

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035823.D
 Acq On : 23 Jul 2018 12:05
 Operator : JU/SJ
 Sample : PB111306BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Manual Integrations
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Sohil
 7/24/2018 3:05:45 PM

Quant Time: Jul 23 12:57:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44638	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160028	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	116160	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	331197	20.00	ng	0.00
75) Chrysene-d12	21.66	240	379319	20.00	ng	0.00
86) Perylene-d12	24.86	264	372633	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	349252	129.90	ng	0.00
7) Phenol-d6	7.20	99	511266	127.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	327991	85.62	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	242794	158.58	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	764239	88.14	ng	0.00
78) Terphenyl-d14	20.00	244	1544814	89.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	35400	25.869	ng	# 77
3) Pyridine	3.91	79	107823	30.182	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	46218	30.131	ng	# 74
6) Aniline	7.36	93	93988	18.077	ng	98
8) 2-Chlorophenol	7.60	128	115109	42.095	ng	92
9) Benzaldehyde	7.17	77	56360	22.898	ng	98
10) Phenol	7.23	94	168403	41.553	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	112696	35.507	ng	89
12) 1,3-Dichlorobenzene	7.91	146	124576	37.725	ng	96
13) 1,4-Dichlorobenzene	8.06	146	126497	37.702	ng	93
14) 1,2-Dichlorobenzene	8.38	146	124185	38.529	ng	95
15) Benzyl Alcohol	8.27	79	129624	35.584	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	128118	48.148	ng	76
17) 2-Methylphenol	8.47	107	111964	40.633	ng	# 89
18) Hexachloroethane	9.11	117	47004	36.640	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	107154	31.721	ng	# 84
20) 3+4-Methylphenols	8.80	107	153343	40.115	ng	92
22) Acetophenone	8.85	105	195978	39.381	ng	# 93
24) Nitrobenzene	9.23	77	155761	40.431	ng	97
25) Isophorone	9.75	82	297831	41.882	ng	98
26) 2-Nitrophenol	9.94	139	68081	49.758	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	120202	51.900	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	159747	40.768	ng	96
29) 2,4-Dichlorophenol	10.48	162	132708	50.196	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	144690	44.631	ng	99
31) Naphthalene	10.88	128	353642	42.423	ng	99
32) Benzoic acid	10.16	122	60200	38.611	ng	87
33) 4-Chloroaniline	11.00	127	33376	9.186	ng	96
34) Hexachlorobutadiene	11.16	225	107499	42.524	ng	96
35) Caprolactam	11.77	113	48708m	42.932	ng	
36) 4-Chloro-3-methylphenol	12.11	107	165755	46.774	ng	91
37) 2-Methylnaphthalene	12.48	142	272643	43.901	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190014	43.340	ng	99
40) Hexachlorocyclopentadiene	12.82	237	248906	108.253	ng	91

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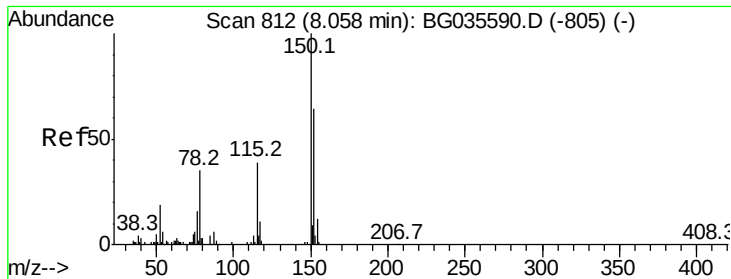
Manual Integrations
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Quant Time: Jul 23 12:57:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	123074	48.002	nq	95
43) 2,4,5-Trichlorophenol	13.17	196	140177	48.872	nq	97
45) 1,1'-Biphenyl	13.49	154	383065	42.535	nq	99
46) 2-Chloronaphthalene	13.53	162	307470	43.892	nq	97
47) 2-Nitroaniline	13.73	65	109961	44.401	nq	99
48) Acenaphthylene	14.37	152	507967	43.289	nq	97
49) Dimethylphthalate	14.10	163	434281	42.671	nq	99
50) 2,6-Dinitrotoluene	14.23	165	102522	49.468	nq	92
51) Acenaphthene	14.72	154	303626	41.537	nq	97
52) 3-Nitroaniline	14.56	138	36558	17.259	nq	# 94
53) 2,4-Dinitrophenol	14.77	184	92536	86.265	nq	# 65
54) Dibenzofuran	15.05	168	505519	43.484	nq	95
55) 4-Nitrophenol	14.88	139	141485	93.791	nq	# 89
56) 2,4-Dinitrotoluene	15.02	165	149489	50.278	nq	# 87
57) Fluorene	15.70	166	424953	43.613	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	140881	51.228	nq	92
59) Diethylphthalate	15.47	149	439633	42.010	nq	97
60) 4-Chlorophenyl-phenylether	15.69	204	245755	42.913	nq	95
61) 4-Nitroaniline	15.73	138	100692	45.444	nq	# 84
62) Azobenzene	15.98	77	437241	42.358	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	77073	41.804	nq	86
65) n-Nitrosodiphenylamine	15.90	169	385949	40.940	nq	100
66) 4-Bromophenyl-phenylether	16.58	248	170483	44.368	nq	97
67) Hexachlorobenzene	16.70	284	172949	43.707	nq	97
68) Atrazine	16.85	200	187679	48.353	nq	93
69) Pentachlorophenol	17.05	266	168002	69.705	nq	97
70) Phenanthrene	17.44	178	720435	43.594	nq	99
71) Anthracene	17.53	178	734724	44.649	nq	98
72) Carbazole	17.80	167	697323	44.621	nq	98
73) Di-n-butylphthalate	18.35	149	801196	43.384	nq	# 98
74) Fluoranthene	19.44	202	990958	44.516	nq	97
76) Benzidine	19.63	184	265267	26.600	nq	96
77) Pyrene	19.80	202	997518	41.590	nq	98
79) Butylbenzylphthalate	20.68	149	381618	44.493	nq	99
80) Benzo(a)anthracene	21.64	228	1011798	42.804	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	199161	24.164	nq	# 95
82) Chrysene	21.71	228	959186	43.789	nq	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	522425	44.803	nq	# 97
84) Di-n-octyl phthalate	22.74	149	899474	46.070	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1085110	44.744	nq	# 87
87) Benzo(b)fluoranthene	23.84	252	1005367	44.390	nq	# 97
88) Benzo(k)fluoranthene	23.91	252	945054	42.681	nq	# 97
89) Benzo(a)pyrene	24.71	252	956808	45.410	nq	# 96
90) Dibenzo(a,h)anthracene	28.57	278	911708	44.074	nq	# 96
91) Benzo(g,h,i)perylene	29.64	276	906924	44.804	nq	# 94

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



#1

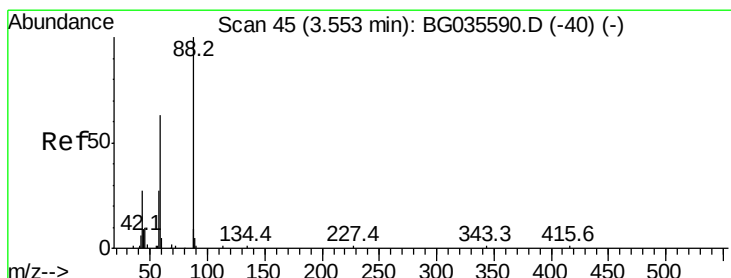
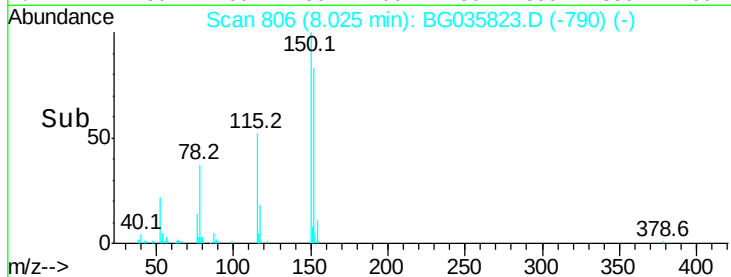
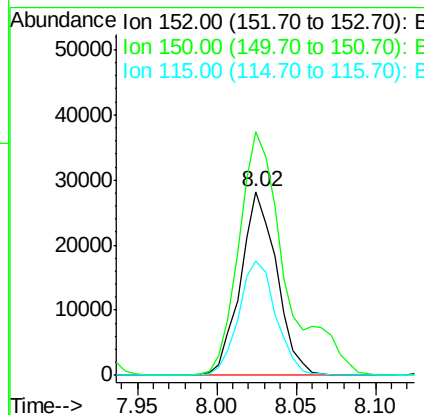
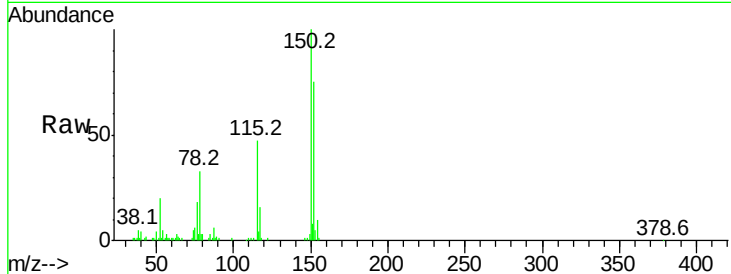
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.7	126.6	189.8
115	62.4	53.0	79.4

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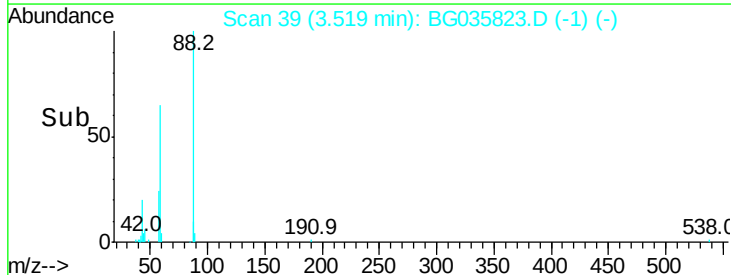
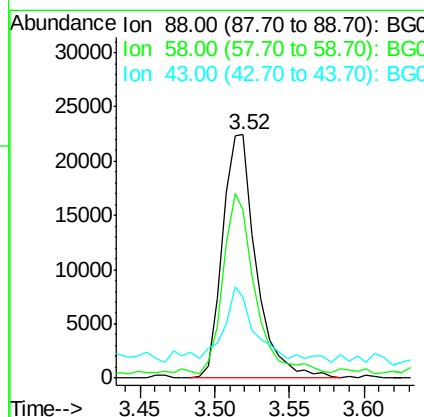
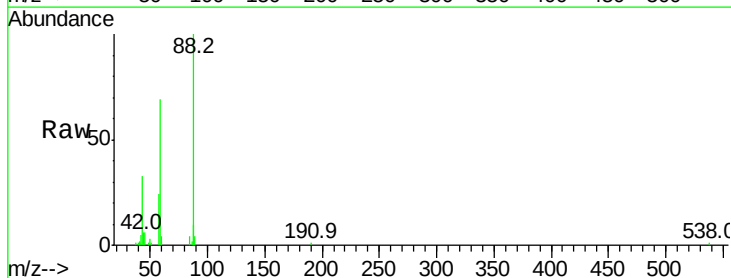
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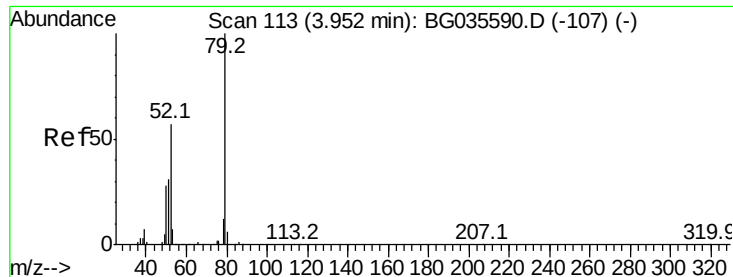


#2

1,4-Dioxane
Concen: 25.869 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	79.6	119.4#
43	33.3	27.4	41.0





#3

Pvridine

Concen: 30.182 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

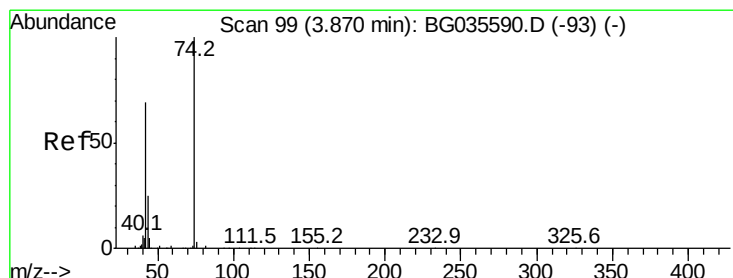
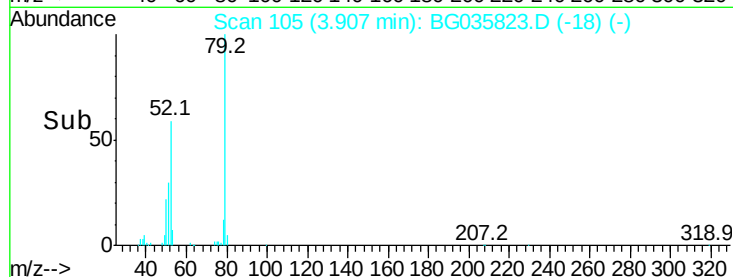
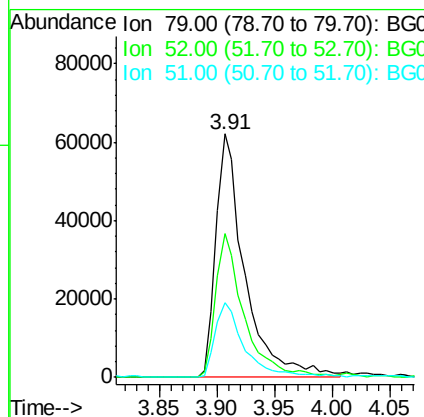
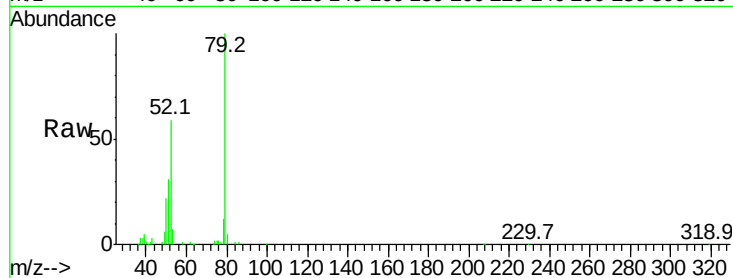
ClientSampleId :

PB111306BSD

Tot Ion	79	Resp	107823
Ion Ratio	Lower	Upper	
79	100		
52	58.9	69.9	104.9#
51	30.6	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 30.131 ng

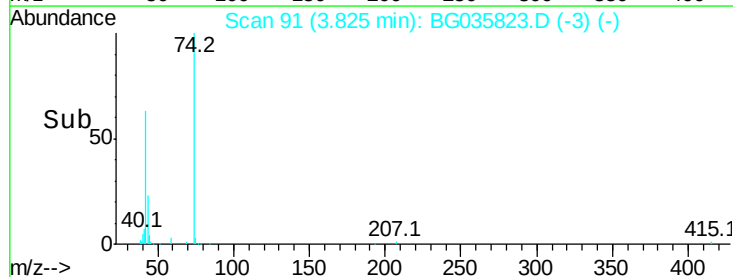
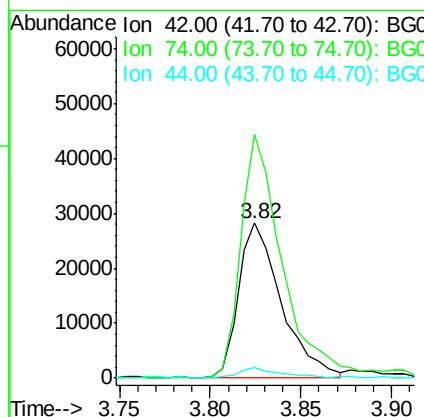
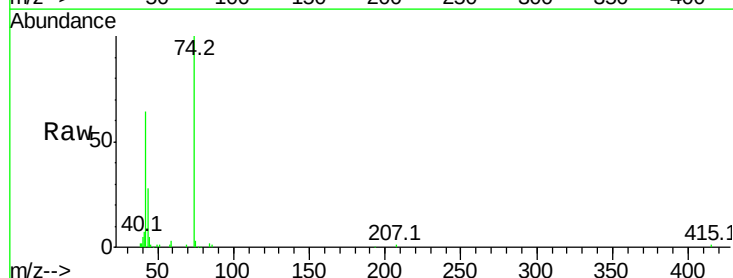
RT: 3.82 min Scan# 91

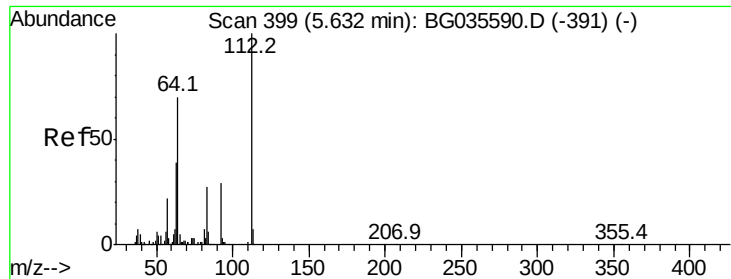
Delta R.T. -0.01 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	42	Resp	46218
Ion Ratio	Lower	Upper	
42	100		
74	157.1	102.5	153.7#
44	7.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 129.898 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

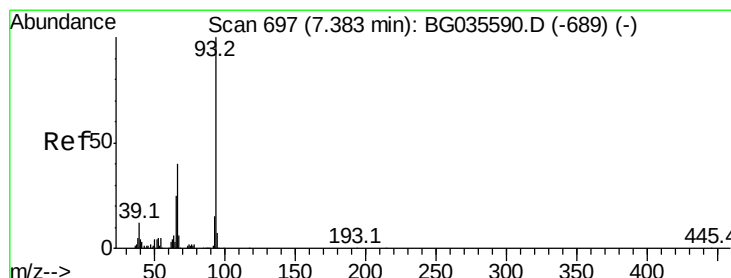
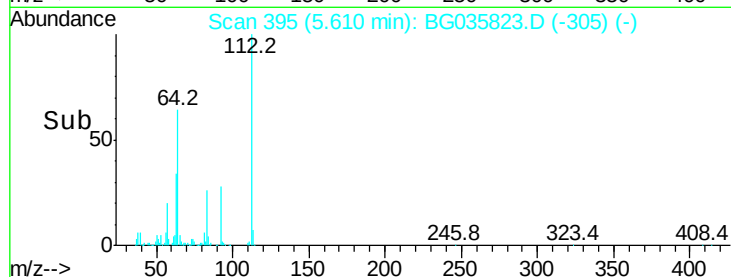
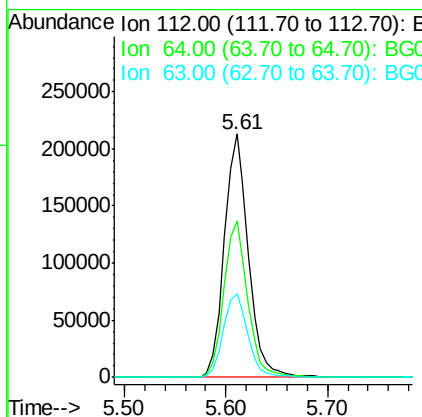
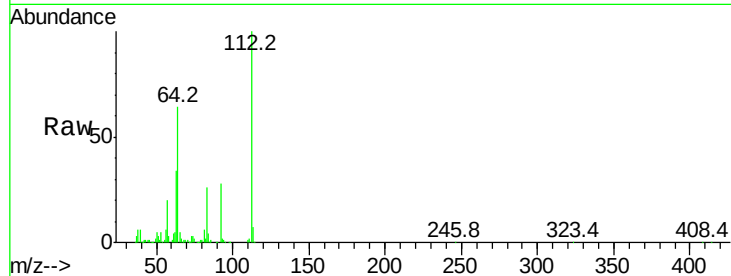
ClientSampleId :

PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	349252		
64	64.2	56.3	84.5	
63	34.2	30.1	45.1	

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#6

Aniline

Concen: 18.077 ng

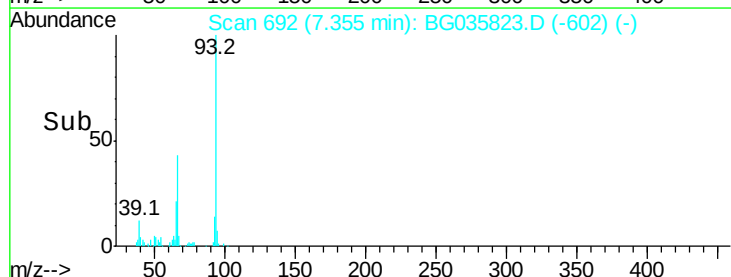
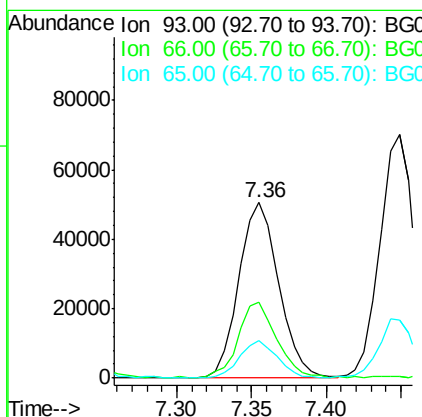
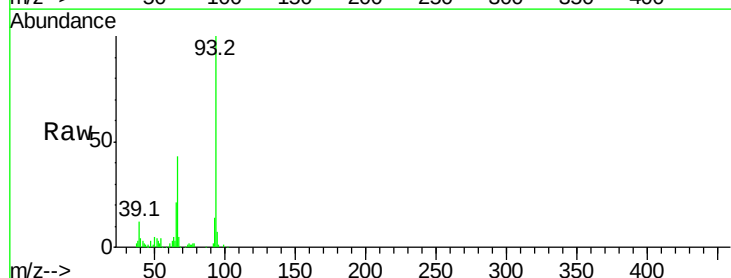
RT: 7.36 min Scan# 692

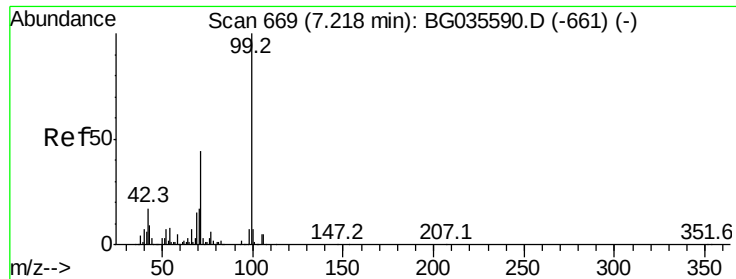
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93988		
66	43.4	33.7	50.5	
65	21.3	16.1	24.1	





#7

Phenol-d6

Concen: 127.452 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

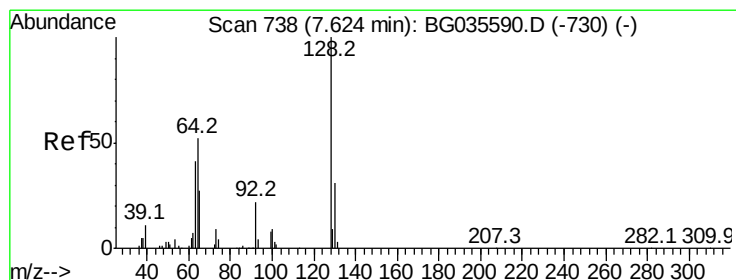
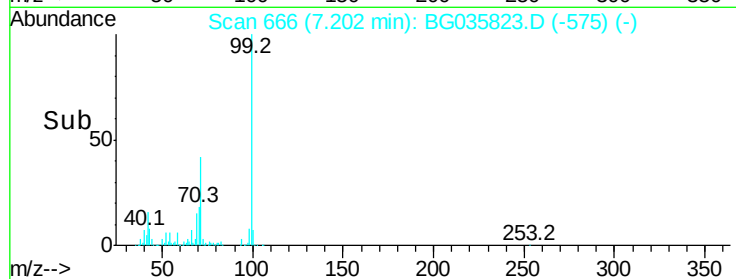
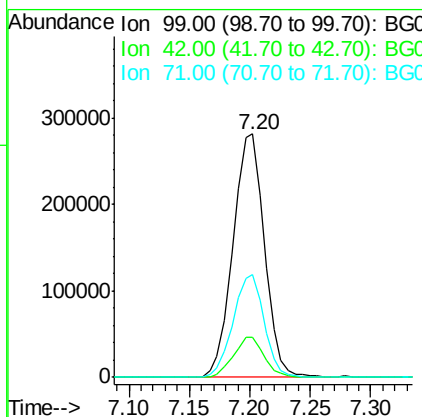
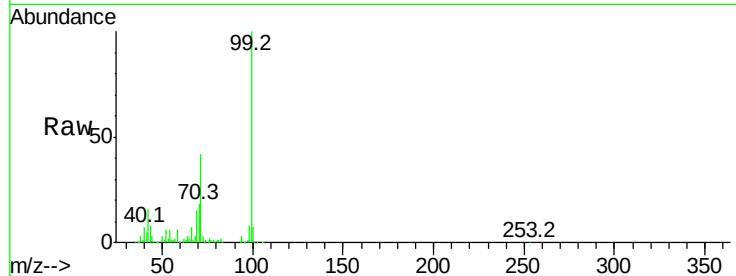
PB111306BSD

Tot Ion	99	Resp	511266
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.1	21.1
71	42.5	26.1	39.1#

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#8

2-Chlorophenol

Concen: 42.095 ng

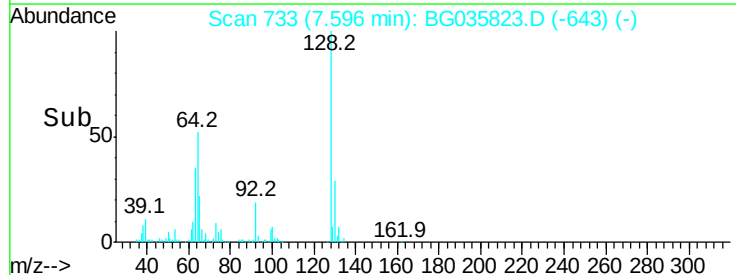
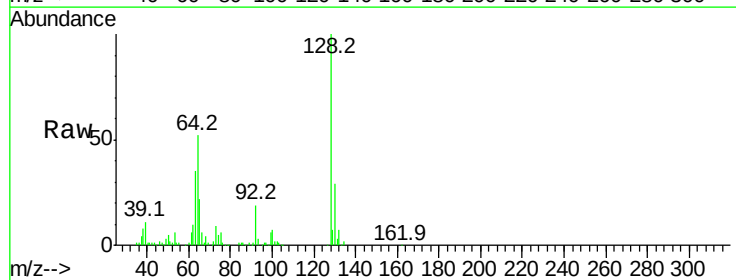
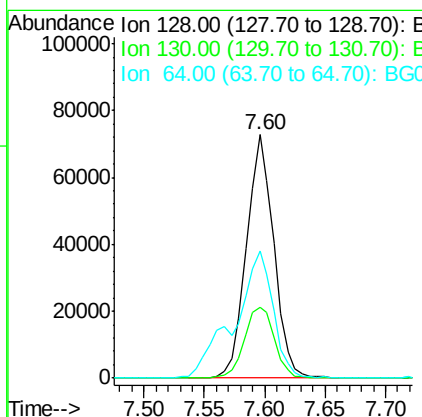
RT: 7.60 min Scan# 733

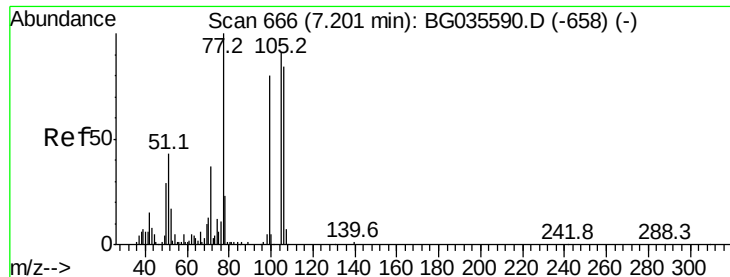
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	128	Resp	115109
Ion Ratio	Lower	Upper	
128	100		
130	29.3	14.0	54.0
64	52.1	37.7	77.7





#9

Benzaldehyde

Concen: 22.898 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

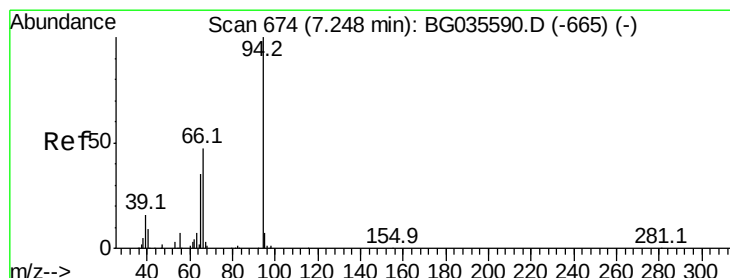
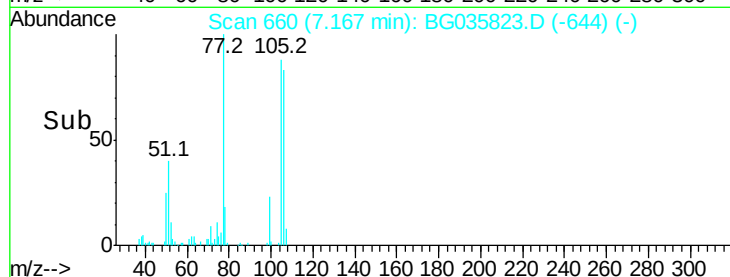
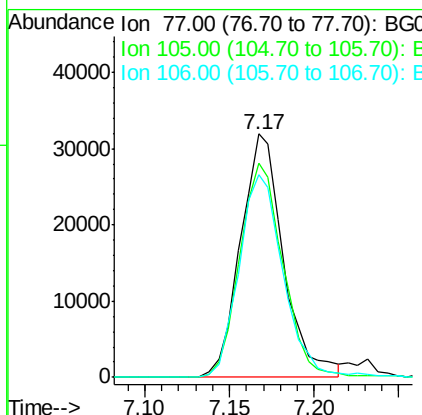
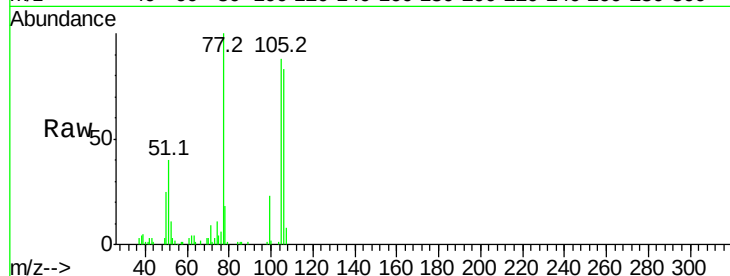
ClientSampleId :

PB111306BSD

Tot Ion:	77	Resp:	56360
Ion	Ratio	Lower	Upper
77	100		
105	87.8	71.3	111.3
106	83.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.553 ng

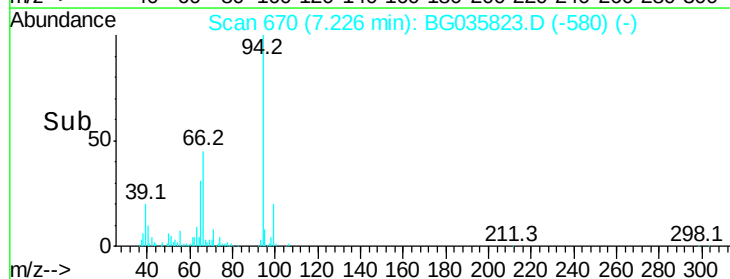
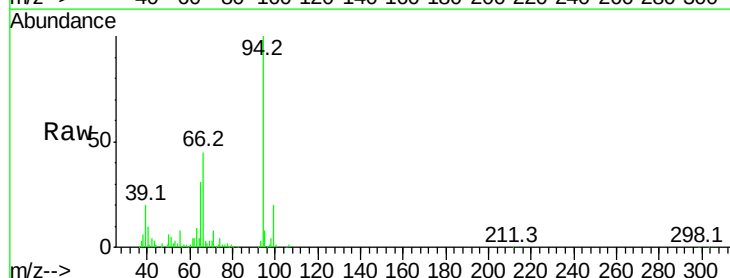
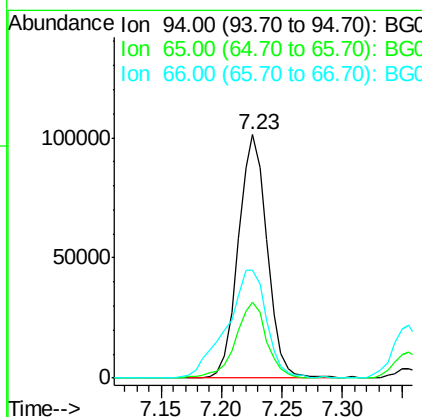
RT: 7.23 min Scan# 670

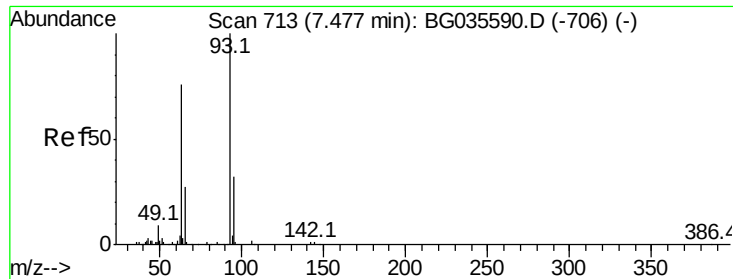
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	94	Resp:	168403
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.9	51.9
66	44.5	22.2	62.2





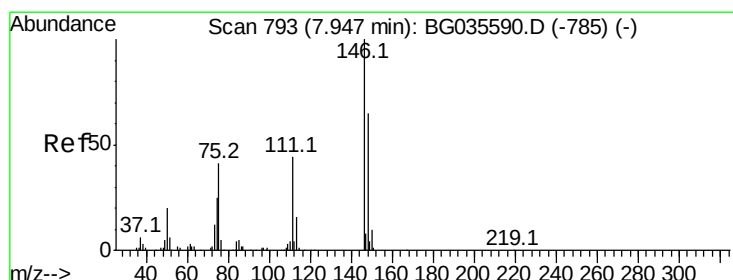
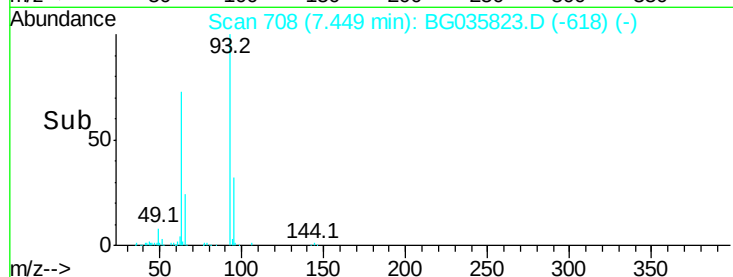
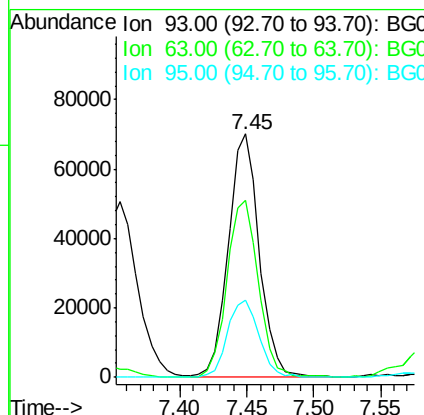
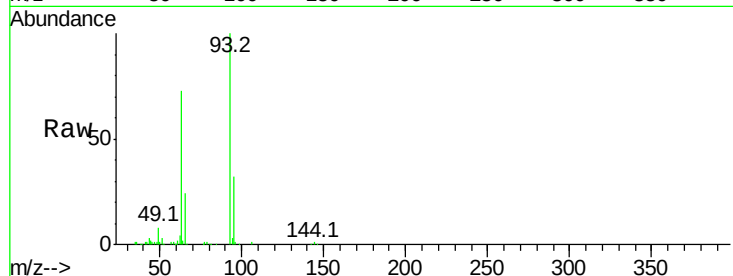
#11
bis(2-Chloroethyl)ether
Concen: 35.507 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.7	67.1	107.1	
95	31.6	11.5	51.5	

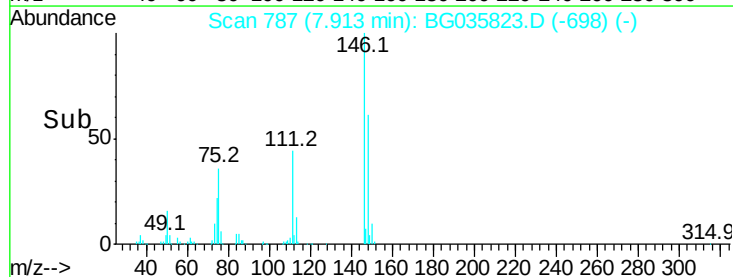
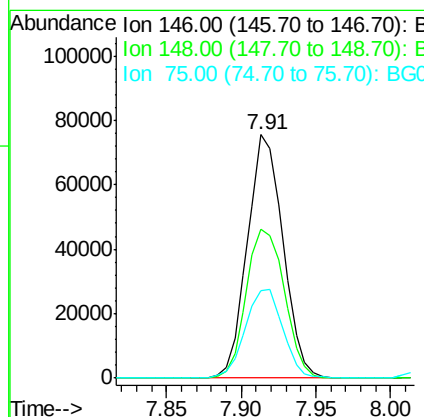
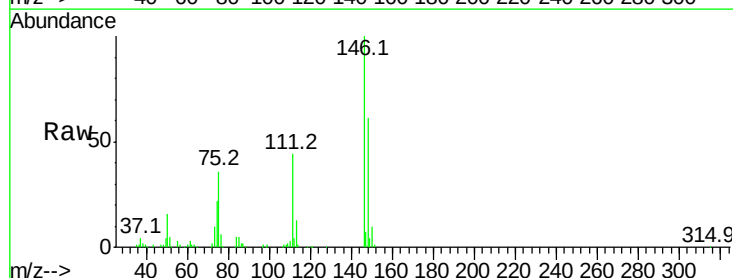
Manual Integrations
APPROVED

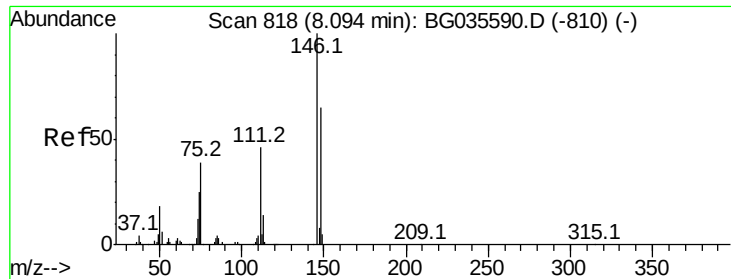
Sohil
7/24/2018 3:05:45 PM



#12
1,3-Dichlorobenzene
Concen: 37.725 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	61.4	51.4	77.2	
75	36.1	26.6	39.8	





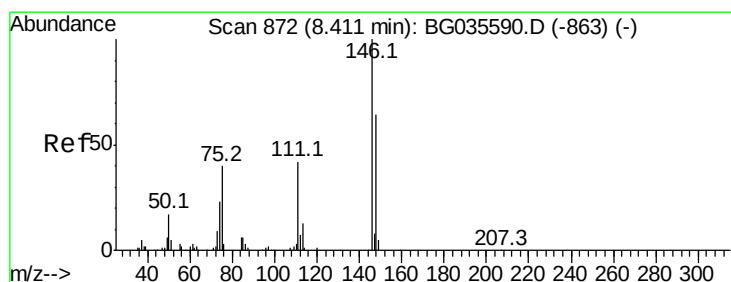
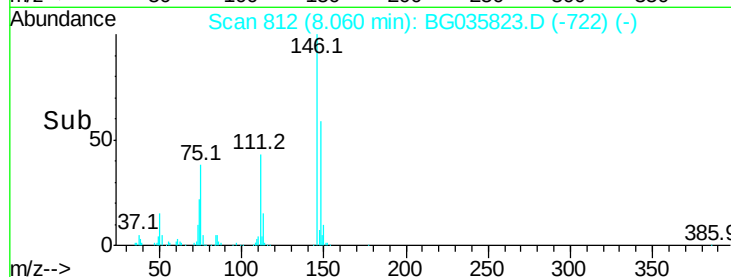
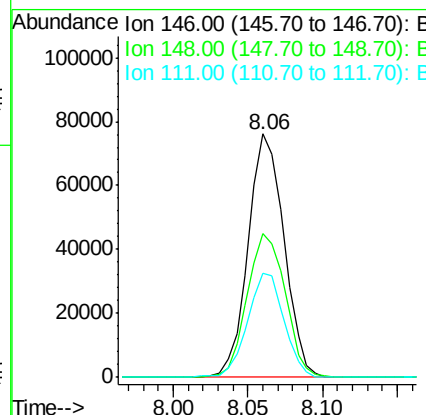
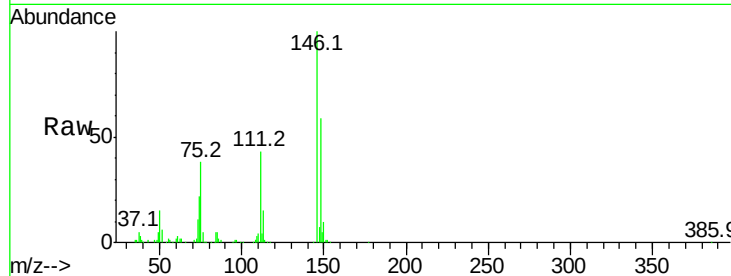
#13
 1,4-Dichlorobenzene
 Concen: 37.702 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleID :
 PB111306BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.9	53.7	80.5
111	43.0	35.2	52.8

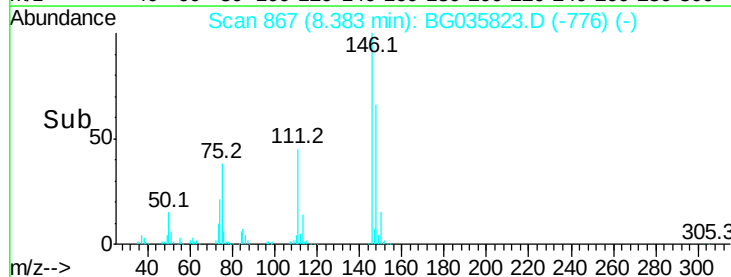
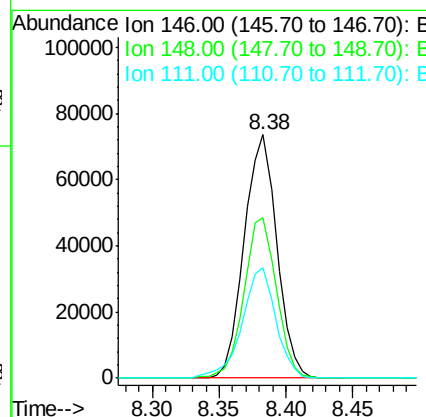
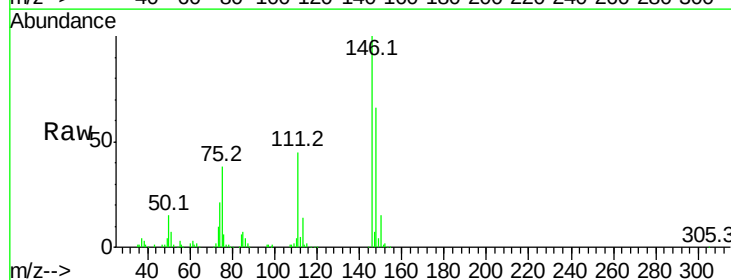
Manual Integrations
 APPROVED

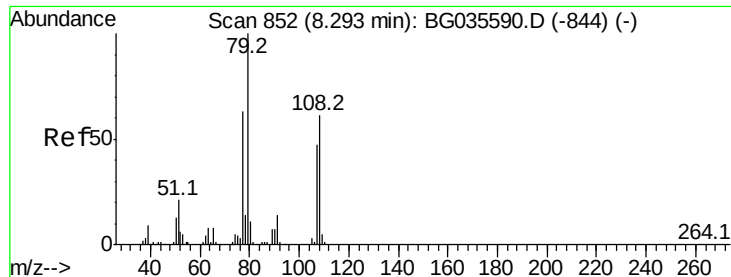
Sohil
 7/24/2018 3:05:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.529 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.3	73.9
111	45.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 35.584 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

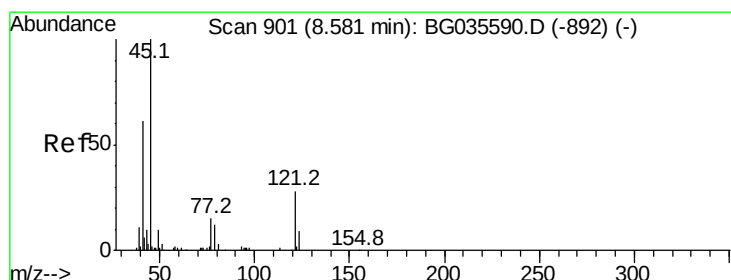
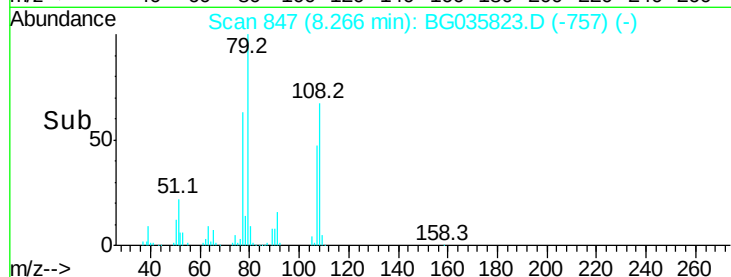
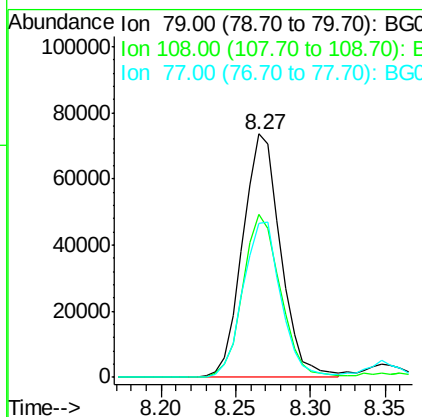
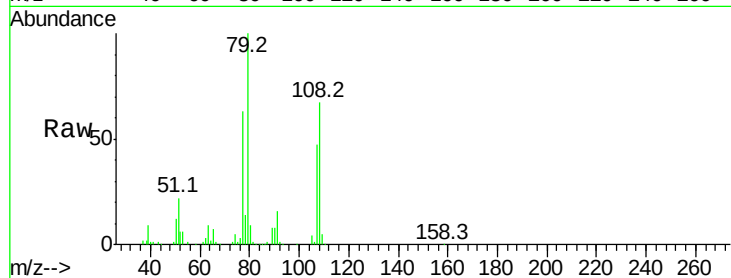
ClientSampled :

PB111306BSD

Tot Ion:	79	Resp:	129624
Ion Ratio	Lower	Upper	
79	100		
108	67.2	57.2	85.8
77	63.0	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.148 ng

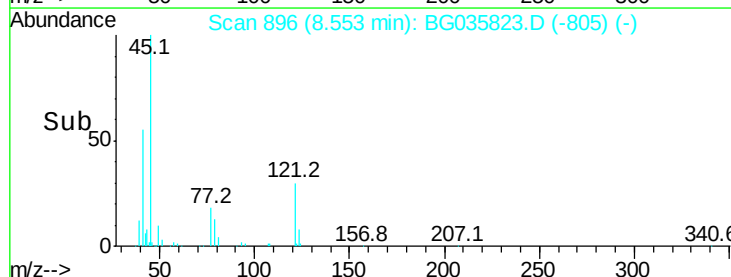
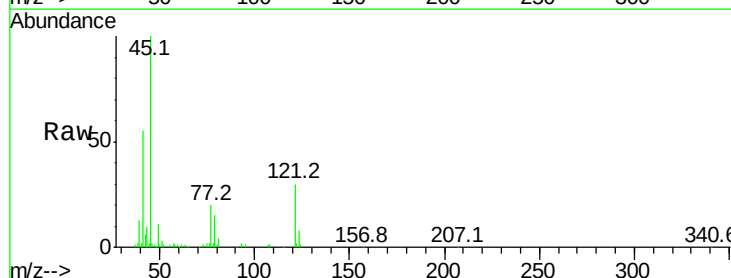
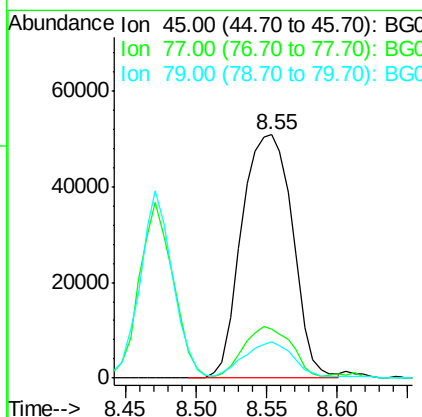
RT: 8.55 min Scan# 896

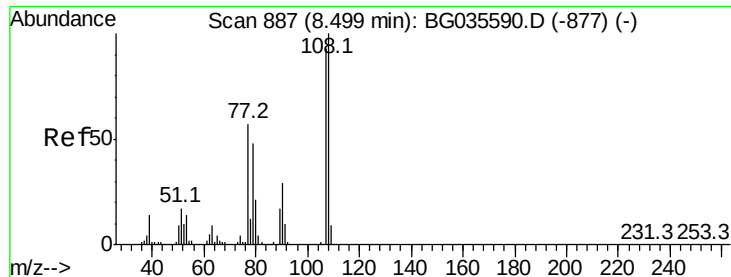
Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	45	Resp:	128118
Ion Ratio	Lower	Upper	
45	100		
77	20.3	0.0	30.2
79	14.6	0.0	27.9





#17

2-Methylphenol

Concen: 40.633 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

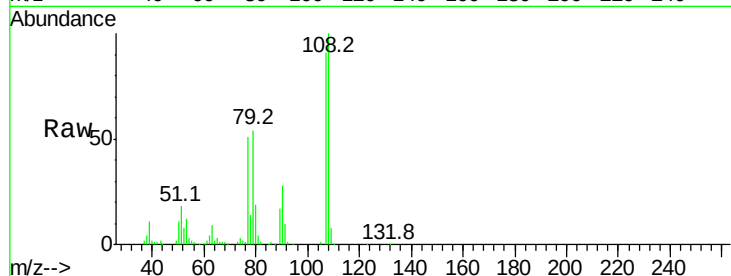
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	83.9	125.9	
77	56.1	37.2	55.8	
79	59.6	36.2	54.2	

Manual Integrations
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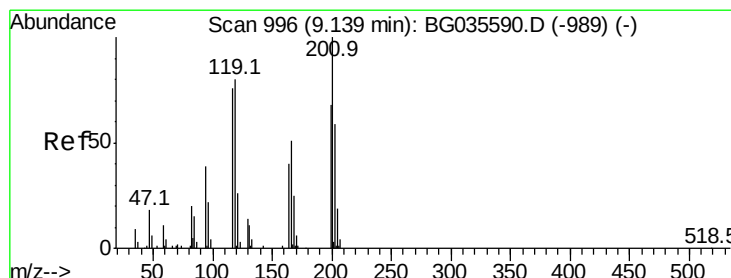
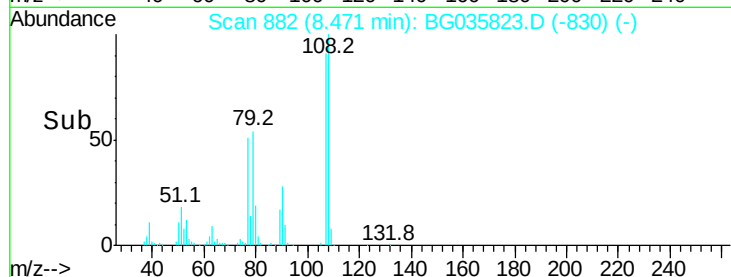
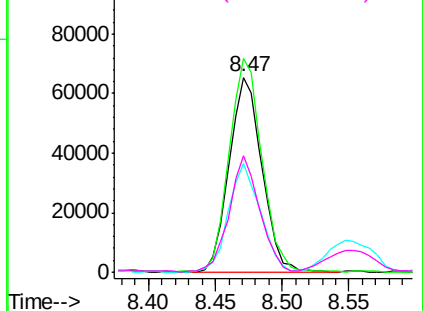


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.640 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035823.D

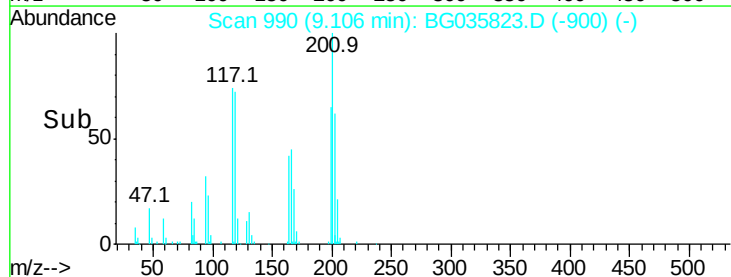
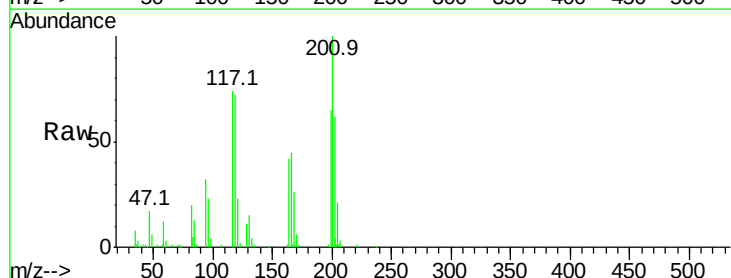
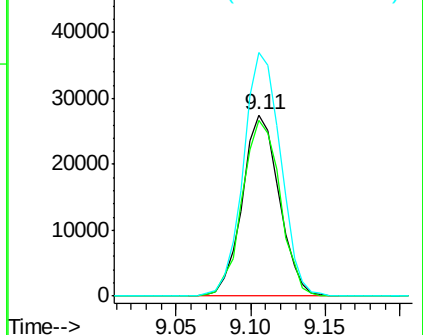
Acq: 23 Jul 2018 12:05

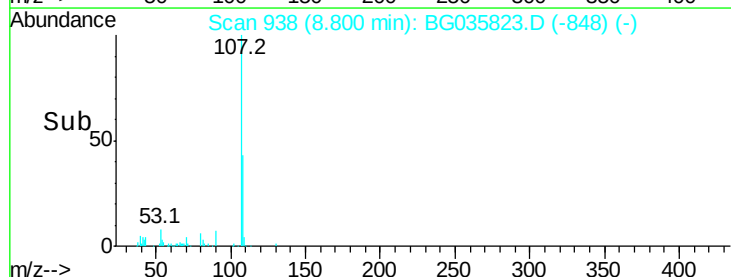
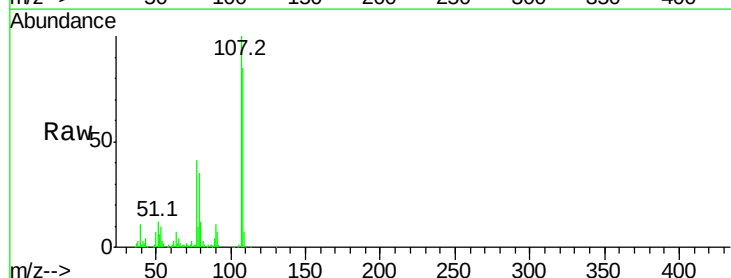
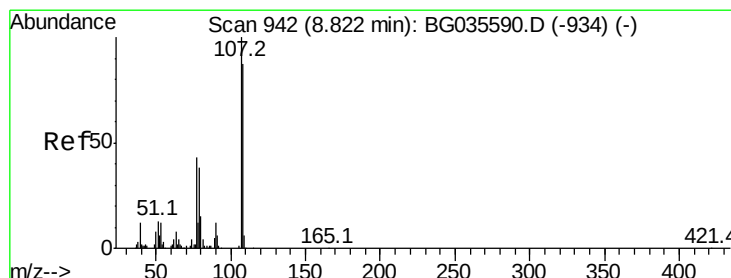
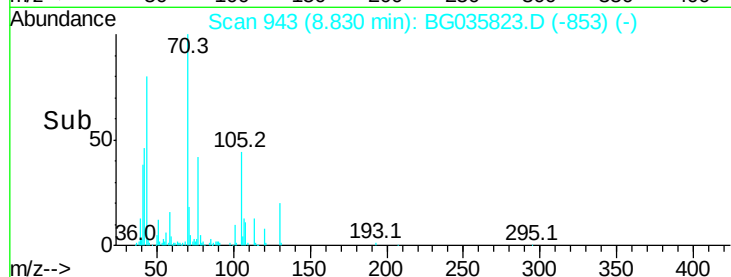
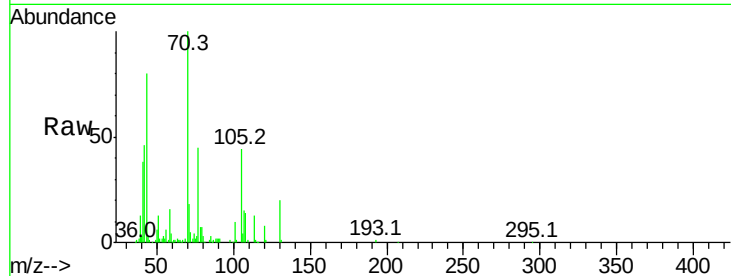
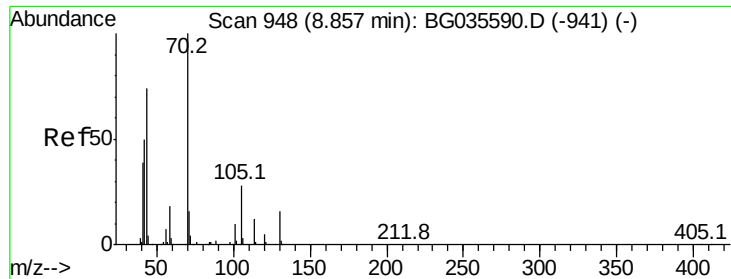
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.7	115.1	
201	134.6	95.7	143.5	

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





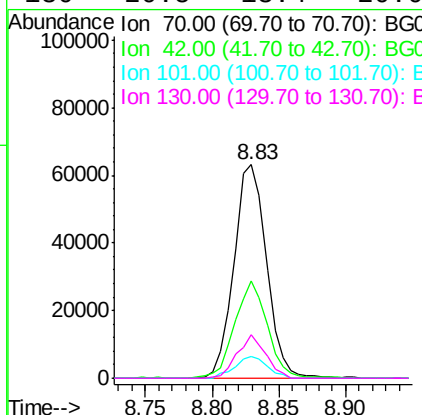
#19
n-Nitroso-di-n-propylamine
Concen: 31.721 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.1	73.7#
101	10.0	8.5	12.7
130	20.5	13.4	20.0#

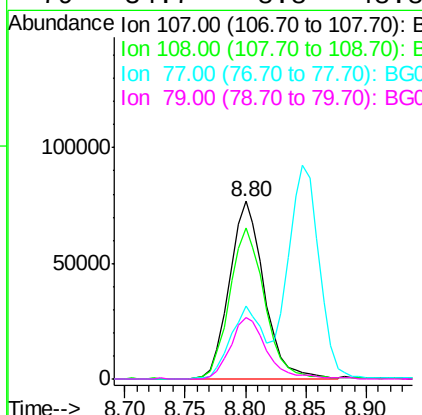
Manual Integrations
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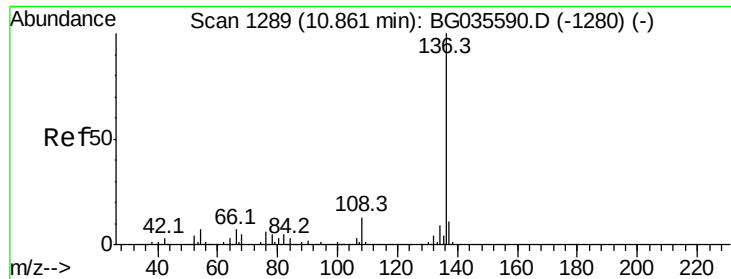
Sohil
7/24/2018 3:05:45 PM



#20
3+4-Methylphenols
Concen: 40.115 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	61.6	101.6
77	41.2	13.9	53.9
79	34.7	8.8	48.8





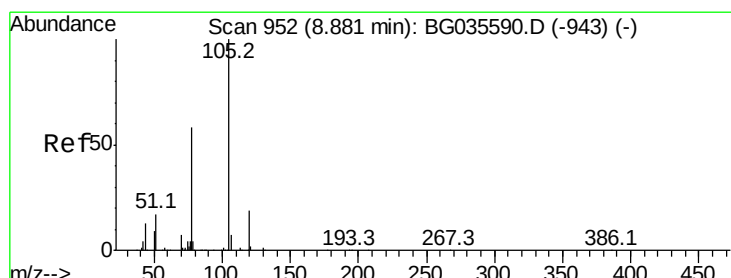
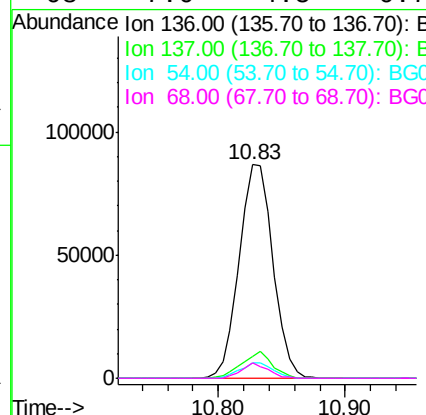
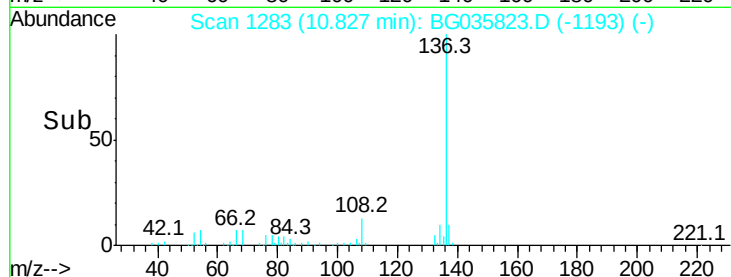
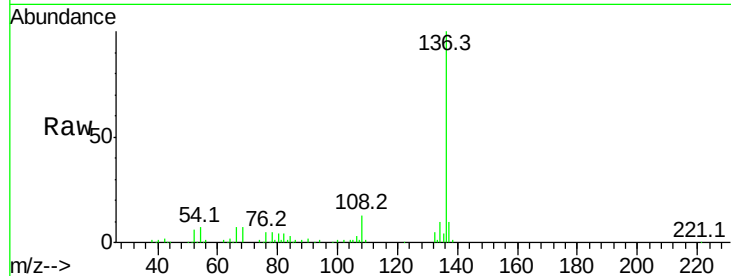
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampled :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	7.3	10.3	15.5#	
68	7.0	4.5	6.7#	

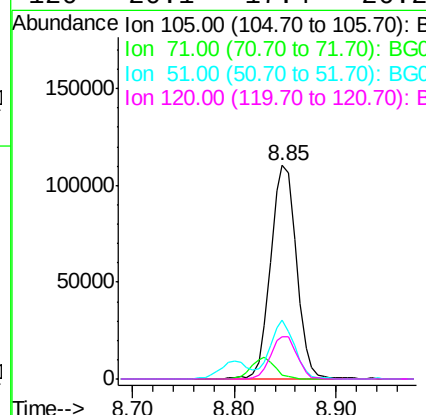
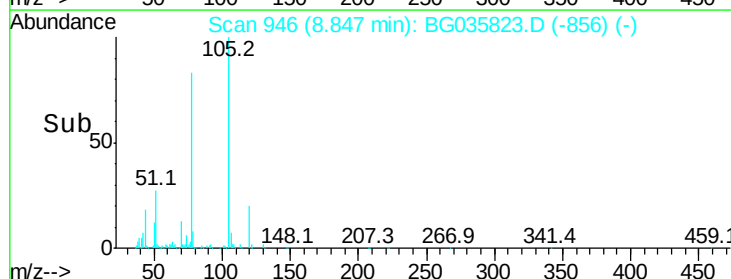
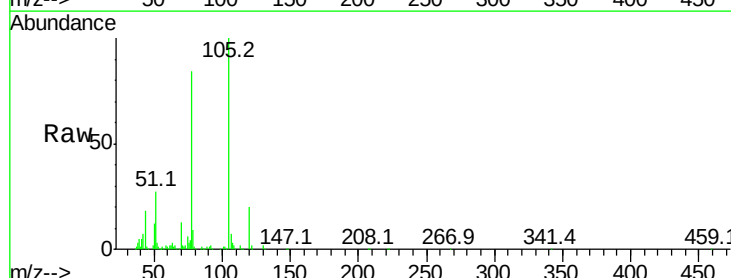
Manual Integrations
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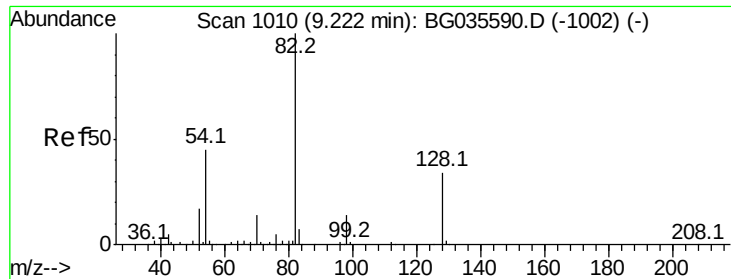
Sohil
7/24/2018 3:05:45 PM



#22
Acetophenone
Concen: 39.381 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	3.0	4.4#	
51	27.3	26.1	39.1	
120	20.1	17.4	26.2	





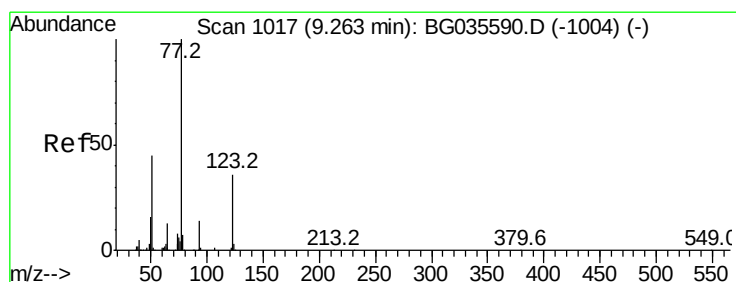
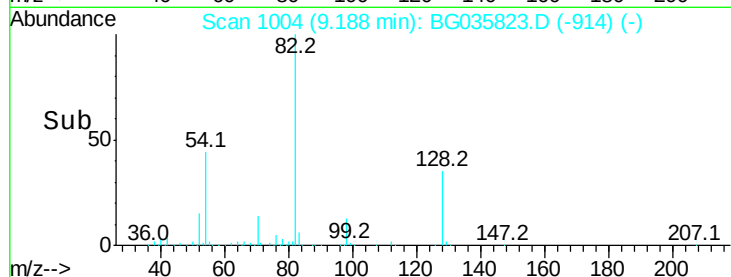
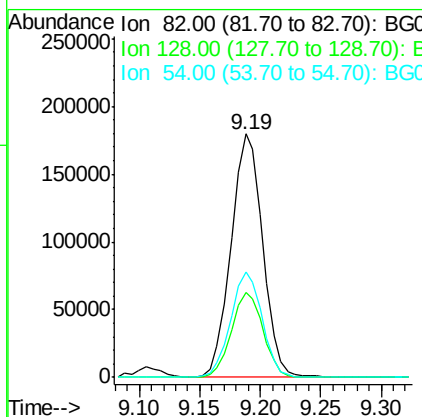
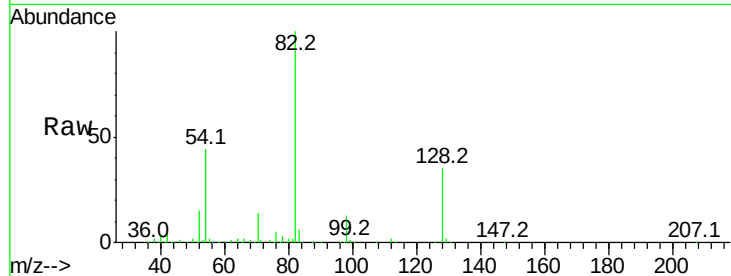
#23
 Nitrobenzene-d5
 Concen: 85.621 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.0	29.7	44.5	
54	43.5	43.1	64.7	

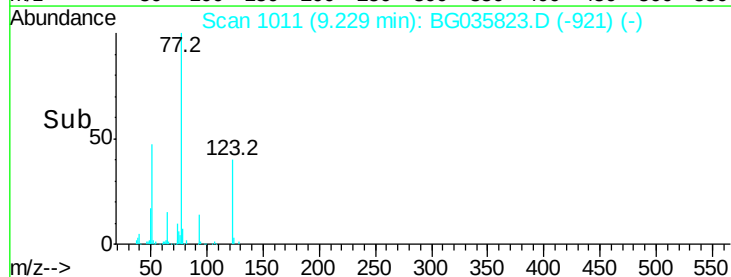
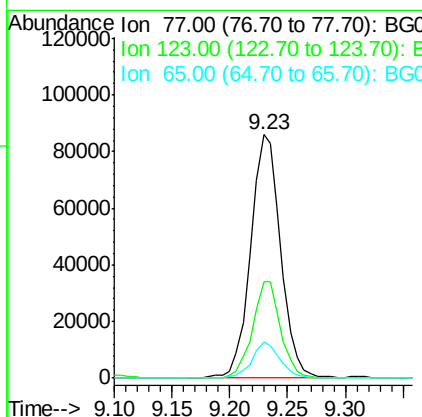
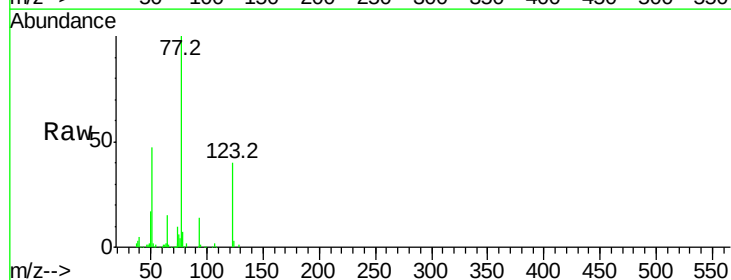
Manual Integrations
 APPROVED

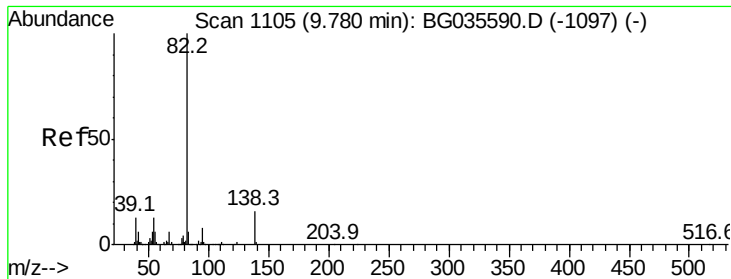
Sohil
 7/24/2018 3:05:45 PM



#24
 Nitrobenzene
 Concen: 40.431 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.9	33.0	49.6	
65	14.6	13.0	19.6	





#25

Isophorone

Concen: 41.882 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

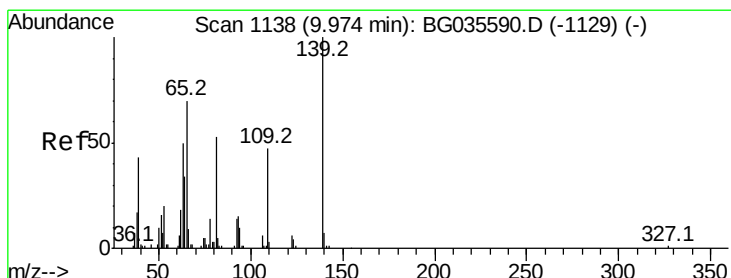
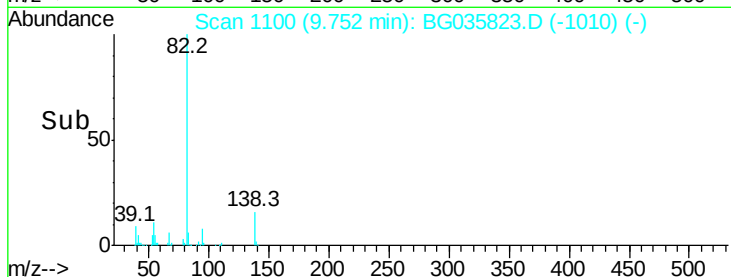
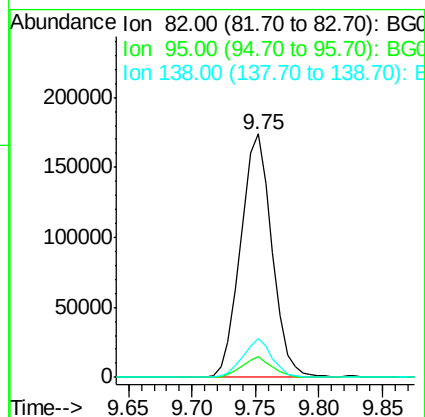
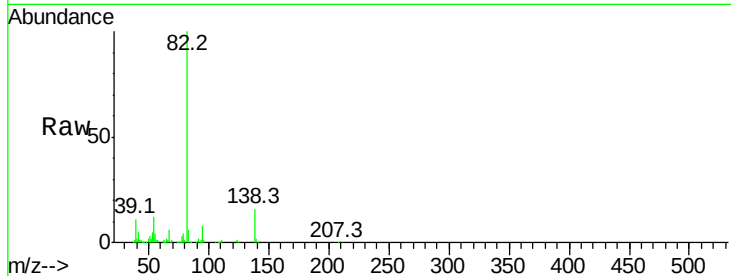
PB111306BSD

Tot Ion:	82	Resp:	297831
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	15.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.758 ng

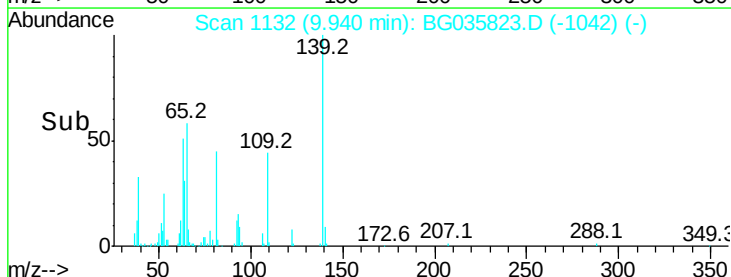
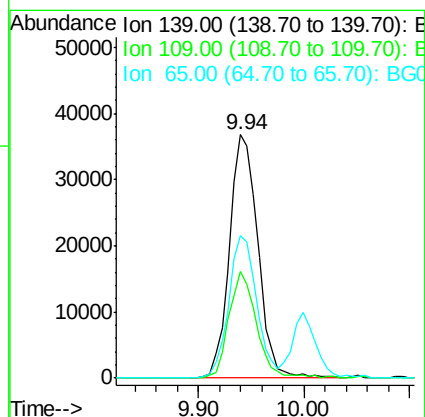
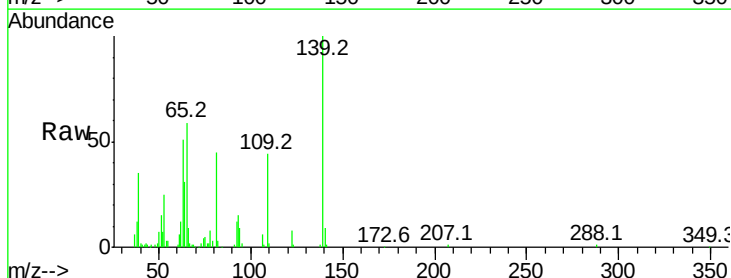
RT: 9.94 min Scan# 1132

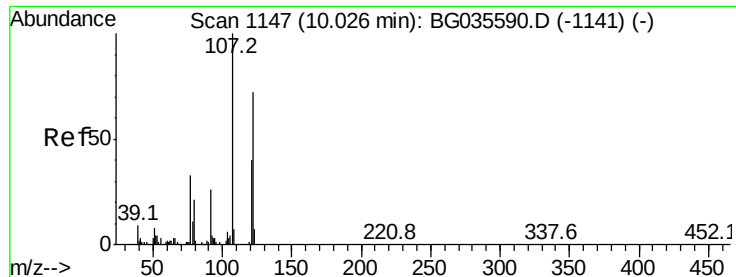
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	139	Resp:	68081
Ion Ratio	Lower	Upper	
139	100		
109	43.6	24.2	36.2#
65	58.8	47.4	71.0





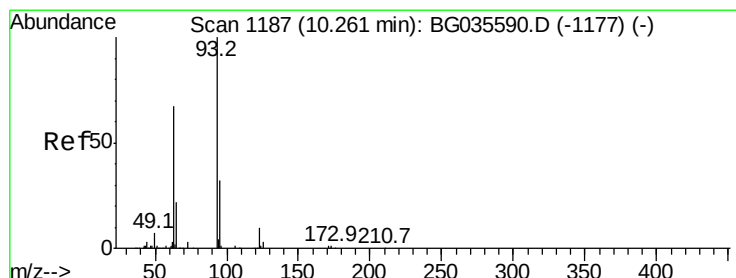
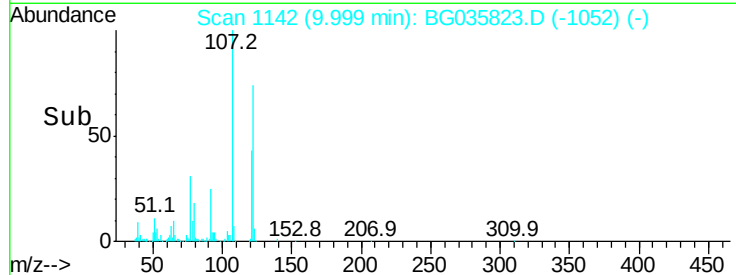
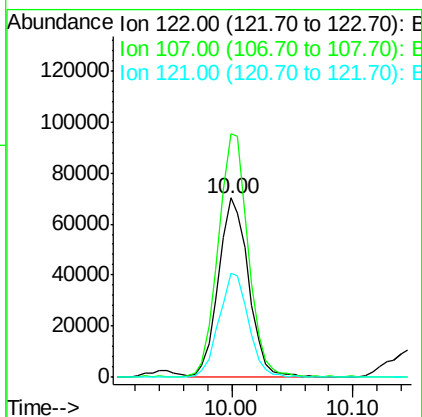
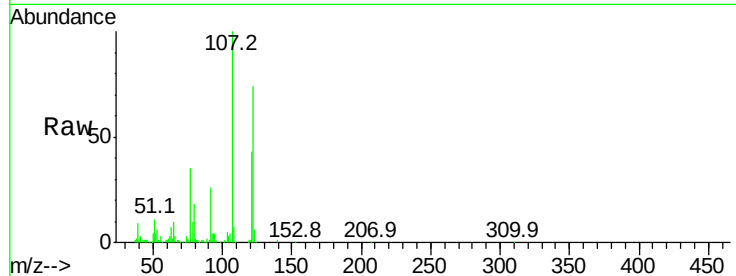
#27
2,4-Dimethylphenol
Concen: 51.900 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.9	100.2	150.2
121	58.0	44.4	66.6

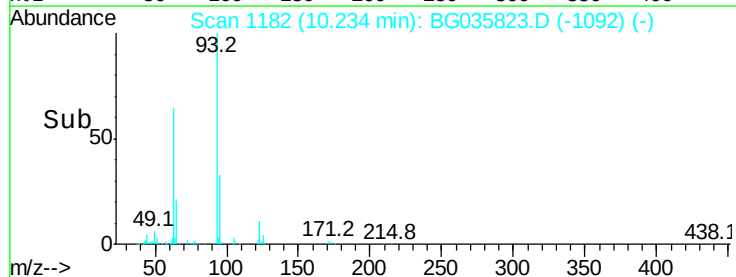
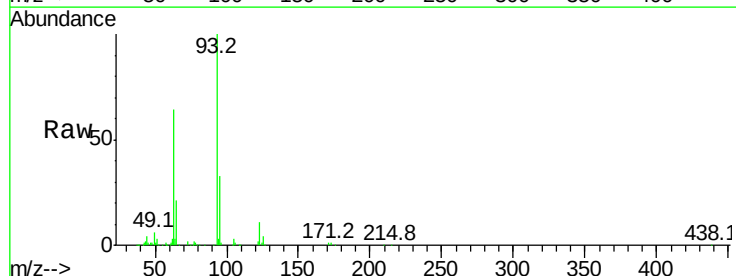
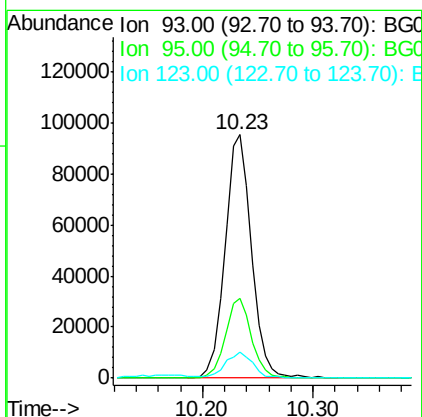
Manual Integrations
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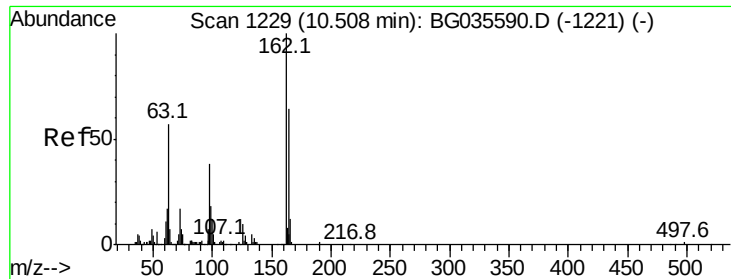
Sohil
7/24/2018 3:05:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.768 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	10.9	8.4	12.6





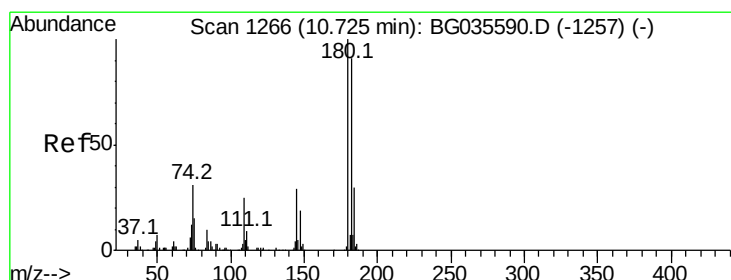
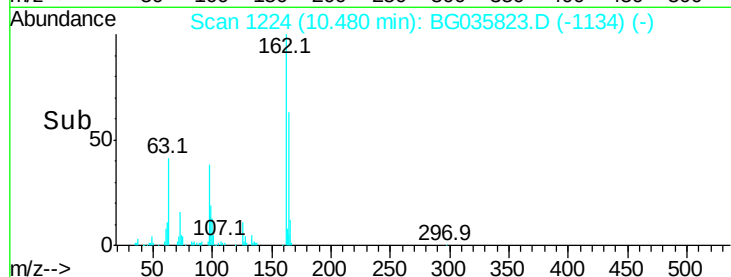
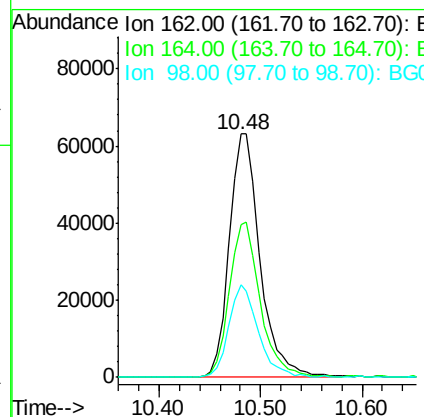
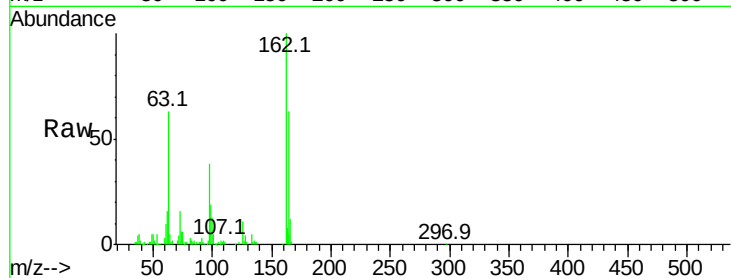
#29
 2,4-Dichlorophenol
 Concen: 50.196 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.6	48.0	88.0	
98	38.0	21.1	61.1	

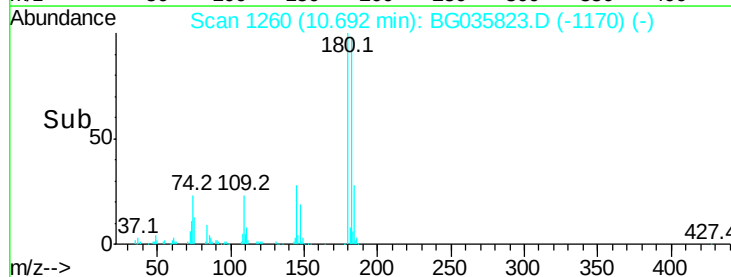
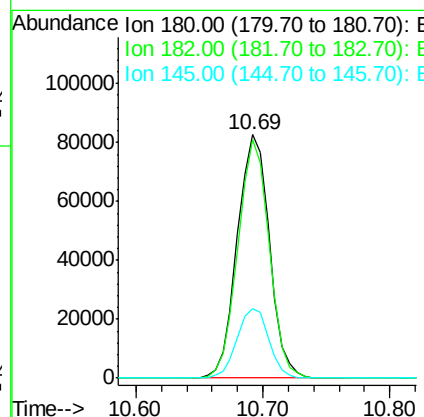
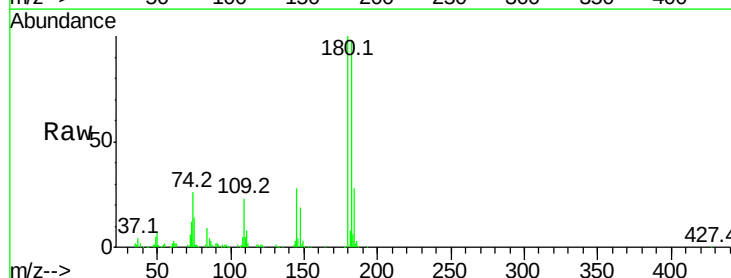
Manual Integrations
 APPROVED

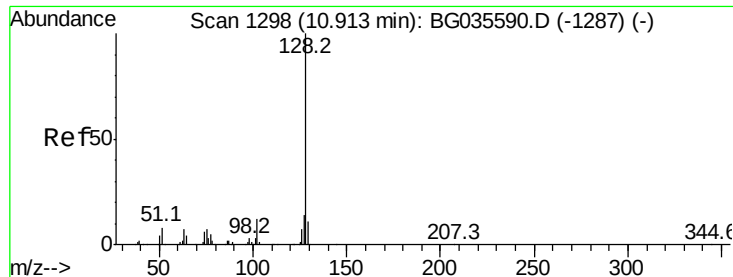
Sohil
 7/24/2018 3:05:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.631 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.1	77.5	116.3	
145	28.5	23.4	35.2	





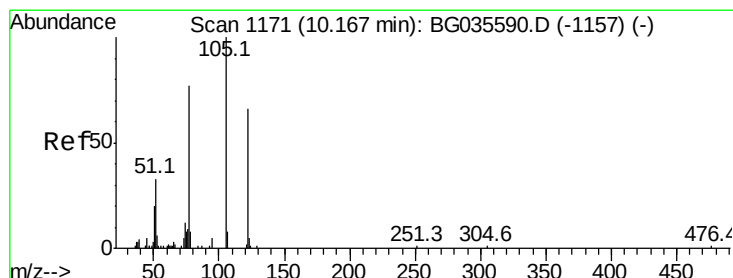
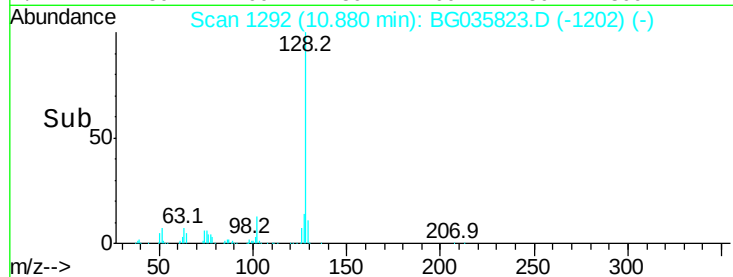
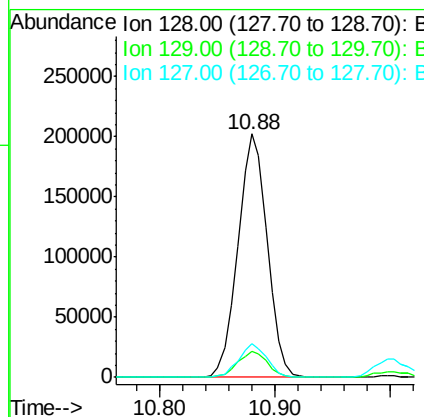
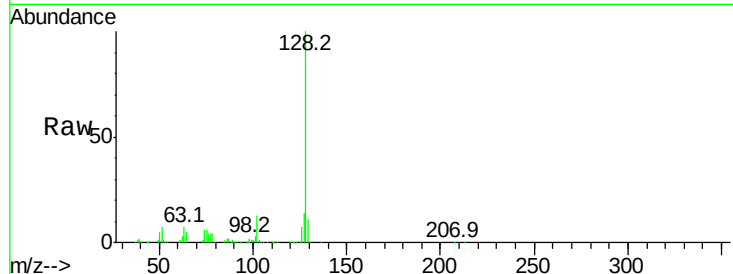
#31
Naphthalene
Concen: 42.423 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	12.8	
127	13.9	11.6	17.4	

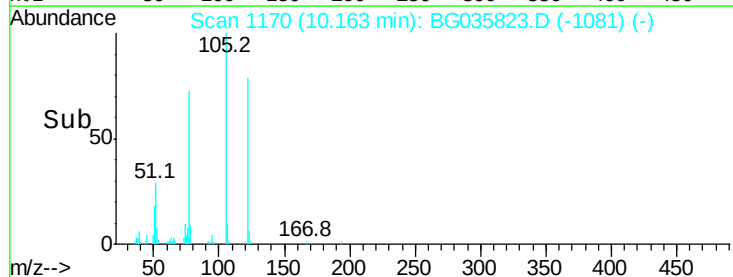
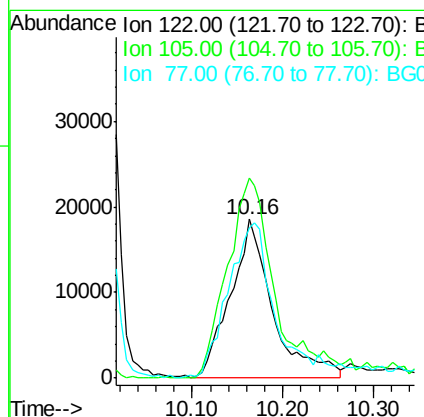
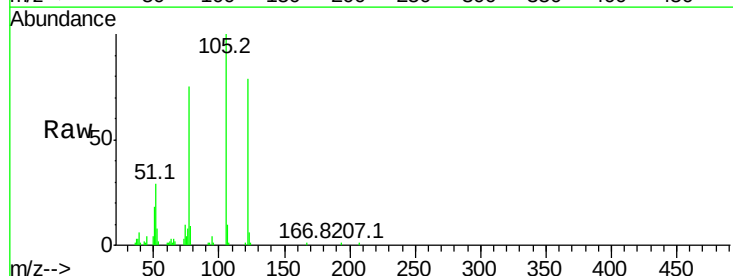
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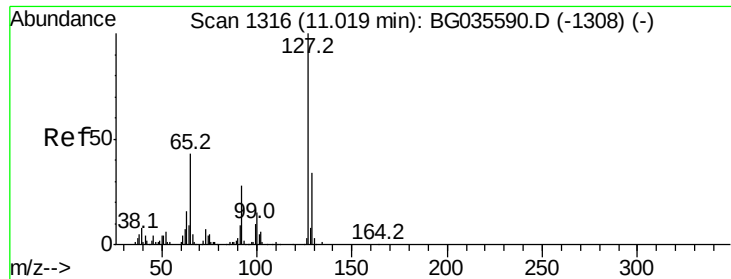
Sohil
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#32
Benzoic acid
Concen: 38.611 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.3	123.5	163.5	
77	94.2	85.7	125.7	





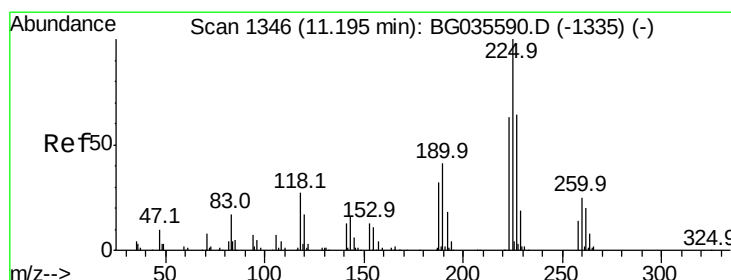
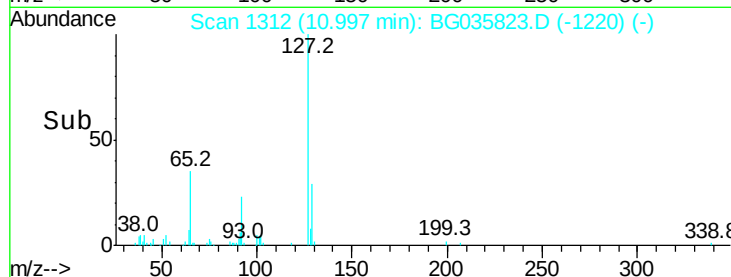
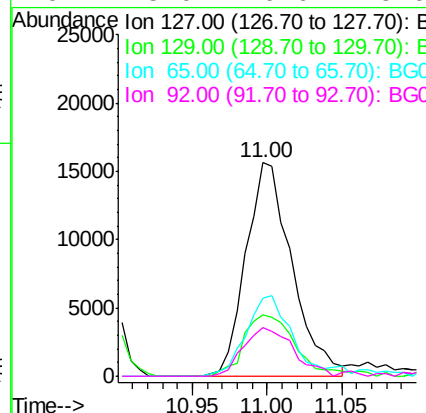
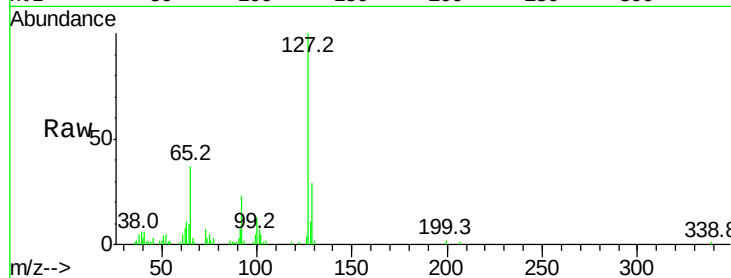
#33
4-Chloroaniline
Concen: 9.186 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.5	24.0	36.0	
65	36.6	27.0	40.4	
92	23.0	16.6	25.0	

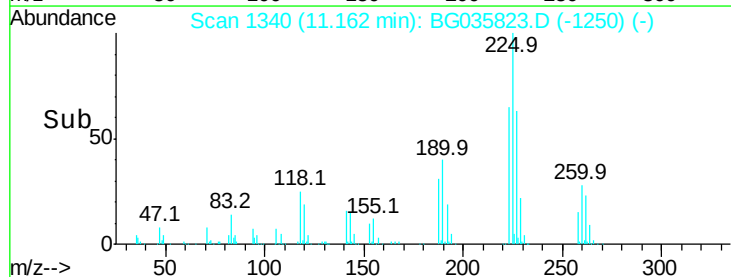
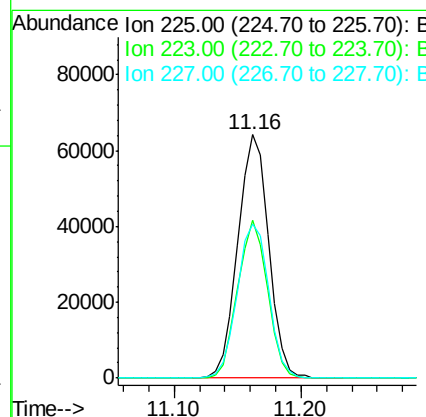
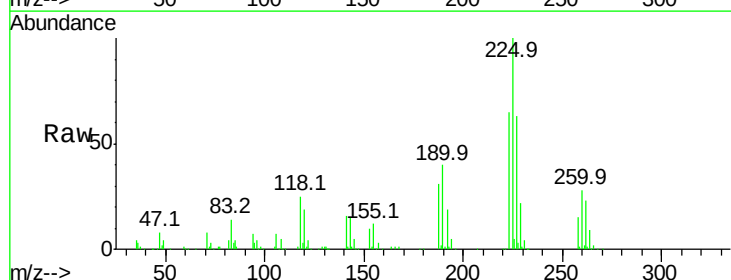
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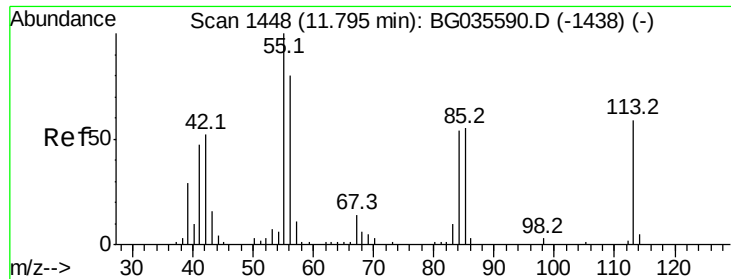
Sohil
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#34
Hexachlorobutadiene
Concen: 42.524 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	49.7	74.5	
227	63.5	48.1	72.1	





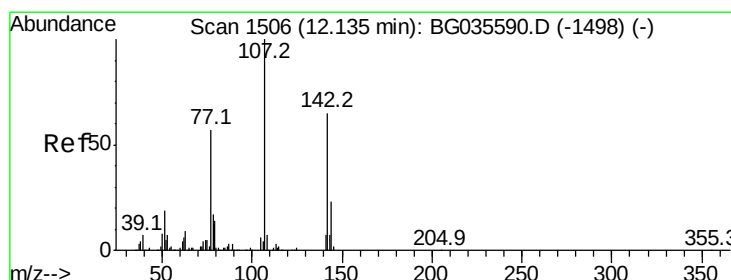
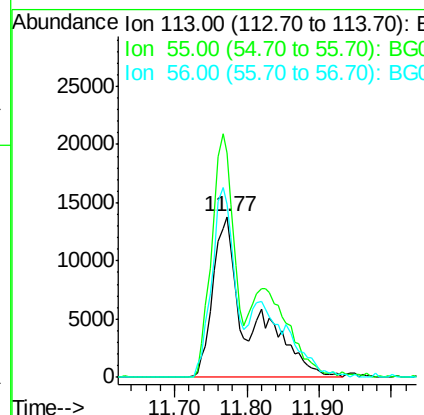
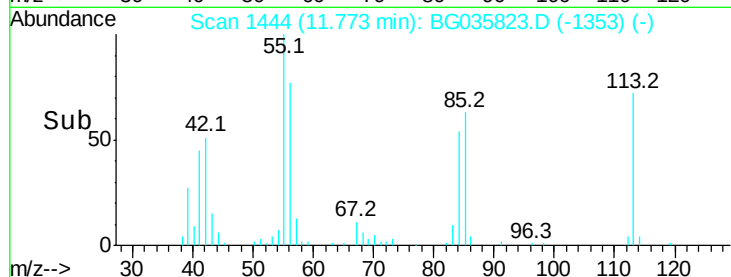
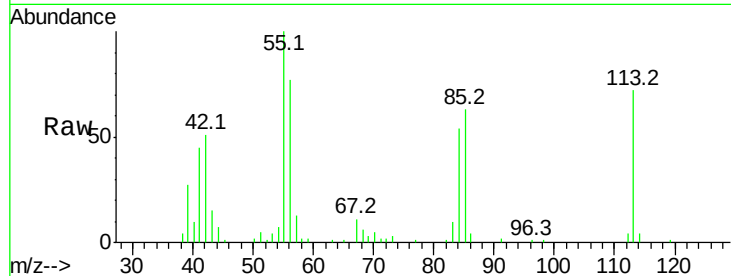
#35
 Caprolactam
 Concen: 42.932 ng/ml
 RT: 11.77 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion:113 Resp: 48708
 Ion Ratio Lower Upper
 113 100
 55 139.8 186.9 226.9#
 56 107.3 130.9 170.9#

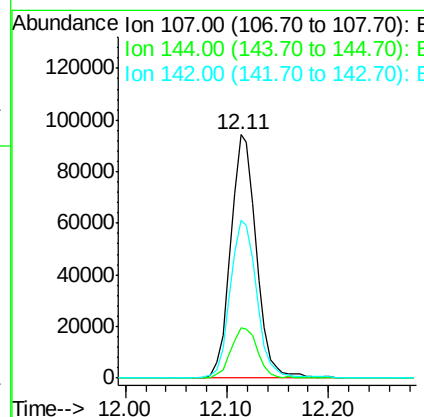
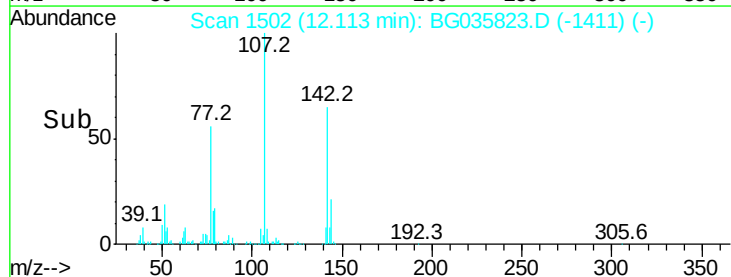
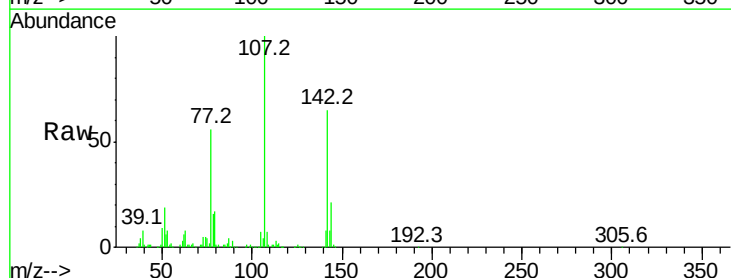
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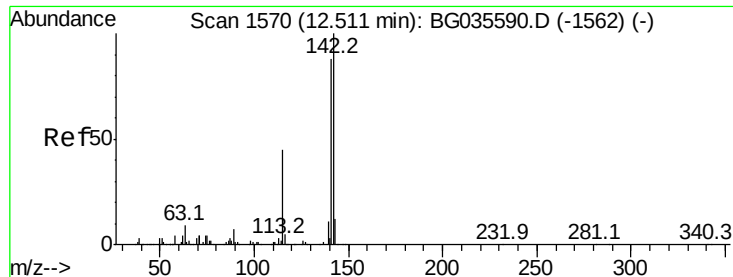
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 46.774 ng/ml
 RT: 12.11 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion:107 Resp: 165755
 Ion Ratio Lower Upper
 107 100
 144 20.8 18.2 27.4
 142 64.6 59.0 88.4





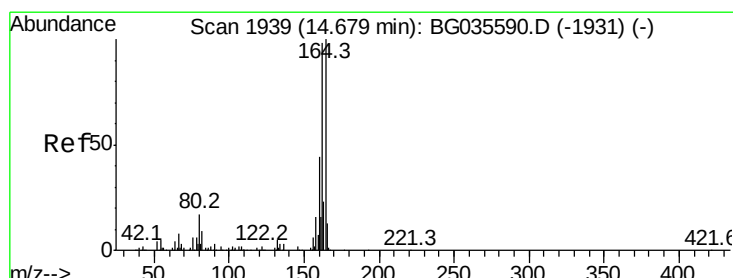
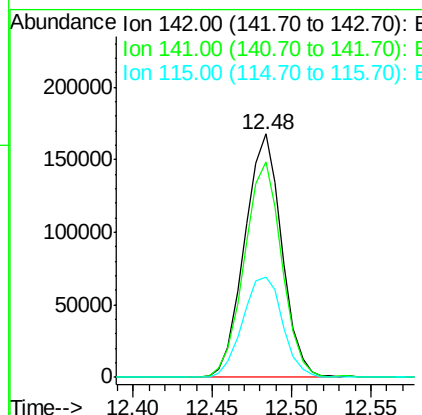
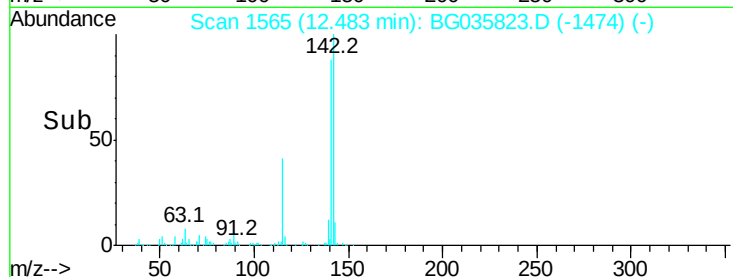
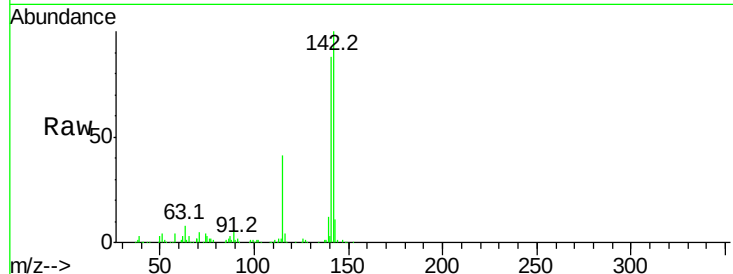
#37
2-Methylnaphthalene
Concen: 43.901 ng
RT: 12.48 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	272643		
141	88.4	67.1	100.7	
115	41.2	30.7	46.1	

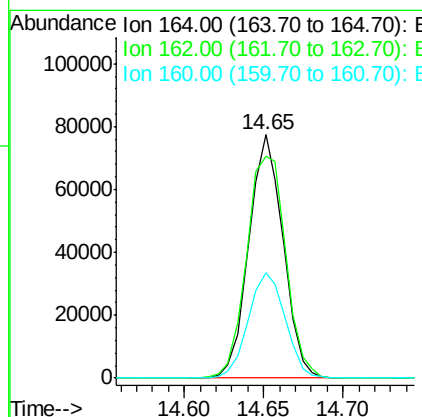
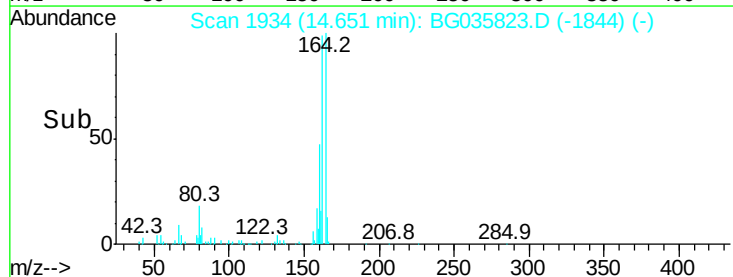
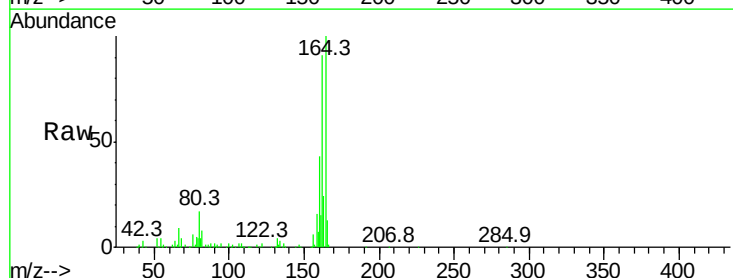
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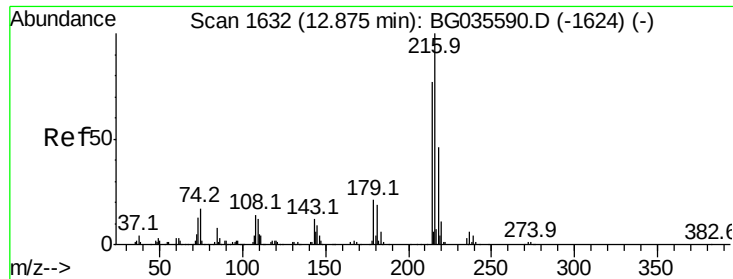
Sohil
7/24/2018 3:05:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116160		
162	91.3	78.8	118.2	
160	43.2	35.4	53.0	





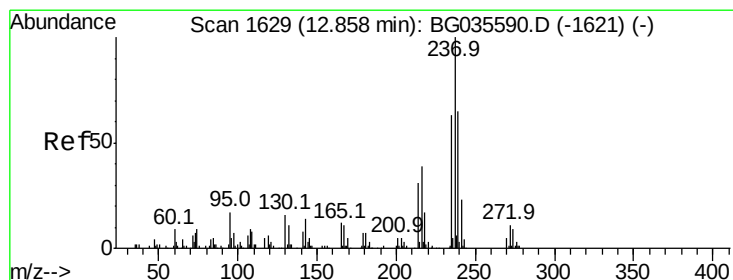
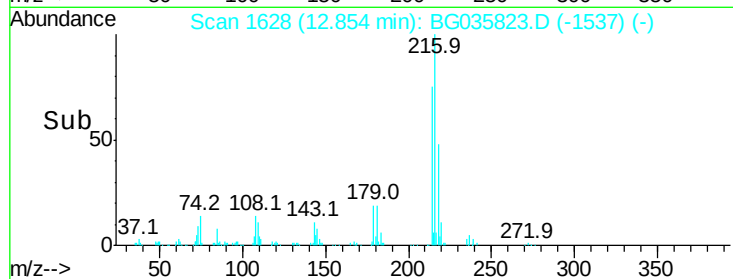
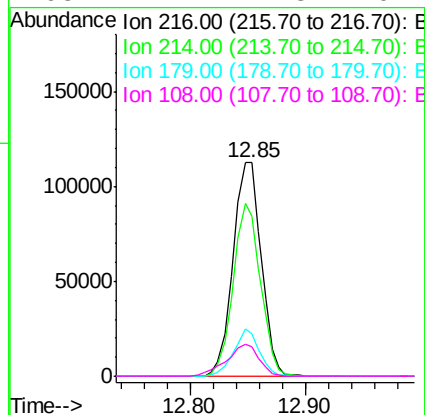
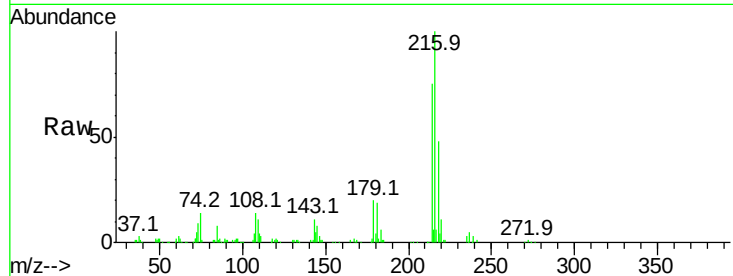
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.340 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	190014		
214	78.2	63.0	94.4	
179	20.1	17.0	25.6	
108	17.2	12.8	19.2	

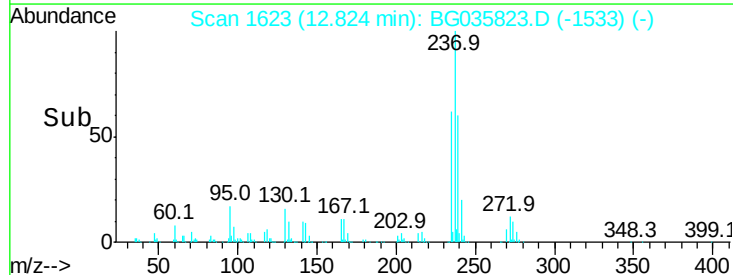
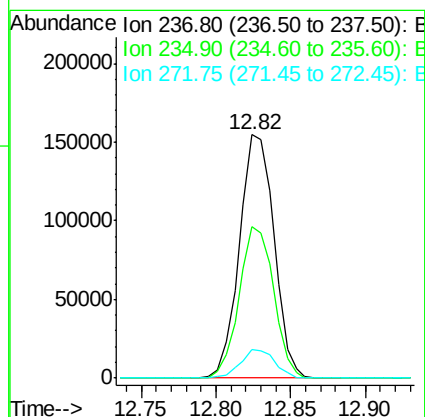
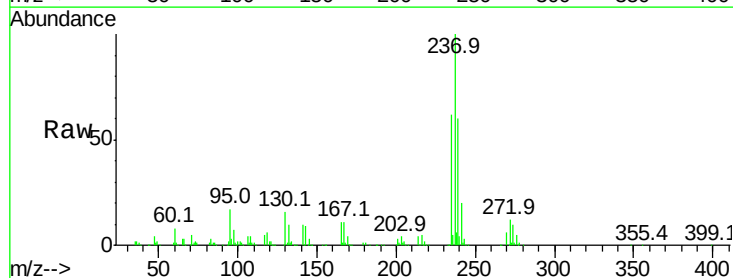
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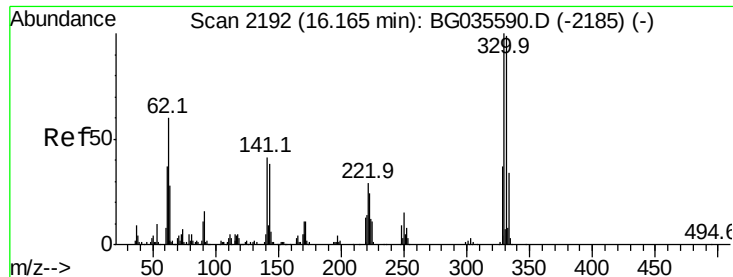
Sohil
 7/24/2018 3:05:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 108.253 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	248906		
235	62.1	50.4	90.4	
272	11.7	0.0	31.8	





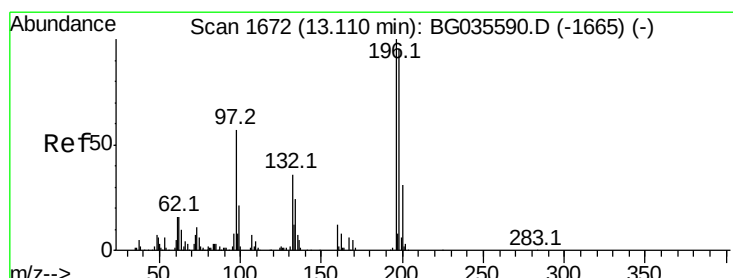
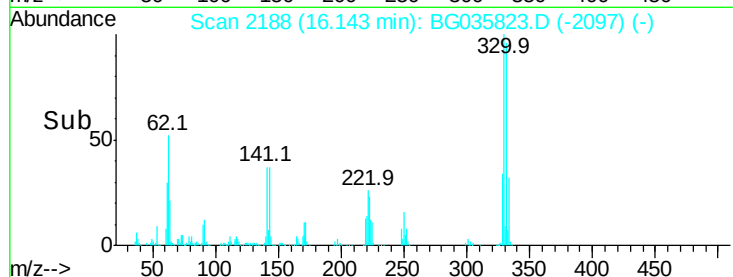
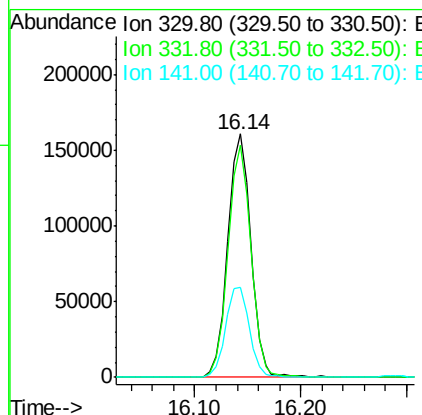
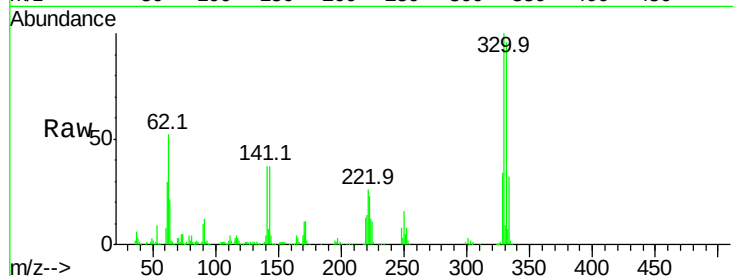
#41
 2,4,6-Tribromophenol
 Concen: 158.579 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.4	25.2	37.8

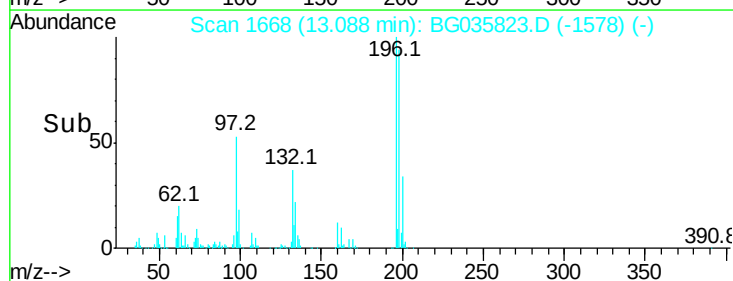
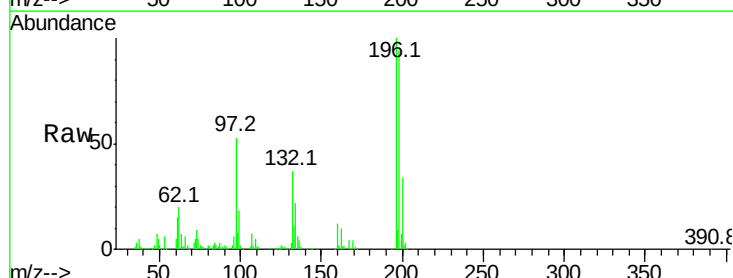
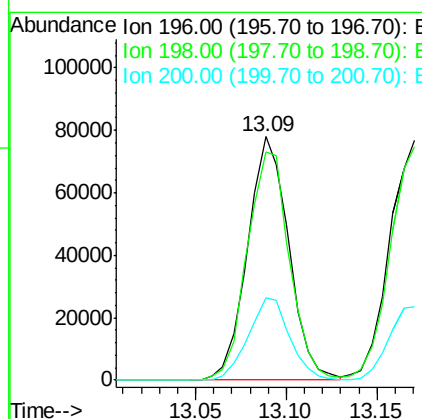
Manual Integrations
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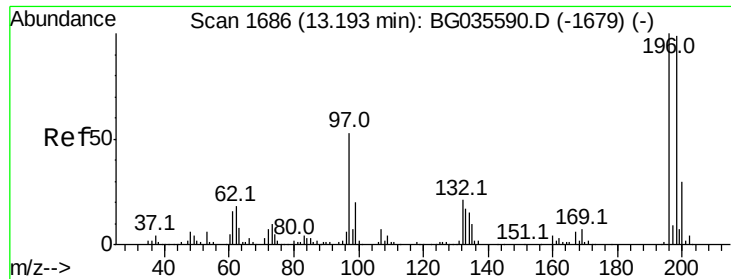
Sohil
 7/24/2018 3:05:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.002 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.2	117.2
200	34.1	24.6	36.8





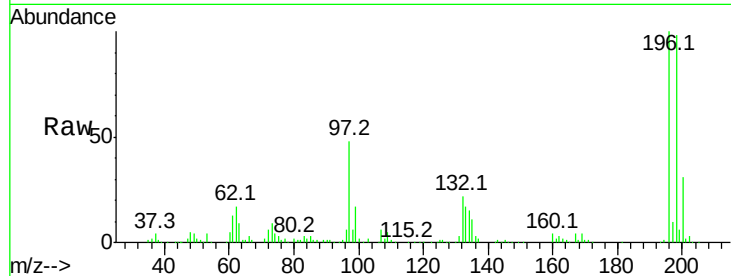
#43
 2,4,5-Trichlorophenol
 Concen: 48.872 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

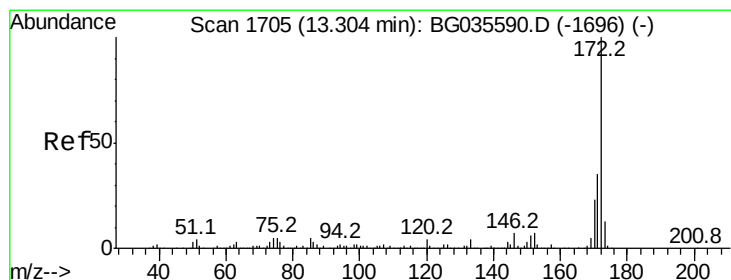
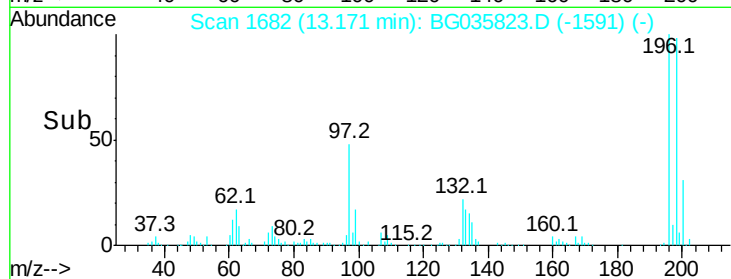
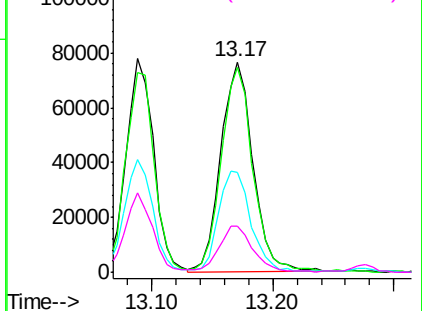
Tot Ion:	196	Resp:	140177
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.2	114.4
97	47.8	38.7	58.1
132	22.2	20.2	30.2

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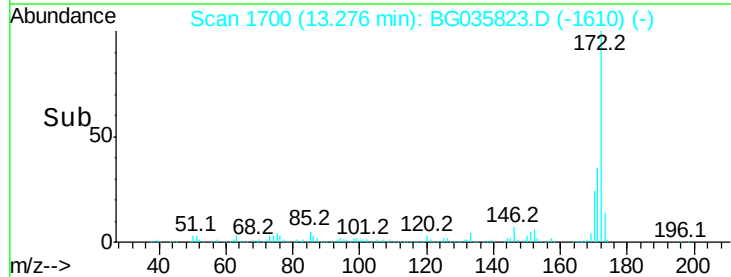
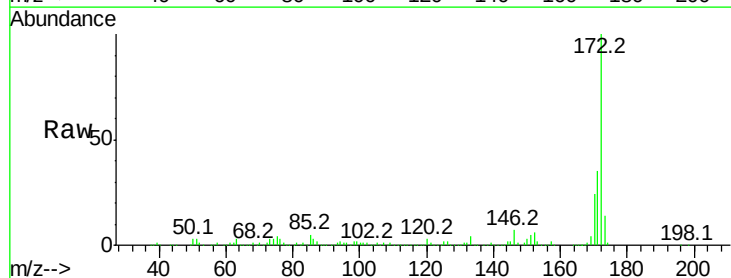
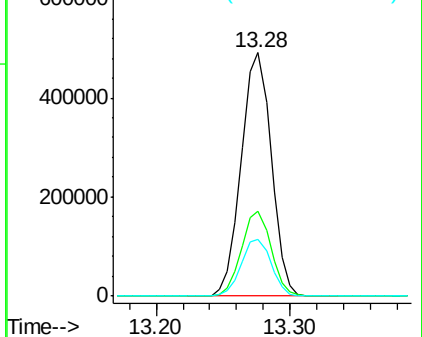
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

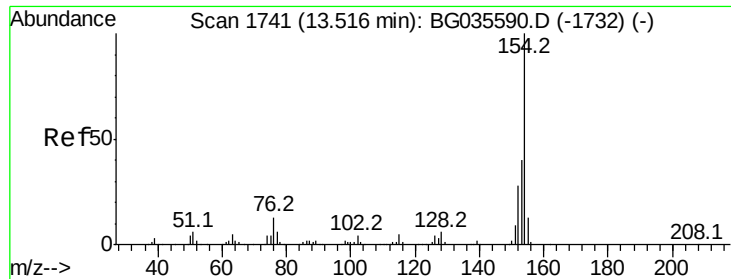


#44
 2-Fluorobiphenyl
 Concen: 88.144 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion:	172	Resp:	764239
Ion Ratio	Lower	Upper	
172	100		
171	35.1	30.0	45.0
170	23.5	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





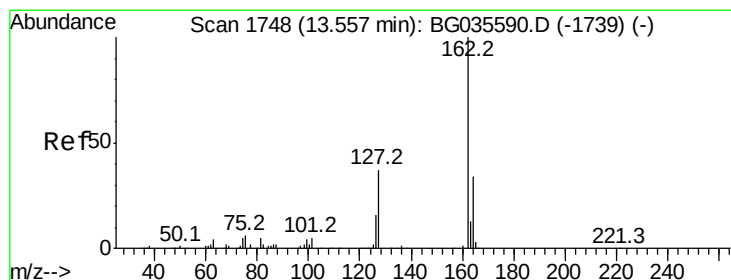
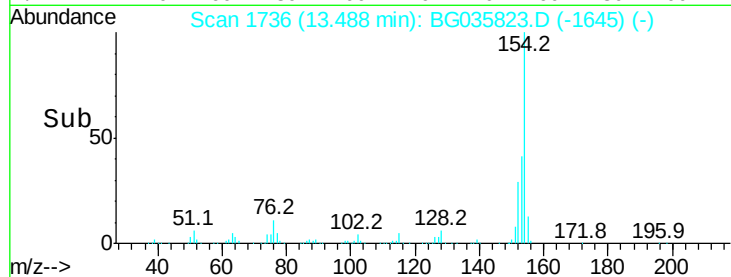
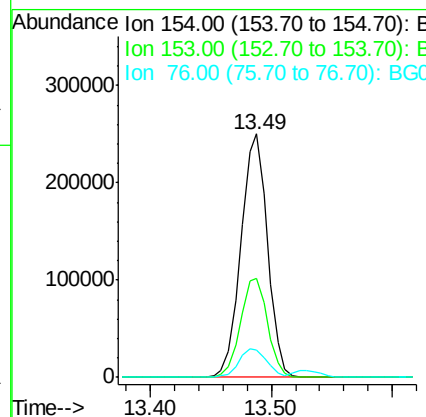
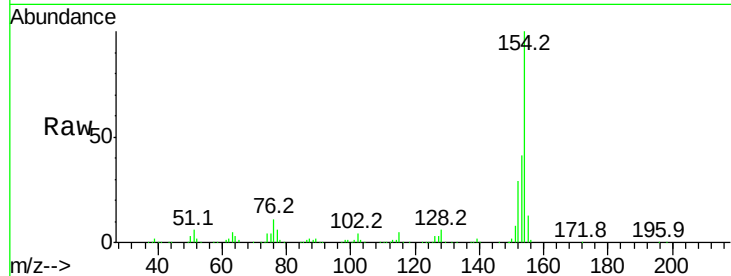
#45
 1,1'-Biphenyl
 Concen: 42.535 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	19.8	59.8	
76	11.4	0.0	31.9	

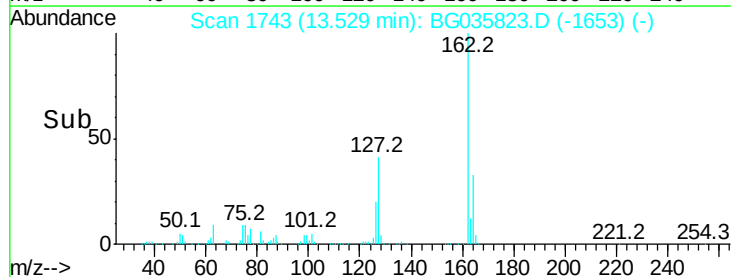
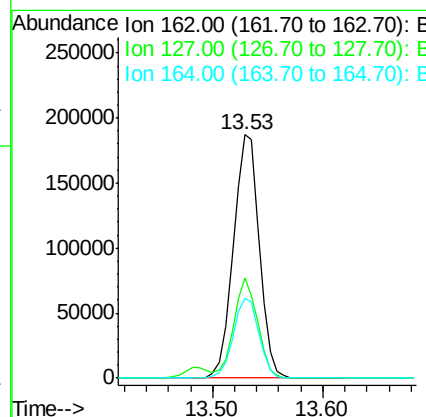
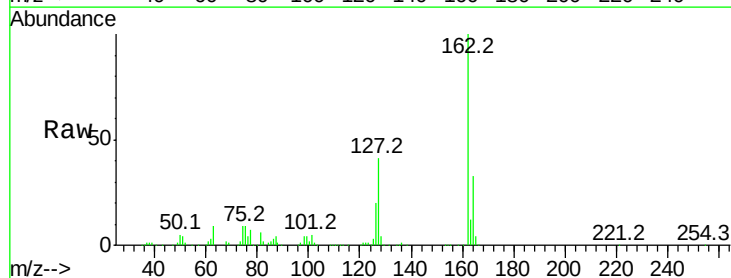
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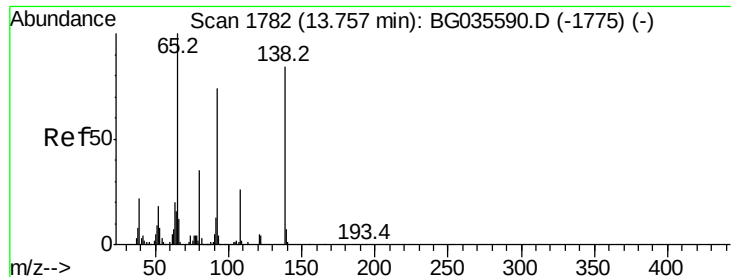
Sohil
 7/24/2018 3:05:45 PM



#46
 2-Chloronaphthalene
 Concen: 43.892 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	30.7	46.1	
164	32.8	26.0	39.0	





#47

2-Nitroaniline

Concen: 44.401 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

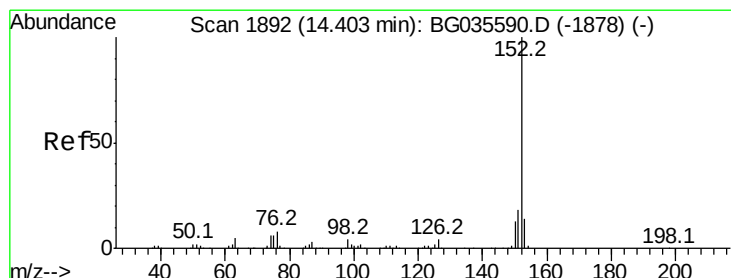
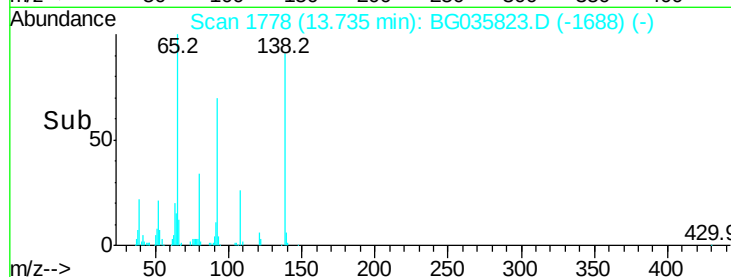
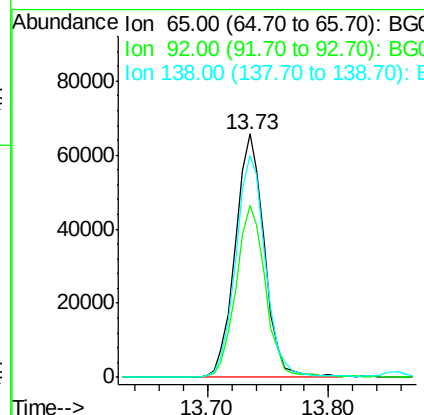
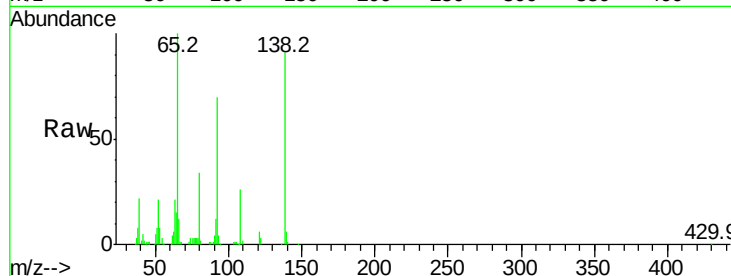
ClientSampleId :

PB111306BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	54.6	82.0
138	90.9	72.9	109.3

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#48

Acenaphthylene

Concen: 43.289 ng

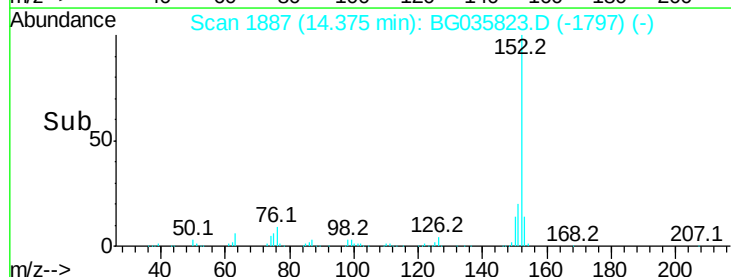
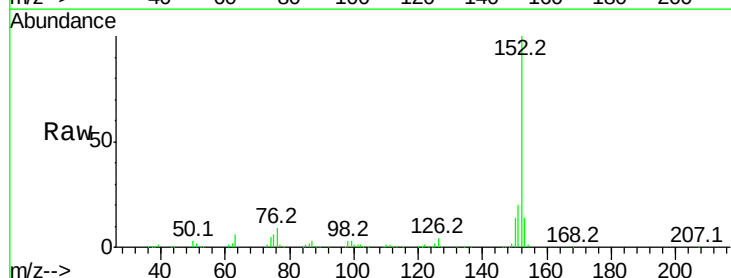
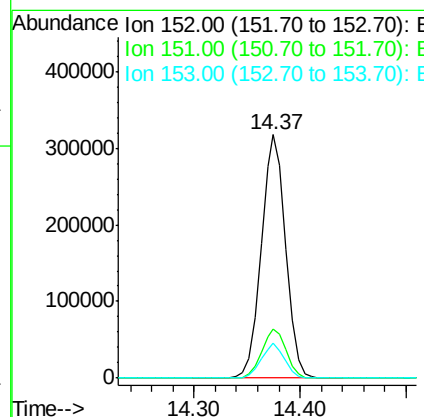
RT: 14.37 min Scan# 1887

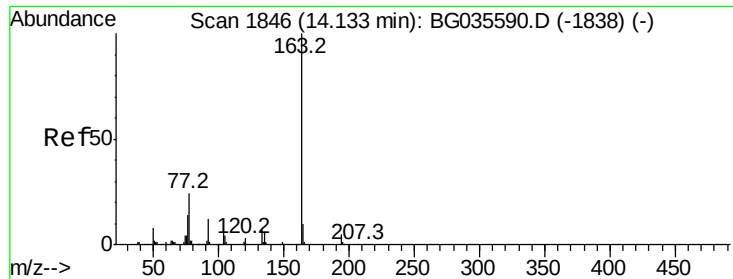
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	14.2	10.2	15.4





#49

Dimethylphthalate

Concen: 42.671 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

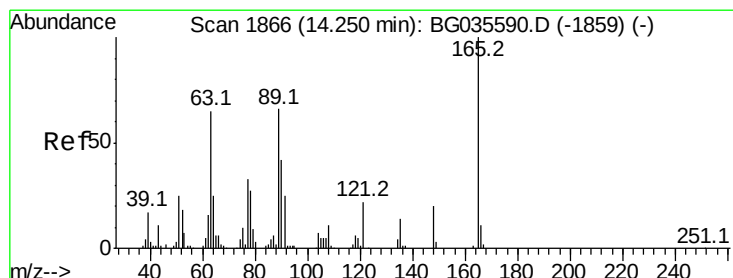
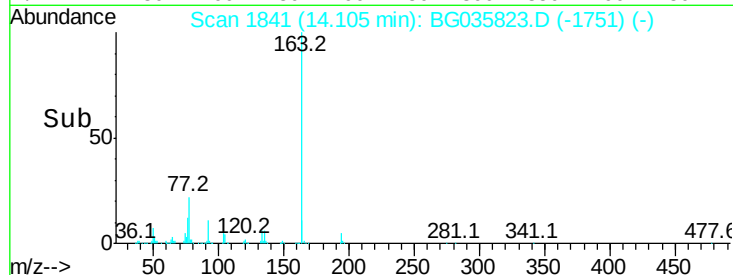
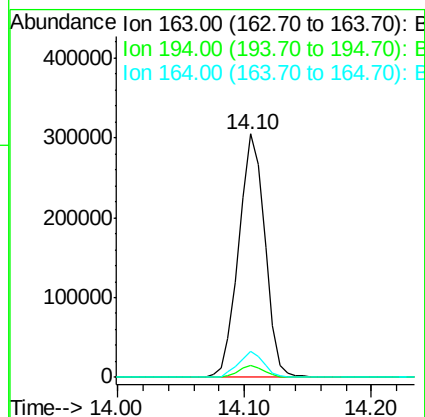
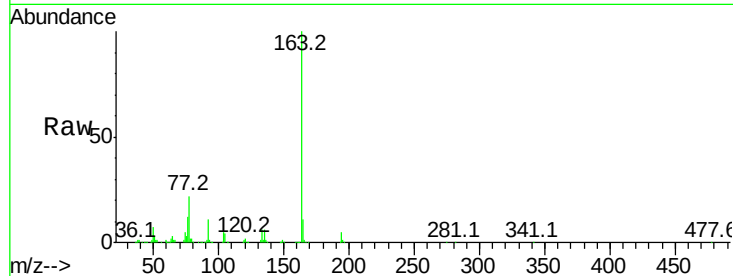
ClientSampleId :

PB111306BSD

Tot Ion:	163	Resp:	434281
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.2
164	10.6	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 49.468 ng

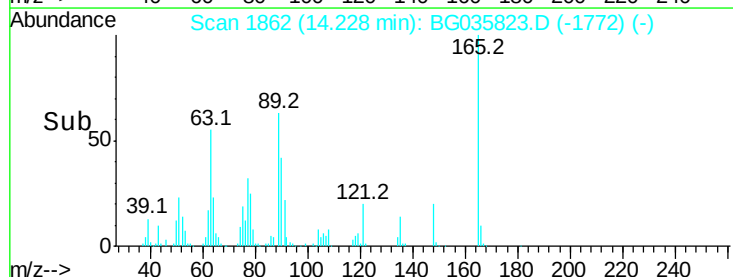
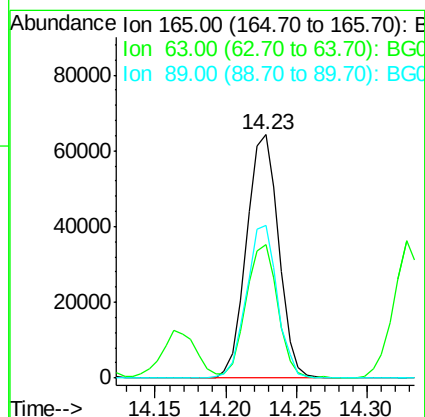
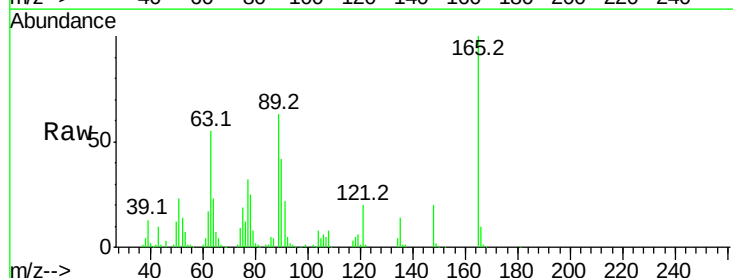
RT: 14.23 min Scan# 1862

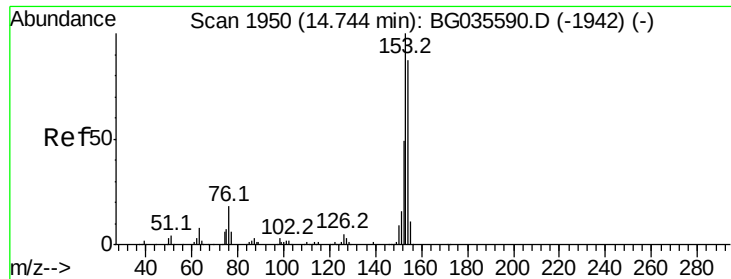
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	165	Resp:	102522
Ion Ratio	Lower	Upper	
165	100		
63	54.9	52.7	79.1
89	62.8	49.2	73.8





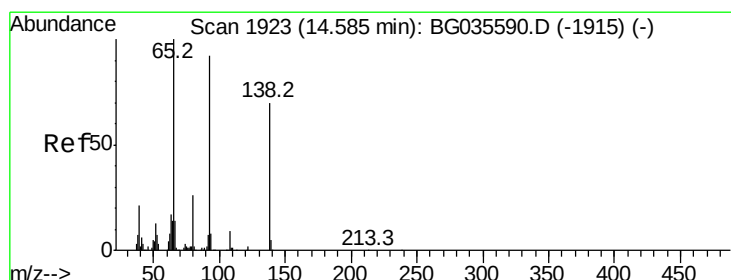
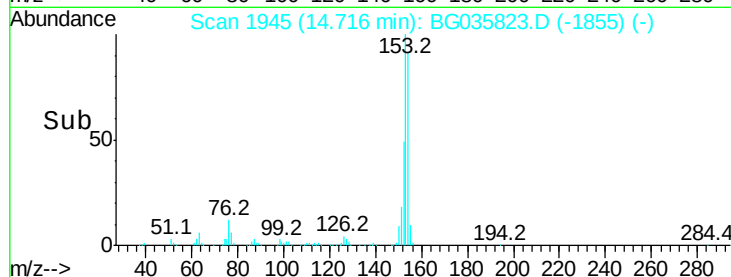
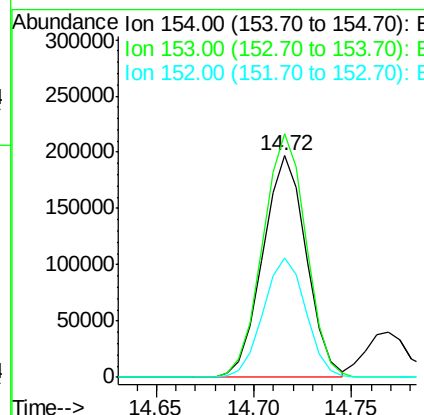
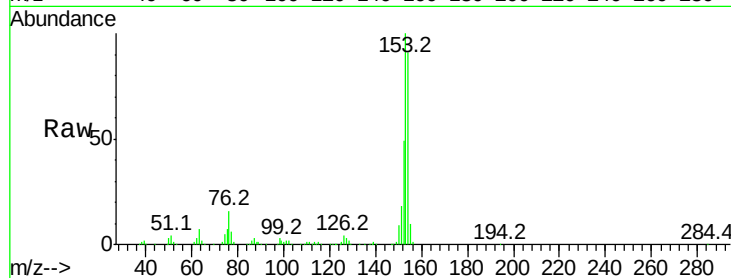
#51
Acenaphthene
Concen: 41.537 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.8	90.4	135.6
152	54.0	41.6	62.4

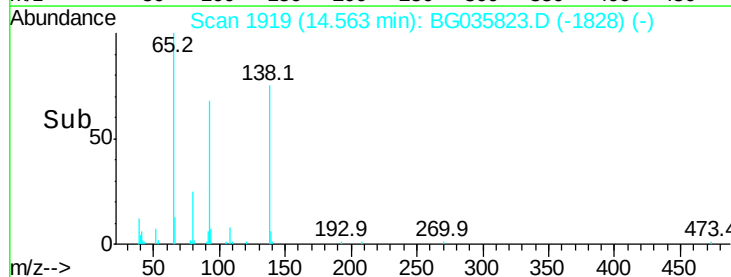
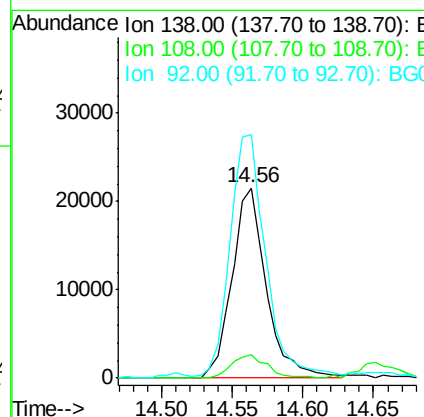
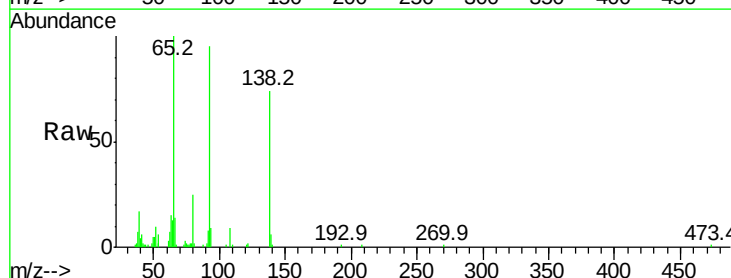
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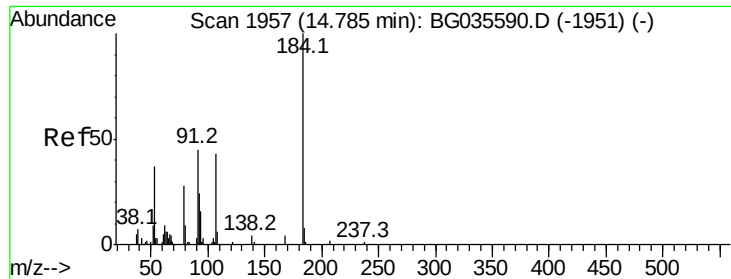
Sohil
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#52
3-Nitroaniline
Concen: 17.259 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.3	17.5	26.3#
92	128.1	105.8	158.8





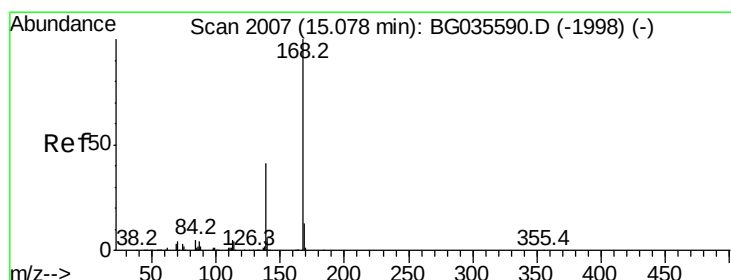
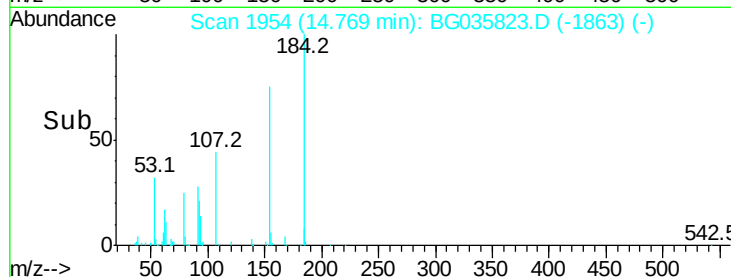
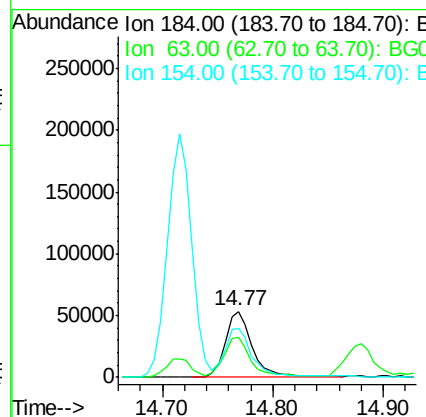
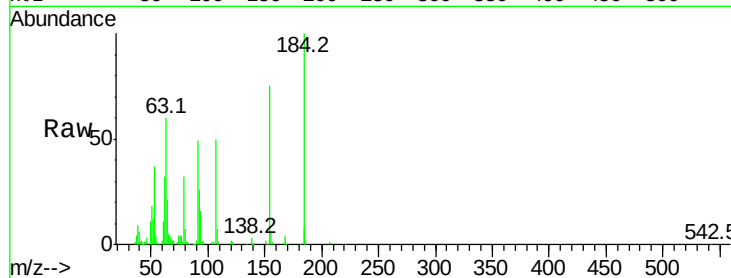
#53
 2,4-Dinitrophenol
 Concen: 86.265 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.4	59.8	89.8
154	74.6	101.8	152.8#

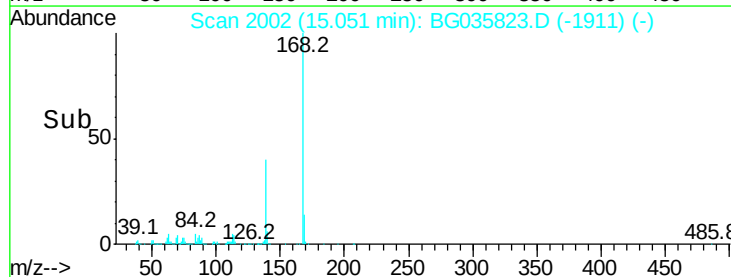
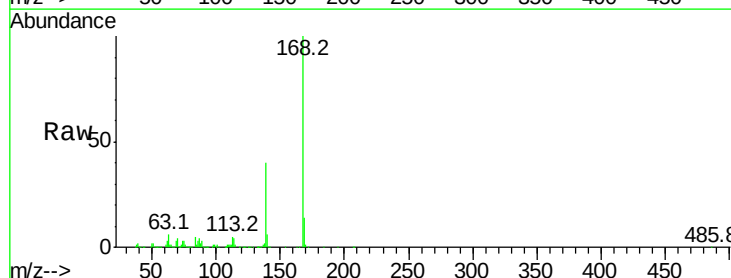
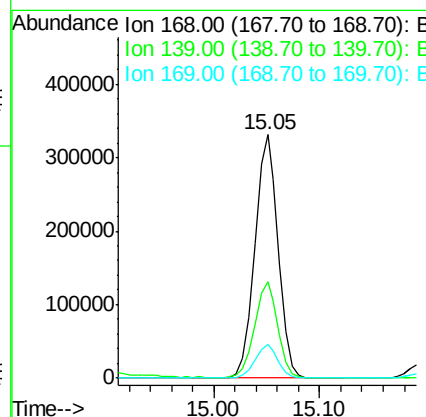
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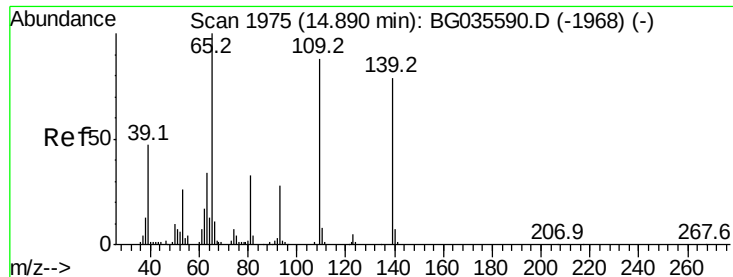
Sohil
 7/24/2018 3:05:45 PM



#54
 Dibenzofuran
 Concen: 43.484 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	28.6	43.0
169	13.8	11.2	16.8





#55

4-Nitrophenol

Concen: 93.791 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111306BSD

Tot Ion:139 Resp: 141485

Ion Ratio Lower Upper

139 100

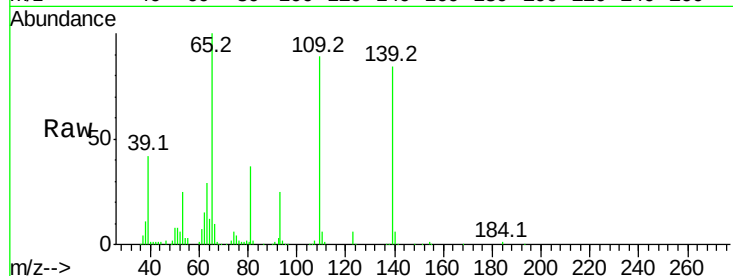
109 105.7 62.2 102.2#

65 118.4 97.2 137.2

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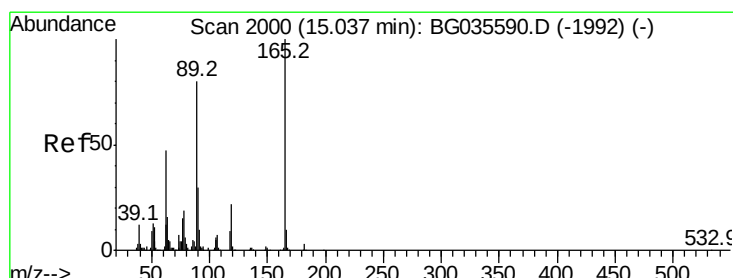
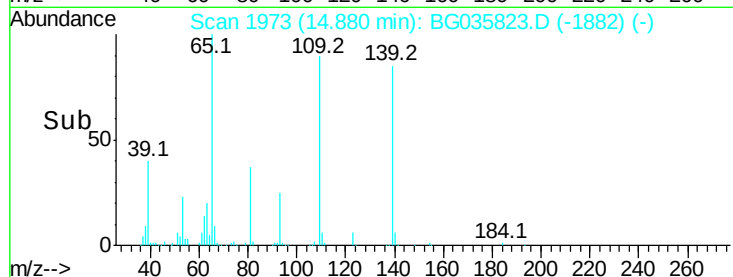
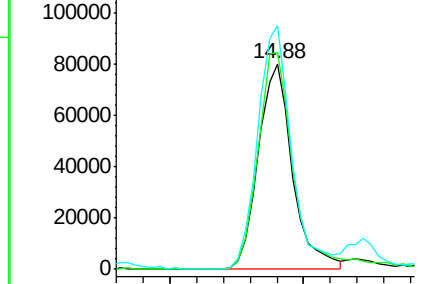
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.278 ng

RT: 15.02 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:165 Resp: 149489

Ion Ratio Lower Upper

165 100

63 41.8 42.0 63.0#

89 71.9 66.9 100.3

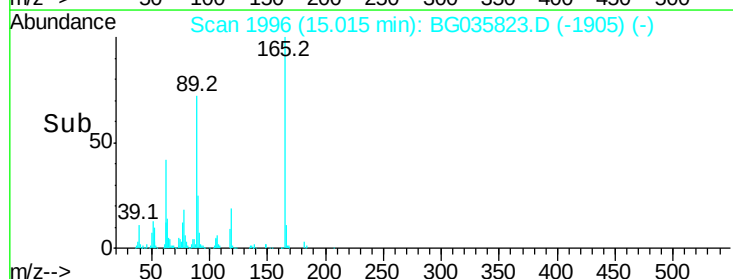
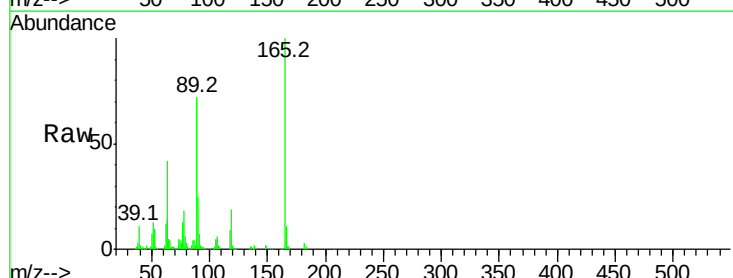
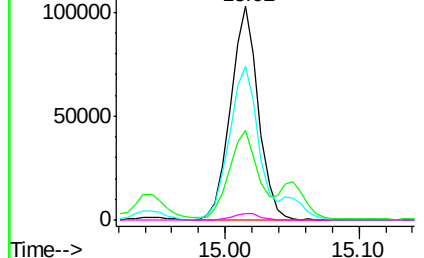
182 3.0 2.6 3.8

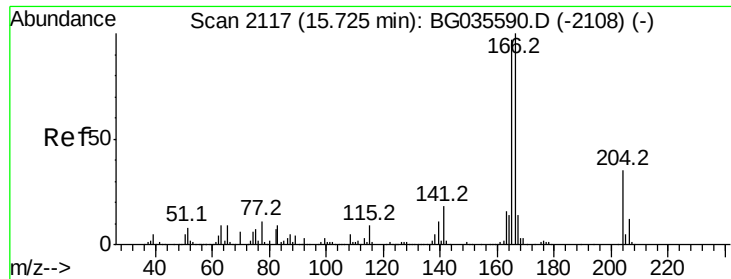
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.613 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

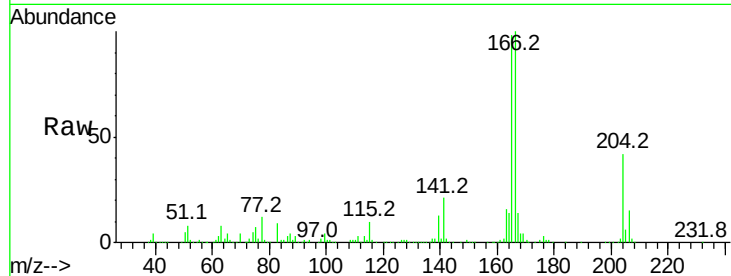
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	424953		
165	98.0		80.6	121.0
167	13.7		10.4	15.6

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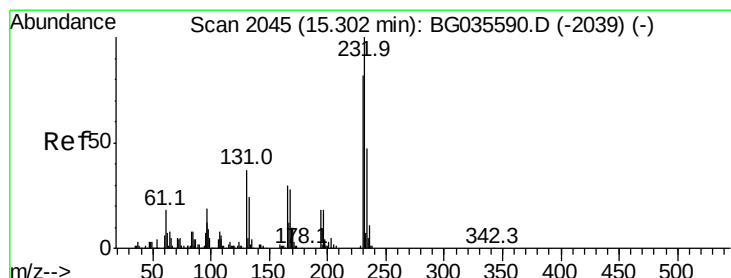
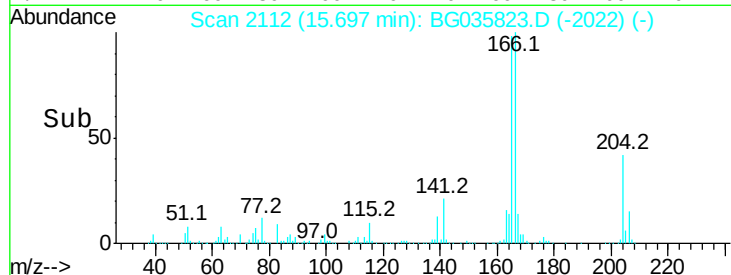
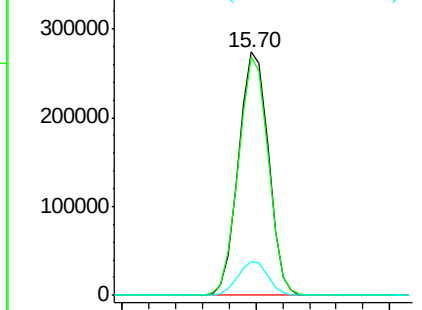


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.228 ng

RT: 15.28 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	140881		
131	36.3		33.5	50.3
130	2.2		2.2	3.2
166	26.4		24.8	37.2

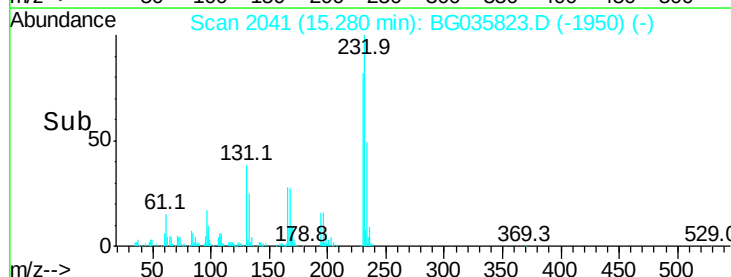
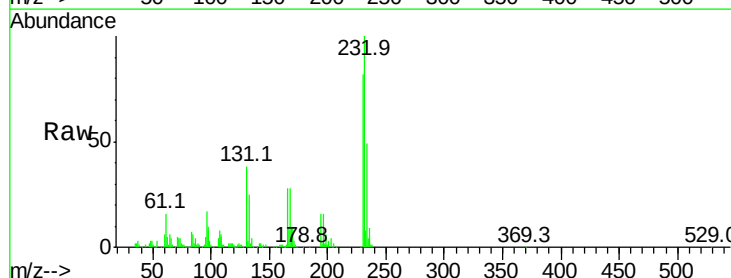
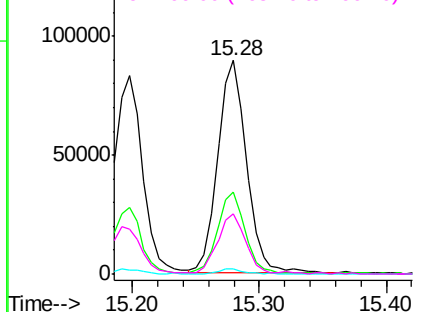
Abundance

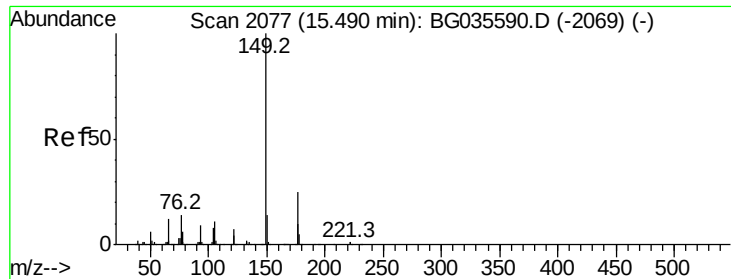
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.010 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

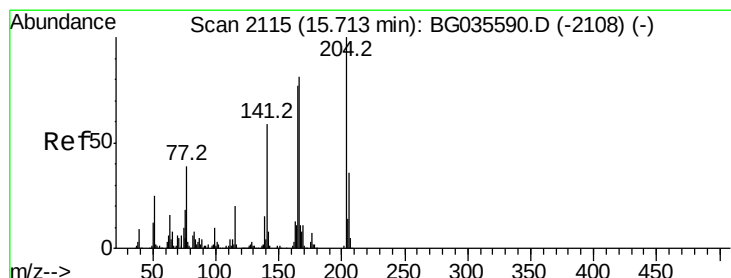
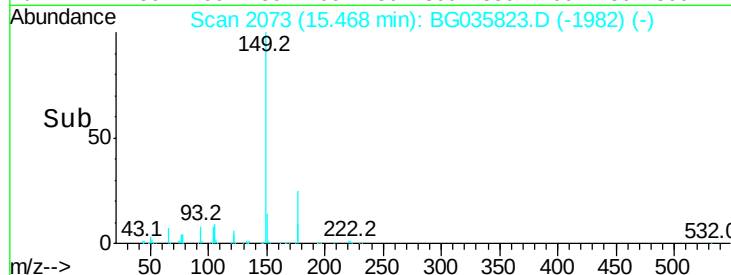
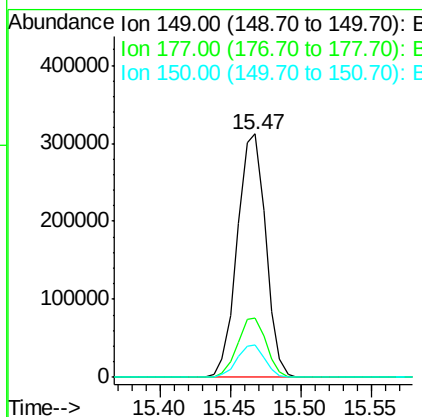
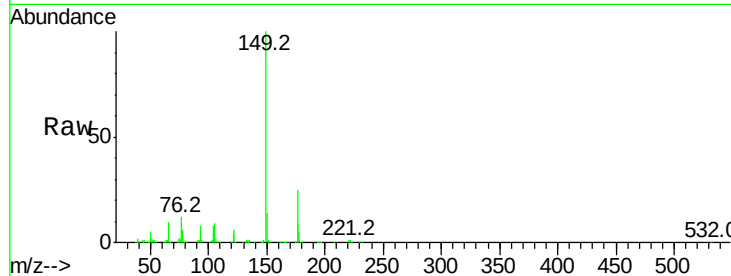
ClientSampleId :

PB111306BSD

Tot Ion:	149	Resp:	439633
Ion Ratio	Lower	Upper	
149	100		
177	24.6	18.5	27.7
150	13.5	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 42.913 ng

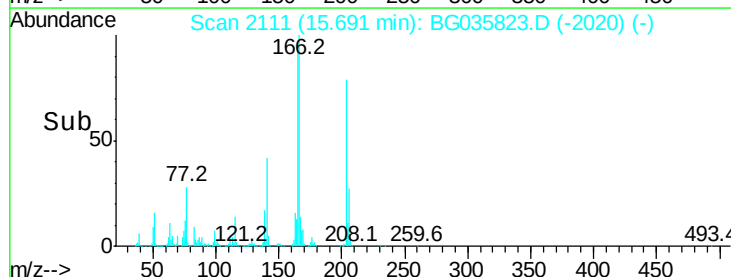
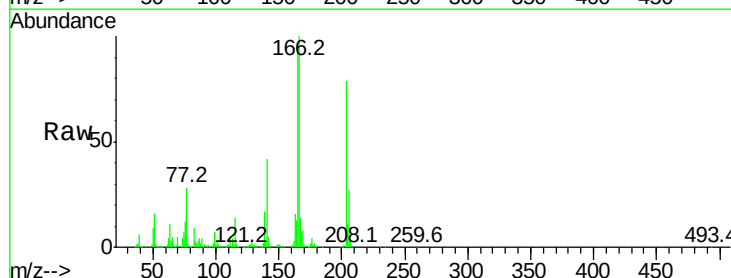
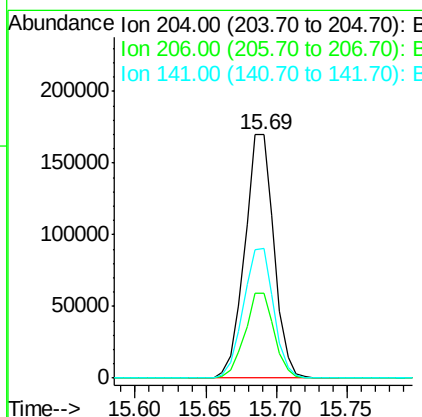
RT: 15.69 min Scan# 2111

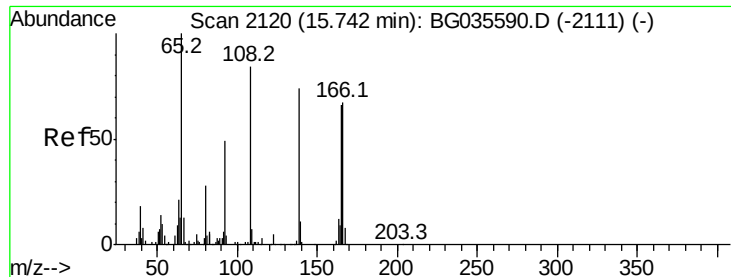
Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	204	Resp:	245755
Ion Ratio	Lower	Upper	
204	100		
206	34.6	26.2	39.2
141	53.3	45.8	68.6





#61

4-Nitroaniline

Concen: 45.444 ng

RT: 15.73 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

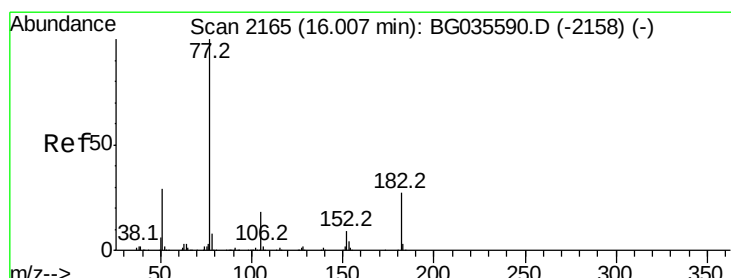
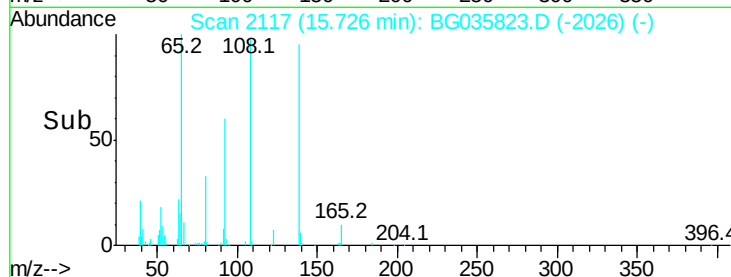
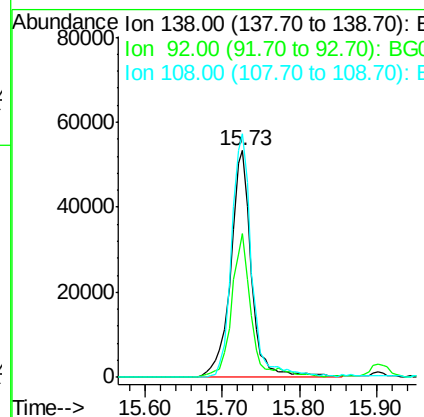
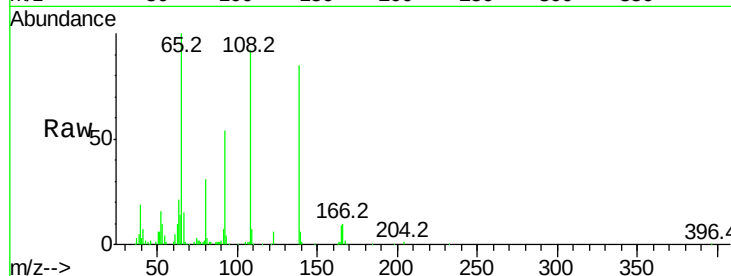
ClientSampleId :

PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	100692		
92	63.6		40.1	80.1
108	107.3		65.4	105.4#

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#62

Azobenzene

Concen: 42.358 ng

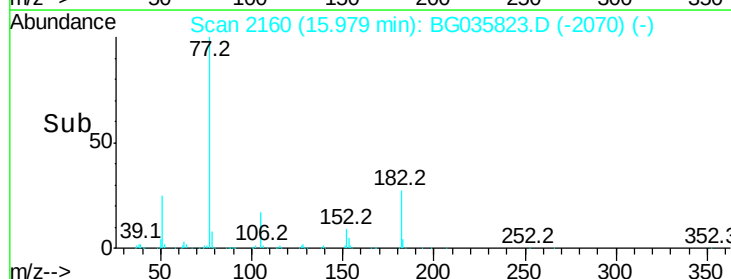
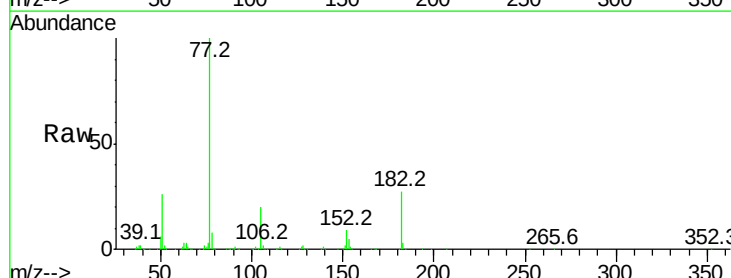
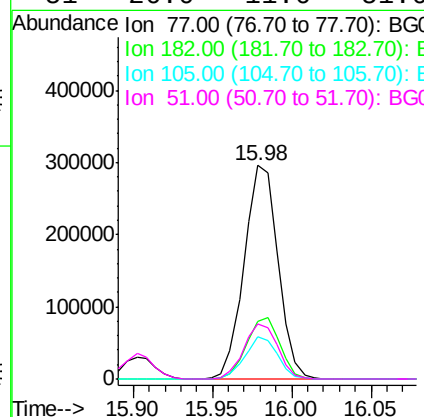
RT: 15.98 min Scan# 2160

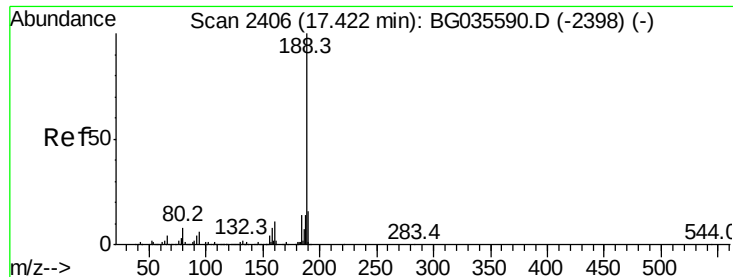
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	437241		
182	26.8		7.4	47.4
105	19.8		0.3	40.3
51	26.0		11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

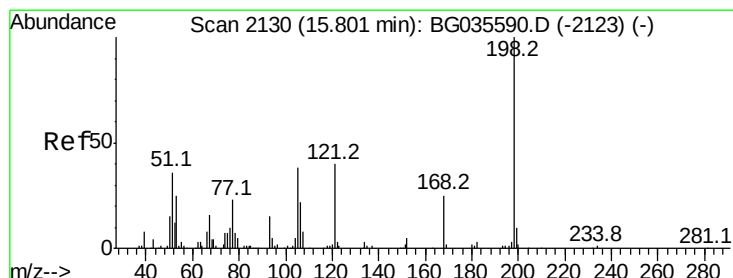
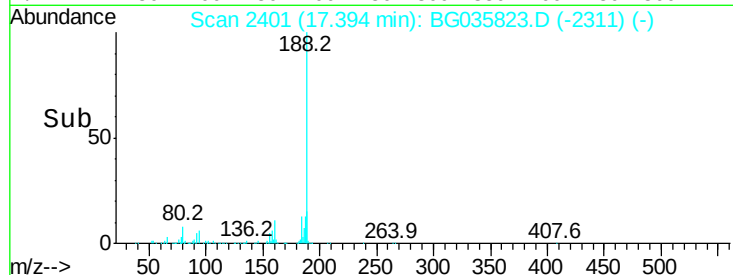
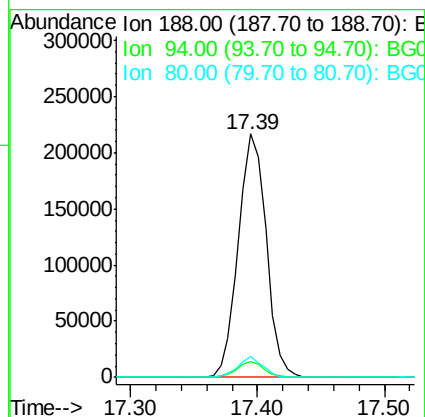
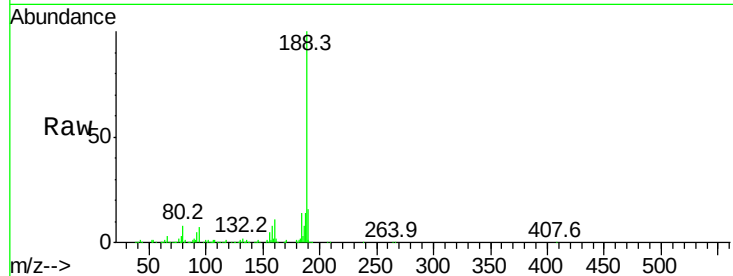
ClientSampleId :

PB111306BSD

Tot Ion:188	Resp:	331197
Ion Ratio	Lower	Upper
188 100		
94 6.6	6.9	10.3#
80 8.5	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.804 ng

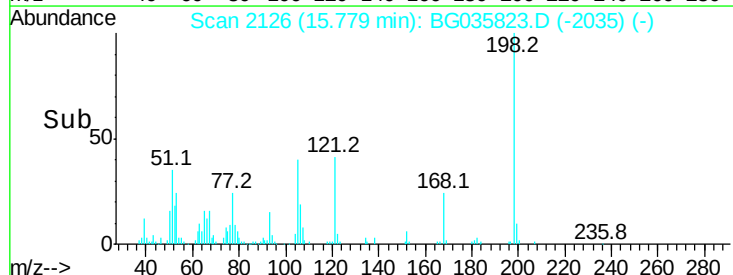
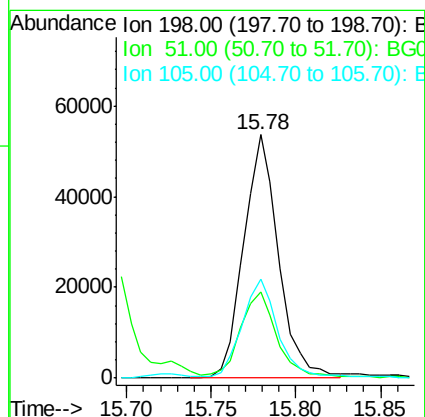
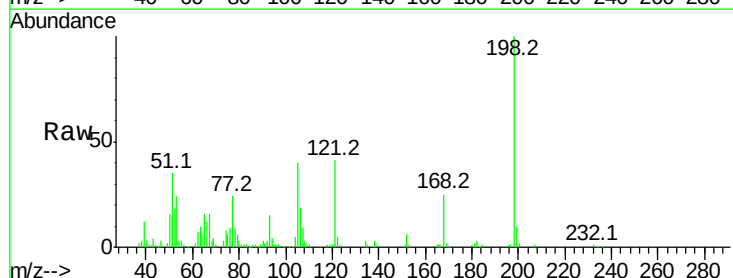
RT: 15.78 min Scan# 2126

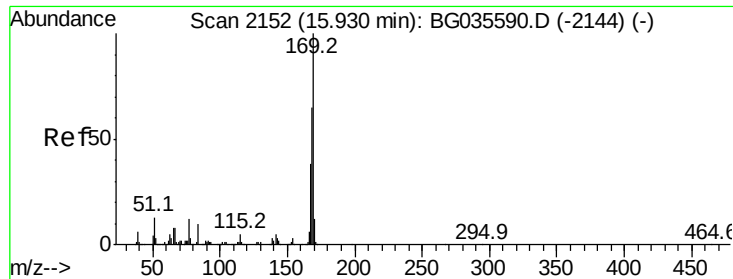
Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:198	Resp:	77073
Ion Ratio	Lower	Upper
198 100		
51 35.5	30.6	70.6
105 40.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.940 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

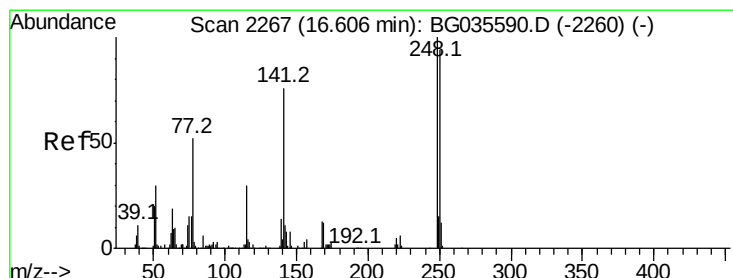
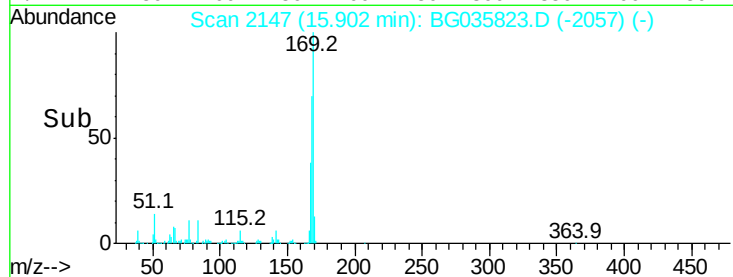
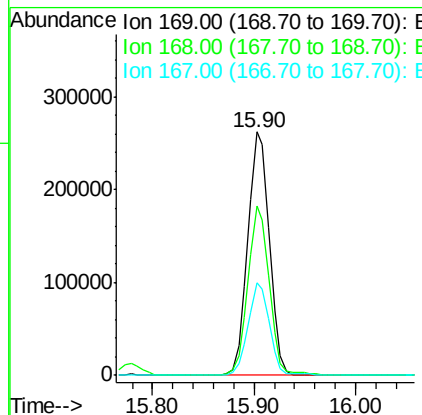
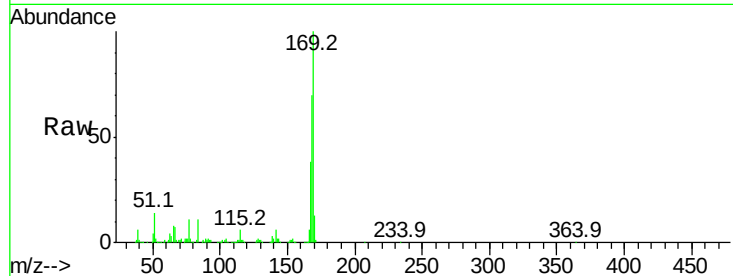
ClientSampleId :

PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	385949		
168	69.7		55.7	83.5
167	38.2		30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 44.368 ng

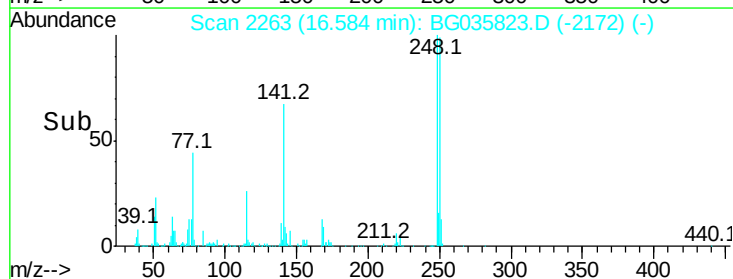
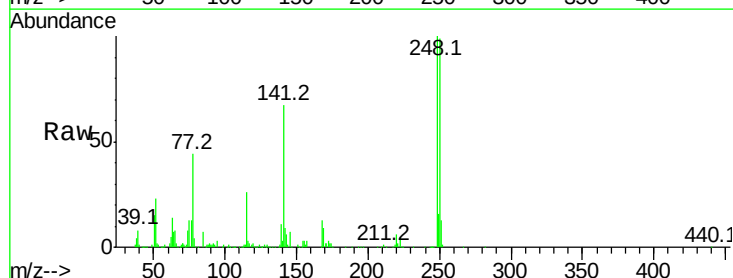
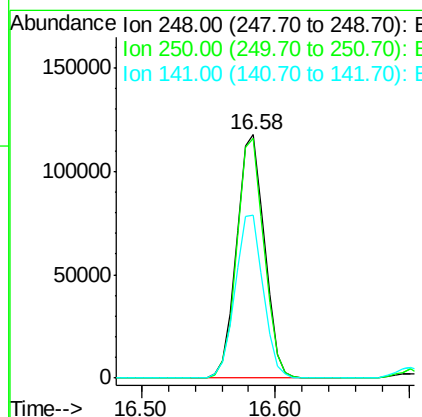
RT: 16.58 min Scan# 2263

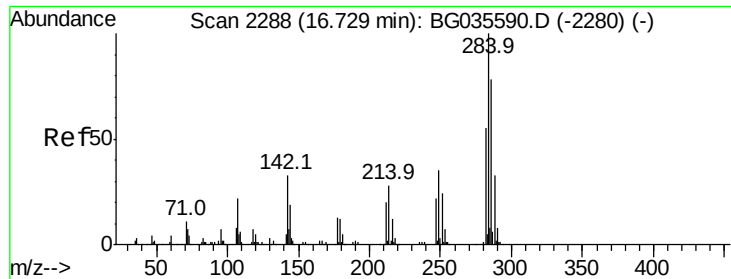
Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170483		
250	98.6		77.1	115.7
141	67.1		50.8	76.2





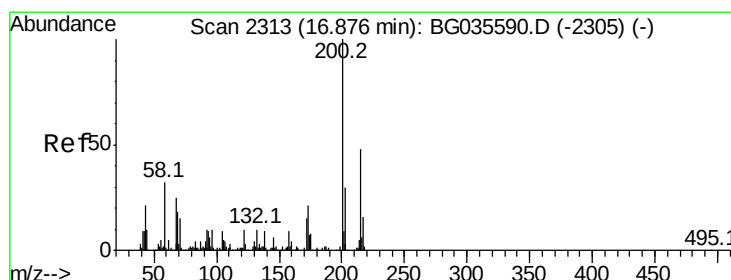
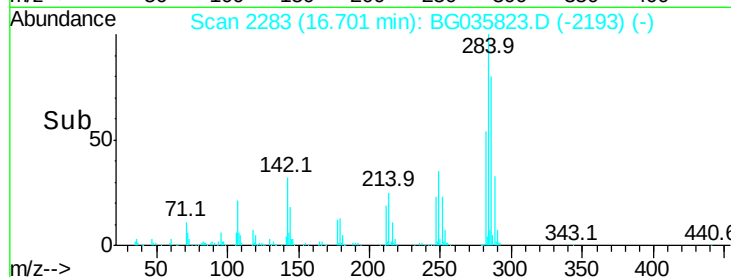
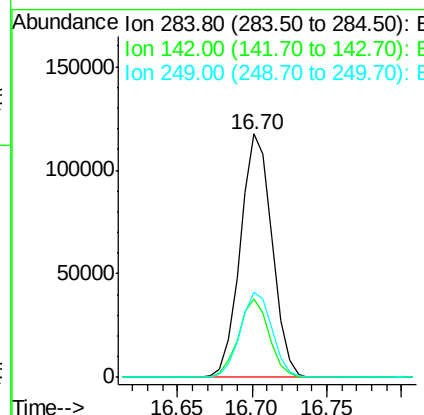
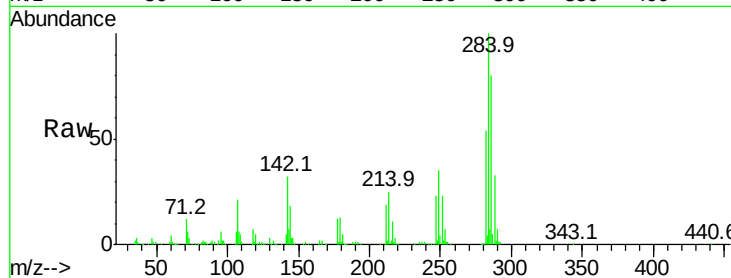
#67
Hexachlorobenzene
Concen: 43.707 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	172949		
142	32.2	26.8	40.2	
249	35.1	26.3	39.5	

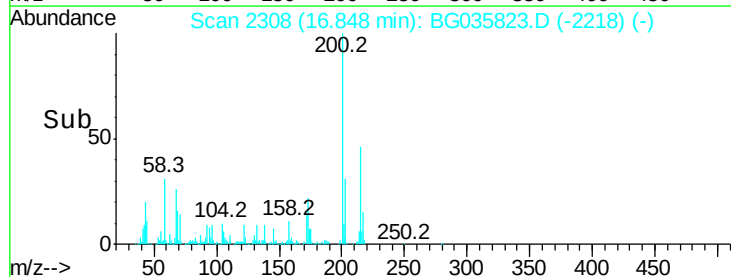
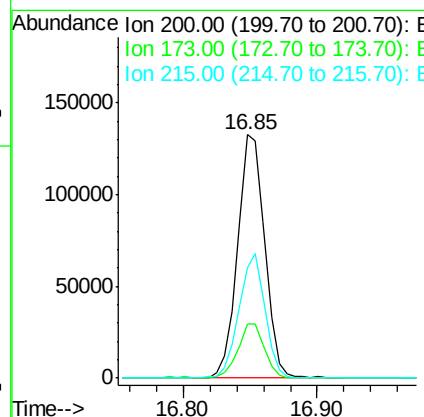
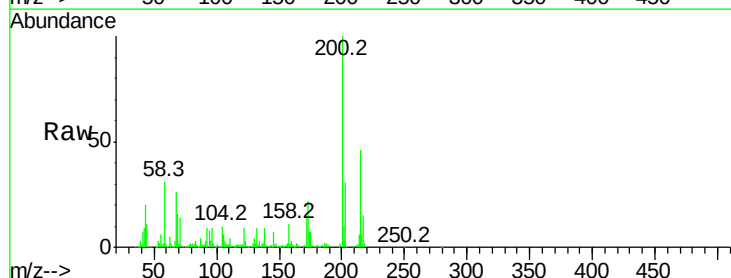
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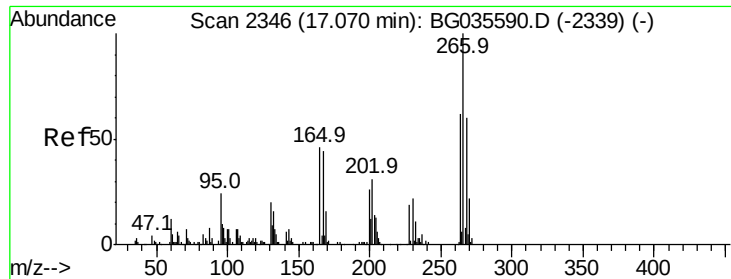
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#68
Atrazine
Concen: 48.353 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187679		
173	22.0	5.2	45.2	
215	45.6	30.4	70.4	





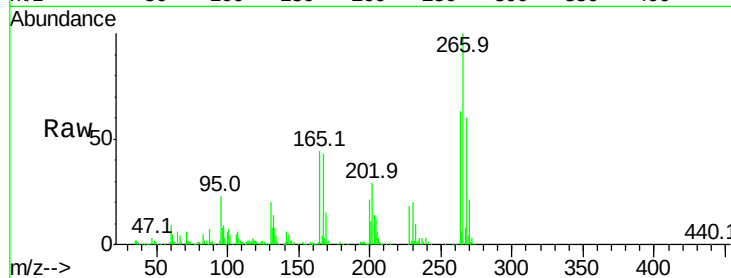
#69
 Pentachlorophenol
 Concen: 69.705 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	168002		
268	60.0		51.1	76.7
264	63.2		49.6	74.4

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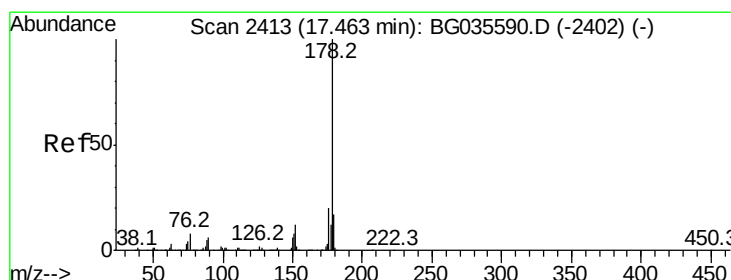
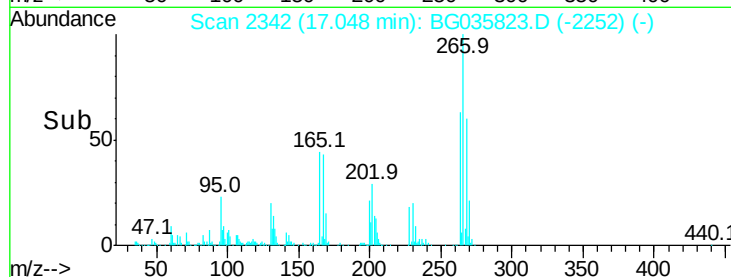
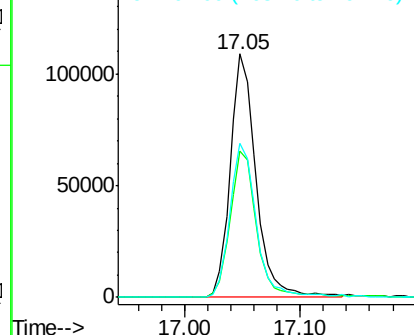


Abundance

Ion 265.70 (265.40 to 266.40): E

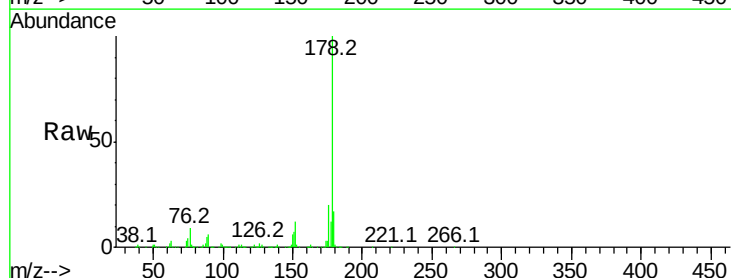
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.594 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	720435		
176	19.8		15.7	23.5
179	16.5		12.5	18.7

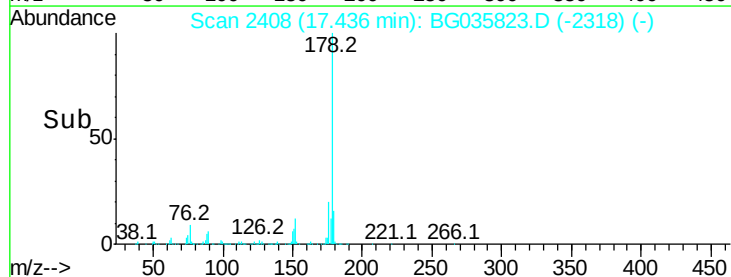
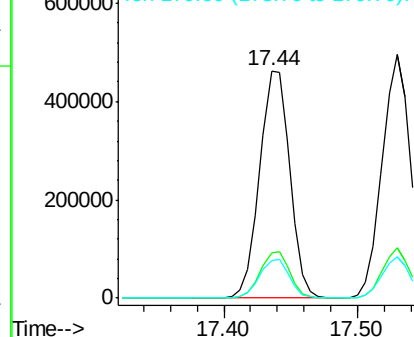


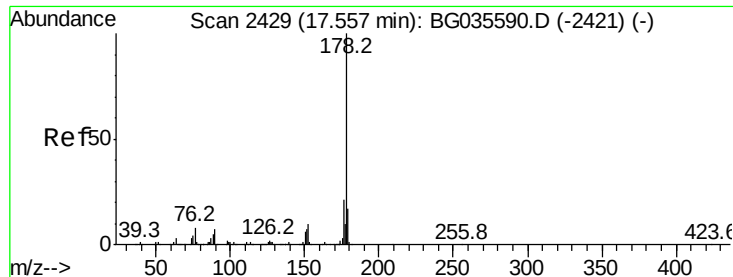
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





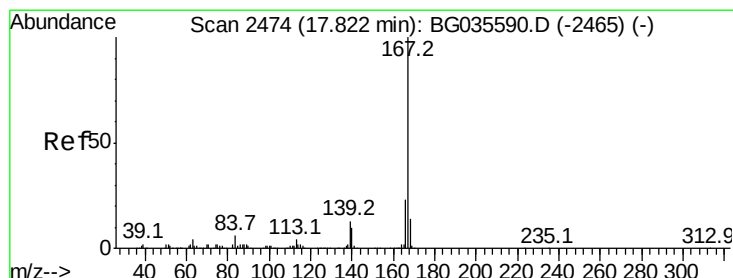
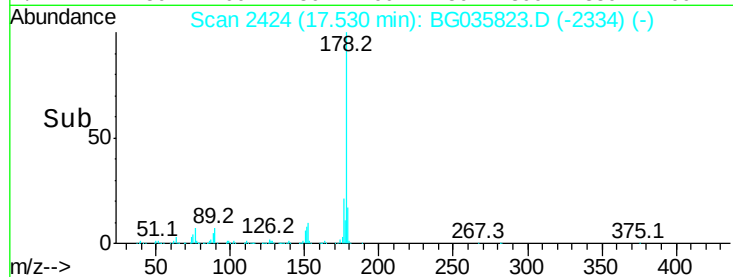
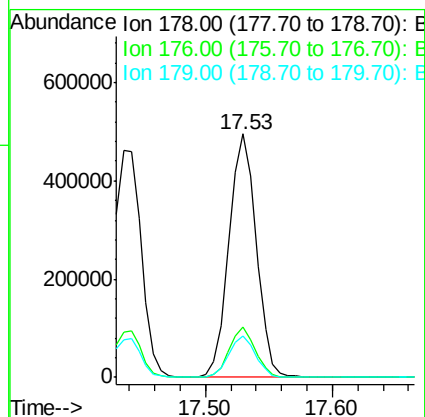
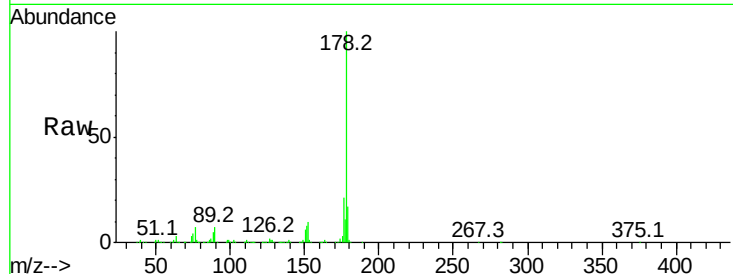
#71
 Anthracene
 Concen: 44.649 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.0	24.0
179	17.0	12.5	18.7

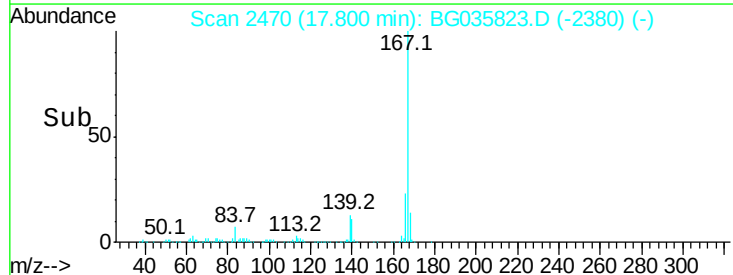
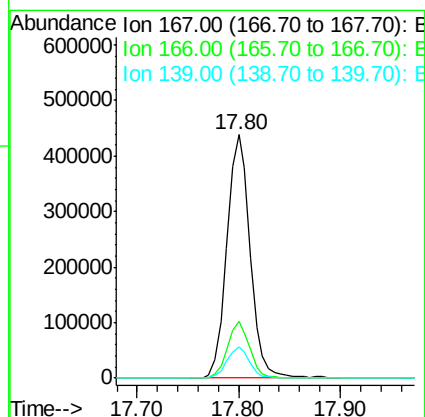
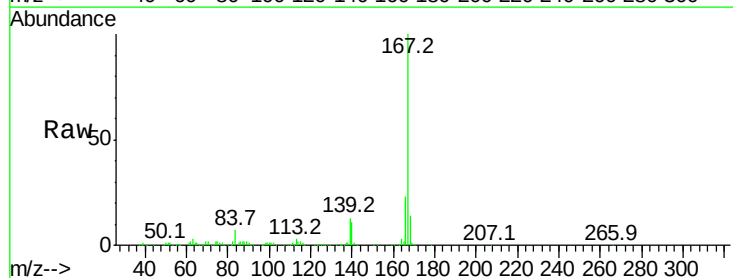
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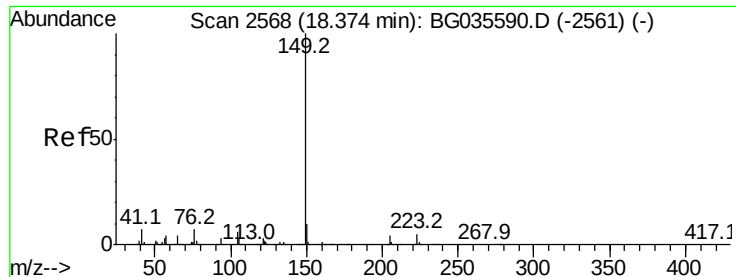
Sohil
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#72
 Carbazole
 Concen: 44.621 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.384 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

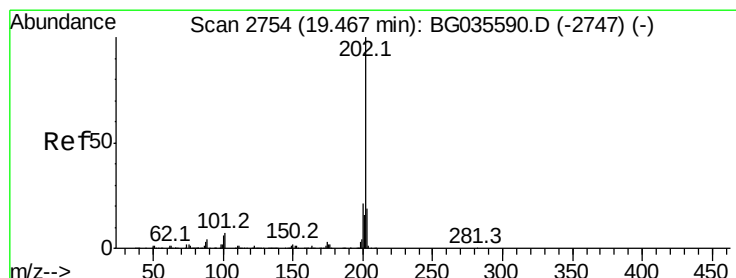
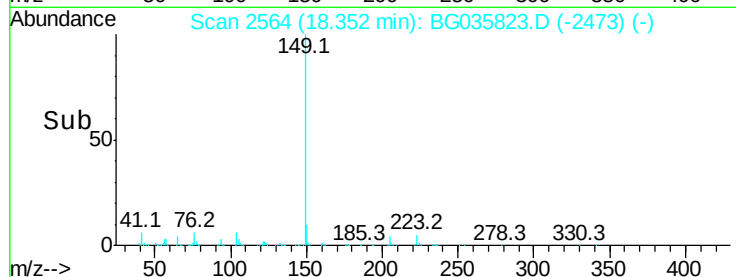
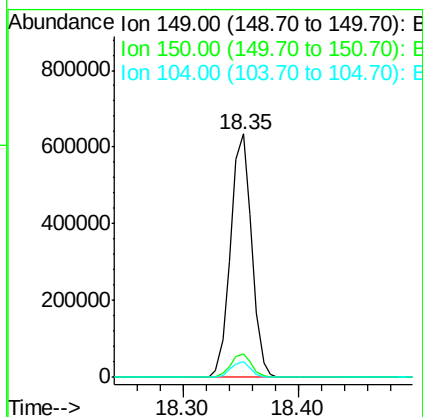
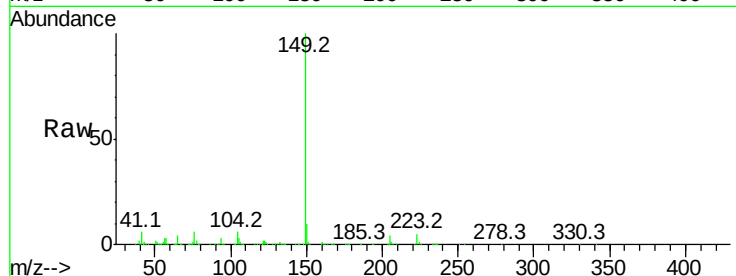
ClientSampleId :

PB111306BSD

Tot Ion:	149	Resp:	801196
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.2	3.9	5.9#

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#74

Fluoranthene

Concen: 44.516 ng

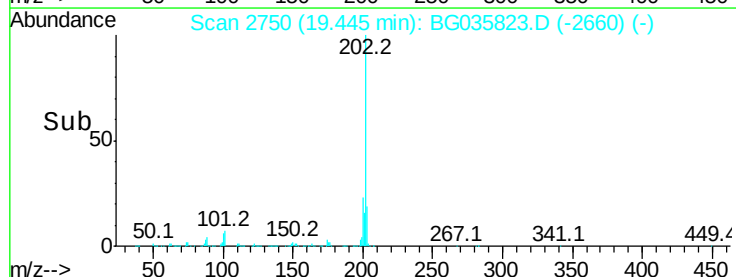
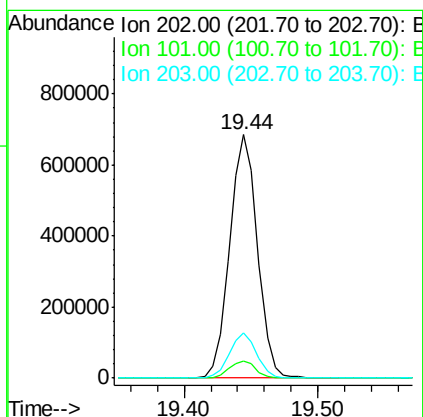
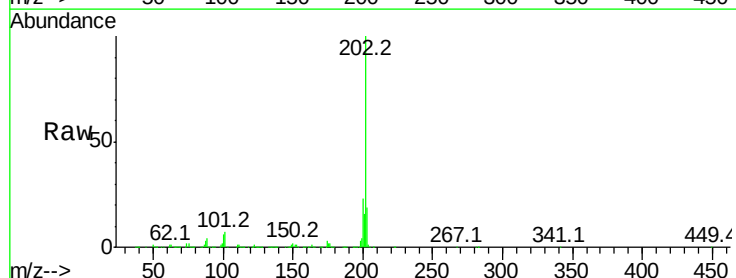
RT: 19.44 min Scan# 2750

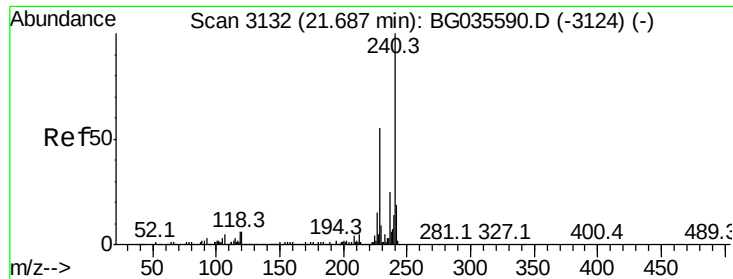
Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion:	202	Resp:	990958
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

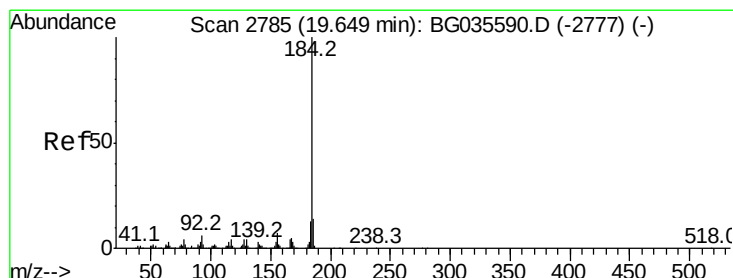
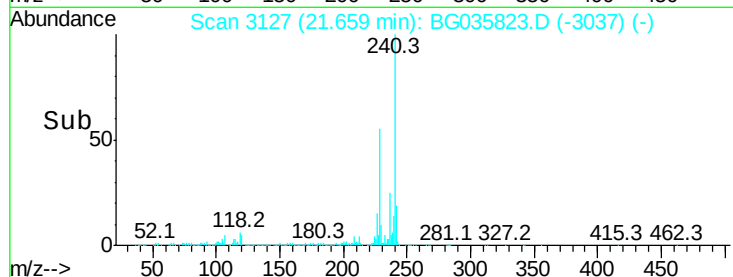
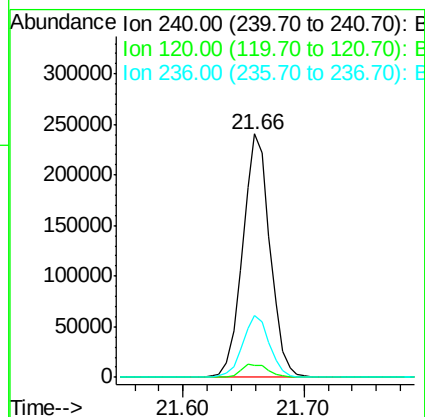
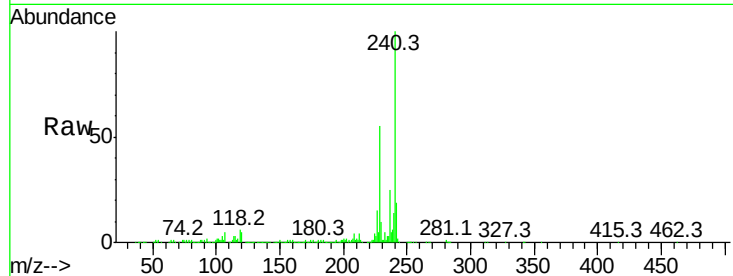
ClientSampleId :

PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	379319		
120	5.2	6.8	10.2#	
236	25.1	20.9	31.3	

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#76

Benzidine

Concen: 26.600 ng

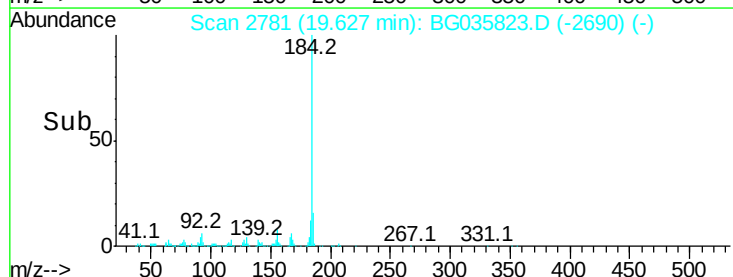
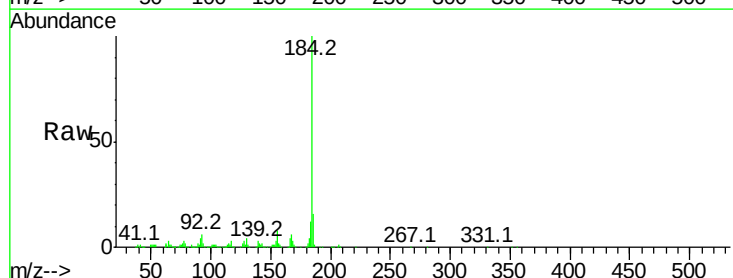
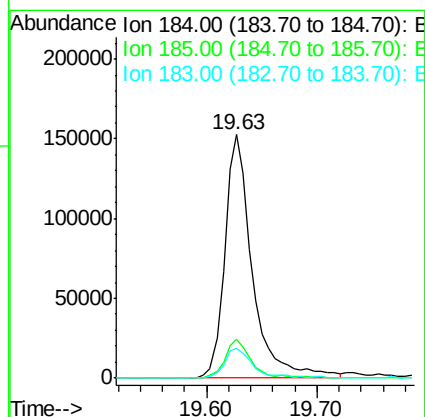
RT: 19.63 min Scan# 2781

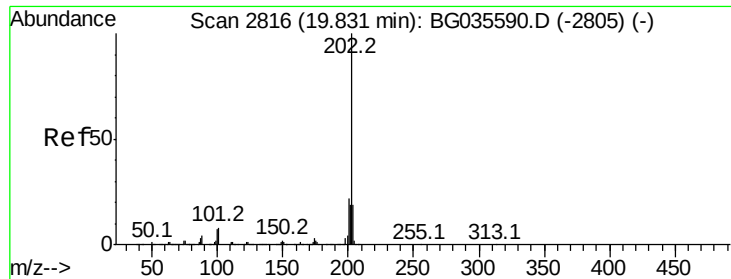
Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	265267		
185	15.8	11.1	16.7	
183	12.2	10.6	16.0	





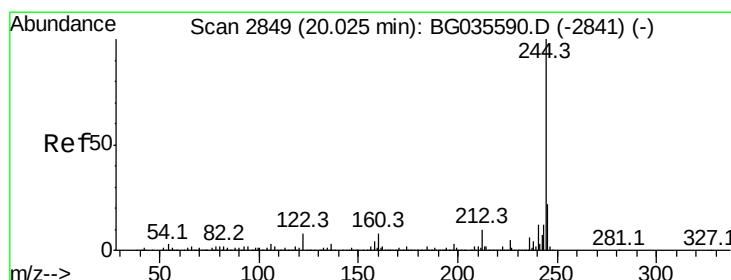
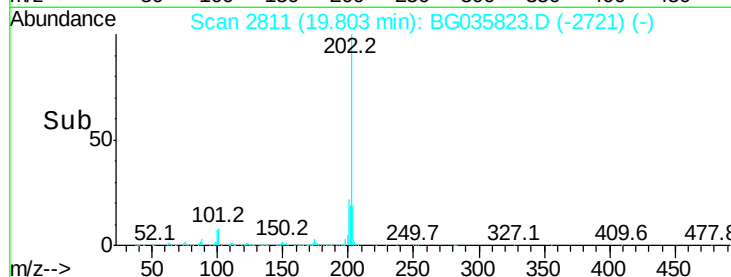
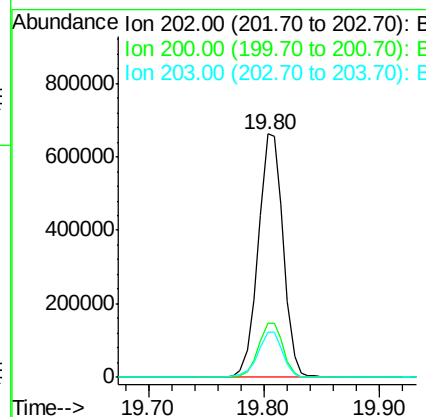
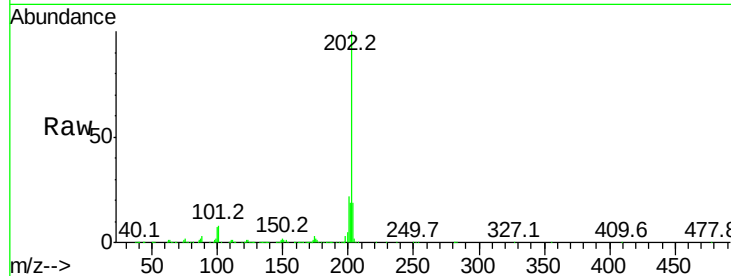
#77
Pvrene
Concen: 41.590 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.5	13.9	20.9

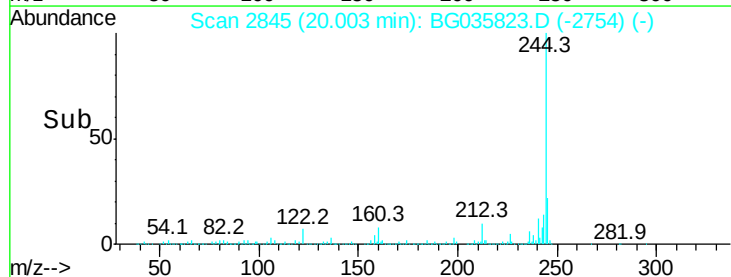
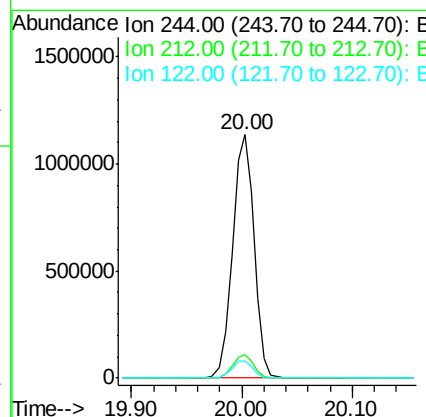
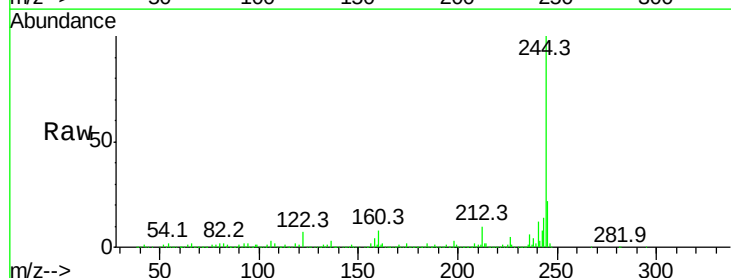
Manual Integrations
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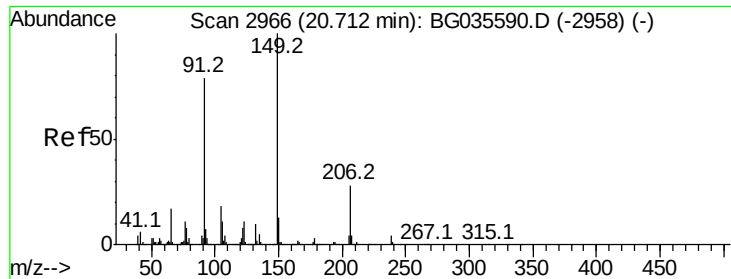
Sohil
7/24/2018 3:05:45 PM



#78
Terphenyl-d14
Concen: 89.772 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.0	7.0	10.4#





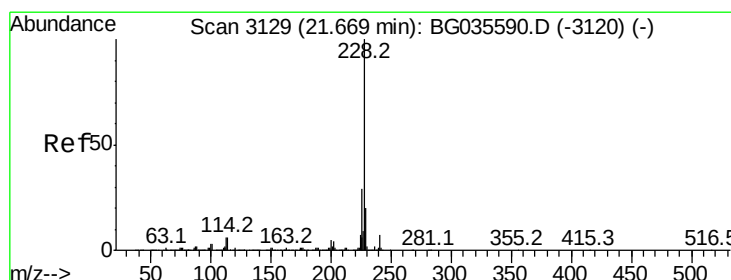
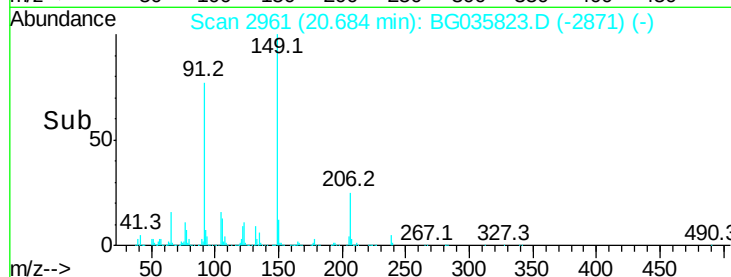
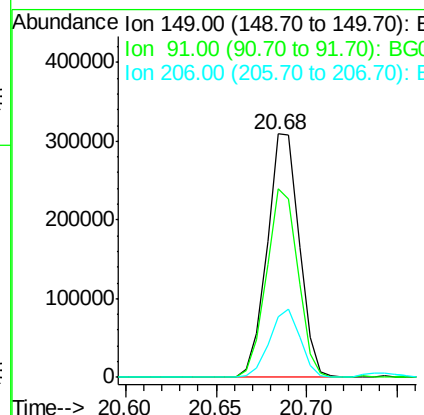
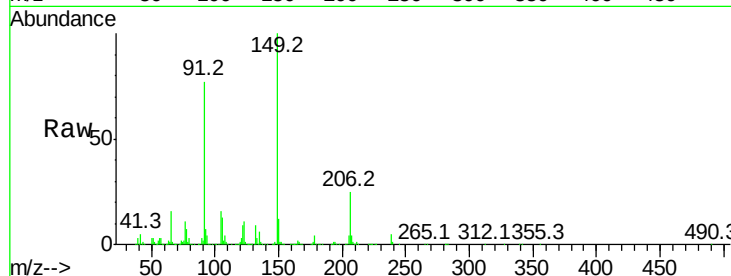
#79
Butylbenzylphthalate
Concen: 44.493 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.3	62.2	93.2
206	24.8	18.6	27.8

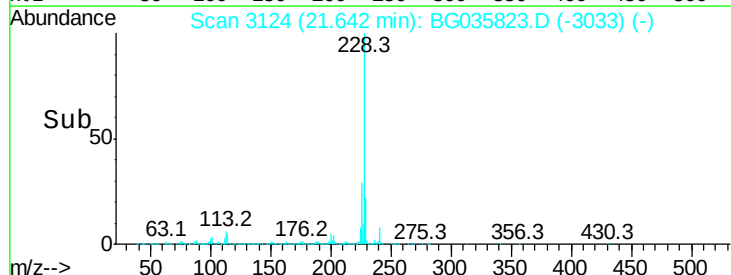
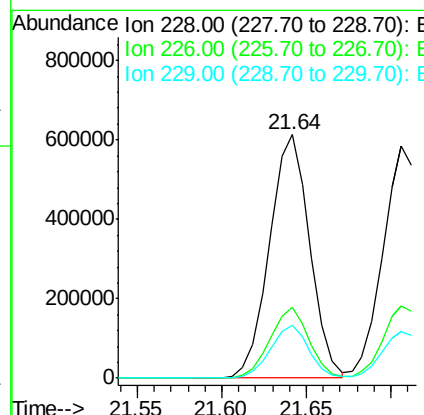
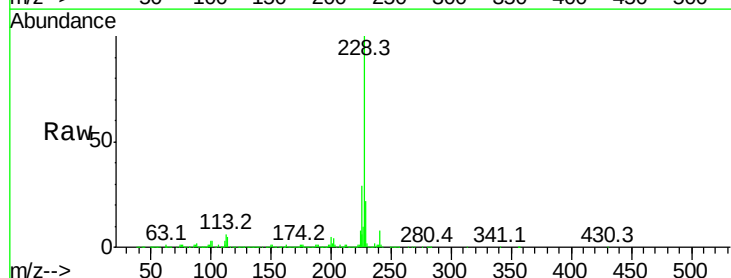
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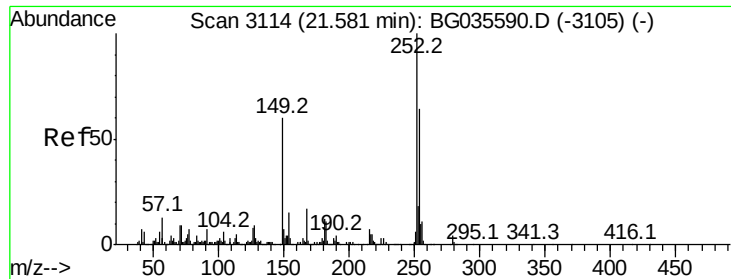
Sohil
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#80
Benzo(a)anthracene
Concen: 42.804 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.6	16.2	24.2





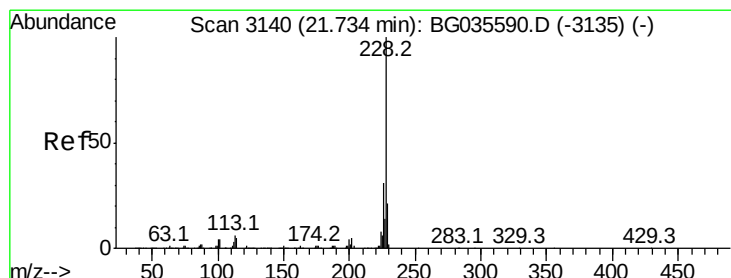
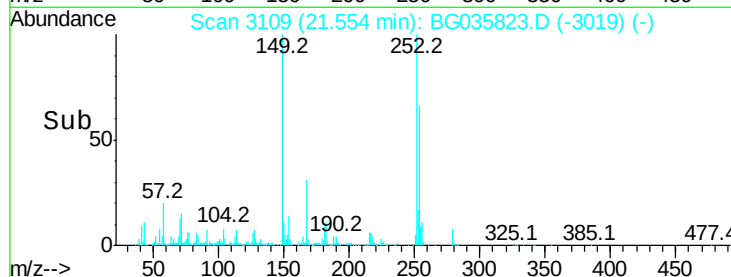
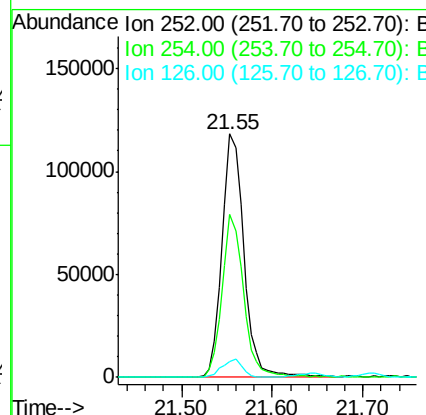
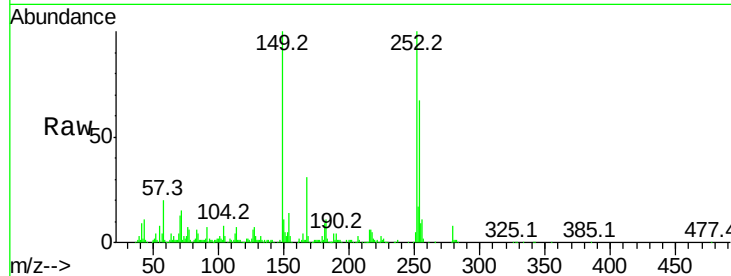
#81
 3,3'-Dichlorobenzidine
 Concen: 24.164 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.9	50.8	76.2
126	6.5	7.4	11.2#

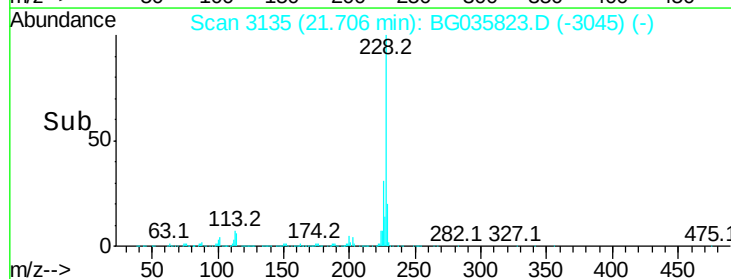
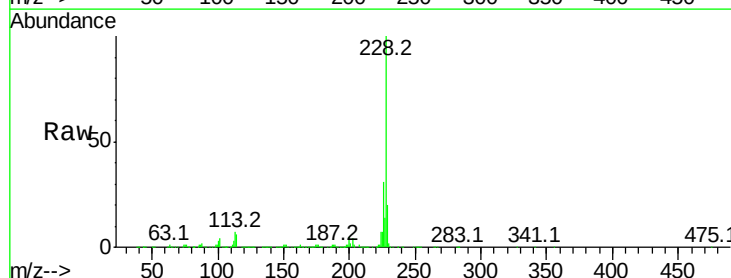
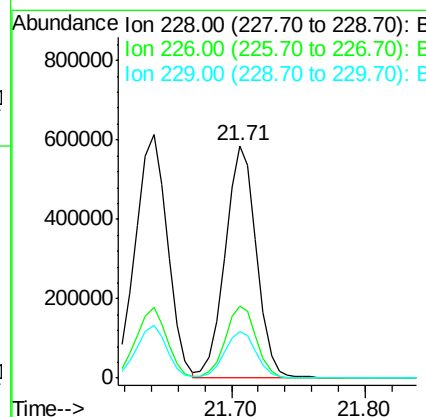
Manual Integrations
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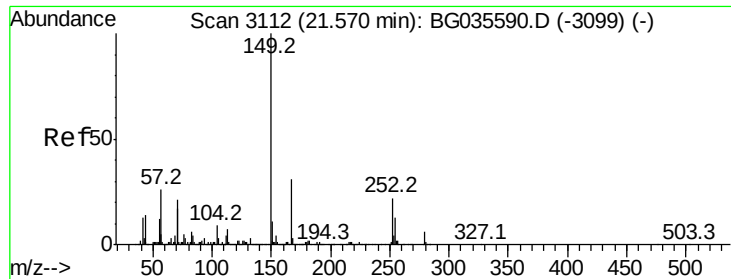
Sohil
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#82
 Chrysene
 Concen: 43.789 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.1	15.0	22.4





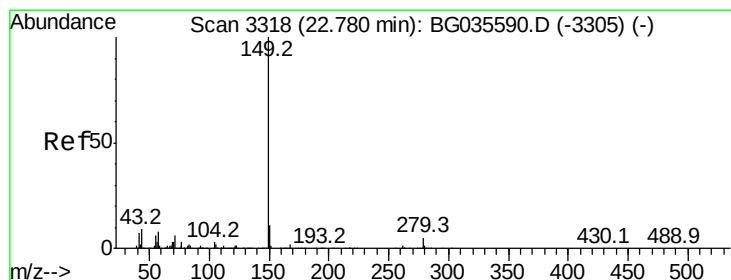
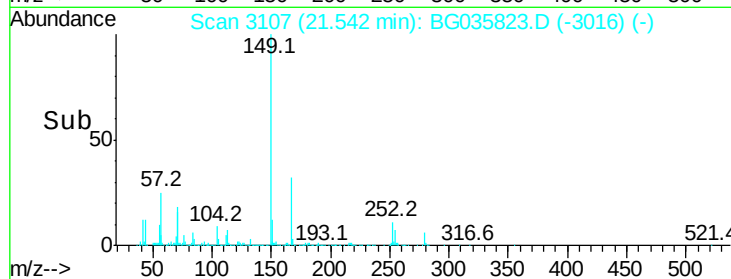
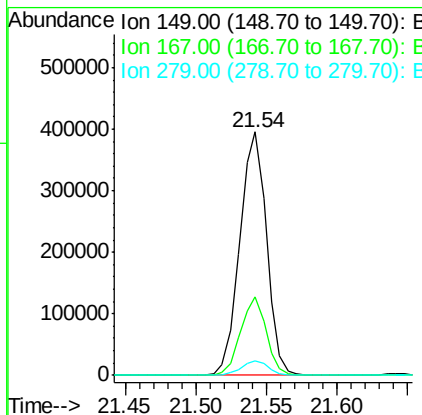
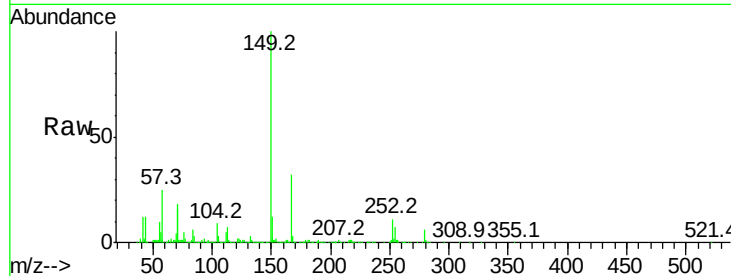
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.803 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	32.1	24.3	36.5	
279	6.1	4.0	6.0	

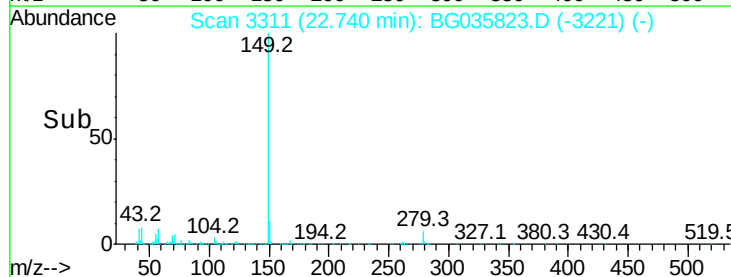
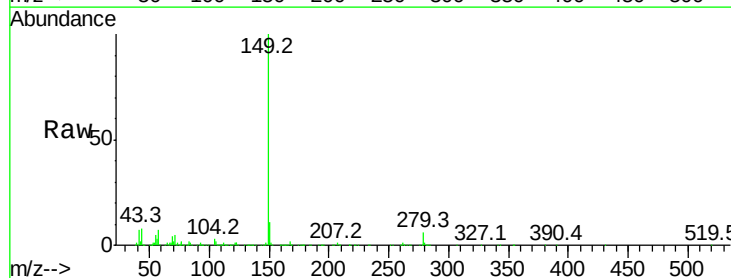
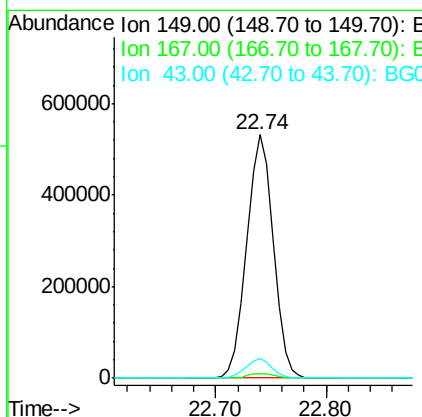
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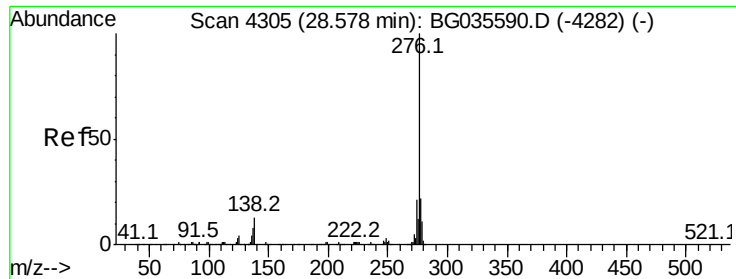
Sohil
 7/24/2018 3:05:45 PM



#84
 Di-n-octyl phthalate
 Concen: 46.070 ng
 RT: 22.74 min Scan# 3311
 Delta R.T. -0.00 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.0	
43	7.9	8.9	13.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.744 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111306BSD

Tot Ion:276 Resp: 1085110

Ion Ratio Lower Upper

276 100

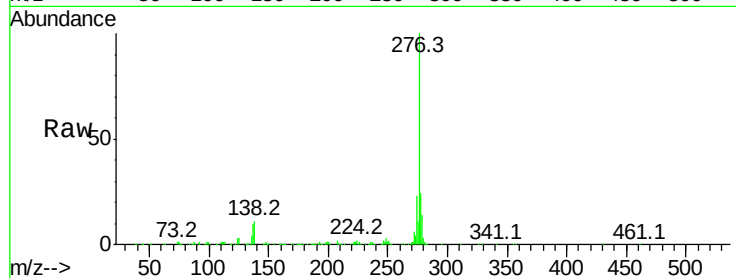
138 8.0 16.0 24.0#

277 26.4 20.0 30.0

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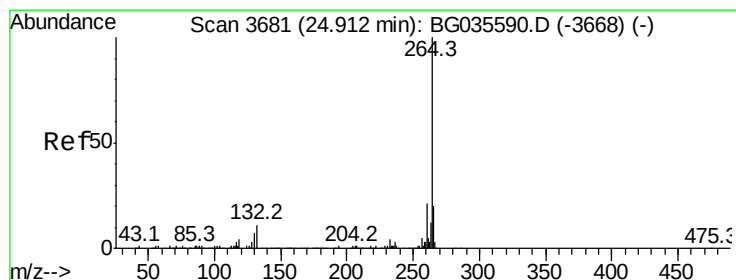
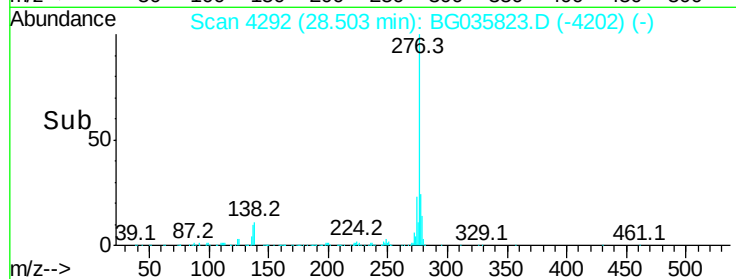
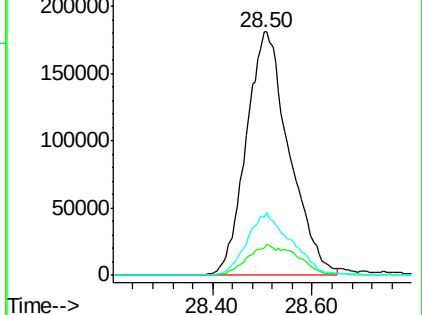
7/24/2018 3:05:45 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

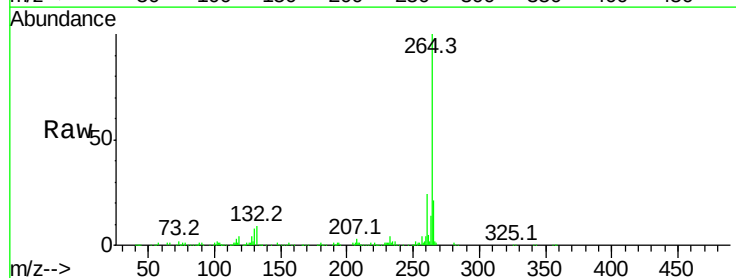
Tgt Ion:264 Resp: 372633

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

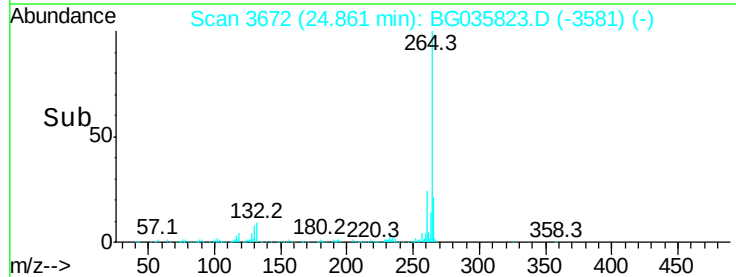
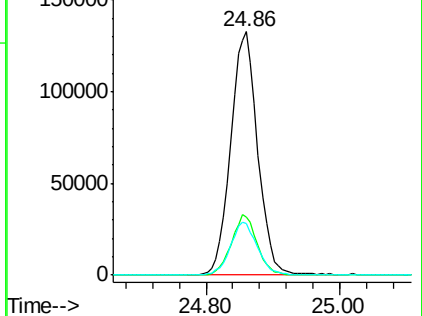
265 21.0 17.7 26.5

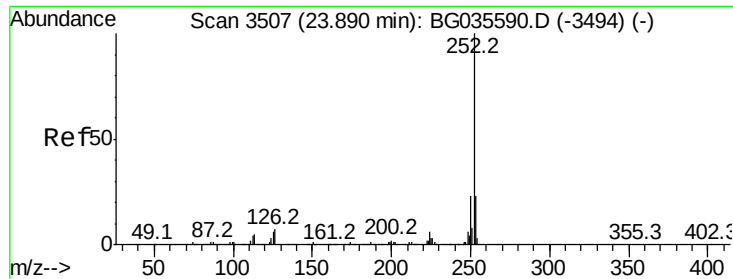


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.390 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

Instrument :

BNA_G

ClientSampleId :

PB111306BSD

Tot Ion:252 Resp: 1005367

Ion Ratio Lower Upper

252 100

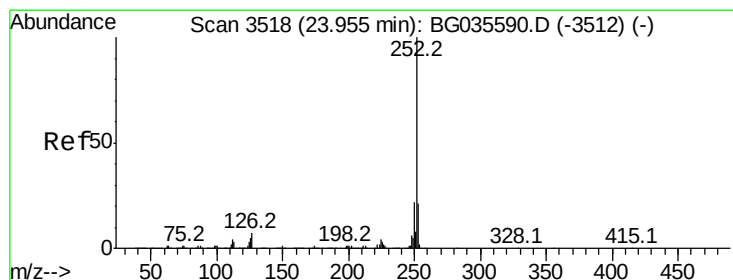
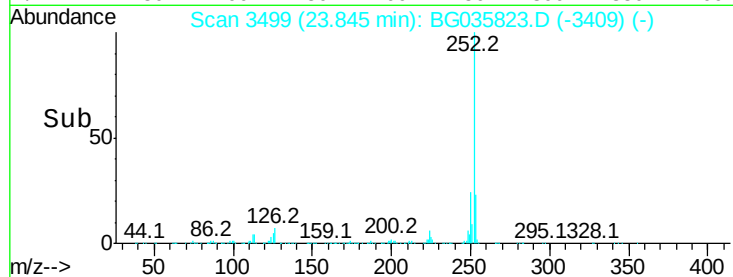
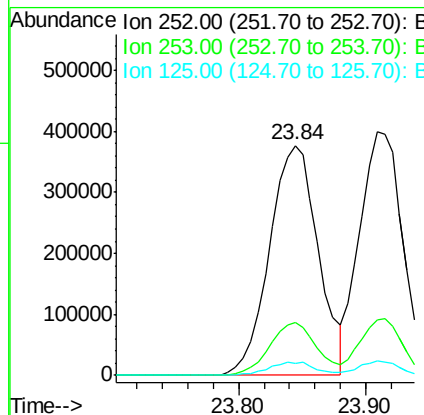
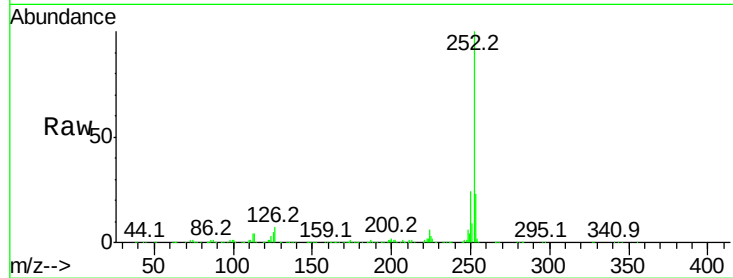
253 23.1 18.2 27.4

125 5.3 7.2 10.8#

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#88

Benzo(k)fluoranthene

Concen: 42.681 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG035823.D

Acq: 23 Jul 2018 12:05

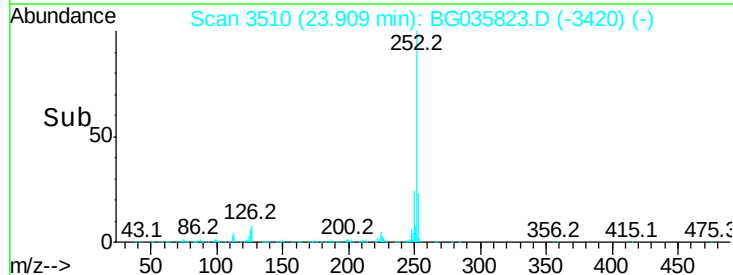
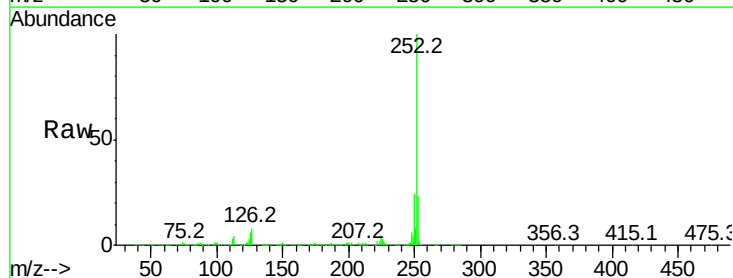
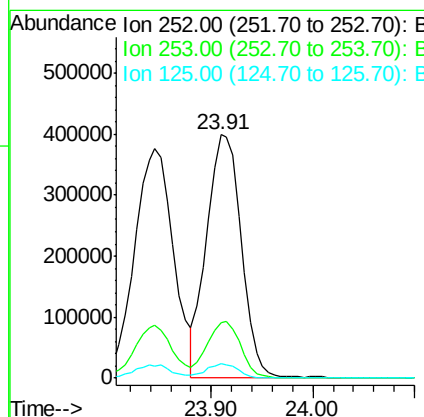
Tgt Ion:252 Resp: 945054

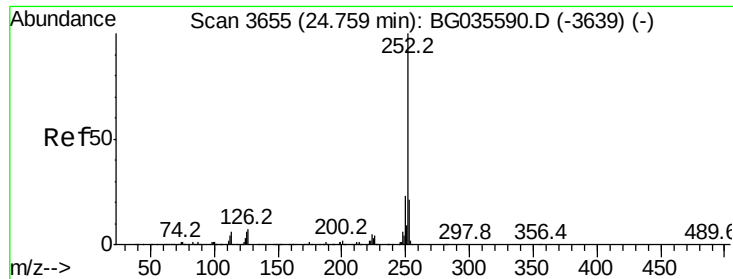
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 5.8 6.6 9.8#





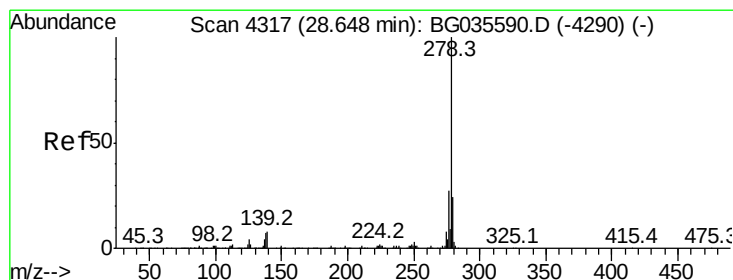
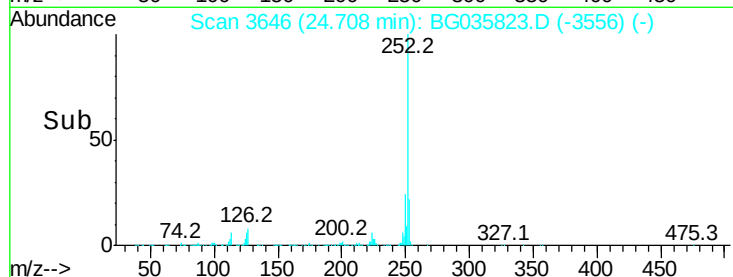
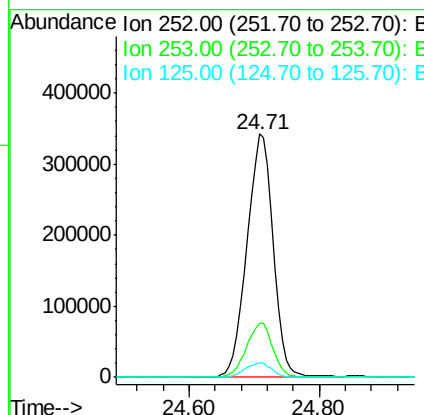
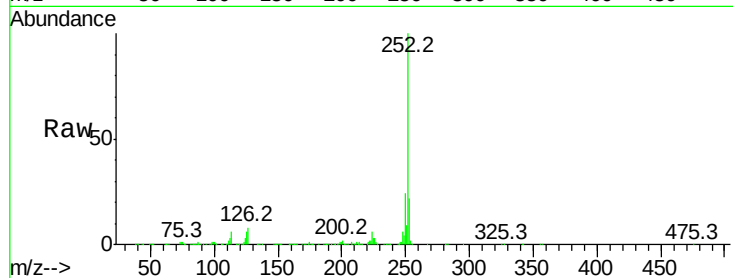
#89
Benzo(a)pyrene
Concen: 45.410 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Instrument :
BNA_G
ClientSampleId :
PB111306BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.8	7.3	10.9#

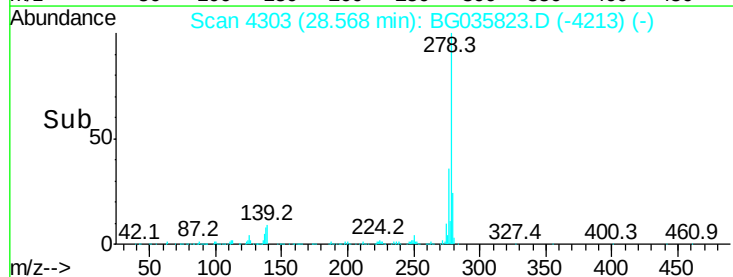
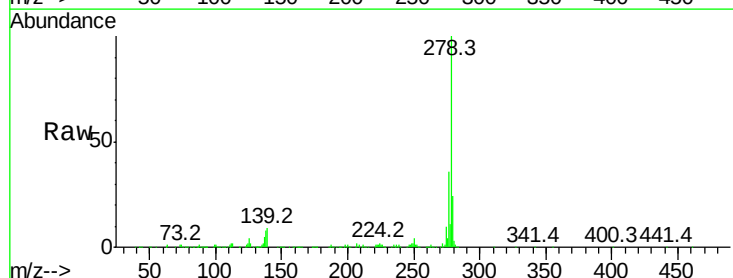
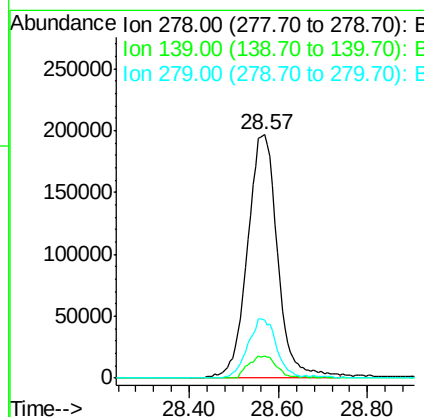
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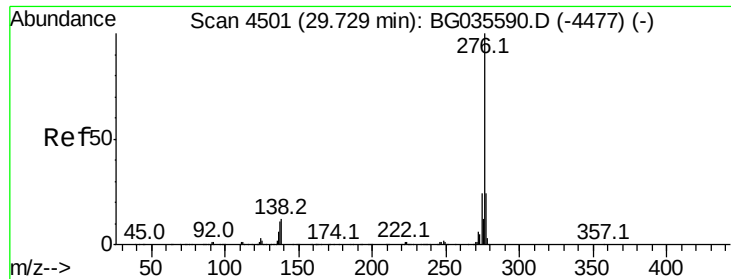
Sohil
7/24/2018 3:05:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.074 ng
RT: 28.57 min Scan# 4303
Delta R.T. -0.00 min
Lab File: BG035823.D
Acq: 23 Jul 2018 12:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.804 ng
 RT: 29.64 min Scan# 4486
 Delta R.T. -0.01 min
 Lab File: BG035823.D
 Acq: 23 Jul 2018 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	12.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/24/2018 3:05:45 PM

