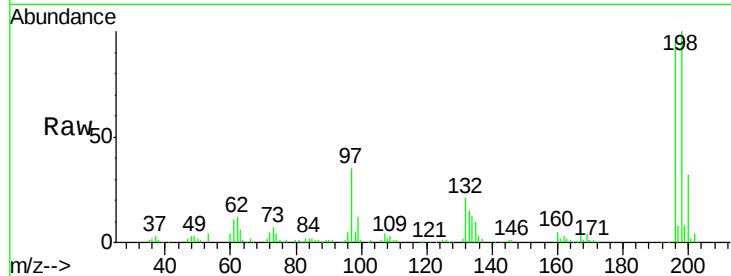
#43
 2,4,5-Trichlorophenol
 Concen: 54.254 ng m
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

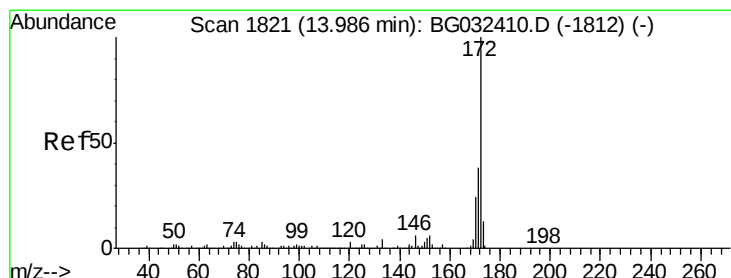
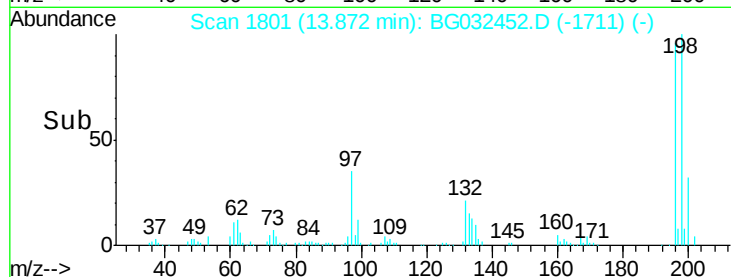
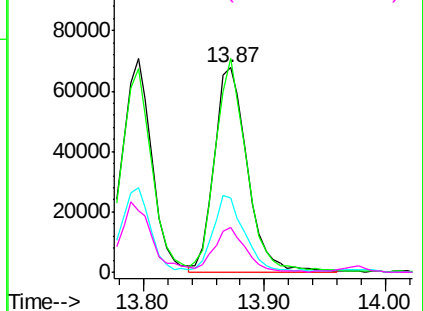
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129278		
198	104.5	76.2	114.4	
97	36.1	38.7	58.1	
132	22.1	20.2	30.2	

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM

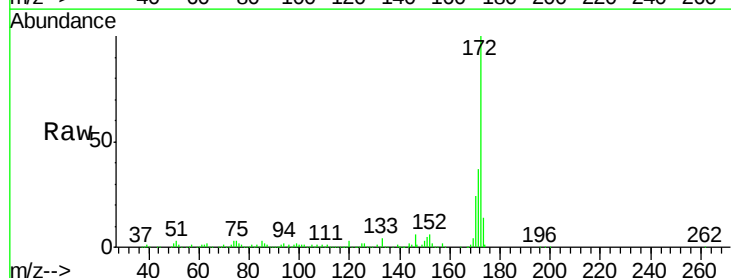


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

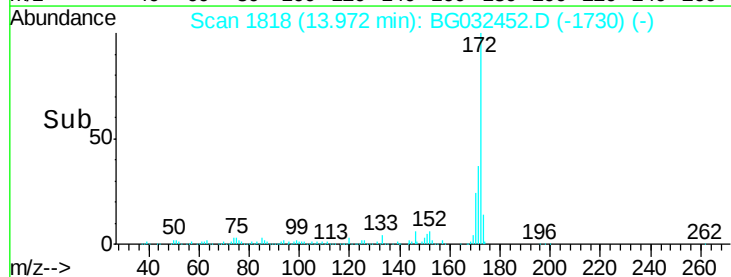
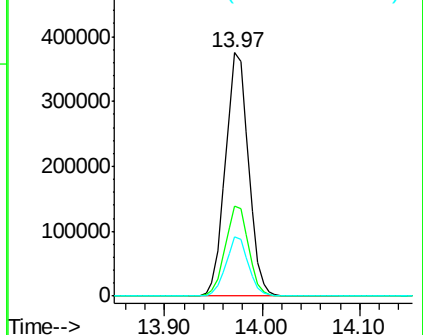


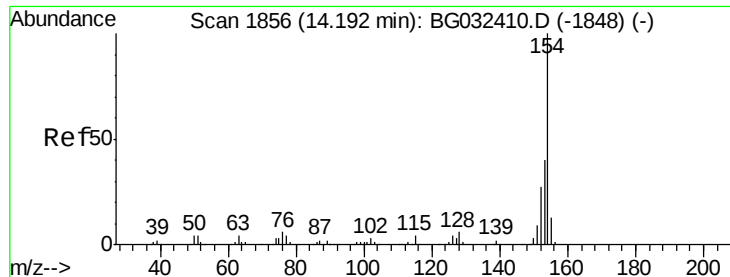
#44
 2-Fluorobiphenyl
 Concen: 91.323 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	617181		
171	36.7	30.0	45.0	
170	24.1	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





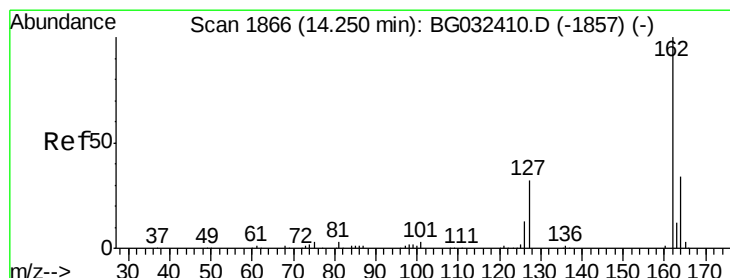
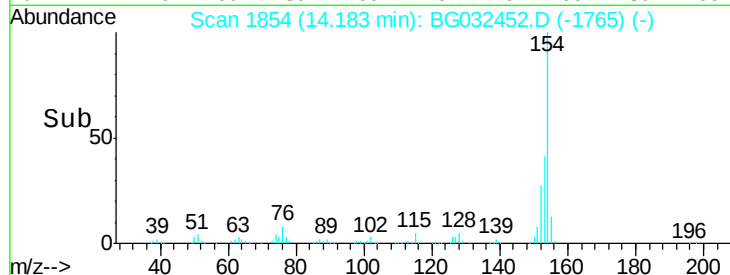
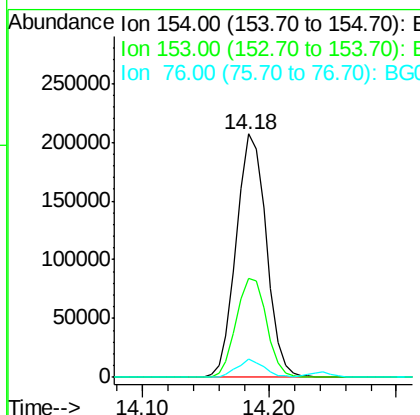
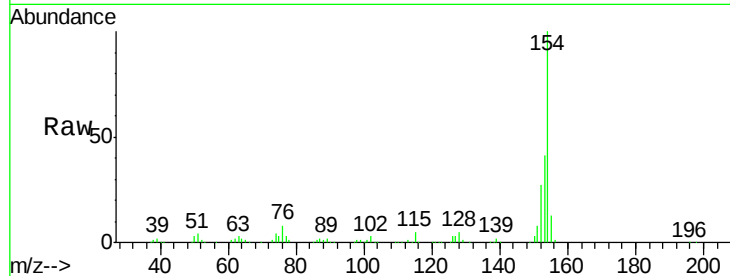
#45
 1,1'-Biphenyl
 Concen: 50.219 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	7.7	0.0	31.9

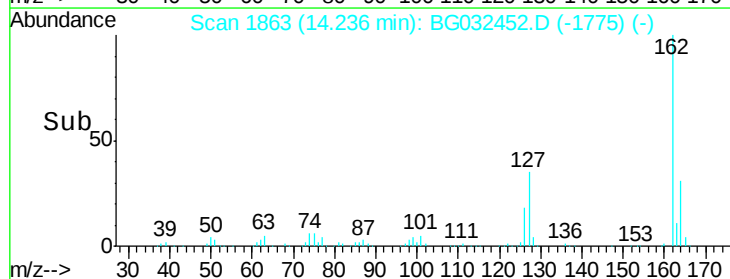
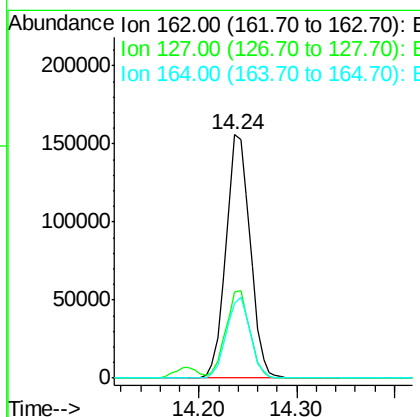
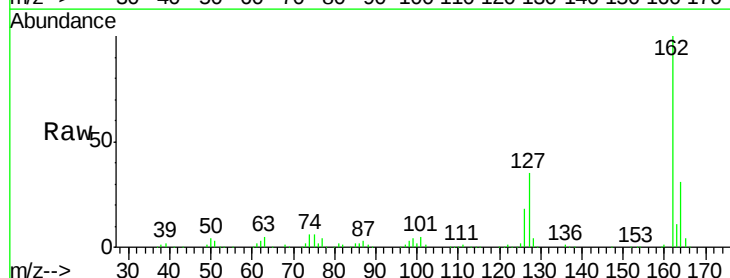
Manual Integrations
 APPROVED

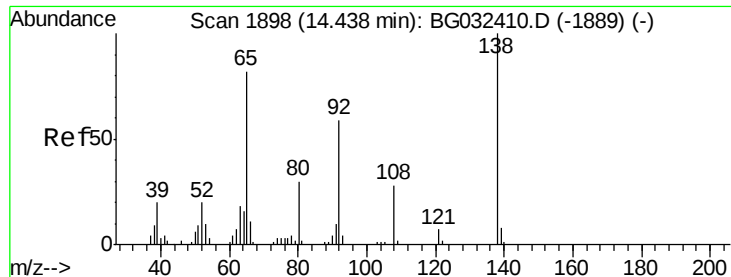
Sohil
 1/31/2018 8:31:11 PM



#46
 2-Chloronaphthalene
 Concen: 50.472 ng
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.4	30.7	46.1
164	30.8	26.0	39.0





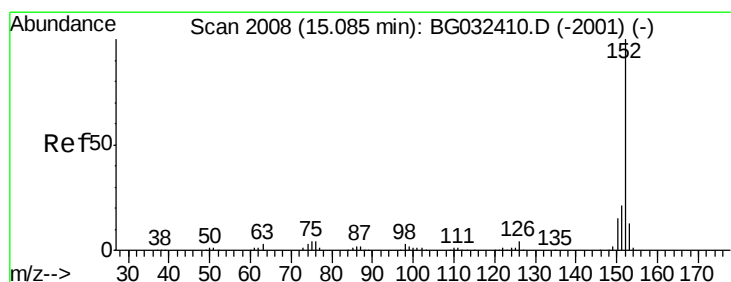
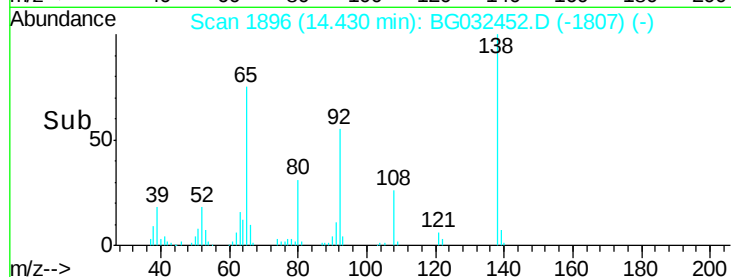
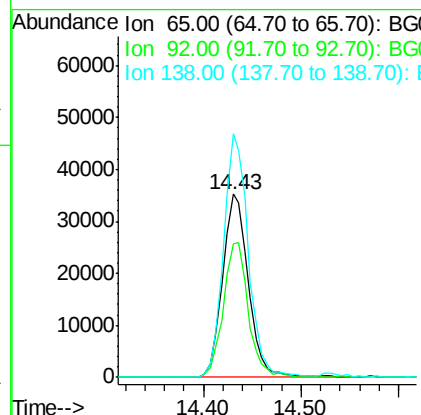
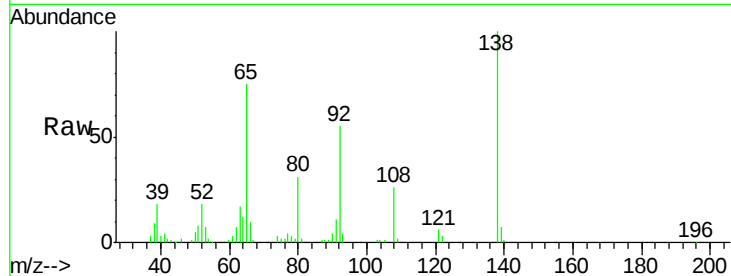
#47
2-Nitroaniline
Concen: 54.832 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion: 65 Resp: 64496
Ion Ratio Lower Upper
65 100
92 72.8 54.6 82.0
138 132.8 72.9 109.3#

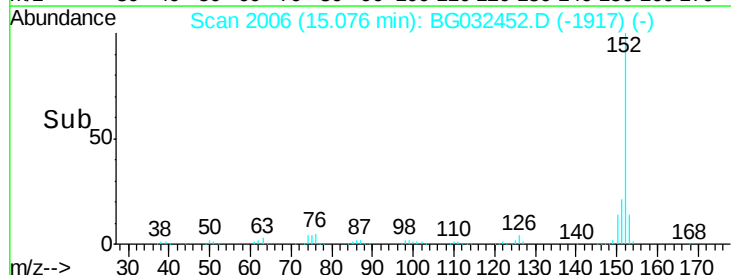
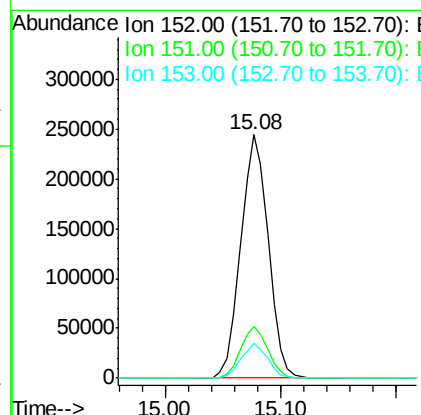
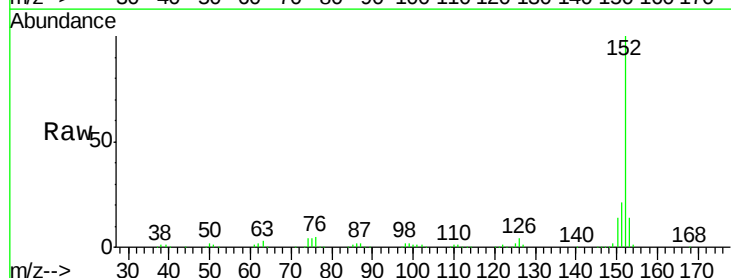
Manual Integrations
APPROVED

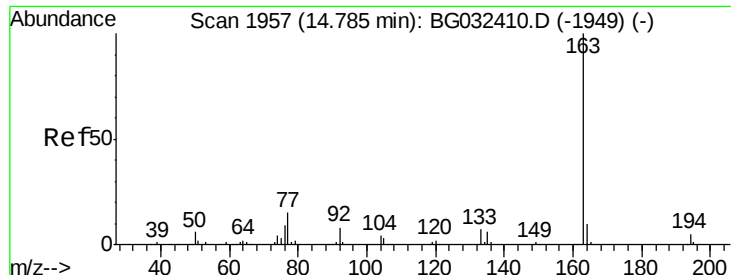
Sohil
1/31/2018 8:31:11 PM



#48
Acenaphthylene
Concen: 50.080 ng
RT: 15.08 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion: 152 Resp: 402699
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 14.3 10.2 15.4





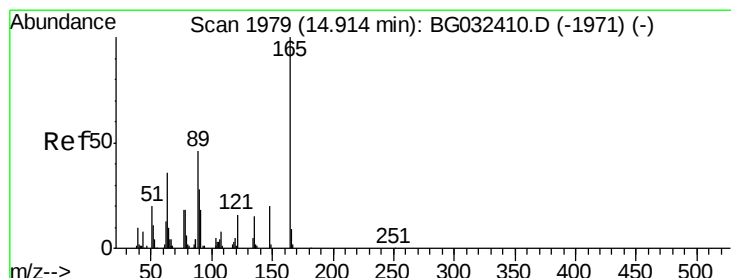
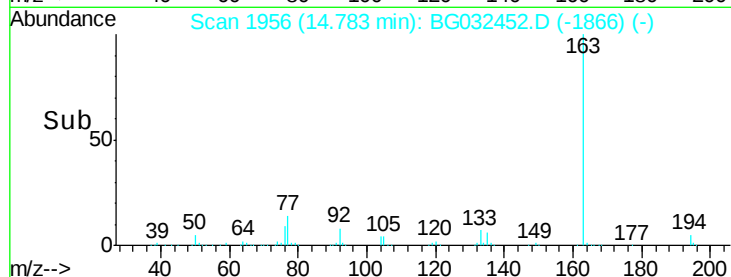
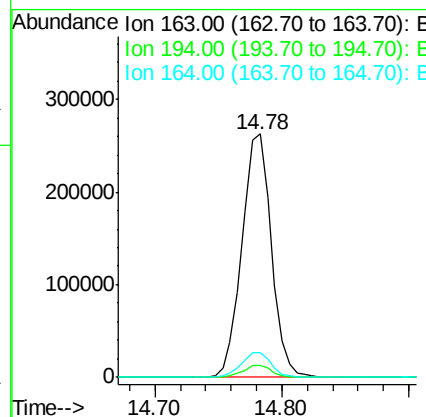
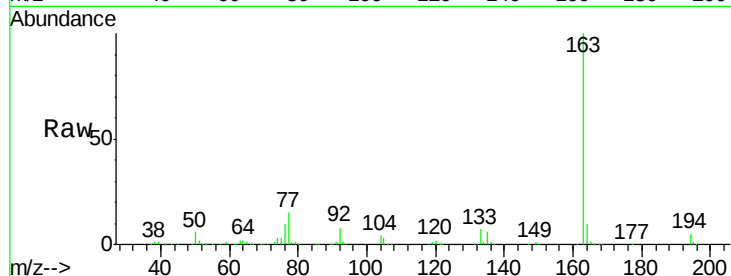
#49
Dimethylphthalate
Concen: 56.920 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	421576		
194	4.9	3.4	5.2	
164	10.1	8.2	12.4	

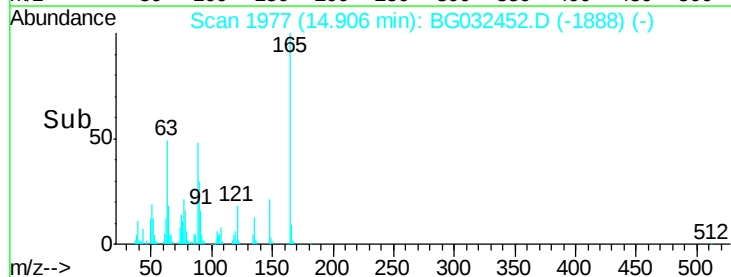
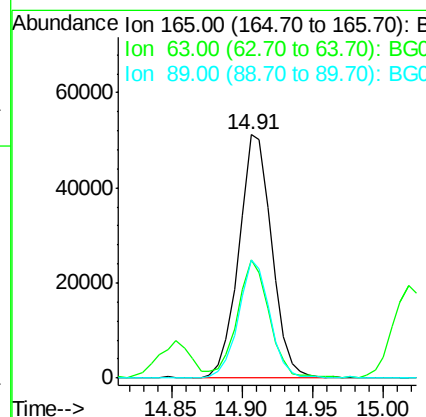
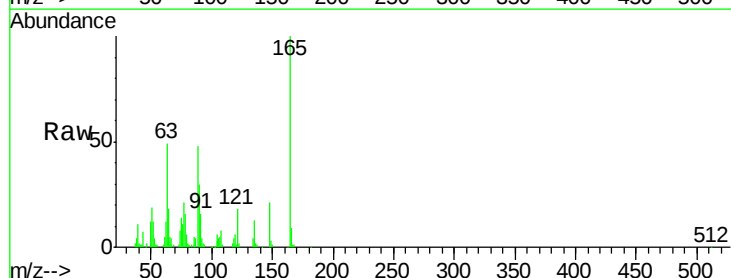
Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#50
2,6-Dinitrotoluene
Concen: 53.641 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83386		
63	48.6	52.7	79.1#	
89	48.3	49.2	73.8#	





#51

Acenaphthene

Concen: 52.509 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

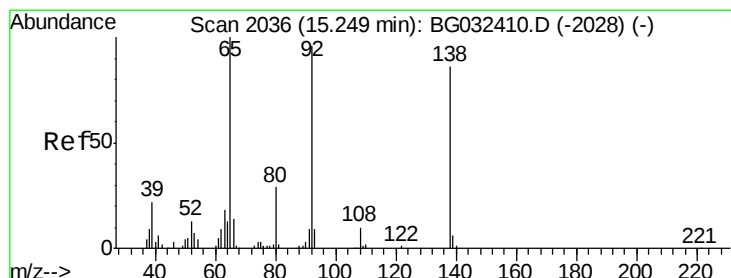
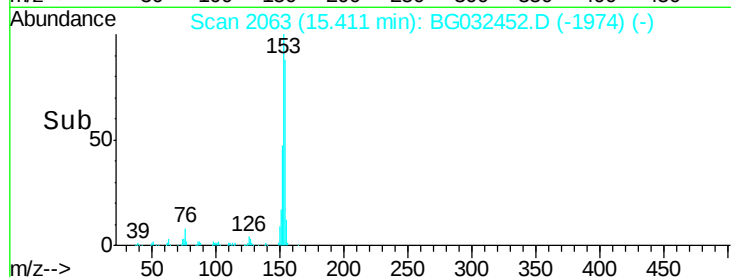
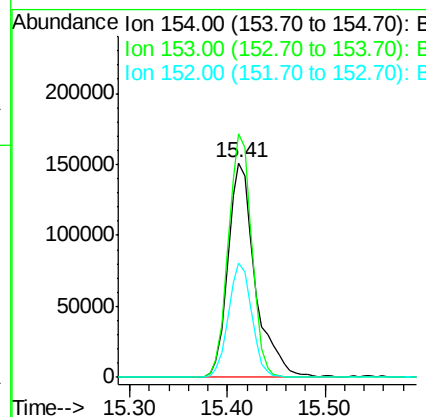
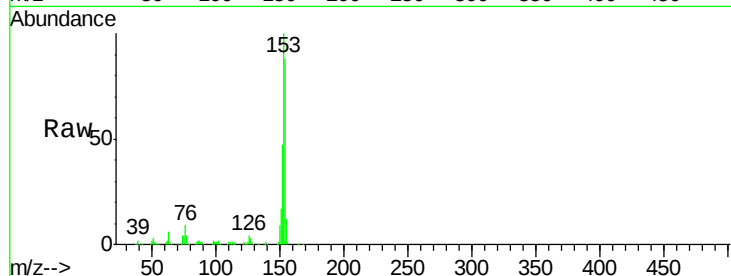
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion:	154	Resp:	292822
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.4	135.6
152	53.6	41.6	62.4

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#52

3-Nitroaniline

Concen: 32.971 ng

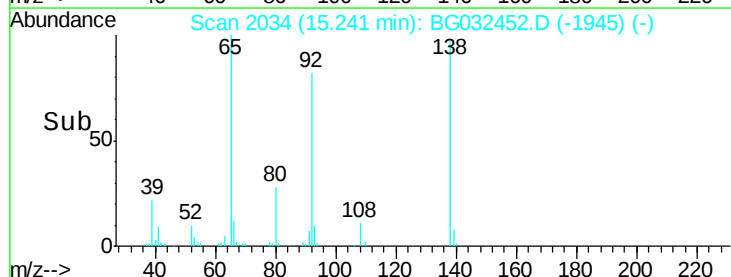
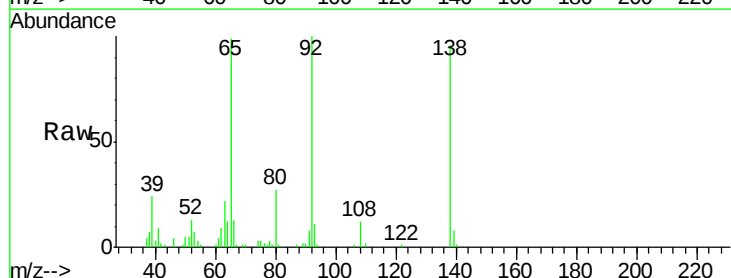
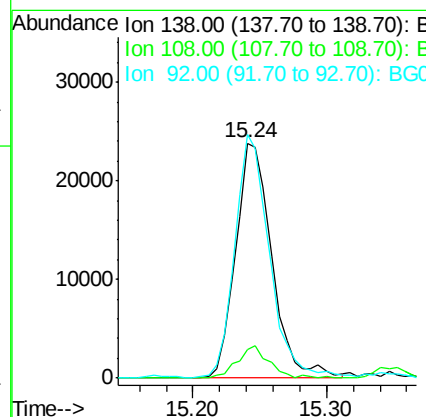
RT: 15.24 min Scan# 2034

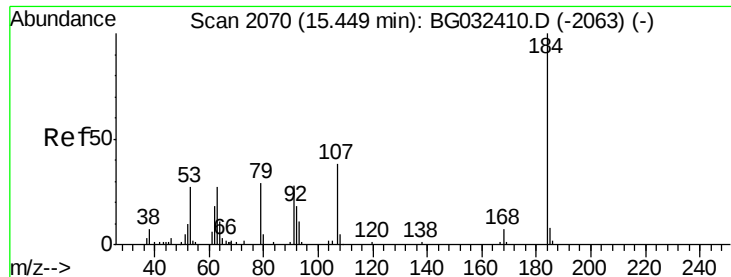
Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	138	Resp:	44768
Ion Ratio	Lower	Upper	
138	100		
108	12.1	17.5	26.3#
92	103.7	105.8	158.8#





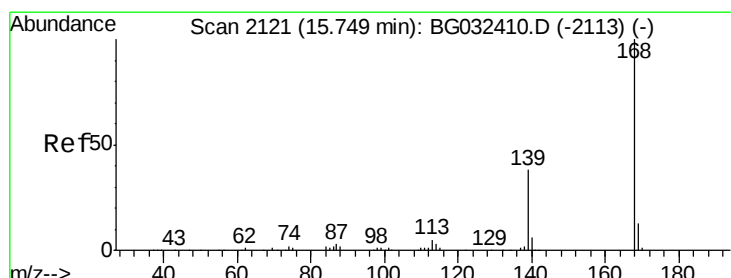
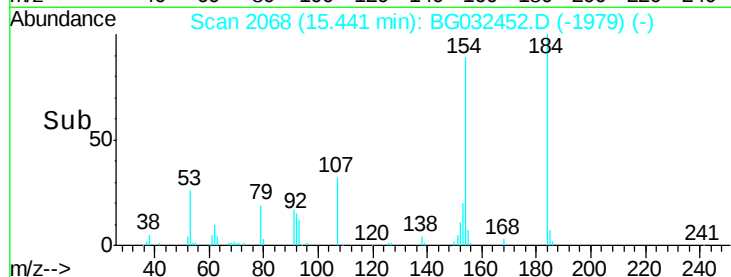
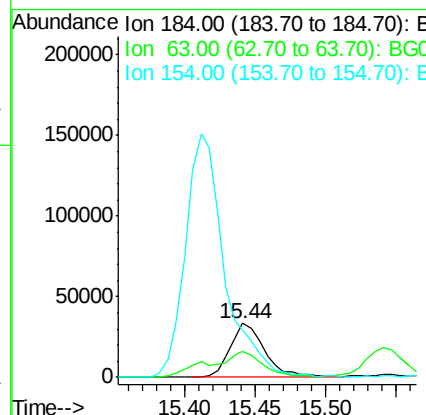
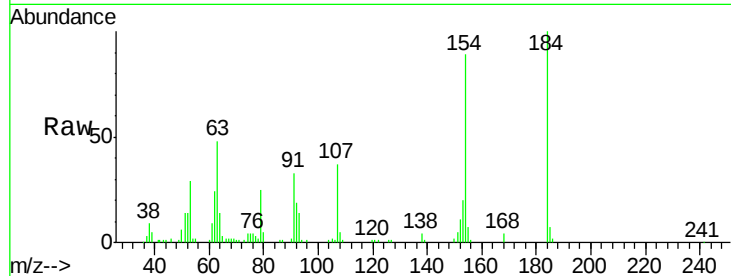
#53
 2,4-Dinitrophenol
 Concen: 60.686 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion:184 Resp: 57873
 Ion Ratio Lower Upper
 184 100
 63 47.7 59.8 89.8#
 154 89.3 101.8 152.8#

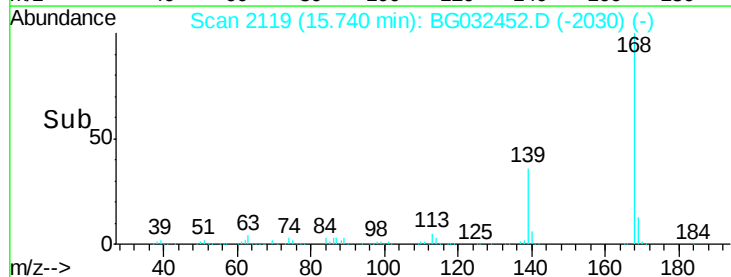
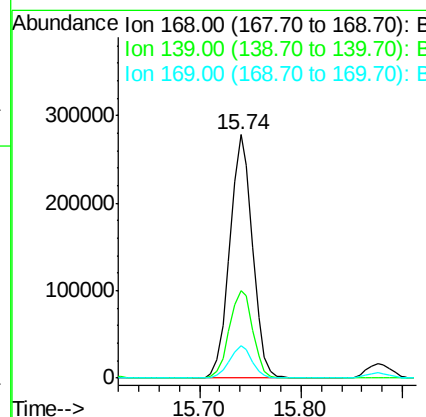
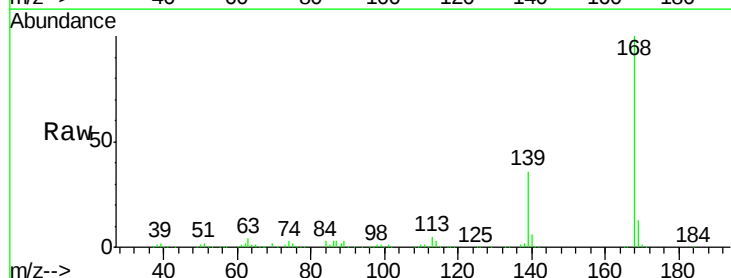
Manual Integrations
 APPROVED

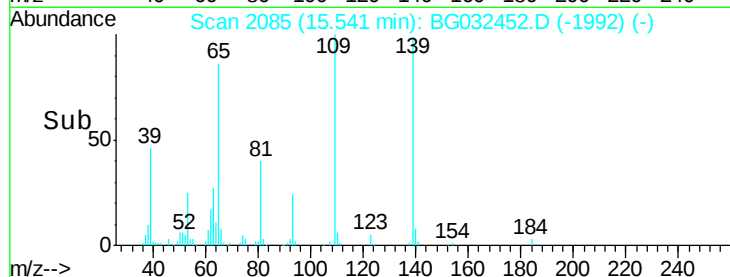
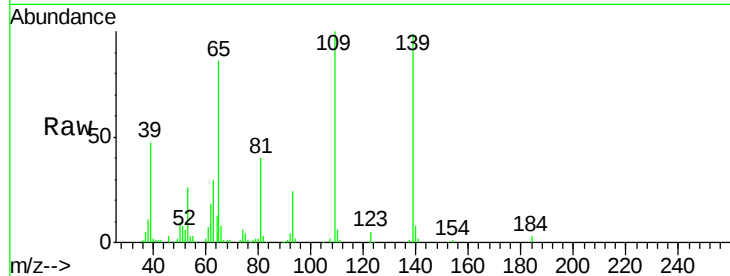
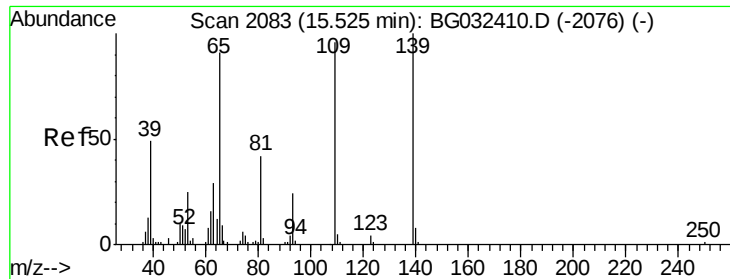
Sohil
 1/31/2018 8:31:11 PM



#54
 Dibenzofuran
 Concen: 52.327 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion:168 Resp: 431906
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.6 43.0
 169 13.1 11.2 16.8





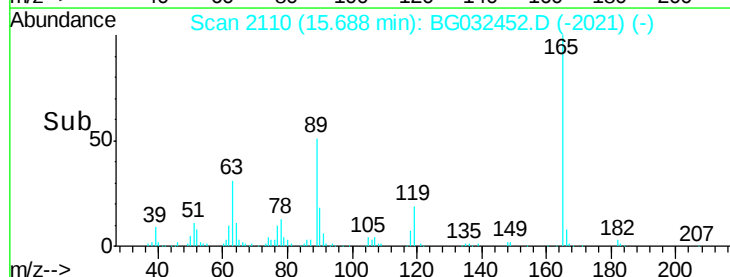
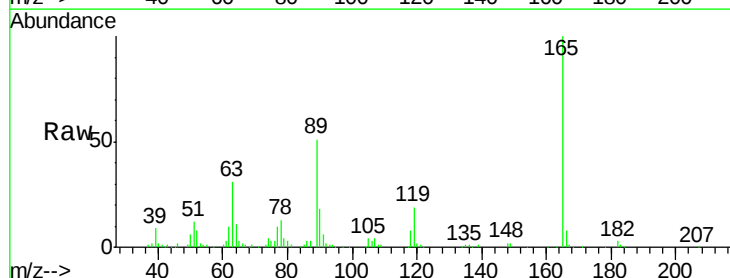
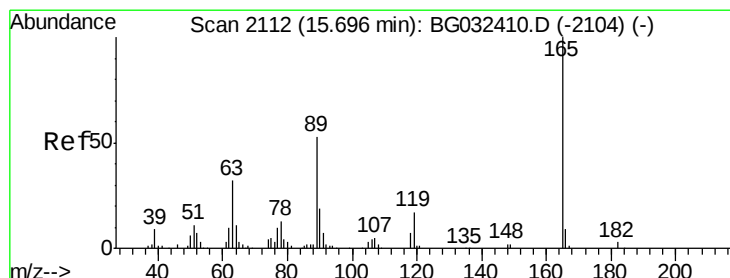
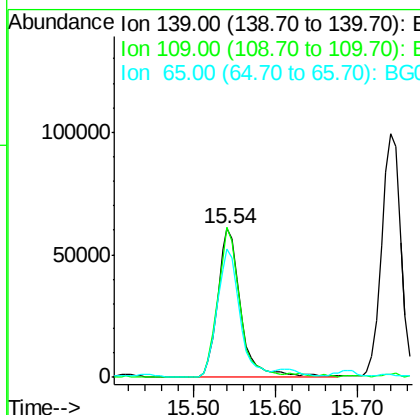
#55
4-Nitrophenol
Concen: 117.716 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.02 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119662		
109	101.1	62.2	102.2	
65	86.5	97.2	137.2#	

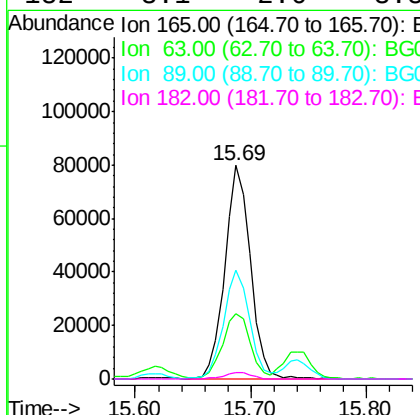
Manual Integrations
APPROVED

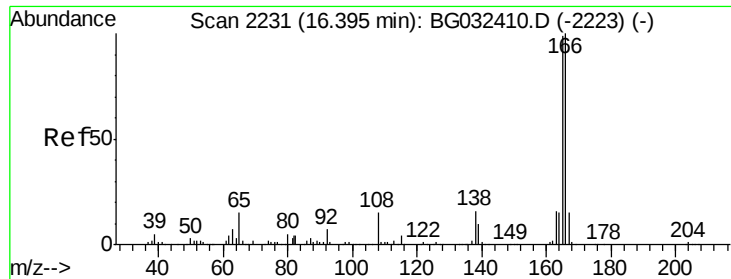
Sohil
1/31/2018 8:31:11 PM



#56
2,4-Dinitrotoluene
Concen: 55.335 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122475		
63	30.8	42.0	63.0#	
89	51.1	66.9	100.3#	
182	3.1	2.6	3.8	





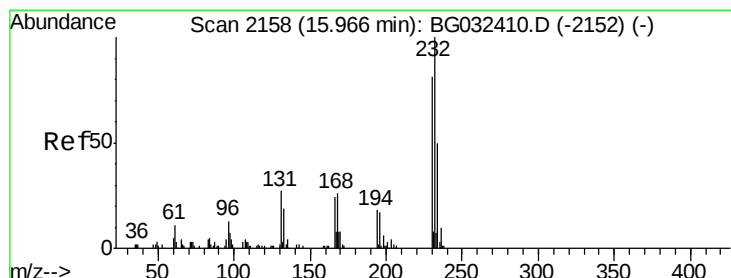
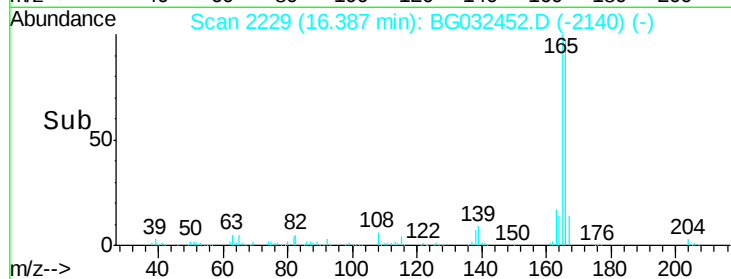
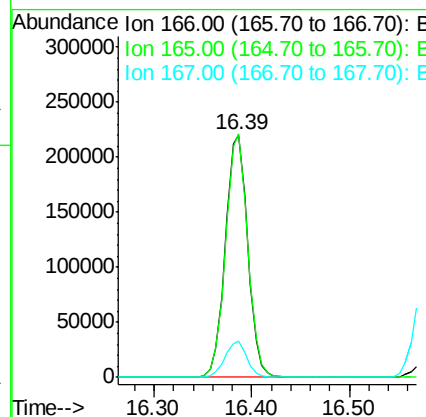
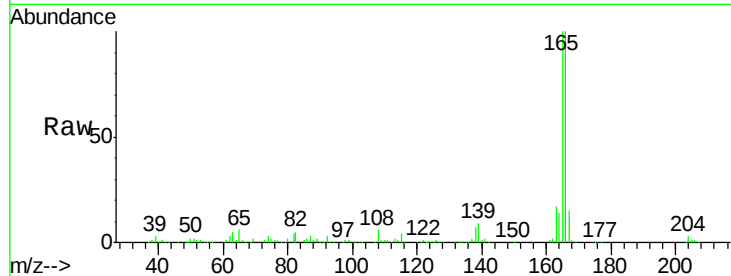
#57
Fluorene
 Concen: 50.878 ng
 RT: 16.39 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	348966		
165	100.4	80.6	121.0	
167	14.9	10.4	15.6	

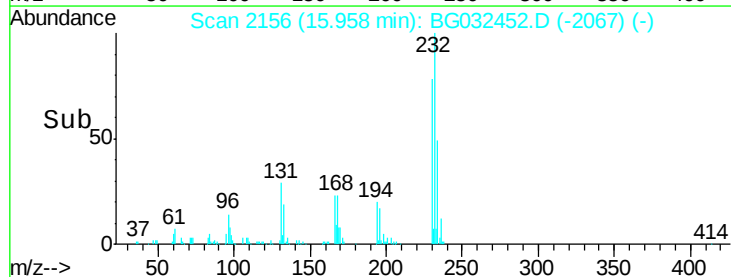
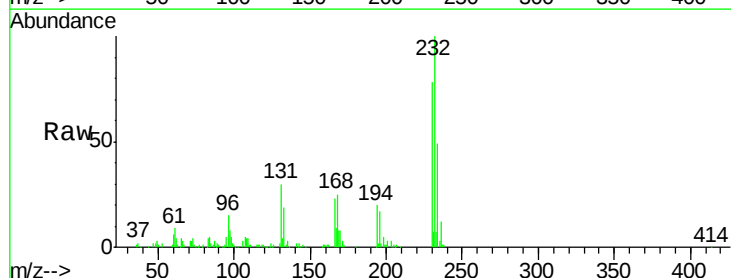
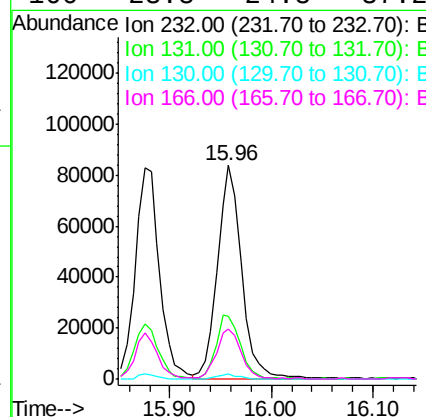
Manual Integrations
 APPROVED

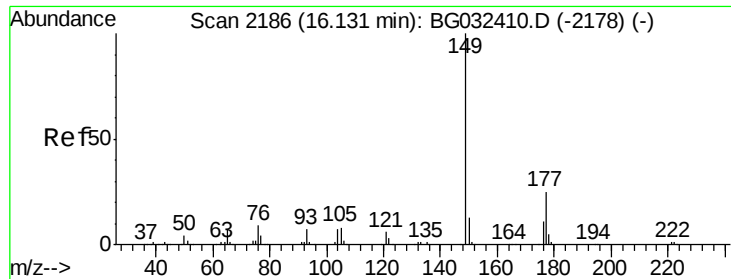
Sohil
 1/31/2018 8:31:11 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.756 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138086		
131	29.9	33.5	50.3#	
130	2.0	2.2	3.2#	
166	23.8	24.8	37.2#	





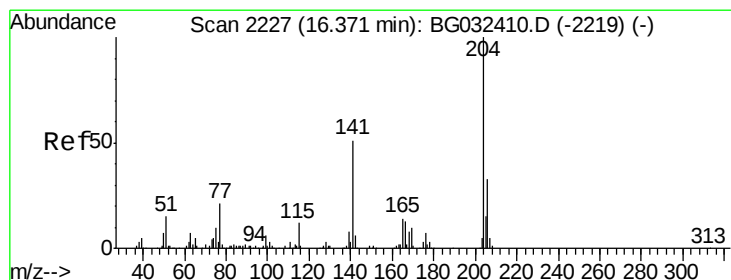
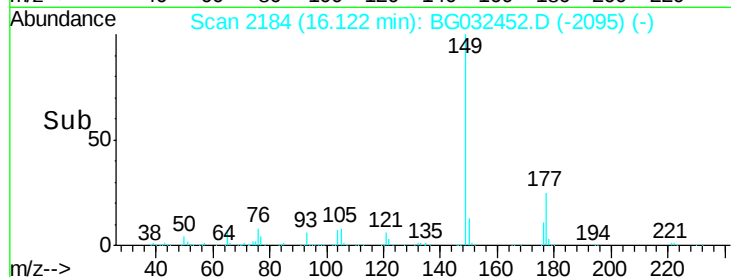
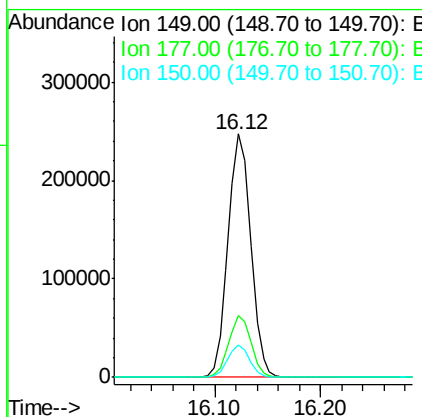
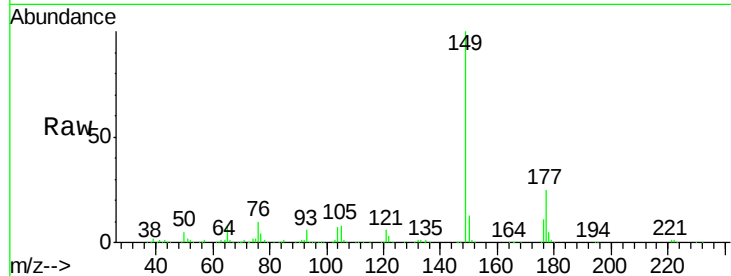
#59
Diethylphthalate
Concen: 50.976 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	13.4	10.2	15.2

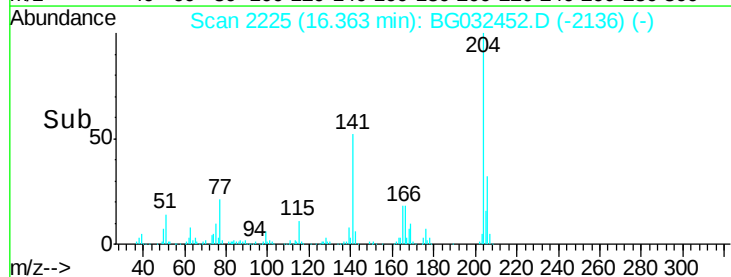
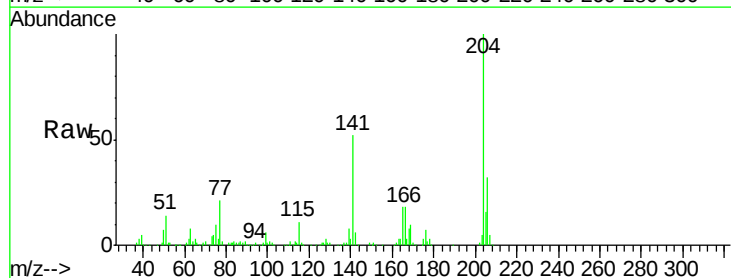
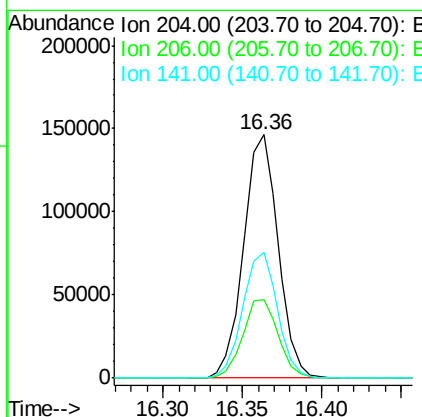
Manual Integrations
APPROVED

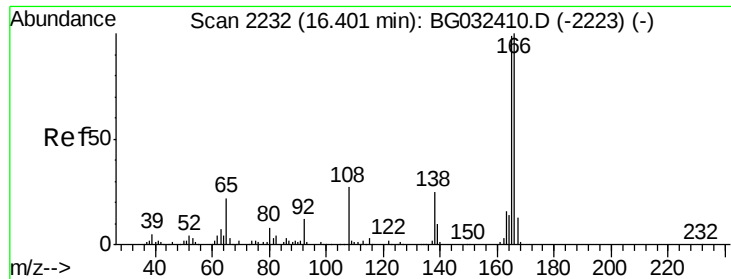
Sohil
1/31/2018 8:31:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.130 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	51.5	45.8	68.6





#61

4-Nitroaniline

Concen: 49.592 ng

RT: 16.40 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

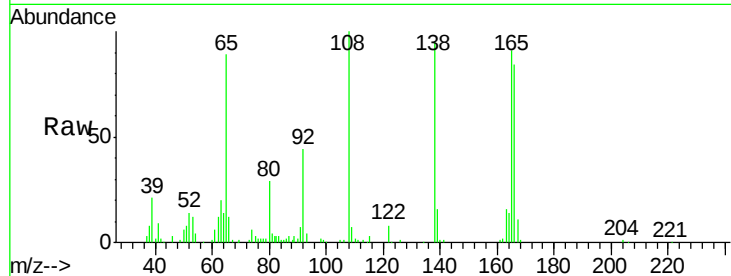
ClientSampleId :

EPE-106-5(100-102)MSD

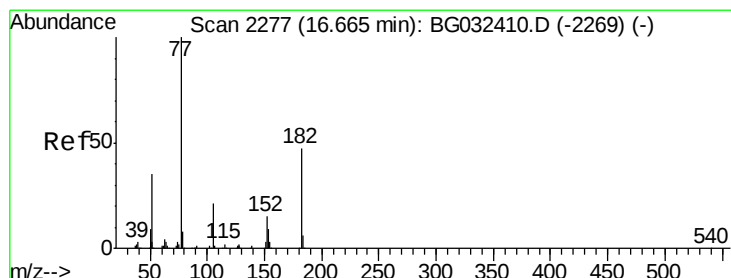
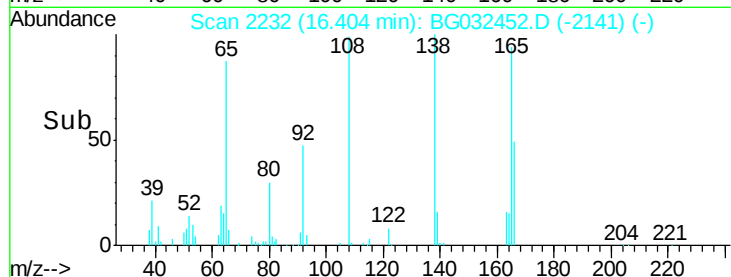
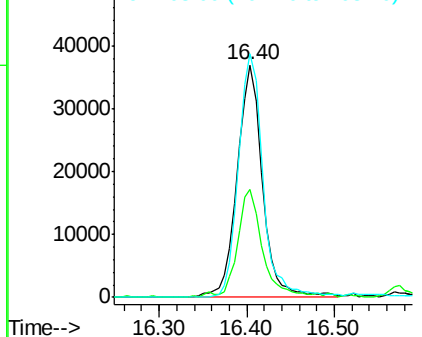
Tgt Ion:138 Resp: 72173
 Ion Ratio Lower Upper
 138 100
 92 46.6 40.1 80.1
 108 104.8 65.4 105.4

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM



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



#62

Azobenzene

Concen: 52.223 ng

RT: 16.66 min Scan# 2275

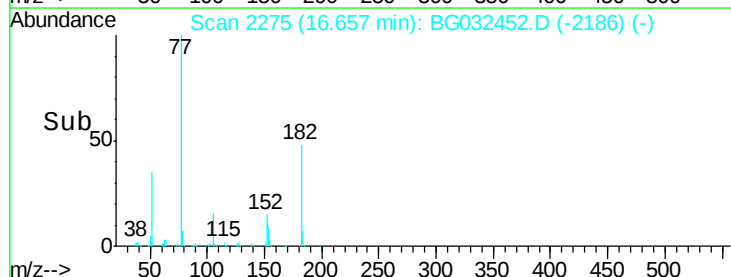
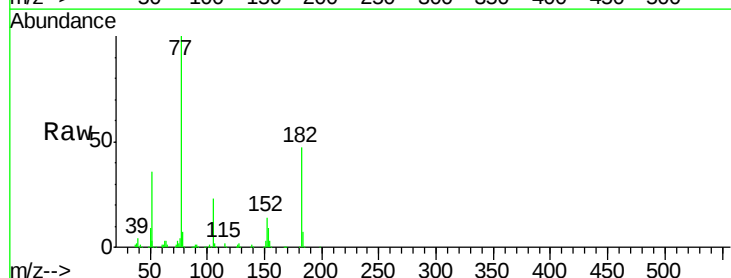
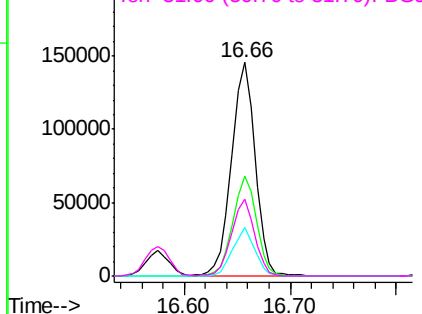
Delta R.T. -0.01 min

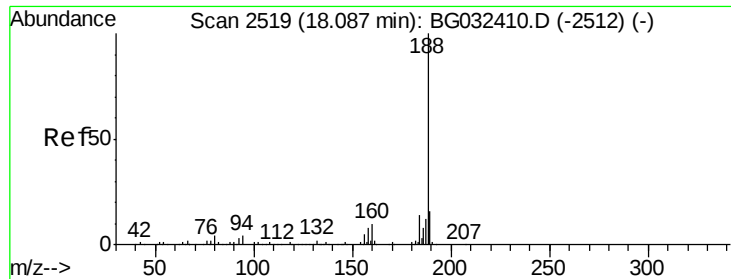
Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion: 77 Resp: 225125
 Ion Ratio Lower Upper
 77 100
 182 46.6 7.4 47.4
 105 23.0 0.3 40.3
 51 35.7 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
 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): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

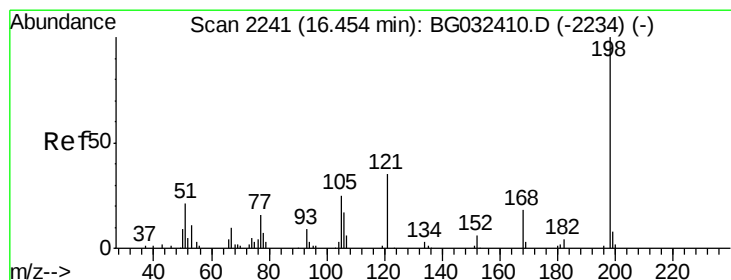
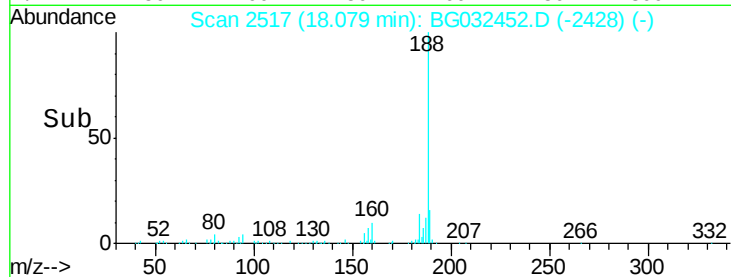
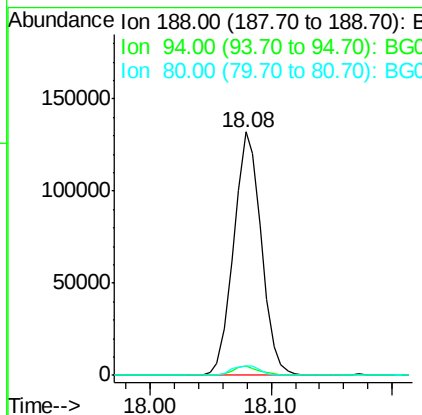
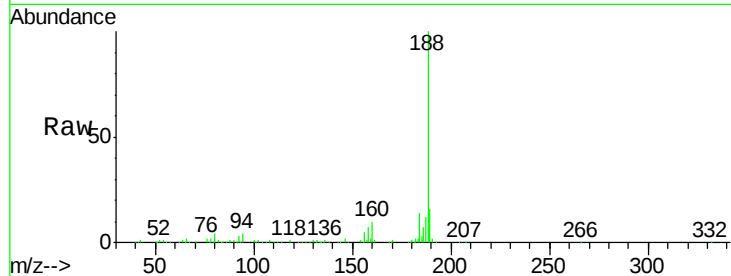
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion:	188	Resp:	210235
Ion Ratio	Lower	Upper	
188	100		
94	3.6	6.9	10.3#
80	4.0	7.7	11.5#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.596 ng

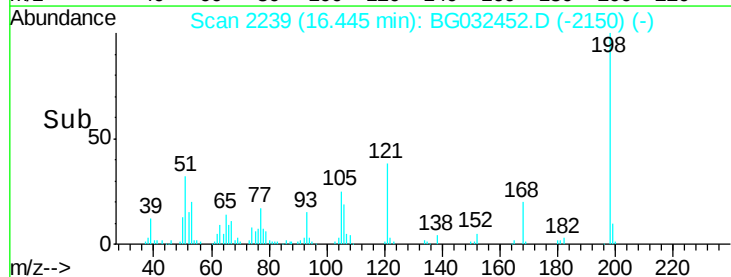
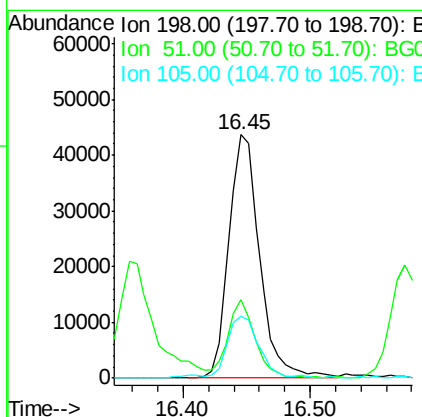
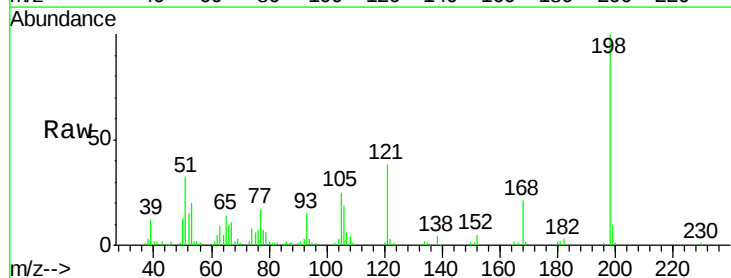
RT: 16.45 min Scan# 2239

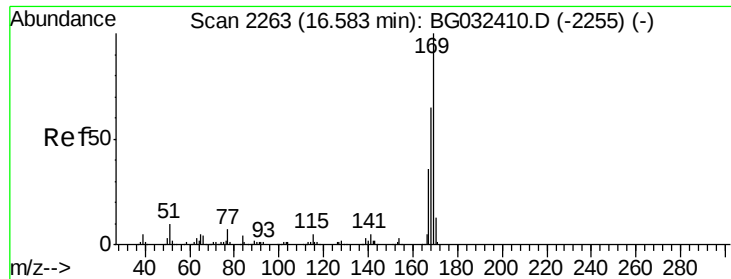
Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	198	Resp:	73184
Ion Ratio	Lower	Upper	
198	100		
51	32.0	30.6	70.6
105	25.2	23.8	63.8





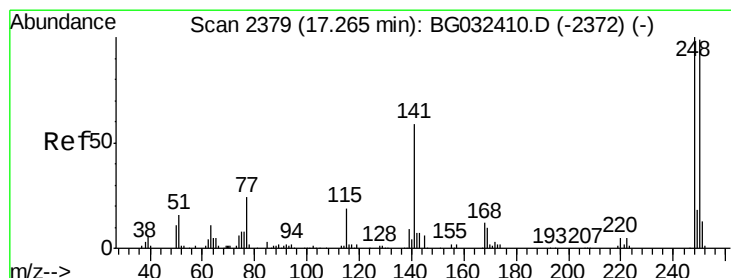
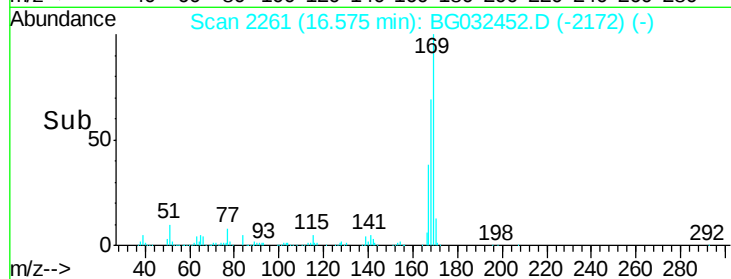
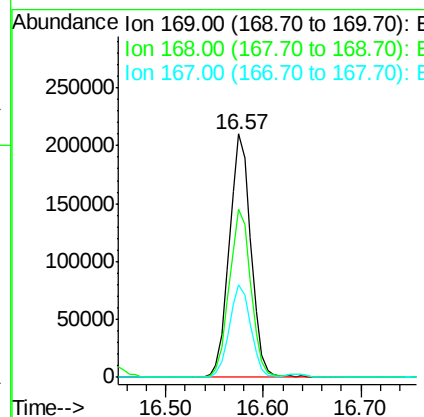
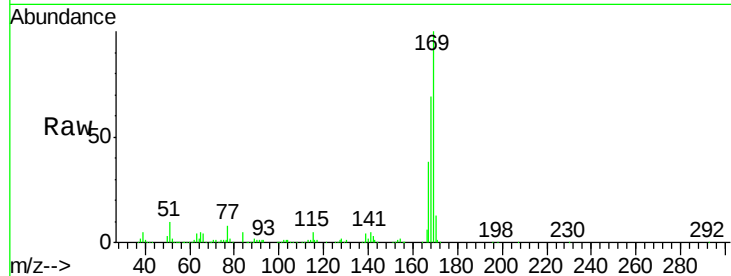
#65
 n-Nitrosodiphenylamine
 Concen: 51.572 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	323570		
168	69.0		55.7	83.5
167	37.9		30.1	45.1

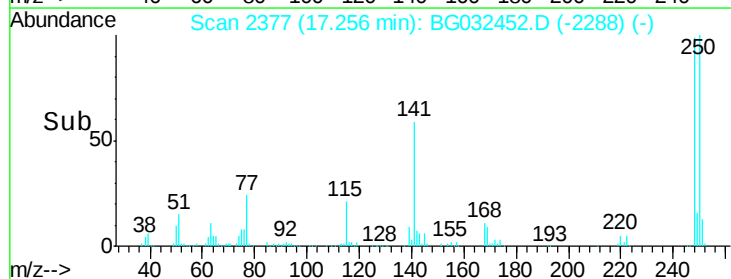
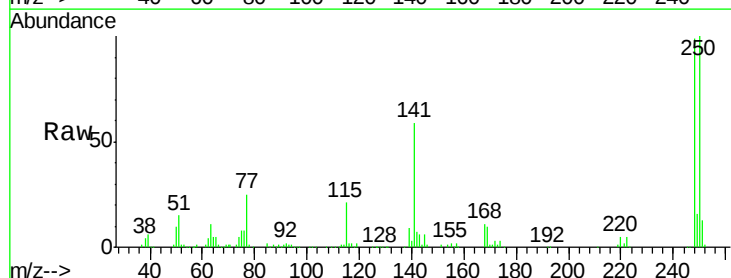
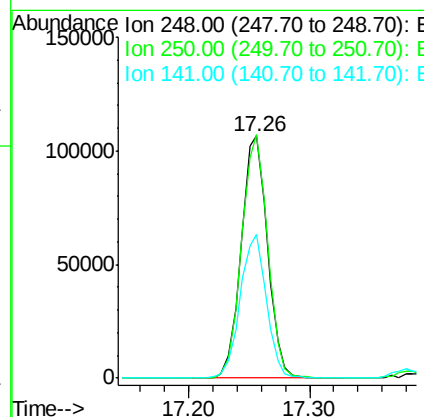
Manual Integrations
 APPROVED

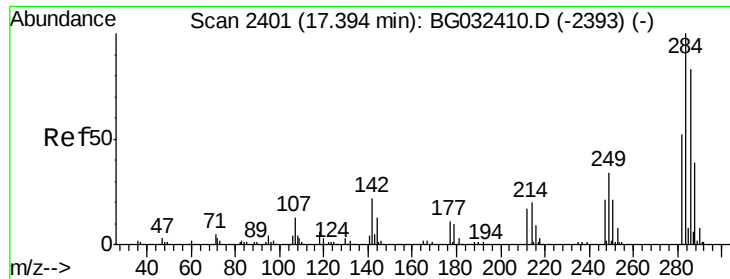
Sohil
 1/31/2018 8:31:11 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.902 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	161656		
250	100.7		77.1	115.7
141	59.3		50.8	76.2





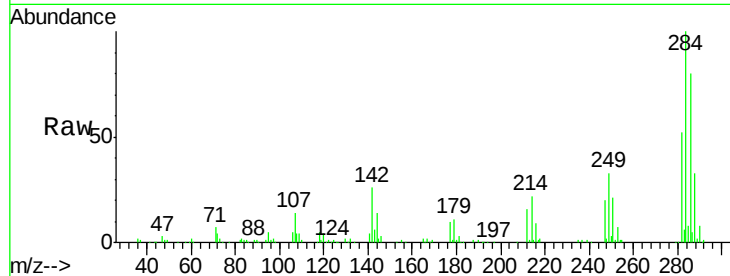
#67
Hexachlorobenzene
Concen: 50.744 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

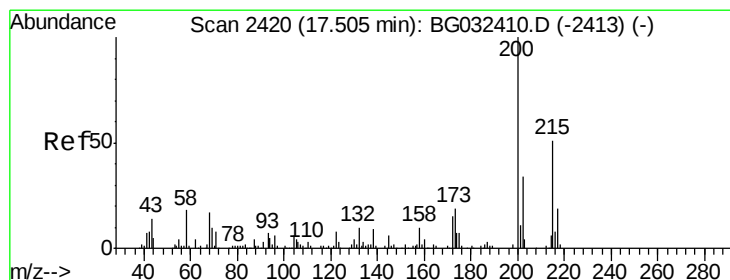
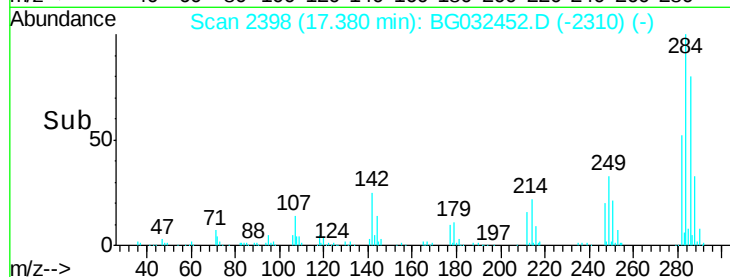
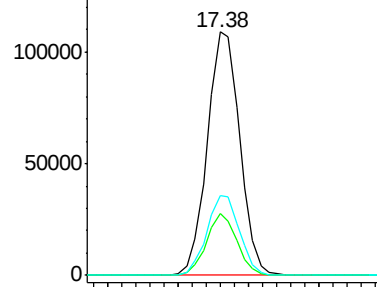
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	174903		
142	25.6	26.8	40.2#	
249	32.9	26.3	39.5	

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM

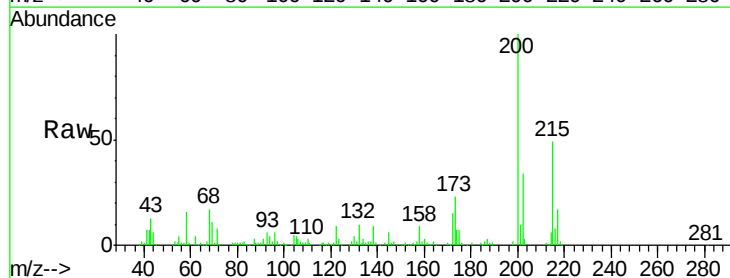


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

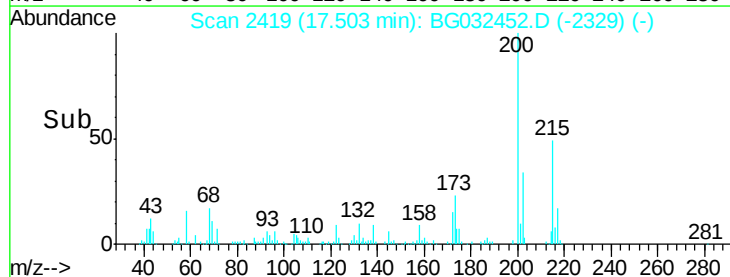
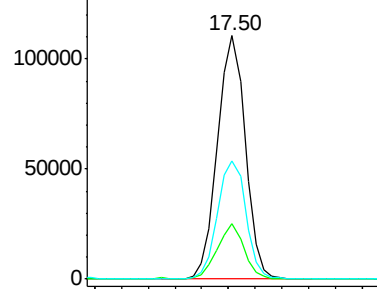


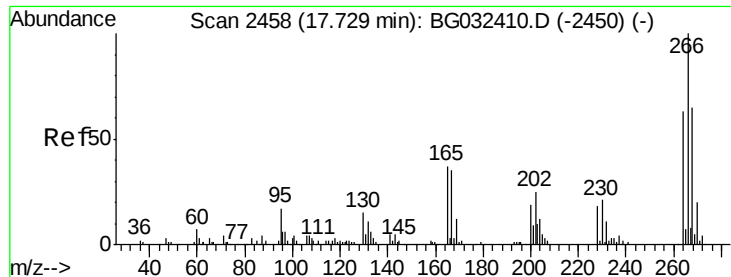
#68
Atrazine
Concen: 59.003 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	158917		
173	22.6	5.2	45.2	
215	48.8	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





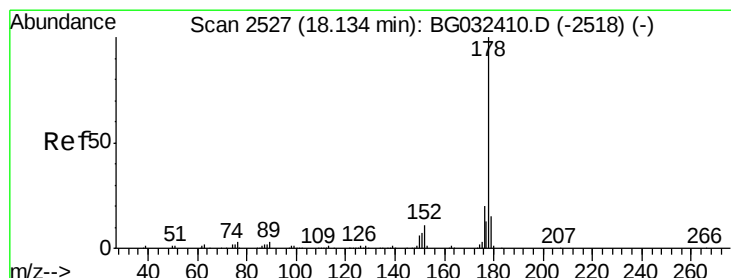
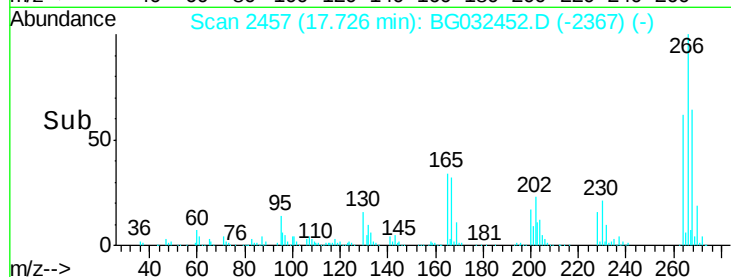
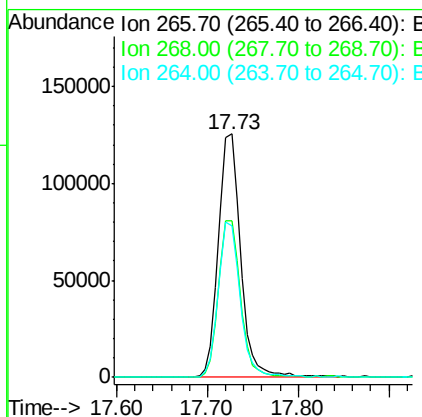
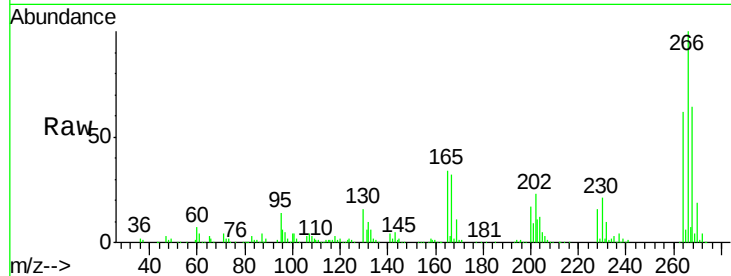
#69
 Pentachlorophenol
 Concen: 99.124 ng
 RT: 17.73 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	214029		
268	64.5	51.1	76.7	
264	62.0	49.6	74.4	

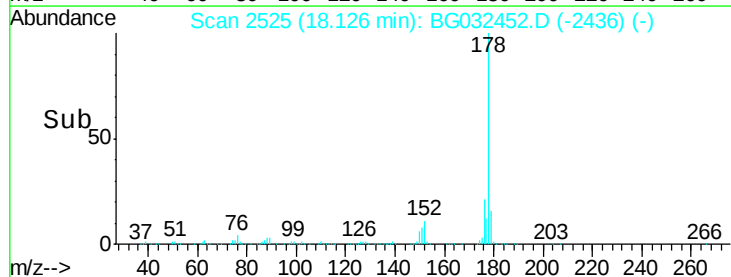
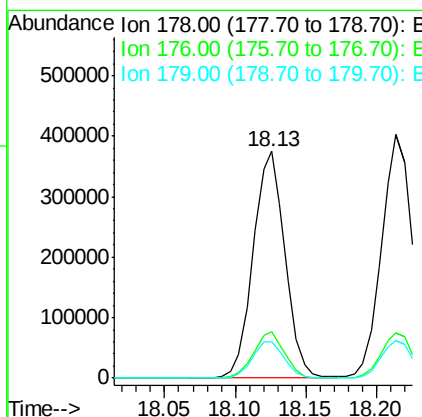
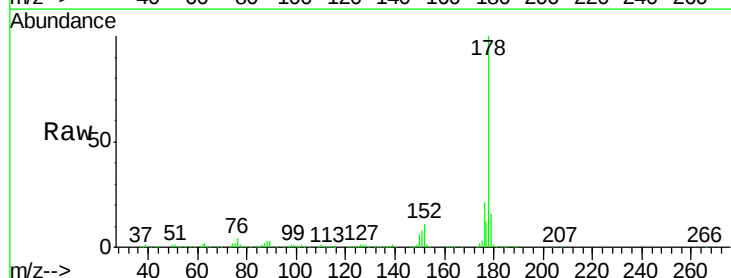
Manual Integrations
 APPROVED

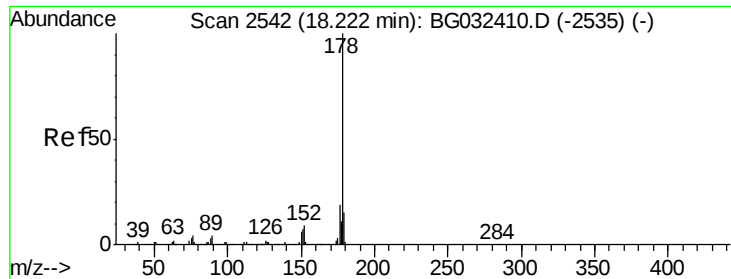
Sohil
 1/31/2018 8:31:11 PM



#70
 Phenanthrene
 Concen: 50.509 ng
 RT: 18.13 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	592172		
176	20.6	15.7	23.5	
179	16.1	12.5	18.7	





#71

Anthracene

Concen: 52.789 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

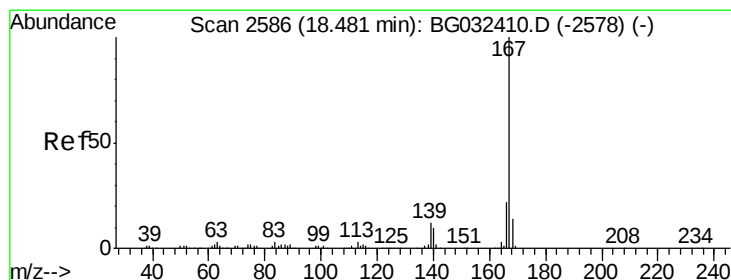
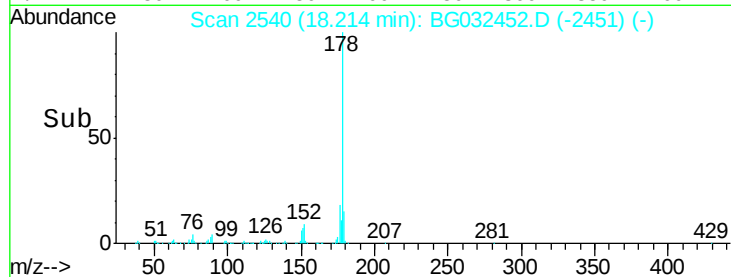
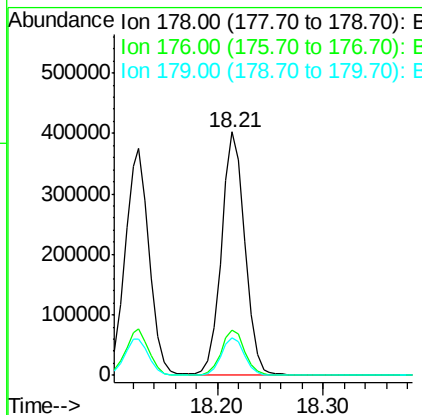
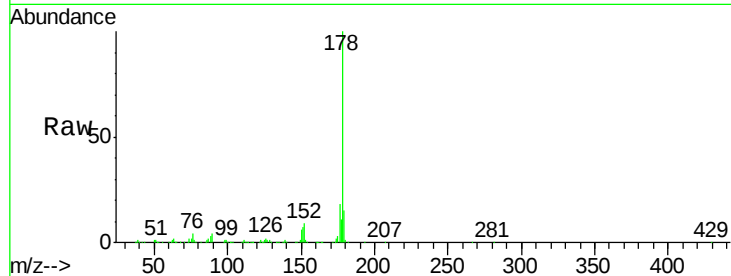
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion:	178	Resp:	616253
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.0	24.0
179	15.2	12.5	18.7

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#72

Carbazole

Concen: 51.984 ng

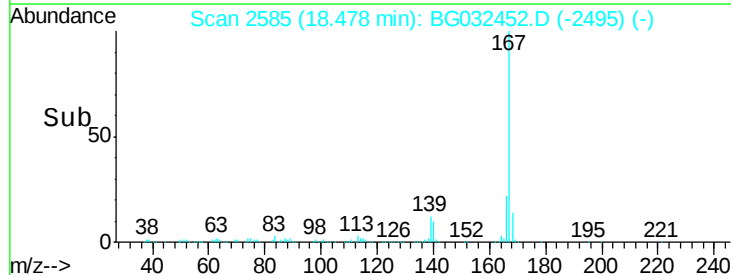
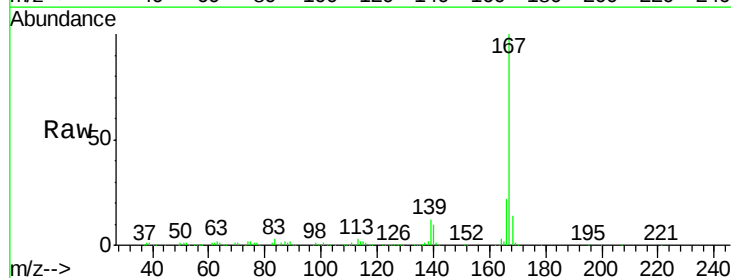
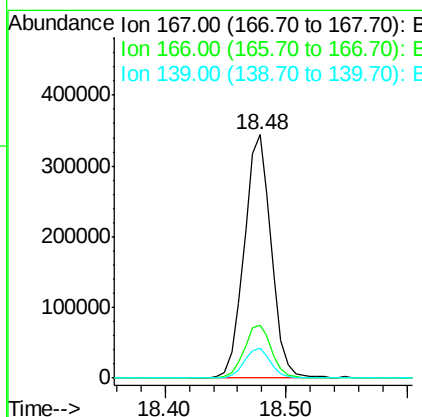
RT: 18.48 min Scan# 2585

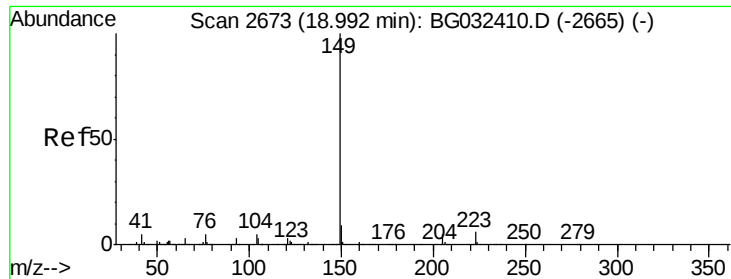
Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion:	167	Resp:	536191
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.2	27.4
139	12.4	9.4	14.2





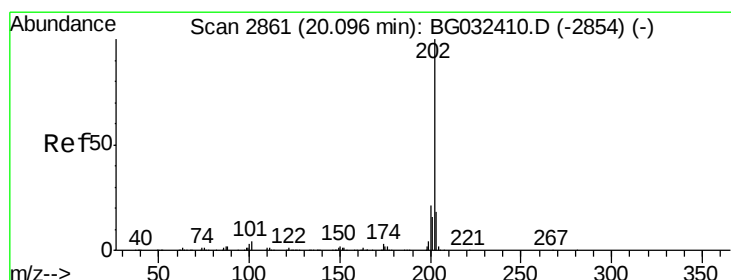
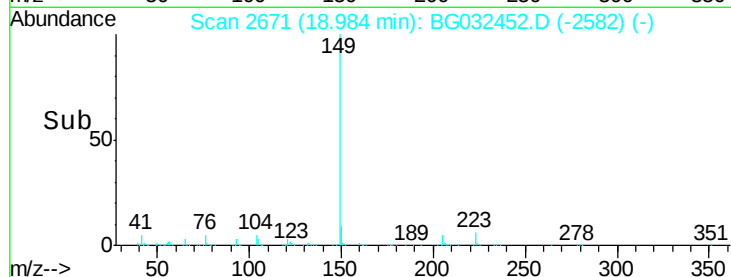
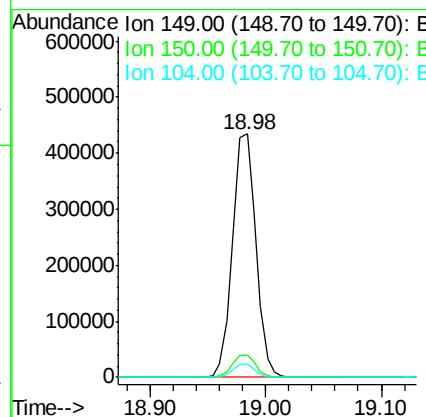
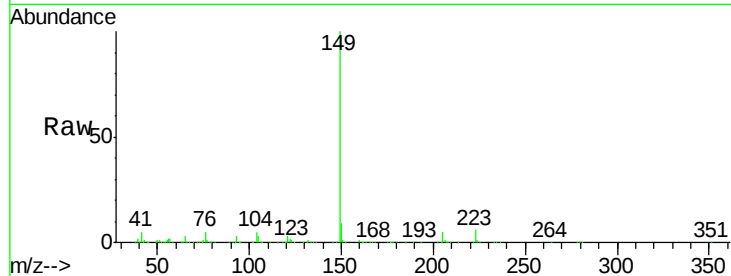
#73
Di-n-butylphthalate
Concen: 53.487 ng
RT: 18.98 min Scan# 2671
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.2	7.8	11.6
104	5.2	3.9	5.9

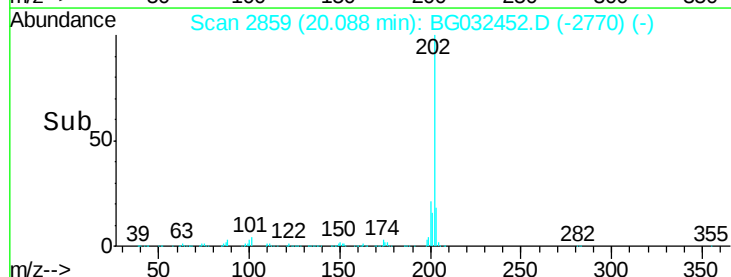
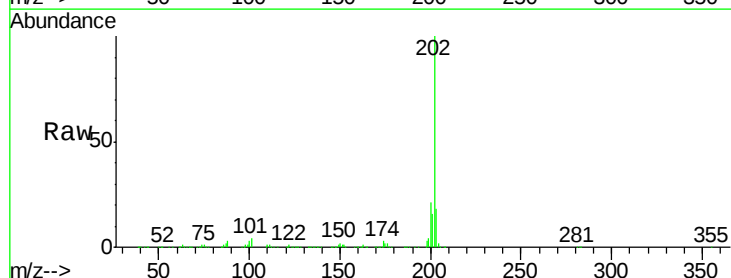
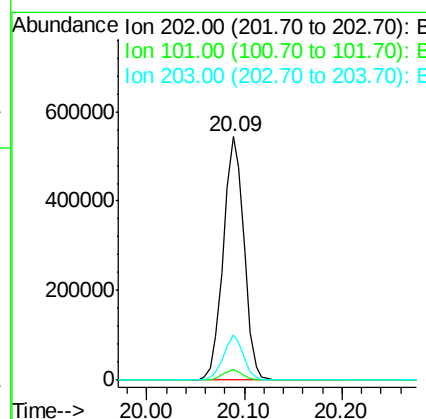
Manual Integrations
APPROVED

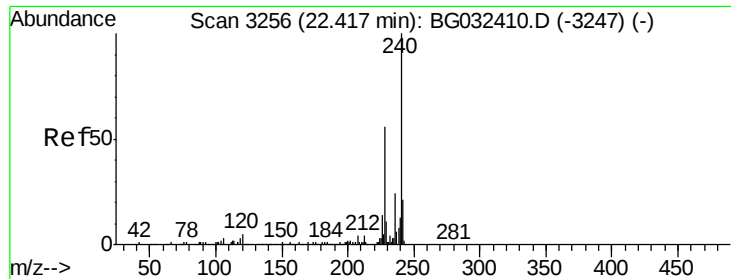
Sohil
1/31/2018 8:31:11 PM



#74
Fluoranthene
Concen: 51.615 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.2	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

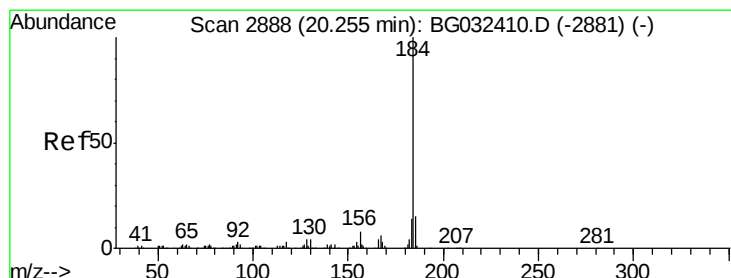
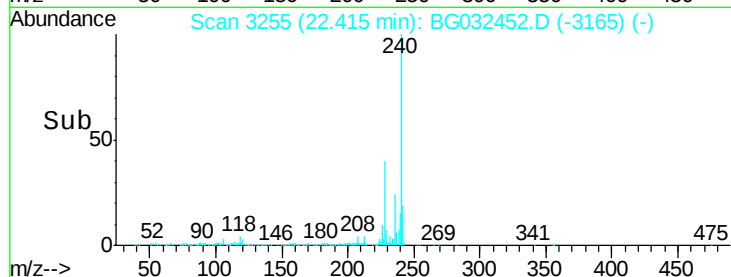
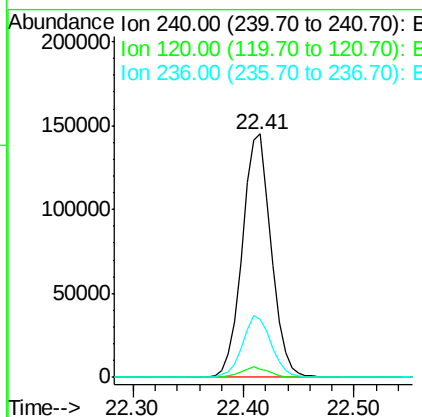
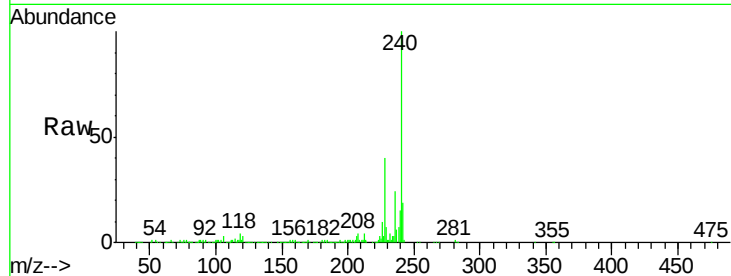
ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	266233		
120	3.4	6.8	10.2#	
236	24.0	20.9	31.3	

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#76

Benzidine

Concen: 66.961 ng

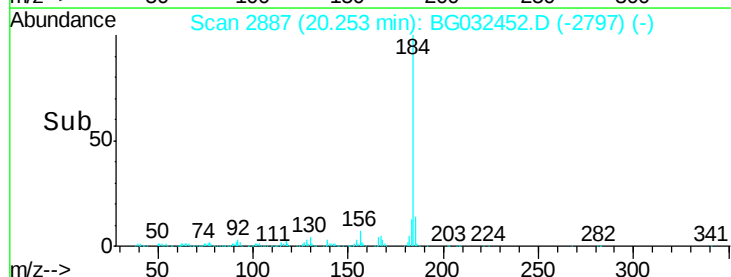
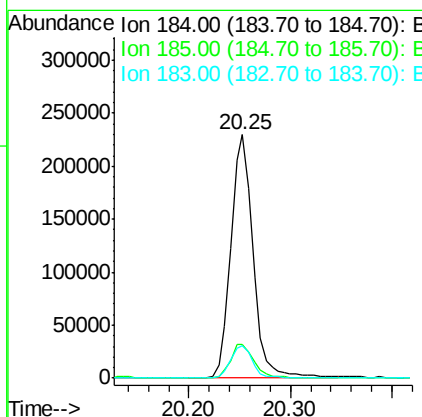
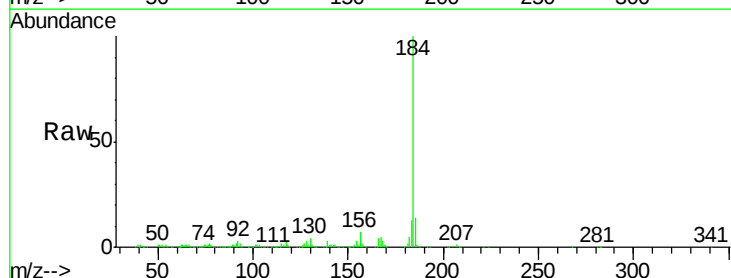
RT: 20.25 min Scan# 2887

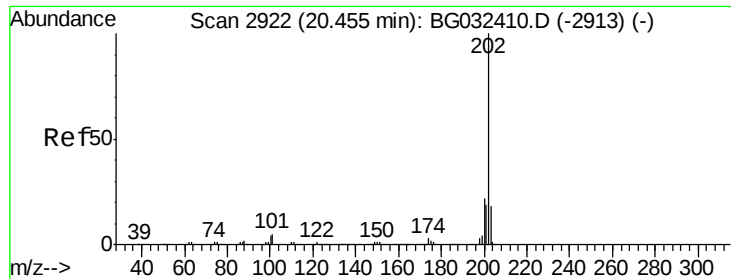
Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	350056		
185	13.9	11.1	16.7	
183	13.1	10.6	16.0	





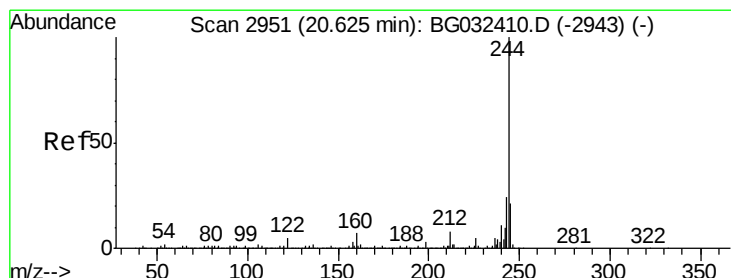
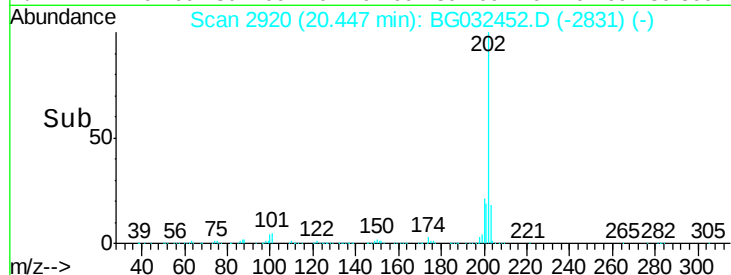
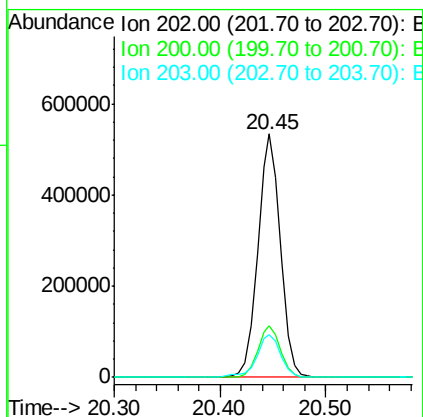
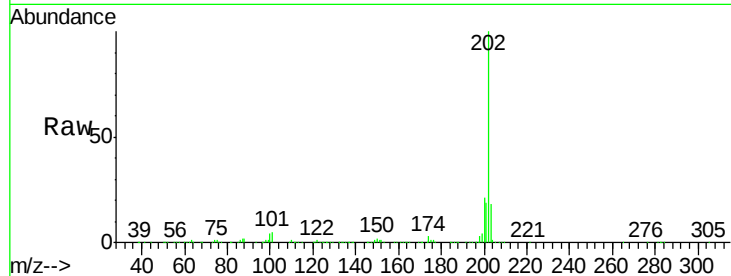
#77
 Pyrene
 Concen: 48.572 ng
 RT: 20.45 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	793144		
200	21.4	16.9	25.3	
203	17.7	13.9	20.9	

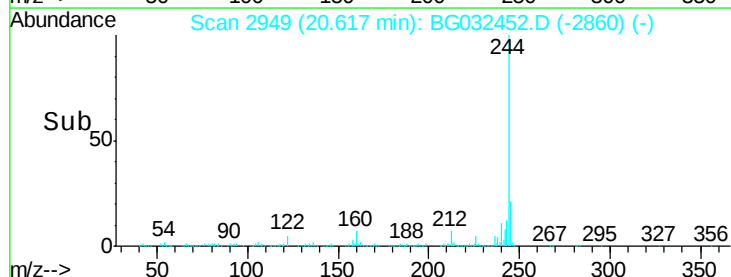
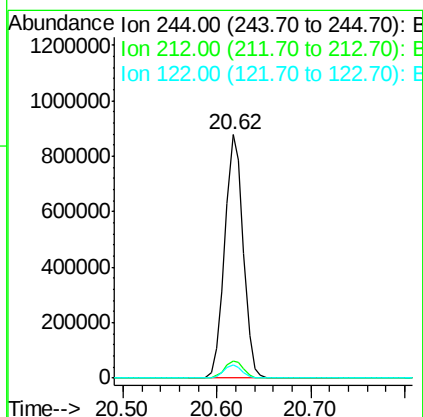
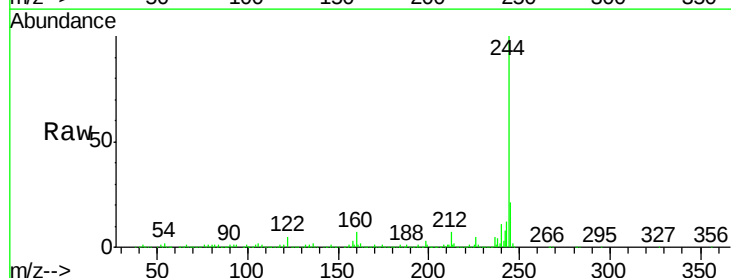
Manual Integrations
 APPROVED

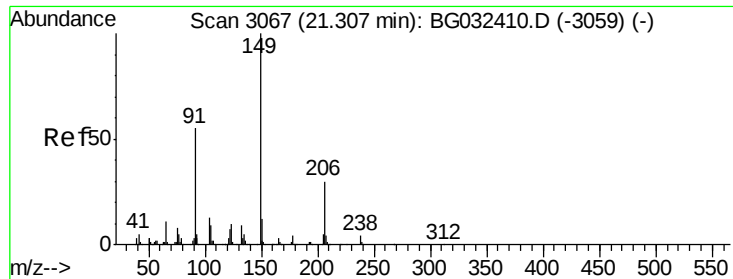
Sohil
 1/31/2018 8:31:11 PM



#78
 Terphenyl-d14
 Concen: 96.383 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1197920		
212	7.2	5.8	8.8	
122	5.3	7.0	10.4	





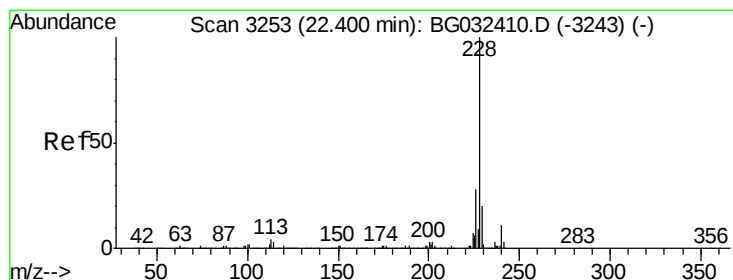
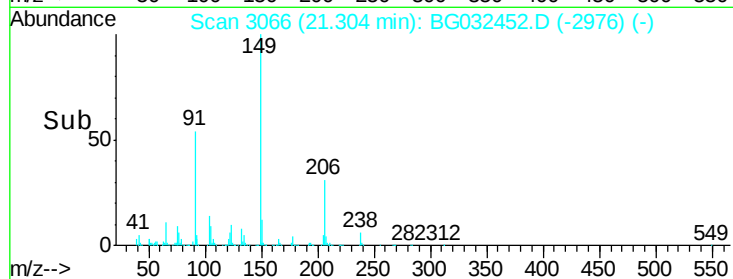
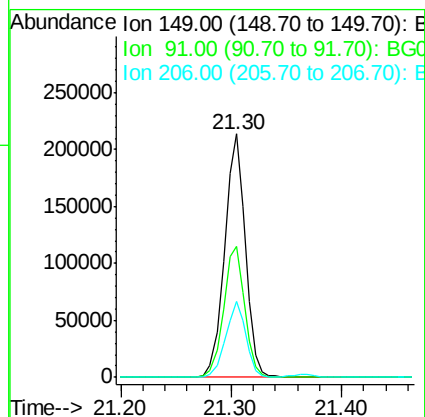
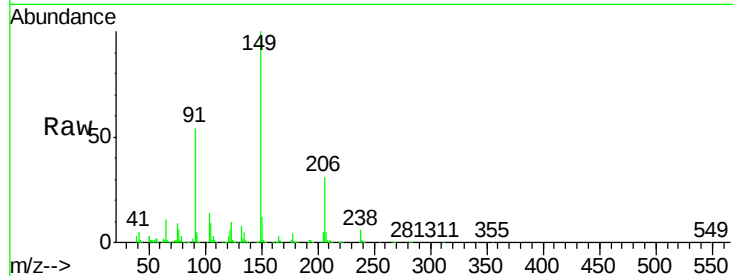
#79
Butylbenzylphthalate
Concen: 54.296 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	279657		
91	53.9	62.2	93.2#	
206	31.0	18.6	27.8#	

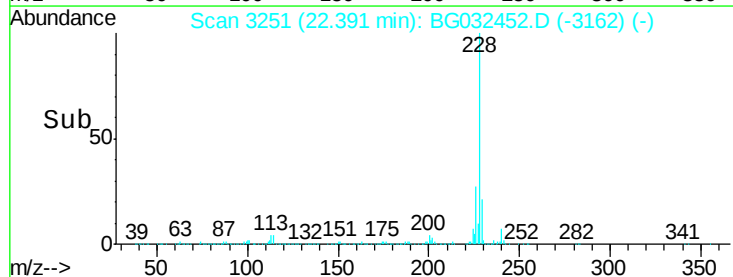
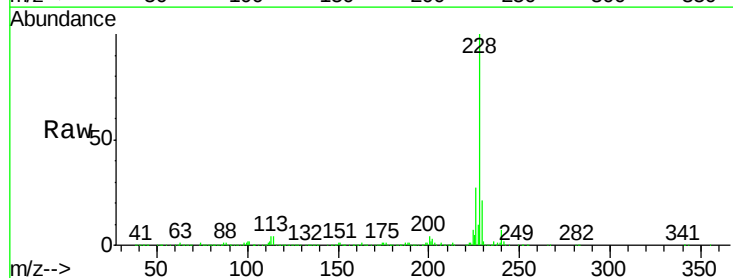
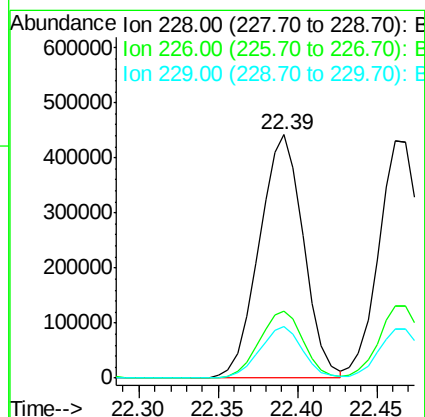
Manual Integrations
APPROVED

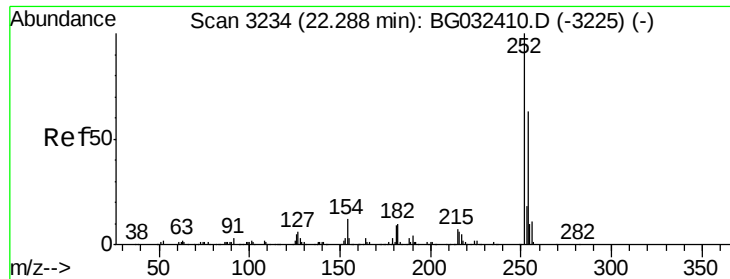
Sohil
1/31/2018 8:31:11 PM



#80
Benzo(a)anthracene
Concen: 51.879 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032452.D
Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	856266		
226	27.3	22.7	34.1	
229	21.1	16.2	24.2	





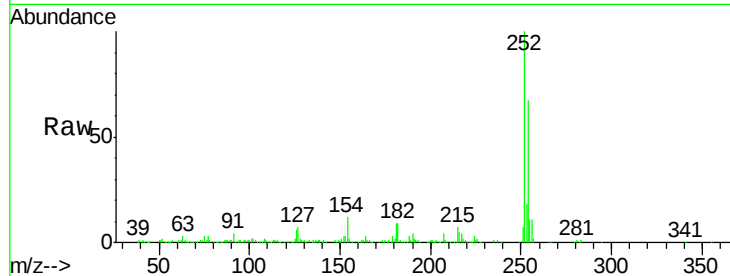
#81
 3,3'-Dichlorobenzidine
 Concen: 29.496 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

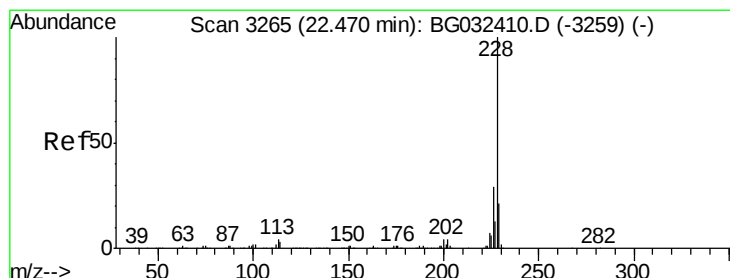
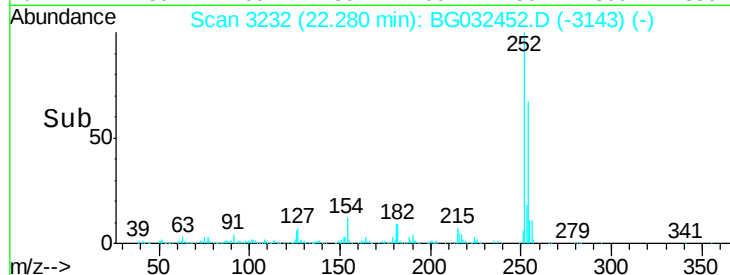
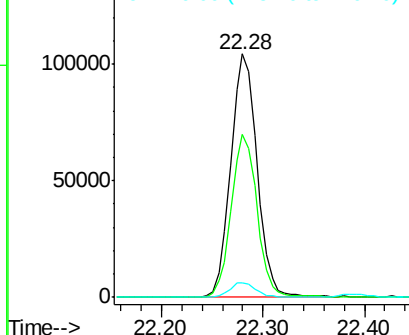
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.0	50.8	76.2
126	6.1	7.4	11.2

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:11 PM



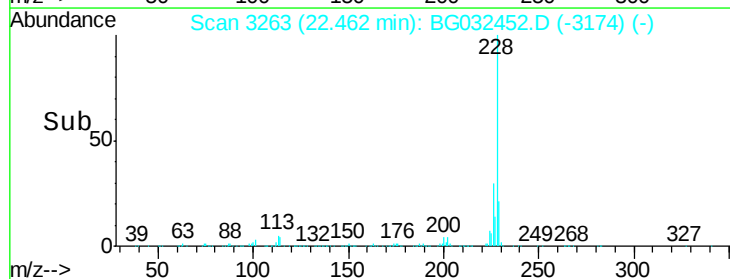
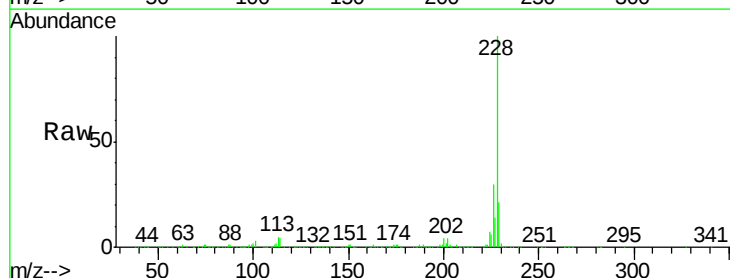
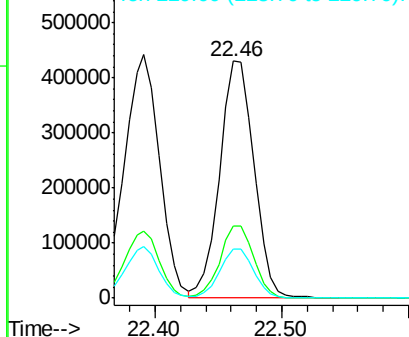
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

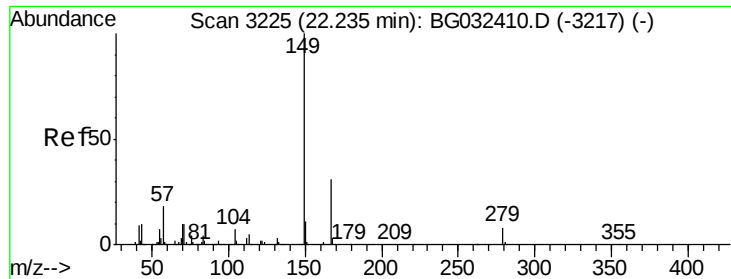


#82
 Chrysene
 Concen: 50.392 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.9	37.3
229	20.7	15.0	22.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.206 ng

RT: 22.23 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

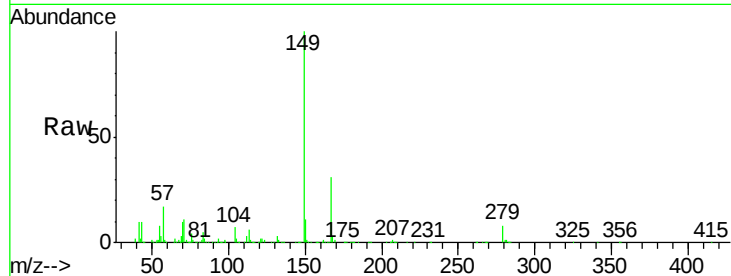
ClientSampleId :

EPE-106-5(100-102)MSD

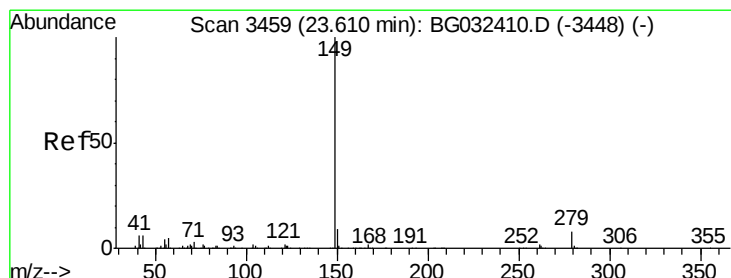
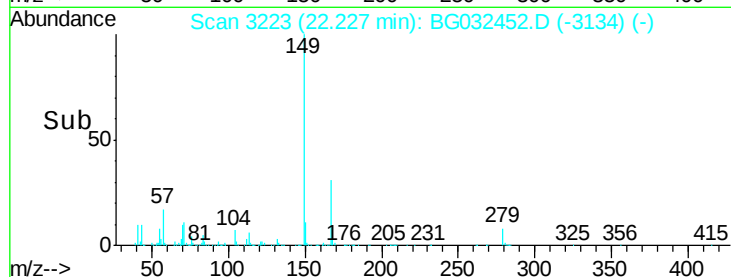
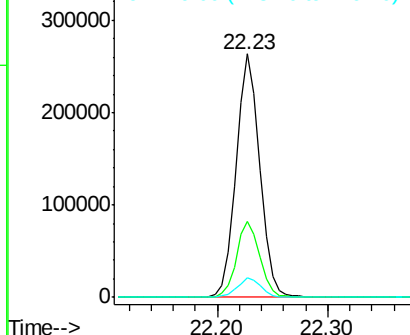
Tgt Ion:	149	Resp:	395867
Ion Ratio	Lower	Upper	
149	100		
167	31.0	24.3	36.5
279	8.1	4.0	6.0#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 59.355 ng

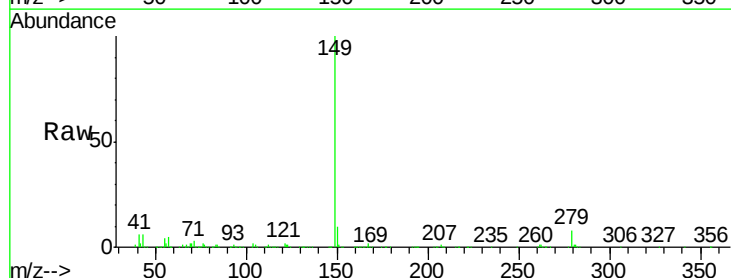
RT: 23.60 min Scan# 3456

Delta R.T. -0.01 min

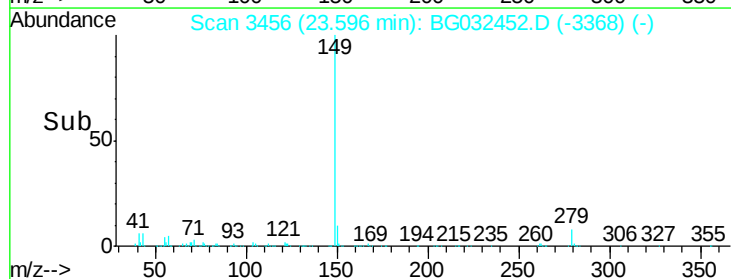
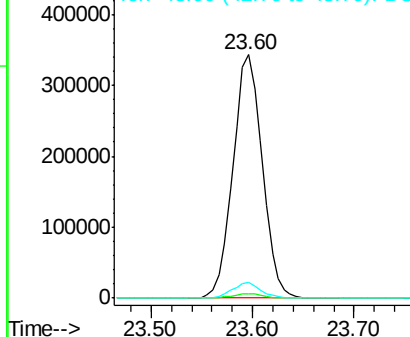
Lab File: BG032452.D

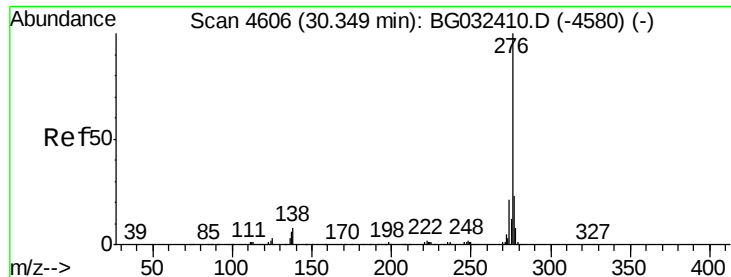
Acq: 30 Jan 2018 21:37

Tgt Ion:	149	Resp:	687542
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO





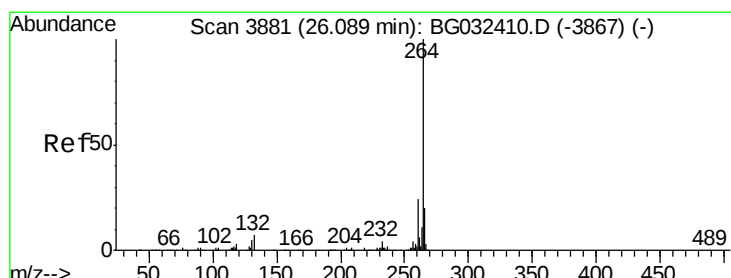
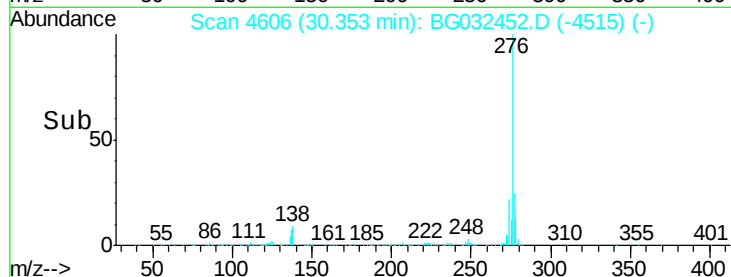
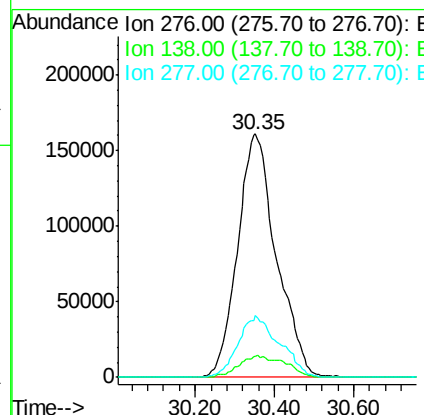
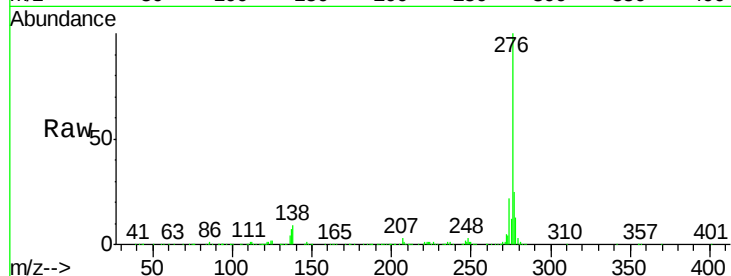
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.203 ng
 RT: 30.35 min Scan# 4606
 Delta R.T. 0.00 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-5(100-102)MSD

Tgt Ion:276 Resp: 1092941
 Ion Ratio Lower Upper
 276 100
 138 7.3 16.0 24.0#
 277 26.9 20.0 30.0

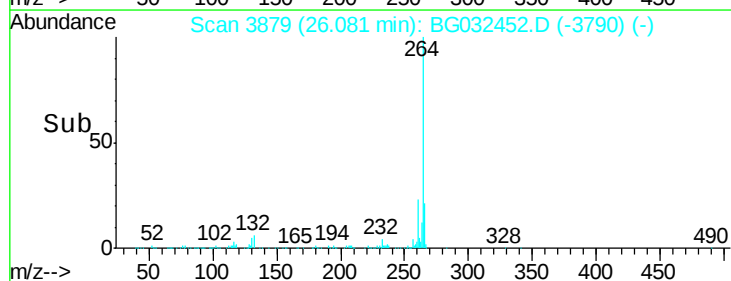
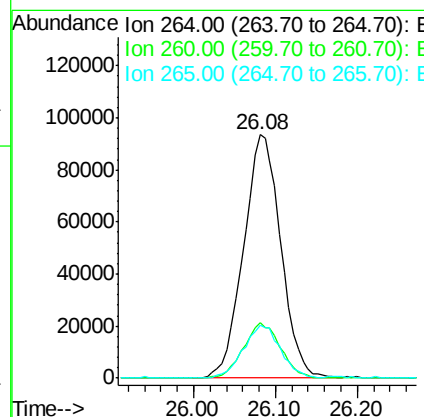
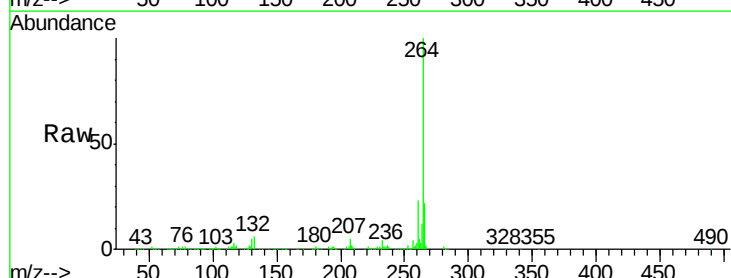
Manual Integrations
 APPROVED

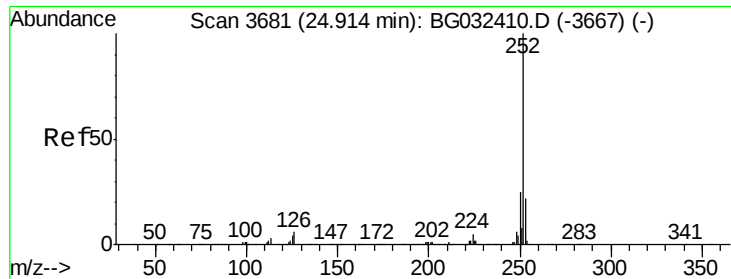
Sohil
 1/31/2018 8:31:11 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032452.D
 Acq: 30 Jan 2018 21:37

Tgt Ion:264 Resp: 296029
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 51.544 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG032452.D

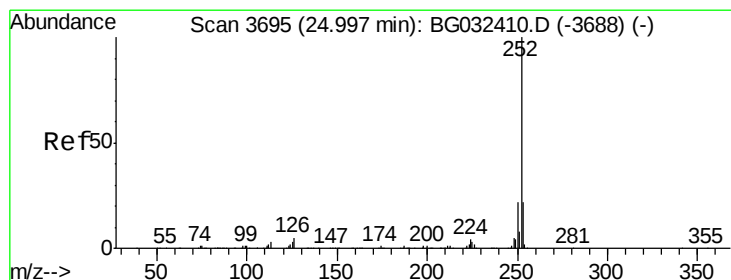
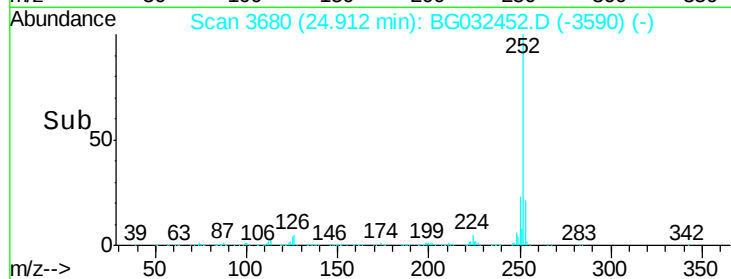
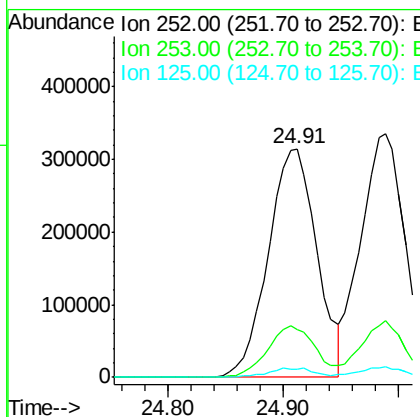
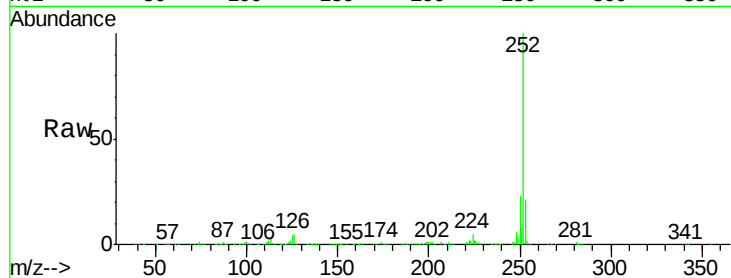
Acq: 30 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	3.7	7.2	10.8

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#88

Benzo(k)fluoranthene

Concen: 50.336 ng

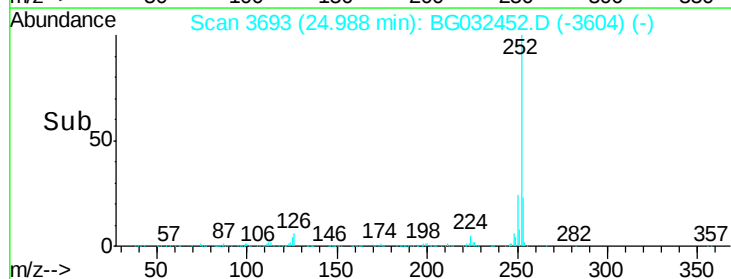
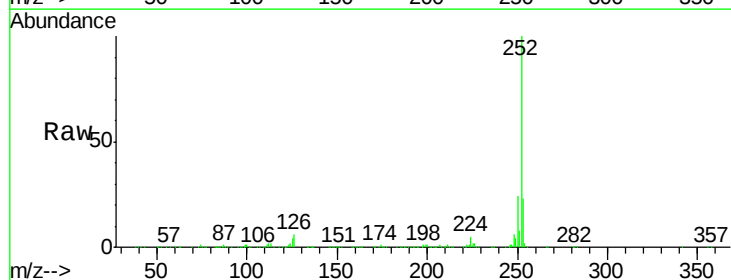
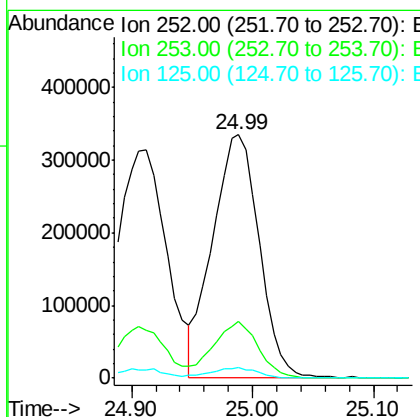
RT: 24.99 min Scan# 3693

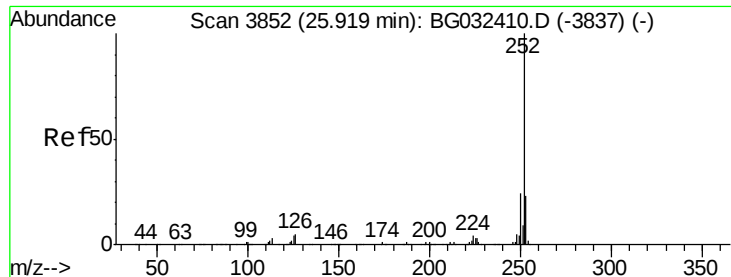
Delta R.T. -0.01 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	4.4	6.6	9.8





#89

Benzo(a)pyrene

Concen: 52.136 ng

RT: 25.92 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BG032452.D

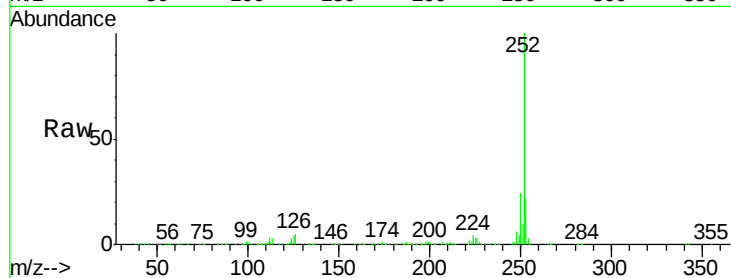
Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

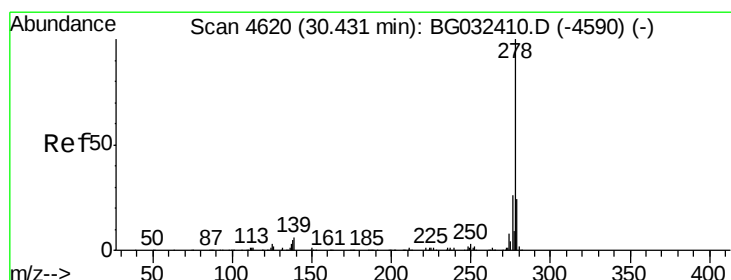
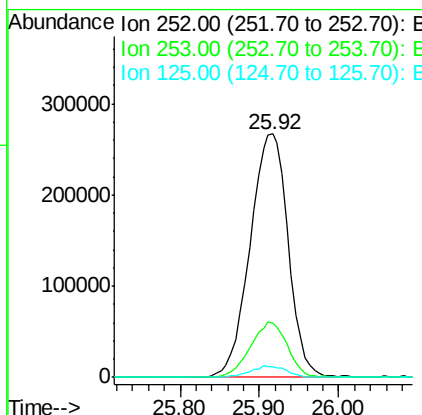
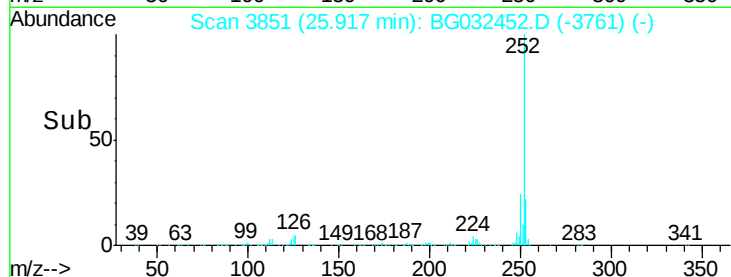
EPE-106-5(100-102)MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	4.3	7.3	10.9#

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM



#90

Dibenzo(a,h)anthracene

Concen: 52.760 ng

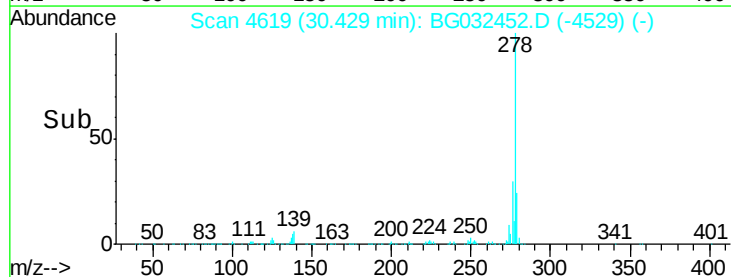
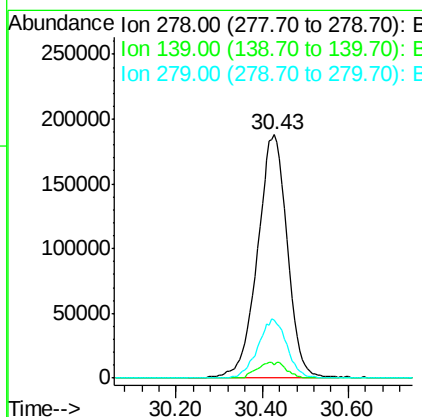
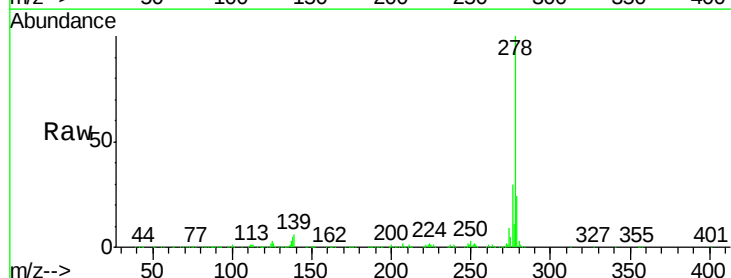
RT: 30.43 min Scan# 4619

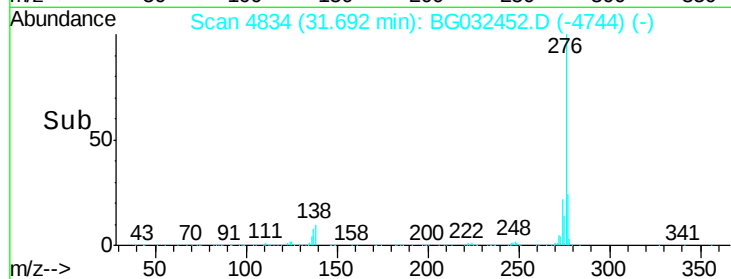
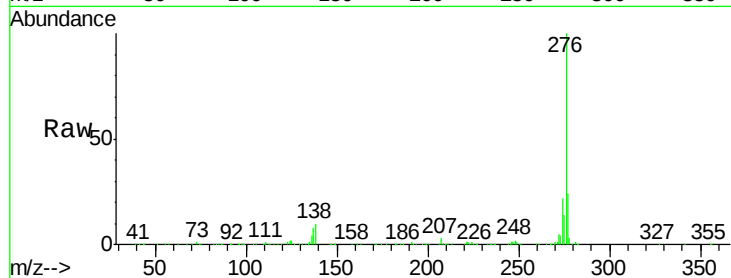
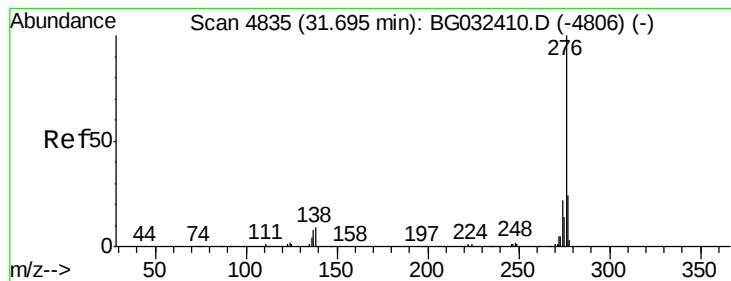
Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	5.6	9.8	14.6#
279	23.8	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 52.112 ng

RT: 31.69 min Scan# 4834

Delta R.T. -0.00 min

Lab File: BG032452.D

Acq: 30 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

EPE-106-5(100-102)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	9.6	13.9	20.9

Manual Integrations
APPROVED

Sohil
1/31/2018 8:31:11 PM

