

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035696.D
 Acq On : 17 Jul 2018 23:47
 Operator : JU/SJ
 Sample : PB111100BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Manual Integrations
 APPROVED

Quant Time: Jul 18 04:23:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47597	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	171104	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	126239	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	327182	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	356865	20.00	ng	-0.01
86) Perylene-d12	24.88	264	353117	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	417705	145.70	ng	0.00
7) Phenol-d6	7.21	99	608447	142.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	388535	94.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	247624	148.82	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	867329	92.05	ng	-0.02
78) Terphenyl-d14	20.01	244	1491750	92.14	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	52299	35.842	ng	# 74
3) Pyridine	3.93	79	142974	37.533	ng	# 73
4) n-Nitrosodimethylamine	3.85	42	62827	38.412	ng	# 71
6) Aniline	7.37	93	170264	30.711	ng	98
8) 2-Chlorophenol	7.61	128	139463	47.831	ng	93
9) Benzaldehyde	7.18	77	92691	35.318	ng	95
10) Phenol	7.24	94	207485	48.013	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	140365	41.476	ng	89
12) 1,3-Dichlorobenzene	7.93	146	154876	43.985	ng	95
13) 1,4-Dichlorobenzene	8.08	146	158948	44.429	ng	93
14) 1,2-Dichlorobenzene	8.39	146	152678	44.424	ng	99
15) Benzyl Alcohol	8.28	79	160574	41.340	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	163962	57.788	ng	79
17) 2-Methylphenol	8.49	107	139448	47.462	ng	93
18) Hexachloroethane	9.12	117	58968	43.109	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	130548	36.244	ng	# 85
20) 3+4-Methylphenols	8.82	107	191420	46.963	ng	93
22) Acetophenone	8.86	105	239715	45.052	ng	# 89
24) Nitrobenzene	9.25	77	194921	47.320	ng	98
25) Isophorone	9.76	82	370347	48.709	ng	99
26) 2-Nitrophenol	9.96	139	80887	55.291	ng	# 93
27) 2,4-Dimethylphenol	10.02	122	144182	58.224	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	201575	48.113	ng	94
29) 2,4-Dichlorophenol	10.50	162	157908	55.862	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	170604	49.218	ng	95
31) Naphthalene	10.90	128	421313	47.270	ng	98
32) Benzoic acid	10.14	122	23588m	14.150	ng	
33) 4-Chloroaniline	11.00	127	92285	23.756	ng	97
34) Hexachlorobutadiene	11.18	225	130525	48.290	ng	98
35) Caprolactam	11.78	113	56431m	46.519	ng	
36) 4-Chloro-3-methylphenol	12.12	107	192937	50.920	ng	95
37) 2-Methylnaphthalene	12.49	142	332650	50.096	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	223160	46.836	ng	99
40) Hexachlorocyclopentadiene	12.84	237	299621	119.905	ng	94

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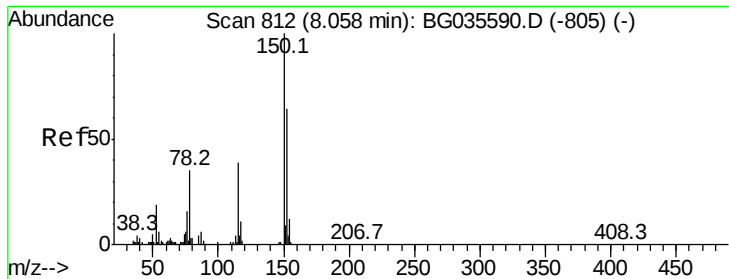
Instrument :
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Manual Integrations
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Quant Time: Jul 18 04:23:34 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	146408	52.544	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	159050	51.024	ng	97
45) 1,1'-Biphenyl	13.50	154	454598	46.448	ng	96
46) 2-Chloronaphthalene	13.54	162	359153	47.177	ng	98
47) 2-Nitroaniline	13.75	65	121929	45.303	ng	# 87
48) Acenaphthylene	14.39	152	581831	45.625	ng	98
49) Dimethylphthalate	14.12	163	502505	45.433	ng	99
50) 2,6-Dinitrotoluene	14.24	165	112711	50.042	ng	# 88
51) Acenaphthene	14.73	154	347016	43.683	ng	99
52) 3-Nitroaniline	14.57	138	69779	30.312	ng	# 92
54) Dibenzofuran	15.06	168	572919	45.347	ng	92
55) 4-Nitrophenol	14.89	139	156382	95.389	ng	# 87
56) 2,4-Dinitrotoluene	15.03	165	164787	50.998	ng	# 85
57) Fluorene	15.71	166	476933	45.040	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	150884	50.485	ng	94
59) Diethylphthalate	15.47	149	490368	43.117	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	272258	43.745	ng	96
61) 4-Nitroaniline	15.74	138	114282	47.459	ng	# 86
62) Azobenzene	15.99	77	500874	44.649	ng	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	13323	7.315	ng	82
65) n-Nitrosodiphenylamine	15.91	169	433639	46.564	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	182875	48.177	ng	100
67) Hexachlorobenzene	16.71	284	188606	48.249	ng	95
68) Atrazine	16.87	200	198600	51.795	ng	93
69) Pentachlorophenol	17.07	266	66209	27.808	ng	95
70) Phenanthrene	17.45	178	765074	46.863	ng	98
71) Anthracene	17.54	178	788030	48.476	ng	97
72) Carbazole	17.81	167	725832	47.016	ng	98
73) Di-n-butylphthalate	18.36	149	826051	45.279	ng	# 97
74) Fluoranthene	19.46	202	1013120	46.070	ng	96
76) Benzidine	19.64	184	447482	47.695	ng	97
77) Pyrene	19.82	202	1013067	44.896	ng	98
79) Butylbenzylphthalate	20.70	149	386012	47.837	ng	97
80) Benzo(a)anthracene	21.65	228	1032123	46.411	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	243371	31.386	ng	# 99
82) Chrysene	21.72	228	981100	47.607	ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	533911	48.669	ng	98
84) Di-n-octyl phthalate	22.76	149	928895	50.571	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.54	276	1152918	50.531	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	1015022	47.293	ng	# 97
88) Benzo(k)fluoranthene	23.93	252	988411	47.107	ng	# 97
89) Benzo(a)pyrene	24.74	252	994751	49.820	ng	# 96
90) Dibenzo(a,h)anthracene	28.60	278	960418	48.995	ng	# 97
91) Benzo(g,h,i)perylene	29.70	276	964914	50.304	ng	# 93

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



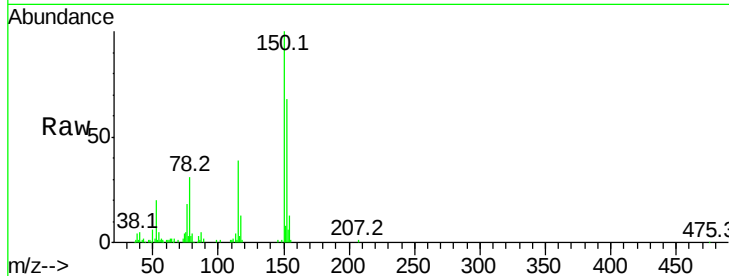
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

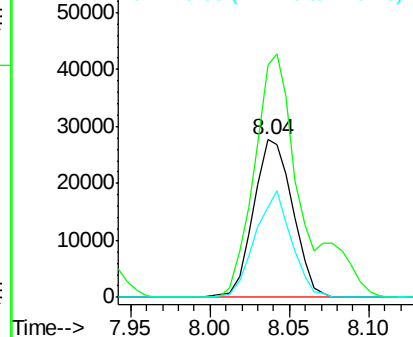
Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	57.2	53.0	79.4

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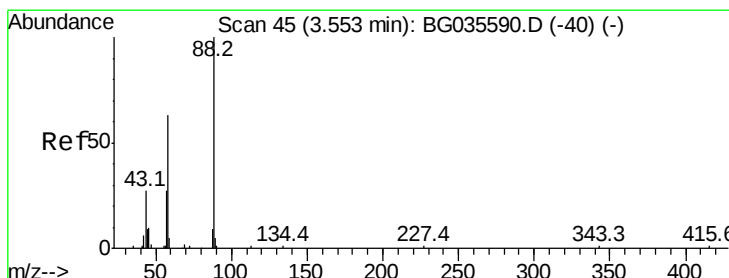
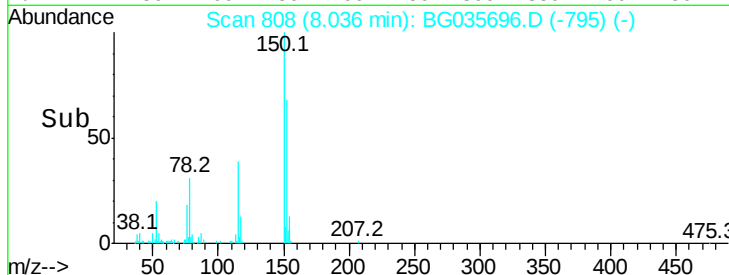


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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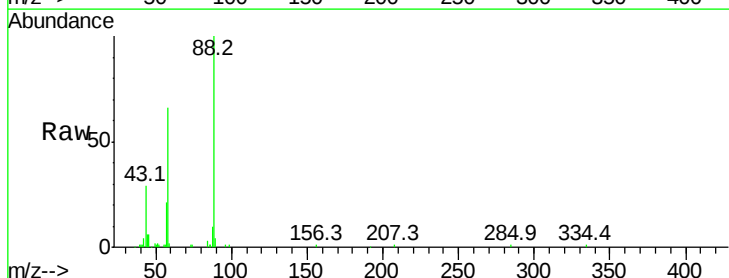
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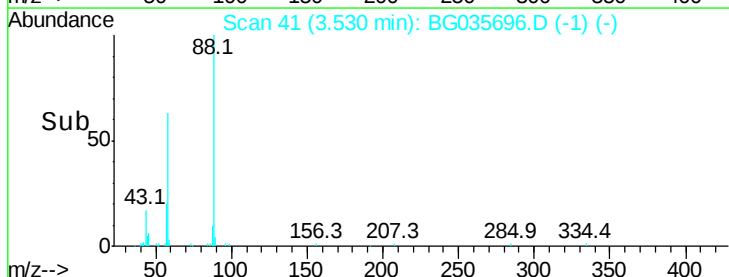
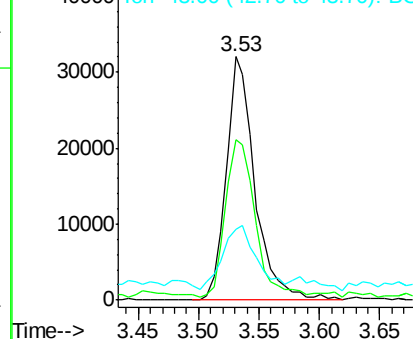
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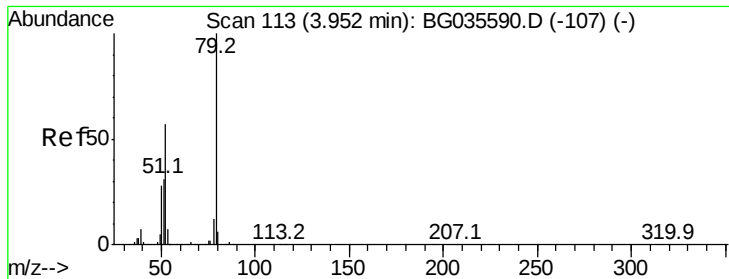
1,4-Dioxane
Concen: 35.842 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	79.6	119.4#
43	30.5	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.533 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

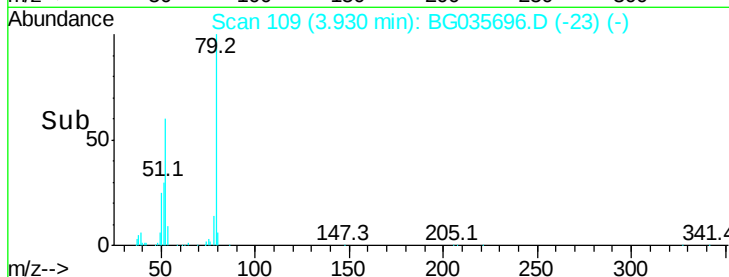
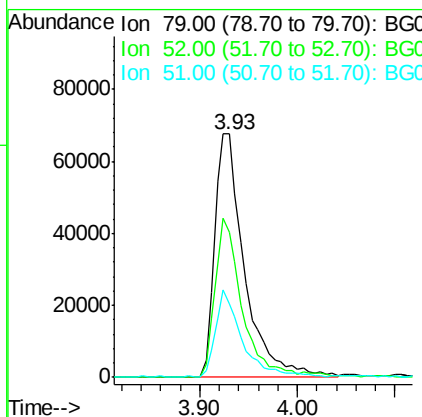
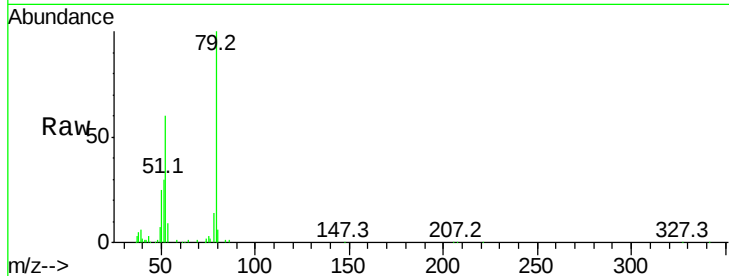
BNA_G

ClientSampleId :

PB111100BS

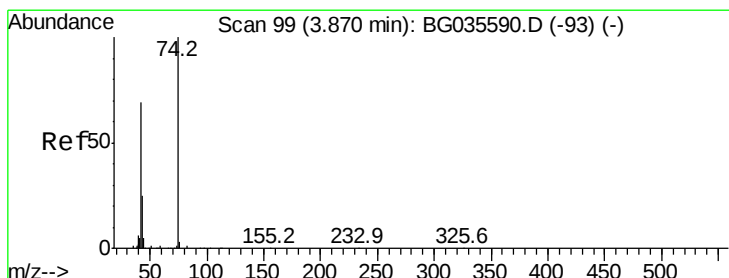
Tot Ion:	79	Resp:	142974
Ion Ratio	Lower	Upper	
79	100		
52	59.7	69.9	104.9#
51	30.0	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 38.412 ng

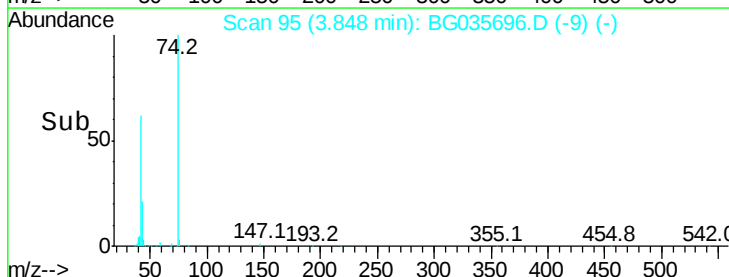
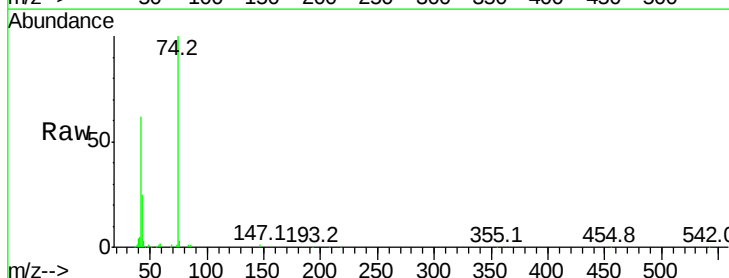
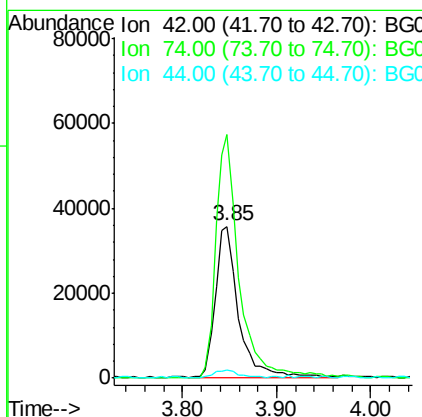
RT: 3.85 min Scan# 95

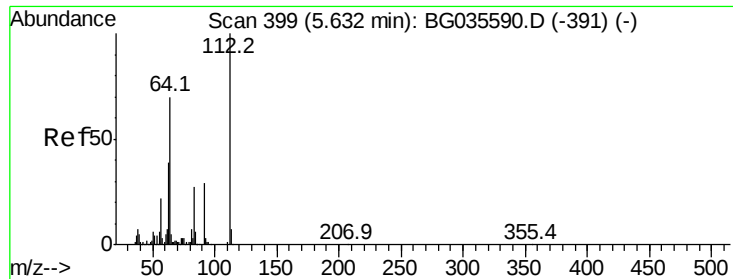
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	42	Resp:	62827
Ion Ratio	Lower	Upper	
42	100		
74	160.1	102.5	153.7#
44	5.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 145.700 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

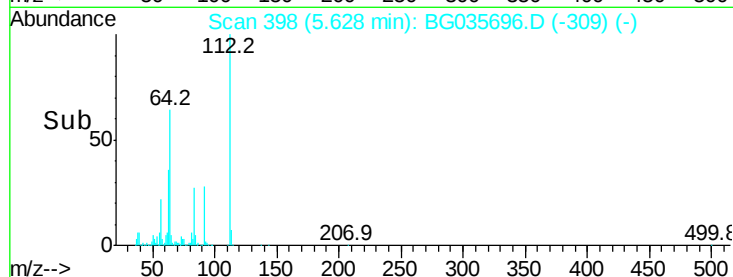
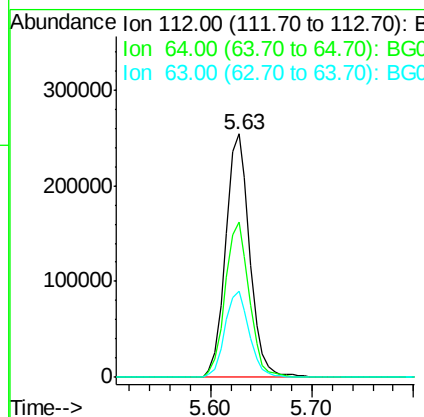
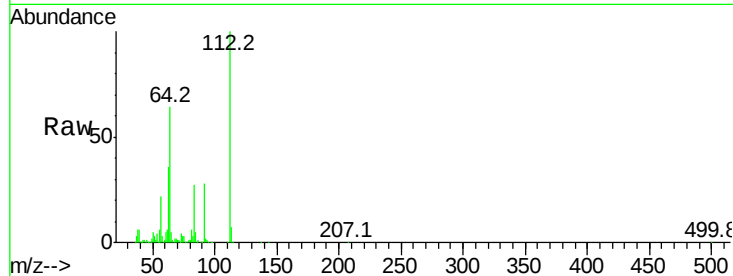
BNA_G

ClientSampled :

PB111100BS

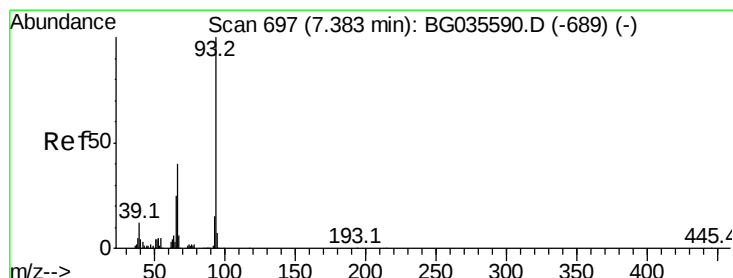
Tot Ion:	112	Resp:	417705
Ion Ratio	Lower	Upper	
112	100		
64	64.0	56.3	84.5
63	35.6	30.1	45.1

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#6

Aniline

Concen: 30.711 ng

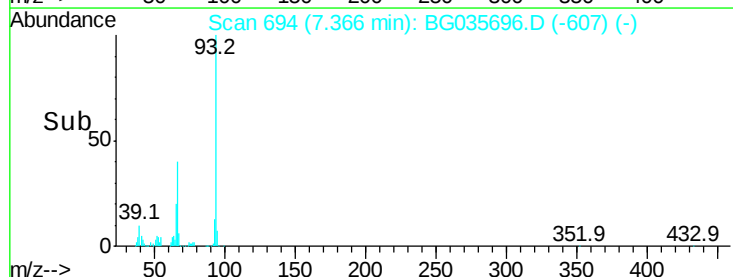
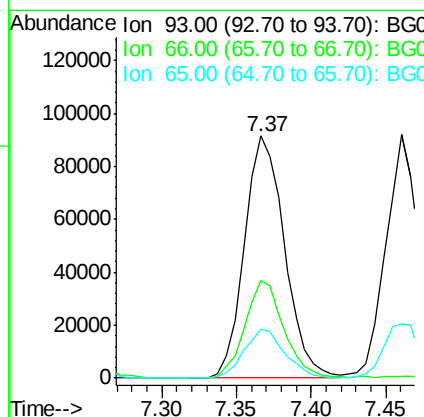
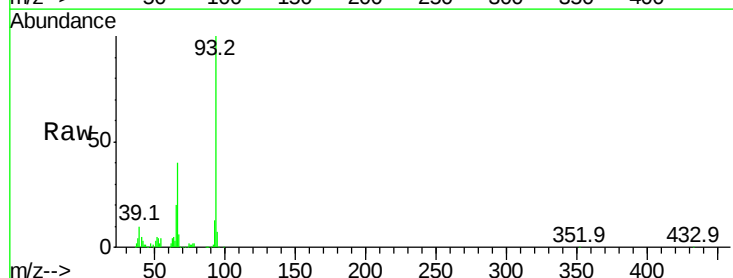
RT: 7.37 min Scan# 694

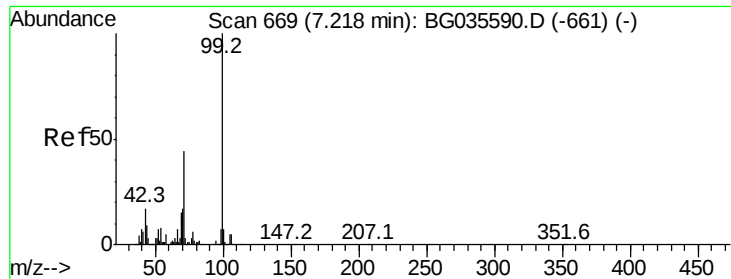
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	93	Resp:	170264
Ion Ratio	Lower	Upper	
93	100		
66	40.1	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 142.248 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

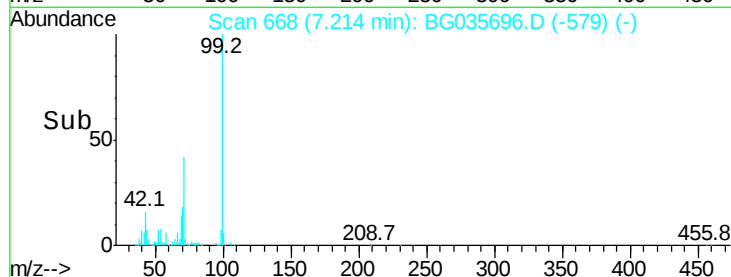
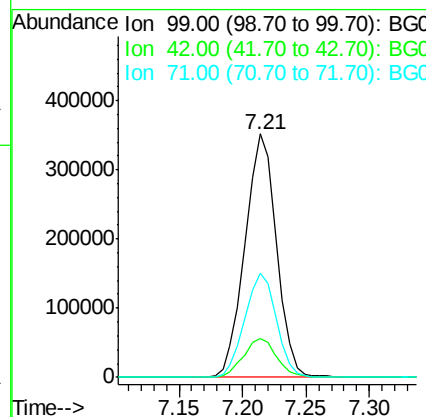
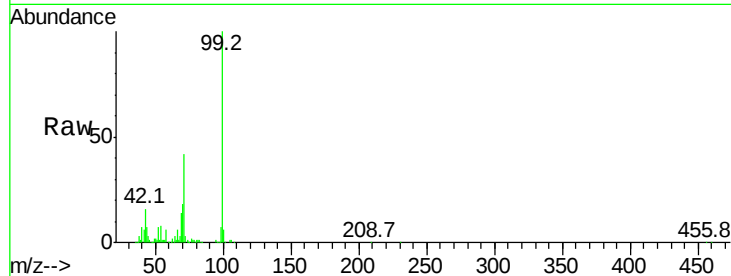
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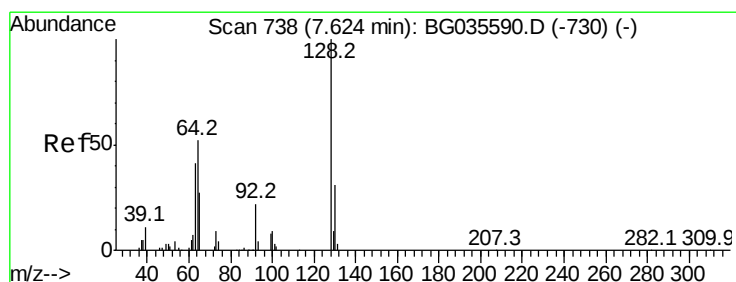
Tot Ion:	99	Resp:	608447
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.1	21.1
71	42.5	26.1	39.1#

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#8

2-Chlorophenol

Concen: 47.831 ng

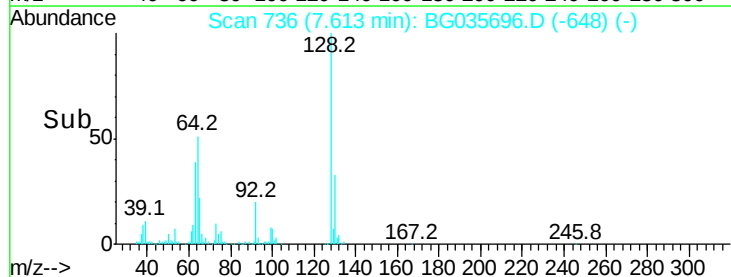
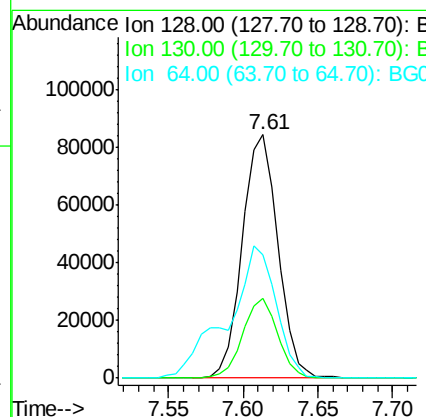
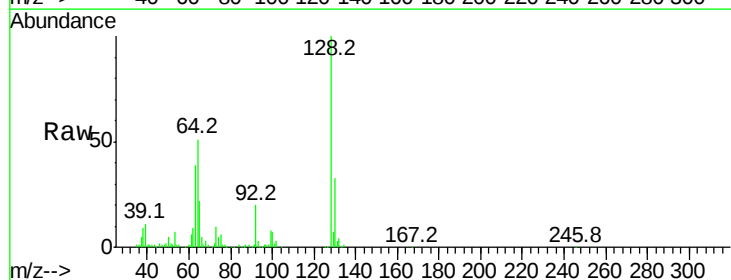
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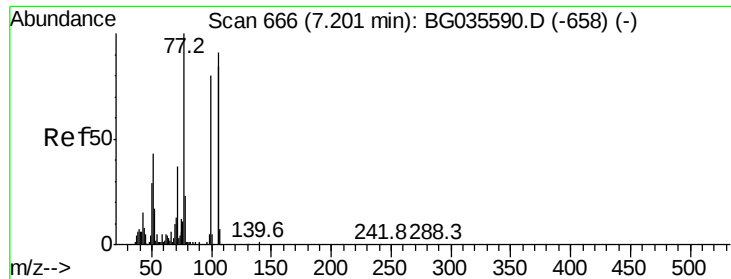
Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	128	Resp:	139463
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	50.5	37.7	77.7





#9

Benzaldehyde

Concen: 35.318 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

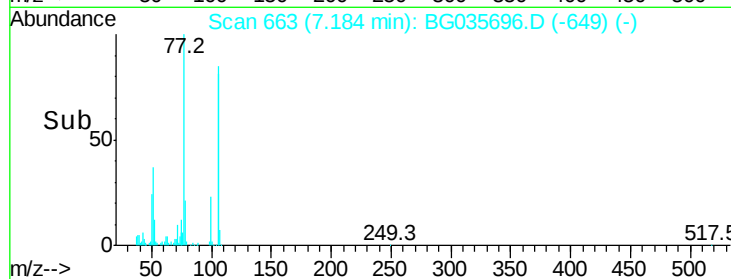
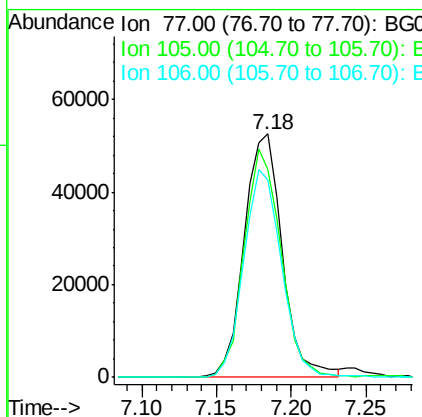
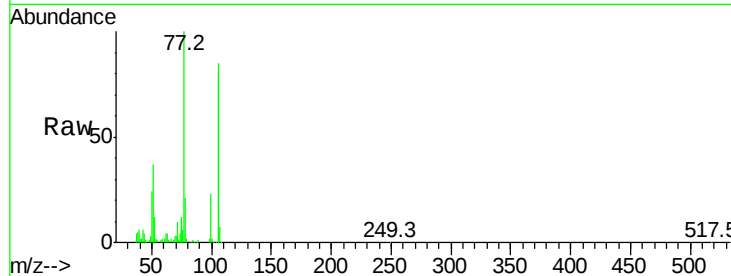
BNA_G

ClientSampleId :

PB111100BS

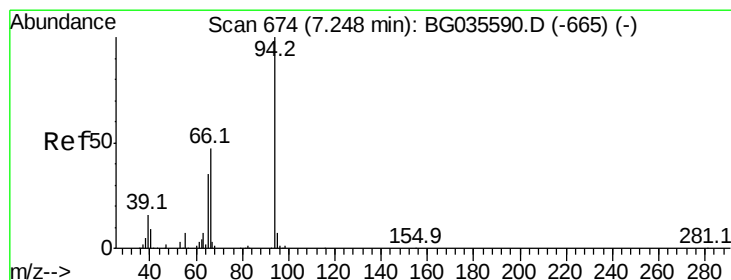
Tot Ion	Ratio	Lower	Upper
77	100		
105	85.1	71.3	111.3
106	81.2	64.2	104.2

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#10

Phenol

Concen: 48.013 ng

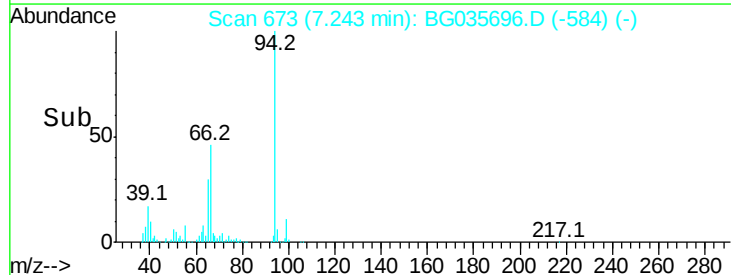
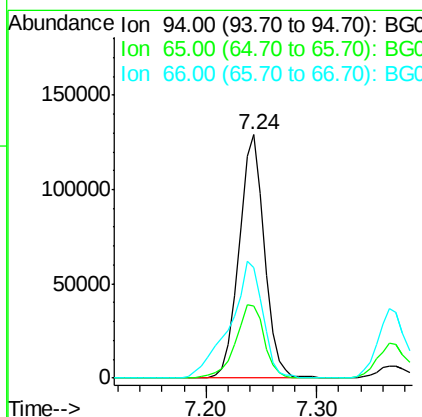
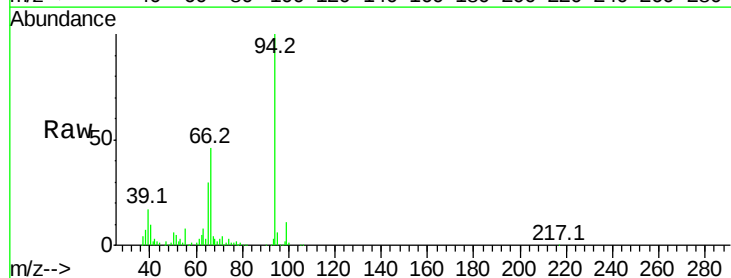
RT: 7.24 min Scan# 673

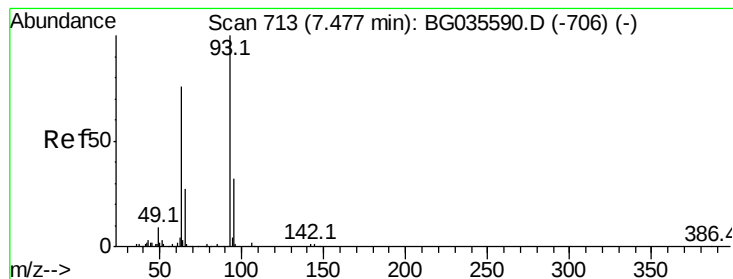
Delta R.T. -0.00 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.9	51.9
66	45.6	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.476 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

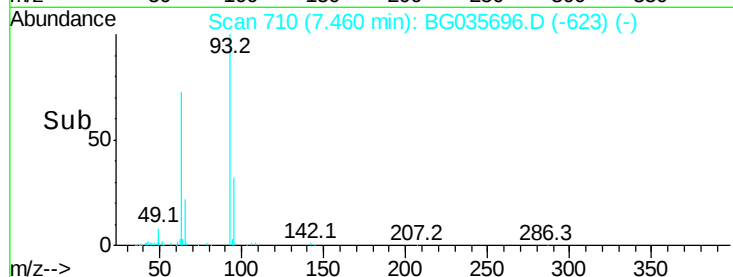
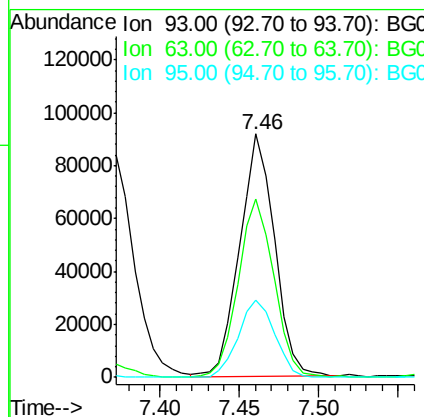
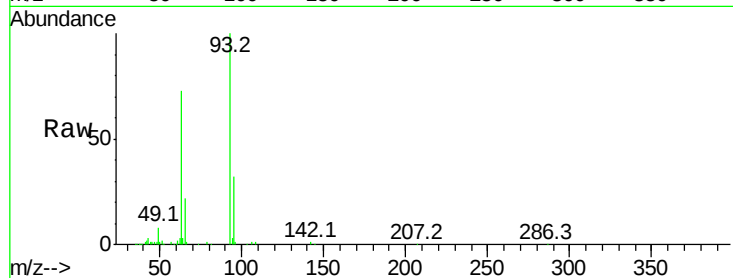
BNA_G

ClientSampleId :

PB111100BS

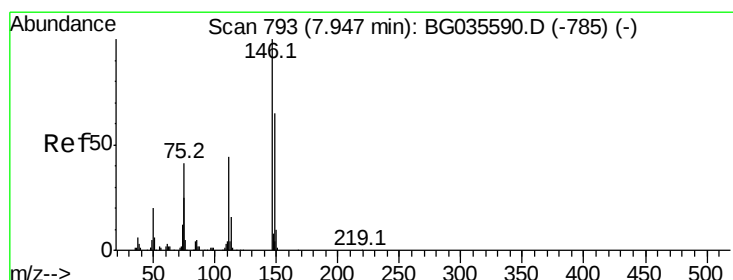
Tot Ion:	93	Resp:	140365
Ion Ratio	Lower	Upper	
93	100		
63	73.2	67.1	107.1
95	31.7	11.5	51.5

Manual Integrations
APPROVED



Sohil

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#12

1,3-Dichlorobenzene

Concen: 43.985 ng

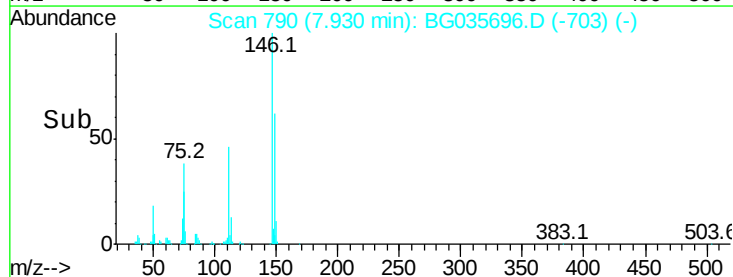
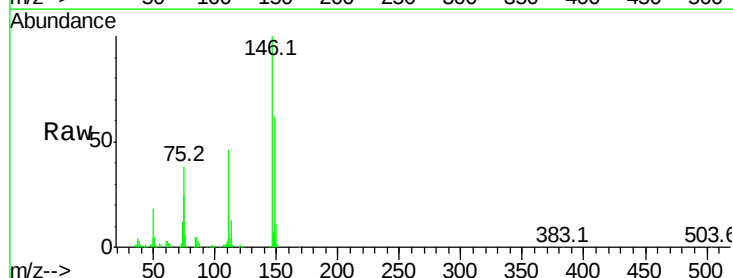
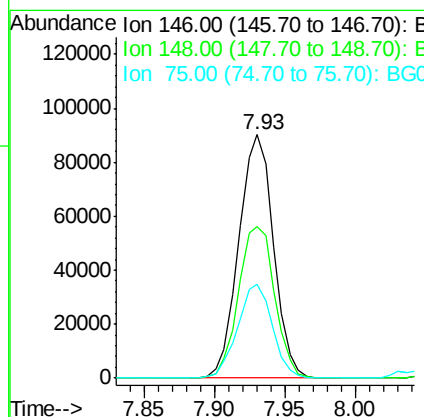
RT: 7.93 min Scan# 790

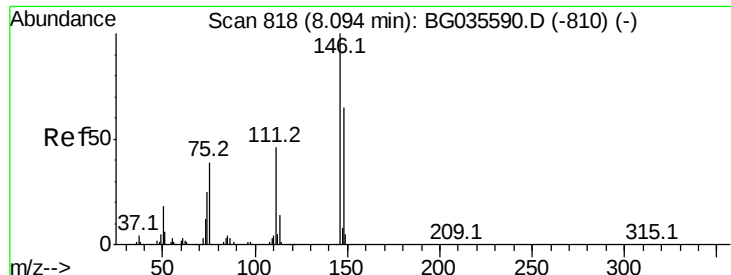
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	146	Resp:	154876
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.4	77.2
75	38.4	26.6	39.8



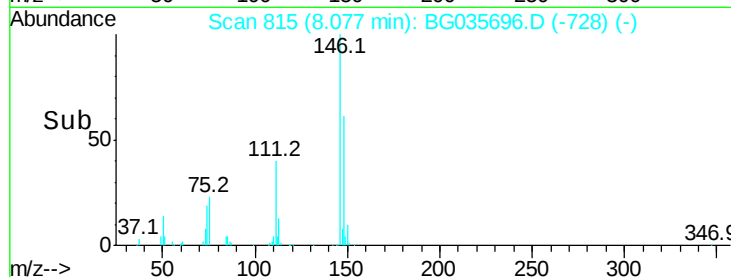
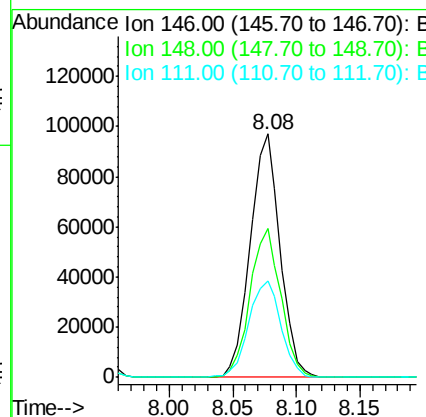
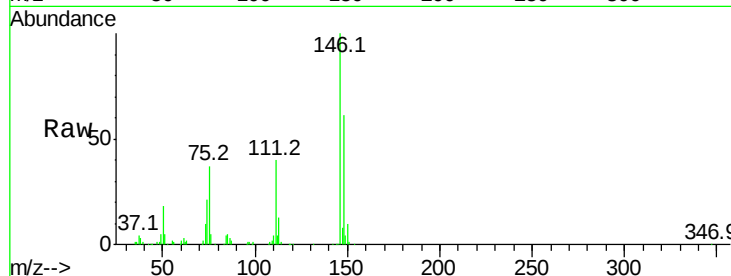


#13
 1,4-Dichlorobenzene
 Concen: 44.429 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampled :
 PB111100BS

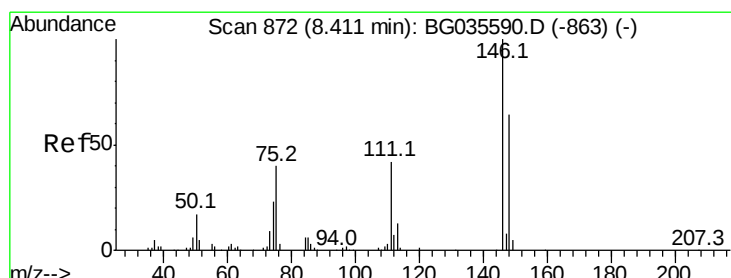
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	53.7	80.5
111	39.7	35.2	52.8

Manual Integrations
 APPROVED



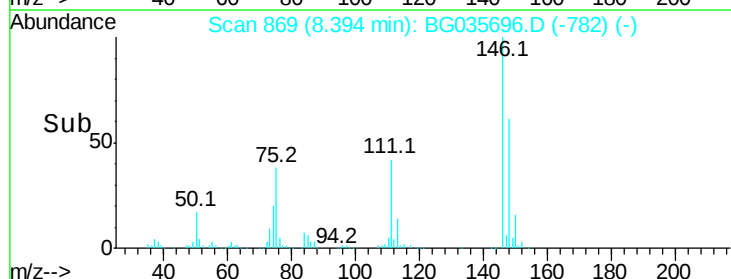
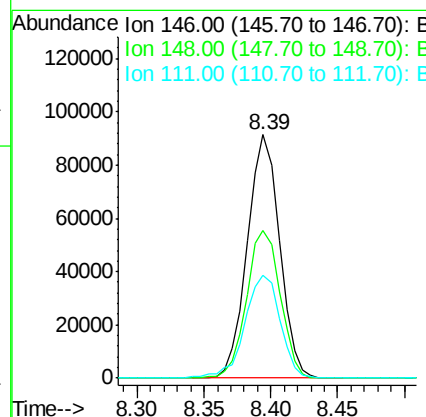
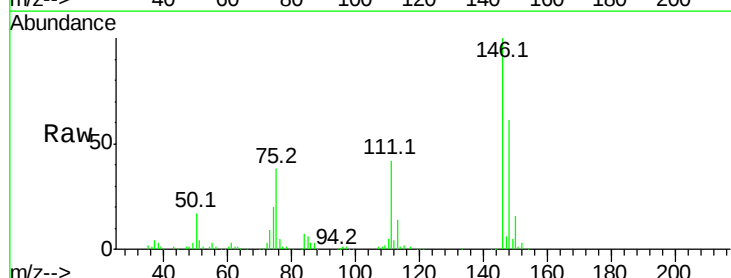
Sohil

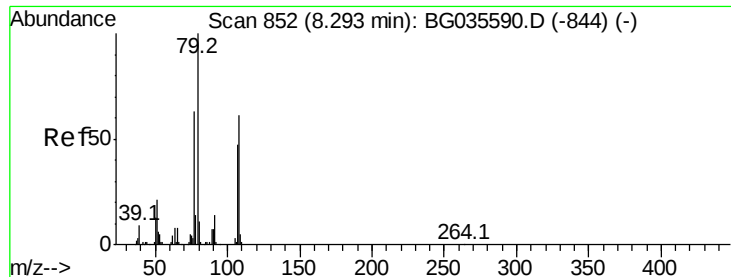
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#14
 1,2-Dichlorobenzene
 Concen: 44.424 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.3	73.9
111	42.1	34.3	51.5



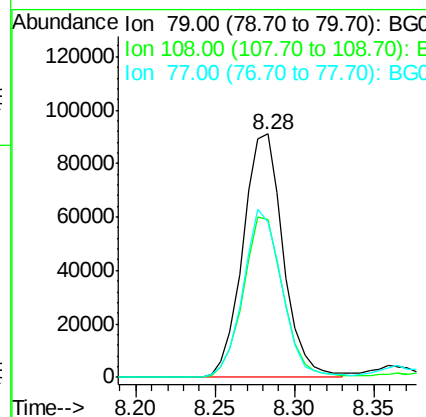
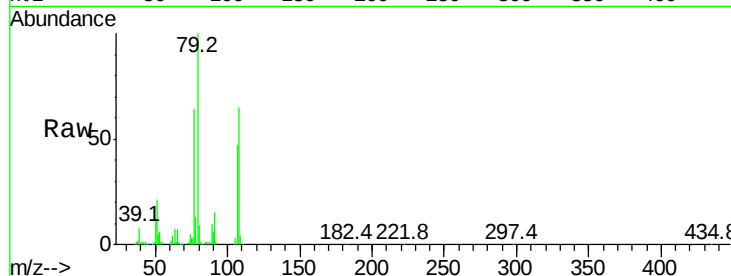


#15
Benzyl Alcohol
Concen: 41.340 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

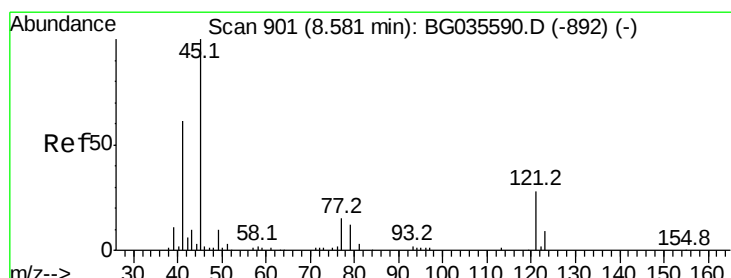
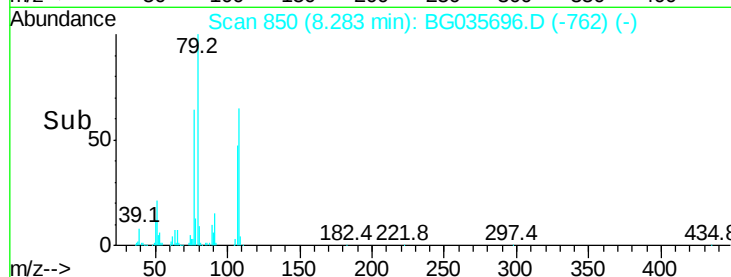
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	57.2	85.8
77	63.9	46.1	69.1

Manual Integrations
APPROVED



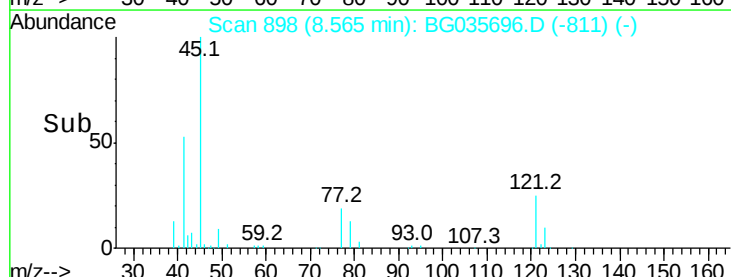
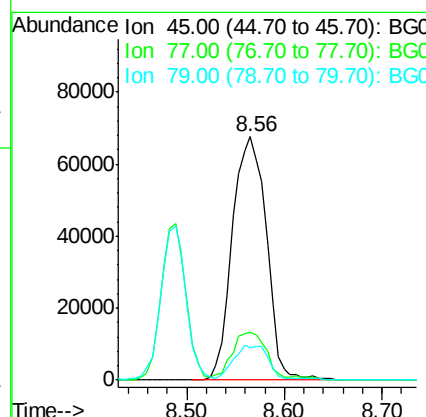
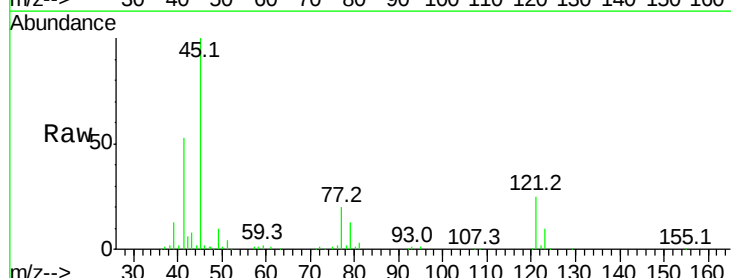
Sohil

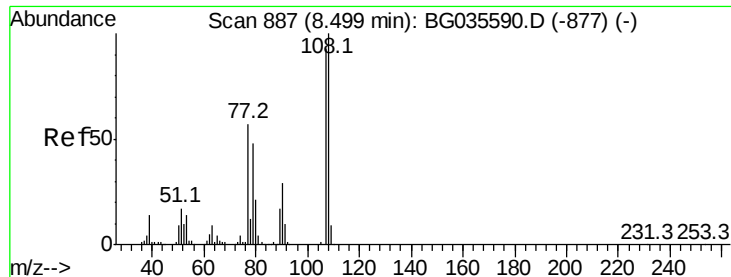
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.788 ng
RT: 8.56 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	30.2
79	13.4	0.0	27.9





#17

2-Methylphenol

Concen: 47.462 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

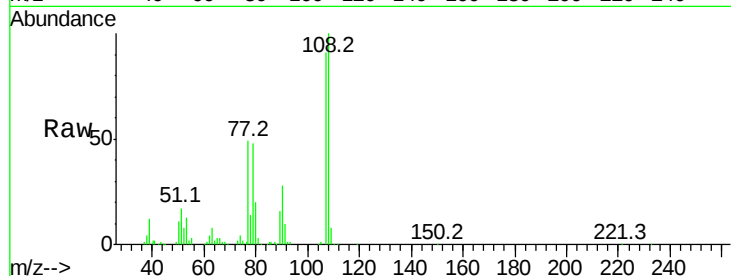
BNA_G

ClientSampleId :

PB111100BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	83.9	125.9	
77	53.4	37.2	55.8	
79	52.6	36.2	54.2	

Manual Integrations
APPROVED

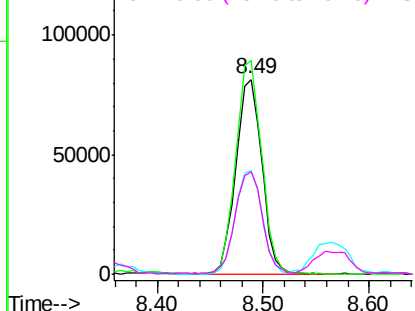


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

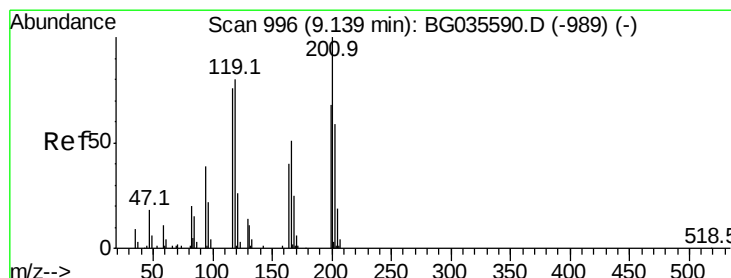
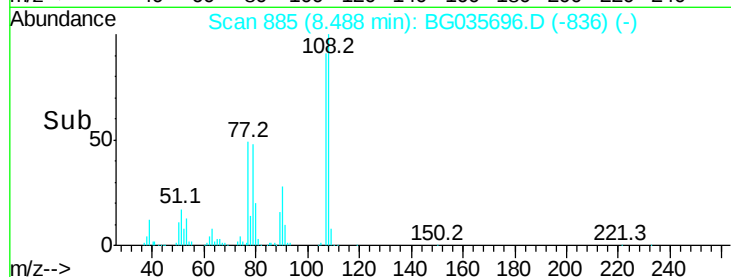
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



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#18

Hexachloroethane

Concen: 43.109 ng

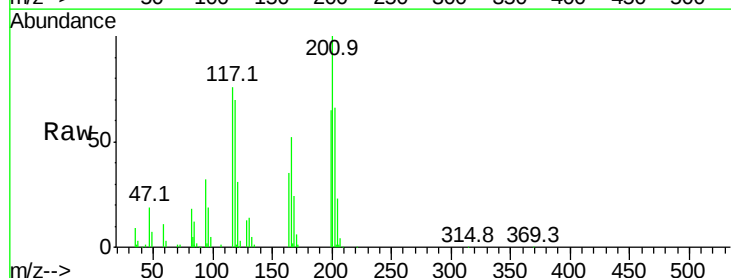
RT: 9.12 min Scan# 993

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

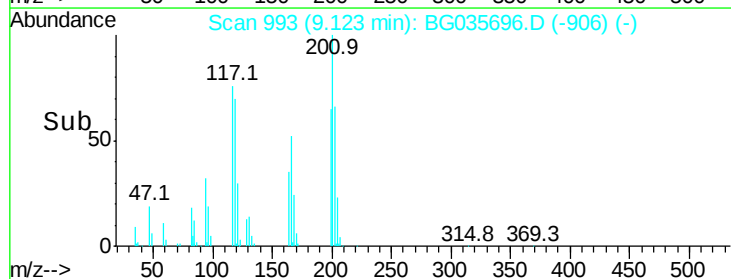
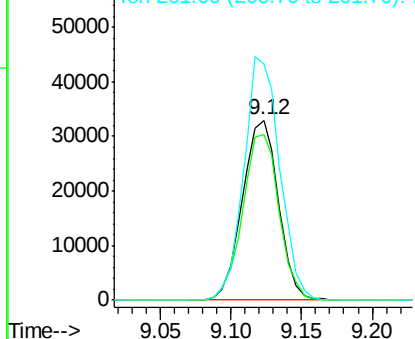
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.0	76.7	115.1	
201	131.3	95.7	143.5	

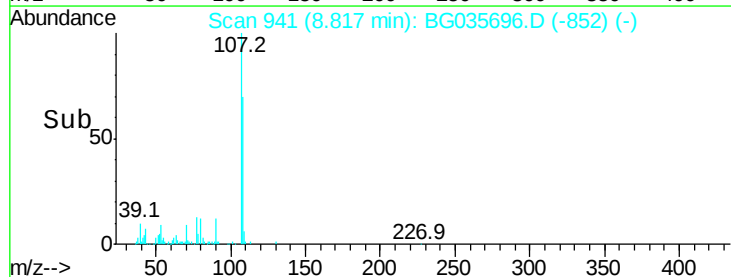
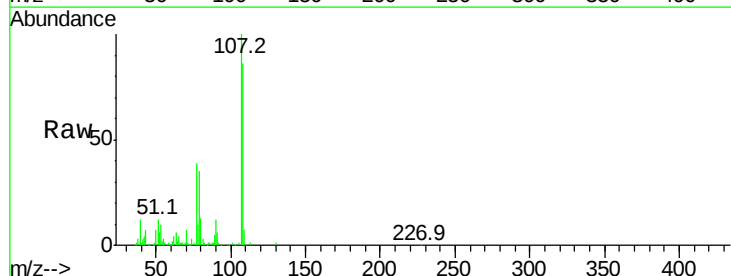
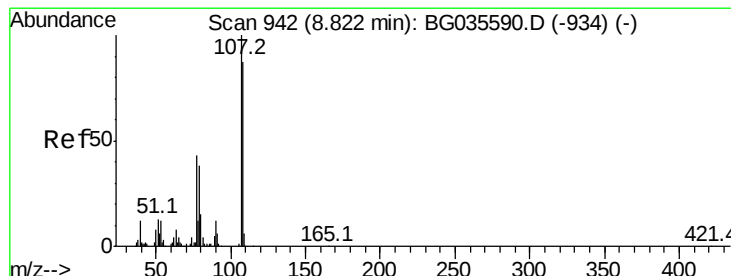
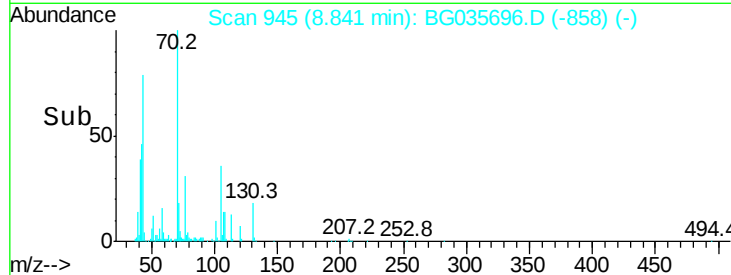
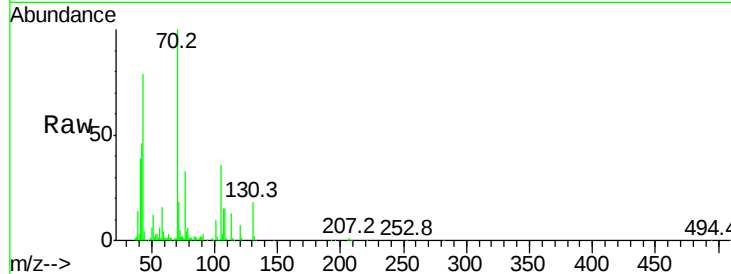
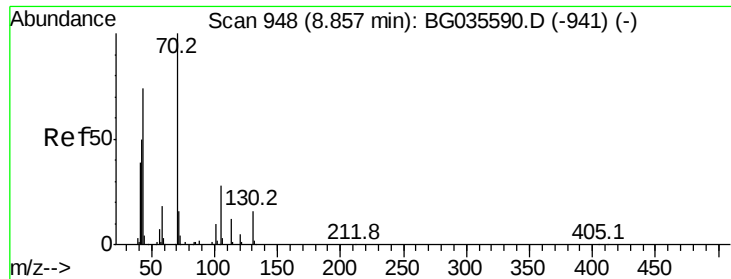


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

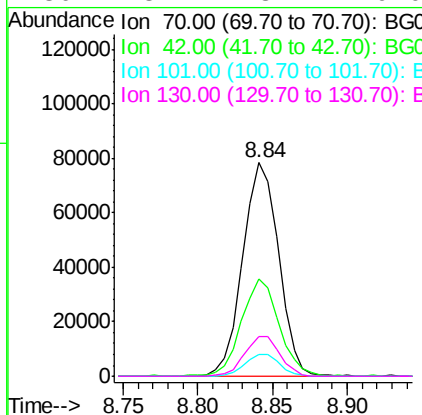
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.244 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.6	49.1	73.7#	
101	9.9	8.5	12.7	
130	18.4	13.4	20.0	



Instrument :
BNA_G
ClientSampleId :
PB111100BS

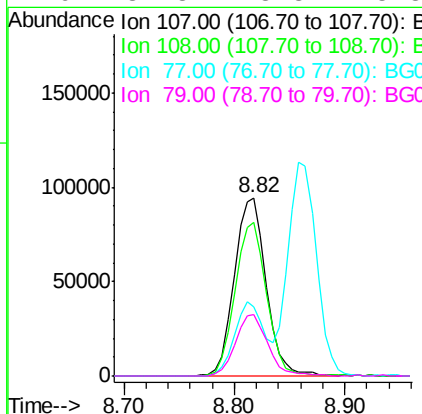
Manual Integrations
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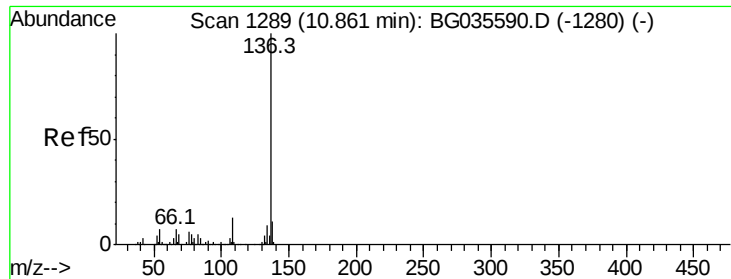
Sohil

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#20
3+4-Methylphenols
Concen: 46.963 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	61.6	101.6	
77	38.6	13.9	53.9	
79	34.8	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

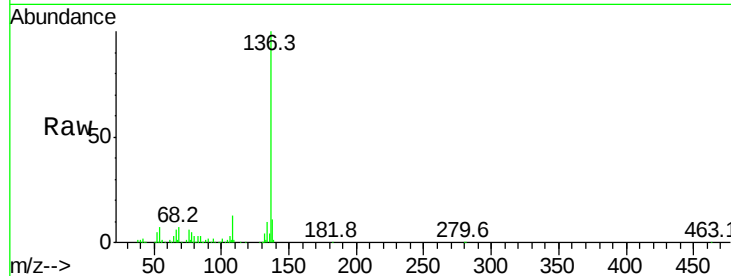
BNA_G

ClientSampleId :

PB111100BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	171104		
137	11.2		9.2	13.8
54	6.6		10.3	15.5#
68	6.6		4.5	6.7

Manual Integrations
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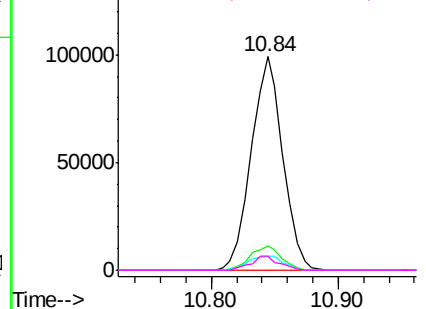


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

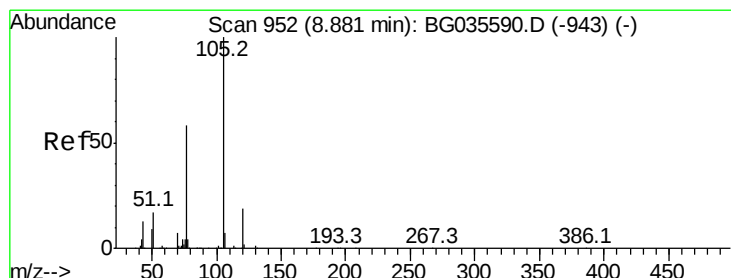
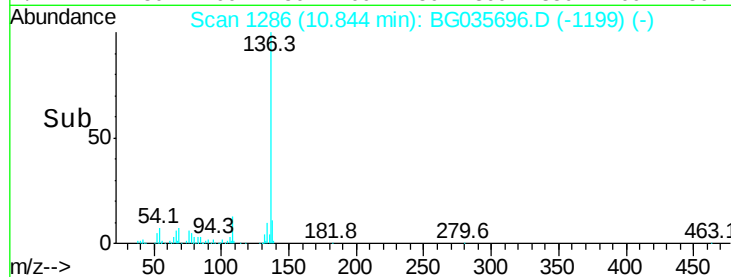
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



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#22

Acetophenone

Concen: 45.052 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

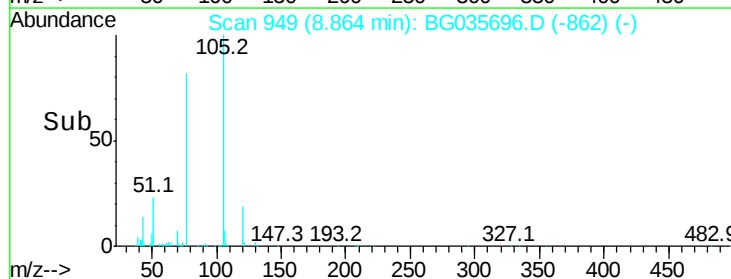
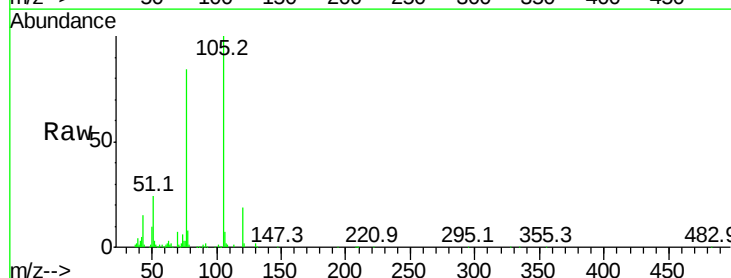
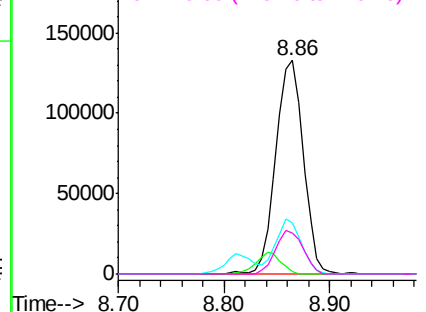
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239715		
71	1.0		3.0	4.4#
51	24.0		26.1	39.1#
120	19.2		17.4	26.2

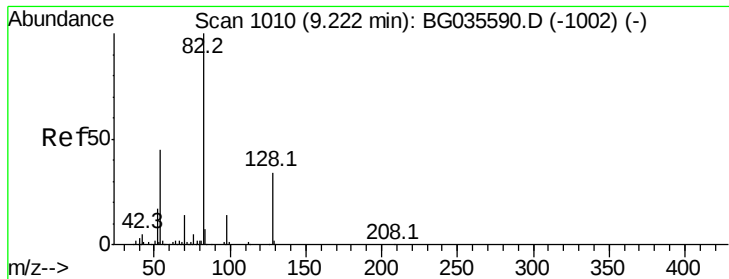
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



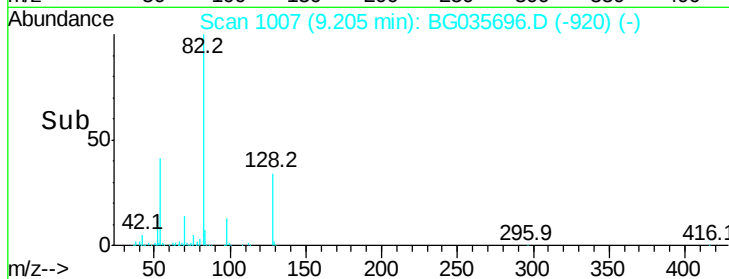
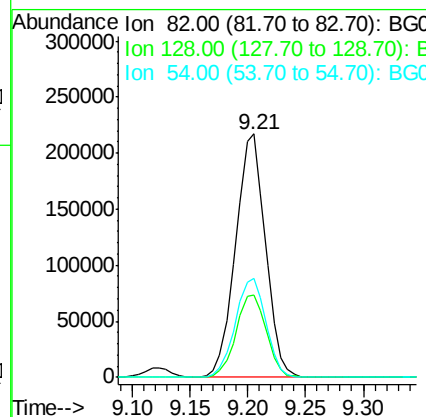
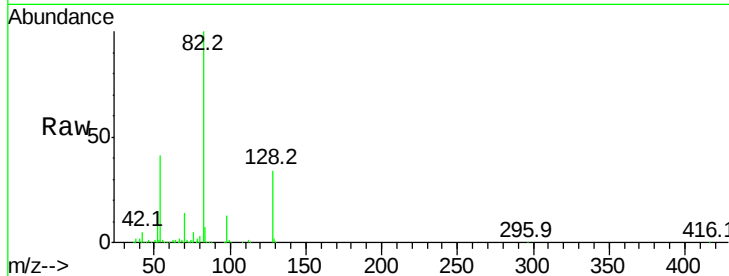


#23
Nitrobenzene-d5
Concen: 94.860 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

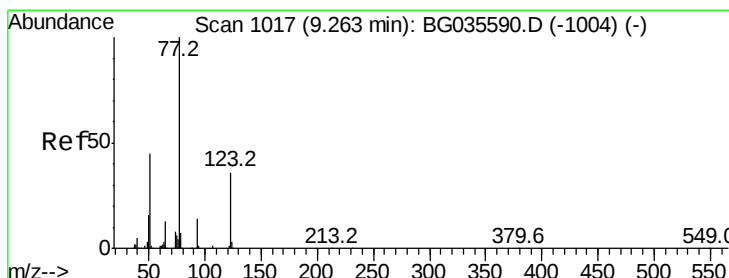
Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	33.9	29.7	44.5
54	40.7	43.1	64.7#

Manual Integrations
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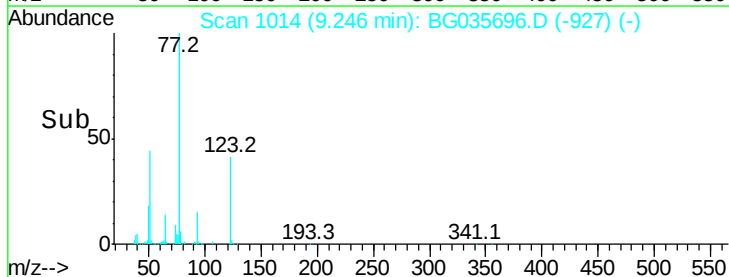
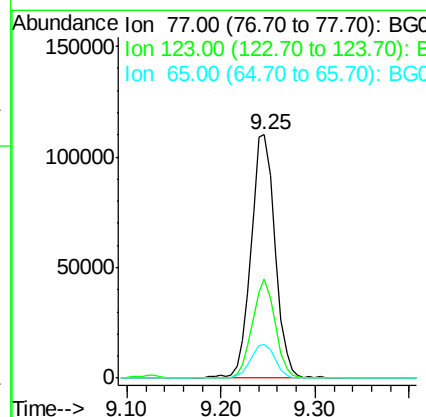
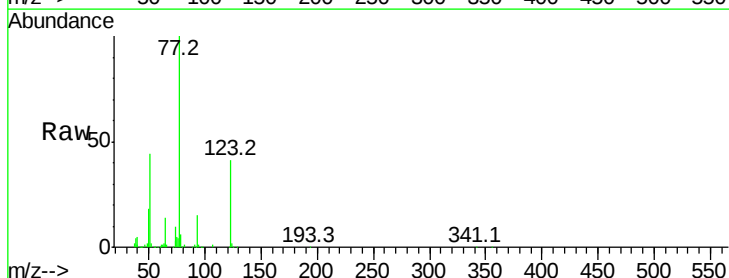
Sohil

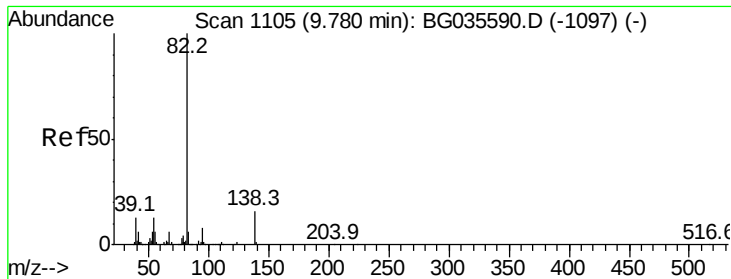
7/18/2018 3:27:51 PM



#24
Nitrobenzene
Concen: 47.320 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	40.6	33.0	49.6
65	13.8	13.0	19.6





#25

Isophorone

Concen: 48.709 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

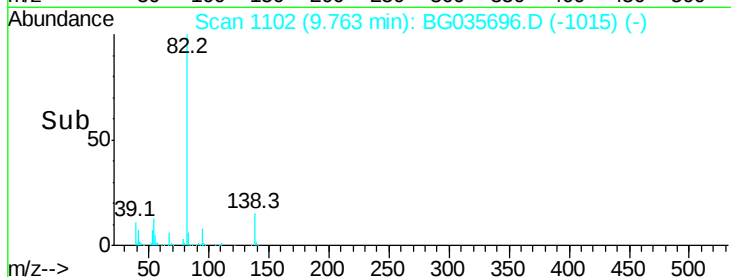
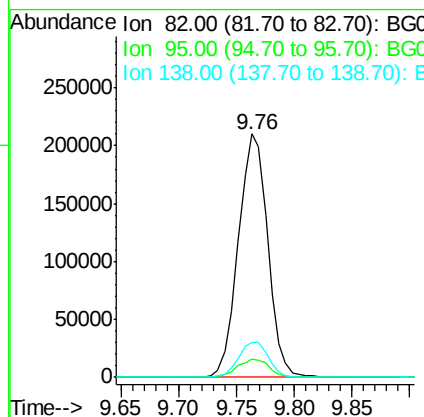
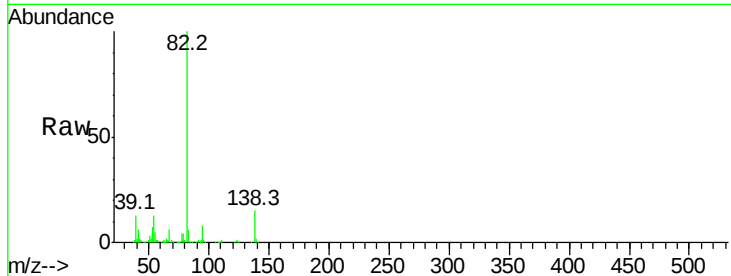
BNA_G

ClientSampled :

PB111100BS

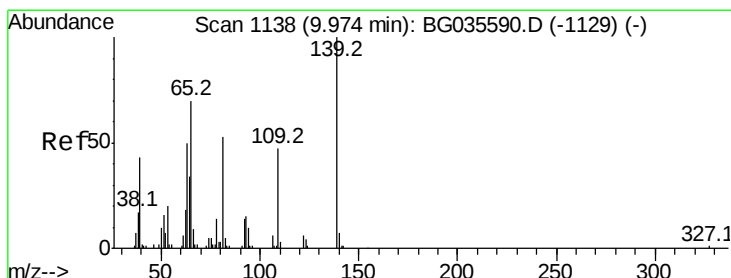
Tot Ion:	82	Resp:	370347
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	14.5	12.1	18.1

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 55.291 ng

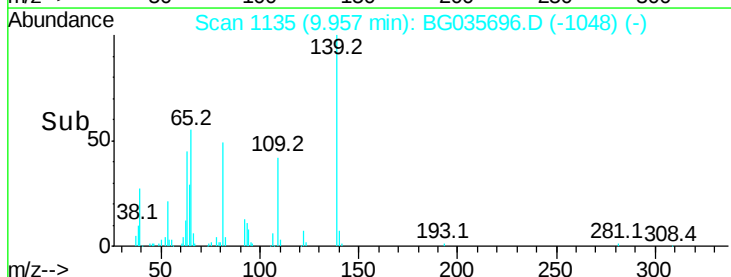
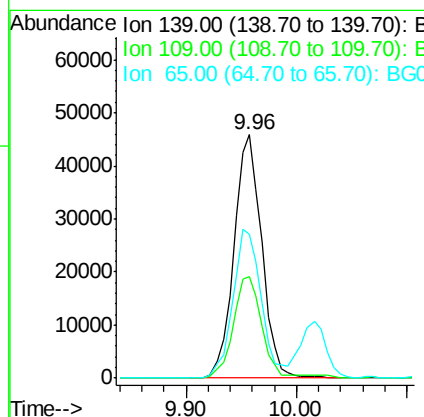
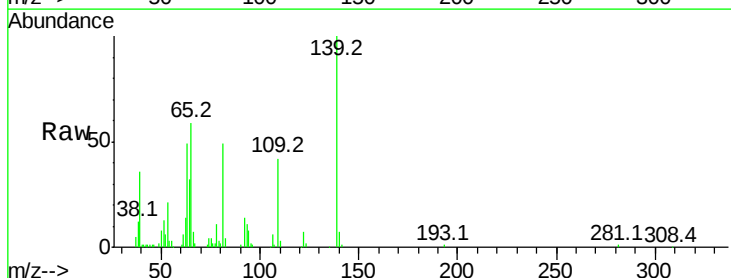
RT: 9.96 min Scan# 1135

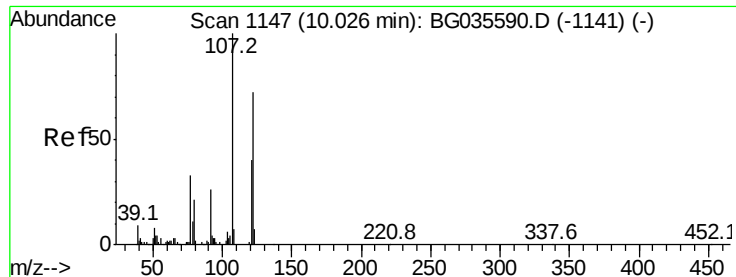
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	139	Resp:	80887
Ion Ratio	Lower	Upper	
139	100		
109	41.9	24.2	36.2#
65	58.9	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 58.224 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

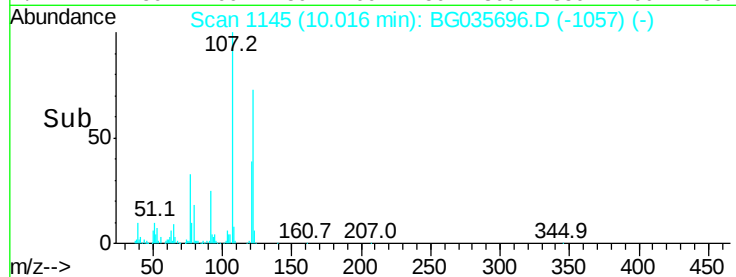
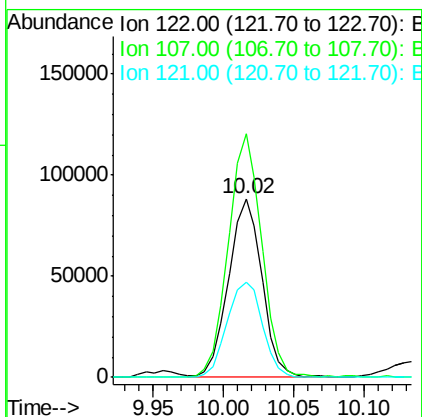
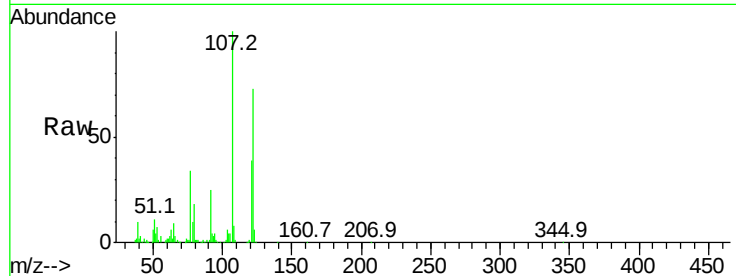
BNA_G

ClientSampled :

PB111100BS

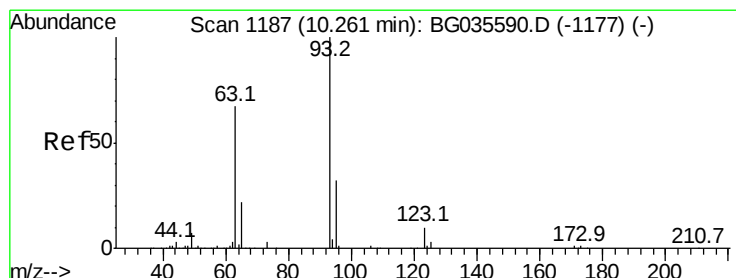
Tot Ion:	122	Resp:	144182
Ion Ratio	Lower	Upper	
122	100		
107	136.3	100.2	150.2
121	53.4	44.4	66.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.113 ng

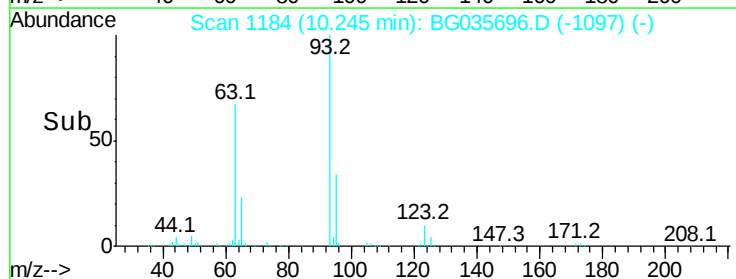
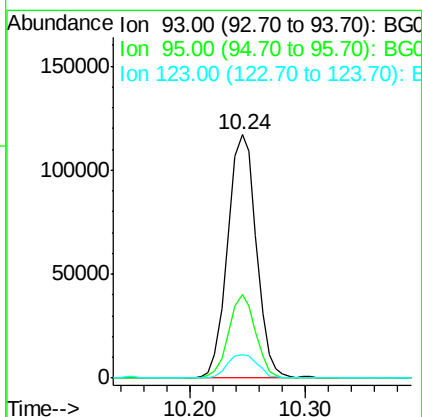
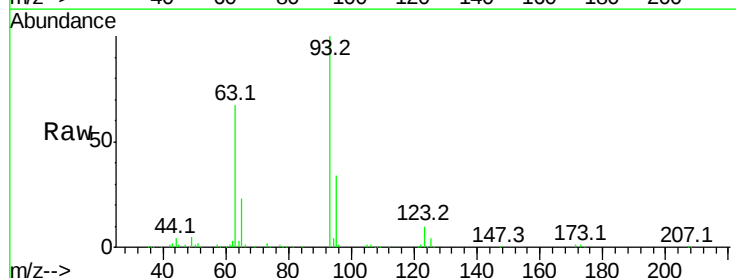
RT: 10.24 min Scan# 1184

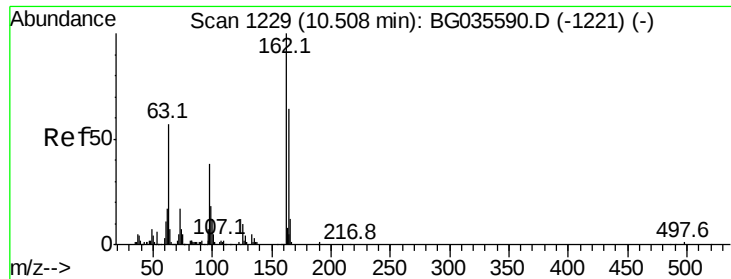
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	93	Resp:	201575
Ion Ratio	Lower	Upper	
93	100		
95	34.3	24.3	36.5
123	9.7	8.4	12.6



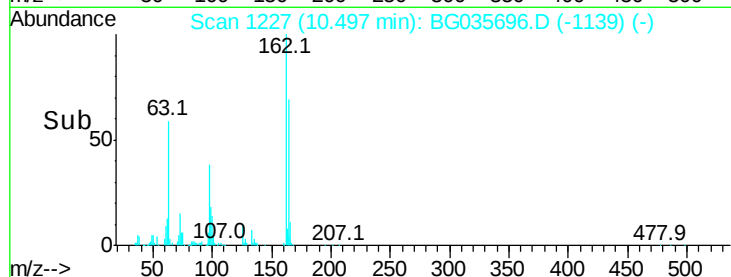
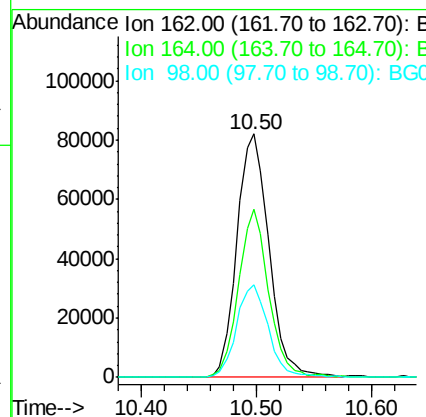
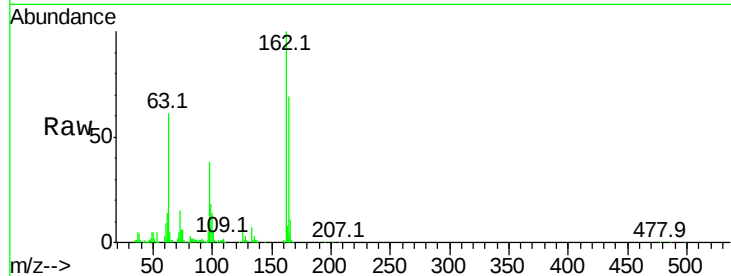


#29
 2,4-Dichlorophenol
 Concen: 55.862 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

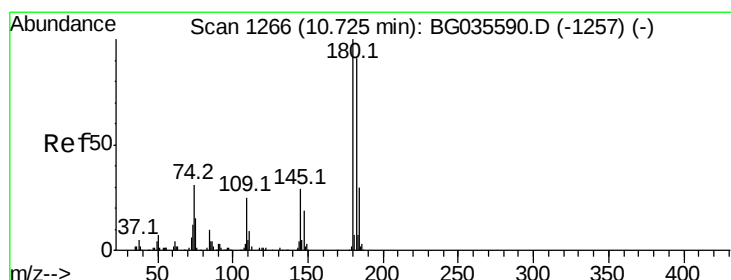
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	69.3	48.0	88.0	
98	37.9	21.1	61.1	

Manual Integrations
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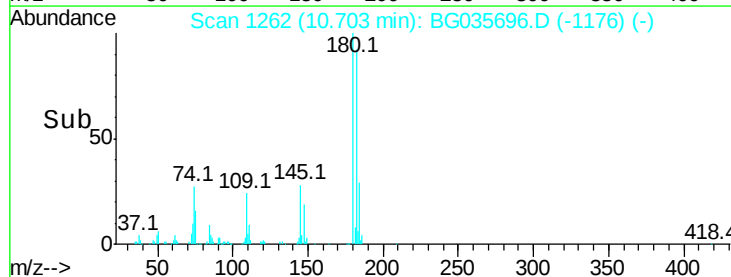
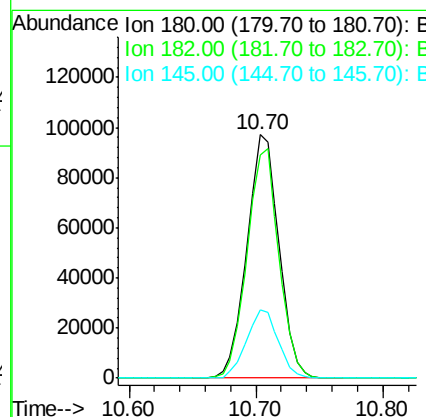
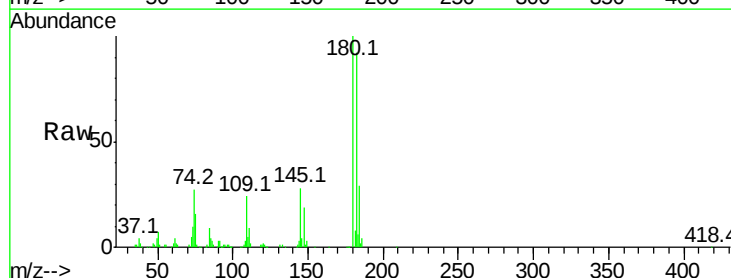
Sohil

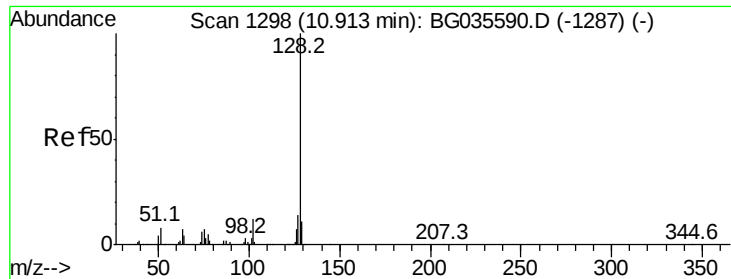
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.218 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.5	77.5	116.3	
145	28.3	23.4	35.2	



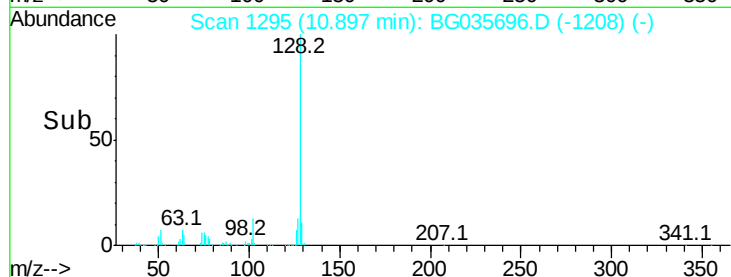
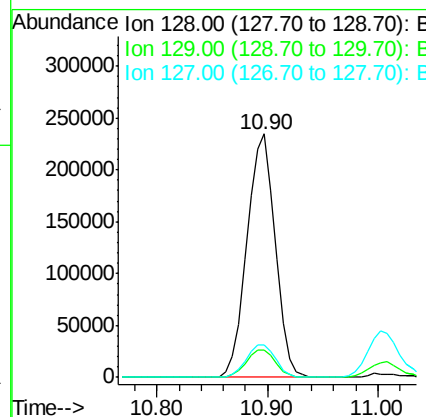
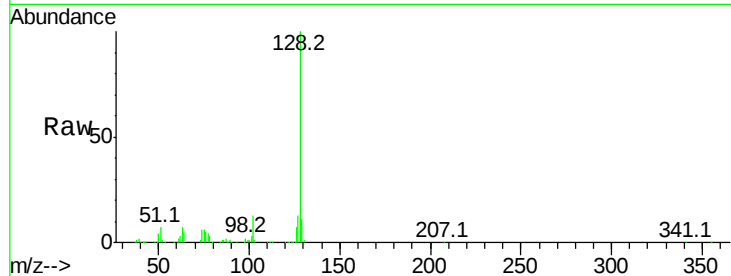


#31
Naphthalene
Concen: 47.270 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampled :
PB111100BS

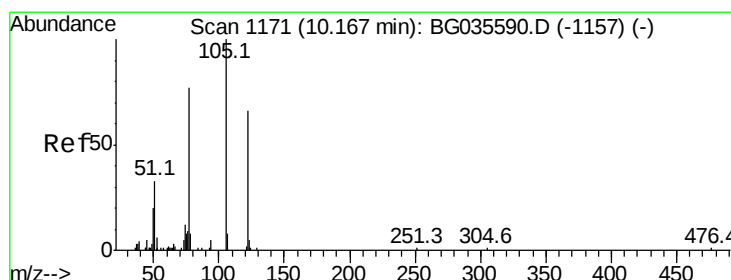
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.2	11.6	17.4

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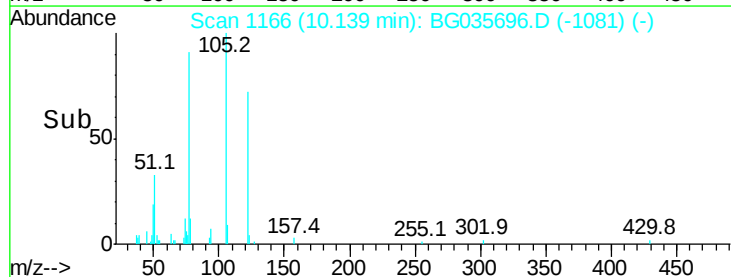
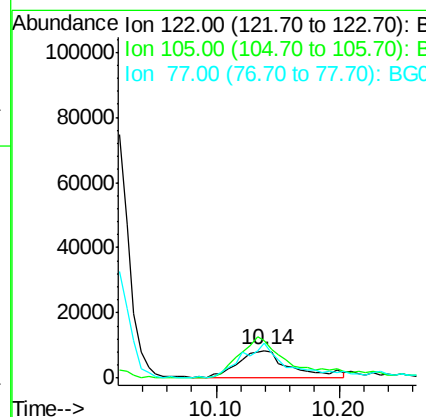
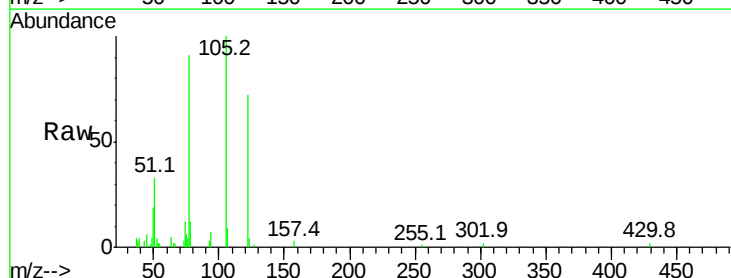
Sohil

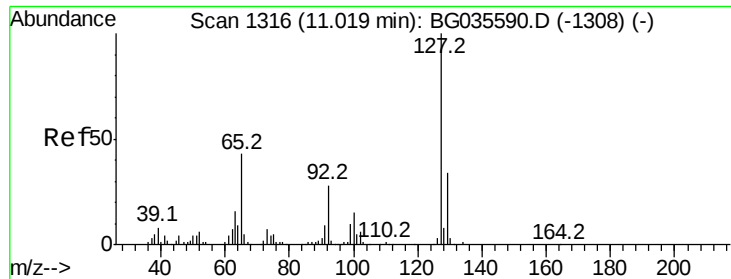
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#32
Benzoic acid
Concen: 14.150 ng m
RT: 10.14 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.2	123.5	163.5
77	125.9	85.7	125.7#



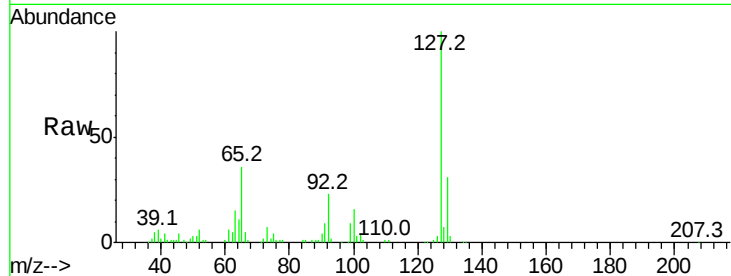


#33
4-Chloroaniline
Concen: 23.756 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

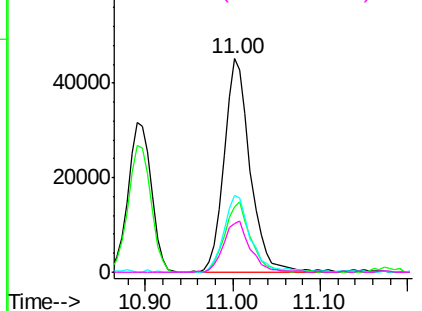
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.0	36.0
65	35.8	27.0	40.4
92	22.5	16.6	25.0

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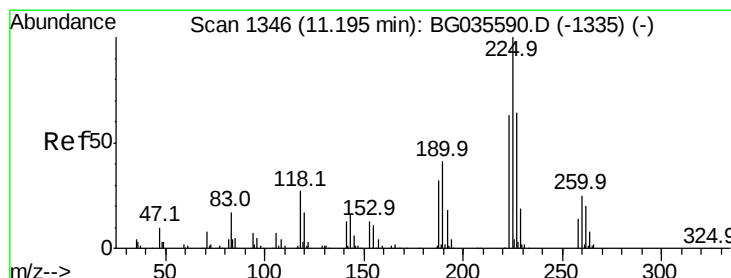
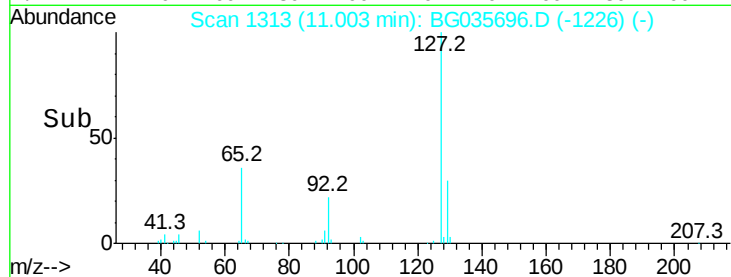


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



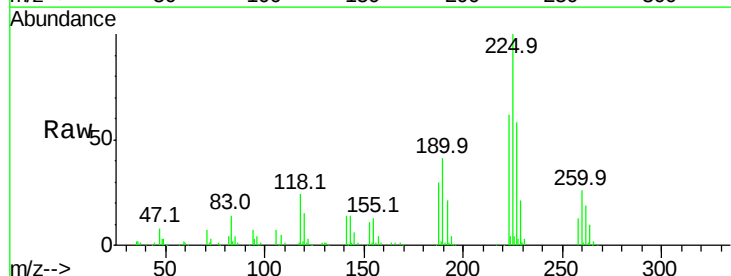
Sohil

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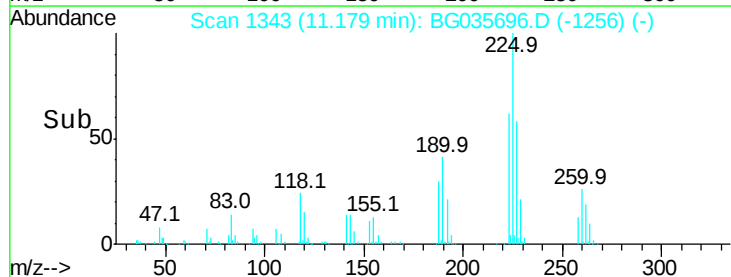
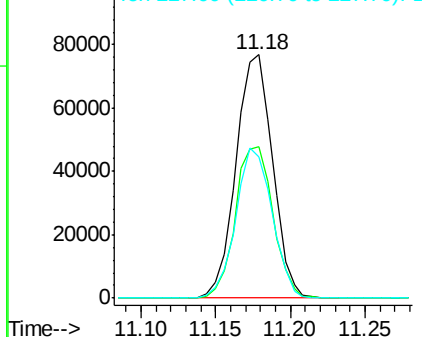


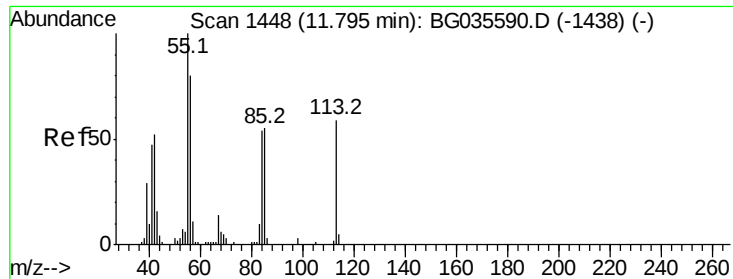
#34
Hexachlorobutadiene
Concen: 48.290 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	57.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.519 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

BNA_G

ClientSampleId :

PB111100BS

Tot Ion:113 Resp: 56431

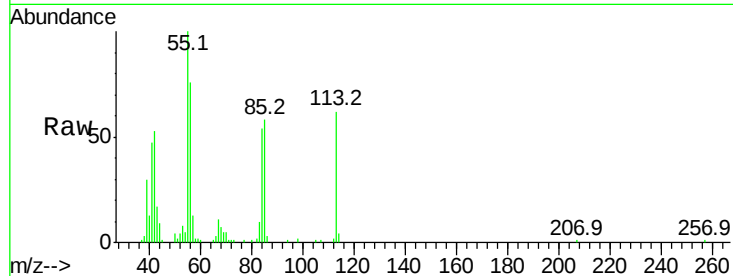
Ion Ratio Lower Upper

113 100

55 161.1 186.9 226.9#

56 122.5 130.9 170.9#

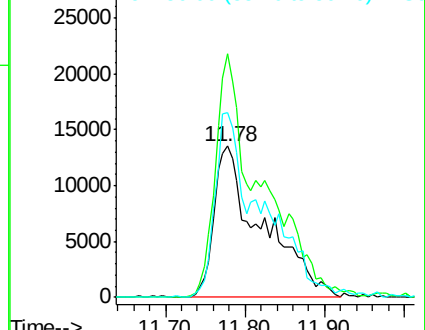
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Abundance Ion 113.00 (112.70 to 113.70): E

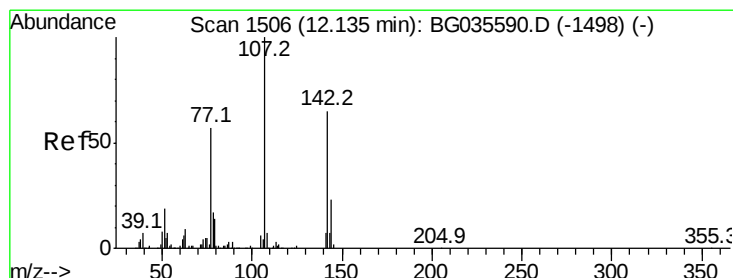
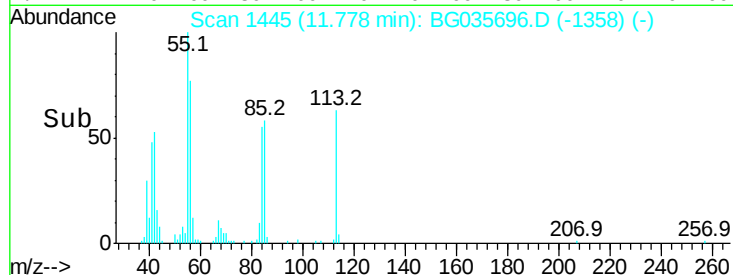
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



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#36

4-Chloro-3-methylphenol

Concen: 50.920 ng/ml

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

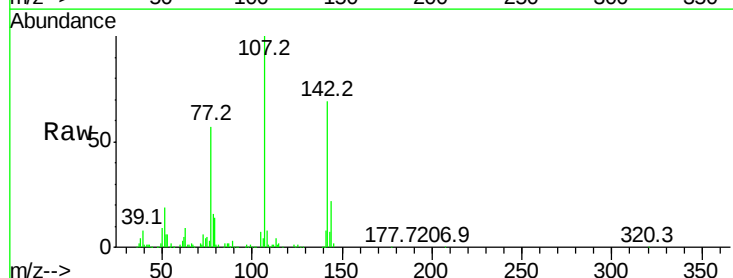
Tgt Ion:107 Resp: 192937

Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.4

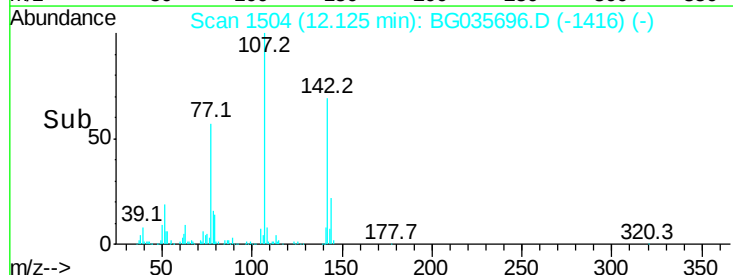
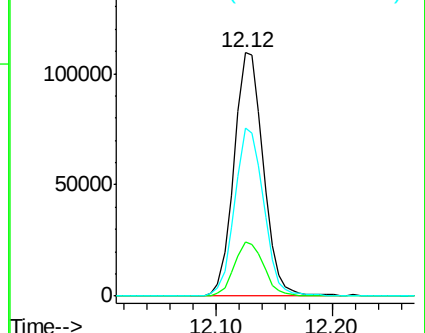
142 68.8 59.0 88.4

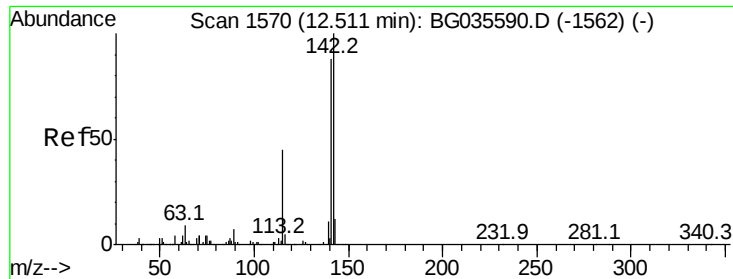


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



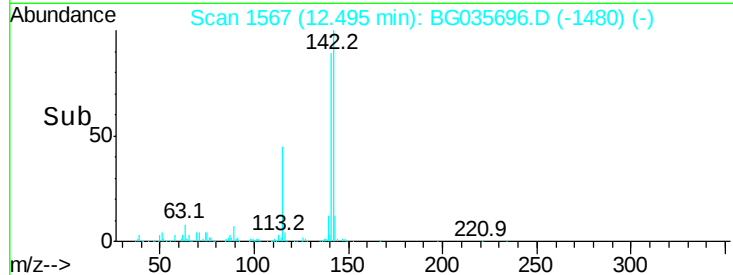
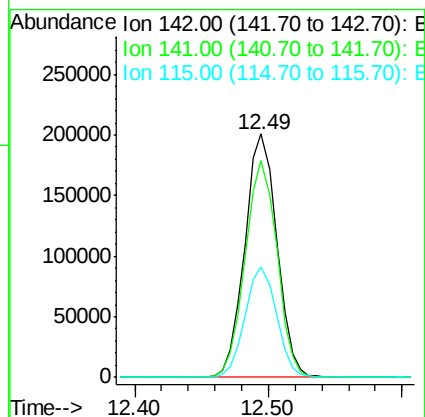
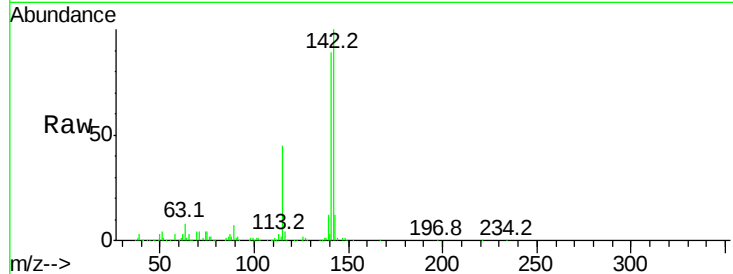


#37
2-Methylnaphthalene
Concen: 50.096 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

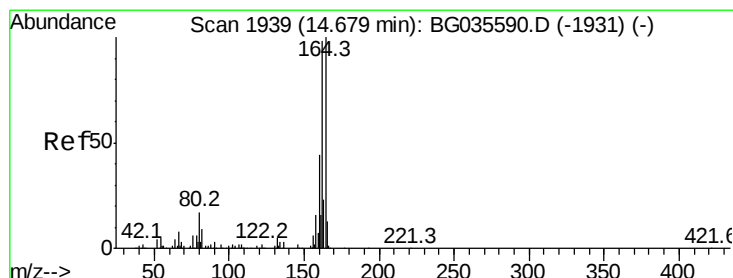
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	45.4	30.7	46.1

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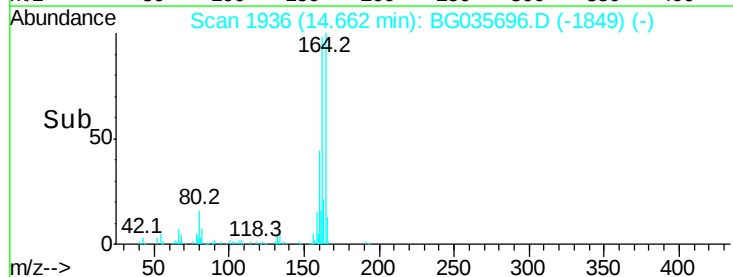
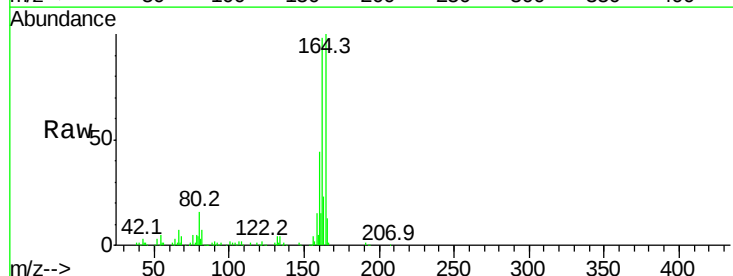
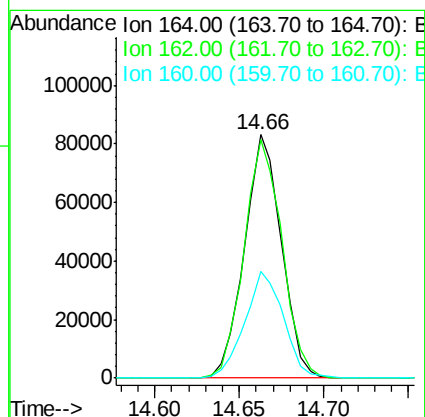
Sohil

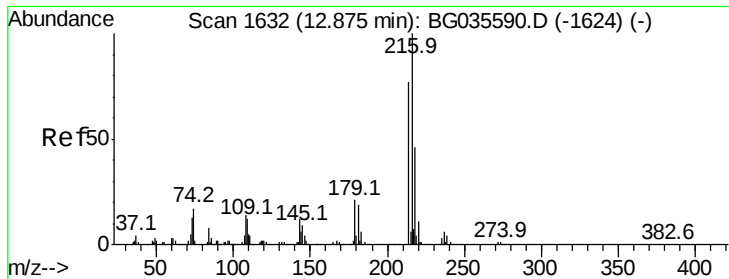
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	43.9	35.4	53.0



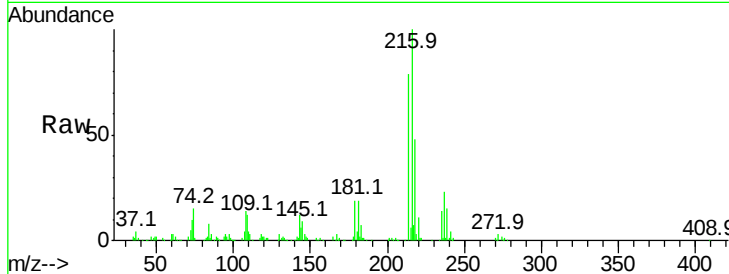


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.836 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

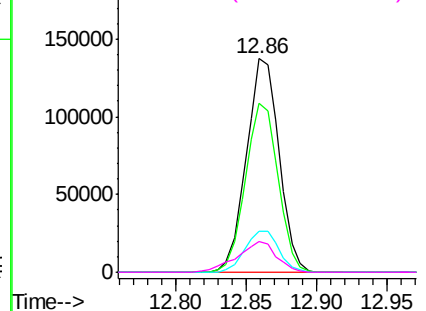
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	19.9	17.0	25.6
108	17.3	12.8	19.2

Manual Integrations
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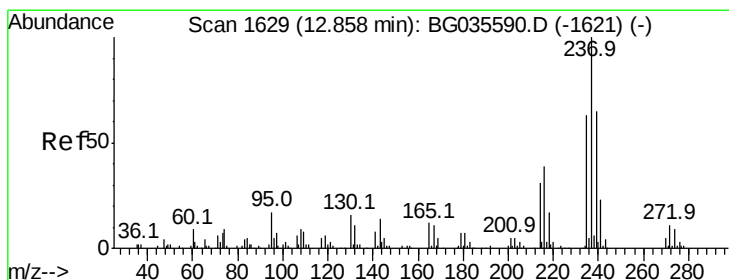


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



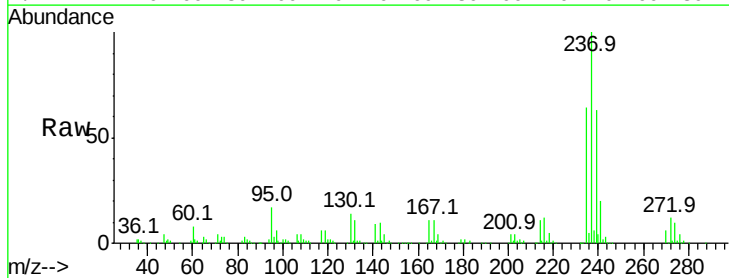
Sohil

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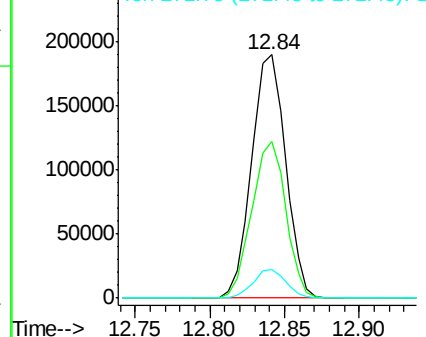


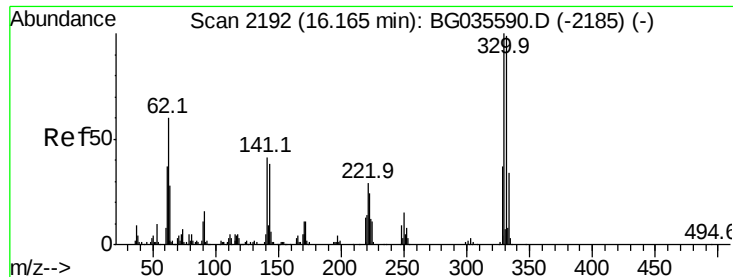
#40
 Hexachlorocyclopentadiene
 Concen: 119.905 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	50.4	90.4
272	11.8	0.0	31.8



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



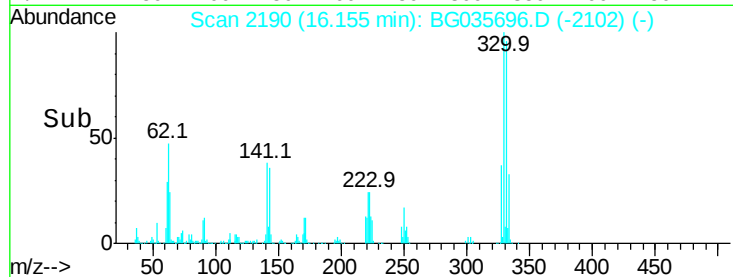
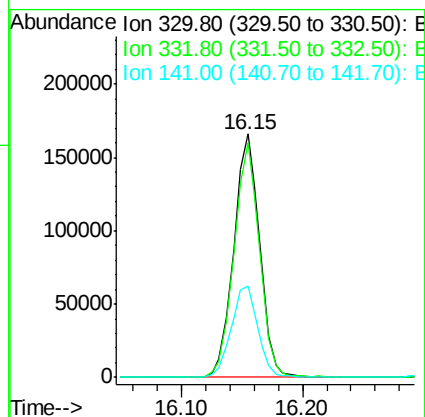
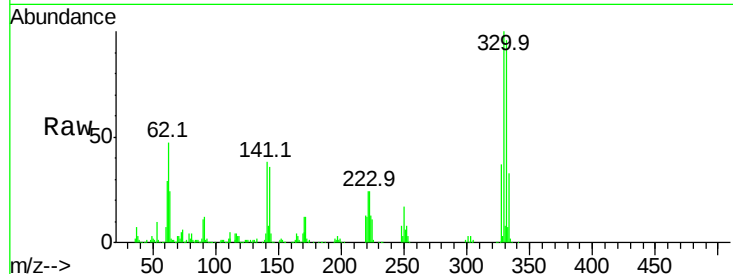


#41
 2,4,6-Tribromophenol
 Concen: 148.820 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampled :
 PB111100BS

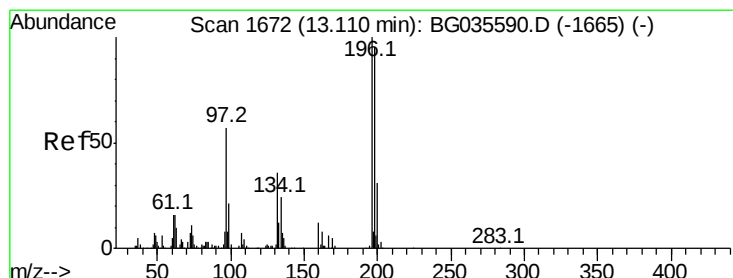
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.6	25.2	37.8#

Manual Integrations
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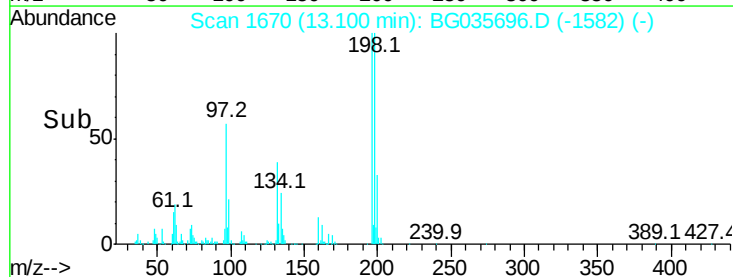
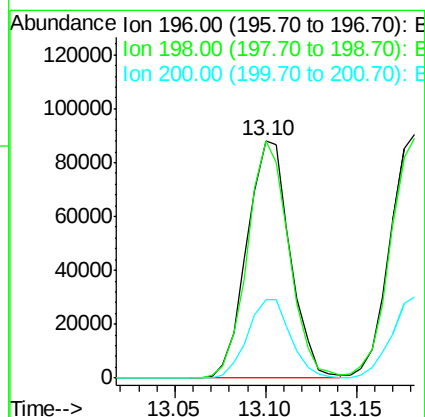
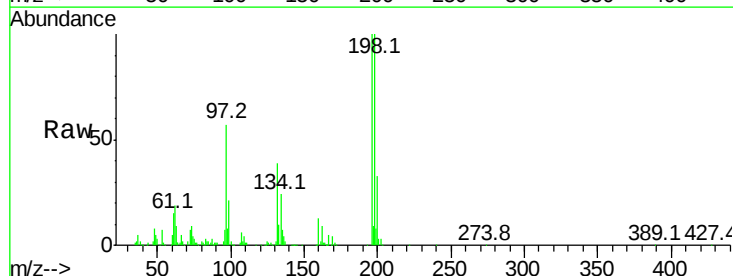
Sohil

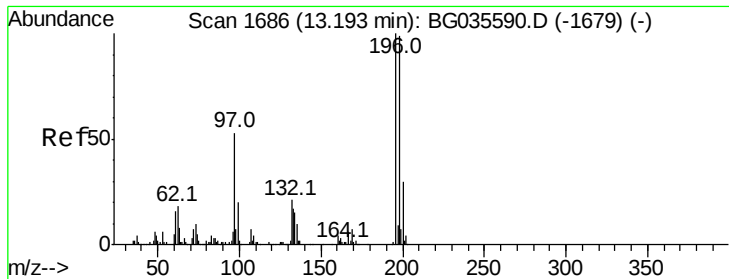
7/18/2018 3:27:51 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.544 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	78.2	117.2
200	33.1	24.6	36.8





#43

2,4,5-Trichlorophenol

Concen: 51.024 ng

RT: 13.18 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

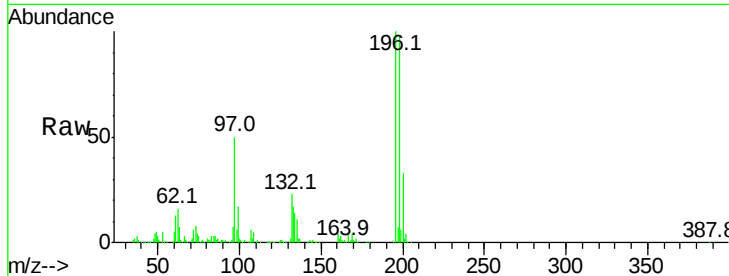
BNA_G

ClientSampleId :

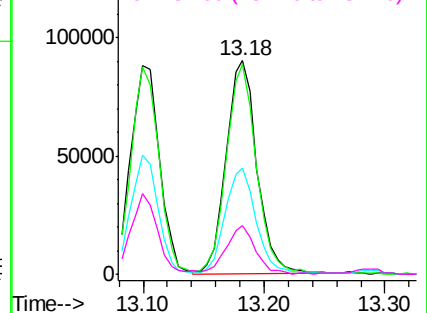
PB111100BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		159050		
198	98.4	76.2	114.4		
97	49.7	38.7	58.1		
132	22.9	20.2	30.2		

Manual Integrations
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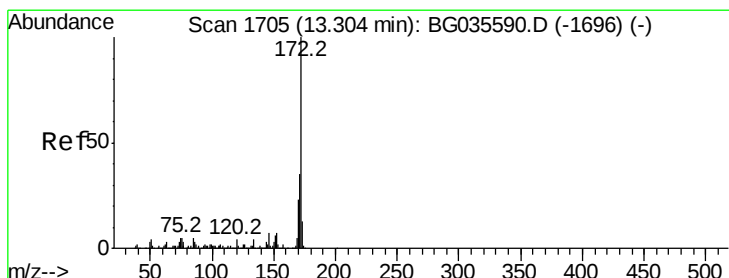
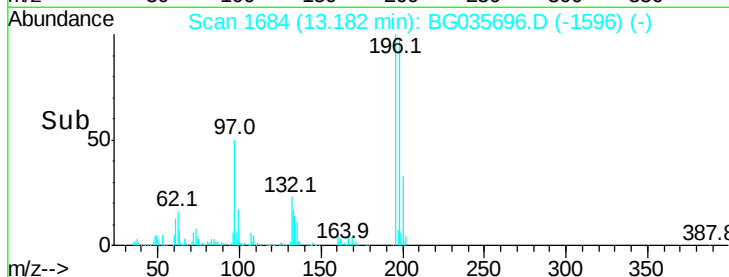


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E



Sohil

7/18/2018 3:27:51 PM



#44

2-Fluorobiphenyl

Concen: 92.047 ng

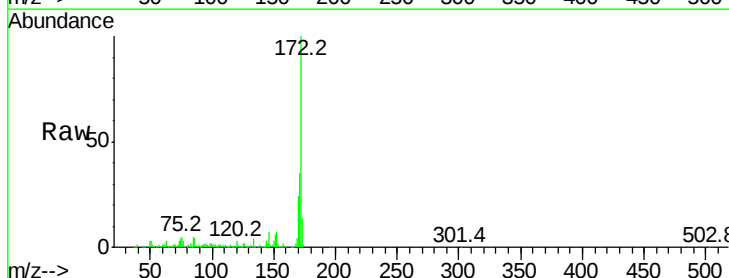
RT: 13.29 min Scan# 1702

Delta R.T. -0.02 min

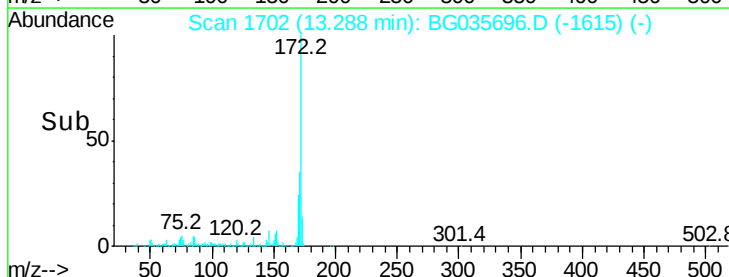
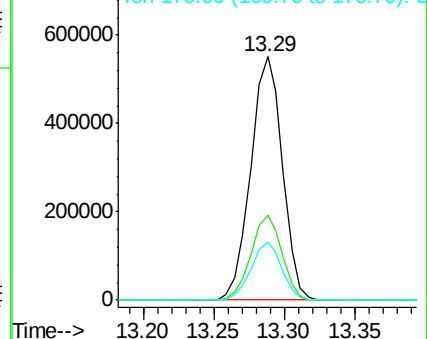
Lab File: BG035696.D

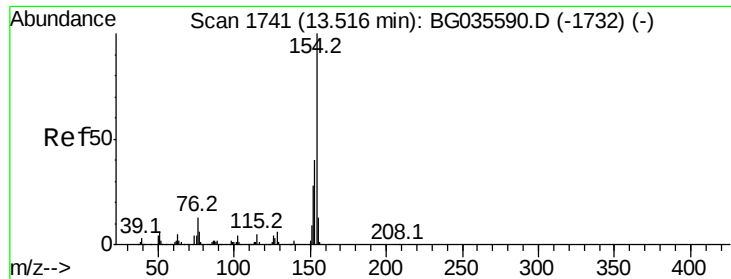
Acq: 17 Jul 2018 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		867329		
171	34.7	30.0	45.0		
170	24.0	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



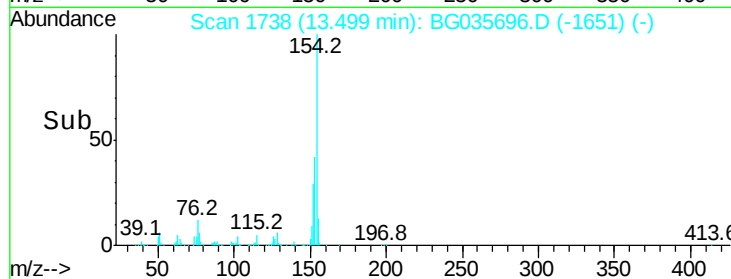
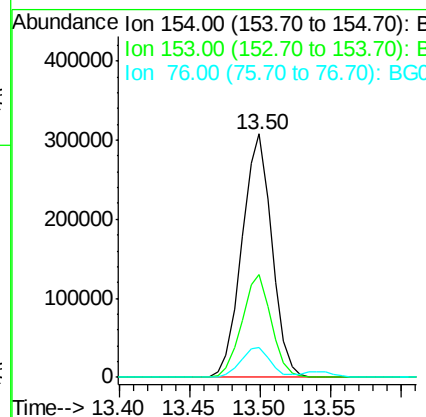
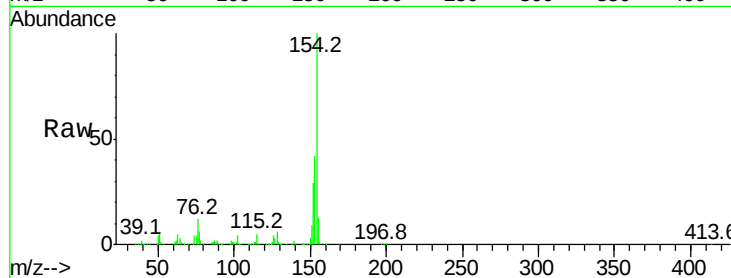


#45
 1,1'-Biphenyl
 Concen: 46.448 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

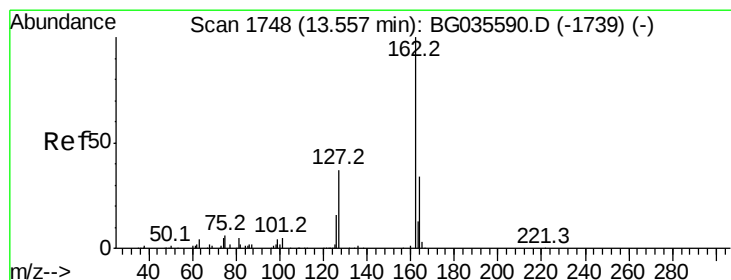
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	12.3	0.0	31.9

Manual Integrations
 APPROVED



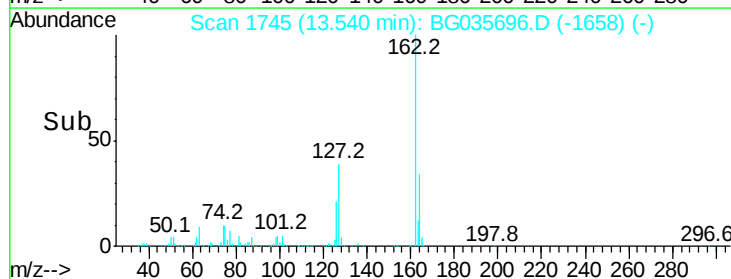
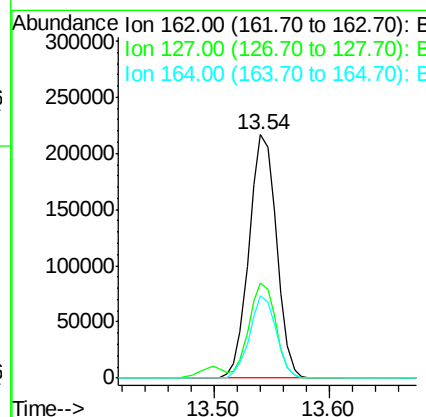
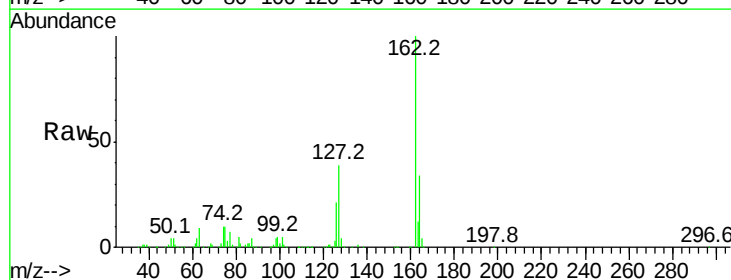
Sohil

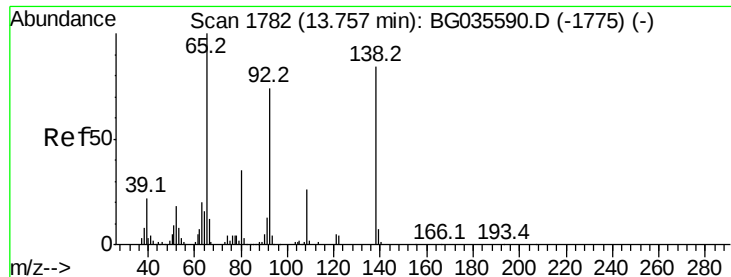
7/18/2018 3:27:51 PM



#46
 2-Chloronaphthalene
 Concen: 47.177 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.7	46.1
164	33.8	26.0	39.0



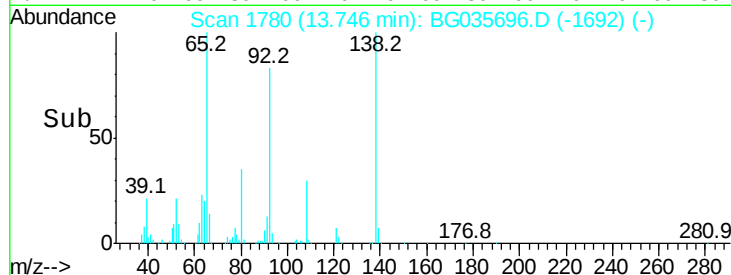
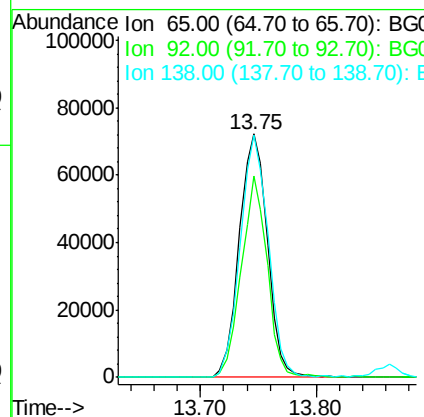
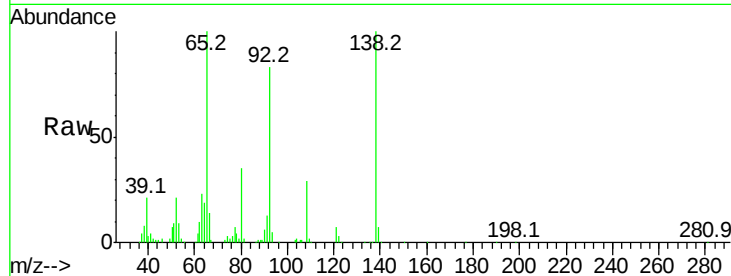


#47
2-Nitroaniline
Concen: 45.303 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampled :
PB111100BS

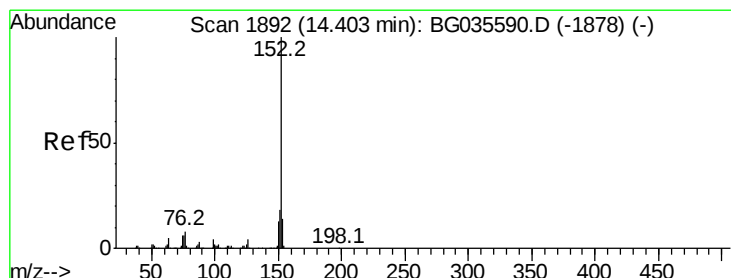
Tot Ion	Ratio	Lower	Upper
65	100		
92	82.6	54.6	82.0#
138	99.7	72.9	109.3

Manual Integrations
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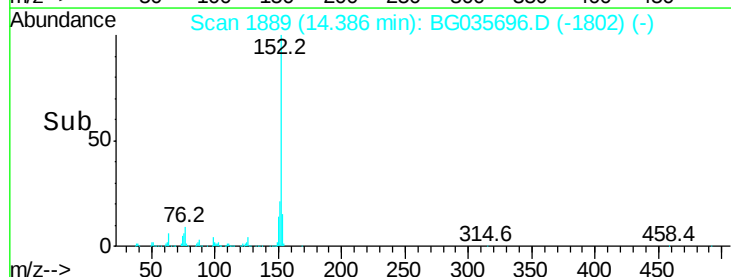
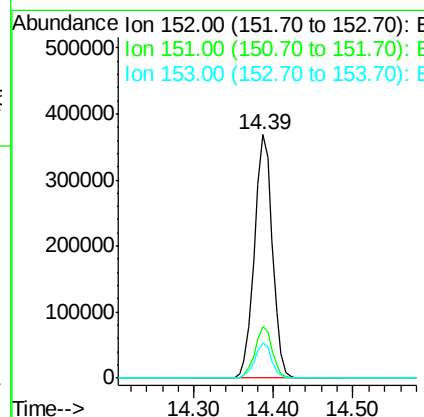
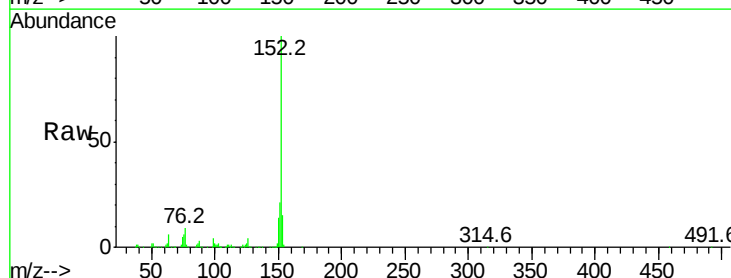
Sohil

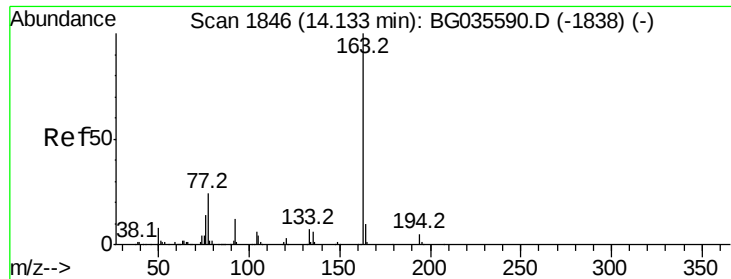
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#48
Acenaphthylene
Concen: 45.625 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.5	10.2	15.4



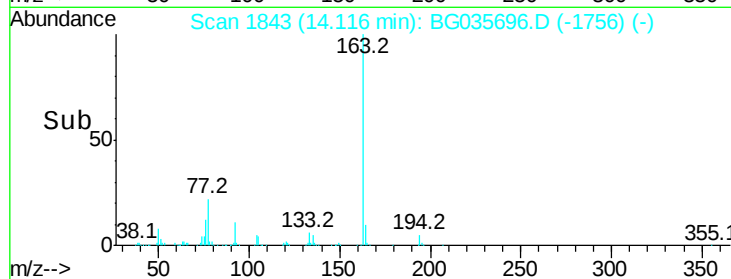
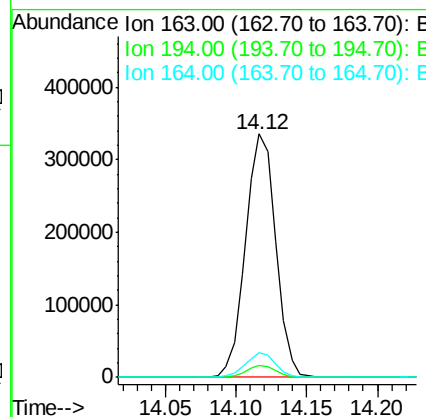
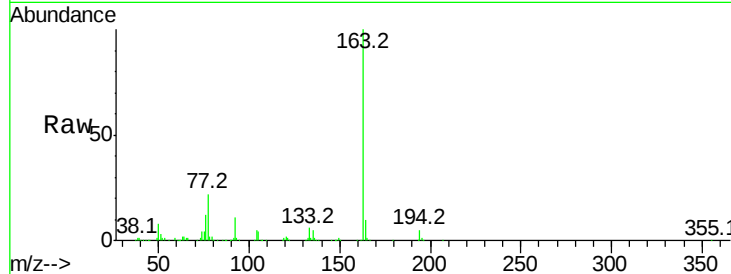


#49
Dimethylphthalate
Concen: 45.433 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

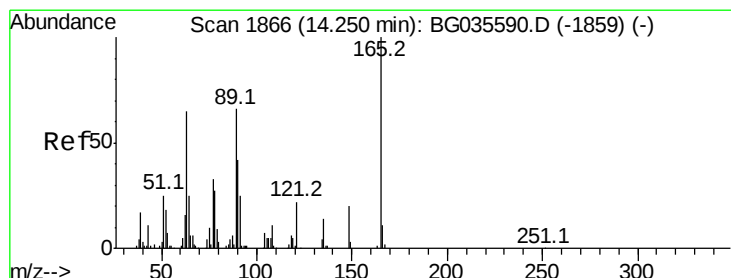
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.4	5.2	
164	10.2	8.2	12.4	

Manual Integrations
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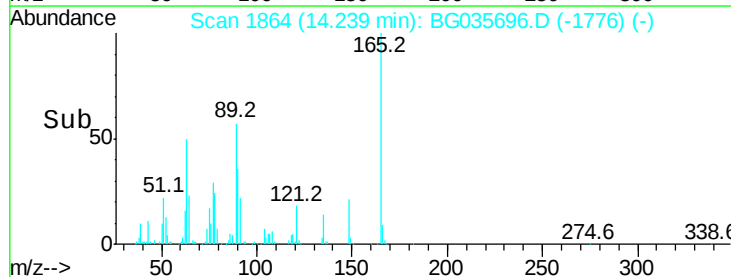
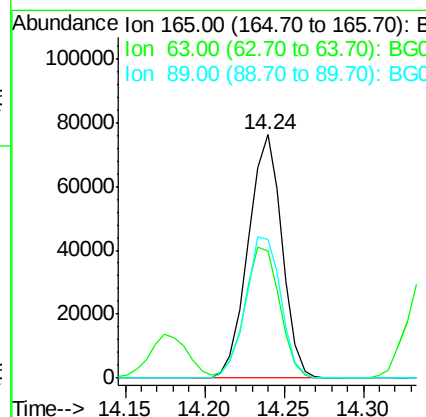
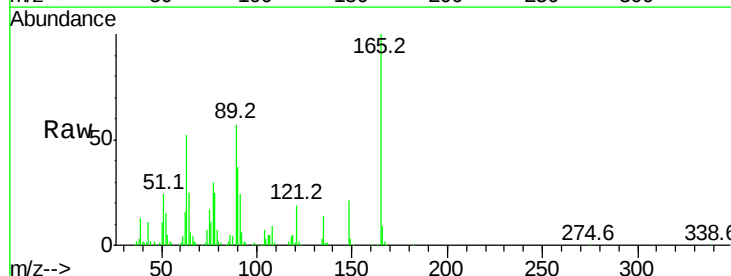
Sohil

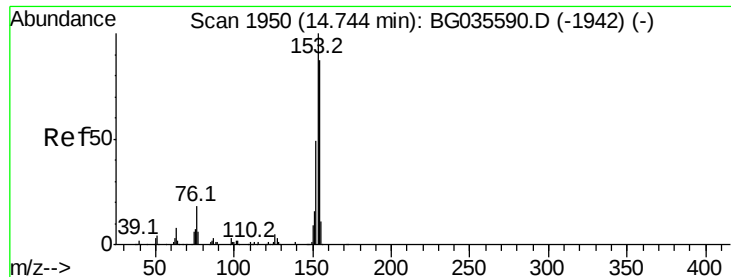
7/18/2018 3:27:51 PM



#50
2,6-Dinitrotoluene
Concen: 50.042 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.4	52.7	79.1#	
89	57.1	49.2	73.8	



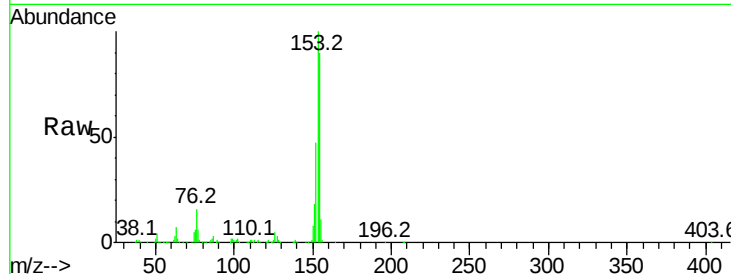


#51
Acenaphthene
Concen: 43.683 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

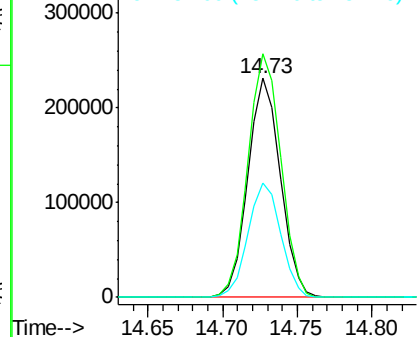
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.4	135.6
152	51.9	41.6	62.4

Manual Integrations
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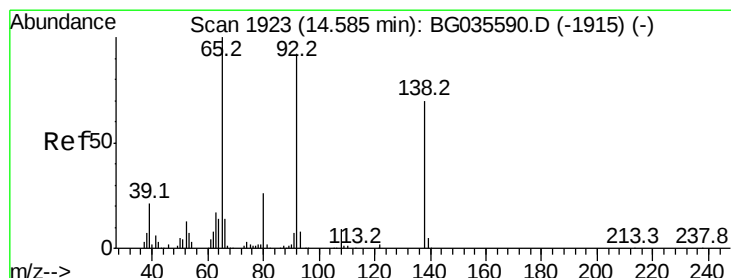
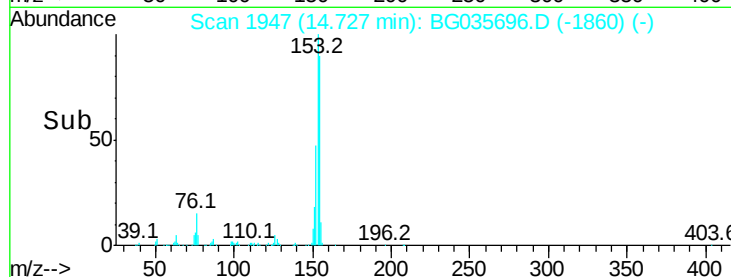


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



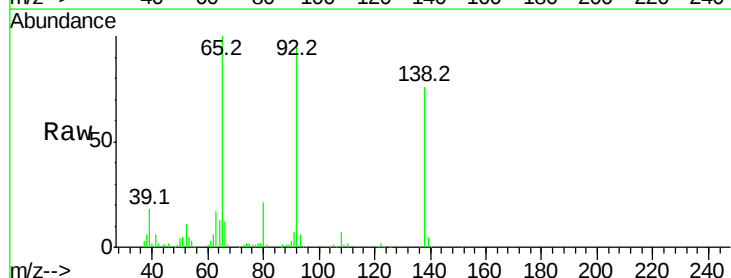
Sohil

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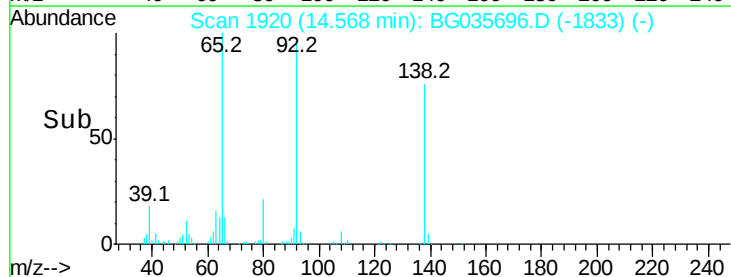
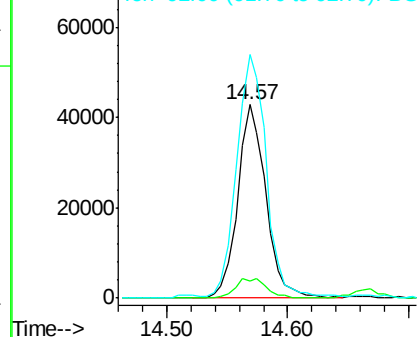


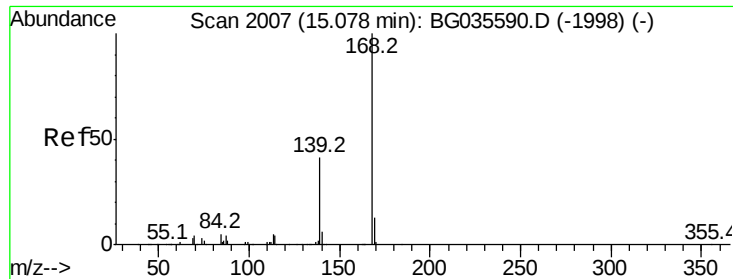
#52
3-Nitroaniline
Concen: 30.312 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.8	17.5	26.3#
92	126.0	105.8	158.8



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



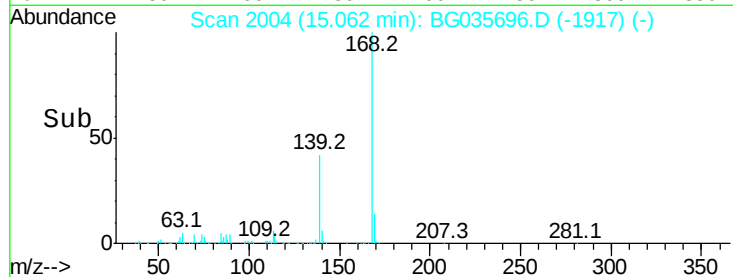
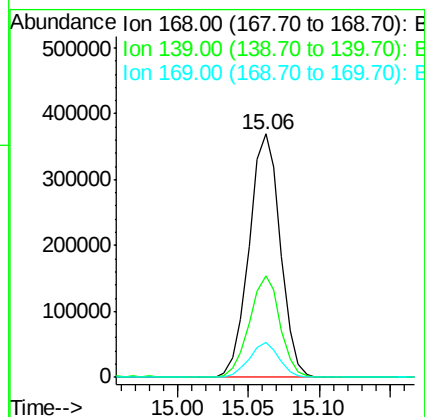
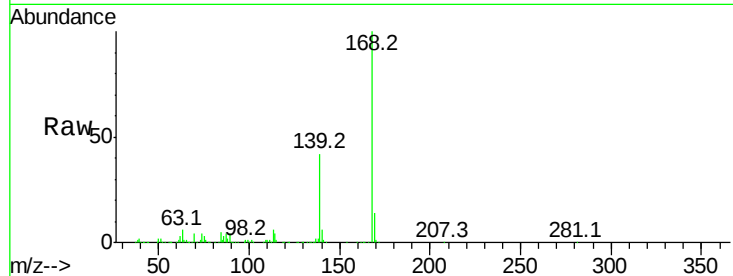


#54
Dibenzofuran
Concen: 45.347 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

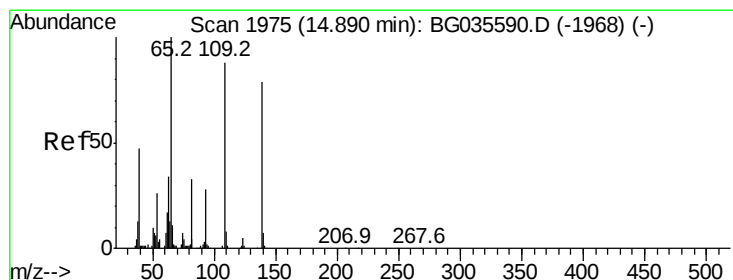
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.8	28.6	43.0	
169	14.3	11.2	16.8	

Manual Integrations
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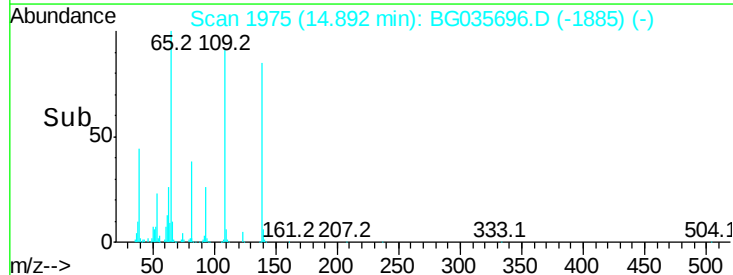
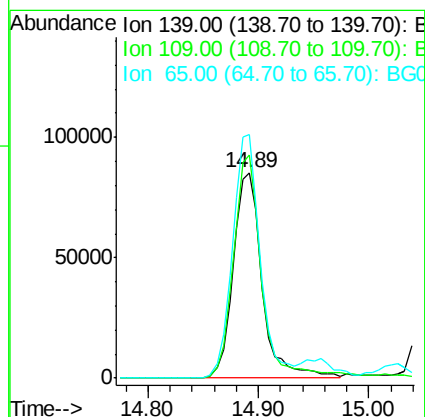
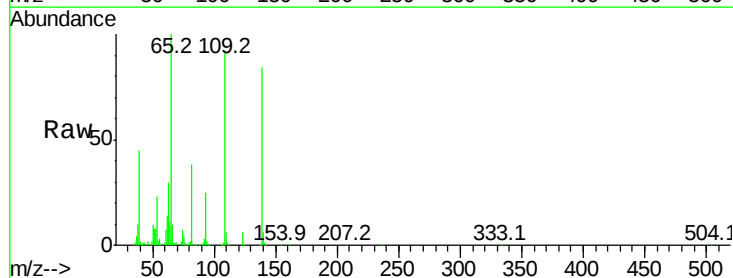
Sohil

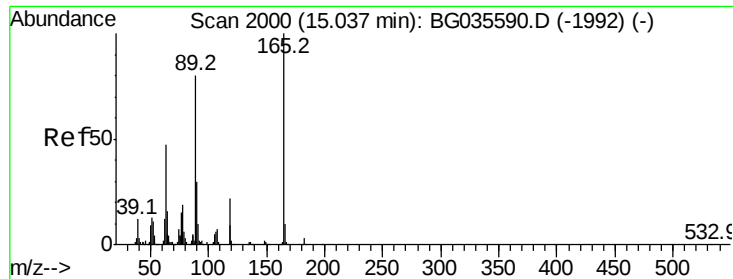
7/18/2018 3:27:51 PM



#55
4-Nitrophenol
Concen: 95.389 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.4	62.2	102.2#	
65	118.6	97.2	137.2	



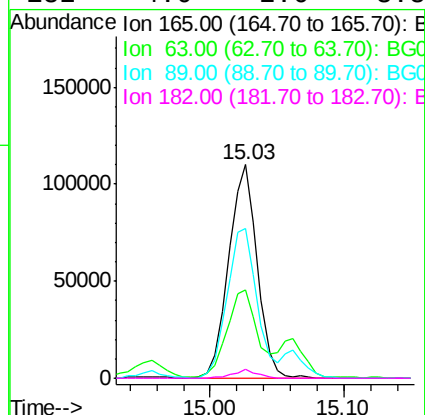
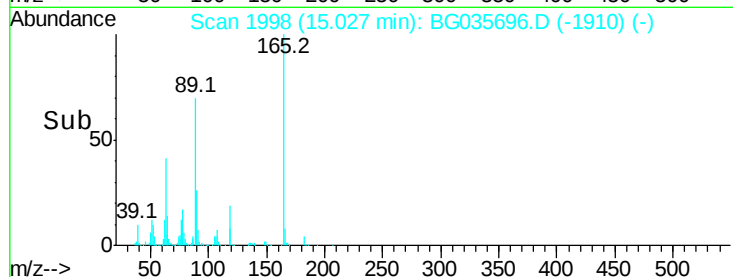
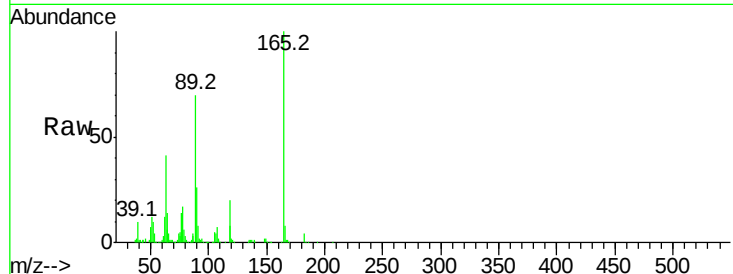


#56
2,4-Dinitrotoluene
Concen: 50.998 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

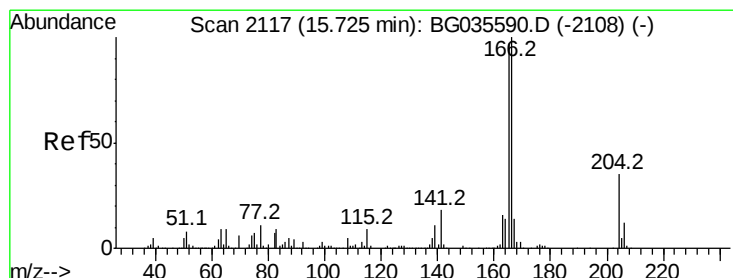
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	42.0	63.0#
89	70.4	66.9	100.3
182	4.0	2.6	3.8#

Manual Integrations
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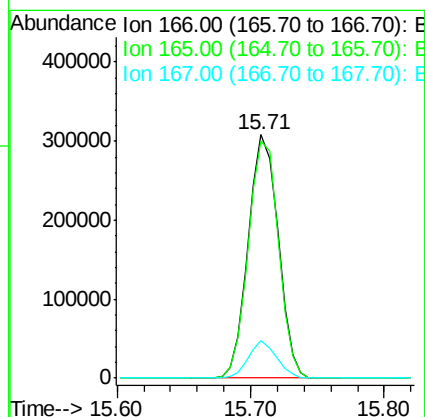
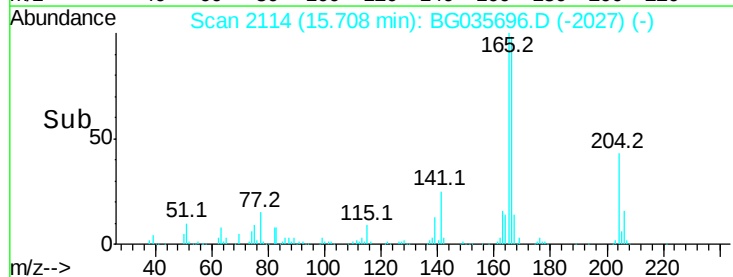
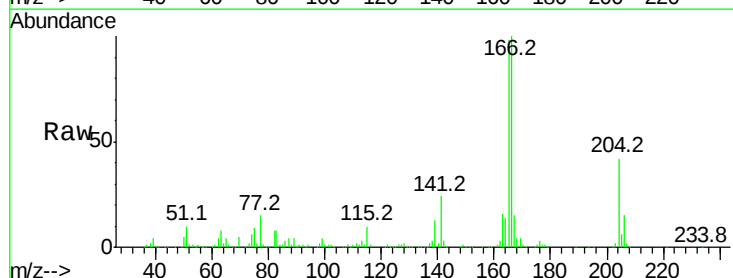
Sohil

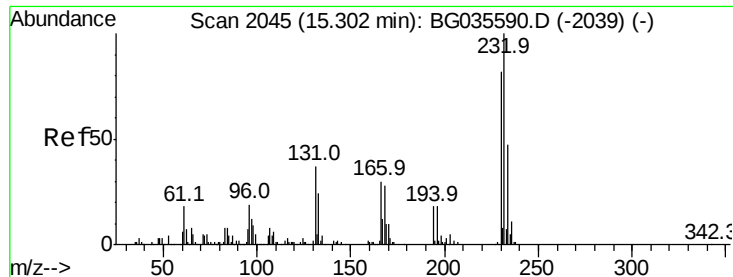
7/18/2018 3:27:51 PM



#57
Fluorene
Concen: 45.040 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.6	121.0
167	15.3	10.4	15.6



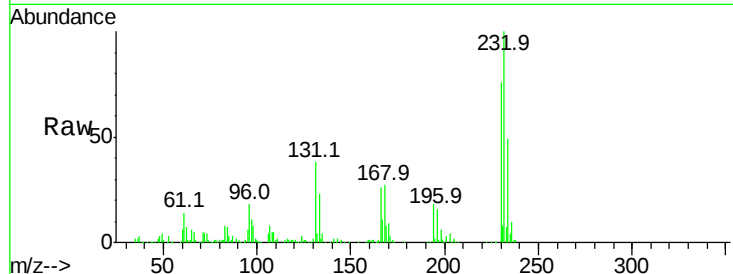


#58
2,3,4,6-Tetrachlorophenol
Concen: 50.485 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

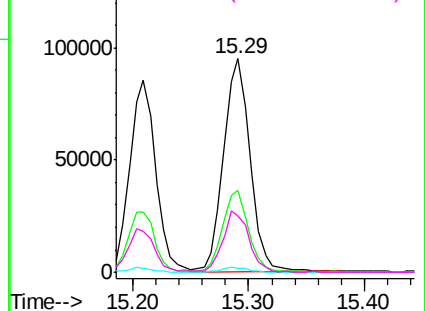
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	150884		
131	37.0		33.5	50.3
130	2.2		2.2	3.2
166	28.2		24.8	37.2

Manual Integrations
APPROVED

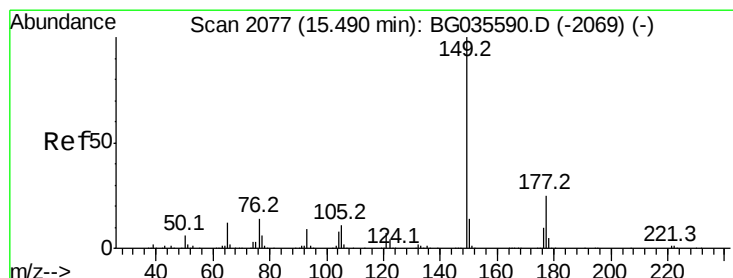


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



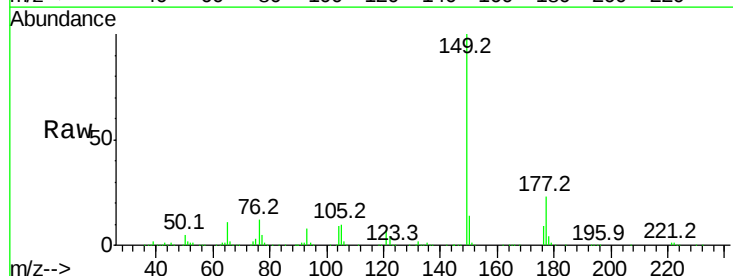
Sohil

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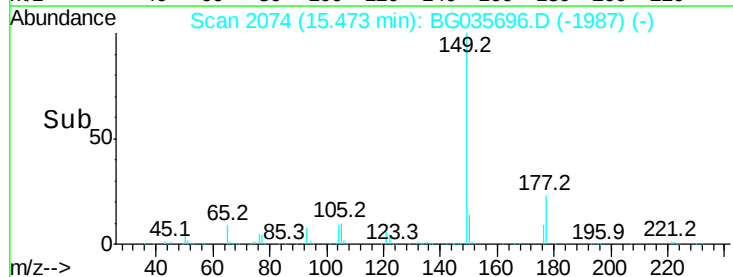
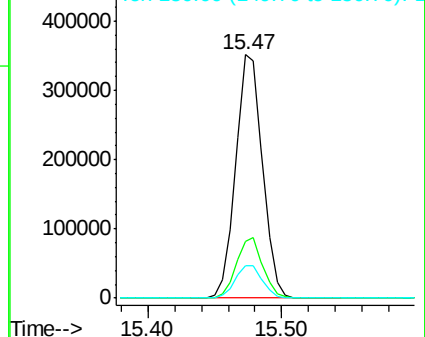


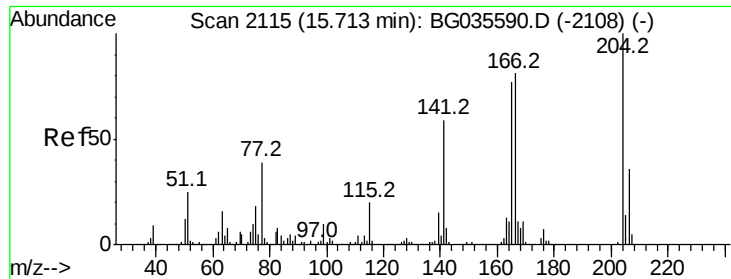
#59
Diethylphthalate
Concen: 43.117 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	490368		
177	23.2		18.5	27.7
150	13.6		10.2	15.2



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



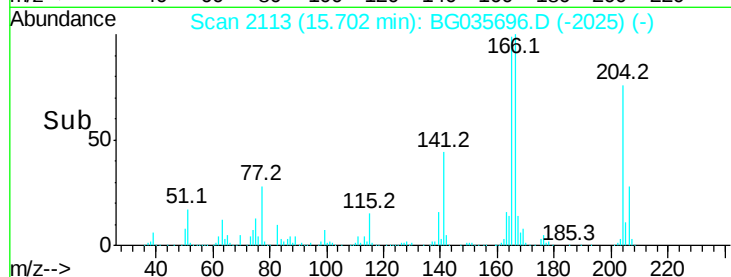
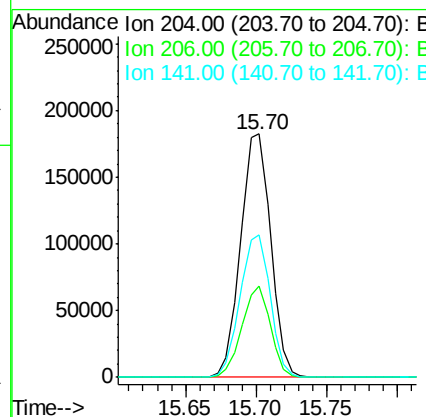
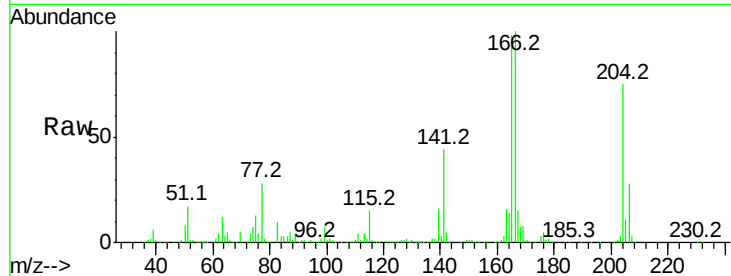


#60
4-Chlorophenyl-phenylether
Concen: 43.745 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

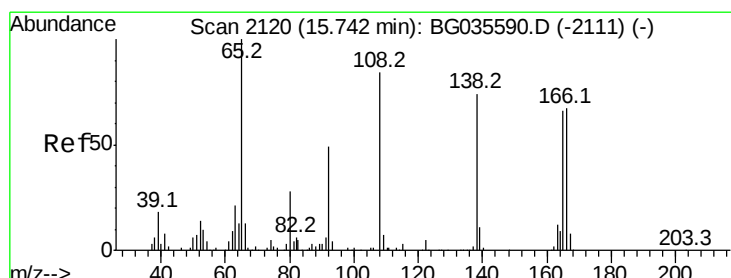
Tot Ion	Ratio	Lower	Upper
204	100		
206	37.2	26.2	39.2
141	58.4	45.8	68.6

Manual Integrations
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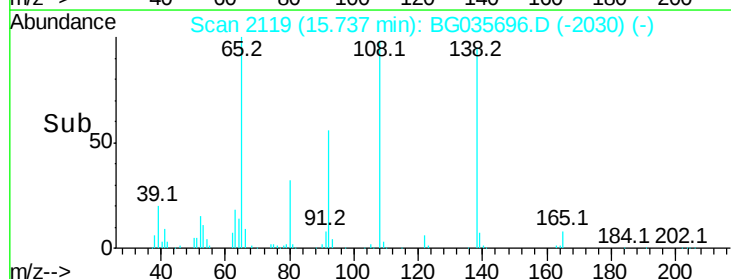
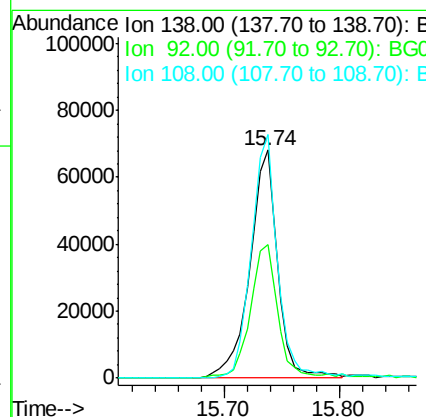
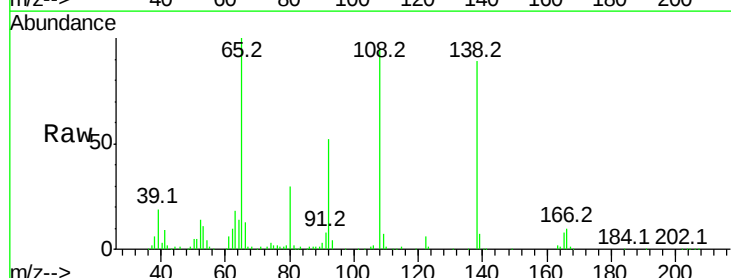
Sohil

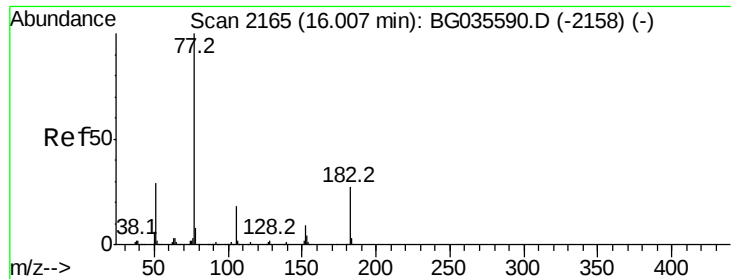
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#61
4-Nitroaniline
Concen: 47.459 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	40.1	80.1
108	106.8	65.4	105.4#



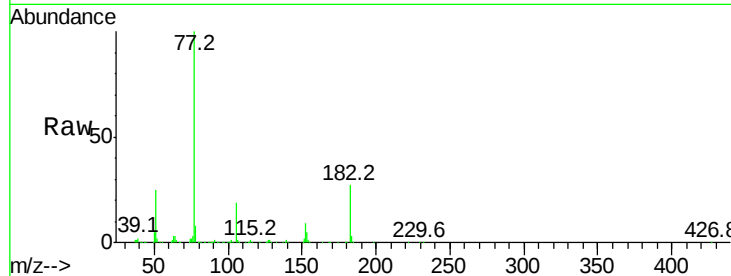


#62
Azobenzene
Concen: 44.649 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

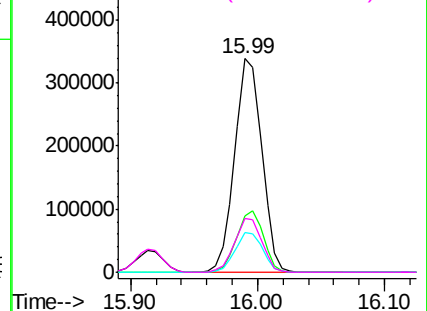
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.4	47.4
105	18.7	0.3	40.3
51	25.0	11.6	51.6

Manual Integrations
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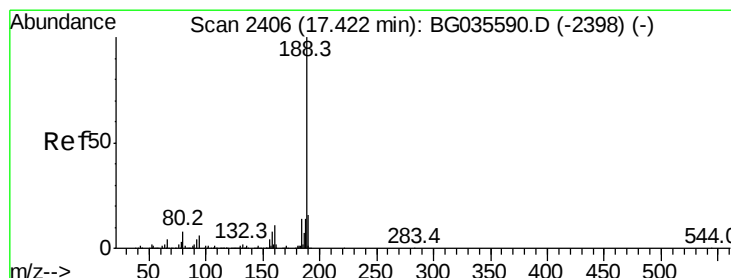
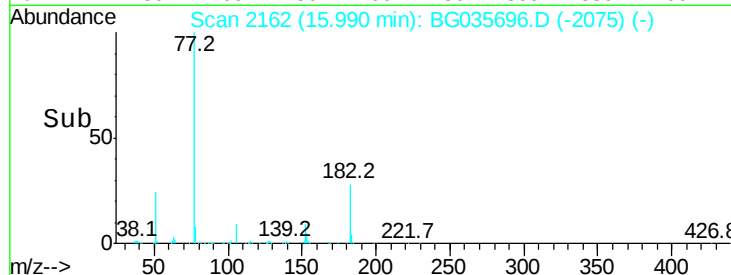


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



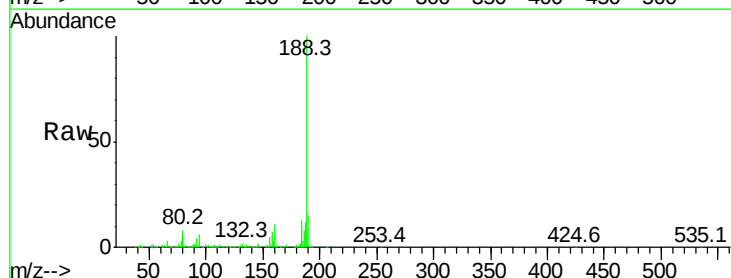
Sohil

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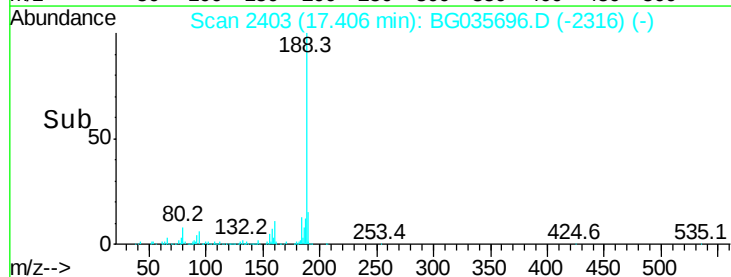
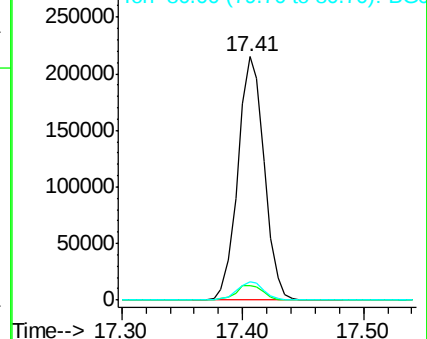


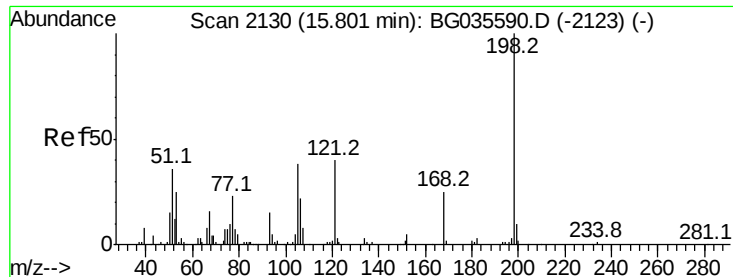
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.7	7.7	11.5#



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



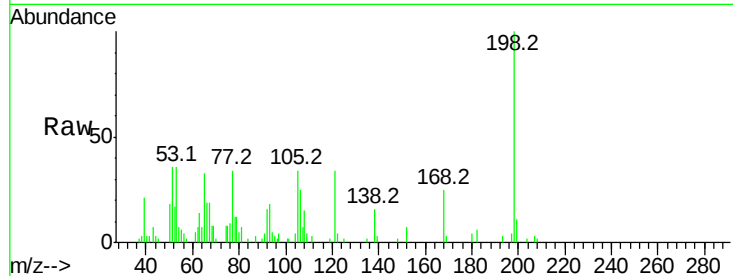


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.315 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

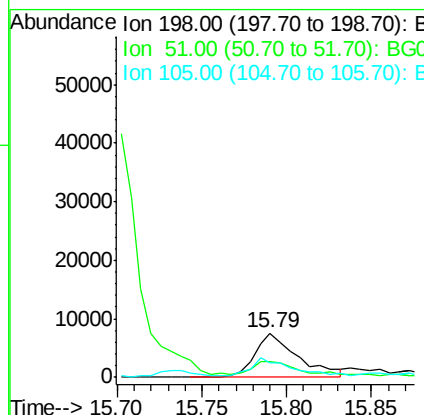
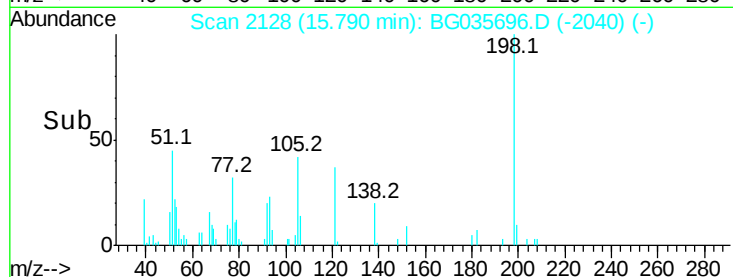
Instrument :
 BNA_G
 ClientSampled :
 PB111100BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.2	30.6	70.6
105	33.9	23.8	63.8

Manual Integrations
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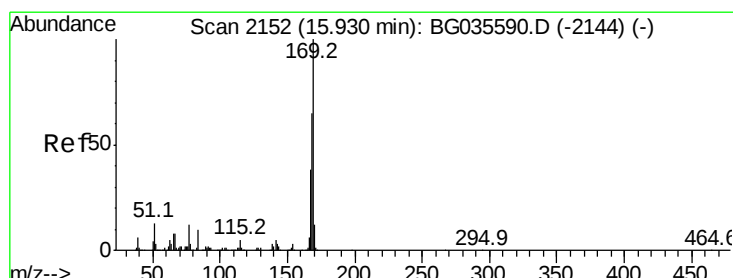


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E



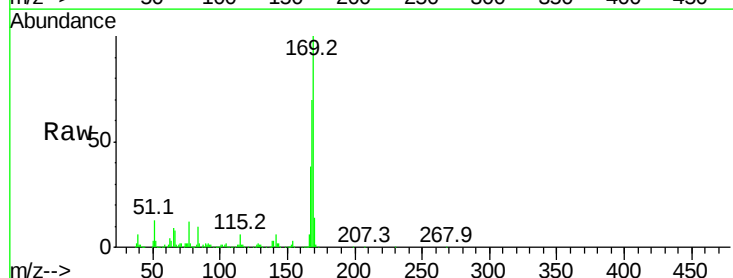
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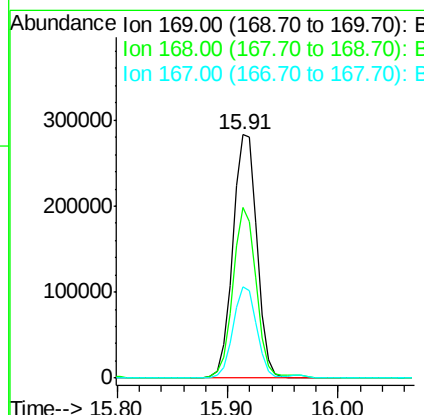
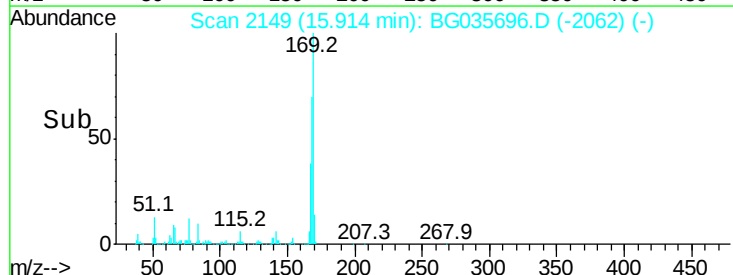


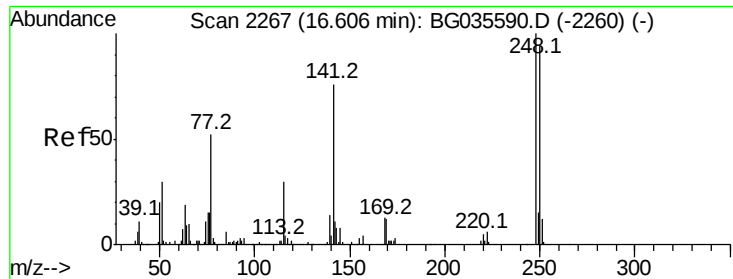
#65
 n-Nitrosodiphenylamine
 Concen: 46.564 ng
 RT: 15.91 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	37.6	30.1	45.1



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



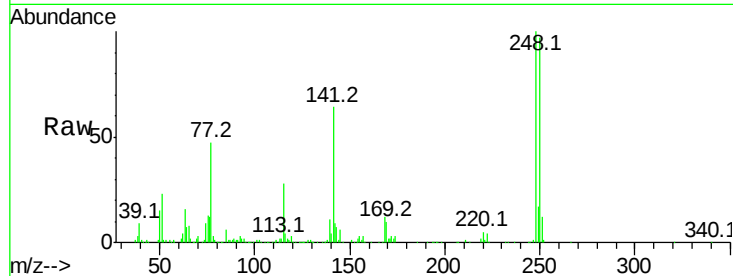


#66
4-Bromophenyl-phenylether
Concen: 48.177 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

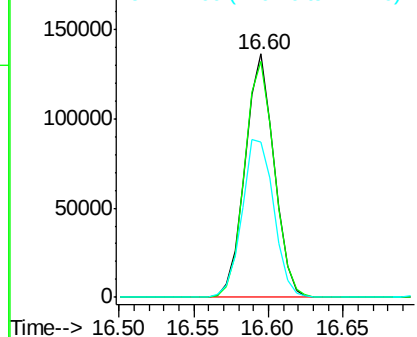
Instrument :
BNA_G
ClientSampleId :
PB111100BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	63.8	50.8	76.2

Manual Integrations
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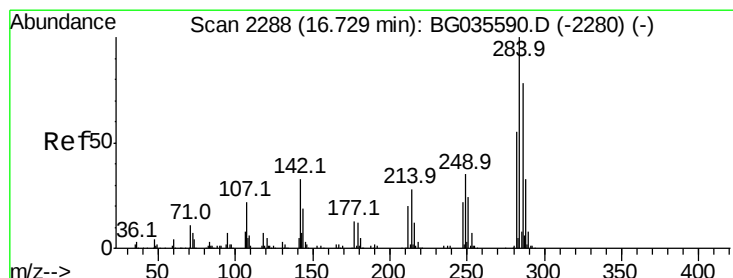
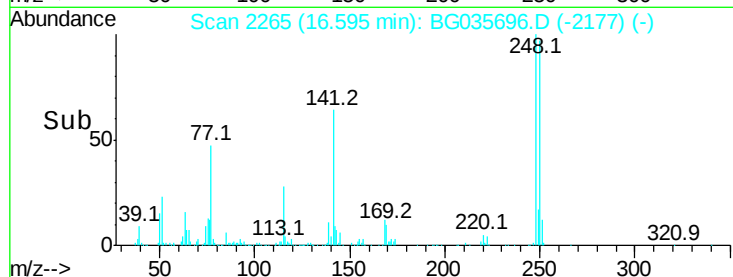


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



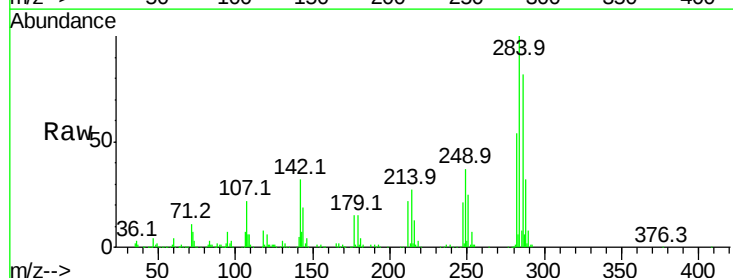
Sohil

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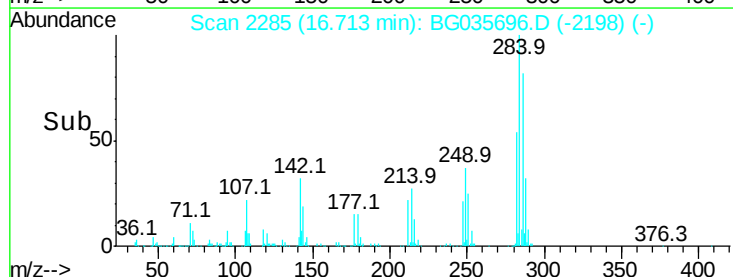
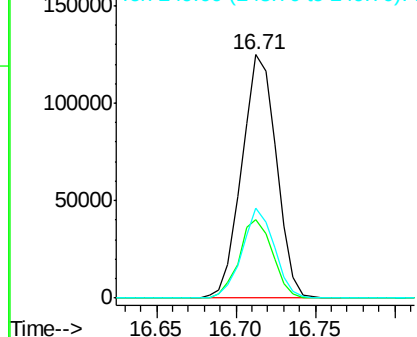


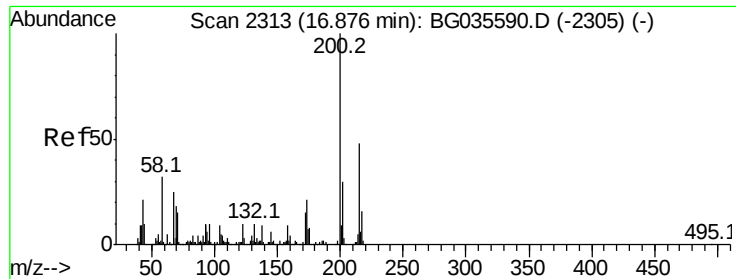
#67
Hexachlorobenzene
Concen: 48.249 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.8	40.2
249	37.0	26.3	39.5



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



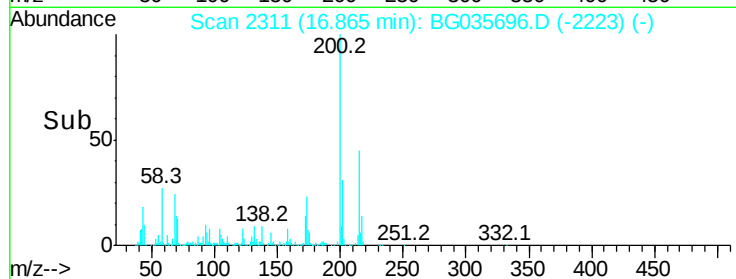
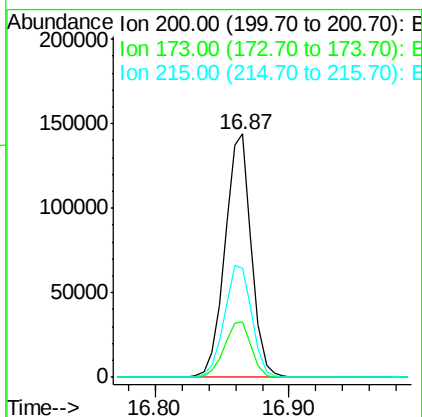
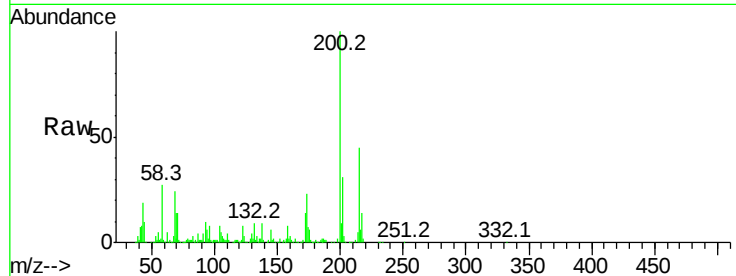


#68
Atrazine
Concen: 51.795 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampled :
PB111100BS

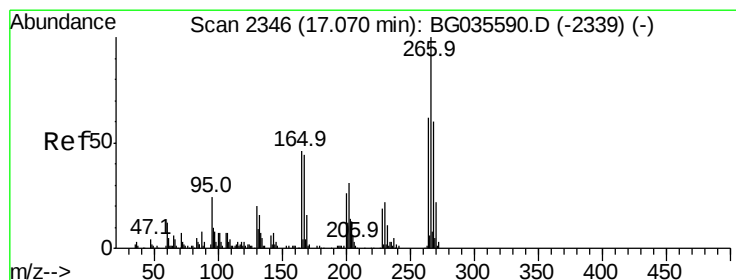
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	5.2	45.2
215	44.9	30.4	70.4

Manual Integrations
APPROVED



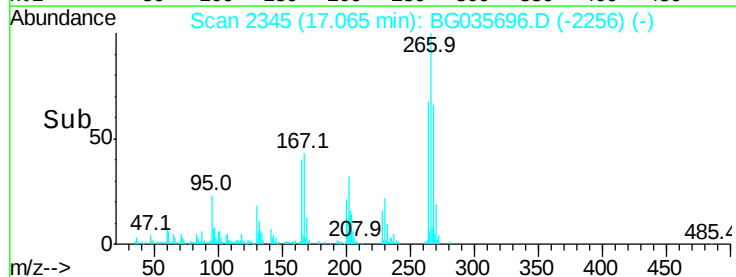
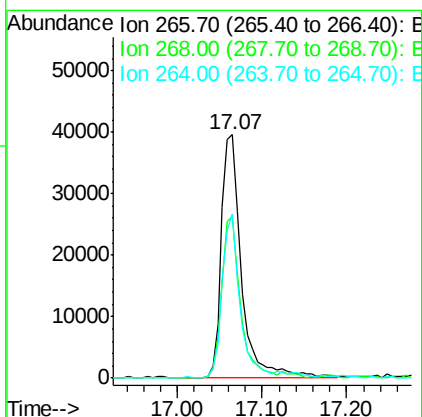
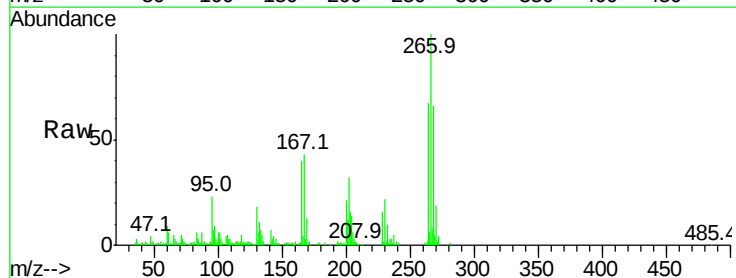
Sohil

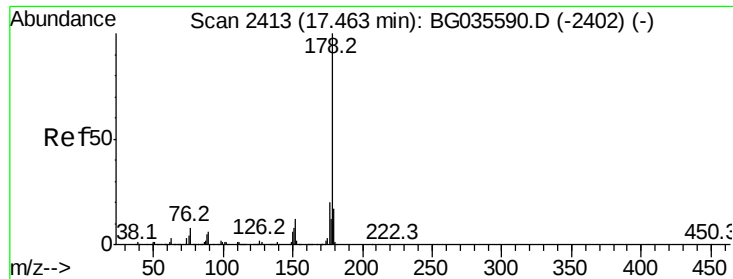
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#69
Pentachlorophenol
Concen: 27.808 ng
RT: 17.07 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.2	51.1	76.7
264	67.3	49.6	74.4



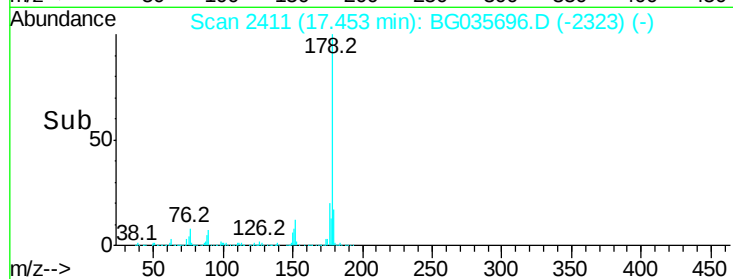
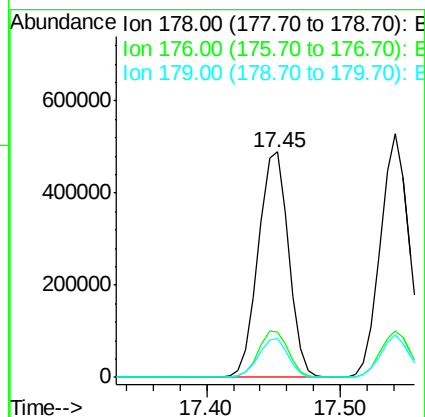
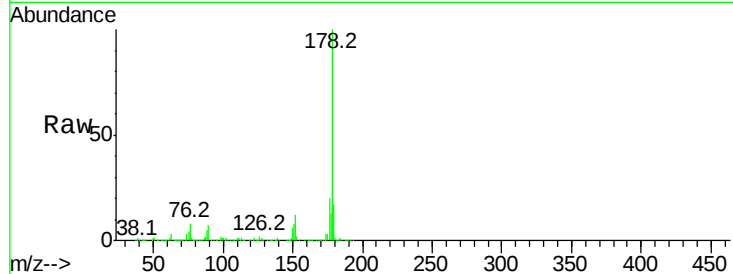


#70
 Phenanthrene
 Concen: 46.863 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

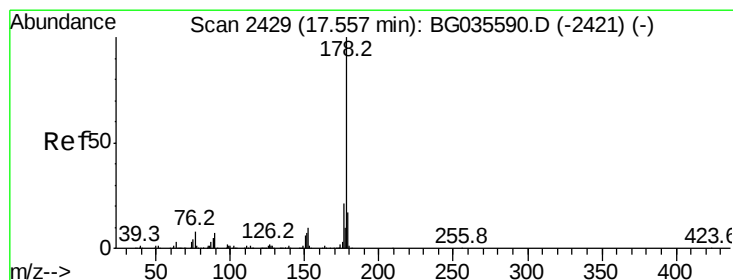
Tot Ion:178	Resp:	765074
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.7 23.5
179	17.2	12.5 18.7

Manual Integrations
 APPROVED



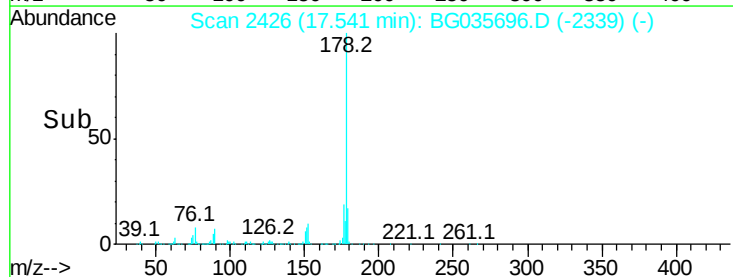
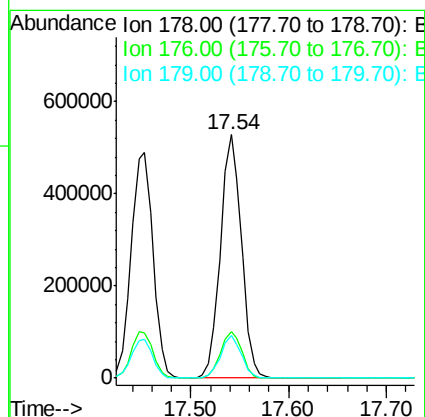
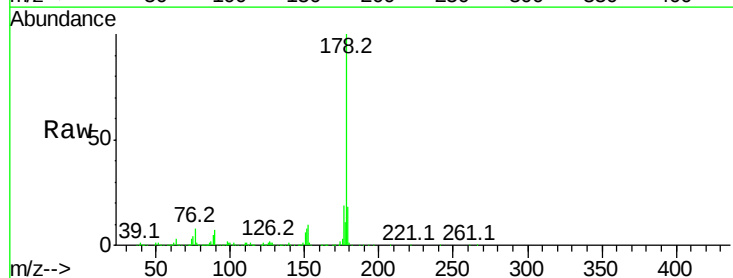
Sohil

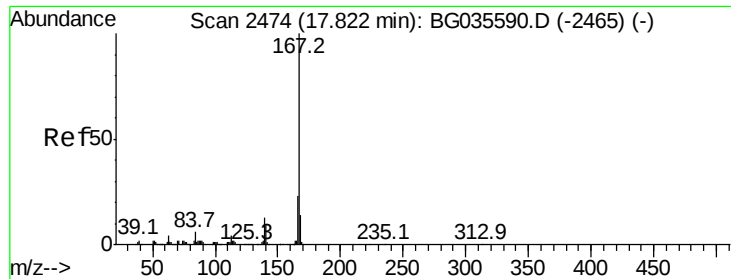
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#71
 Anthracene
 Concen: 48.476 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion:178	Resp:	788030
Ion Ratio	Lower	Upper
178	100	
176	19.2	16.0 24.0
179	17.5	12.5 18.7





#72

Carbazole

Concen: 47.016 ng

RT: 17.81 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

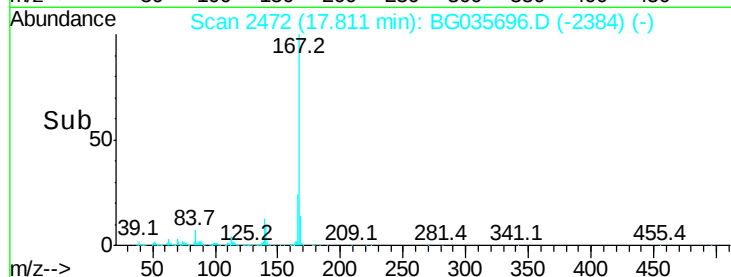
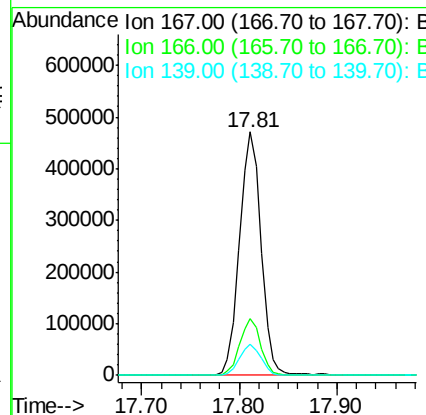
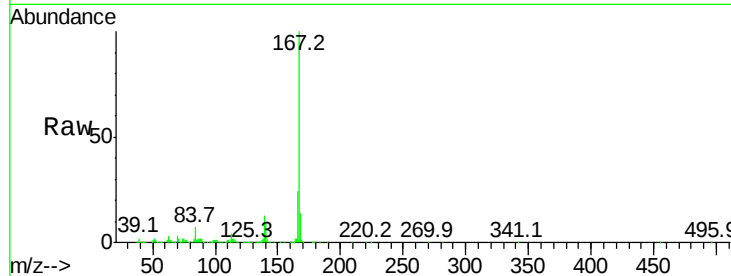
BNA_G

ClientSampleId :

PB111100BS

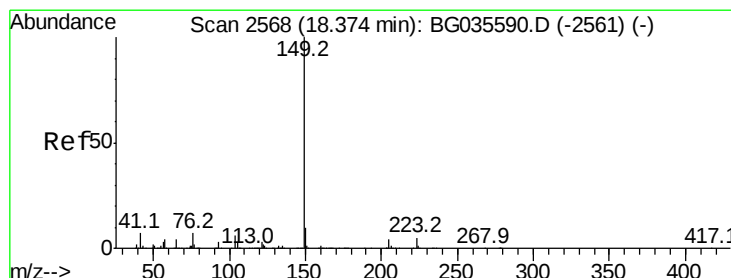
Tot Ion:	167	Resp:	725832
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.2	27.4
139	12.7	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 45.279 ng

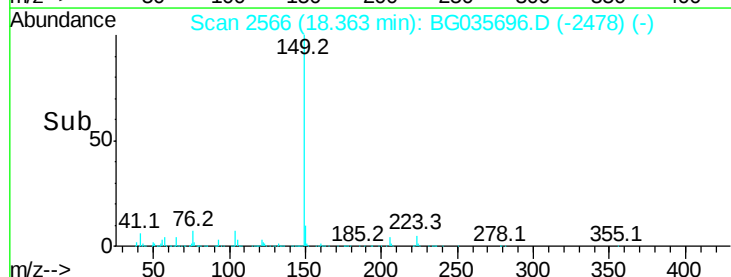
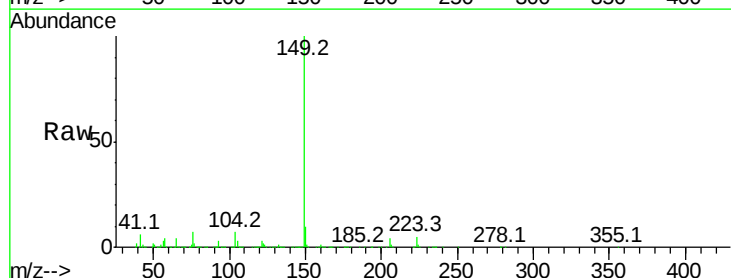
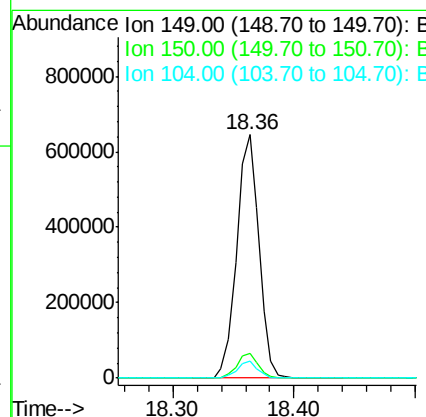
RT: 18.36 min Scan# 2566

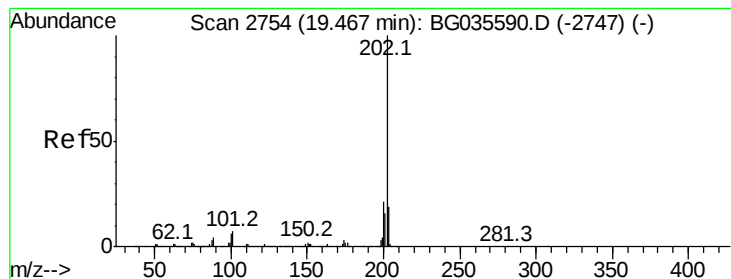
Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	149	Resp:	826051
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	7.2	3.9	5.9





#74

Fluoranthene

Concen: 46.070 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

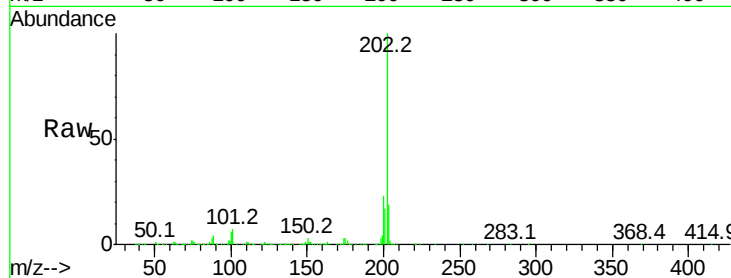
BNA_G

ClientSampleId :

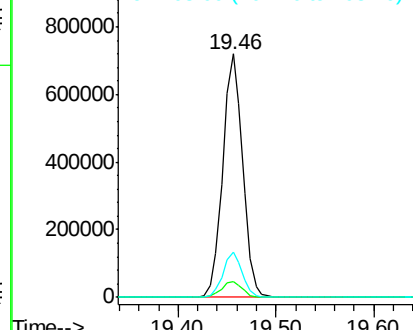
PB111100BS

Tot Ion:	202	Resp:	1013120
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.9
203	18.7	0.0	37.5

Manual Integrations
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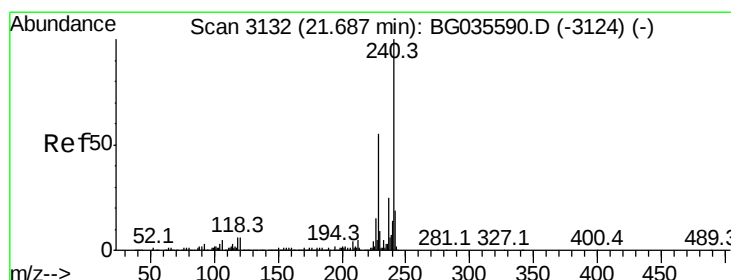
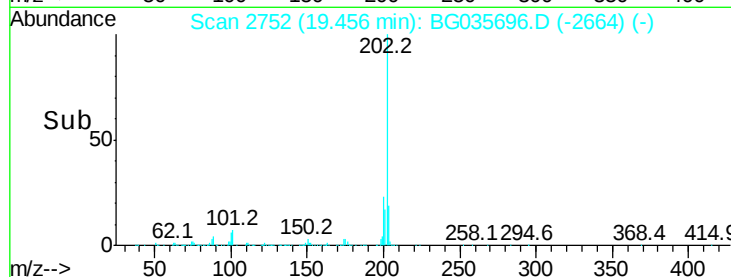


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

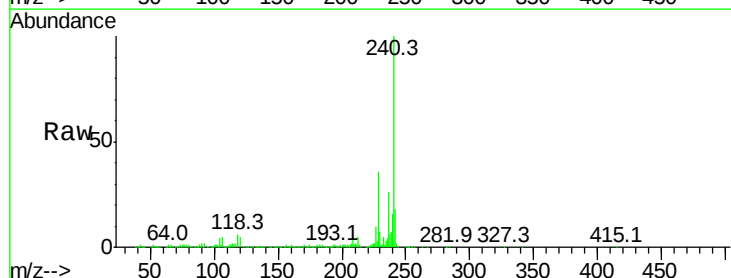
RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

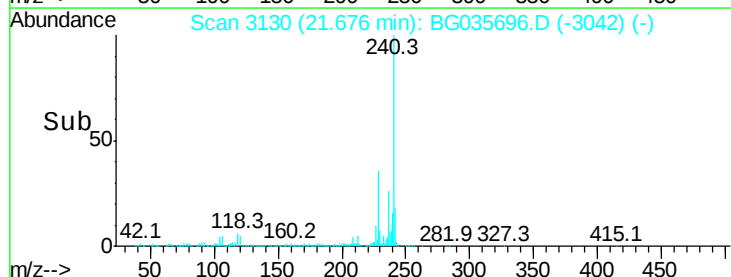
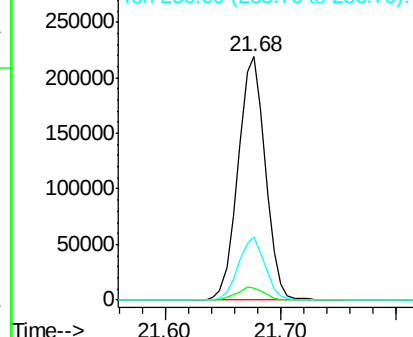
Lab File: BG035696.D

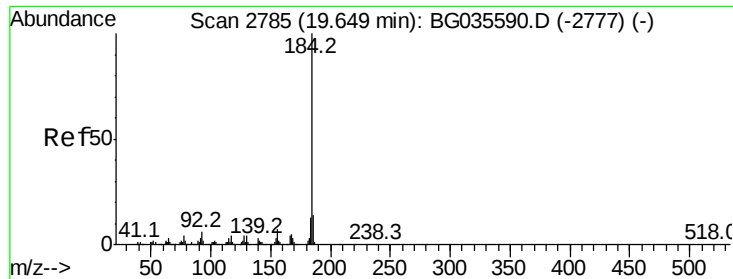
Acq: 17 Jul 2018 23:47

Tgt Ion:	240	Resp:	356865
Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	25.9	20.9	31.3



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





#76

Benzidine

Concen: 47.695 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

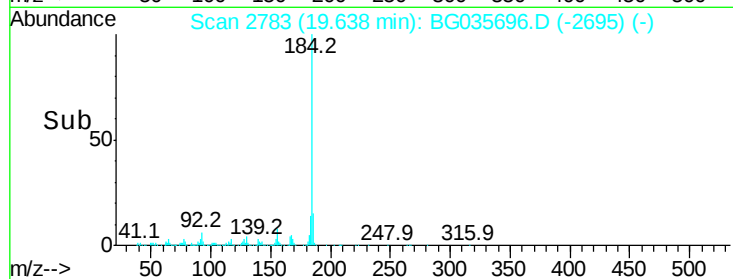
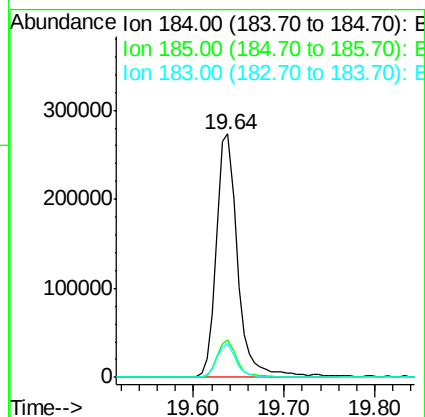
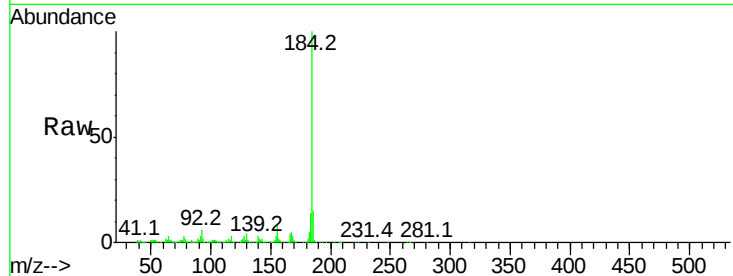
BNA_G

ClientSampleId :

PB111100BS

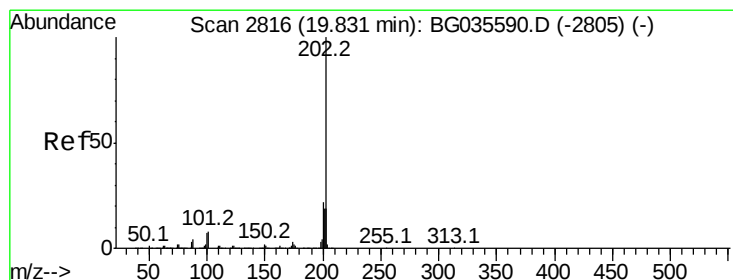
Tot Ion:	184	Resp:	447482
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.1	16.7
183	13.8	10.6	16.0

Manual Integrations
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#77

Pyrene

Concen: 44.896 ng

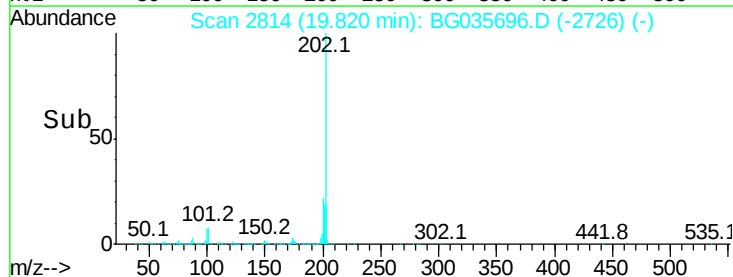
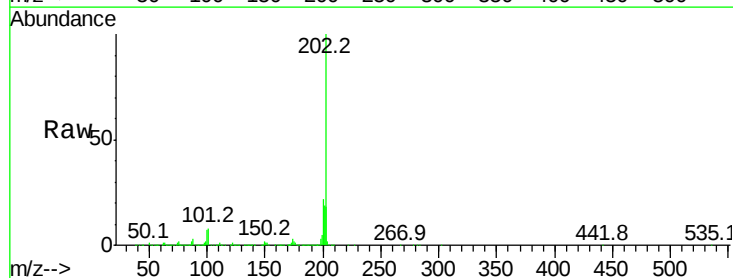
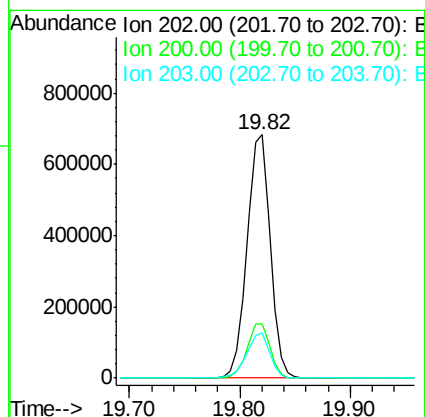
RT: 19.82 min Scan# 2814

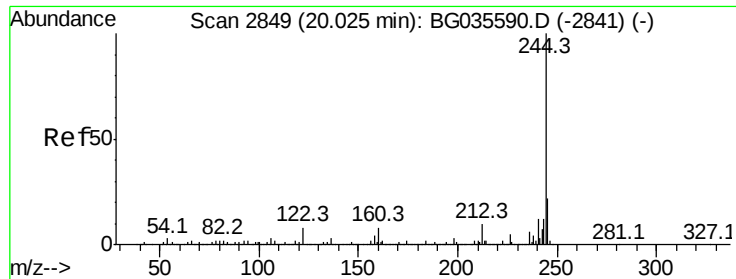
Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	202	Resp:	1013067
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.9	25.3
203	18.5	13.9	20.9



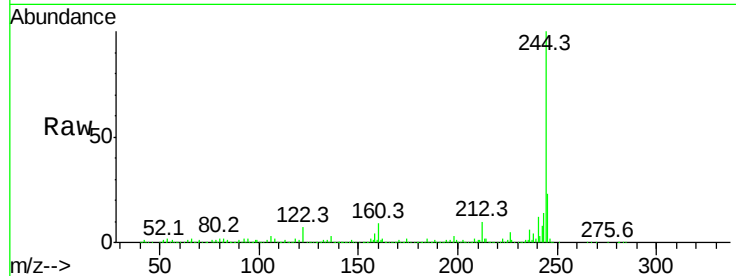


#78
 Terphenyl-d14
 Concen: 92.143 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

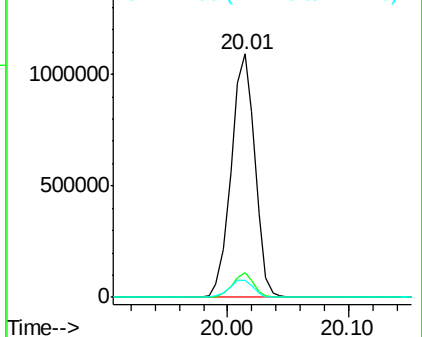
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

Tot Ion:244 Resp: 1491750
 Ion Ratio Lower Upper
 244 100
 212 10.0 5.8 8.8#
 122 7.1 7.0 10.4

Manual Integrations
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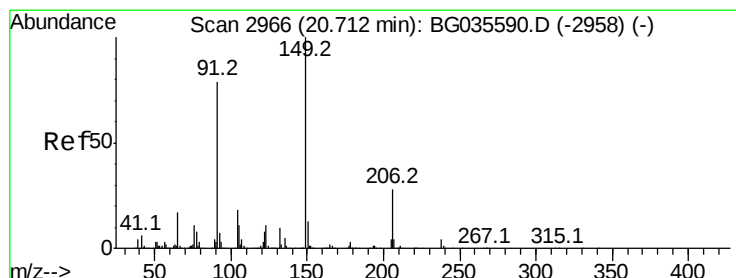
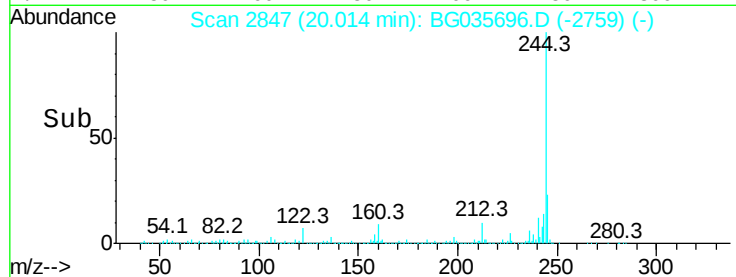


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



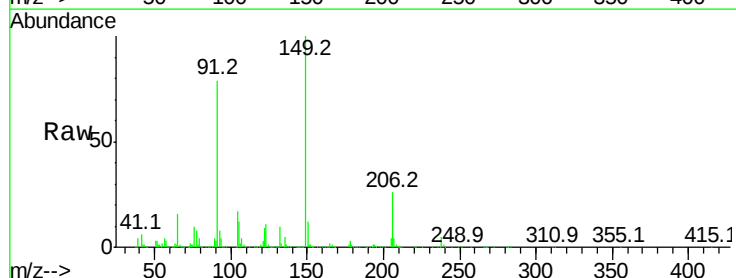
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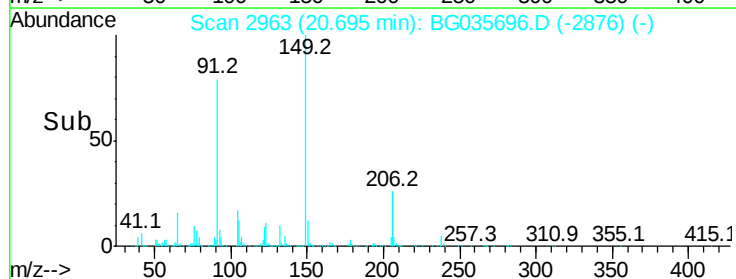
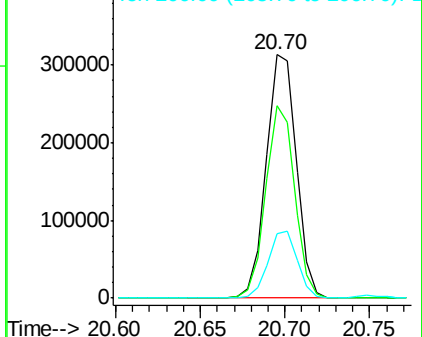


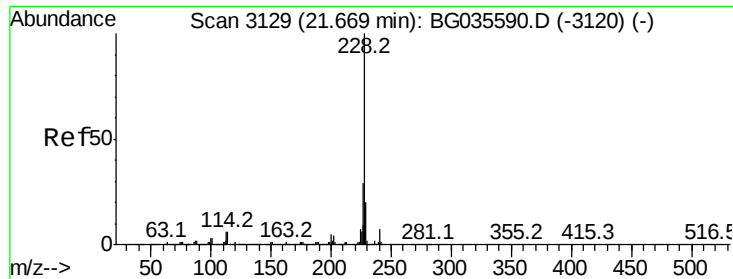
#79
 Butylbenzylphthalate
 Concen: 47.837 ng
 RT: 20.70 min Scan# 2963
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion:149 Resp: 386012
 Ion Ratio Lower Upper
 149 100
 91 79.0 62.2 93.2
 206 26.4 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.411 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

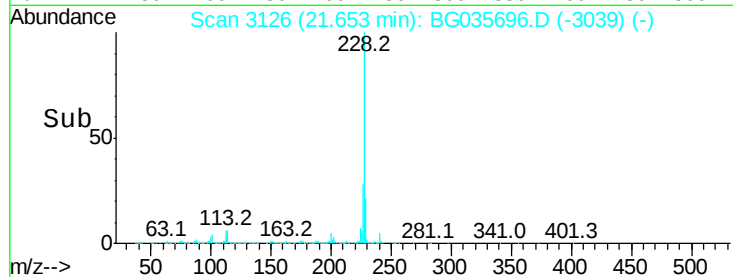
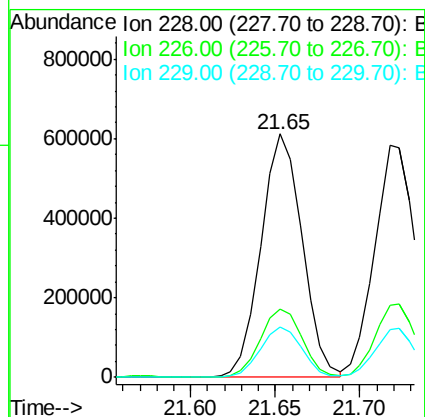
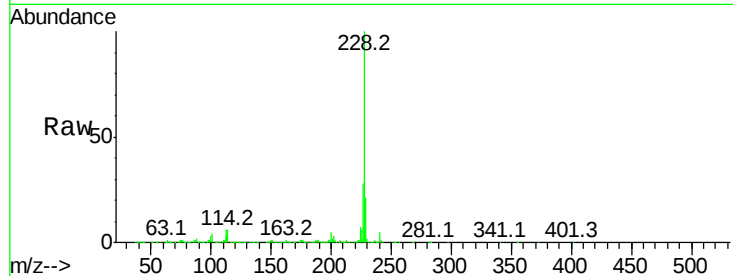
BNA_G

ClientSampleId :

PB111100BS

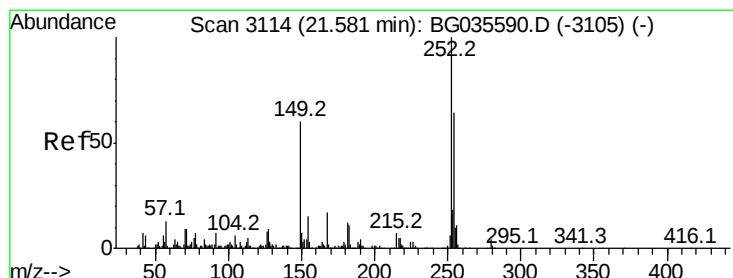
Tot Ion:	228	Resp:	1032123
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.6	16.2	24.2

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 31.386 ng

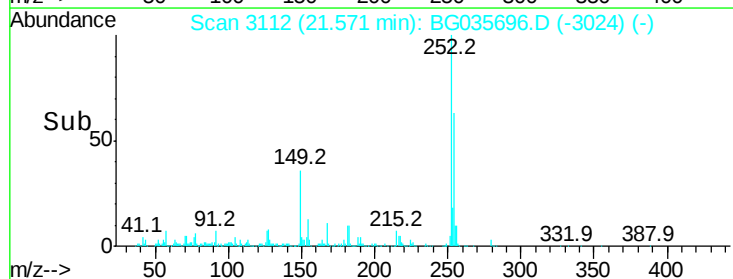
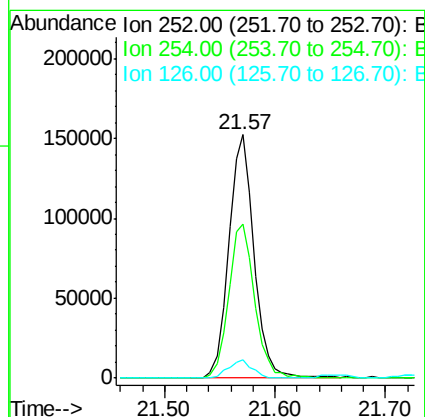
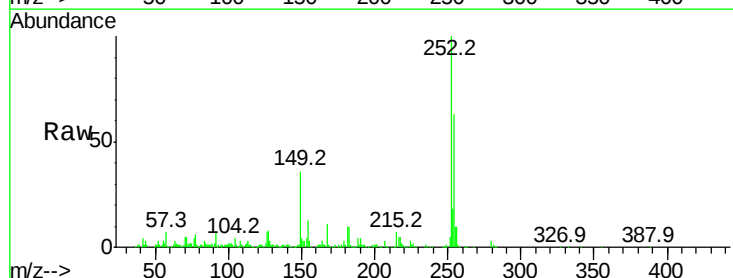
RT: 21.57 min Scan# 3112

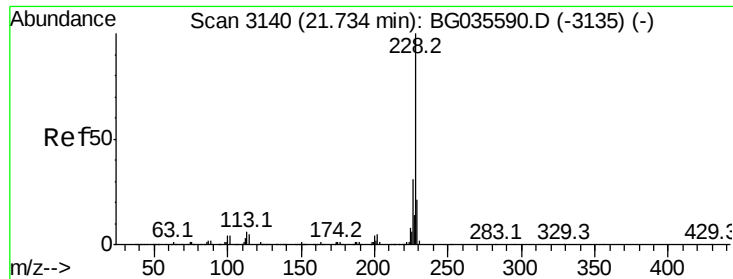
Delta R.T. -0.01 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	252	Resp:	243371
Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	7.4	7.4	11.2#





#82

Chrysene

Concen: 47.607 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

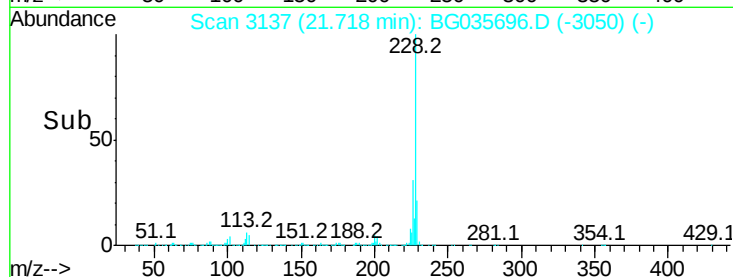
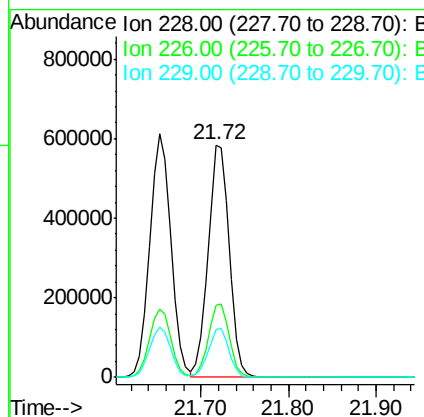
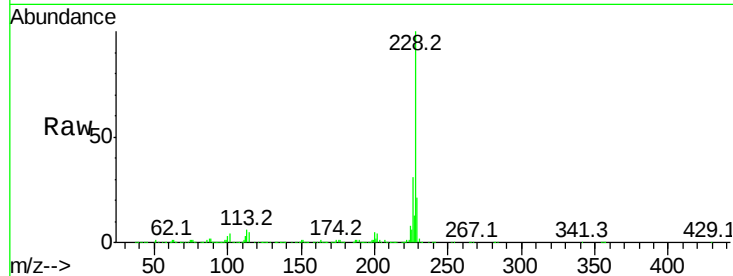
BNA_G

ClientSampleId :

PB111100BS

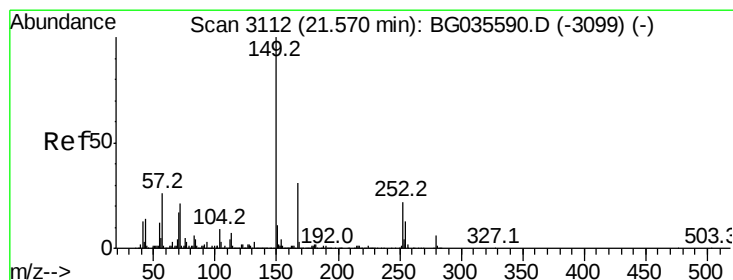
Tot Ion:	228	Resp:	981100
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	20.6	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 48.669 ng

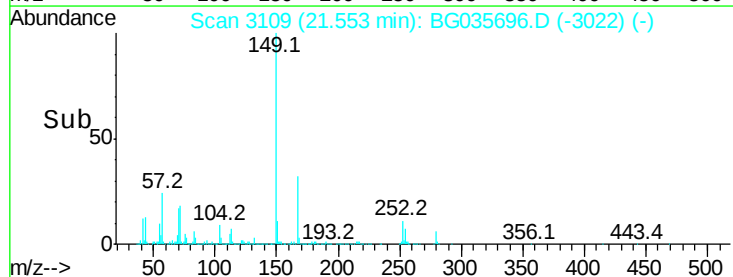
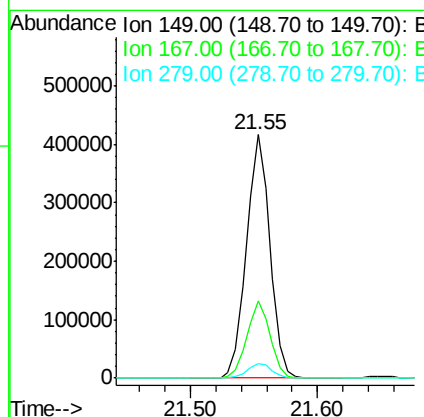
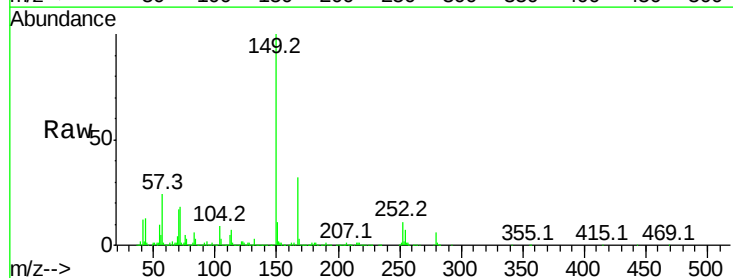
RT: 21.55 min Scan# 3109

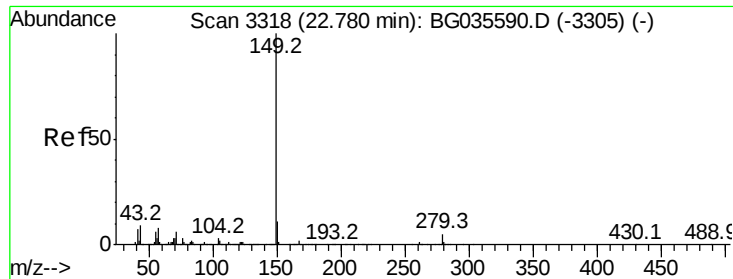
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	149	Resp:	533911
Ion Ratio	Lower	Upper	
149	100		
167	31.6	24.3	36.5
279	6.0	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 50.571 ng

RT: 22.76 min Scan# 3314

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

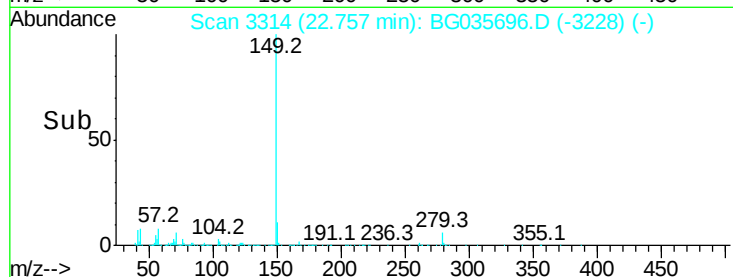
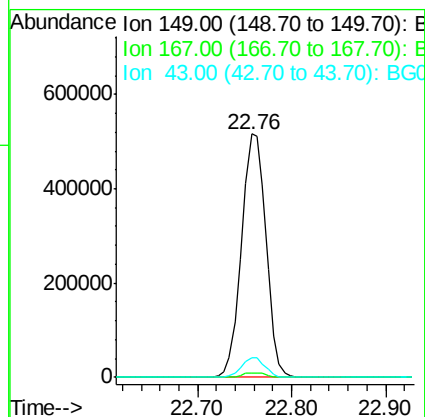
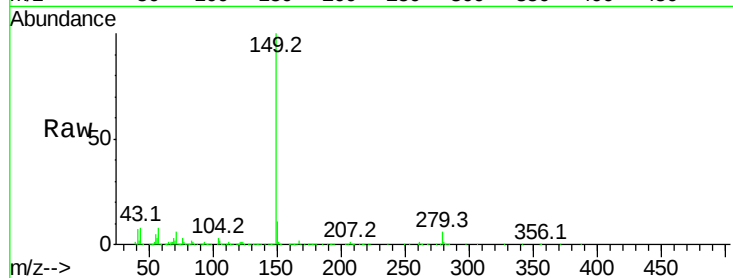
BNA_G

ClientSampleId :

PB111100BS

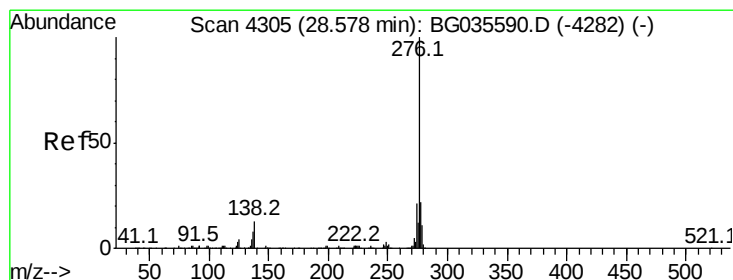
Tot Ion:	149	Resp:	928895
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.8	8.9	13.3#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.531 ng

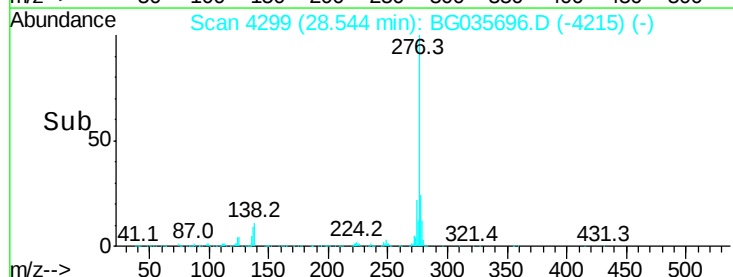
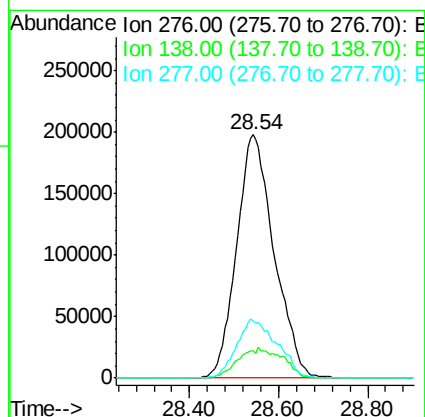
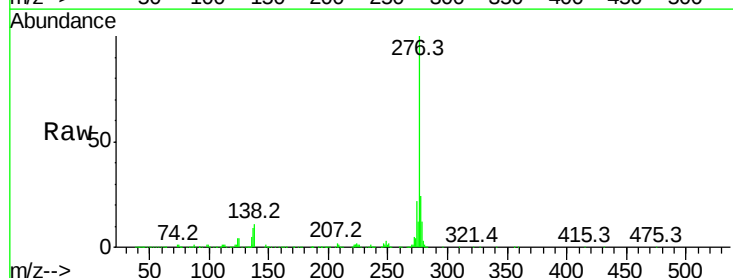
RT: 28.54 min Scan# 4299

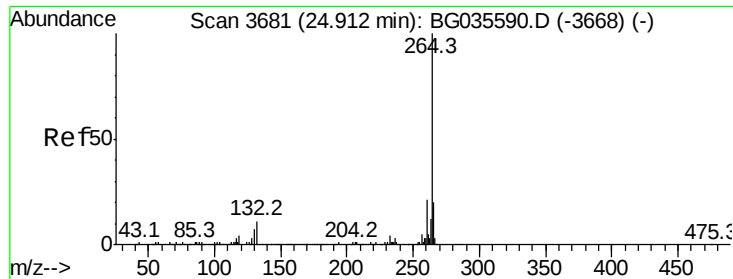
Delta R.T. -0.03 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	276	Resp:	1152918
Ion Ratio	Lower	Upper	
276	100		
138	14.9	16.0	24.0#
277	26.1	20.0	30.0



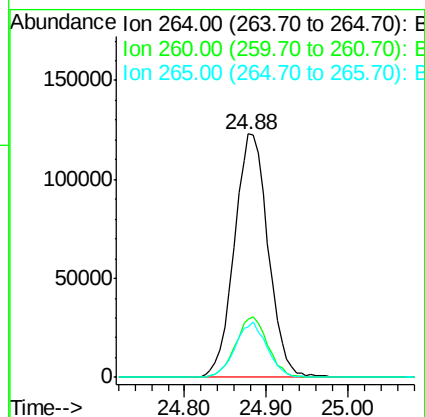
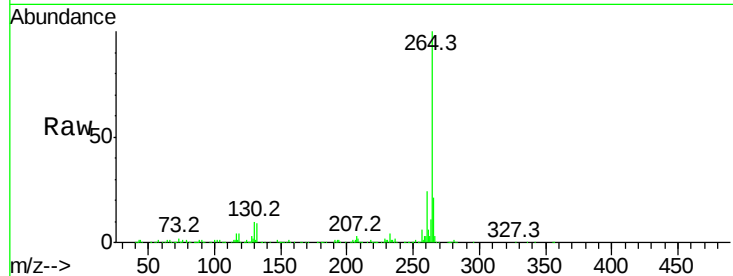


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.03 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BS

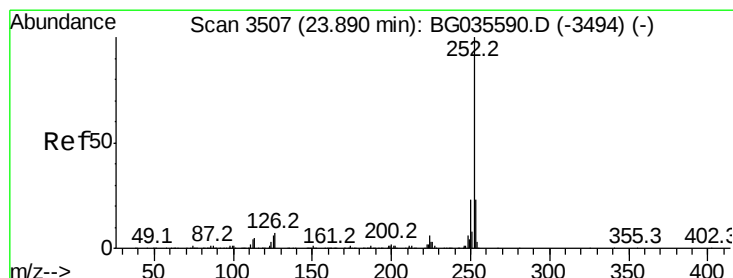
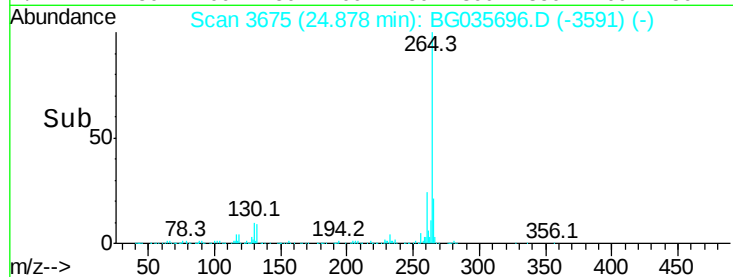
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.8	17.7	26.5

Manual Integrations
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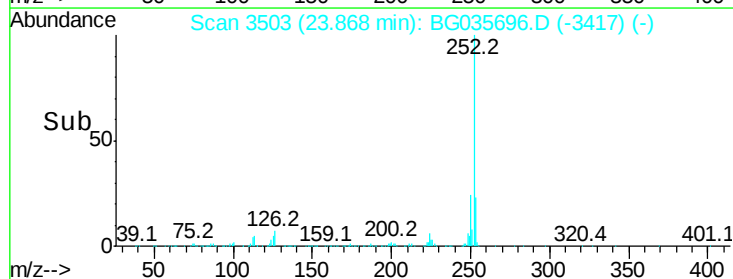
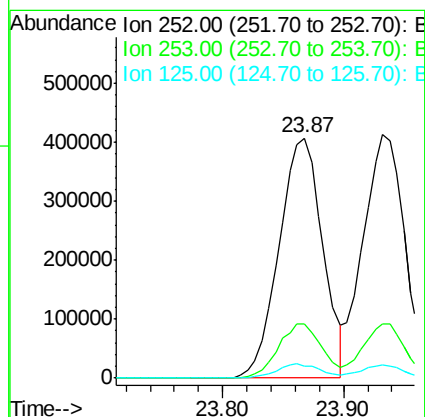
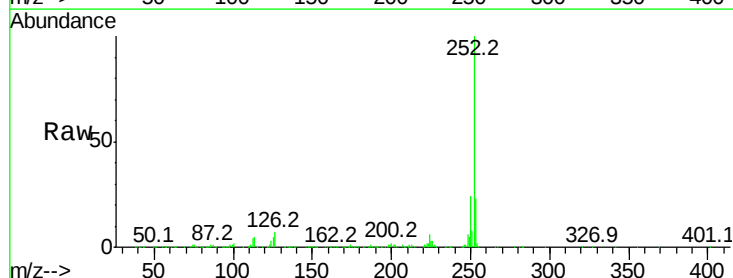
Sohil

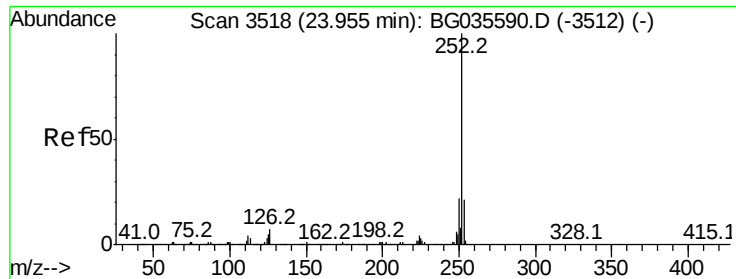
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#87
 Benzo(b)fluoranthene
 Concen: 47.293 ng
 RT: 23.87 min Scan# 3503
 Delta R.T. -0.02 min
 Lab File: BG035696.D
 Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 47.107 ng

RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Instrument :

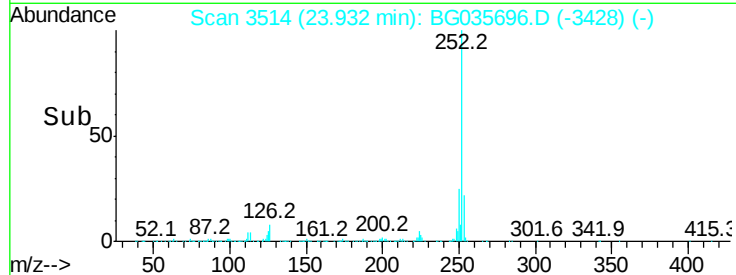
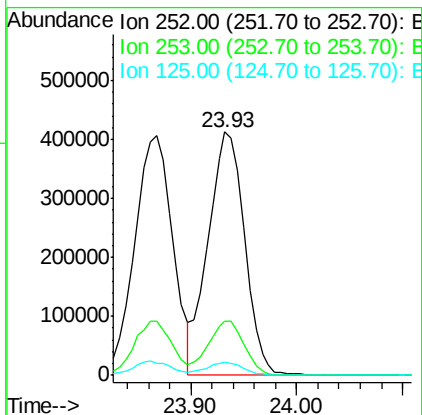
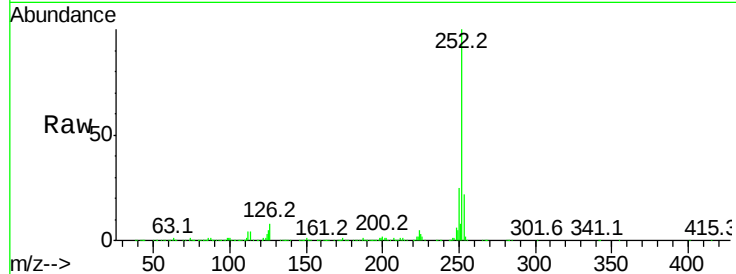
BNA_G

ClientSampled :

PB111100BS

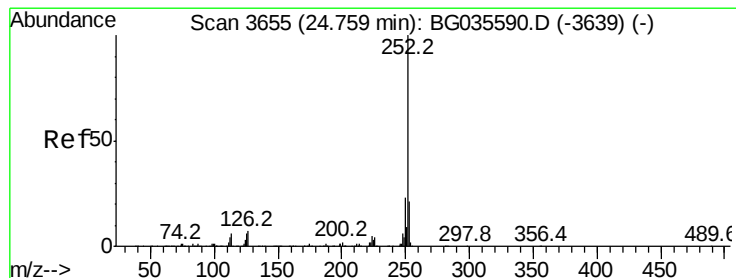
Tot Ion:	252	Resp:	988411
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	5.2	6.6	9.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 49.820 ng

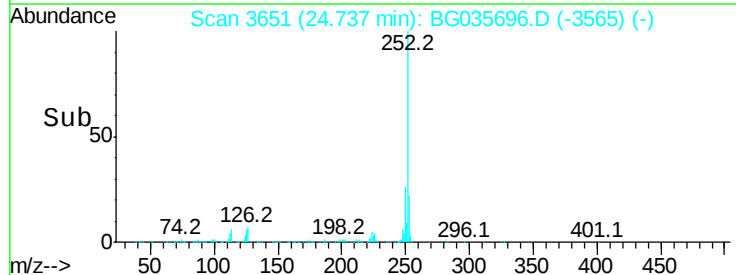
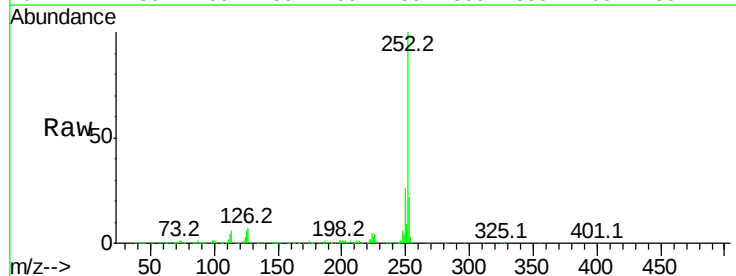
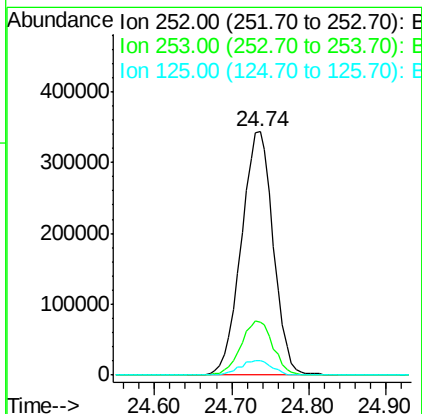
RT: 24.74 min Scan# 3651

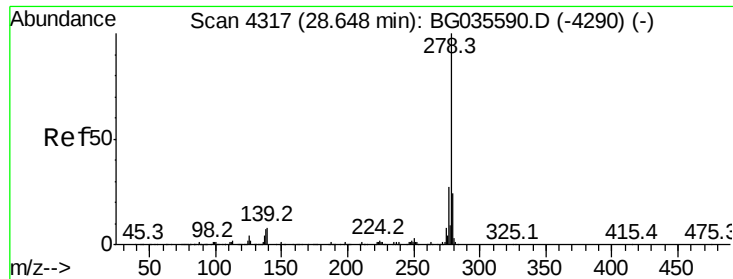
Delta R.T. -0.02 min

Lab File: BG035696.D

Acq: 17 Jul 2018 23:47

Tgt Ion:	252	Resp:	994751
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.3	27.5
125	6.0	7.3	10.9#



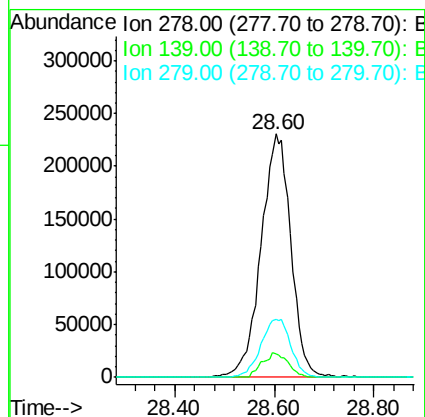
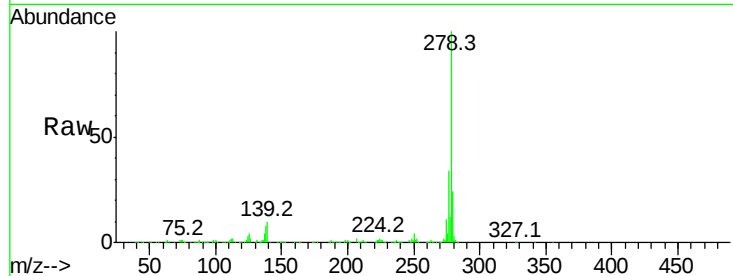


#90
Dibenzo(a,h)anthracene
Concen: 48.995 ng
RT: 28.60 min Scan# 4309
Delta R.T. -0.05 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Instrument :
BNA_G
ClientSampleId :
PB111100BS

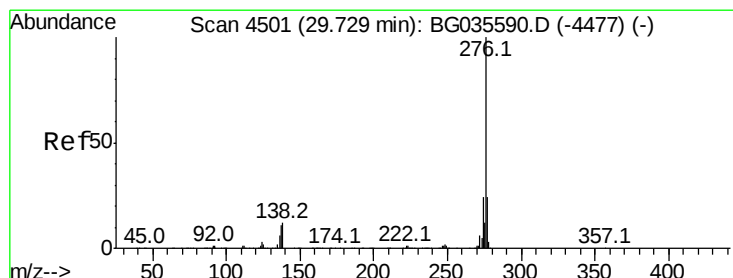
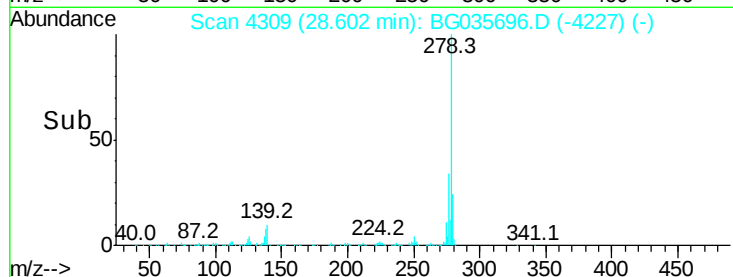
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.8	14.6#
279	23.8	18.4	27.6

Manual Integrations
APPROVED



Sohil

7/18/2018 3:27:51 PM



#91
Benzo(g,h,i)perylene
Concen: 50.304 ng
RT: 29.70 min Scan# 4495
Delta R.T. -0.03 min
Lab File: BG035696.D
Acq: 17 Jul 2018 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	12.5	13.9	20.9#

