

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036271.D
 Acq On : 10 Aug 2018 17:24
 Operator : JU/SJ
 Sample : PB111936BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Manual Integrations
 APPROVED

Sohil
 8/13/2018 6:08:35 PM

Quant Time: Aug 10 23:31:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	24050	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90144	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	63632	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	182072	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	201178	20.00	ng	-0.02
86) Perylene-d12	24.82	264	193975	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	214495	148.07	ng	0.00
7) Phenol-d6	7.18	99	313923	145.25	ng	-0.01
23) Nitrobenzene-d5	9.17	82	160440	74.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	157138	187.36	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	383827	80.81	ng	-0.03
78) Terphenyl-d14	19.98	244	754733	82.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	24776	33.604	ng	# 75
3) Pyridine	3.90	79	67237	34.933	ng	# 75
4) n-Nitrosodimethylamine	3.82	42	26100	31.581	ng	# 82
6) Aniline	7.34	93	74702	26.667	ng	94
8) 2-Chlorophenol	7.58	128	59323	40.266	ng	97
9) Benzaldehyde	7.15	77	32598	24.582	ng	91
10) Phenol	7.21	94	89142	40.825	ng	86
11) bis(2-Chloroethyl)ether	7.42	93	60837	35.577	ng	87
12) 1,3-Dichlorobenzene	7.89	146	70505	39.629	ng	95
13) 1,4-Dichlorobenzene	8.04	146	71618	39.619	ng	96
14) 1,2-Dichlorobenzene	8.36	146	67291	38.749	ng	98
15) Benzyl Alcohol	8.25	79	64873	33.054	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	65847	45.930	ng	70
17) 2-Methylphenol	8.46	107	58221	39.217	ng	# 89
18) Hexachloroethane	9.09	117	27144	39.272	ng	# 81
19) n-Nitroso-di-n-propylamine	8.80	70	55154	30.305	ng	# 88
20) 3+4-Methylphenols	8.78	107	79249	38.479	ng	95
22) Acetophenone	8.83	105	104507	37.281	ng	# 93
24) Nitrobenzene	9.21	77	87085	40.129	ng	90
25) Isophorone	9.73	82	156997	39.193	ng	99
26) 2-Nitrophenol	9.92	139	36873	47.842	ng	# 87
27) 2,4-Dimethylphenol	9.98	122	58793	45.065	ng	84
28) bis(2-Chloroethoxy)methane	10.21	93	83551	37.853	ng	95
29) 2,4-Dichlorophenol	10.47	162	68641	46.091	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	80557	44.113	ng	96
31) Naphthalene	10.85	128	185643	39.535	ng	99
32) Benzoic acid	10.15	122	18559m	21.131	ng	
33) 4-Chloroaniline	10.98	127	50128	24.493	ng	# 89
34) Hexachlorobutadiene	11.14	225	65754	46.175	ng	97
35) Caprolactam	11.75	113	22658	35.453	ng	# 66
36) 4-Chloro-3-methylphenol	12.10	107	83567	41.863	ng	97
37) 2-Methylnaphthalene	12.46	142	146865	41.981	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	106636	44.400	ng	98
40) Hexachlorocyclopentadiene	12.80	237	125407	99.565	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036271.D
 Acq On : 10 Aug 2018 17:24
 Operator : JU/SJ
 Sample : PB111936BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB111936BSD

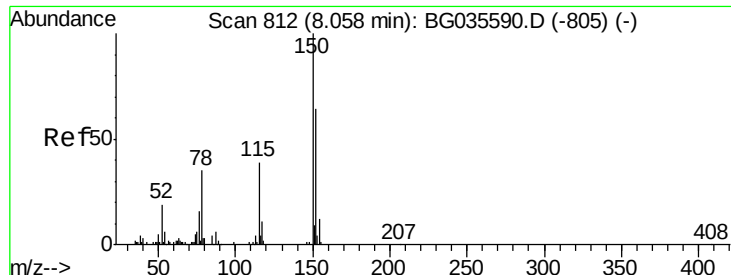
Manual Integrations
 APPROVED

Sohil
 8/13/2018 6:08:35 PM

Quant Time: Aug 10 23:31:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	64618	46.007	ng	90
43) 2,4,5-Trichlorophenol	13.16	196	74012	47.105	ng	95
45) 1,1'-Biphenyl	13.47	154	202003	40.946	ng	99
46) 2-Chloronaphthalene	13.51	162	160996	41.955	ng	97
47) 2-Nitroaniline	13.72	65	55744	41.090	ng	94
48) Acenaphthylene	14.36	152	272080	42.327	ng	96
49) Dimethylphthalate	14.08	163	218961	39.275	ng #	98
50) 2,6-Dinitrotoluene	14.21	165	50731	44.685	ng	97
51) Acenaphthene	14.70	154	154910	38.686	ng	97
52) 3-Nitroaniline	14.55	138	37174	32.037	ng #	92
53) 2,4-Dinitrophenol	14.75	184	35189	61.897	ng #	74
54) Dibenzofuran	15.03	168	268261	42.125	ng	92
55) 4-Nitrophenol	14.87	139	54051	65.408	ng #	81
56) 2,4-Dinitrotoluene	15.00	165	77320	47.472	ng #	85
57) Fluorene	15.68	166	226624	42.459	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	76571	50.828	ng #	92
59) Diethylphthalate	15.44	149	224419	39.148	ng	98
60) 4-Chlorophenyl-phenylether	15.67	204	130061	41.459	ng	98
61) 4-Nitroaniline	15.71	138	47293m	38.963	ng	
62) Azobenzene	15.96	77	227809	40.287	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	41709	41.152	ng	88
65) n-Nitrosodiphenylamine	15.88	169	199924	38.577	ng	98
66) 4-Bromophenyl-phenylether	16.56	248	90875	43.021	ng	99
67) Hexachlorobenzene	16.68	284	94541	43.461	ng	94
68) Atrazine	16.83	200	93903	44.008	ng	96
69) Pentachlorophenol	17.03	266	75435	56.933	ng	98
70) Phenanthrene	17.42	178	380540	41.886	ng	99
71) Anthracene	17.51	178	384801	42.537	ng	97
72) Carbazole	17.78	167	349012	40.625	ng	98
73) Di-n-butylphthalate	18.33	149	403044	39.700	ng #	97
74) Fluoranthene	19.42	202	522474	42.695	ng	96
76) Benzidine	19.61	184	167431	31.656	ng	99
77) Pyrene	19.79	202	520346	40.905	ng	99
79) Butylbenzylphthalate	20.67	149	186952	41.098	ng #	98
80) Benzo(a)anthracene	21.62	228	515110	41.088	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	138474	31.678	ng #	98
82) Chrysene	21.69	228	488420	42.041	ng	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	257014	41.559	ng #	99
84) Di-n-octyl phthalate	22.71	149	436476	42.152	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	514170	39.975	ng #	87
87) Benzo(b)fluoranthene	23.81	252	496843	42.142	ng #	96
88) Benzo(k)fluoranthene	23.88	252	471641	40.919	ng #	98
89) Benzo(a)pyrene	24.67	252	469360	42.793	ng #	95
90) Dibenzo(a,h)anthracene	28.50	278	421058	39.103	ng #	95
91) Benzo(g,h,i)perylene	29.58	276	429995	40.808	ng #	92

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



#1

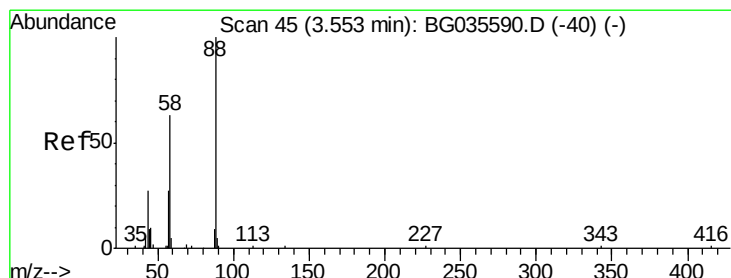
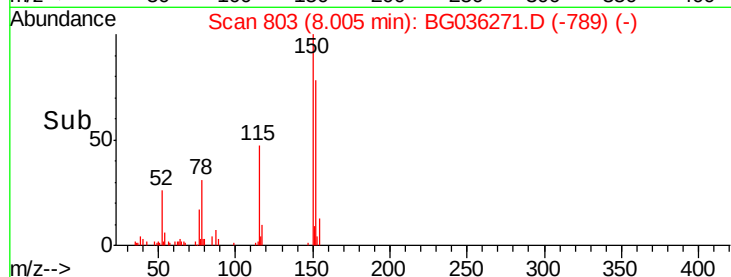
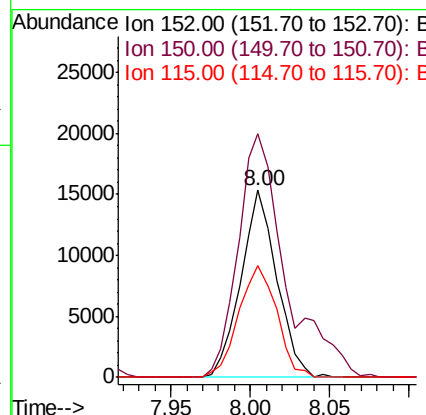
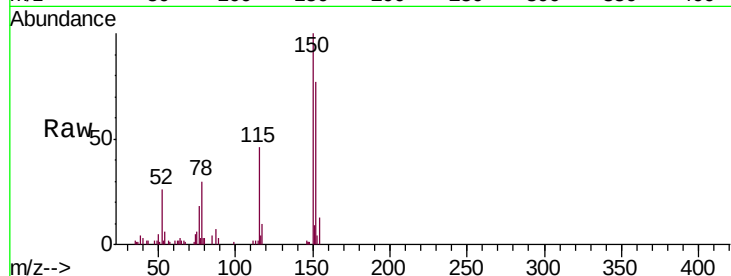
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	130.4	126.6	189.8
115	60.1	53.0	79.4

Manual Integrations
APPROVED

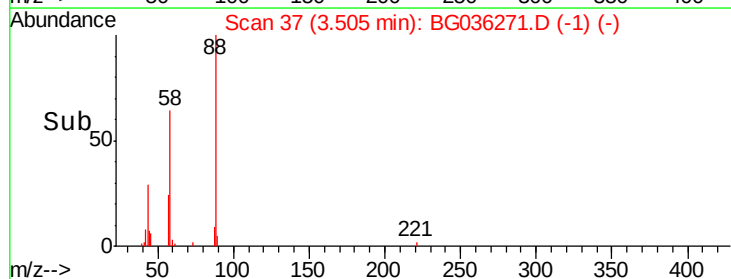
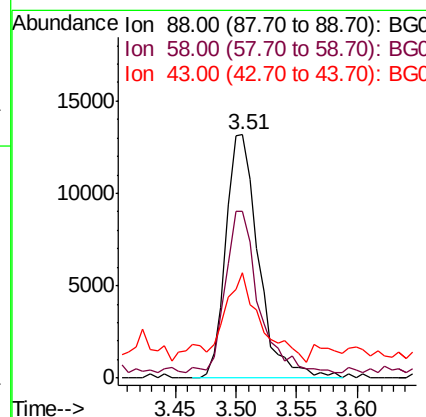
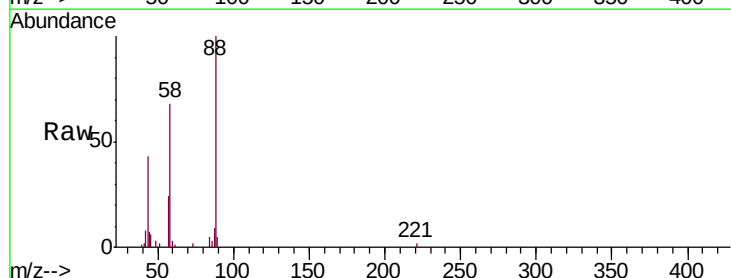
Sohil
8/13/2018 6:08:35 PM

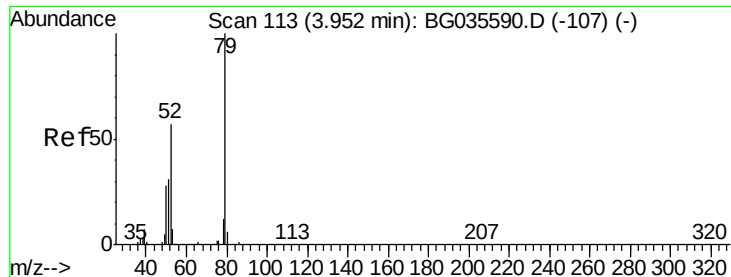


#2

1,4-Dioxane
Concen: 33.604 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	79.6	119.4#
43	38.7	27.4	41.0





#3

Pyridine

Concen: 34.933 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB111936BSD

Tgt Ion: 79 Resp: 67237

Ion Ratio Lower Upper

79 100

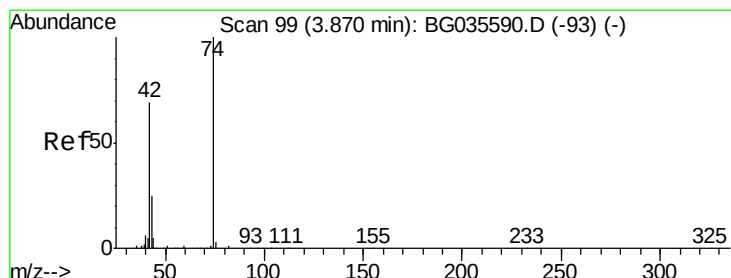
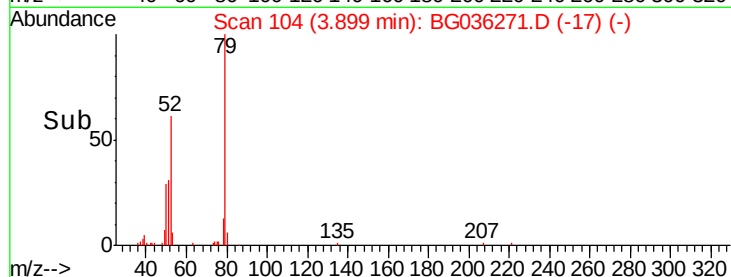
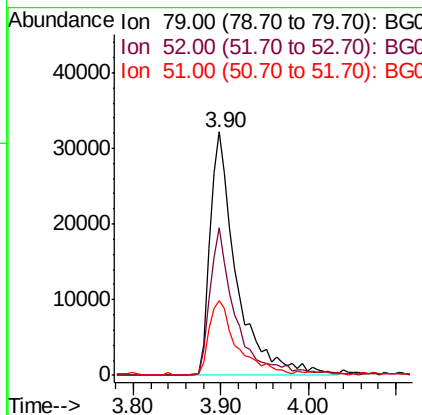
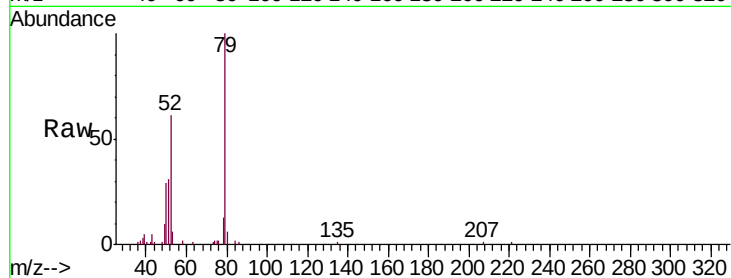
52 60.8 69.9 104.9#

51 30.7 34.0 51.0#

Manual Integrations
APPROVED

Sohil

8/13/2018 6:08:35 PM



#4

n-Nitrosodimethylamine

Concen: 31.581 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

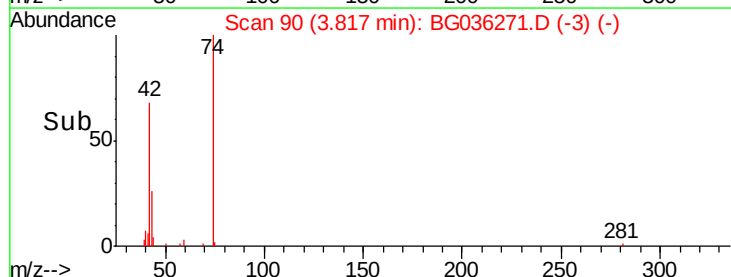
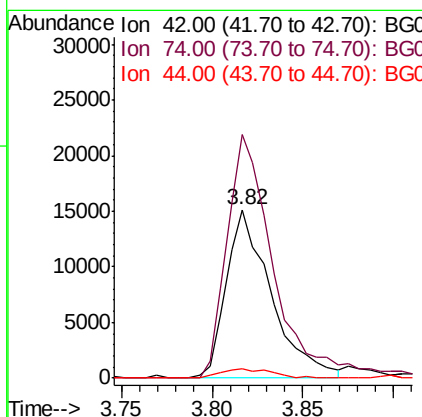
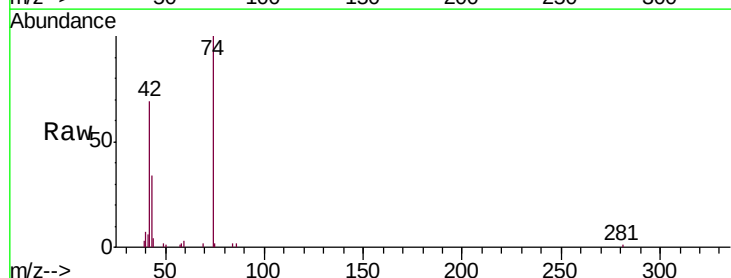
Tgt Ion: 42 Resp: 26100

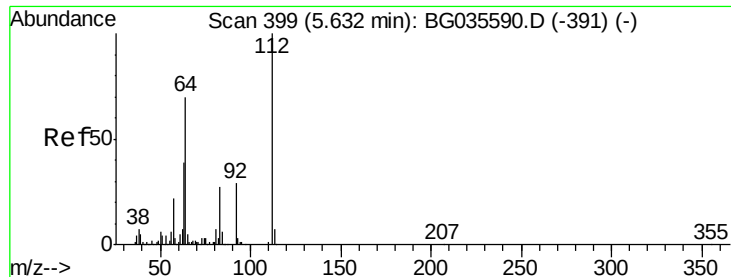
Ion Ratio Lower Upper

42 100

74 144.4 102.5 153.7

44 5.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 148.072 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

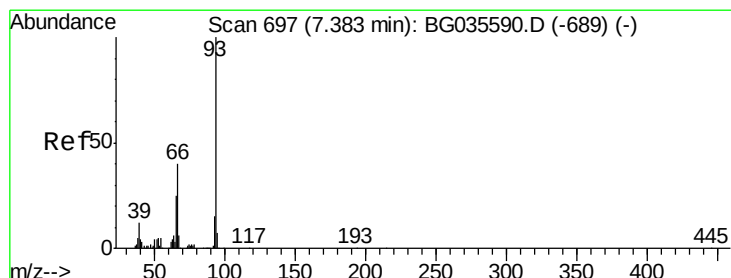
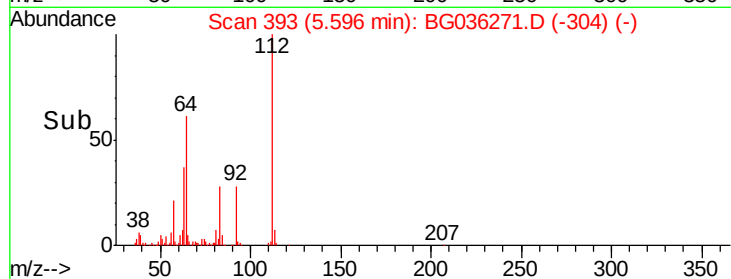
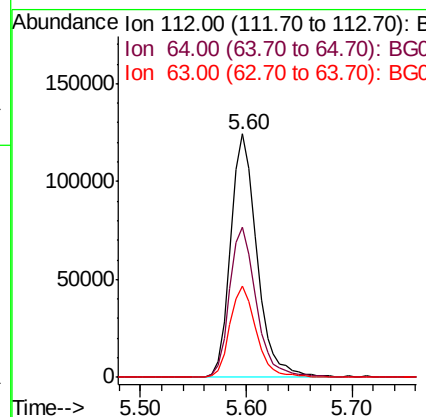
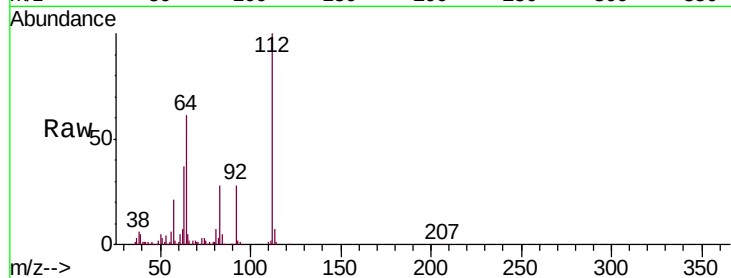
ClientSampleId :

PB111936BSD

Tgt Ion:	112	Resp:	214495
Ion Ratio	Lower	Upper	
112	100		
64	61.4	56.3	84.5
63	37.2	30.1	45.1

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#6

Aniline

Concen: 26.667 ng

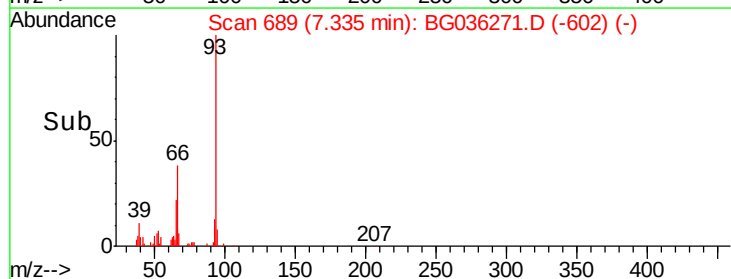
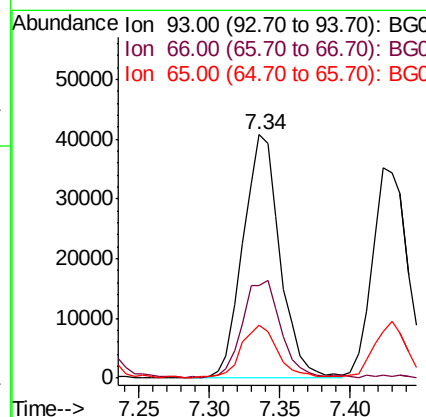
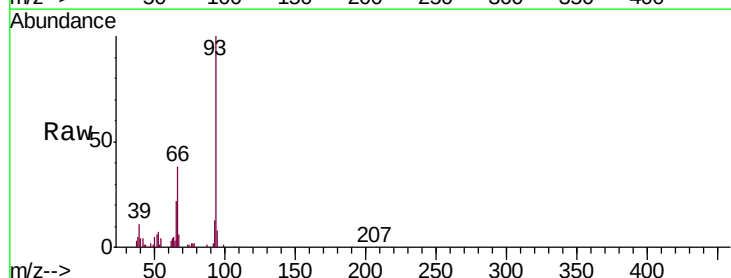
RT: 7.34 min Scan# 689

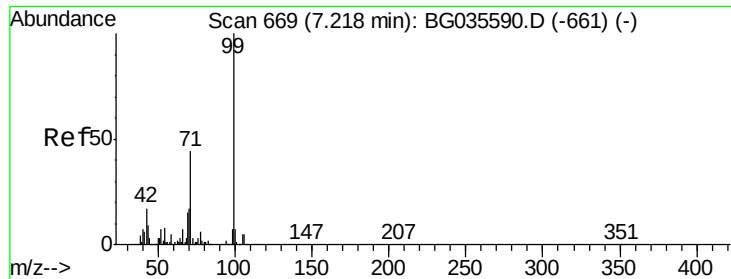
Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion:	93	Resp:	74702
Ion Ratio	Lower	Upper	
93	100		
66	37.9	33.7	50.5
65	21.6	16.1	24.1





#7

Phenol-d6

Concen: 145.249 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

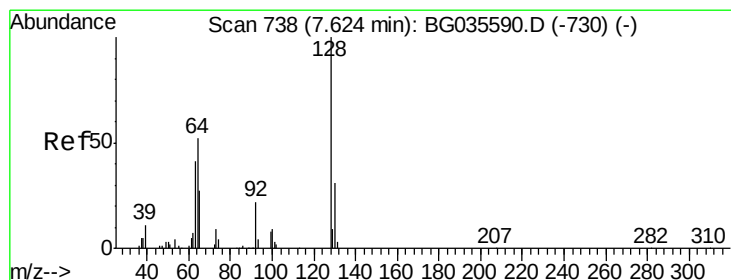
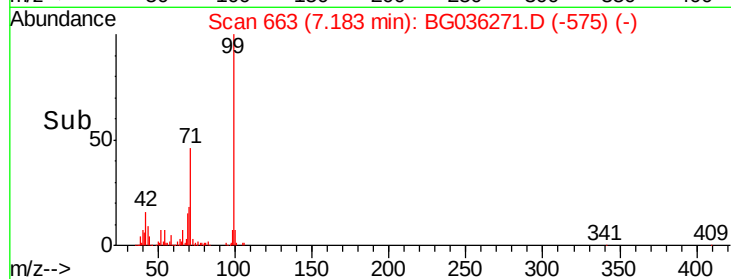
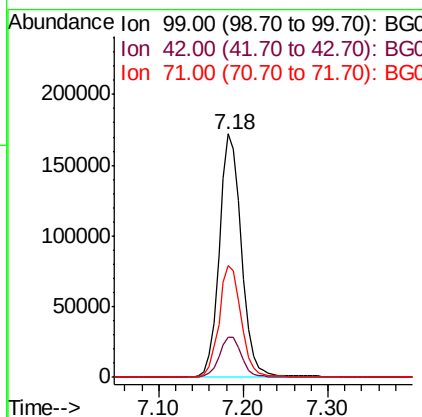
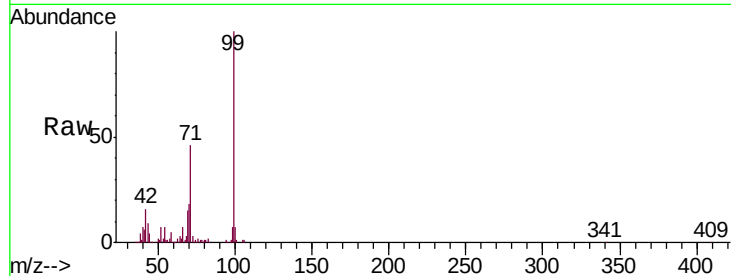
ClientSampleId :

PB111936BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		313923		
42	16.2	14.1	21.1		
71	45.7	26.1	39.1#		

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#8

2-Chlorophenol

Concen: 40.266 ng

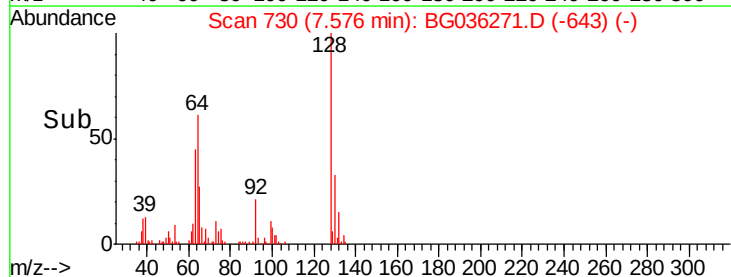
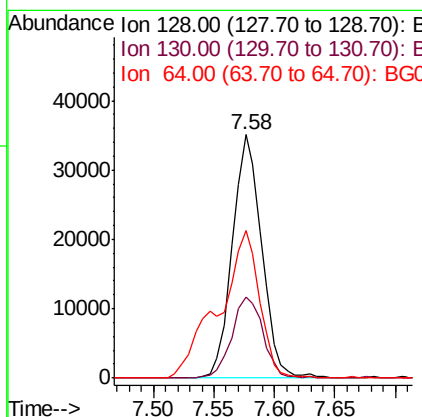
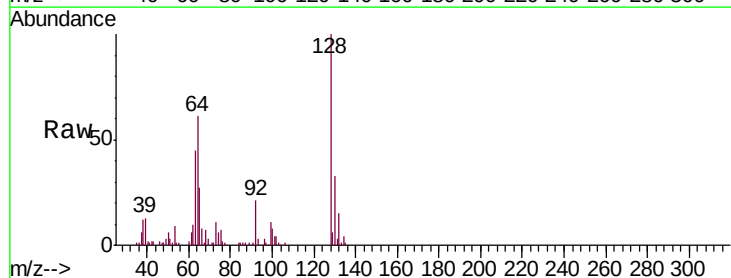
RT: 7.58 min Scan# 730

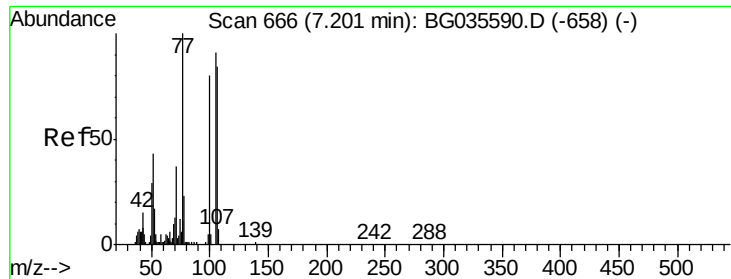
Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		59323		
130	33.2	14.0	54.0		
64	60.7	37.7	77.7		





#9

Benzaldehyde

Concen: 24.582 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

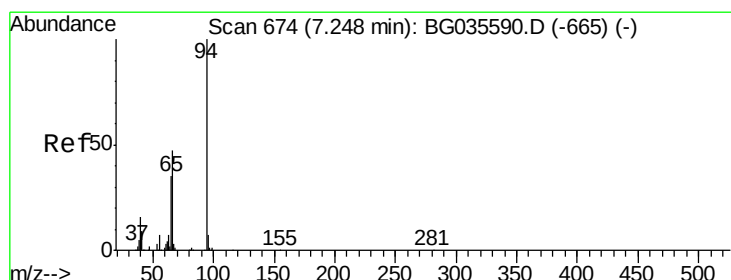
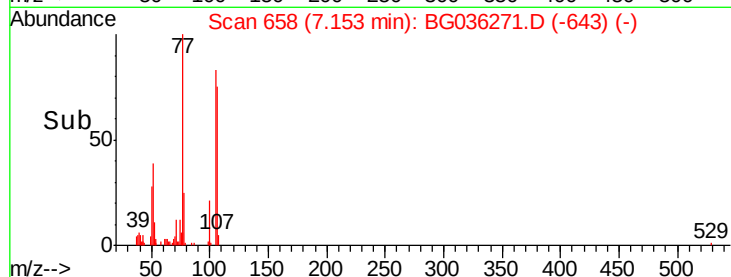
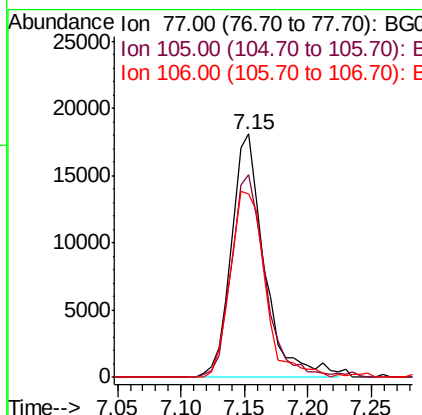
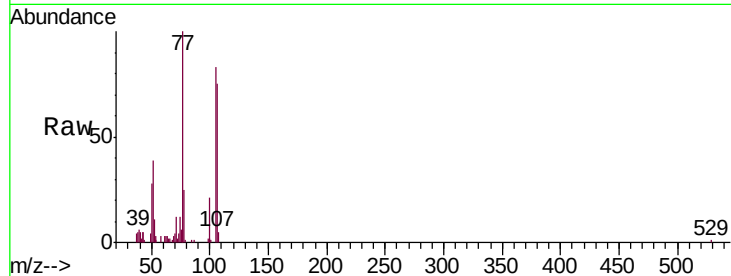
ClientSampleId :

PB111936BSD

Tgt Ion:	77	Resp:	32598
Ion	Ratio	Lower	Upper
77	100		
105	83.1	71.3	111.3
106	75.3	64.2	104.2

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#10

Phenol

Concen: 40.825 ng

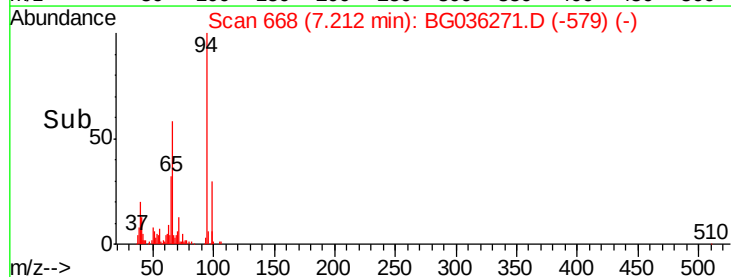
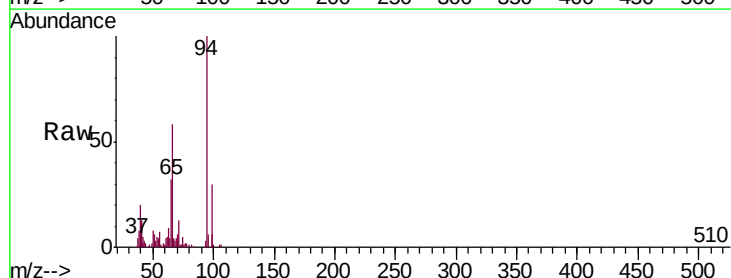
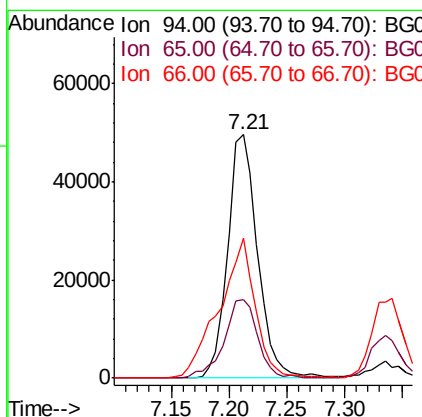
RT: 7.21 min Scan# 668

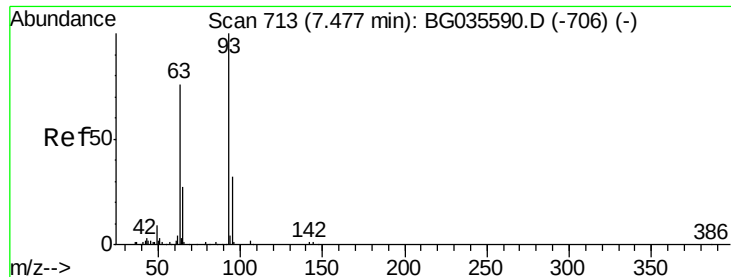
Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion:	94	Resp:	89142
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	57.7	22.2	62.2





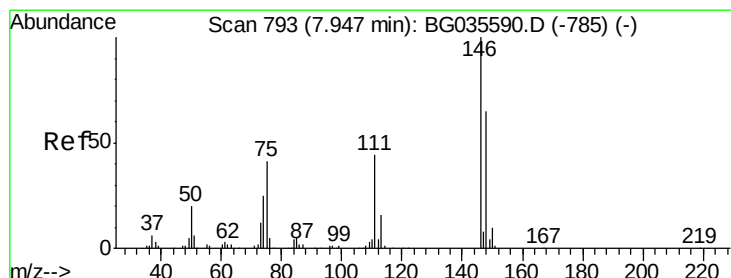
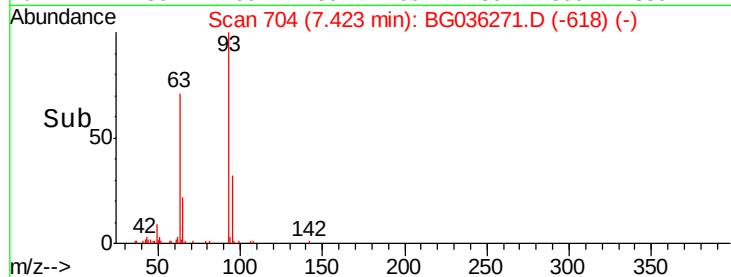
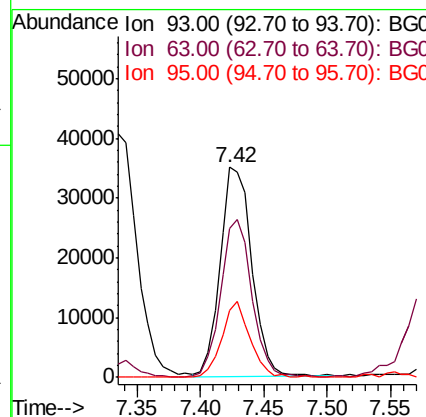
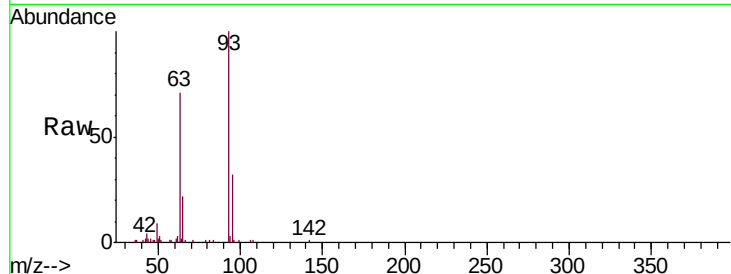
#11
 bis(2-Chloroethyl)ether
 Concen: 35.577 ng
 RT: 7.42 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleID :
 PB111936BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.9	67.1	107.1
95	32.2	11.5	51.5

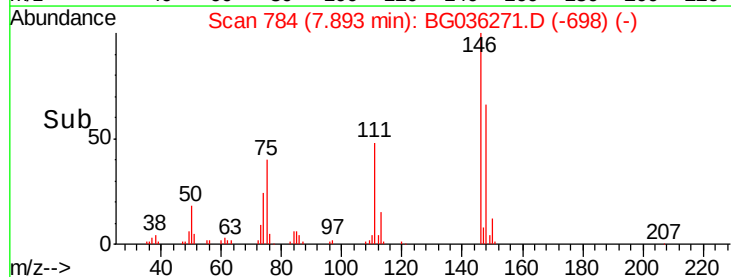
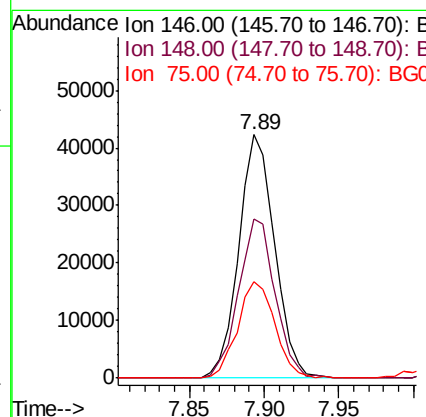
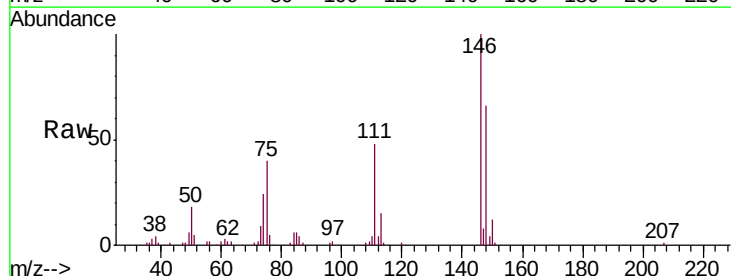
Manual Integrations
 APPROVED

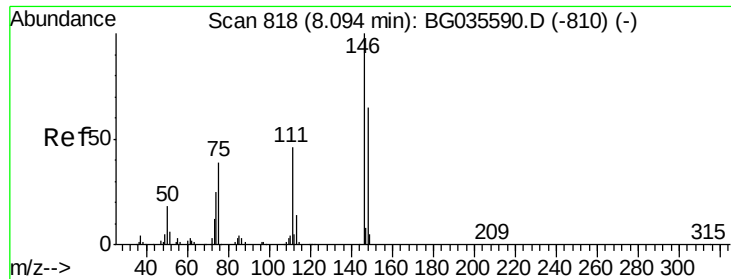
Sohil
 8/13/2018 6:08:35 PM



#12
 1,3-Dichlorobenzene
 Concen: 39.629 ng
 RT: 7.89 min Scan# 784
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.2
75	39.6	26.6	39.8





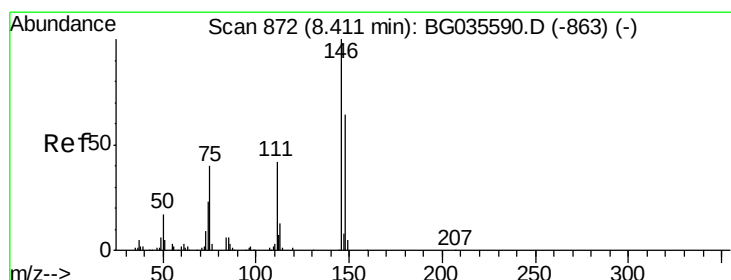
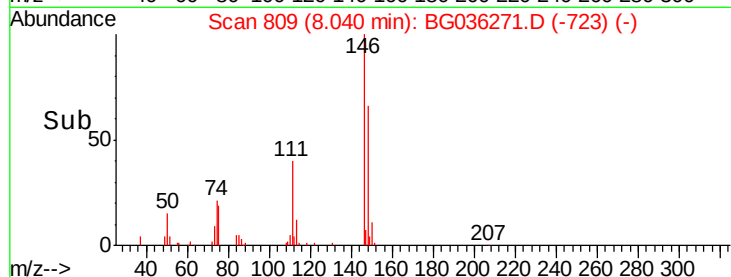
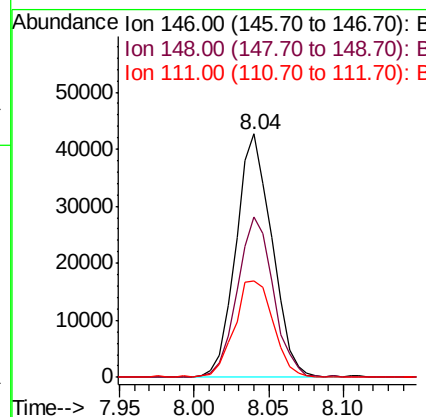
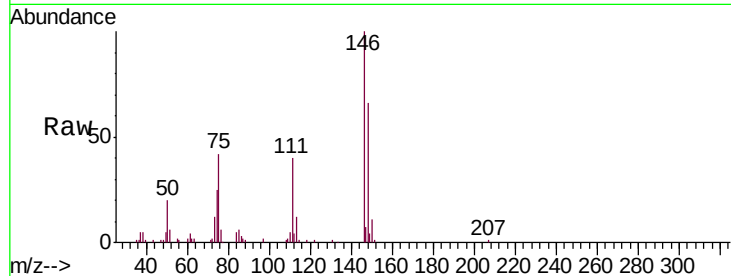
#13
 1,4-Dichlorobenzene
 Concen: 39.619 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	39.8	35.2	52.8

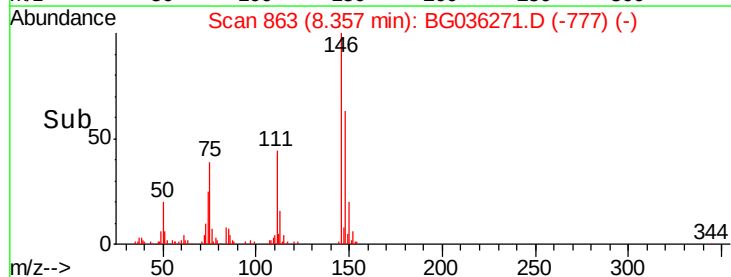
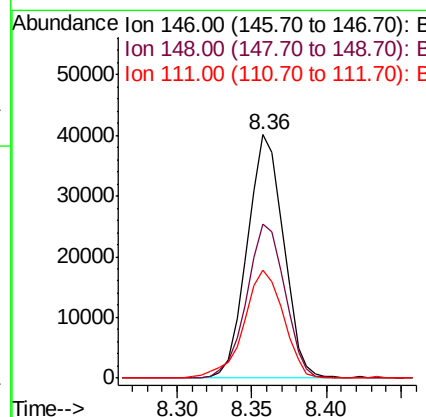
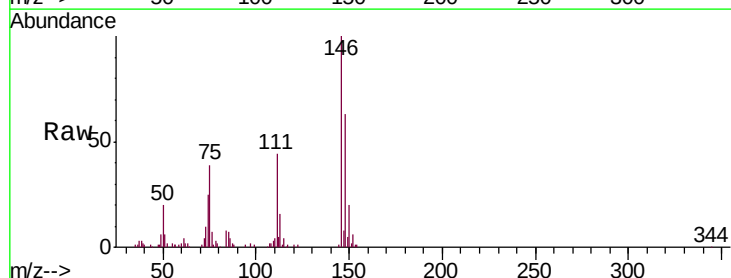
Manual Integrations
 APPROVED

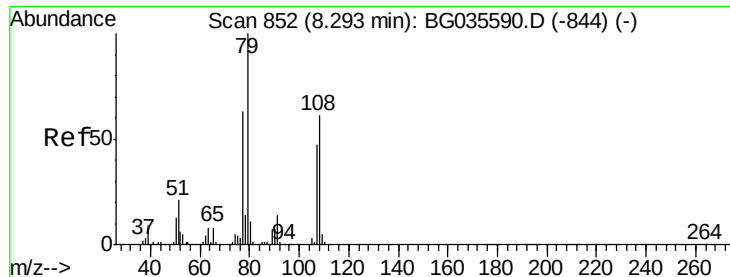
Sohil
 8/13/2018 6:08:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.749 ng
 RT: 8.36 min Scan# 863
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.3	73.9
111	44.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 33.054 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

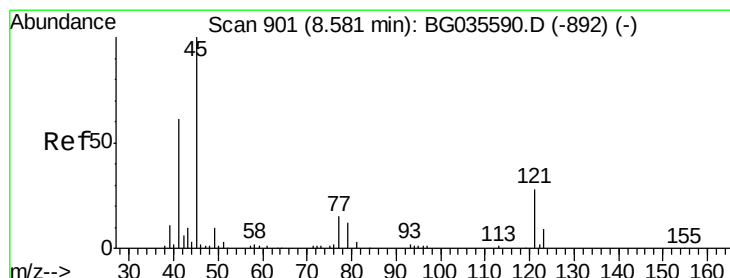
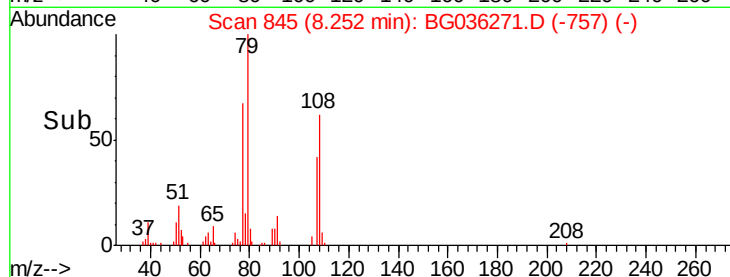
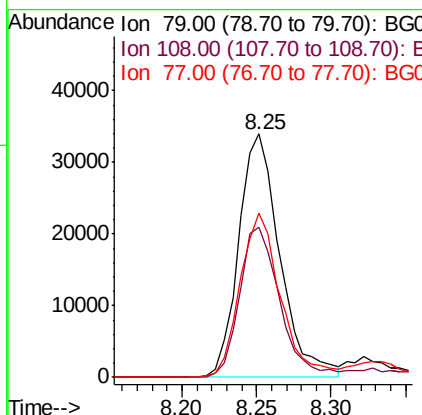
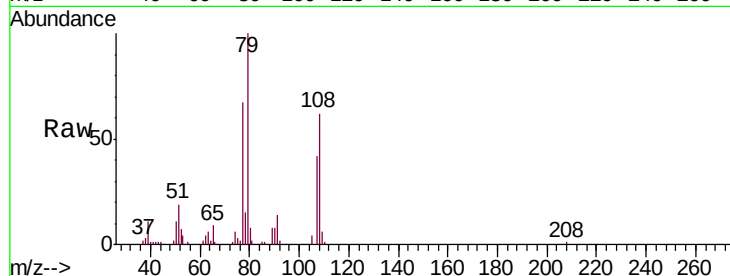
ClientSampleId :

PB111936BSD

Tgt Ion:	79	Resp:	64873
Ion	Ratio	Lower	Upper
79	100		
108	61.8	57.2	85.8
77	67.2	46.1	69.1

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.930 ng

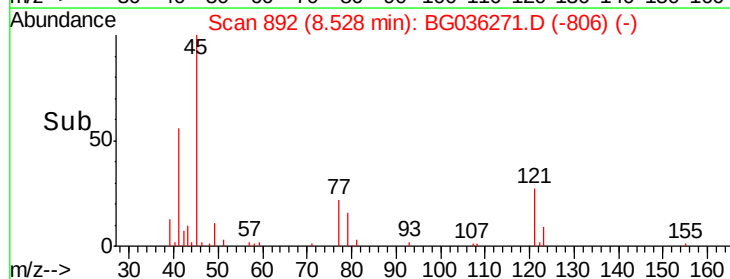
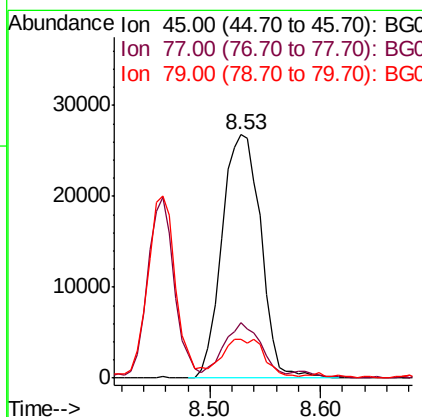
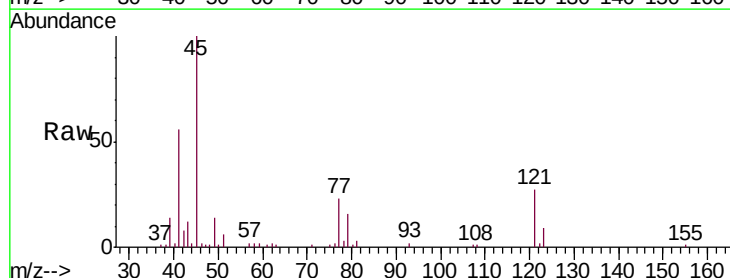
RT: 8.53 min Scan# 892

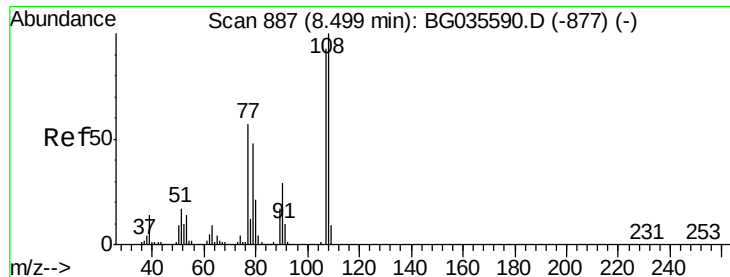
Delta R.T. -0.03 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion:	45	Resp:	65847
Ion	Ratio	Lower	Upper
45	100		
77	23.0	0.0	30.2
79	16.2	0.0	27.9





#17

2-Methylphenol

Concen: 39.217 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

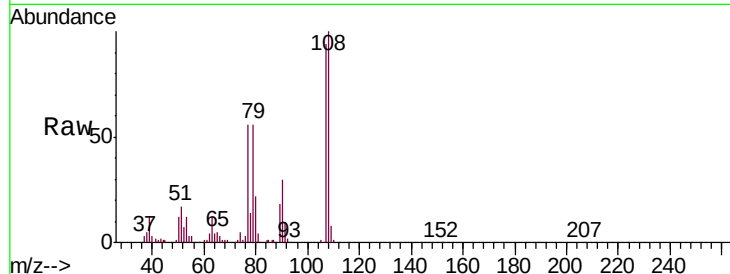
ClientSampleId :

PB111936BSD

Tgt Ion:	107	Resp:	58221
Ion Ratio	Lower	Upper	
107	100		
108	106.7	83.9	125.9
77	59.7	37.2	55.8#
79	60.2	36.2	54.2#

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



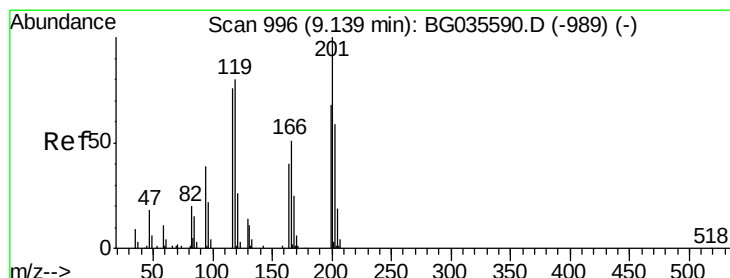
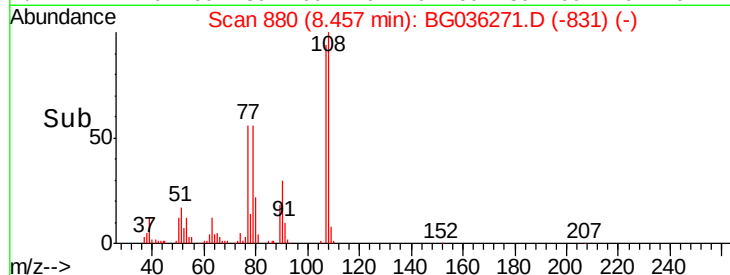
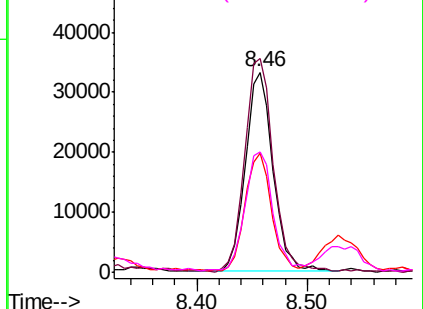
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.272 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

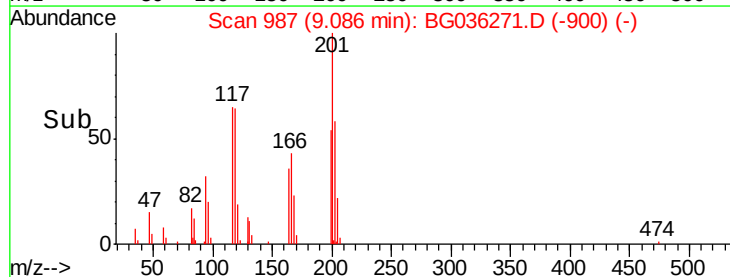
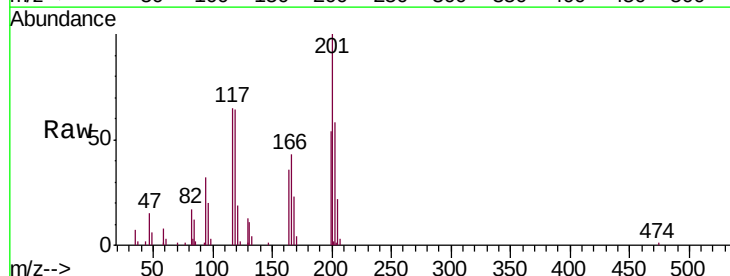
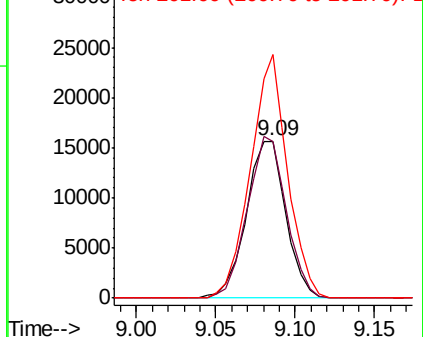
Tgt Ion:	117	Resp:	27144
Ion Ratio	Lower	Upper	
117	100		
119	99.9	76.7	115.1
201	154.9	95.7	143.5#

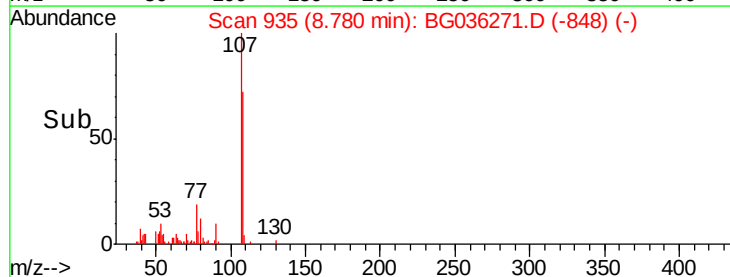
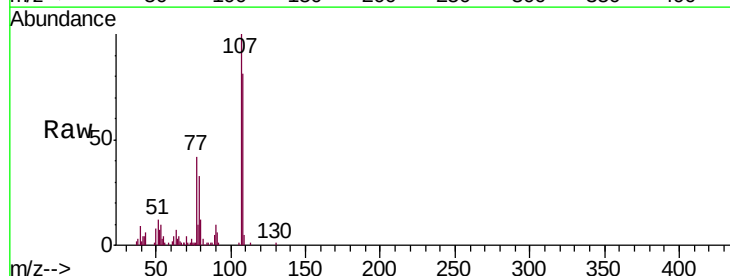
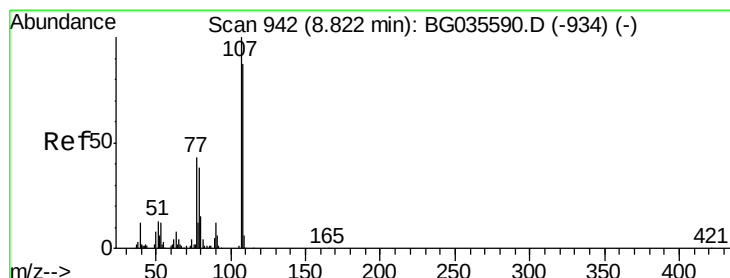
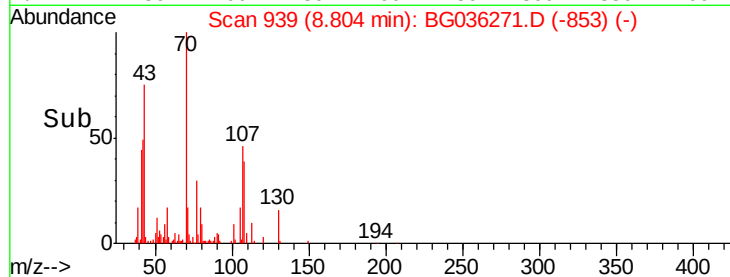
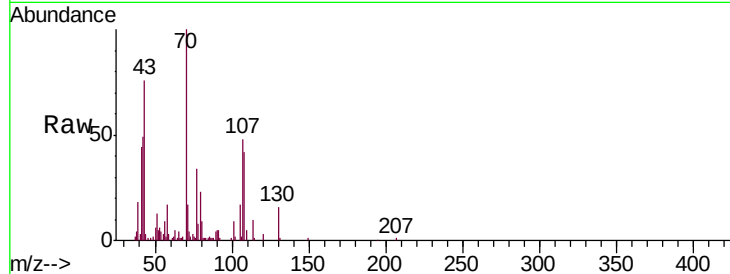
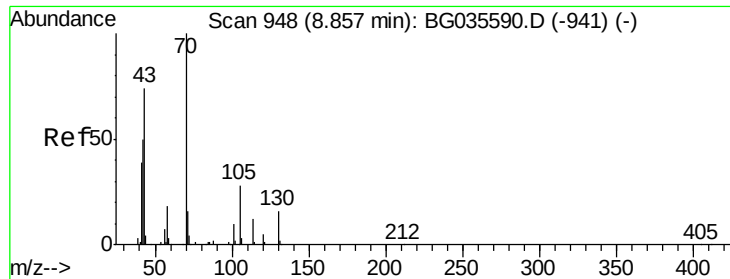
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

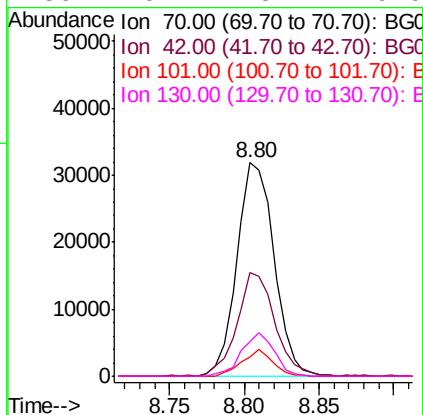
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 30.305 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.1	73.7#
101	8.9	8.5	12.7
130	16.1	13.4	20.0



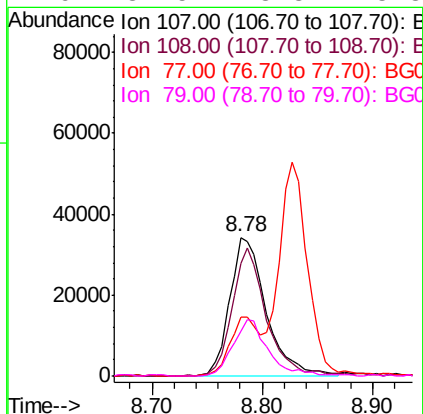
Instrument :
BNA_G
ClientSampleId :
PB111936BSD

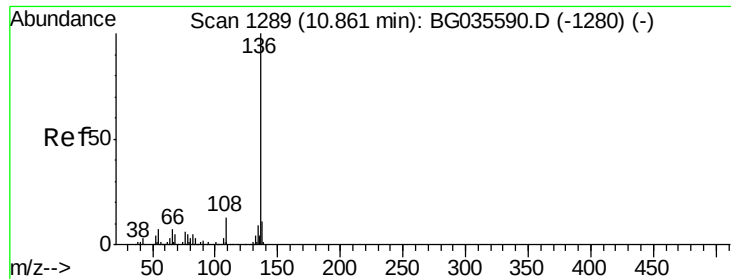
Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM

#20
3+4-Methylphenols
Concen: 38.479 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.2	61.6	101.6
77	42.4	13.9	53.9
79	32.5	8.8	48.8





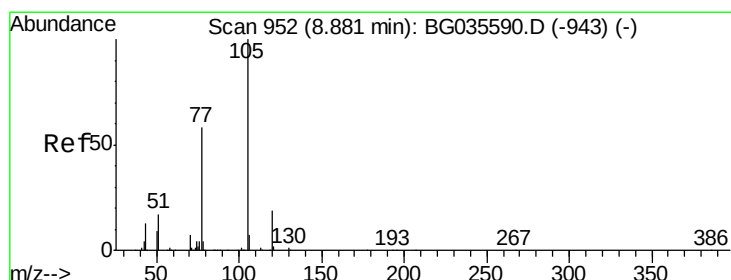
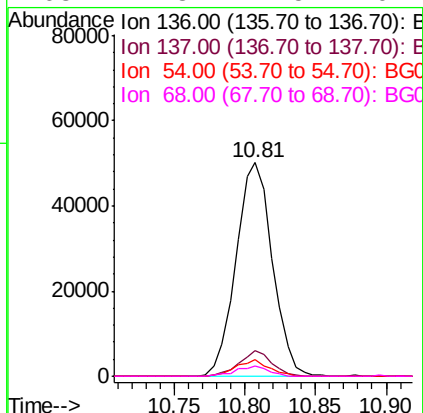
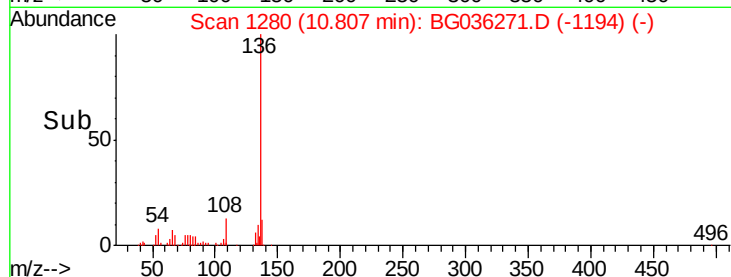
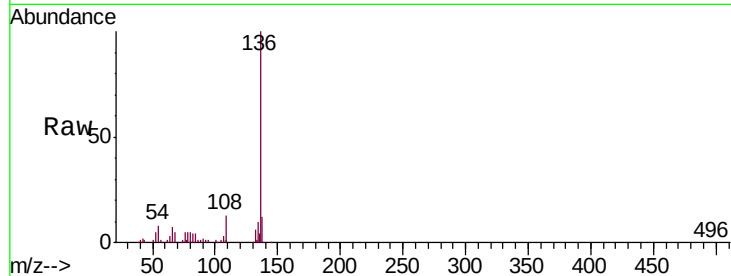
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	90144		
137	12.0	9.2	13.8	
54	7.8	10.3	15.5	
68	4.8	4.5	6.7	

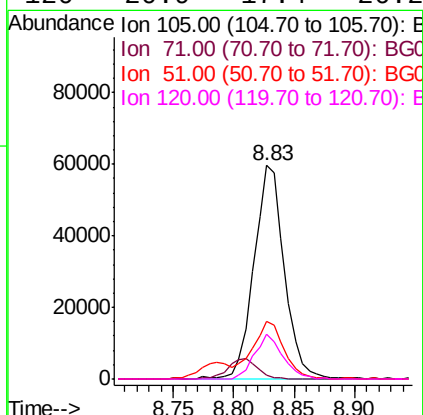
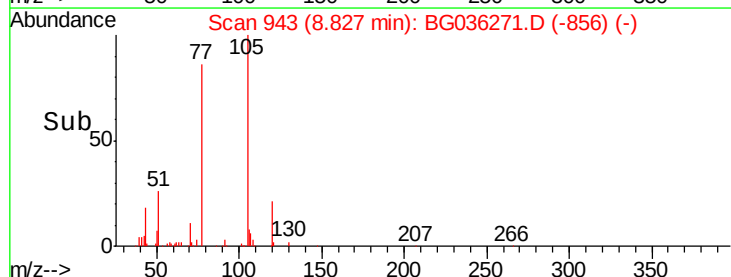
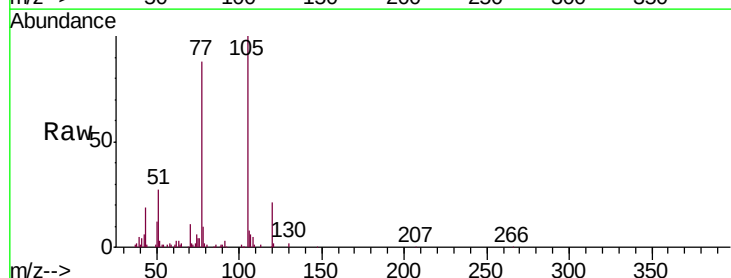
Manual Integrations
APPROVED

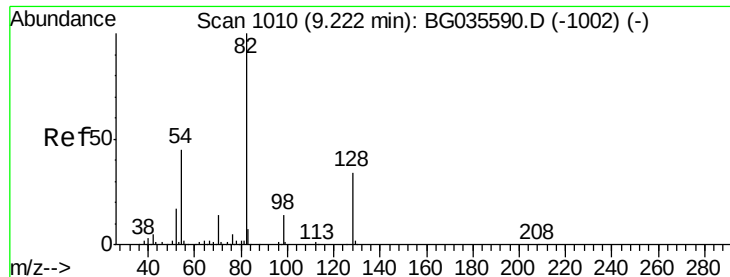
Sohil
8/13/2018 6:08:35 PM



#22
Acetophenone
Concen: 37.281 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	104507		
71	1.7	3.0	4.4	
51	26.8	26.1	39.1	
120	20.9	17.4	26.2	





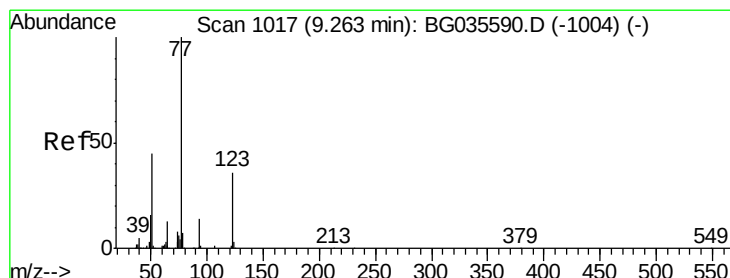
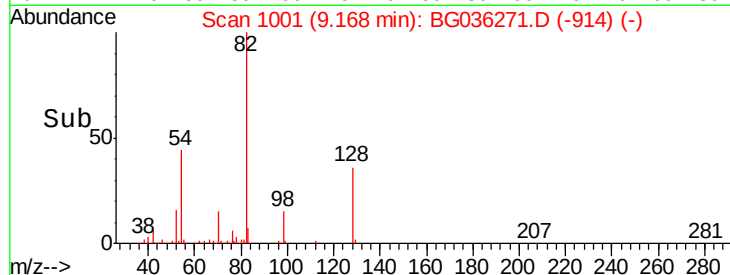
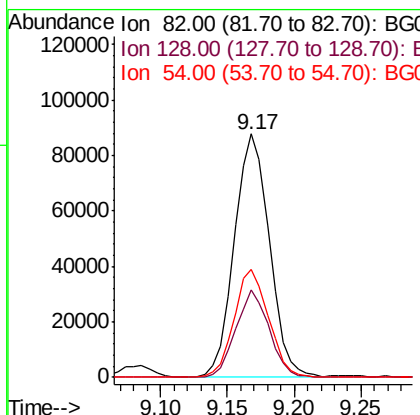
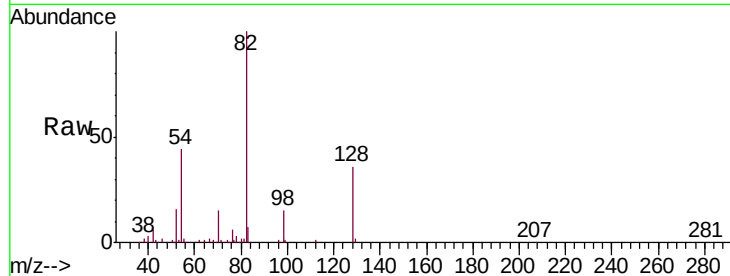
#23
 Nitrobenzene-d5
 Concen: 74.351 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	160440		
128	35.7	29.7	44.5	
54	44.5	43.1	64.7	

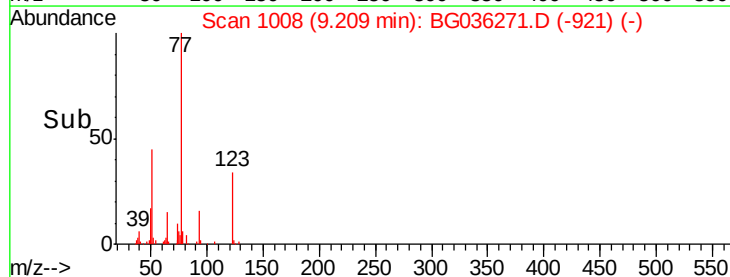
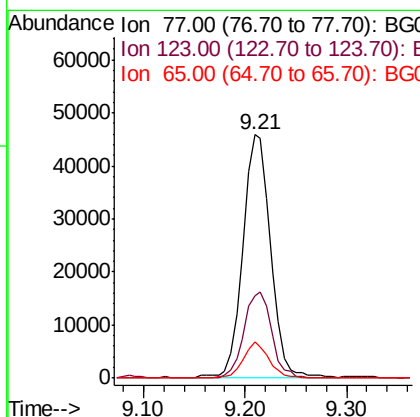
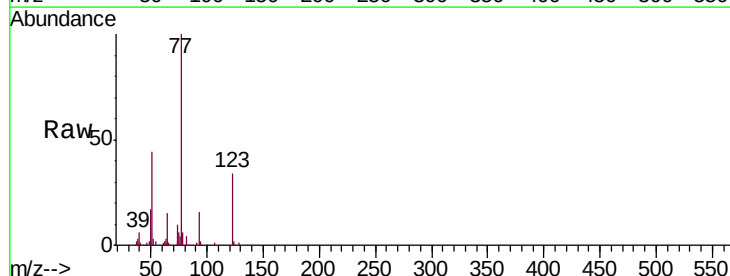
Manual Integrations
 APPROVED

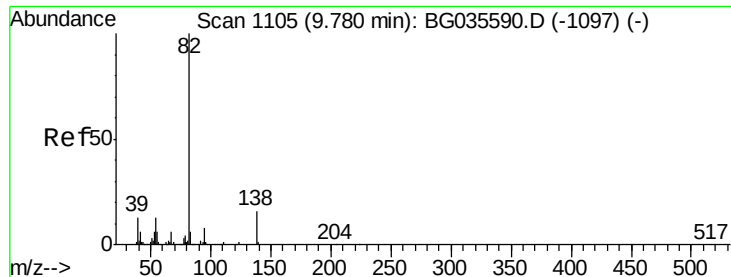
Sohil
 8/13/2018 6:08:35 PM



#24
 Nitrobenzene
 Concen: 40.129 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	87085		
123	33.7	33.0	49.6	
65	15.0	13.0	19.6	





#25

Isophorone

Concen: 39.193 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

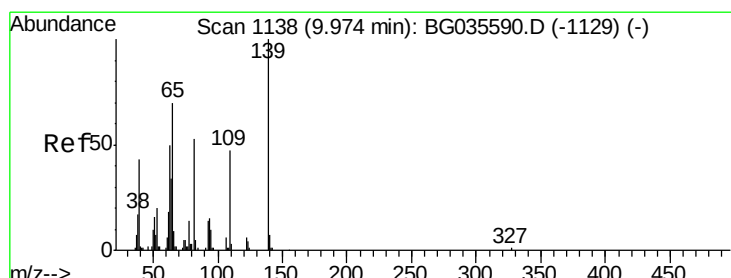
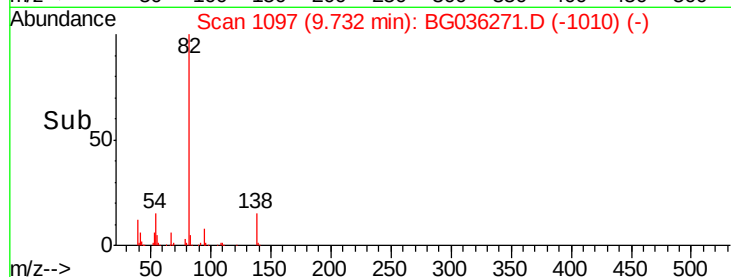
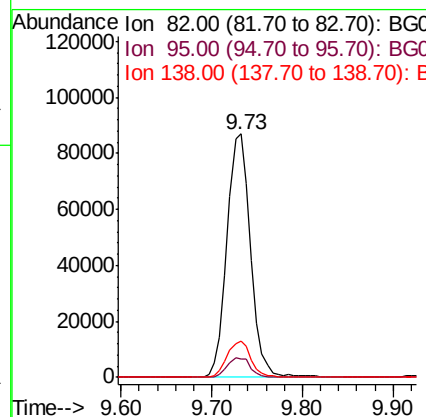
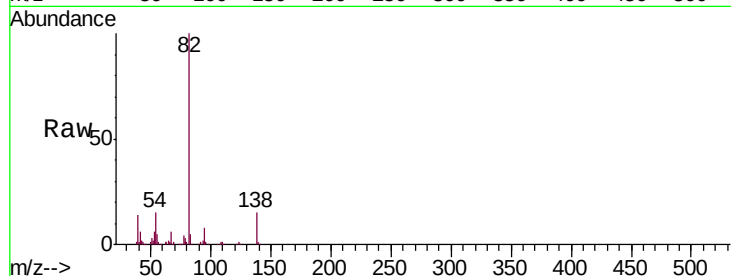
ClientSampleId :

PB111936BSD

Tgt Ion:	82	Resp:	156997
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.2	9.2
138	14.8	12.1	18.1

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#26

2-Nitrophenol

Concen: 47.842 ng

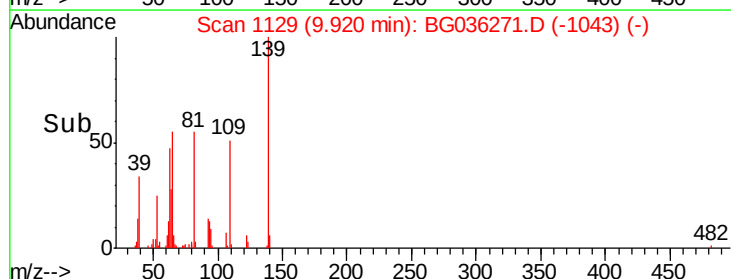
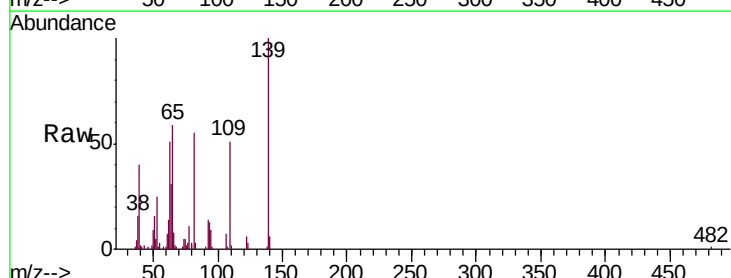
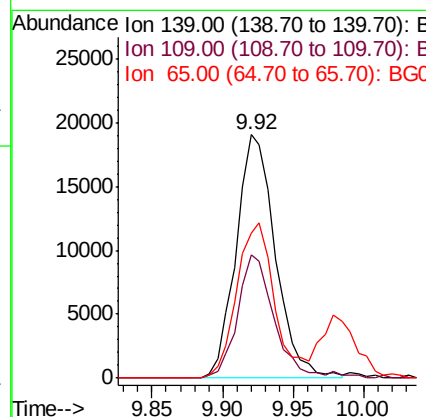
RT: 9.92 min Scan# 1129

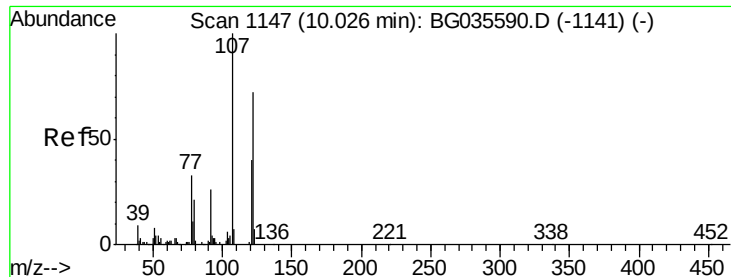
Delta R.T. -0.03 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion:	139	Resp:	36873
Ion Ratio		Lower	Upper
139	100		
109	50.8	24.2	36.2#
65	59.5	47.4	71.0





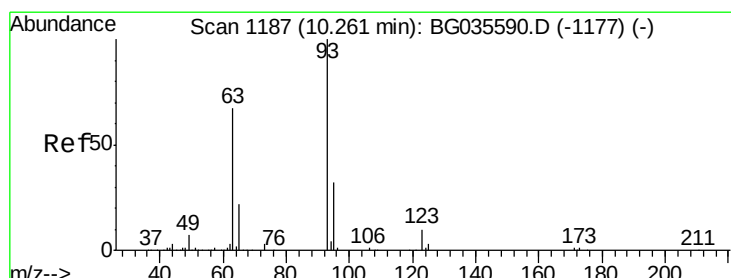
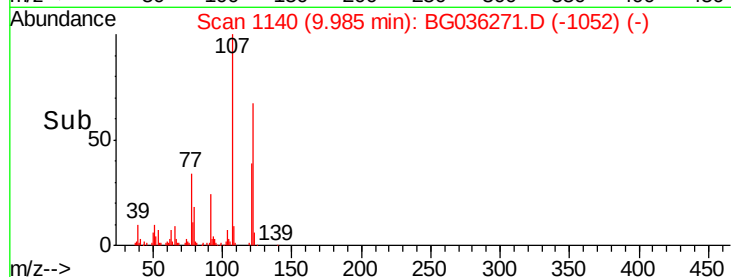
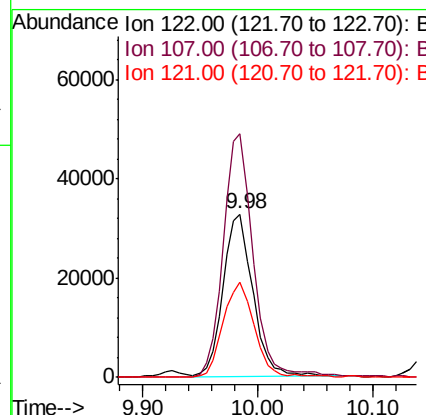
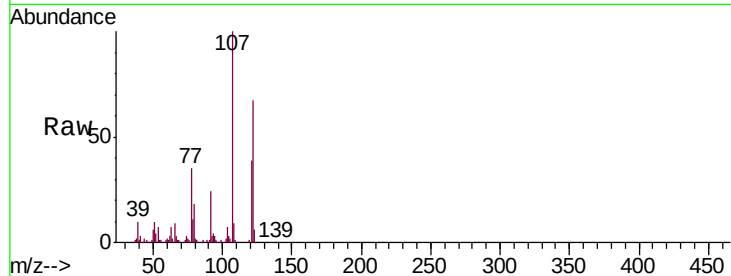
#27
2,4-Dimethylphenol
Concen: 45.065 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58793		
107	149.3	100.2	150.2	
121	58.0	44.4	66.6	

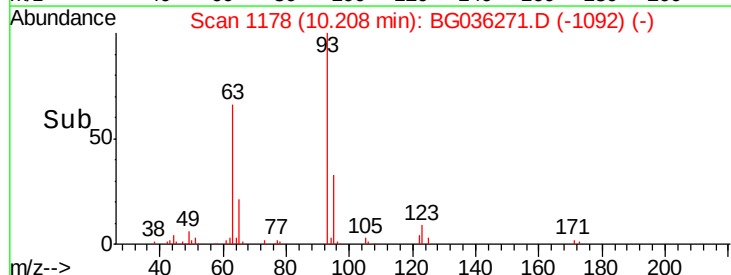
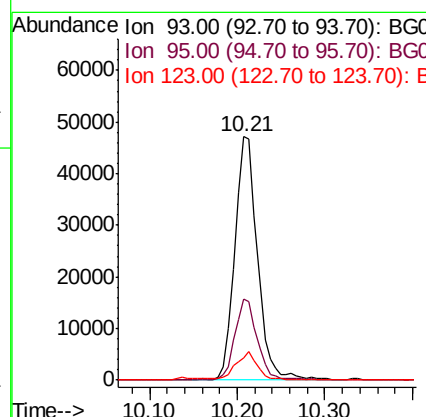
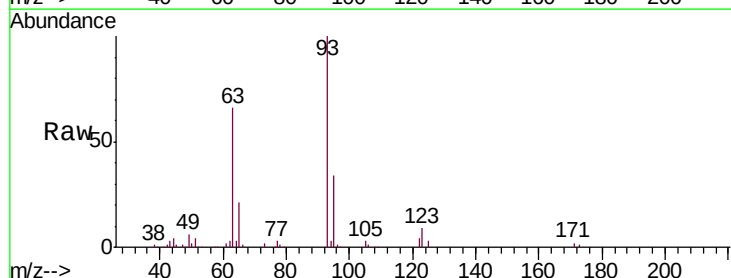
Manual Integrations
APPROVED

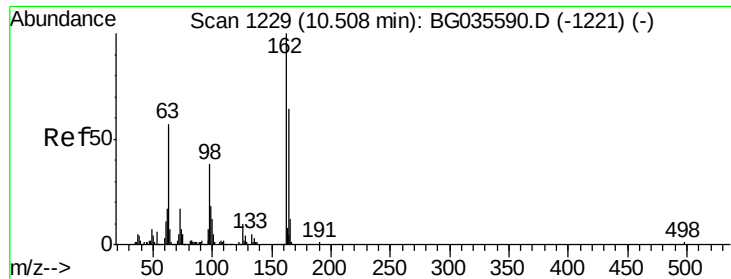
Sohil
8/13/2018 6:08:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.853 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	83551		
95	33.5	24.3	36.5	
123	9.3	8.4	12.6	





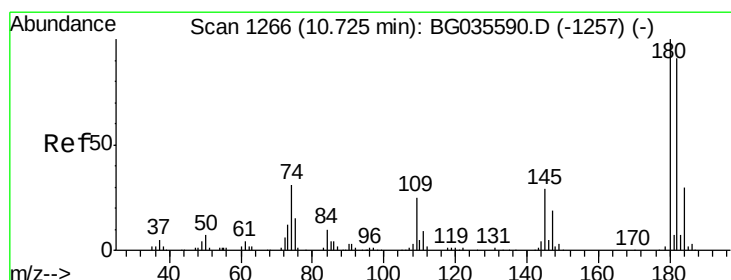
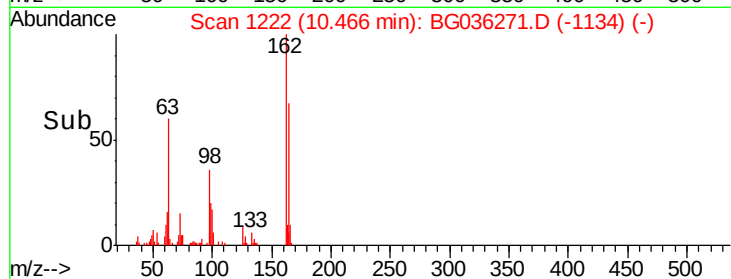
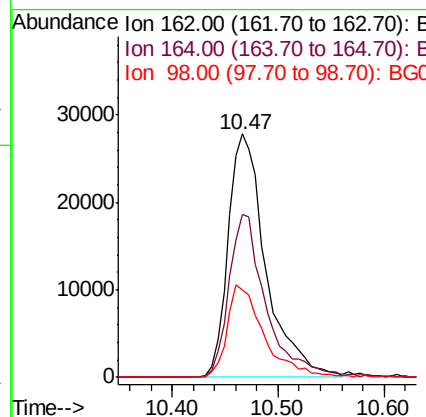
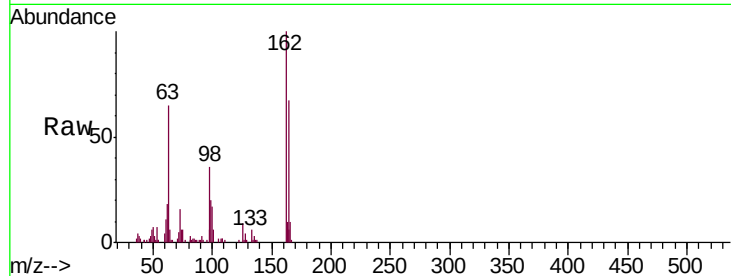
#29
 2,4-Dichlorophenol
 Concen: 46.091 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	68641		
164	67.1	48.0	88.0	
98	35.9	21.1	61.1	

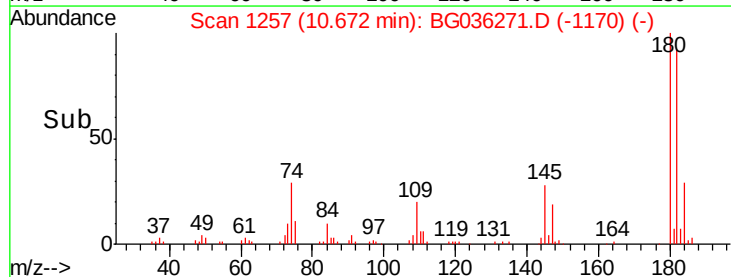
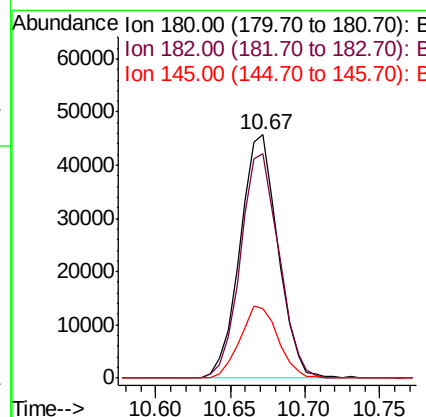
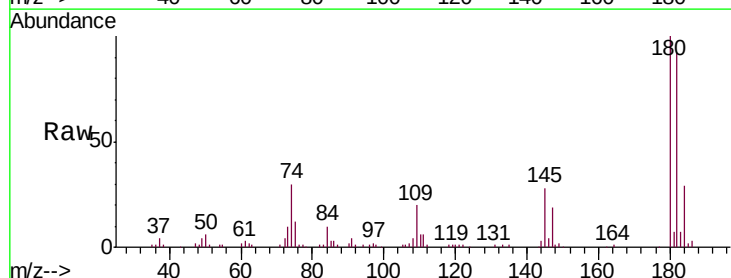
Manual Integrations
 APPROVED

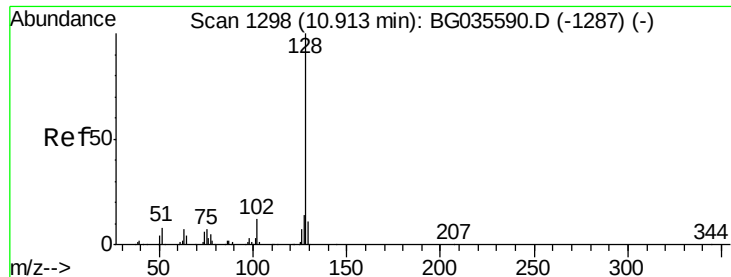
Sohil
 8/13/2018 6:08:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.113 ng
 RT: 10.67 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80557		
182	92.4	77.5	116.3	
145	28.4	23.4	35.2	





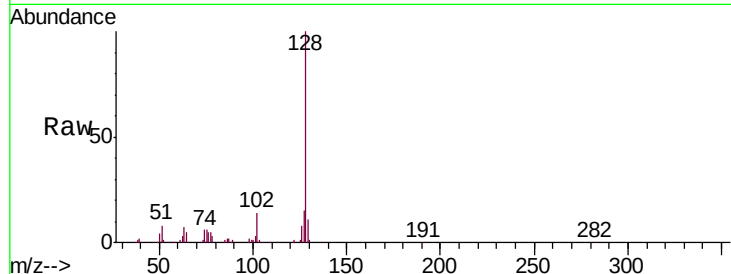
#31
Naphthalene
Concen: 39.535 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

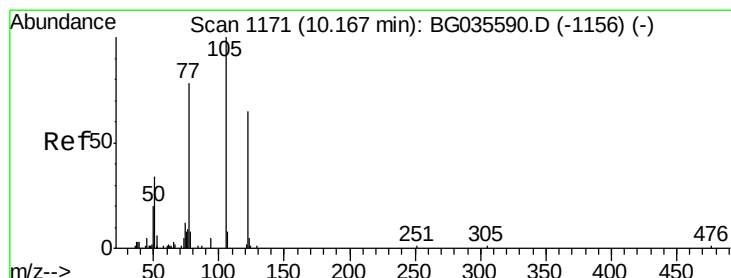
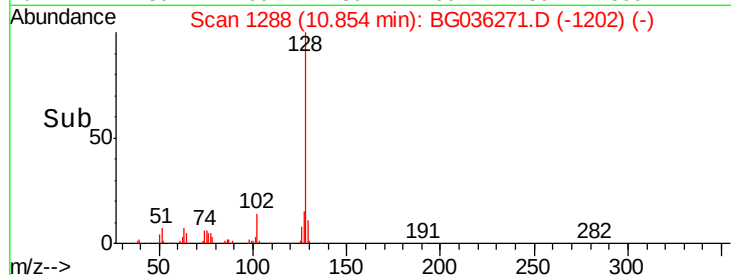
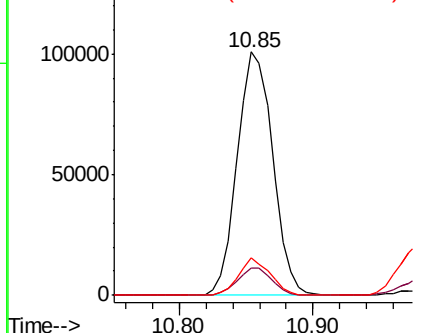
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	185643		
129	11.1	8.6	12.8	
127	15.2	11.6	17.4	

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM

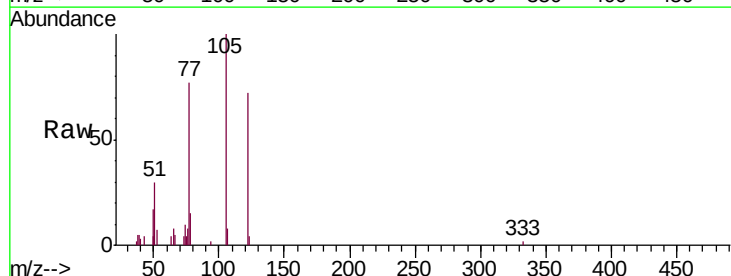


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

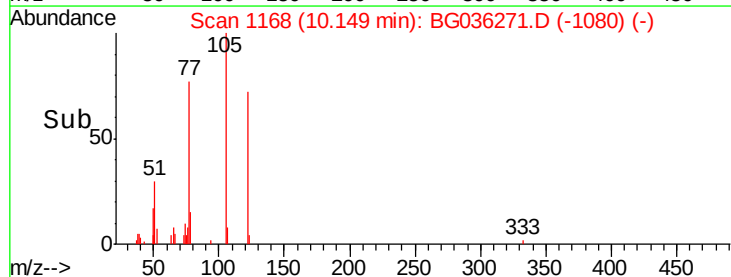
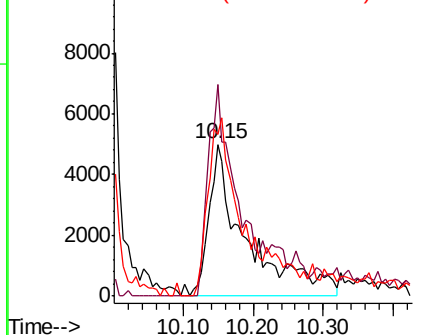


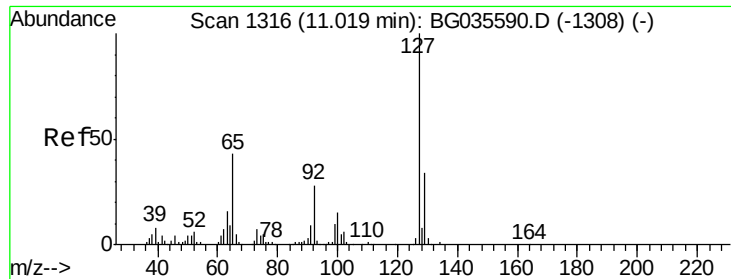
#32
Benzoic acid
Concen: 21.131 ng m
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18559		
105	139.3	123.5	163.5	
77	106.7	85.7	125.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





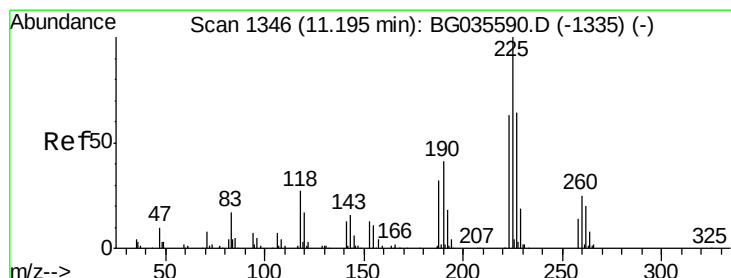
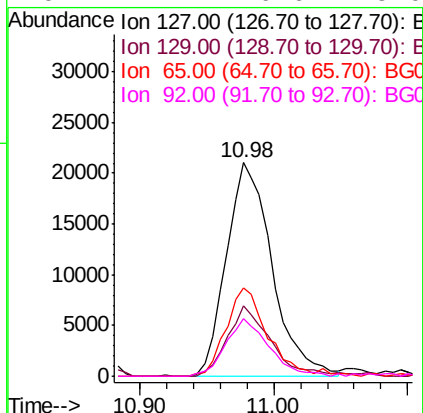
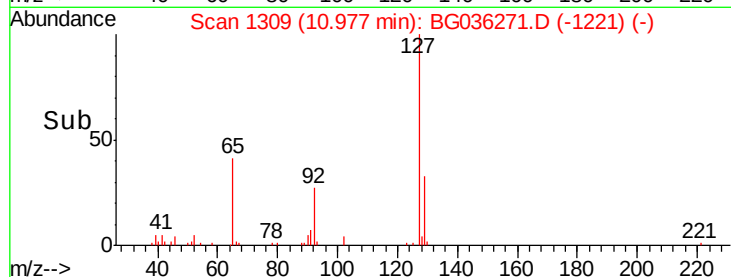
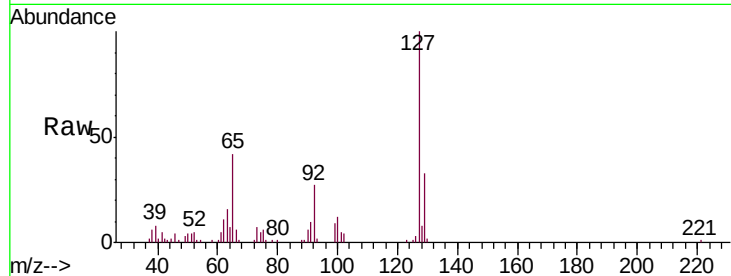
#33
4-Chloroaniline
Concen: 24.493 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	50128		
129	32.7	24.0	36.0	
65	41.5	27.0	40.4	
92	27.1	16.6	25.0	

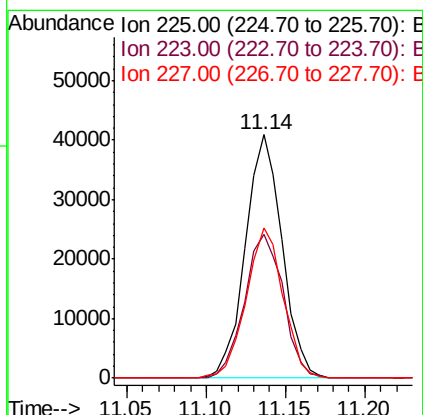
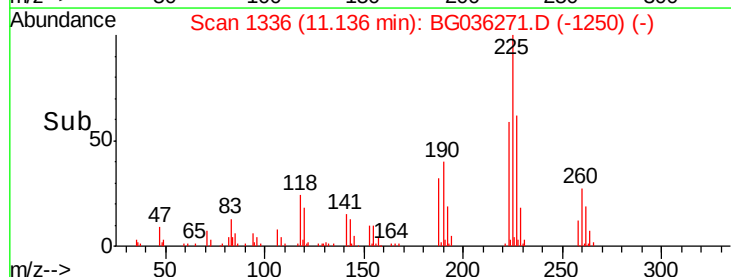
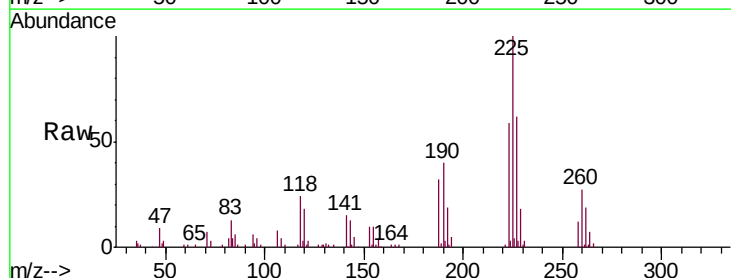
Manual Integrations
APPROVED

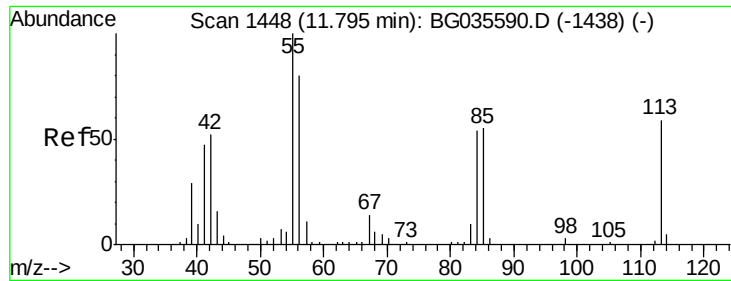
Sohil
8/13/2018 6:08:35 PM



#34
Hexachlorobutadiene
Concen: 46.175 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65754		
223	59.0	49.7	74.5	
227	61.7	48.1	72.1	





#35

Caprolactam

Concen: 35.453 ng

RT: 11.75 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB111936BSD

Tgt Ion:113 Resp: 22658

Ion Ratio Lower Upper

113 100

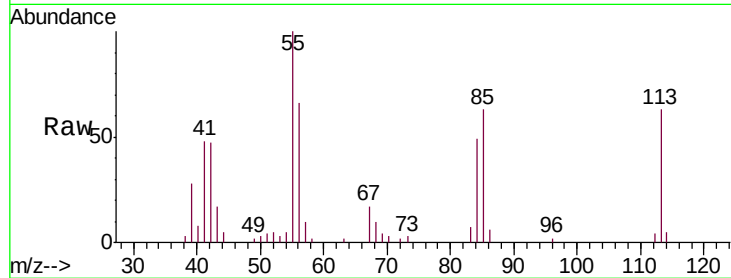
55 157.7 186.9 226.9#

56 104.2 130.9 170.9#

Manual Integrations
APPROVED

Sohil

8/13/2018 6:08:35 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)

15000

10000

5000

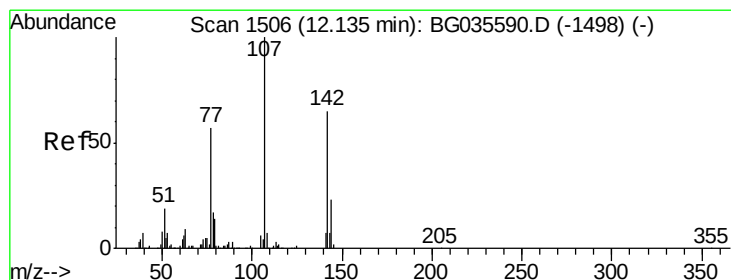
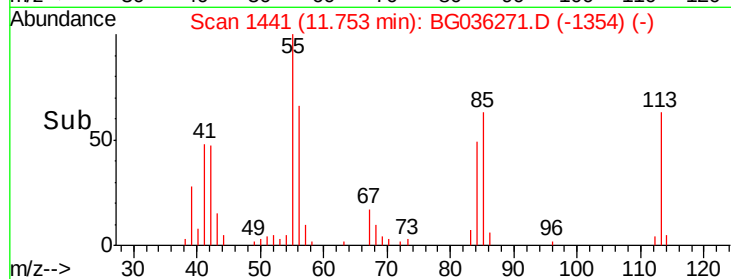
0

11.75

11.80

11.90

Time-->



#36

4-Chloro-3-methylphenol

Concen: 41.863 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

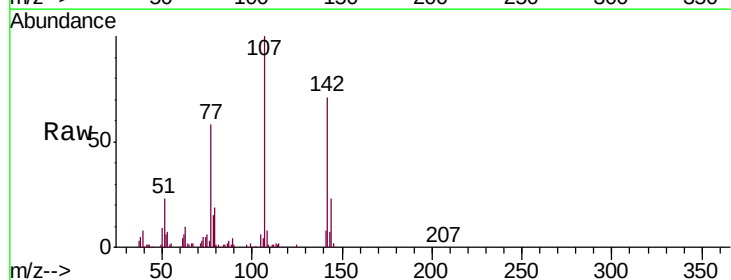
Tgt Ion:107 Resp: 83567

Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.4

142 70.7 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

60000

50000

40000

30000

20000

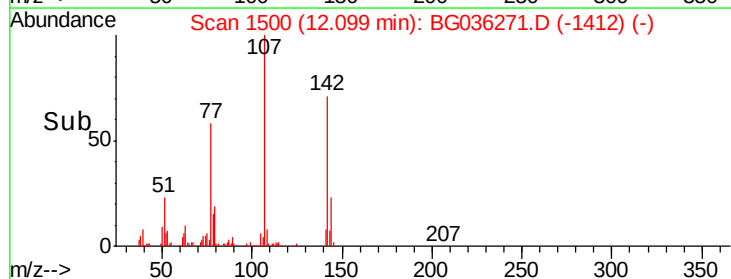
10000

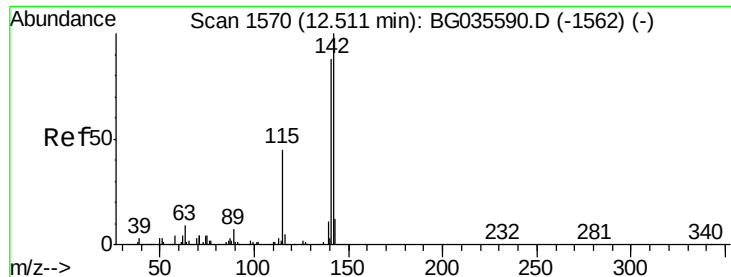
0

12.10

12.20

Time-->





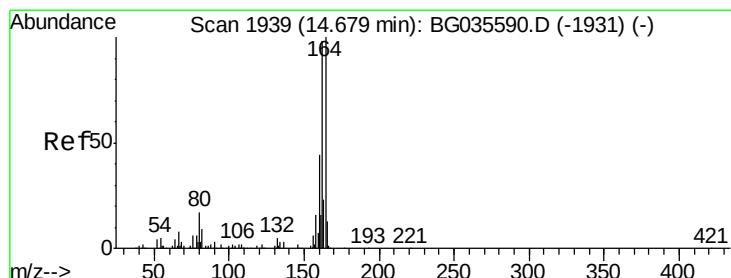
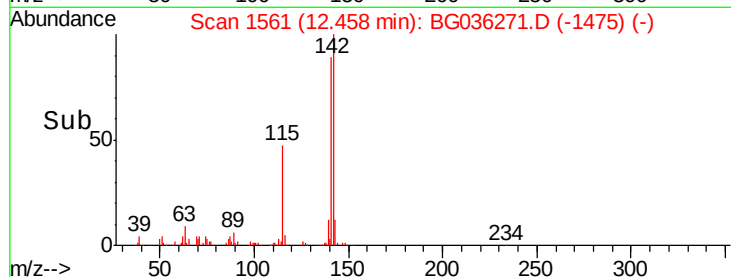
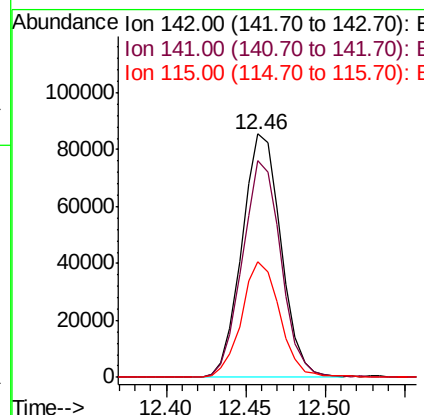
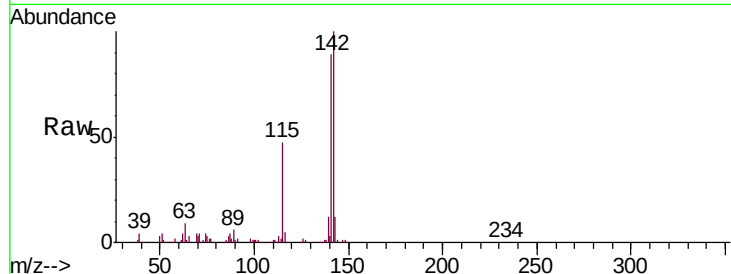
#37
 2-Methylnaphthalene
 Concen: 41.981 ng
 RT: 12.46 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	146865		
141	89.1	67.1	100.7	
115	47.3	30.7	46.1	

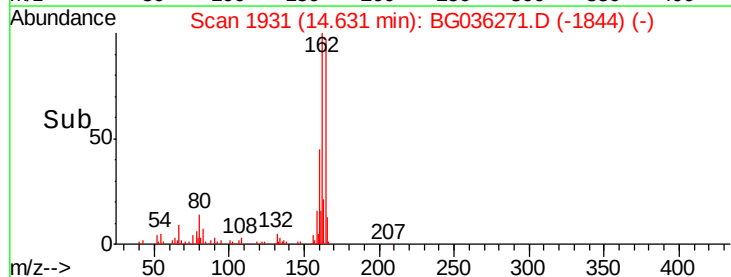
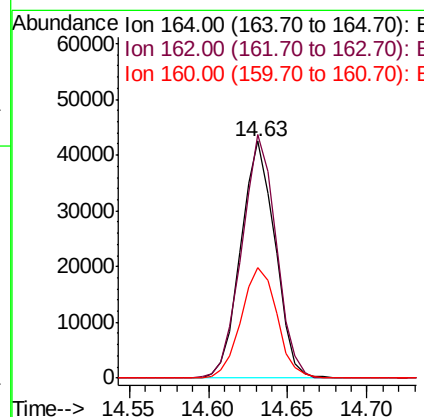
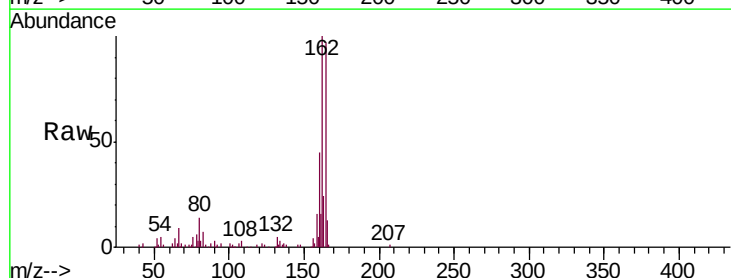
Manual Integrations
 APPROVED

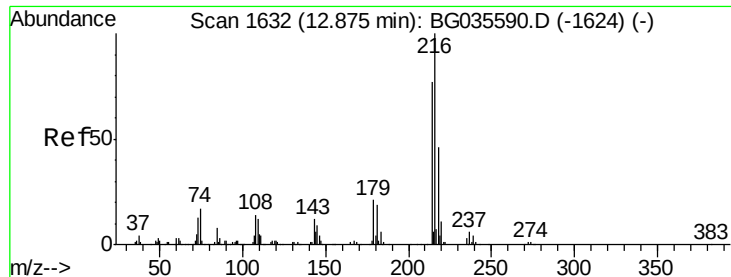
Sohil
 8/13/2018 6:08:35 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63632		
162	102.7	78.8	118.2	
160	46.4	35.4	53.0	





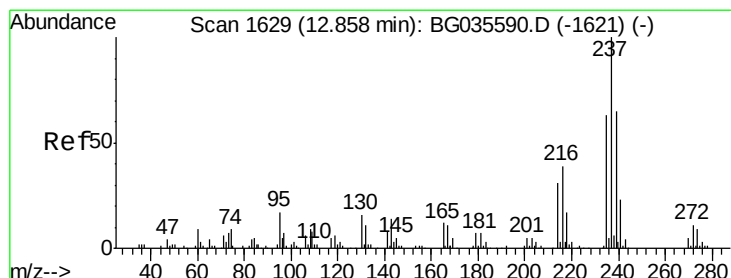
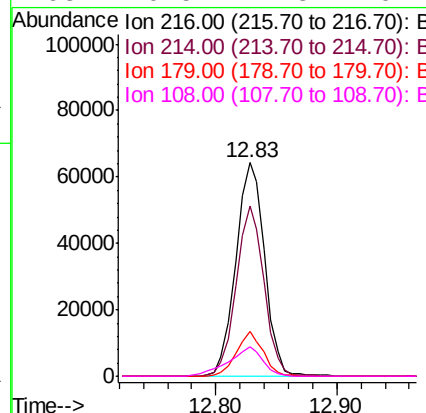
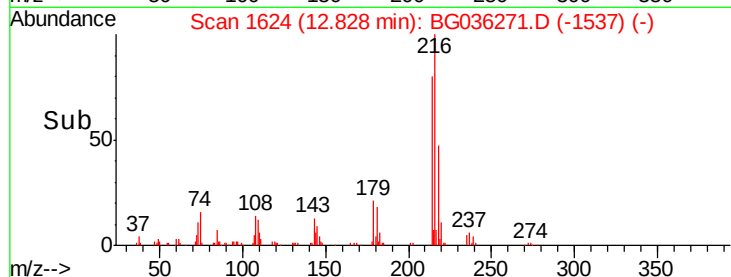
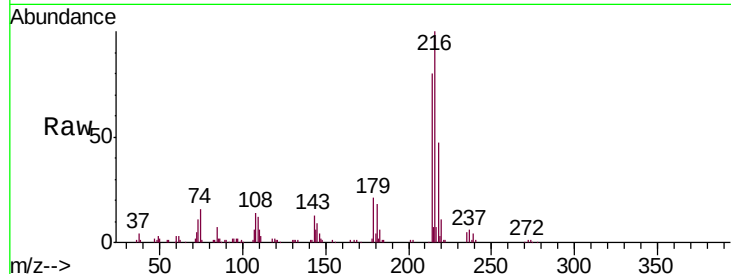
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.400 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleID :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	106636		
214	76.9	63.0	94.4	
179	19.2	17.0	25.6	
108	16.5	12.8	19.2	

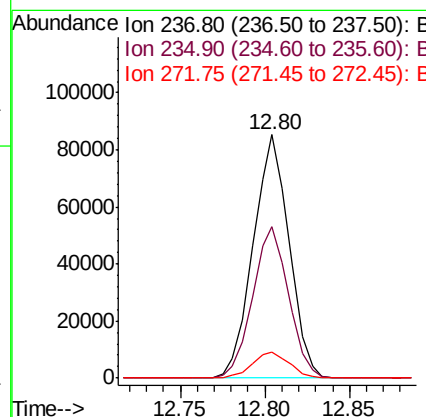
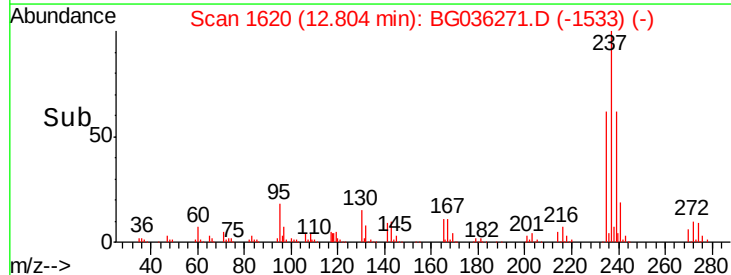
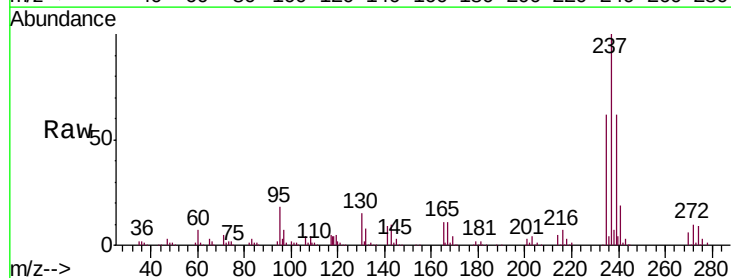
Manual Integrations
 APPROVED

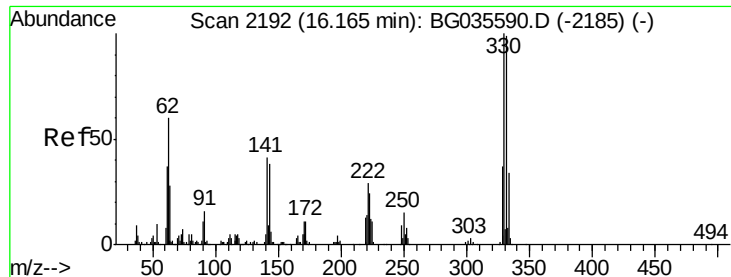
Sohil
 8/13/2018 6:08:35 PM



#40
 Hexachlorocyclopentadiene
 Concen: 99.565 ng
 RT: 12.80 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	125407		
235	62.1	50.4	90.4	
272	10.4	0.0	31.8	





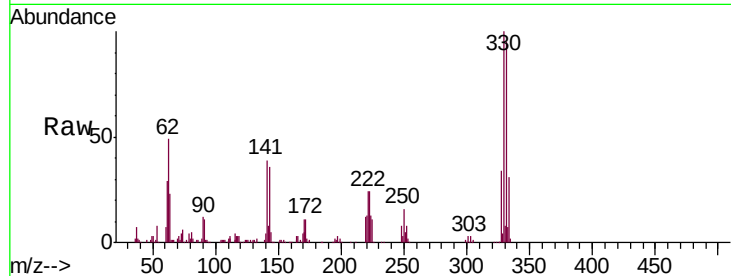
#41
 2,4,6-Tribromophenol
 Concen: 187.357 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampled :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157138		
332	94.6	77.0	115.6	
141	38.9	25.2	37.8	

Manual Integrations
 APPROVED

Sohil
 8/13/2018 6:08:35 PM

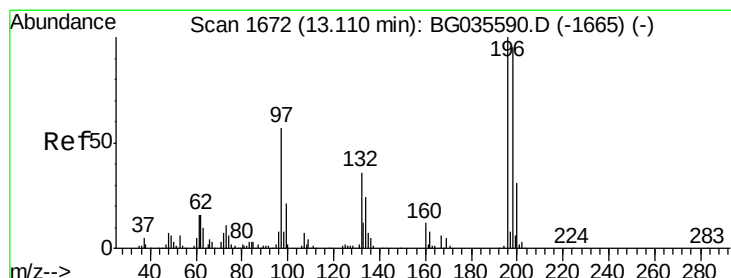
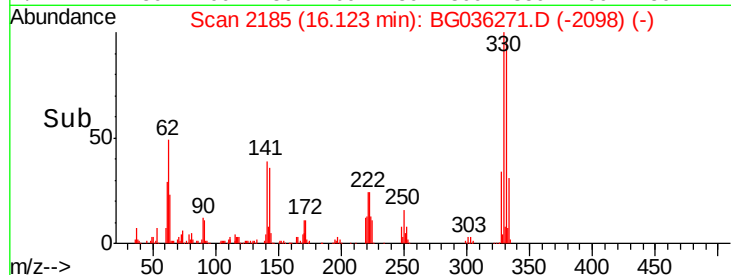
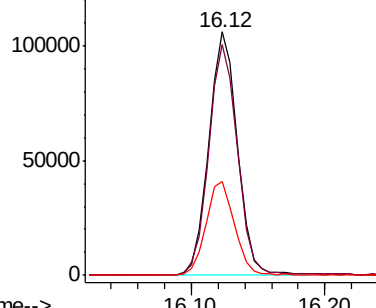


Abundance

Ion 329.80 (329.50 to 330.50): E

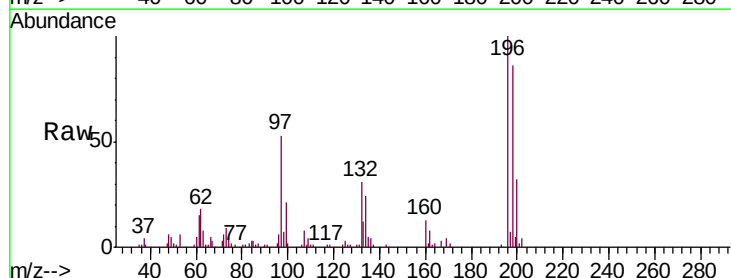
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.007 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64618		
198	85.7	78.2	117.2	
200	32.3	24.6	36.8	

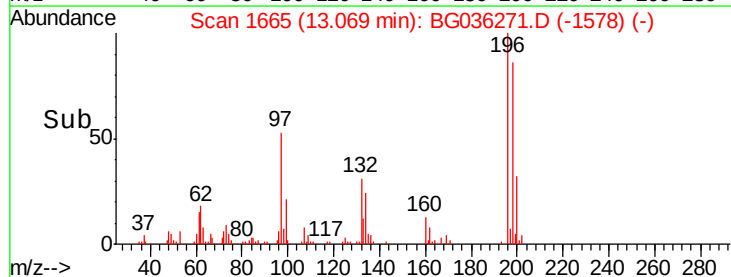
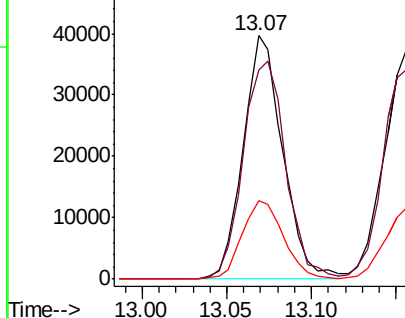


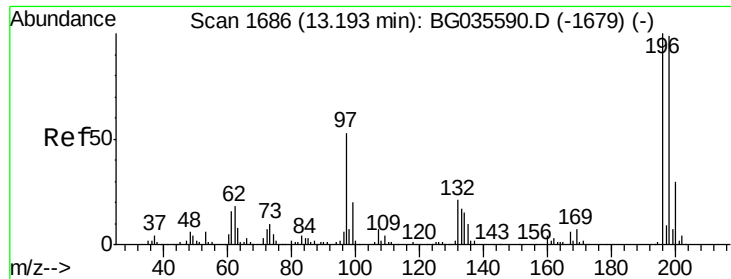
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





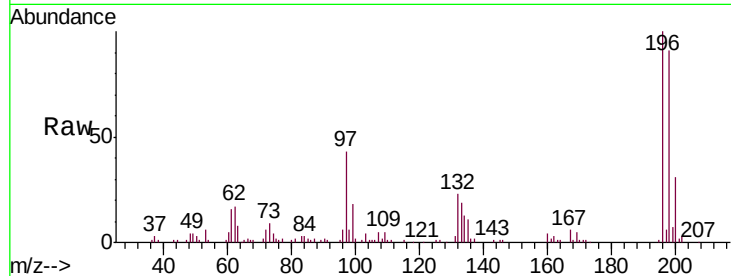
#43
 2,4,5-Trichlorophenol
 Concen: 47.105 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		74012		
198	90.7	76.2	114.4		
97	43.4	38.7	58.1		
132	23.0	20.2	30.2		

Manual Integrations
 APPROVED

Sohil
 8/13/2018 6:08:35 PM



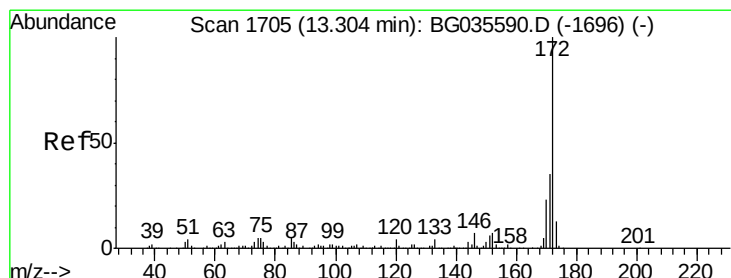
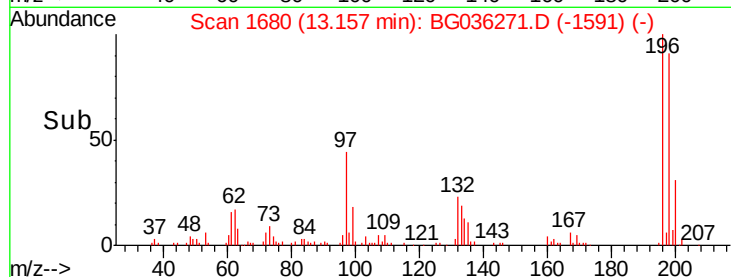
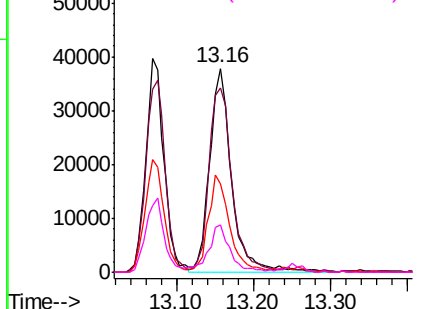
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

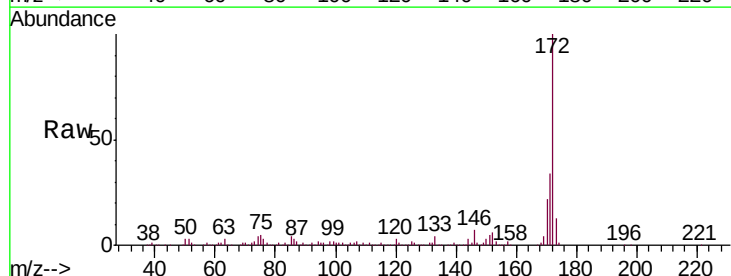
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.813 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		383827		
171	34.4	30.0	45.0		
170	22.2	19.5	29.3		

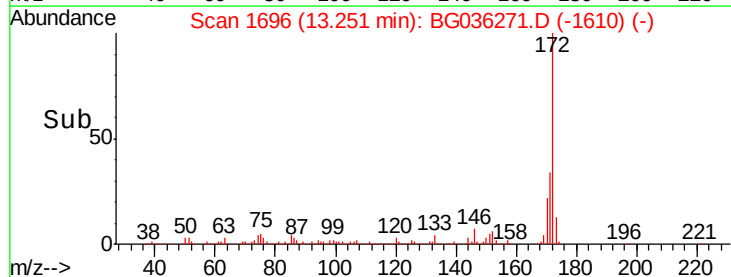
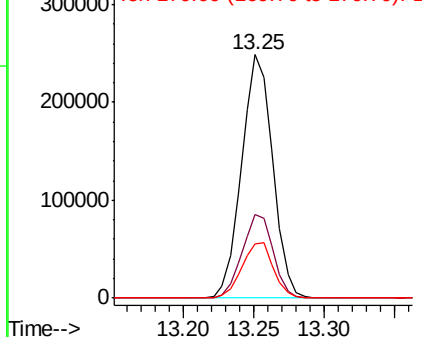


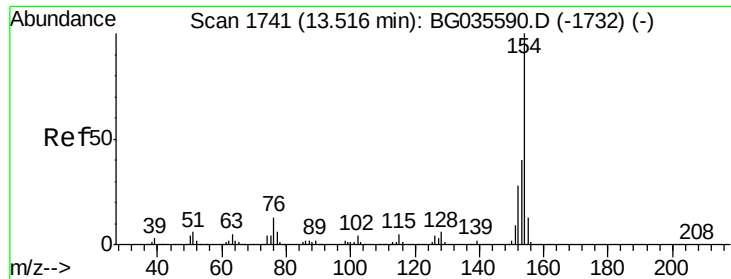
Abundance

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





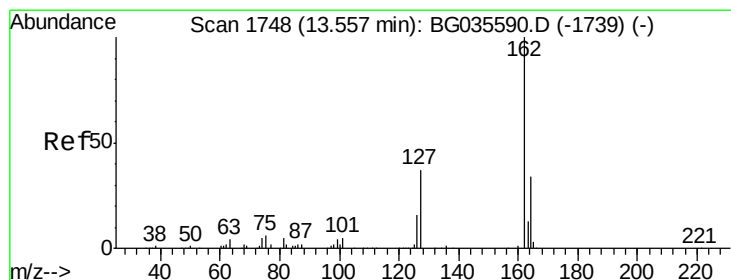
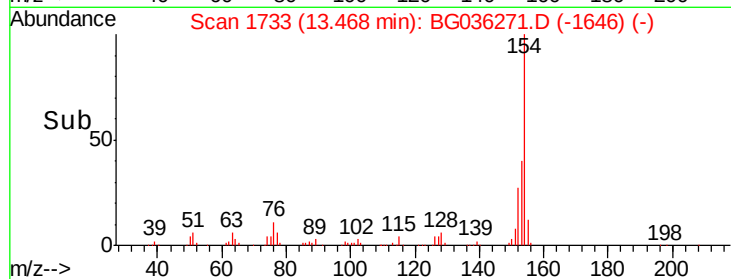
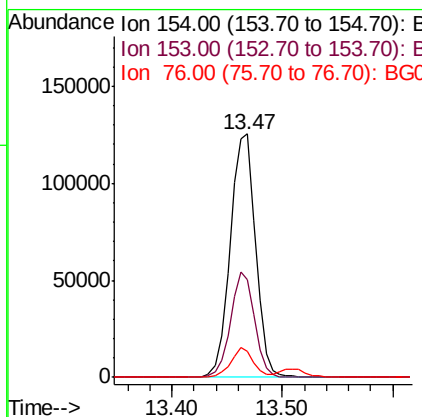
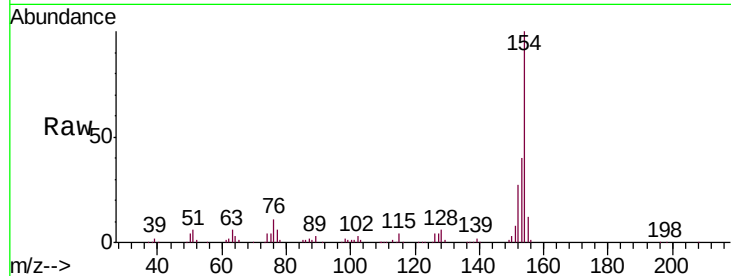
#45
 1,1'-Biphenyl
 Concen: 40.946 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	202003		
153	40.0	19.8	59.8	
76	10.5	0.0	31.9	

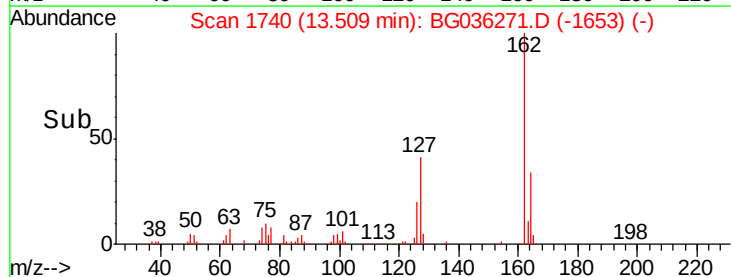
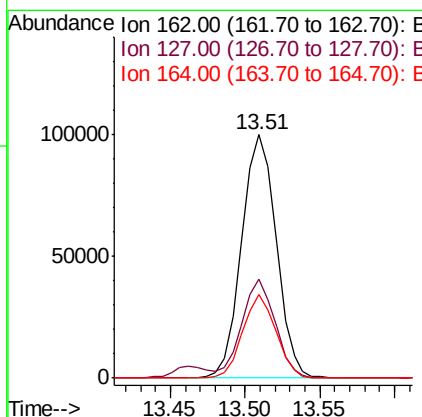
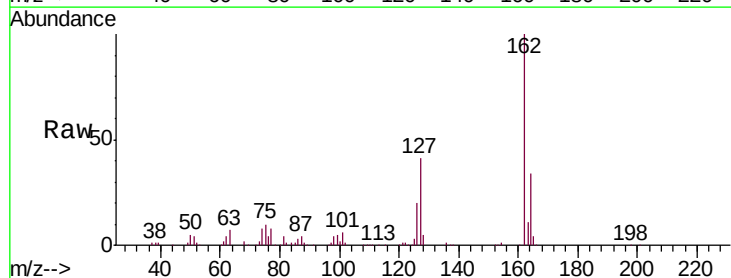
Manual Integrations
 APPROVED

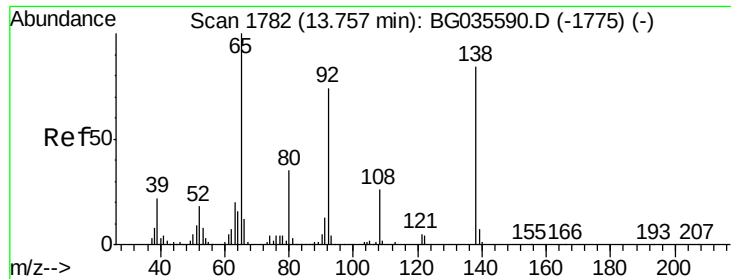
Sohil
 8/13/2018 6:08:35 PM



#46
 2-Chloronaphthalene
 Concen: 41.955 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	160996		
127	40.6	30.7	46.1	
164	34.4	26.0	39.0	





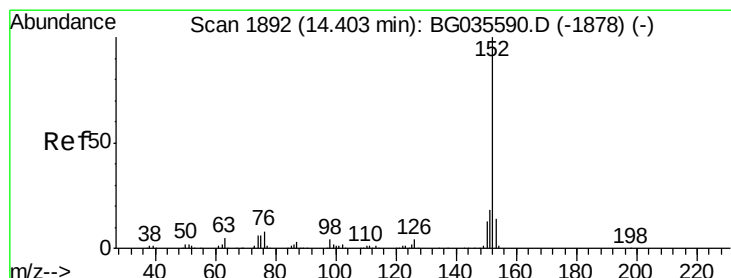
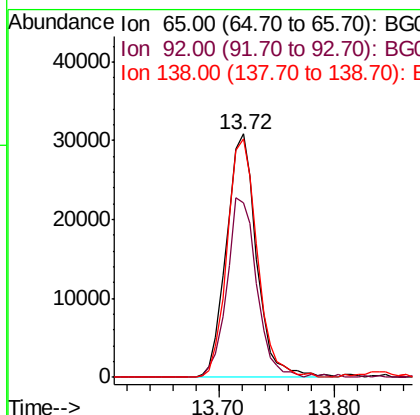
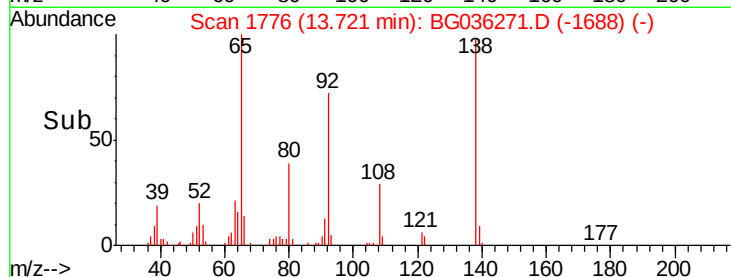
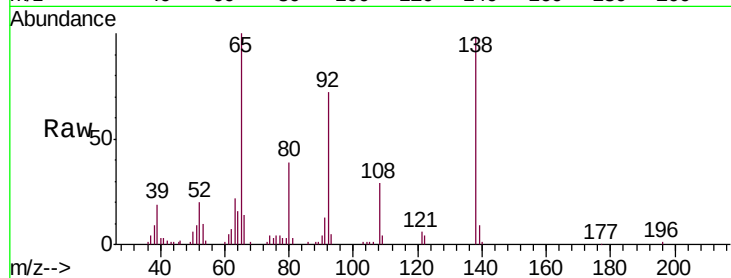
#47
2-Nitroaniline
Concen: 41.090 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	54.6	82.0
138	98.0	72.9	109.3

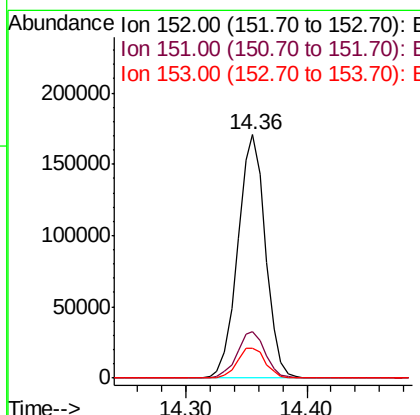
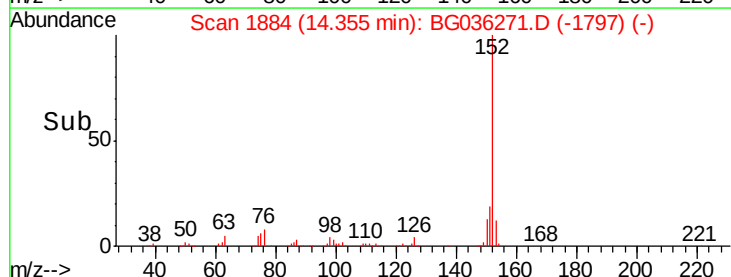
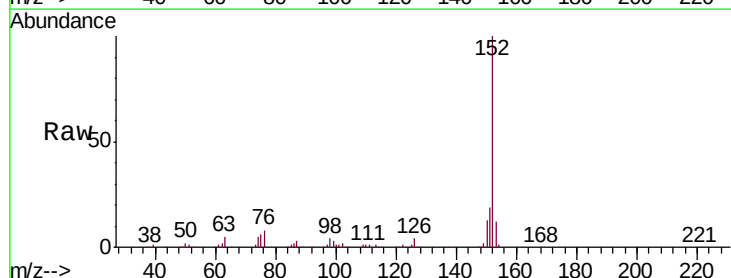
Manual Integrations
APPROVED

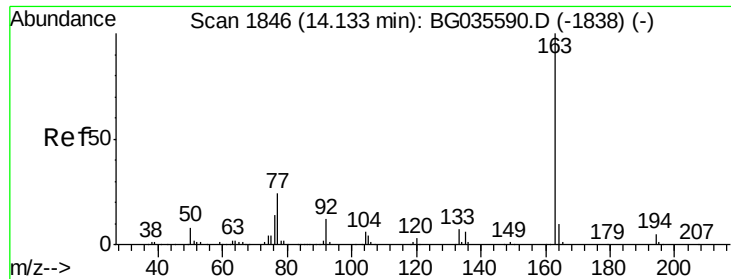
Sohil
8/13/2018 6:08:35 PM



#48
Acenaphthylene
Concen: 42.327 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.2	25.8
153	12.1	10.2	15.4





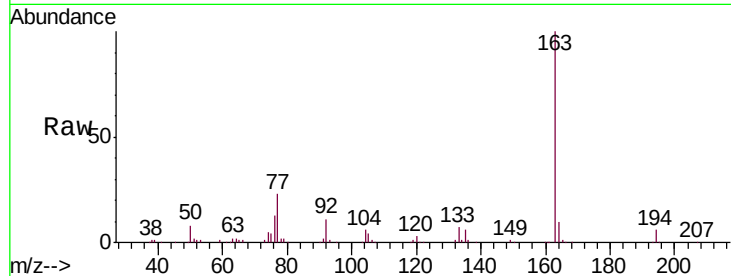
#49
Dimethylphthalate
Concen: 39.275 ng
RT: 14.08 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

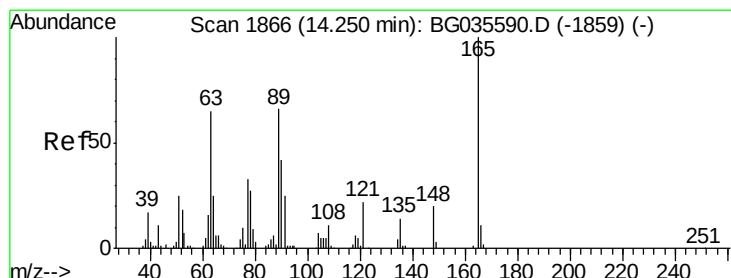
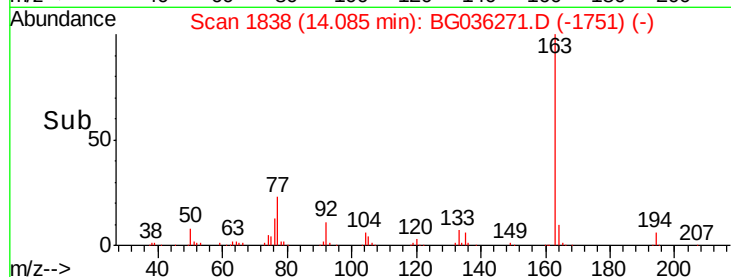
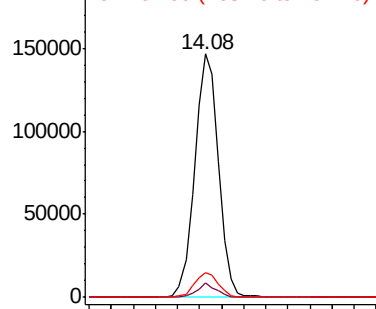
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	218961		
194	5.8	3.4	5.2#	
164	9.9	8.2	12.4	

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM

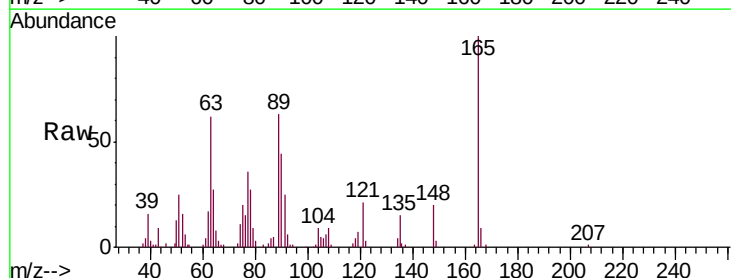


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

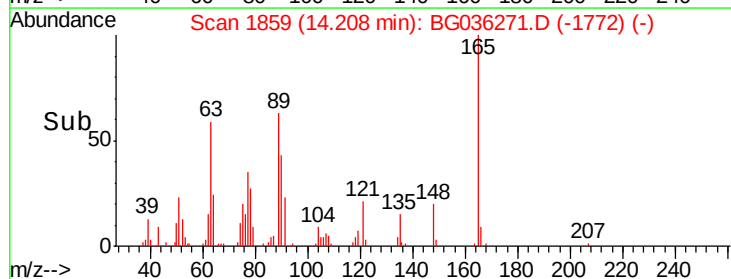
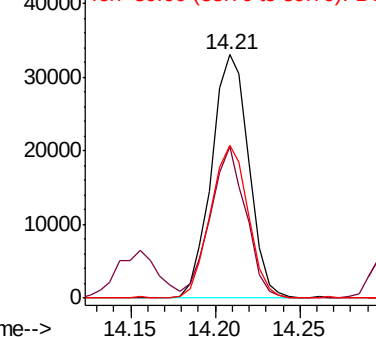


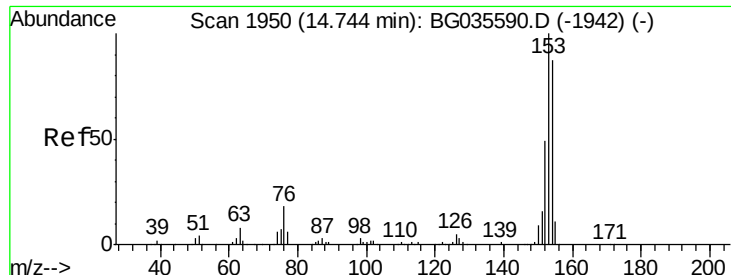
#50
2,6-Dinitrotoluene
Concen: 44.685 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	50731		
63	62.0	52.7	79.1	
89	62.6	49.2	73.8	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





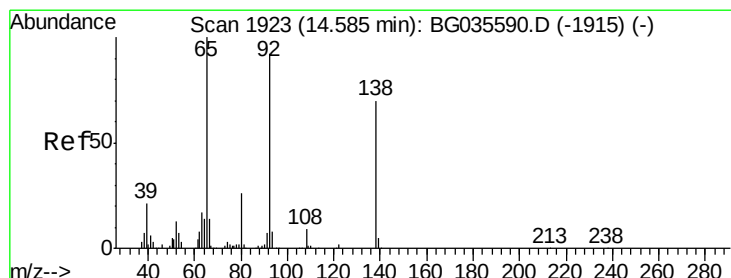
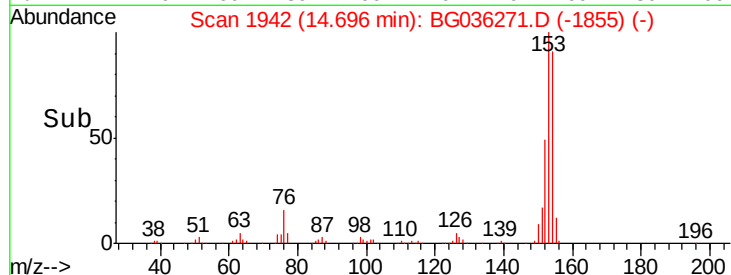
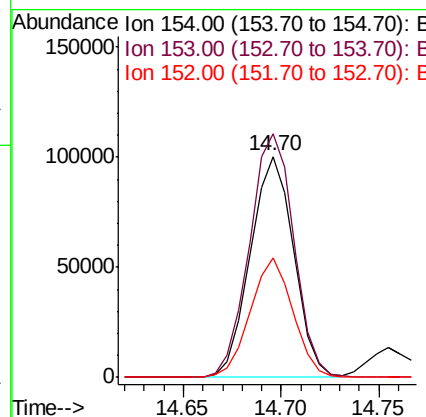
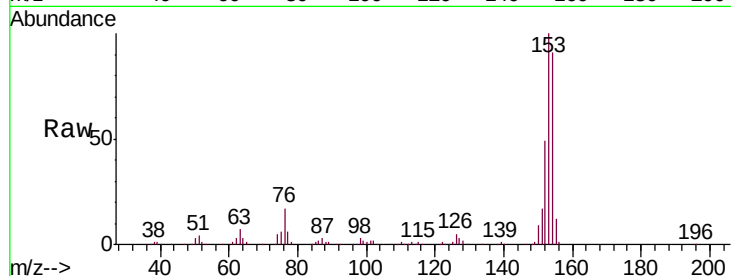
#51
Acenaphthene
Concen: 38.686 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	154910		
153	110.2	90.4	135.6	
152	53.8	41.6	62.4	

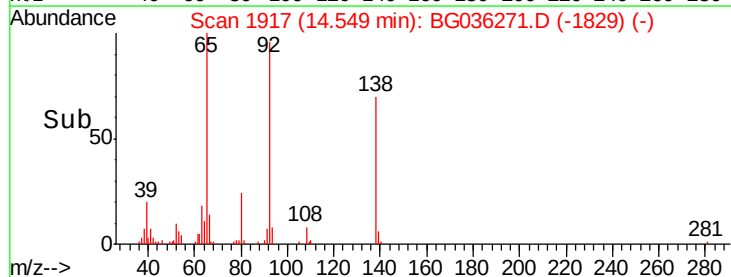
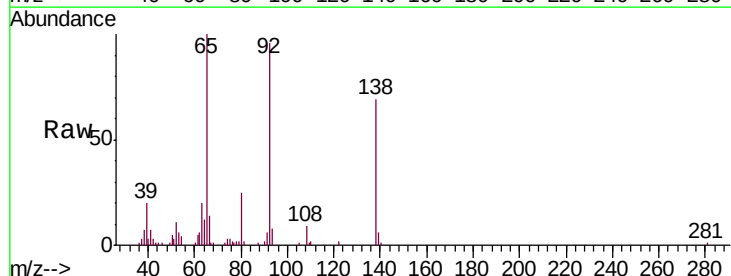
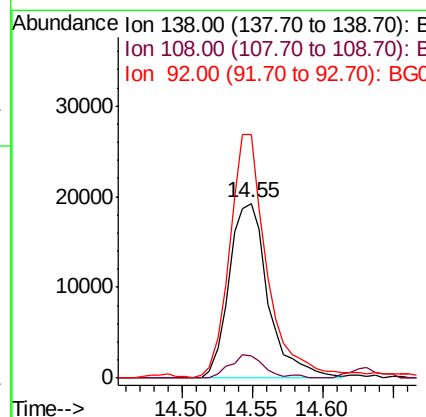
Manual Integrations
APPROVED

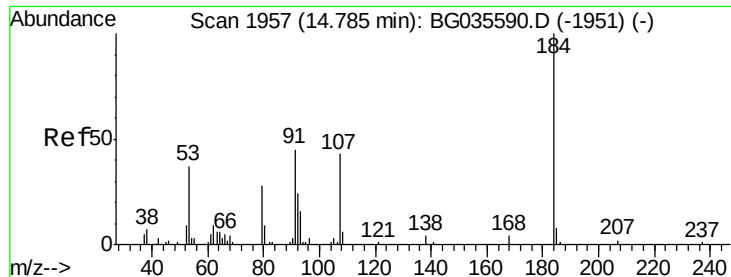
Sohil
8/13/2018 6:08:35 PM



#52
3-Nitroaniline
Concen: 32.037 ng
RT: 14.55 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37174		
108	13.0	17.5	26.3#	
92	139.2	105.8	158.8	





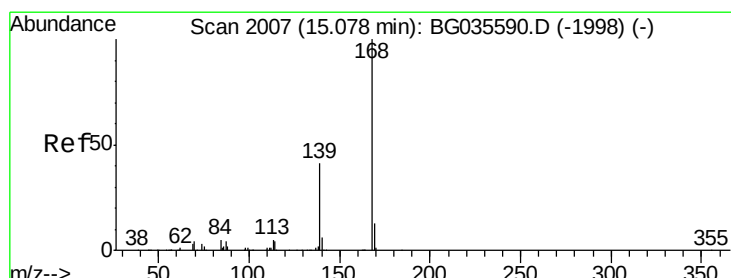
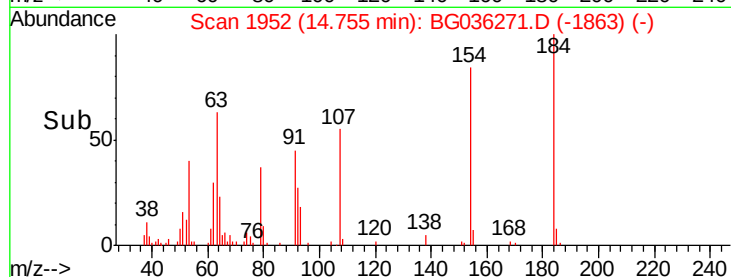
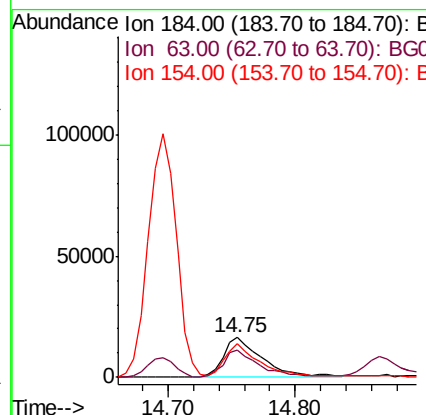
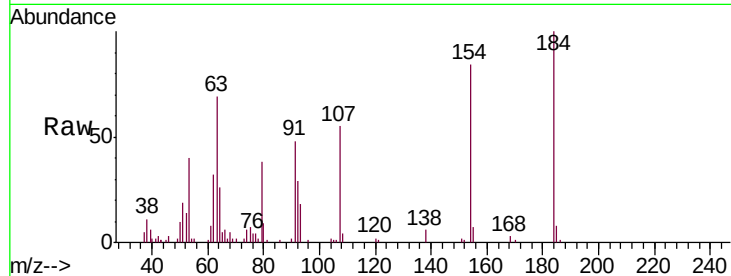
#53
2,4-Dinitrophenol
Concen: 61.897 ng
RT: 14.75 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35189		
63	69.0	59.8	89.8	
154	84.4	101.8	152.8	

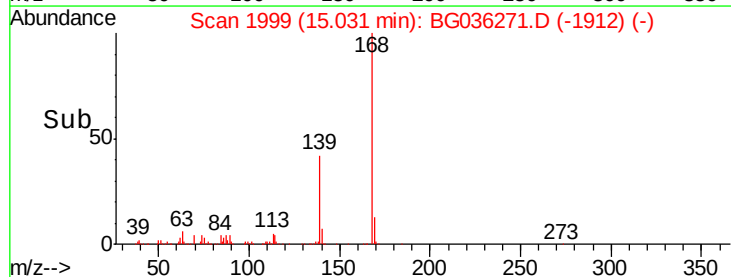
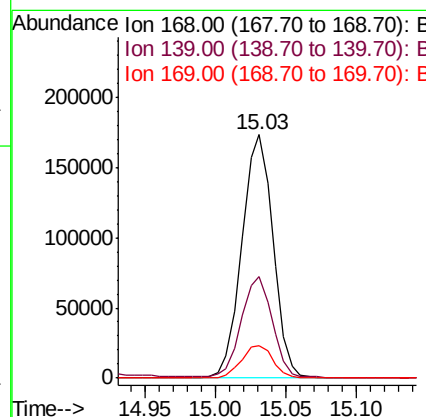
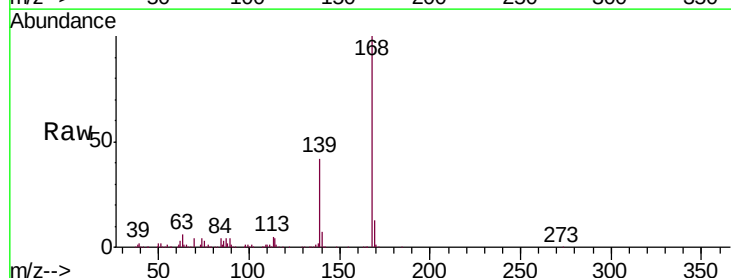
Manual Integrations
APPROVED

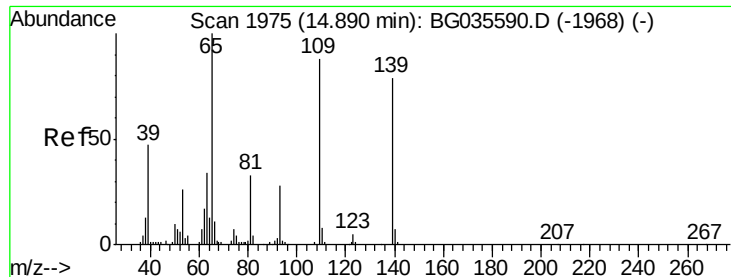
Sohil
8/13/2018 6:08:35 PM



#54
Dibenzofuran
Concen: 42.125 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	268261		
139	41.8	28.6	43.0	
169	13.4	11.2	16.8	





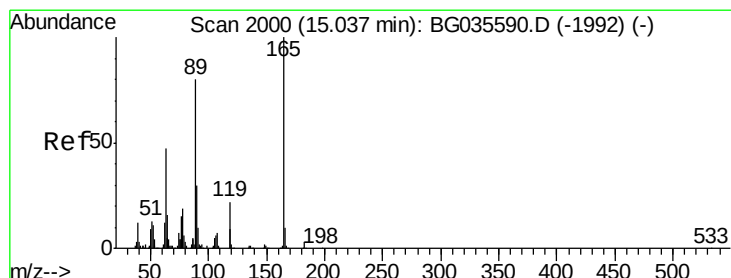
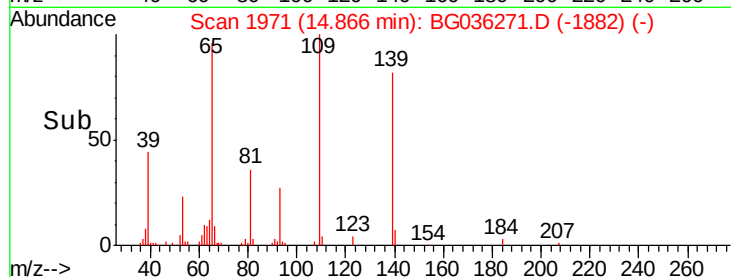
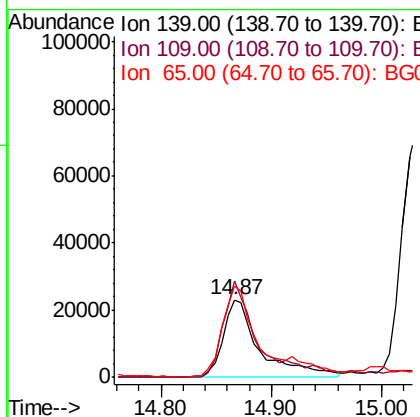
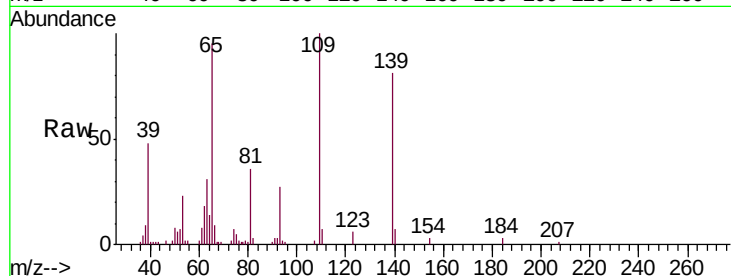
#55
4-Nitrophenol
Concen: 65.408 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54051		
109	123.5	62.2	102.2#	
65	117.8	97.2	137.2	

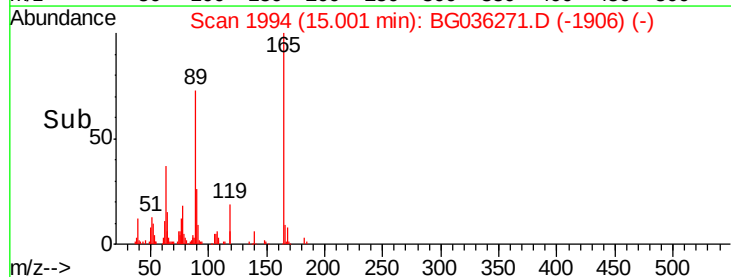
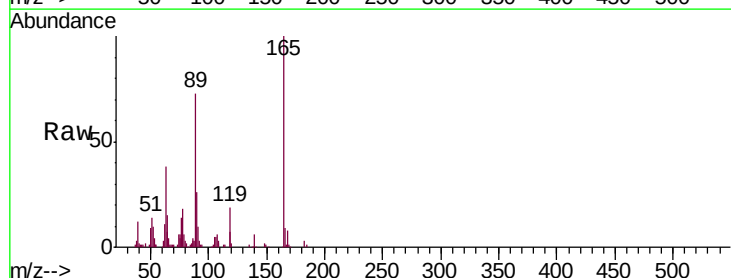
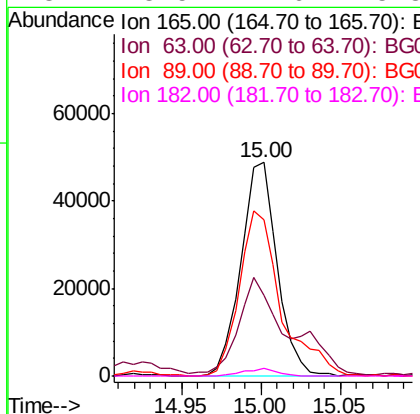
Manual Integrations
APPROVED

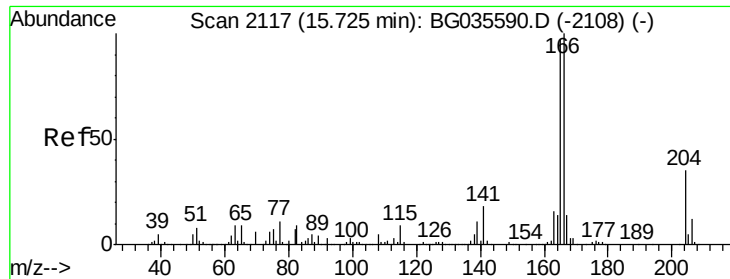
Sohil
8/13/2018 6:08:35 PM



#56
2,4-Dinitrotoluene
Concen: 47.472 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77320		
63	37.7	42.0	63.0#	
89	73.4	66.9	100.3	
182	3.5	2.6	3.8	





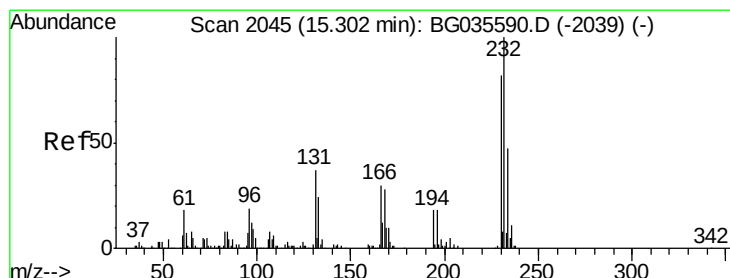
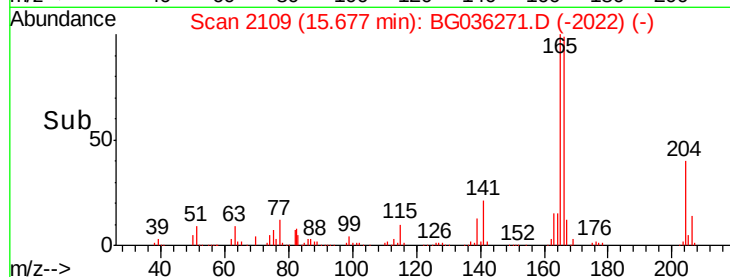
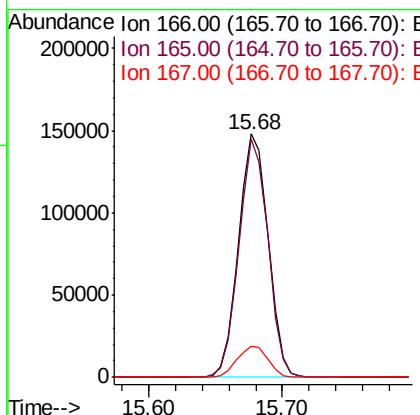
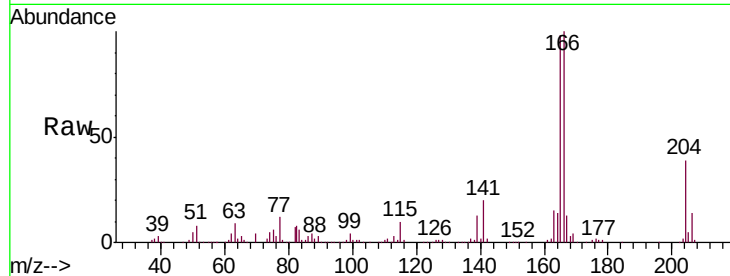
#57
 Fluorene
 Concen: 42.459 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	226624		
165	98.2	80.6	121.0	
167	13.1	10.4	15.6	

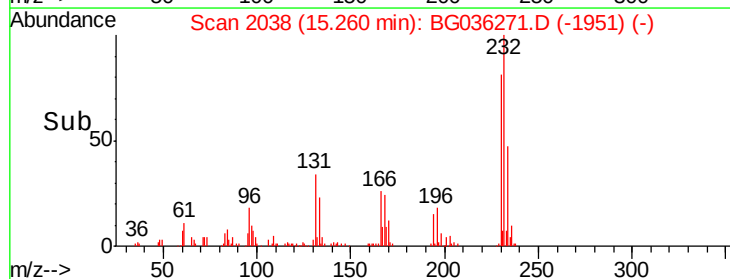
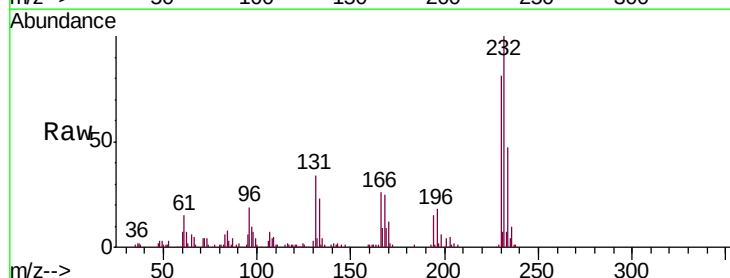
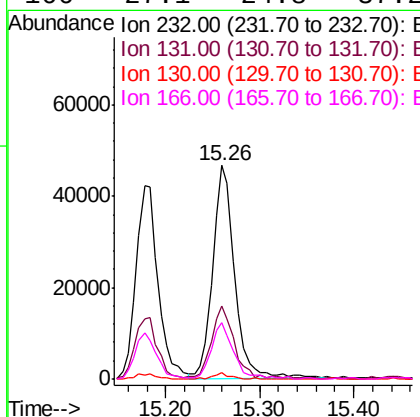
Manual Integrations
 APPROVED

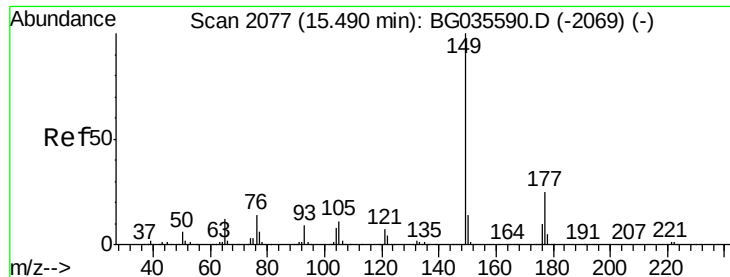
Sohil
 8/13/2018 6:08:35 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.828 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	76571		
131	36.7	33.5	50.3	
130	2.2	2.2	3.2#	
166	27.1	24.8	37.2	





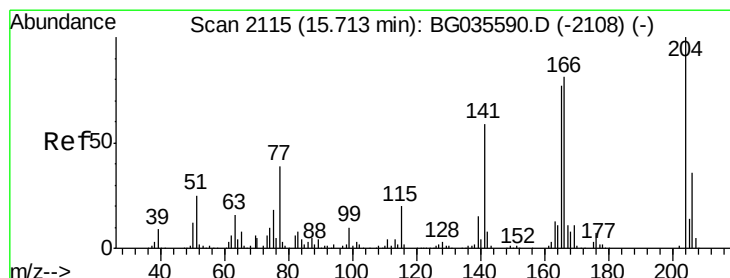
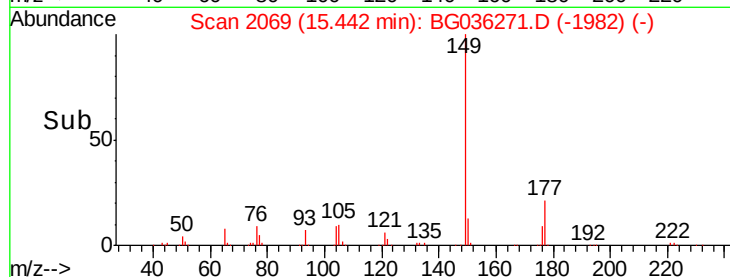
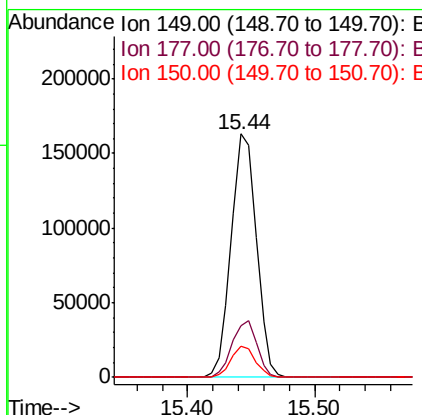
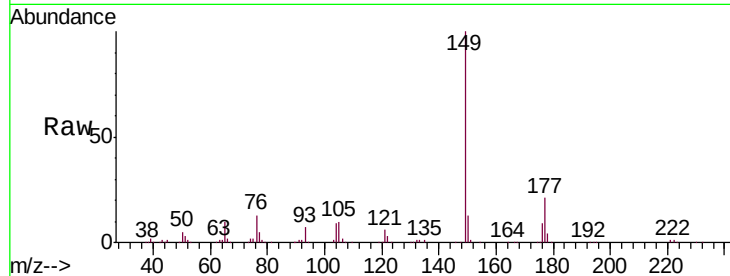
#59
Diethylphthalate
Concen: 39.148 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion:	149	Resp:	224419
Ion Ratio	Lower	Upper	
149	100		
177	21.4	18.5	27.7
150	12.8	10.2	15.2

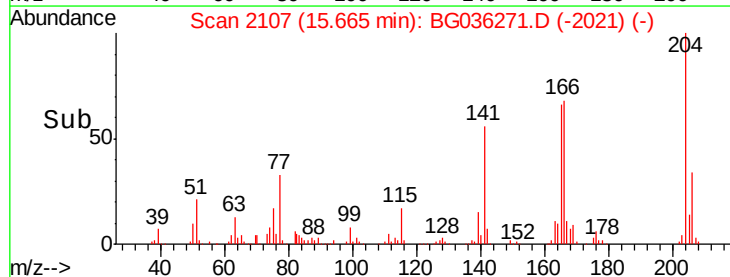
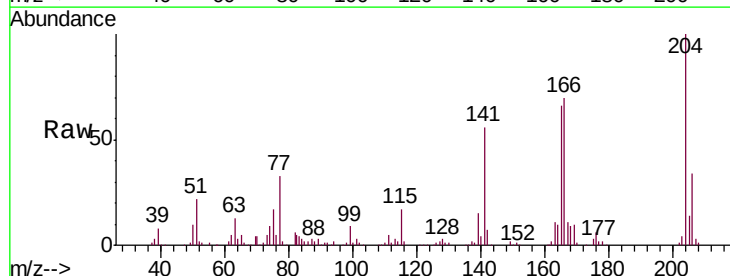
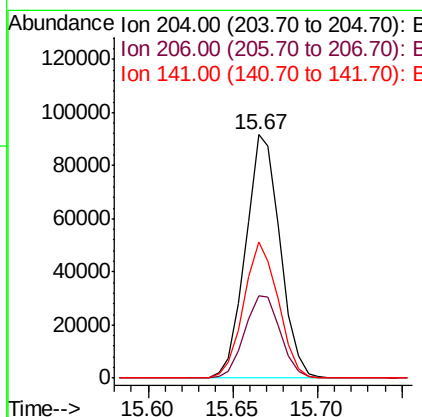
Manual Integrations
APPROVED

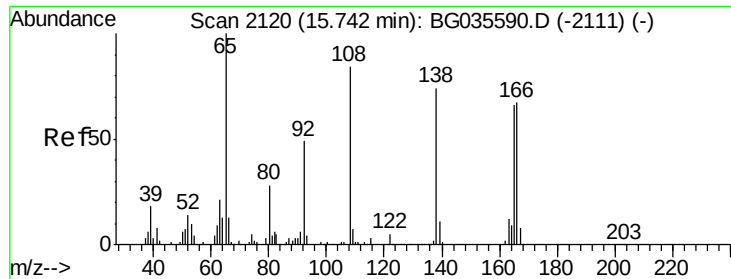
Sohil
8/13/2018 6:08:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.459 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.03 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion:	204	Resp:	130061
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.2	39.2
141	55.8	45.8	68.6





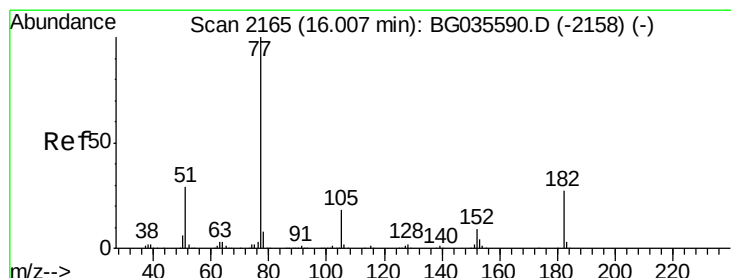
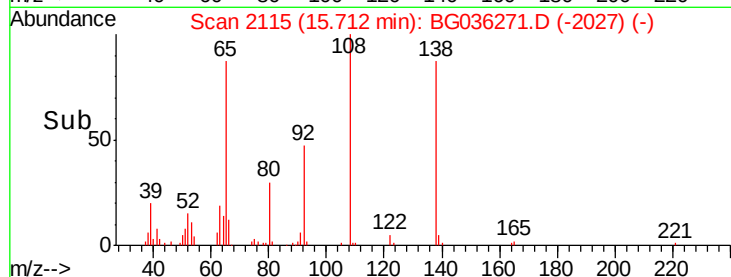
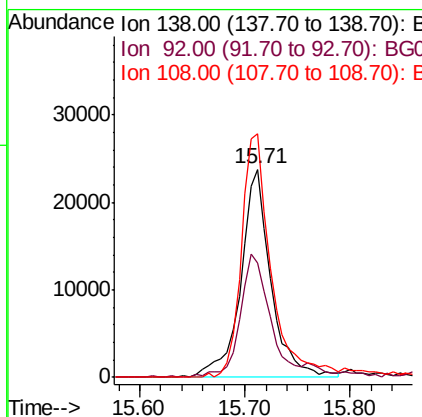
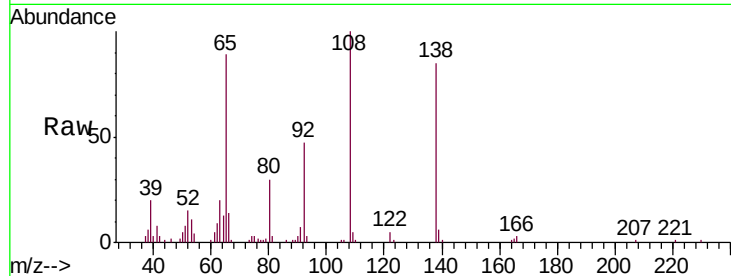
#61
4-Nitroaniline
Concen: 38.963 ng m
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion: 138 Resp: 47293
Ion Ratio Lower Upper
138 100
92 54.7 40.1 80.1
108 117.0 65.4 105.4#

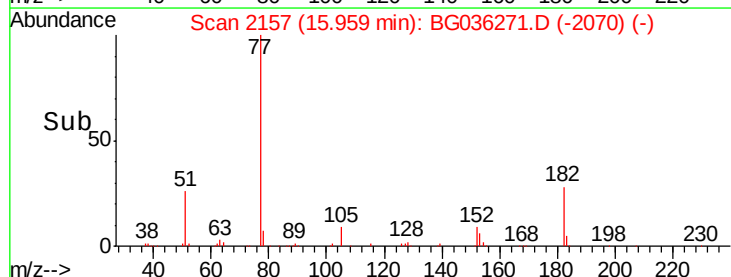
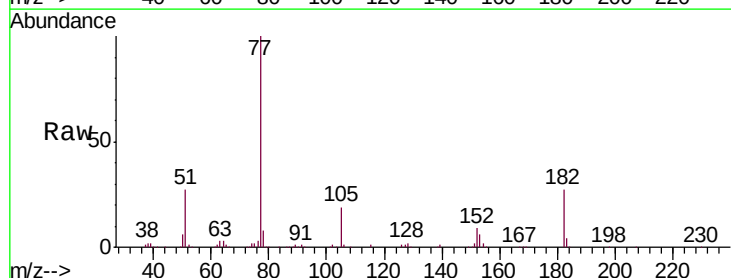
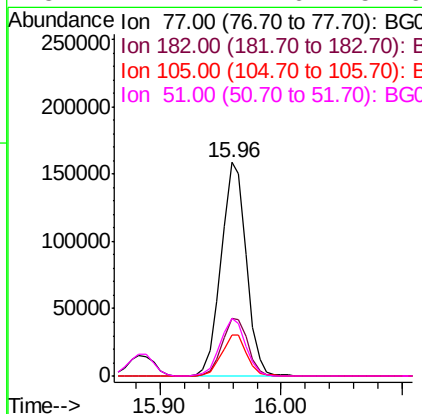
Manual Integrations
APPROVED

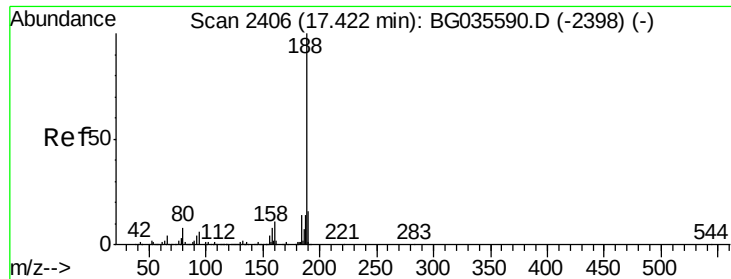
Sohil
8/13/2018 6:08:35 PM



#62
Azobenzene
Concen: 40.287 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion: 77 Resp: 227809
Ion Ratio Lower Upper
77 100
182 27.0 7.4 47.4
105 19.2 0.3 40.3
51 27.2 11.6 51.6





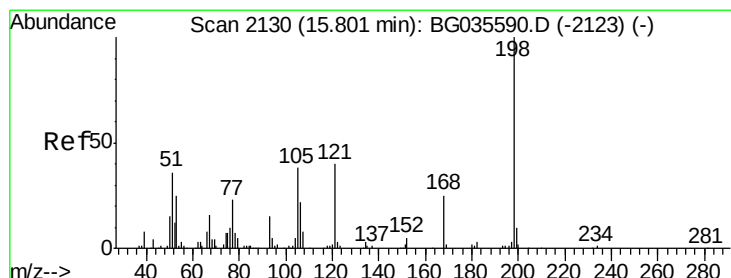
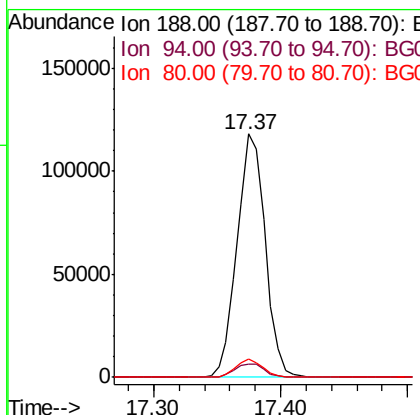
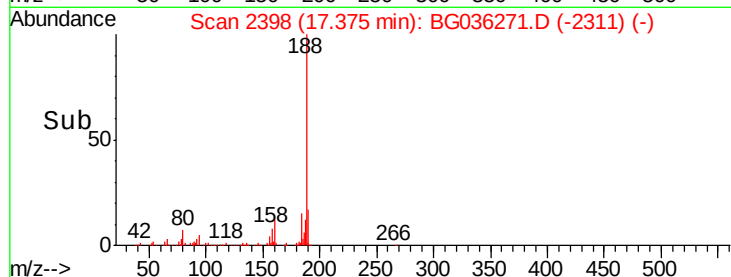
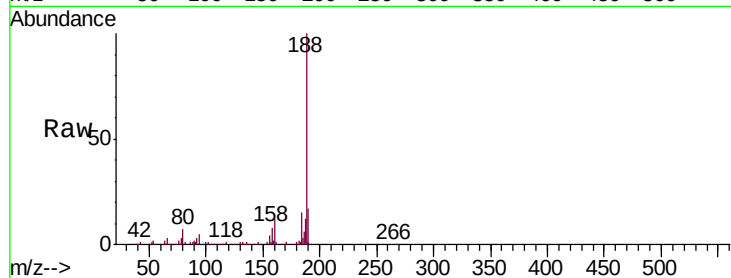
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.4	6.9	10.3#
80	7.4	7.7	11.5#

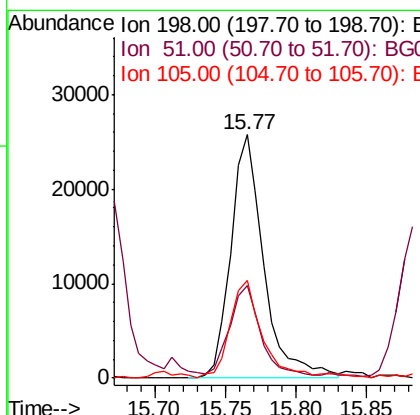
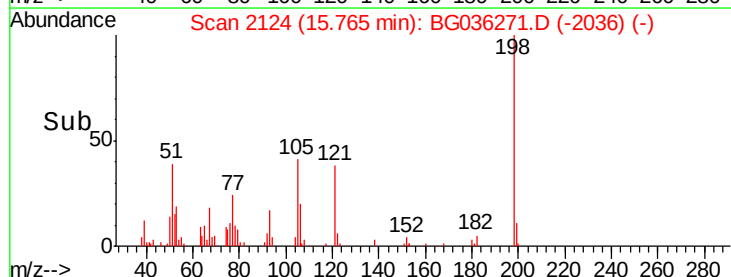
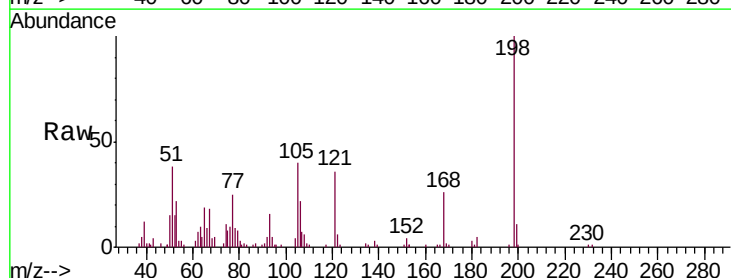
Manual Integrations
APPROVED

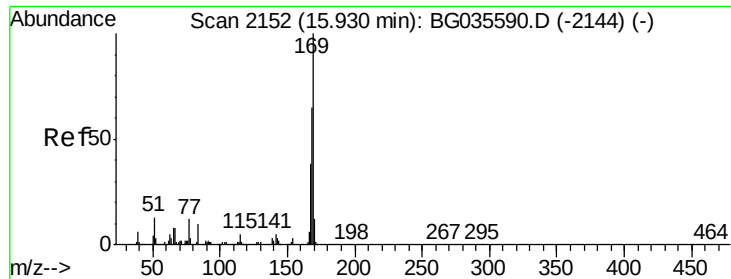
Sohil
8/13/2018 6:08:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.152 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.2	30.6	70.6
105	39.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 38.577 ng

RT: 15.88 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

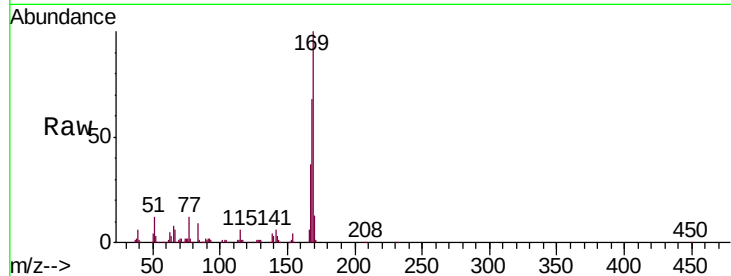
ClientSampleId :

PB111936BSD

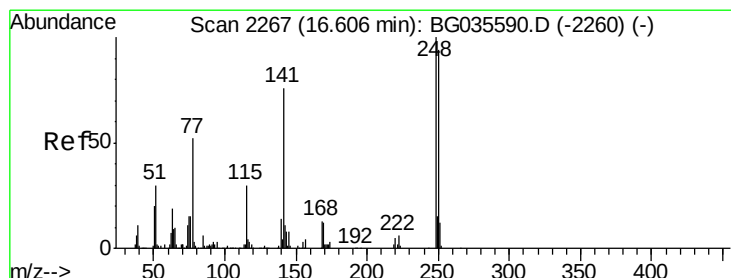
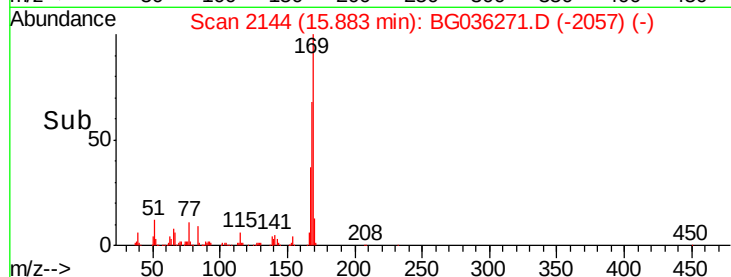
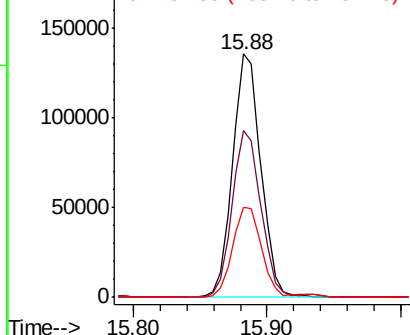
Tgt Ion:	169	Resp:	199924
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.7	83.5
167	36.7	30.1	45.1

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.021 ng

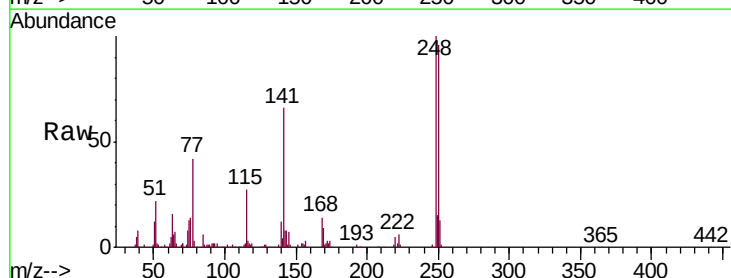
RT: 16.56 min Scan# 2260

Delta R.T. -0.02 min

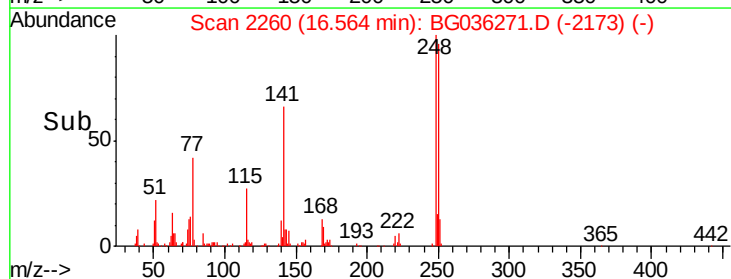
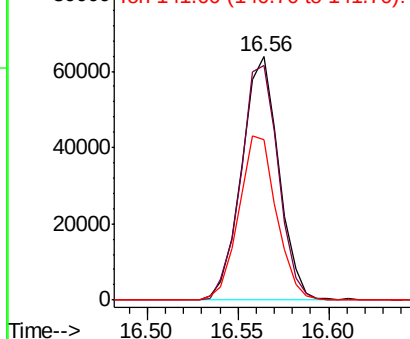
Lab File: BG036271.D

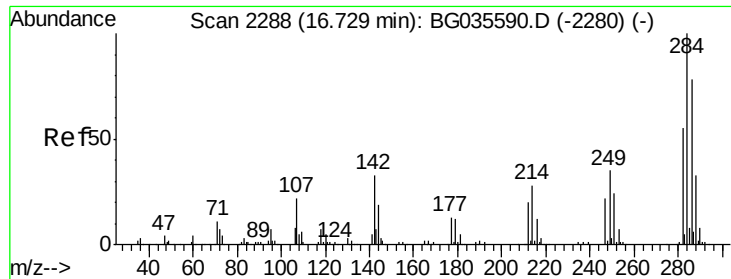
Acq: 10 Aug 2018 17:24

Tgt Ion:	248	Resp:	90875
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.1	115.7
141	66.2	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.461 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

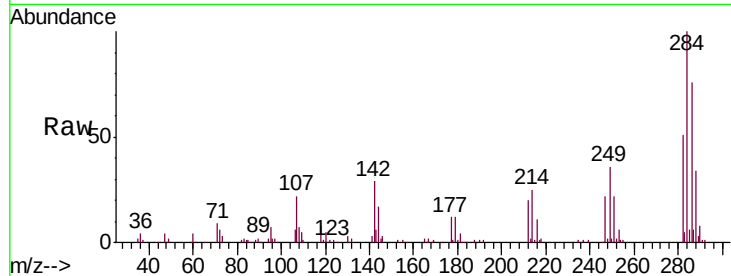
ClientSampleId :

PB111936BSD

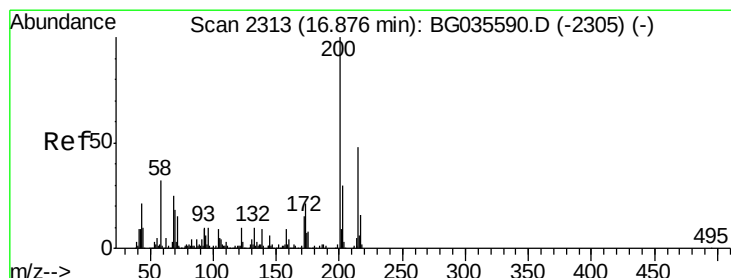
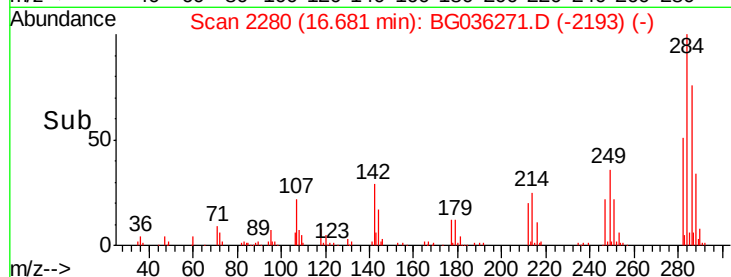
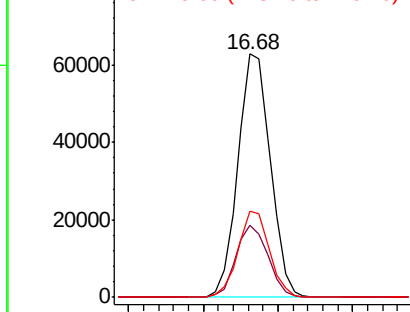
Tgt Ion:	284	Resp:	94541
Ion Ratio	Lower	Upper	
284	100		
142	29.4	26.8	40.2
249	35.6	26.3	39.5

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 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: 44.008 ng

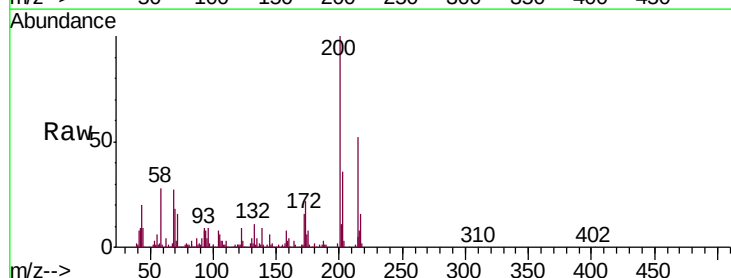
RT: 16.83 min Scan# 2306

Delta R.T. -0.01 min

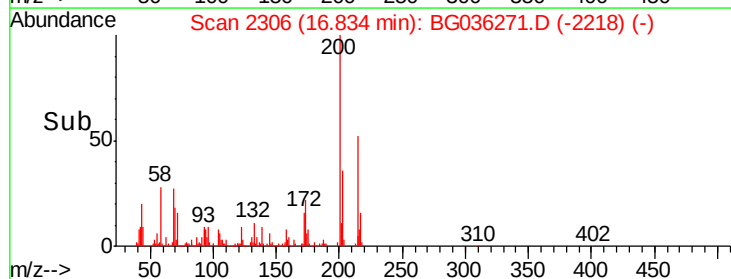
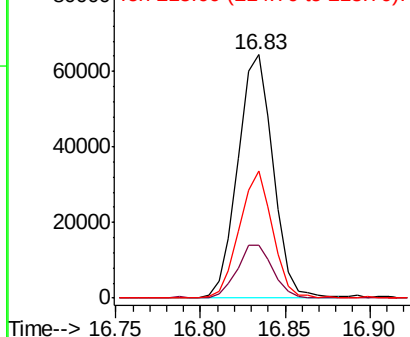
Lab File: BG036271.D

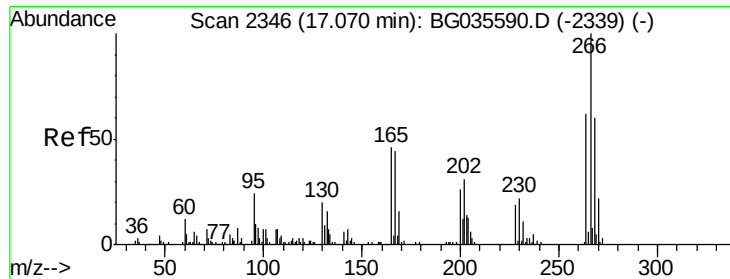
Acq: 10 Aug 2018 17:24

Tgt Ion:	200	Resp:	93903
Ion Ratio	Lower	Upper	
200	100		
173	21.6	5.2	45.2
215	52.0	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





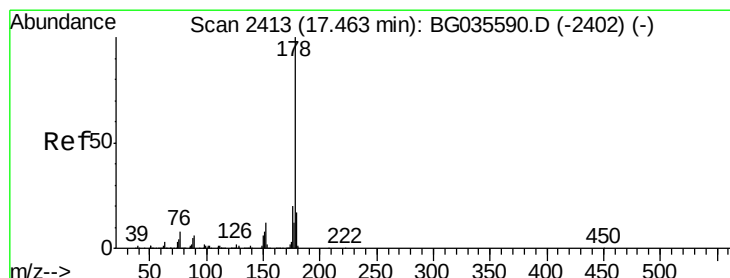
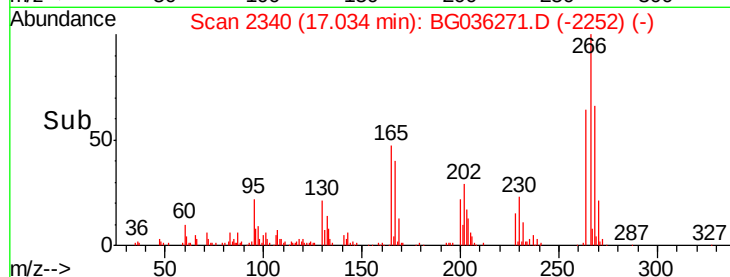
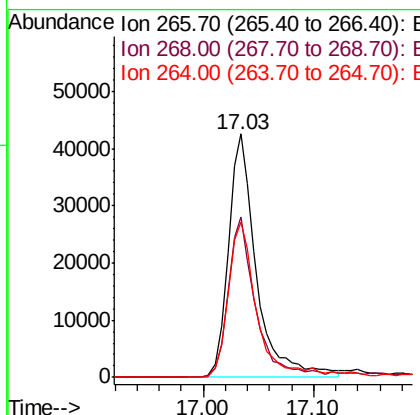
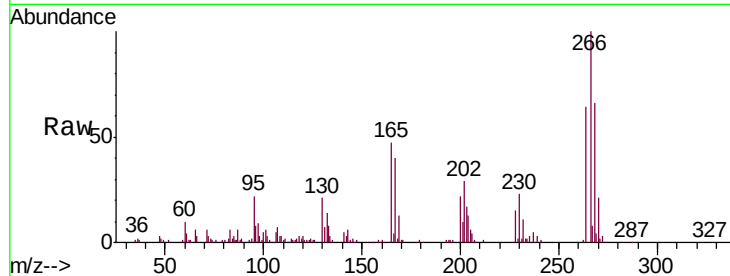
#69
 Pentachlorophenol
 Concen: 56.933 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.6	49.6	74.4

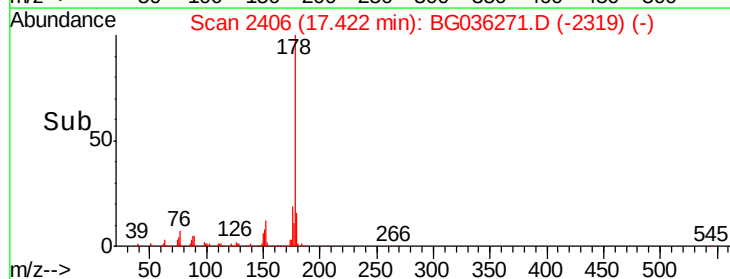
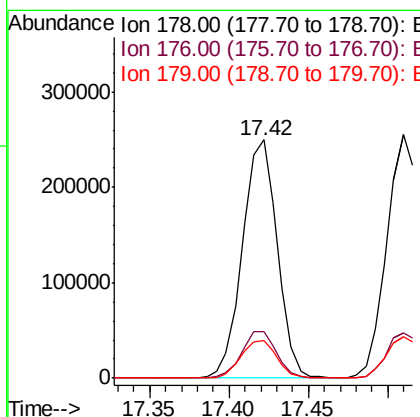
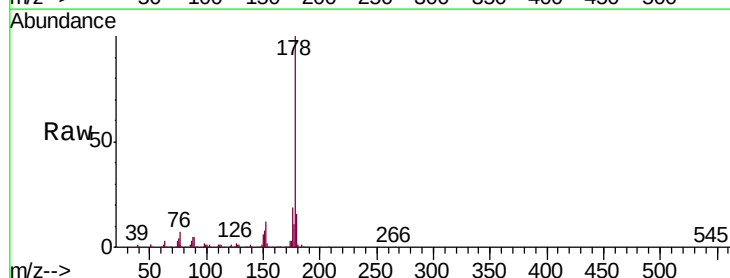
Manual Integrations
 APPROVED

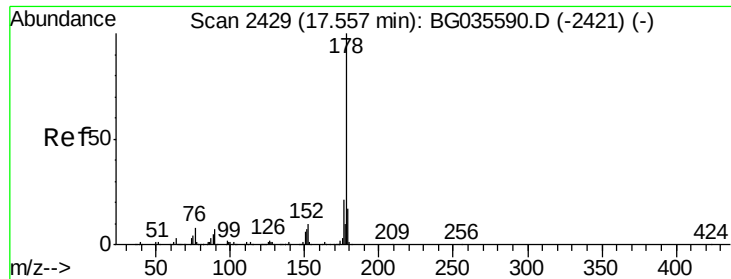
Sohil
 8/13/2018 6:08:35 PM



#70
 Phenanthrene
 Concen: 41.886 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.0	12.5	18.7





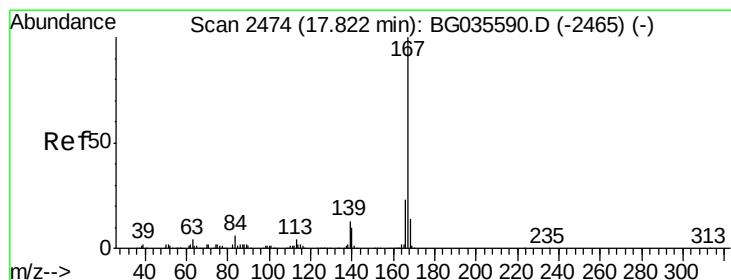
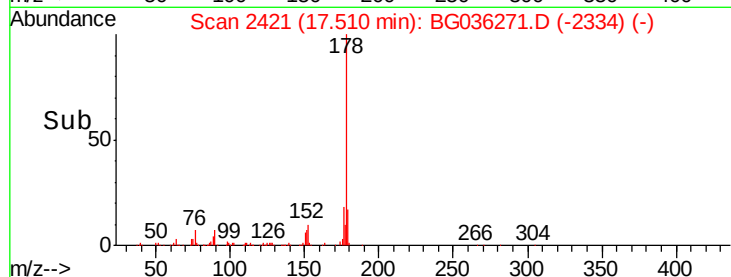
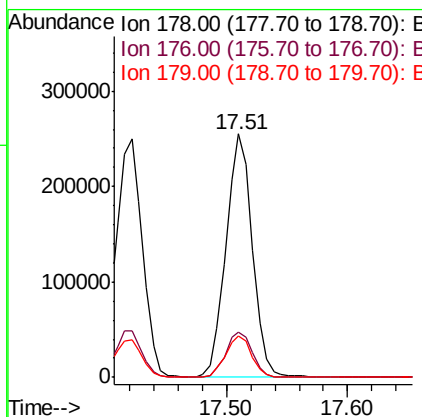
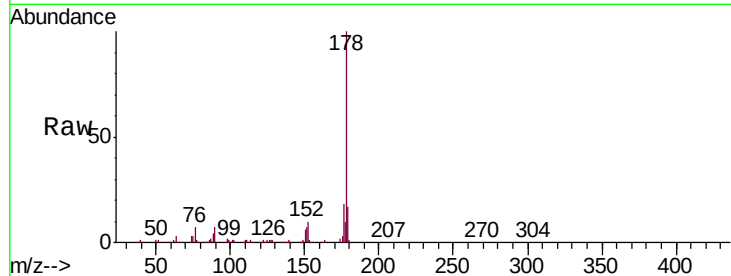
#71
 Anthracene
 Concen: 42.537 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	384801		
176	18.5	16.0	24.0	
179	16.9	12.5	18.7	

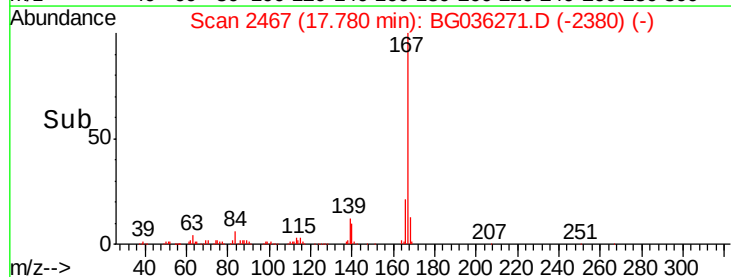
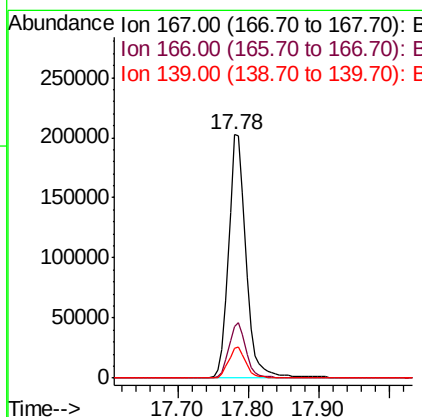
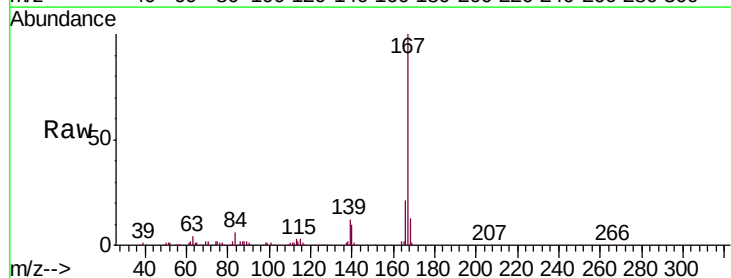
Manual Integrations
 APPROVED

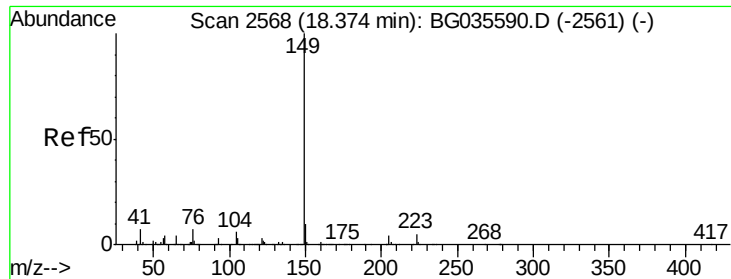
Sohil
 8/13/2018 6:08:35 PM



#72
 Carbazole
 Concen: 40.625 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	349012		
166	21.2	18.2	27.4	
139	12.2	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 39.700 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

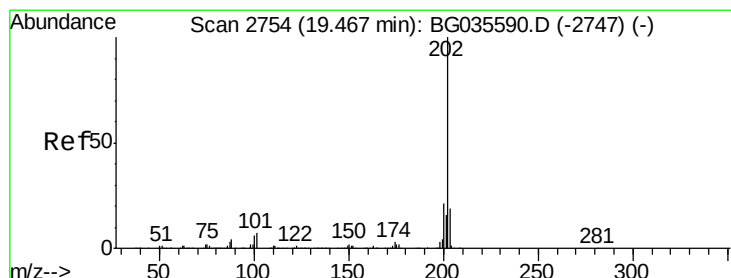
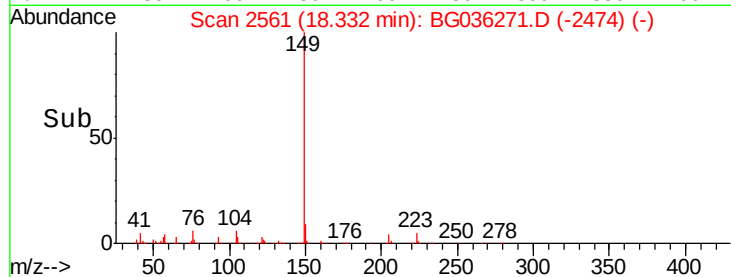
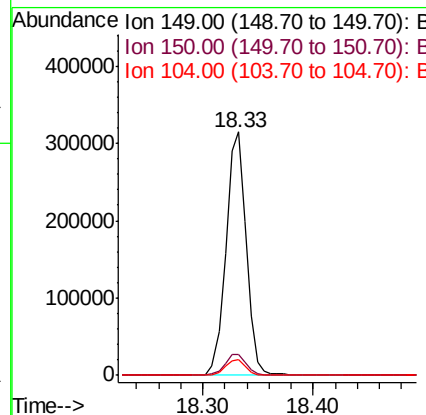
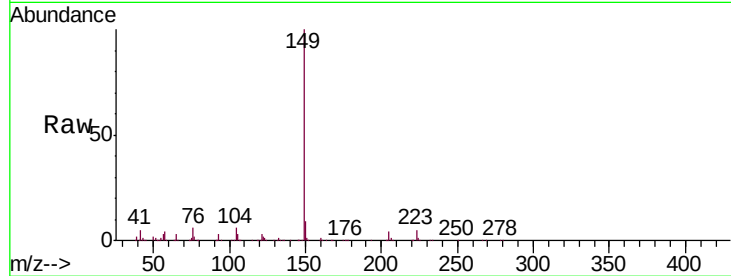
ClientSampleId :

PB111936BSD

Tgt Ion:	149	Resp:	403044
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.8	11.6
104	6.5	3.9	5.9#

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#74

Fluoranthene

Concen: 42.695 ng

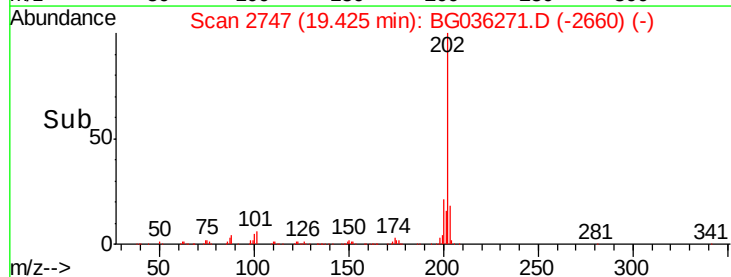
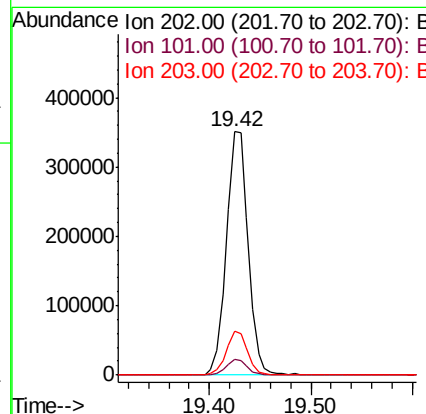
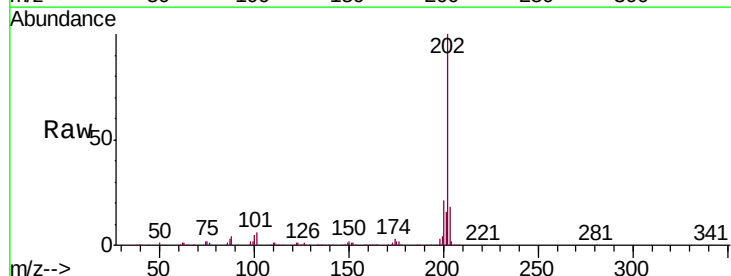
RT: 19.42 min Scan# 2747

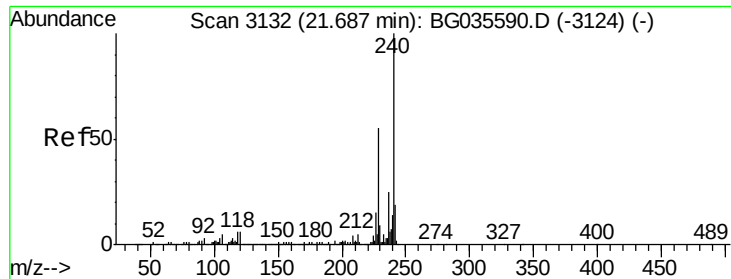
Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion:	202	Resp:	522474
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.9
203	18.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

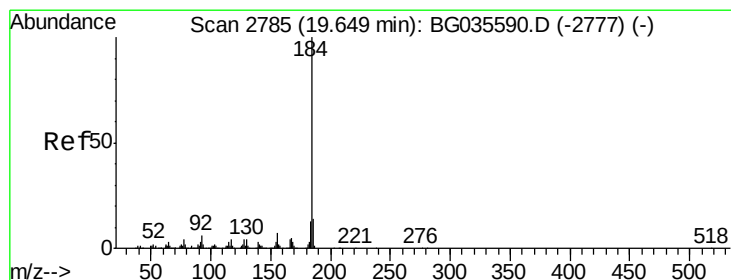
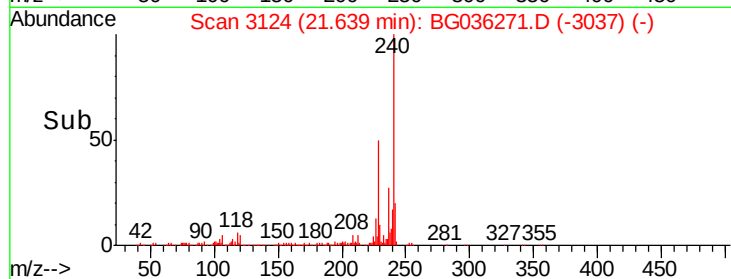
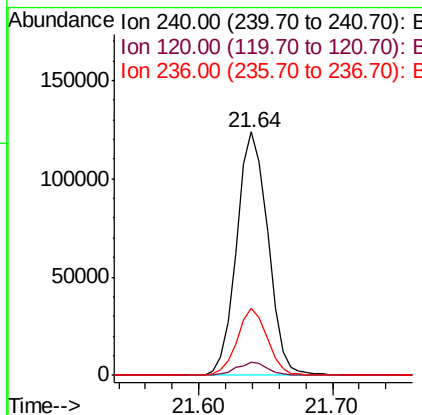
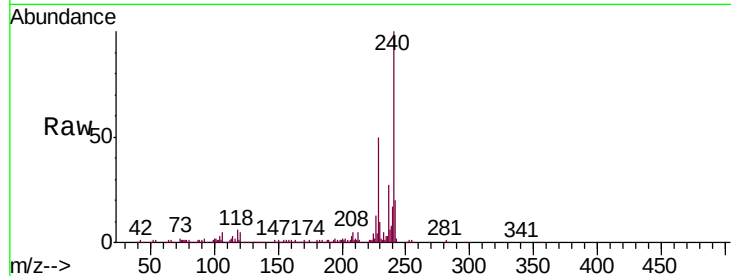
ClientSampleId :

PB111936BSD

Tgt	Ion:240	Resp:	201178
Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	27.3	20.9	31.3

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#76

Benzidine

Concen: 31.656 ng

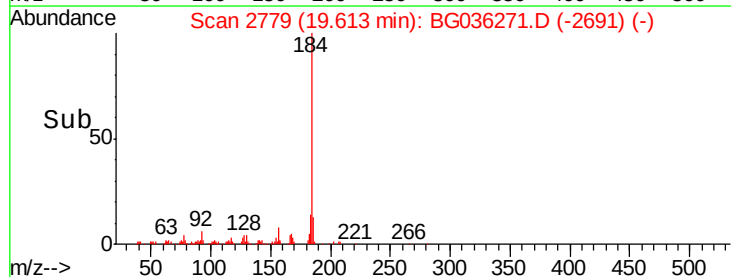
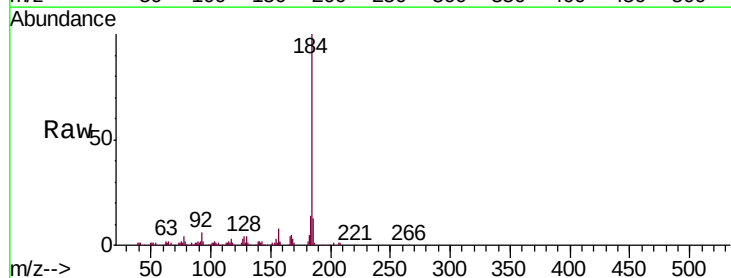
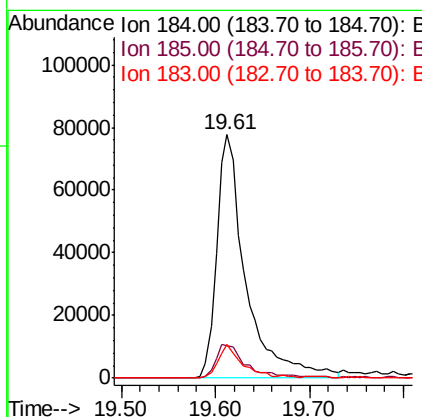
RT: 19.61 min Scan# 2779

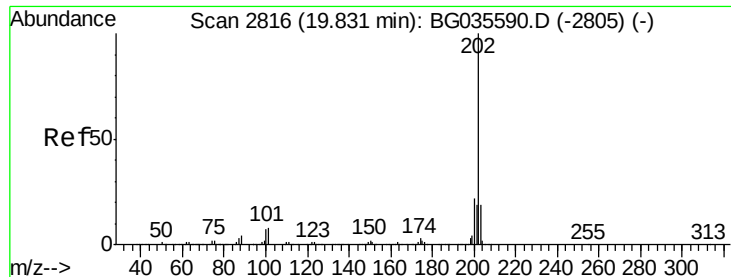
Delta R.T. -0.01 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt	Ion:184	Resp:	167431
Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.1	16.7
183	13.7	10.6	16.0





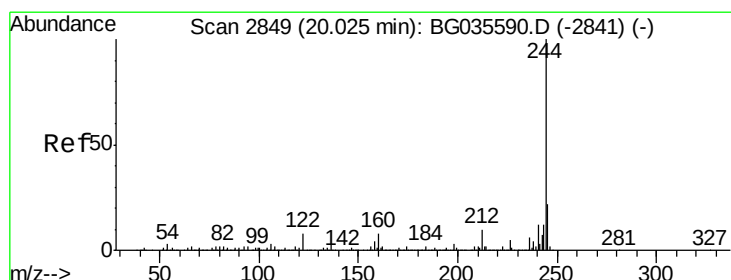
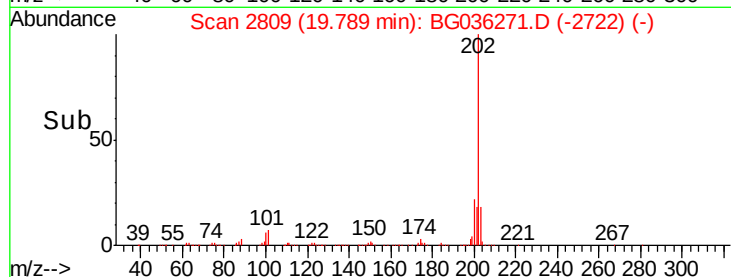
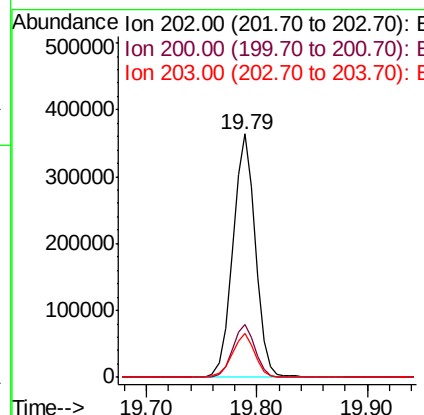
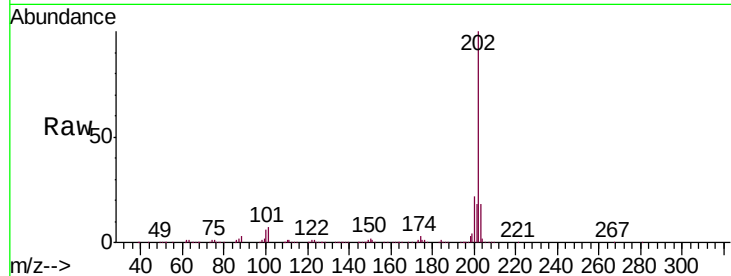
#77
 Pyrene
 Concen: 40.905 ng
 RT: 19.79 min Scan# 2809
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	16.9	25.3
203	18.0	13.9	20.9

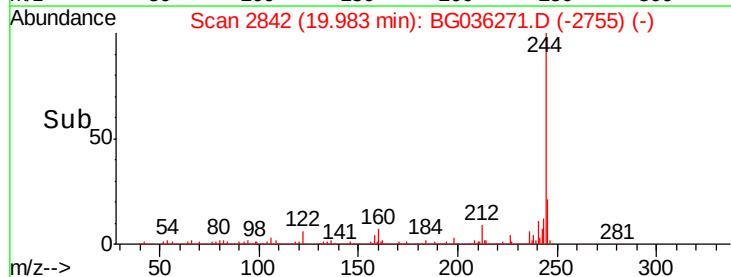
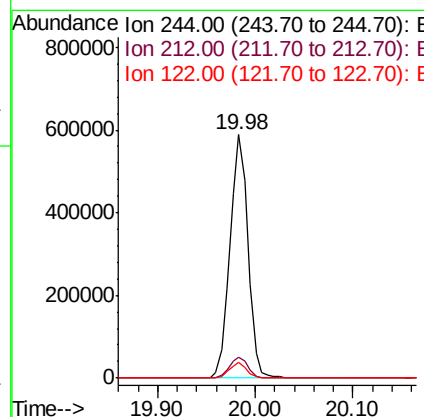
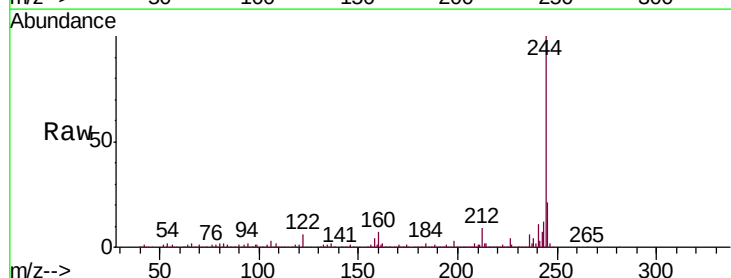
Manual Integrations
 APPROVED

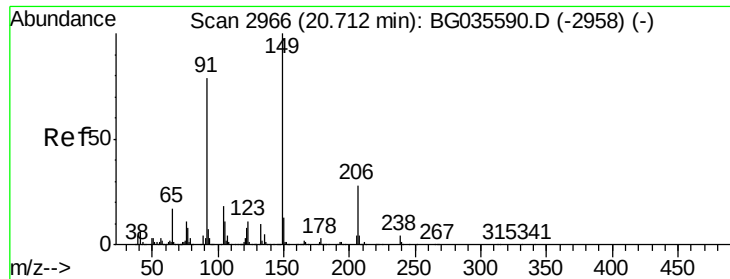
Sohil
 8/13/2018 6:08:35 PM



#78
 Terphenyl-d14
 Concen: 82.696 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.7	5.8	8.8
122	6.3	7.0	10.4





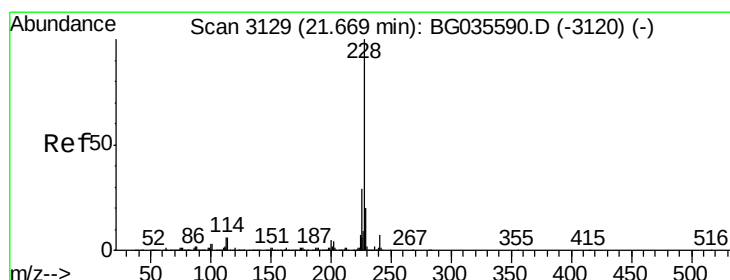
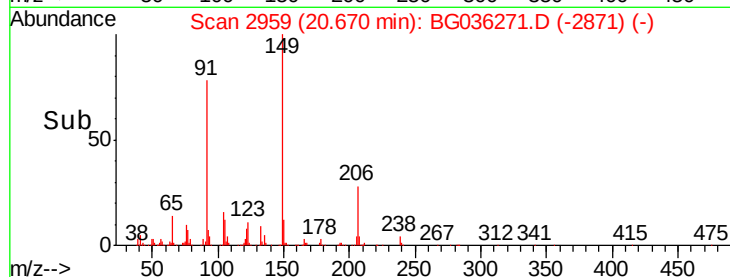
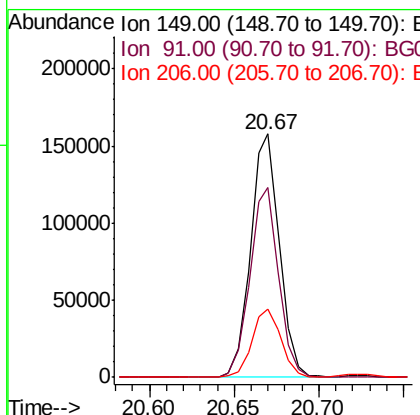
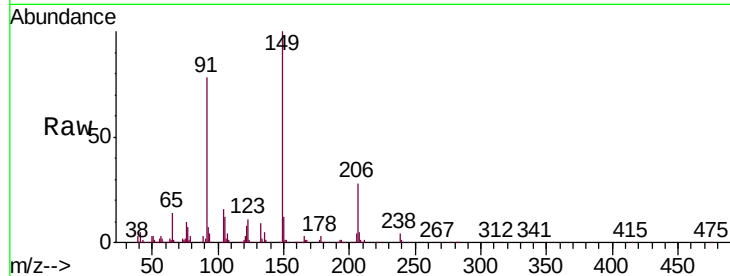
#79
Butylbenzylphthalate
Concen: 41.098 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	77.8	62.2	93.2
206	28.0	18.6	27.8

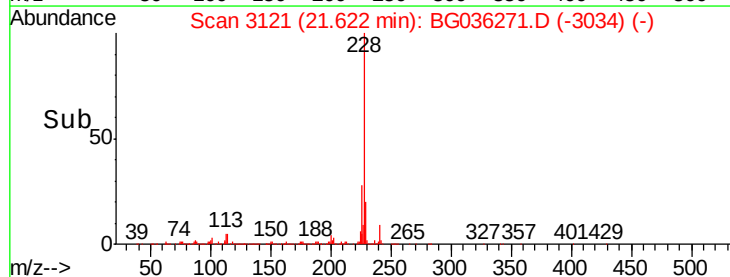
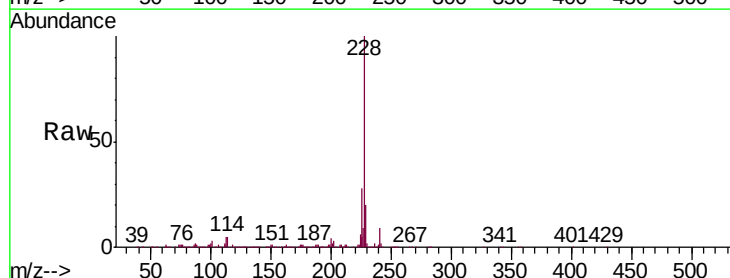
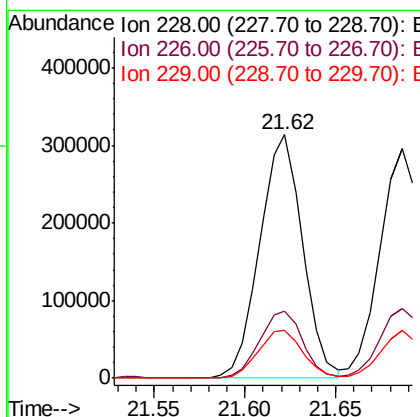
Manual Integrations
APPROVED

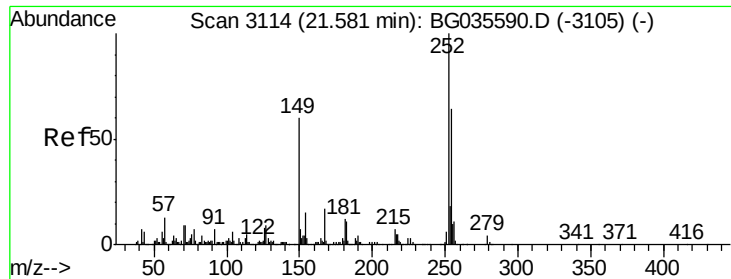
Sohil
8/13/2018 6:08:35 PM



#80
Benzo(a)anthracene
Concen: 41.088 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.7	34.1
229	19.5	16.2	24.2





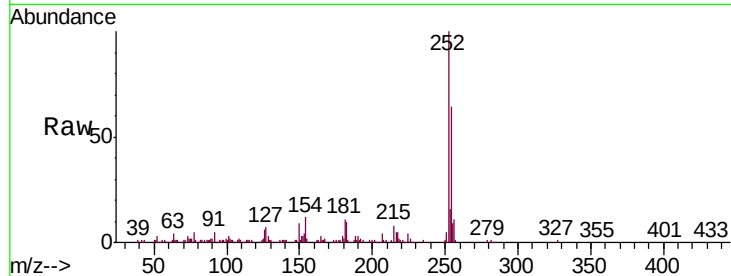
#81
 3,3'-Dichlorobenzidine
 Concen: 31.678 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	138474		
254	64.2	50.8	76.2	
126	6.0	7.4	11.2	

Manual Integrations
 APPROVED

Sohil
 8/13/2018 6:08:35 PM

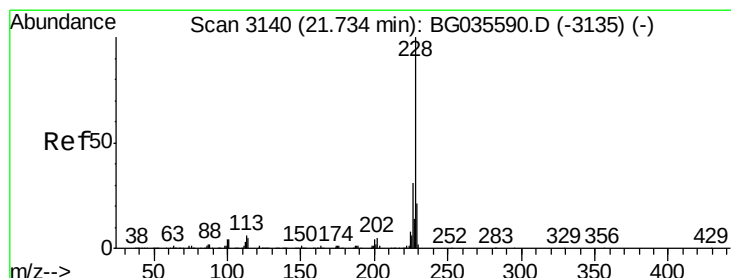
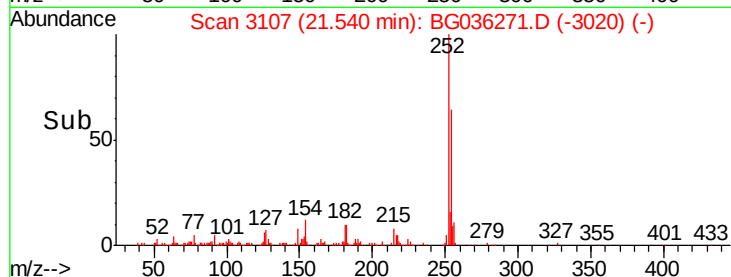
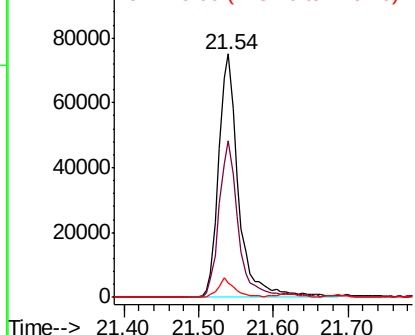


Abundance

Ion 252.00 (251.70 to 252.70): E

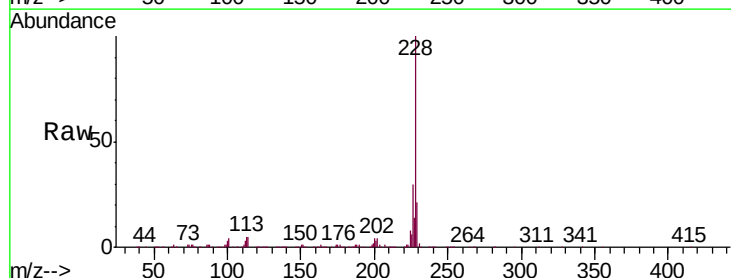
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 42.041 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	488420		
226	30.2	24.9	37.3	
229	20.6	15.0	22.4	

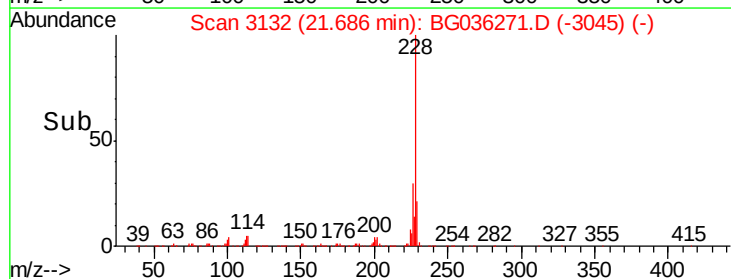
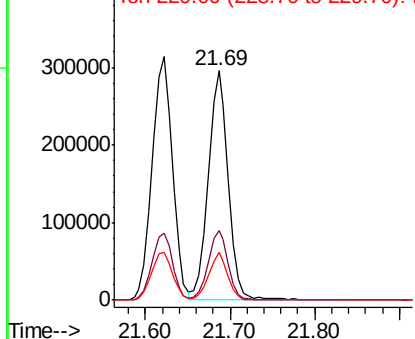


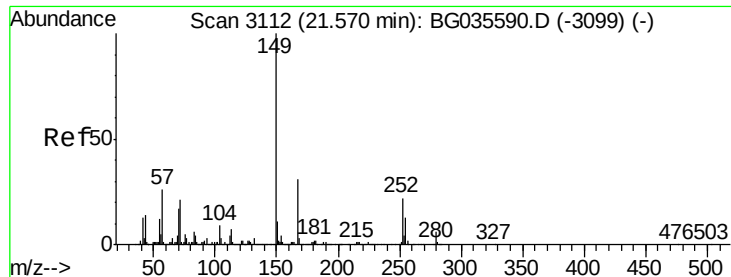
Abundance

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





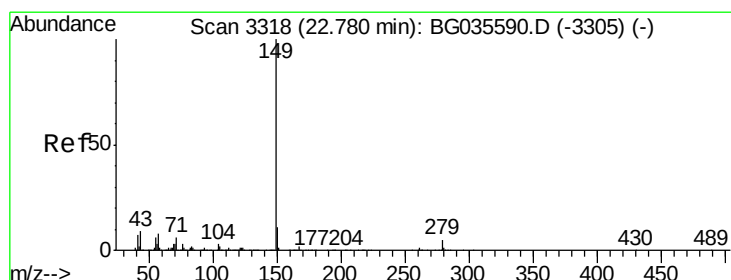
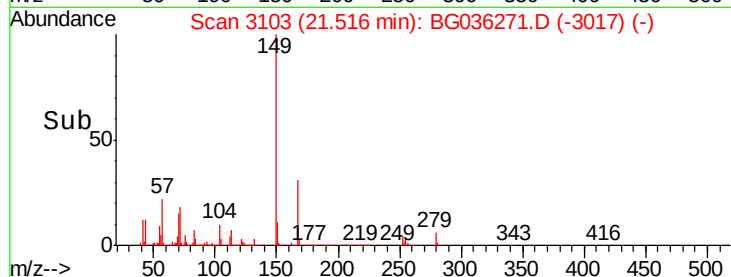
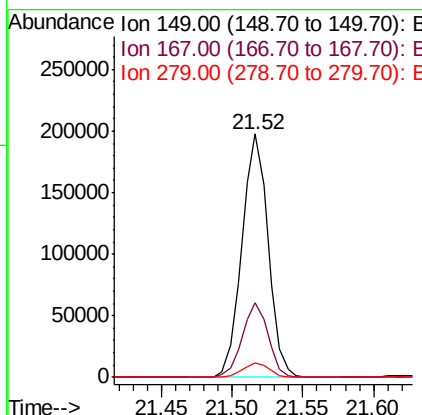
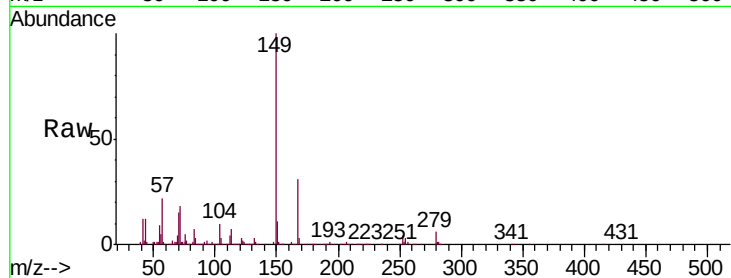
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.559 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.3	36.5
279	6.0	4.0	6.0#

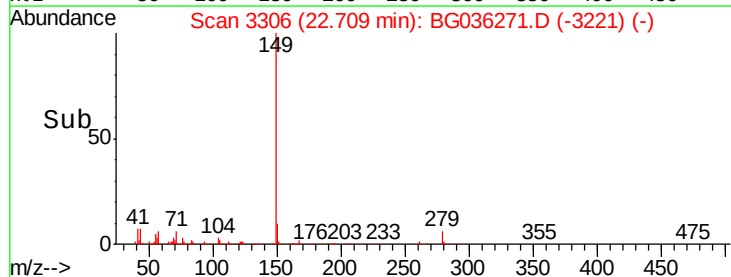
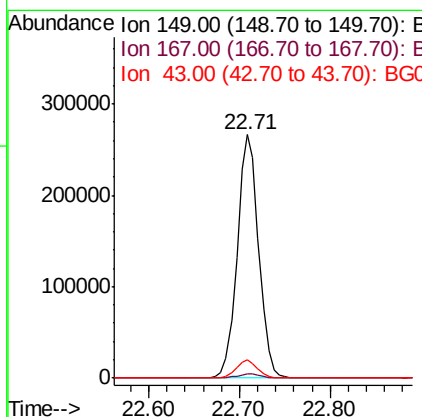
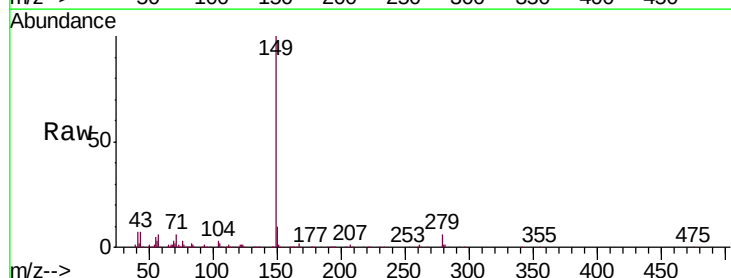
Manual Integrations
 APPROVED

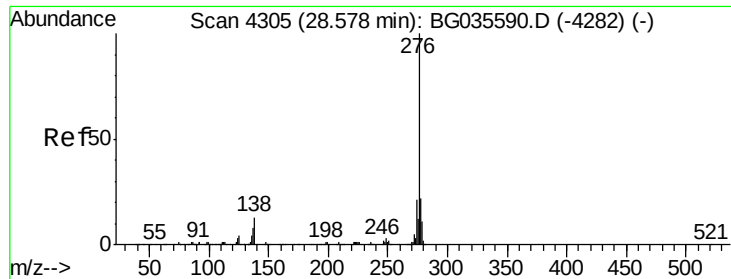
Sohil
 8/13/2018 6:08:35 PM



#84
 Di-n-octyl phthalate
 Concen: 42.152 ng
 RT: 22.71 min Scan# 3306
 Delta R.T. -0.03 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.5	8.9	13.3#





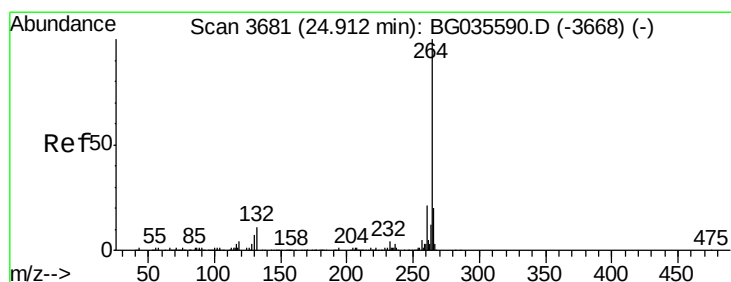
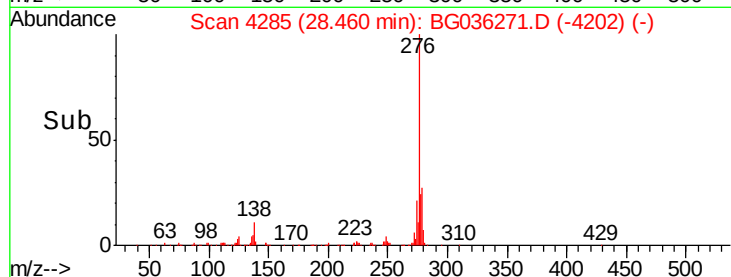
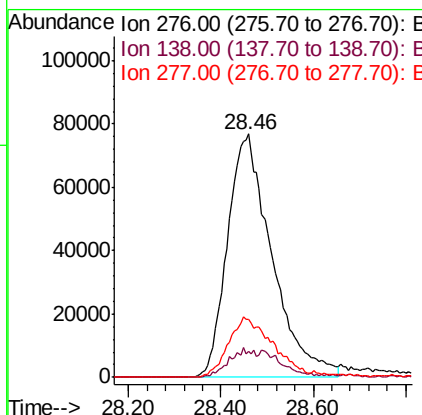
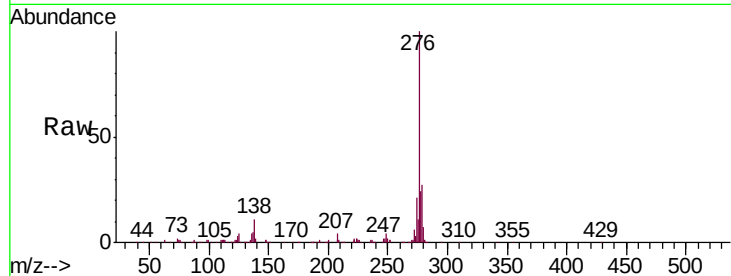
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.975 ng
 RT: 28.46 min Scan# 4285
 Delta R.T. -0.04 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 PB111936BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.6	16.0	24.0#
277	24.6	20.0	30.0

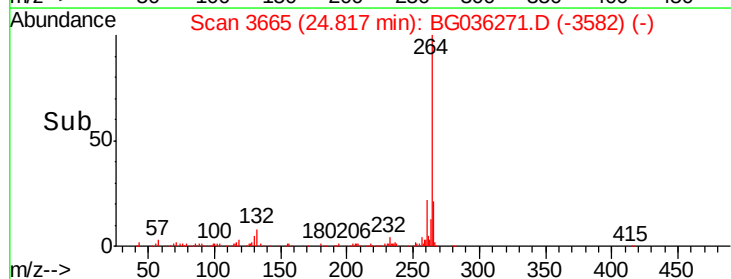
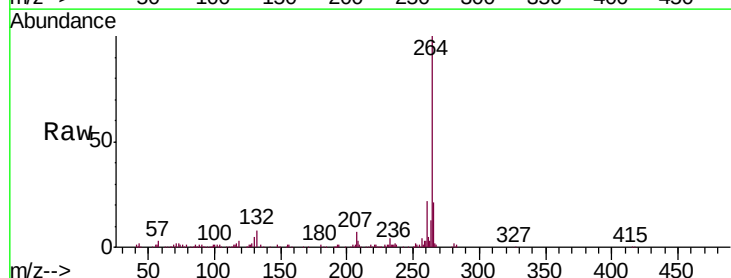
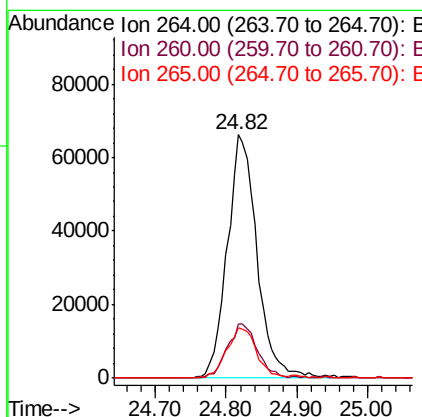
Manual Integrations
 APPROVED

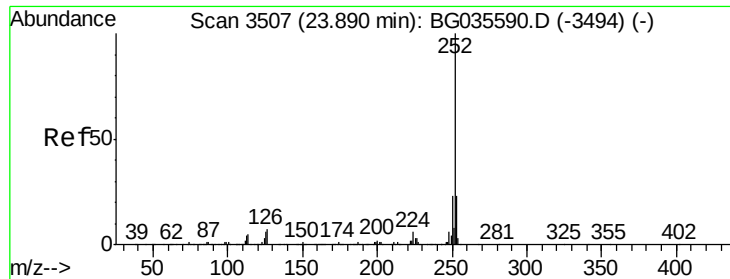
Sohil
 8/13/2018 6:08:35 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3665
 Delta R.T. -0.04 min
 Lab File: BG036271.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.142 ng

RT: 23.81 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG036271.D

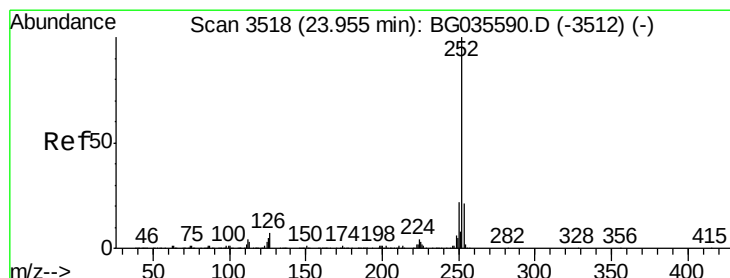
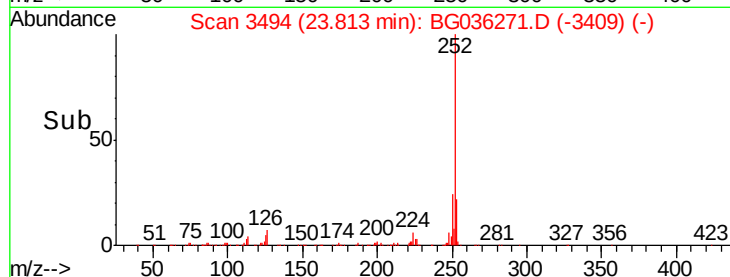
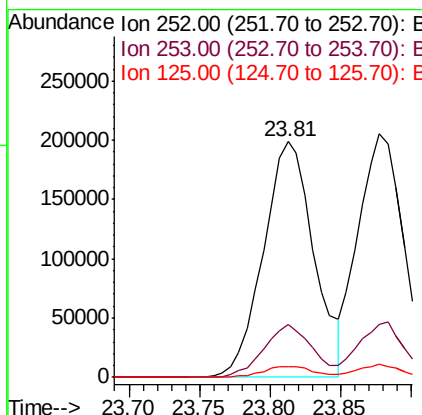
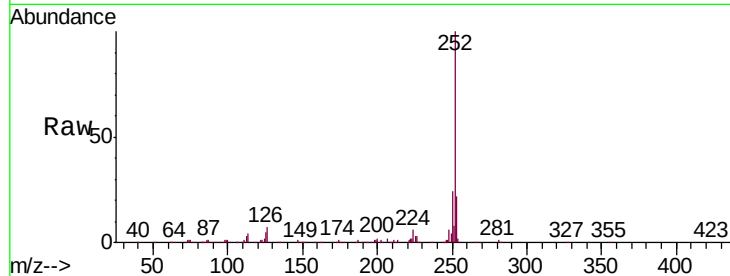
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	4.7	7.2	10.8

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM



#88

Benzo(k)fluoranthene

Concen: 40.919 ng

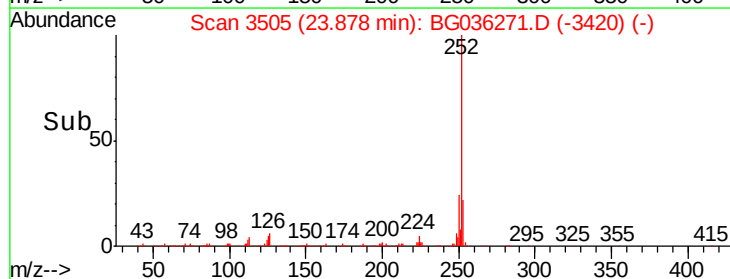
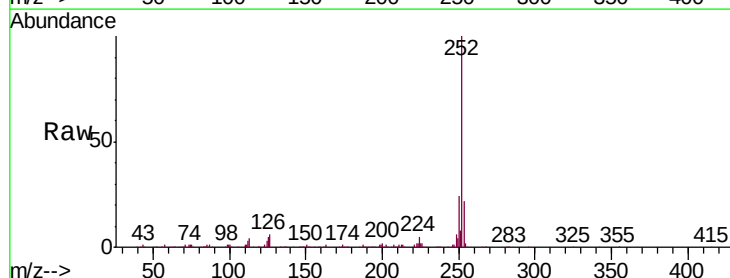
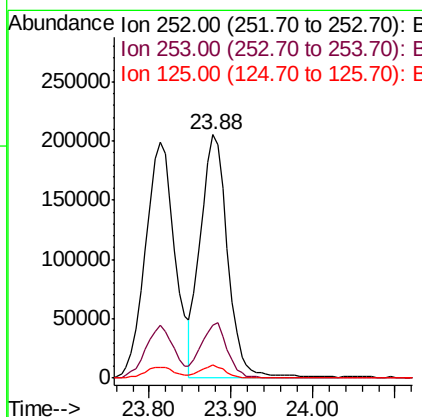
RT: 23.88 min Scan# 3505

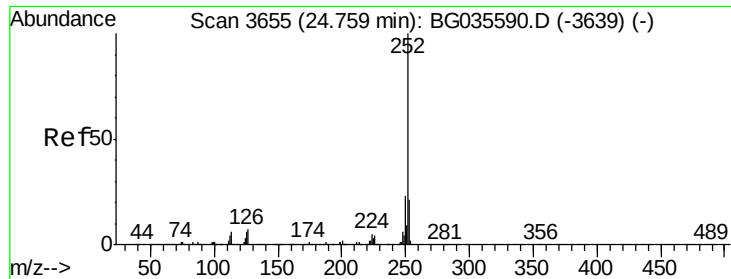
Delta R.T. -0.03 min

Lab File: BG036271.D

Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	5.5	6.6	9.8





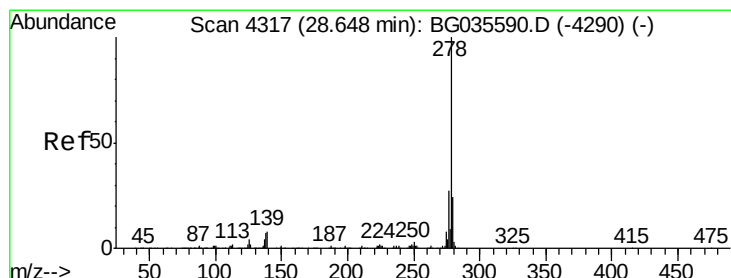
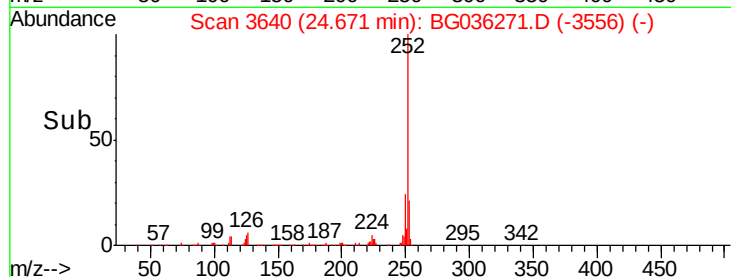
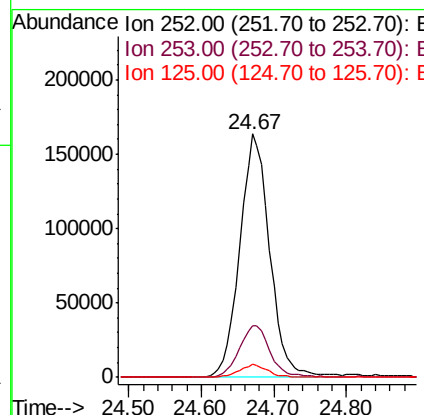
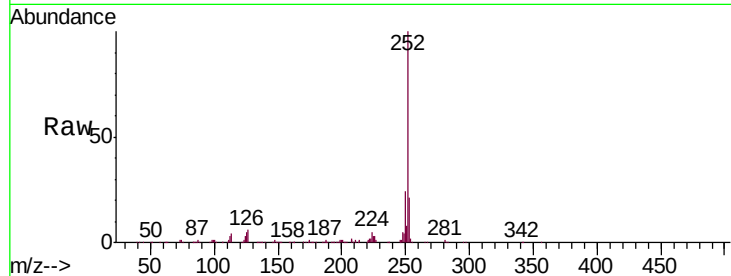
#89
Benzo(a)pyrene
Concen: 42.793 ng
RT: 24.67 min Scan# 3640
Delta R.T. -0.04 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	18.3	27.5
125	5.4	7.3	10.9#

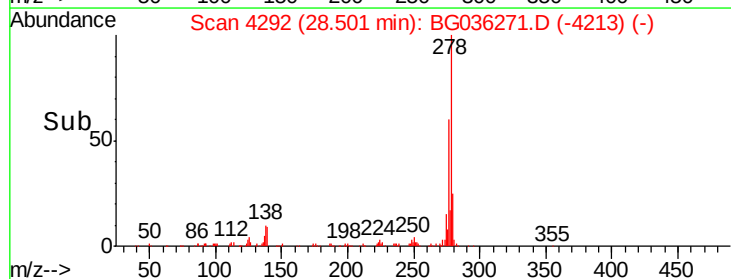
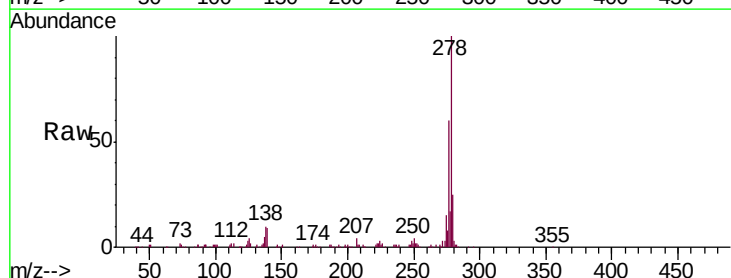
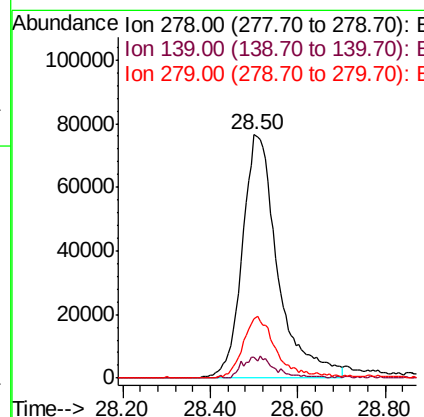
Manual Integrations
APPROVED

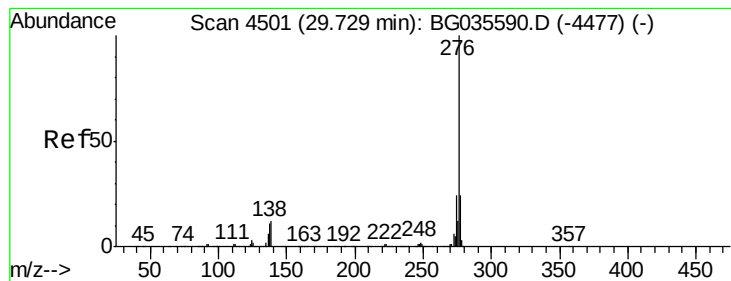
Sohil
8/13/2018 6:08:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.103 ng
RT: 28.50 min Scan# 4292
Delta R.T. -0.07 min
Lab File: BG036271.D
Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	8.7	9.8	14.6#
279	24.5	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 40.808 ng

RT: 29.58 min Scan# 4475

Delta R.T. -0.06 min

Lab File: BG036271.D

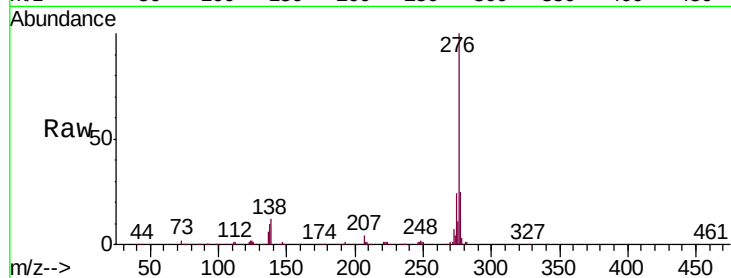
Acq: 10 Aug 2018 17:24

Instrument :

BNA_G

ClientSampleId :

PB111936BSD



Tgt Ion:	276	Resp:	429995
Ion Ratio		Lower	Upper
276	100		
277	25.1	18.3	27.5
138	11.6	13.9	20.9

Manual Integrations
APPROVED

Sohil
8/13/2018 6:08:35 PM

