

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035311.D
 Acq On : 21 Jun 2018 22:31
 Operator : JU/SJ
 Sample : PB110432BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Manual Integrations
 APPROVED

Sohil
 6/22/2018 2:13:53 PM

Quant Time: Jun 22 05:31:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48678	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	176999	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	131154	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	354100	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	373849	20.00	ng	-0.02
86) Perylene-d12	24.91	264	368309	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	410450	142.30	ng	-0.01
7) Phenol-d6	7.22	99	587914	138.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	371066	99.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	279077	166.22	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	874407	86.67	ng	-0.02
78) Terphenyl-d14	20.03	244	1582643	88.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	49335	35.848	ng	# 72
3) Pyridine	3.94	79	138674	37.345	ng	# 70
4) n-Nitrosodimethylamine	3.85	42	56980	35.719	ng	# 76
6) Aniline	7.38	93	132829	24.138	ng	92
8) 2-Chlorophenol	7.62	128	128348	42.450	ng	96
9) Benzaldehyde	7.19	77	72010	21.959	ng	93
10) Phenol	7.24	94	201285	45.687	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	129281	37.806	ng	91
12) 1,3-Dichlorobenzene	7.95	146	150220	41.641	ng	98
13) 1,4-Dichlorobenzene	8.09	146	150015	40.283	ng	96
14) 1,2-Dichlorobenzene	8.41	146	143334	40.976	ng	99
15) Benzyl Alcohol	8.29	79	151514	37.560	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	140439	41.263	ng	78
17) 2-Methylphenol	8.49	107	132836	45.731	ng	94
18) Hexachloroethane	9.14	117	56580	42.439	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	119472	33.032	ng	# 83
20) 3+4-Methylphenols	8.82	107	180904	43.450	ng	93
22) Acetophenone	8.87	105	220785	40.268	ng	# 88
24) Nitrobenzene	9.26	77	181237	47.531	ng	94
25) Isophorone	9.78	82	341450	43.432	ng	99
26) 2-Nitrophenol	9.97	139	74587	56.750	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	139894	50.638	ng	88
28) bis(2-Chloroethoxy)methane	10.26	93	183855	43.519	ng	95
29) 2,4-Dichlorophenol	10.51	162	155803	51.831	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	165239	45.843	ng	96
31) Naphthalene	10.91	128	398935	43.386	ng	99
32) Benzoic acid	10.17	122	92759	50.129	ng	99
33) 4-Chloroaniline	11.01	127	54226	13.582	ng	97
34) Hexachlorobutadiene	11.19	225	126893	45.267	ng	95
35) Caprolactam	11.79	113	51197m	46.085	ng	
36) 4-Chloro-3-methylphenol	12.13	107	186547	49.784	ng	94
37) 2-Methylnaphthalene	12.51	142	317256	45.509	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	218513	44.730	ng	98
40) Hexachlorocyclopentadiene	12.86	237	317375	103.599	ng	91

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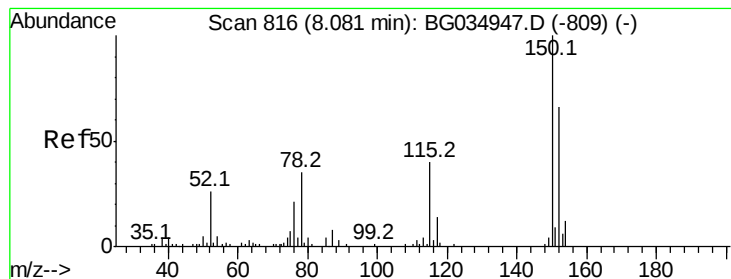
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	146091	49.943	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	164928	51.370	nq	93
45) 1,1'-Biphenyl	13.52	154	441321	41.847	nq	99
46) 2-Chloronaphthalene	13.56	162	348579	43.717	nq	98
47) 2-Nitroaniline	13.76	65	115984	49.260	nq	93
48) Acenaphthylene	14.40	152	579263	43.326	nq	98
49) Dimethylphthalate	14.13	163	481158	42.070	nq	98
50) 2,6-Dinitrotoluene	14.25	165	108676	52.085	nq	92
51) Acenaphthene	14.74	154	340729	39.005	nq	98
52) 3-Nitroaniline	14.58	138	52099	25.446	nq #	89
53) 2,4-Dinitrophenol	14.78	184	129713	153.612	nq #	64
54) Dibenzofuran	15.08	168	561380	42.909	nq	94
55) 4-Nitrophenol	14.88	139	167392	96.874	nq #	88
56) 2,4-Dinitrotoluene	15.04	165	159036	57.379	nq #	84
57) Fluorene	15.72	166	467299	42.738	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	171208	54.892	nq #	91
59) Diethylphthalate	15.49	149	476912	40.871	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	277206	44.461	nq	97
61) 4-Nitroaniline	15.74	138	106269	48.398	nq #	78
62) Azobenzene	16.01	77	465307	40.693	nq	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	93954	58.114	nq	87
65) n-Nitrosodiphenylamine	15.93	169	431409	40.569	nq	96
66) 4-Bromophenyl-phenylether	16.61	248	189271	44.386	nq	99
67) Hexachlorobenzene	16.73	284	194929	44.912	nq	95
68) Atrazine	16.88	200	190686	42.049	nq	97
69) Pentachlorophenol	17.07	266	236898	81.171	nq	96
70) Phenanthrene	17.46	178	774664	43.067	nq	97
71) Anthracene	17.56	178	777442	43.148	nq	98
72) Carbazole	17.82	167	705620	42.208	nq	99
73) Di-n-butylphthalate	18.38	149	796693	39.983	nq	98
74) Fluoranthene	19.47	202	1015008	43.364	nq	96
76) Benzidine	19.65	184	407660	29.310	nq	99
77) Pyrene	19.83	202	1011799	41.054	nq	97
79) Butylbenzylphthalate	20.71	149	359614	40.183	nq	98
80) Benzo(a)anthracene	21.67	228	1026546	42.970	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	221570	24.652	nq #	99
82) Chrysene	21.74	228	960893	43.930	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	490687	38.804	nq	99
84) Di-n-octyl phthalate	22.79	149	840156	38.727	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1127253	44.003	nq #	88
87) Benzo(b)fluoranthene	23.89	252	1007968	44.441	nq #	95
88) Benzo(k)fluoranthene	23.95	252	931363	41.977	nq #	97
89) Benzo(a)pyrene	24.76	252	964020	45.169	nq #	97
90) Dibenzo(a,h)anthracene	28.65	278	923128	43.815	nq #	96
91) Benzo(g,h,i)perylene	29.74	276	951305	46.138	nq #	93

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



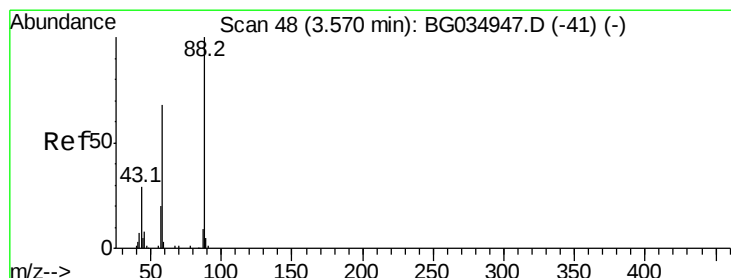
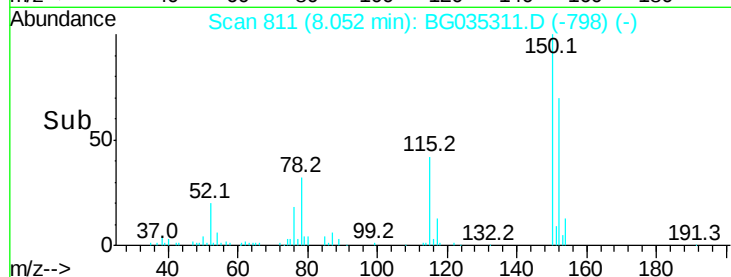
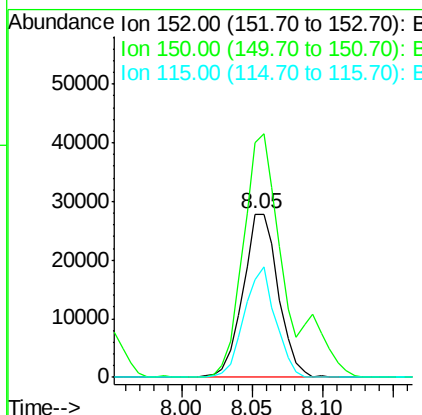
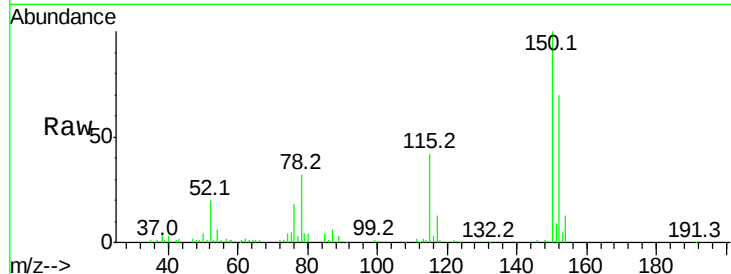
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	126.6	189.8
115	60.0	53.0	79.4

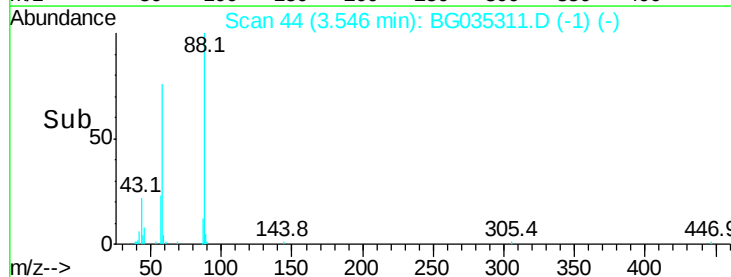
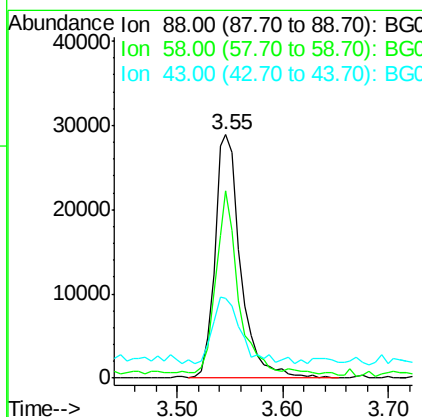
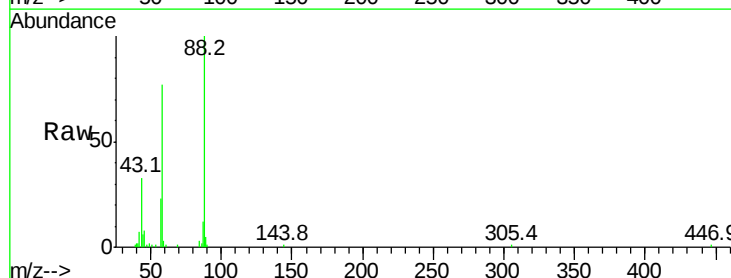
Manual Integrations
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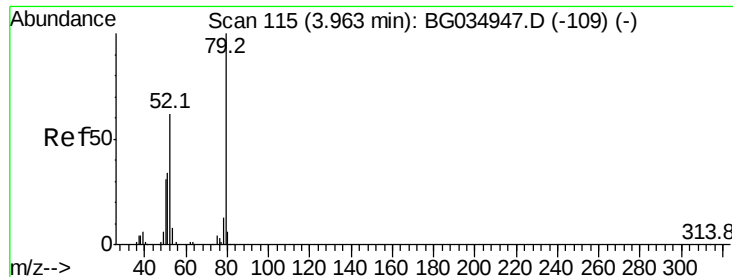
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#2
 1,4-Dioxane
 Concen: 35.848 ng
 RT: 3.55 min Scan# 44
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	79.6	119.4#
43	29.4	27.4	41.0





#3

Pvridine

Concen: 37.345 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

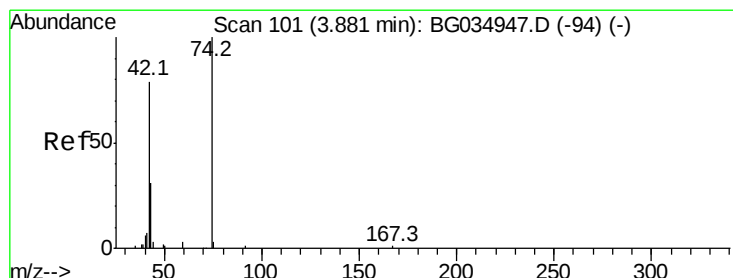
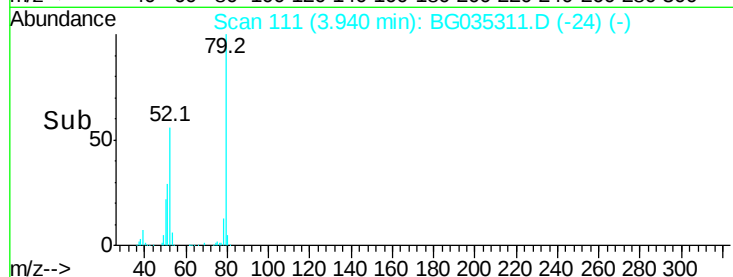
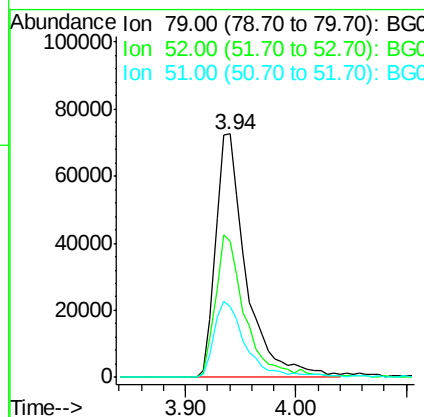
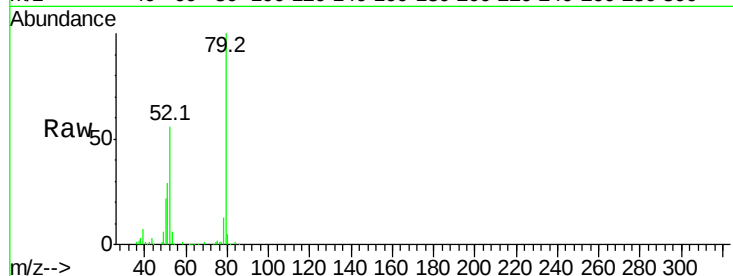
ClientSampleId :

PB110432BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	55.7	69.9	104.9#		
51	29.4	34.0	51.0#		

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#4

n-Nitrosodimethylamine

Concen: 35.719 ng

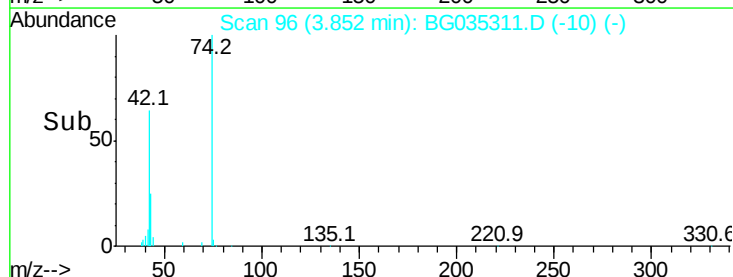
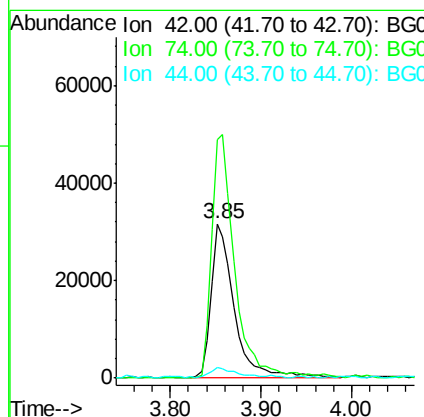
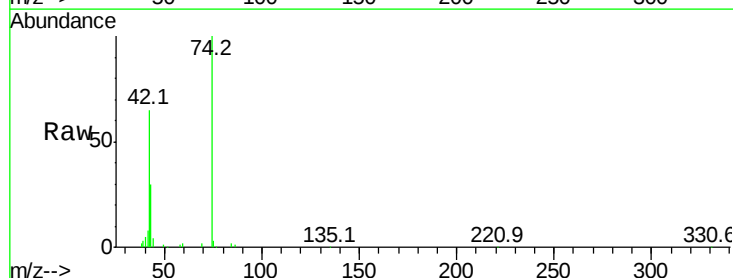
RT: 3.85 min Scan# 96

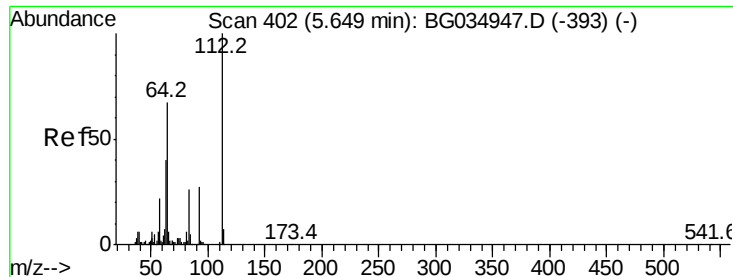
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	154.0	102.5	153.7#		
44	6.7	18.9	28.3#		





#5

2-Fluorophenol

Concen: 142.298 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

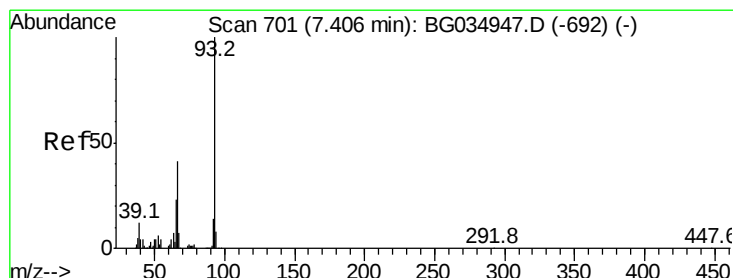
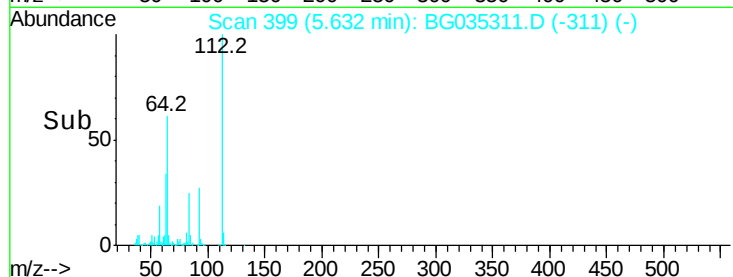
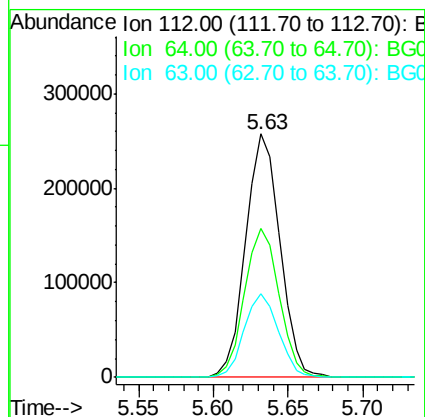
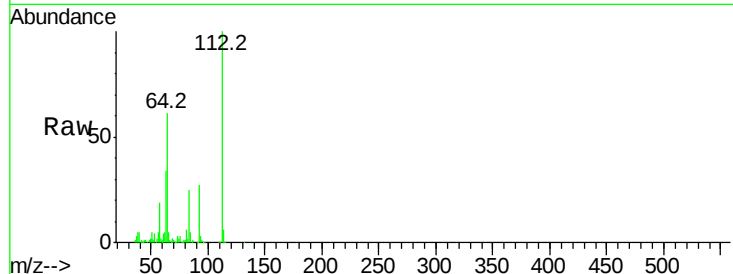
ClientSampleId :

PB110432BS

Tot Ion:	112	Resp:	410450
Ion Ratio	Lower	Upper	
112	100		
64	61.2	56.3	84.5
63	34.2	30.1	45.1

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#6

Aniline

Concen: 24.138 ng

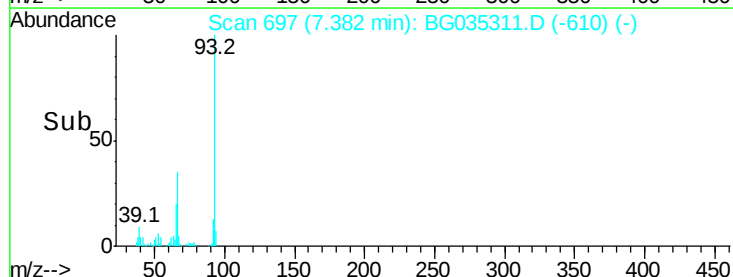
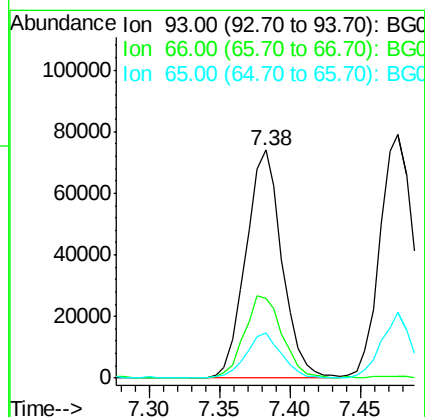
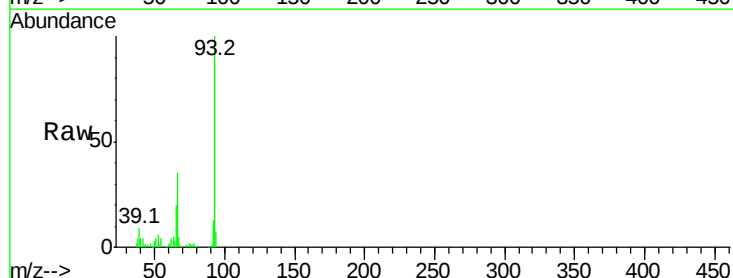
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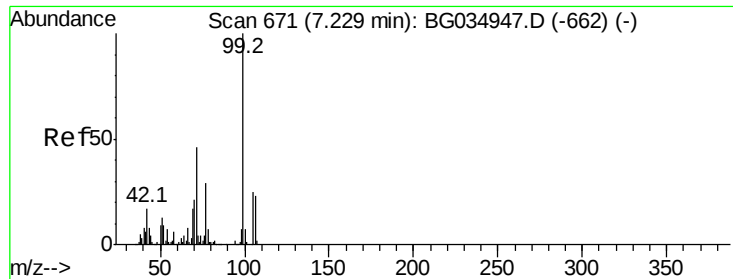
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	93	Resp:	132829
Ion Ratio	Lower	Upper	
93	100		
66	35.1	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 138.097 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

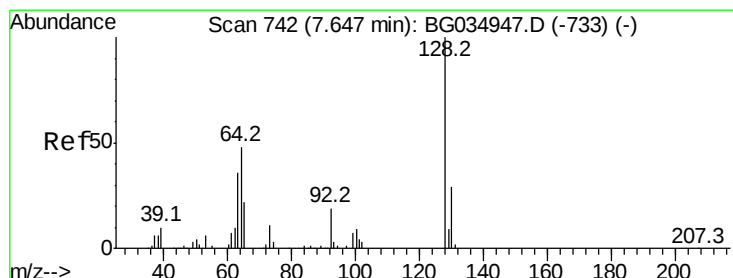
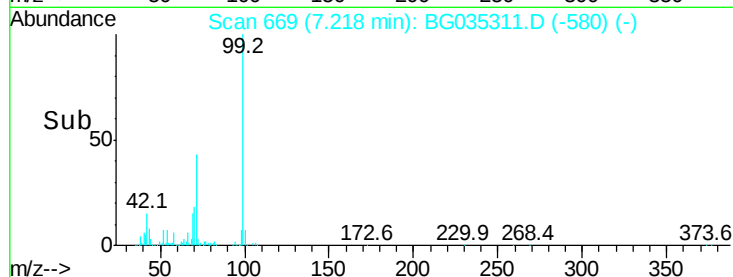
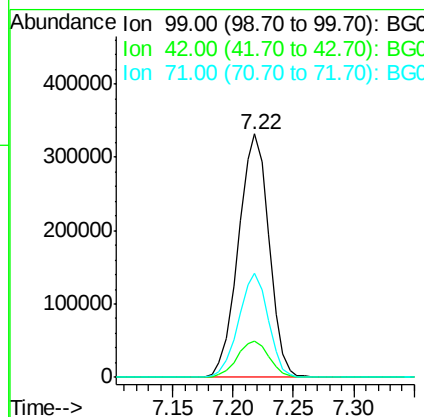
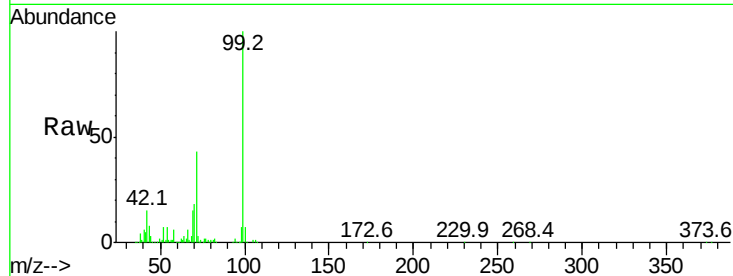
ClientSampleId :

PB110432BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		587914		
42	15.0	14.1	21.1		
71	43.0	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 42.450 ng

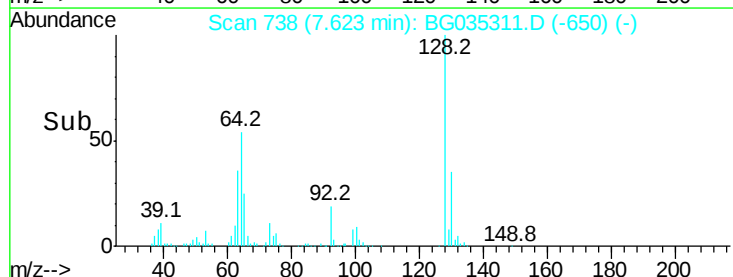
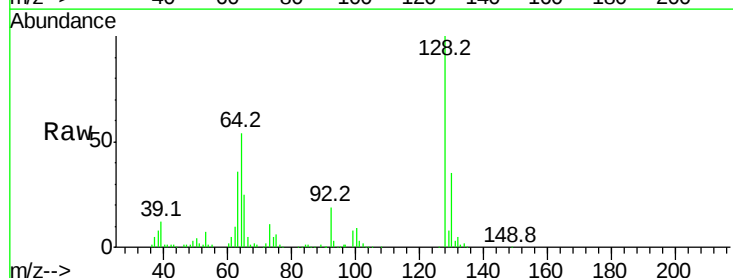
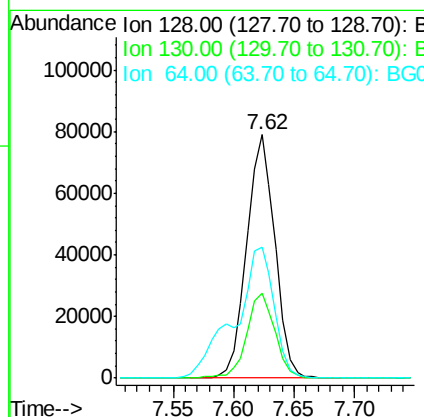
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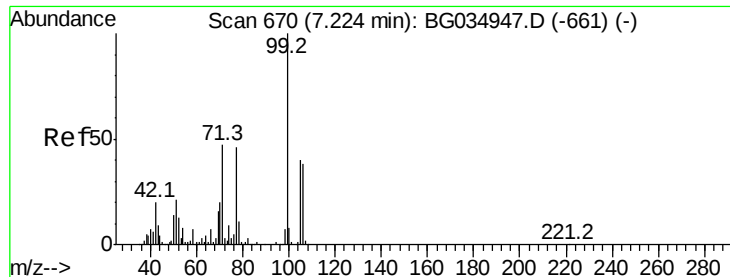
Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		128348		
130	34.8	14.0	54.0		
64	53.8	37.7	77.7		





#9

Benzaldehyde

Concen: 21.959 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampled :

PB110432BS

Tot Ion: 77 Resp: 72010

Ion Ratio Lower Upper

77 100

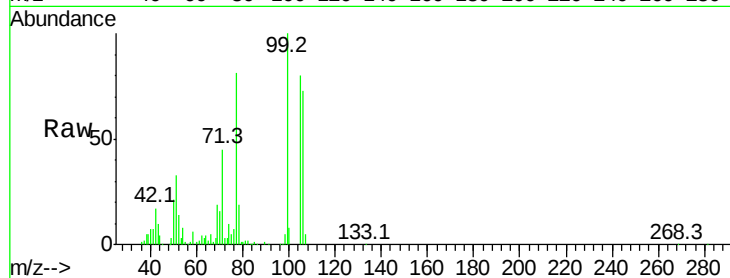
105 98.7 71.3 111.3

106 89.7 64.2 104.2

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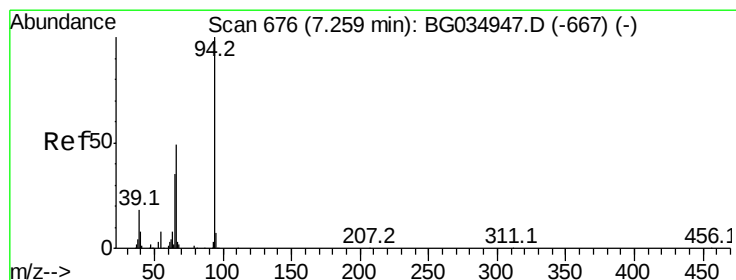
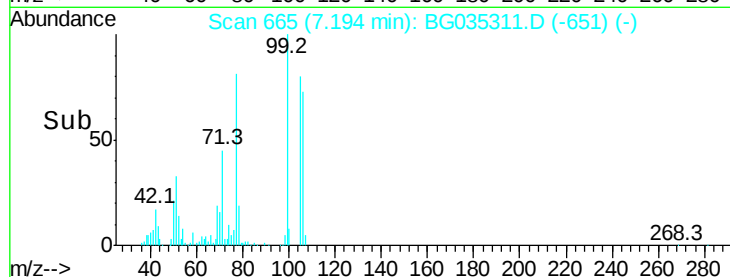
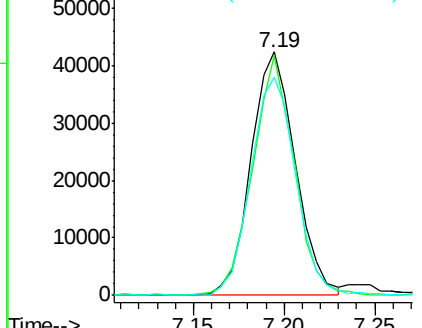
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.687 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

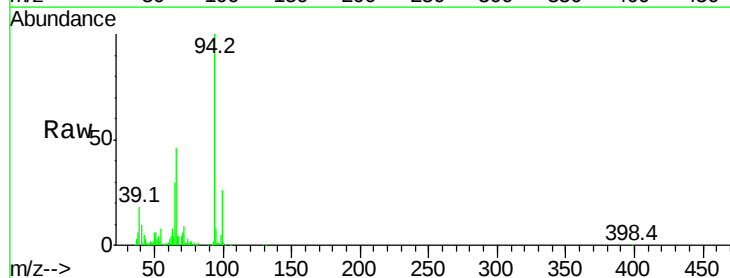
Tgt Ion: 94 Resp: 201285

Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

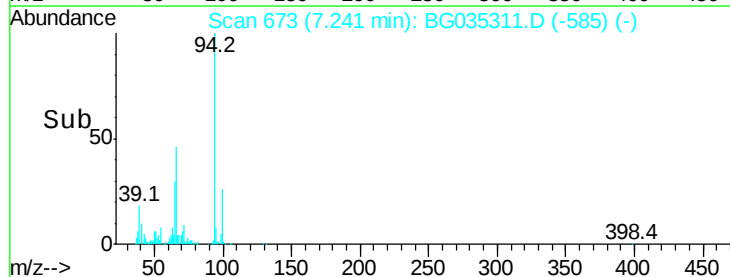
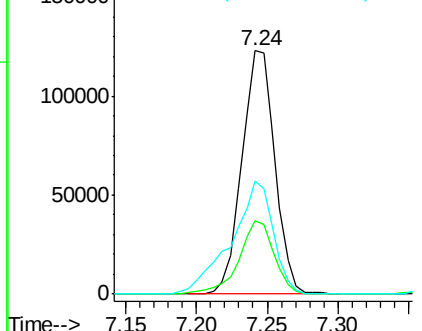
66 46.3 22.2 62.2

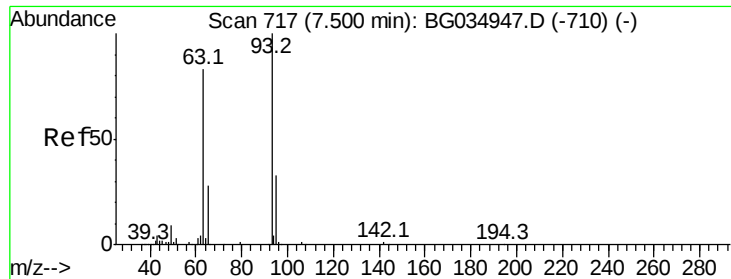


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





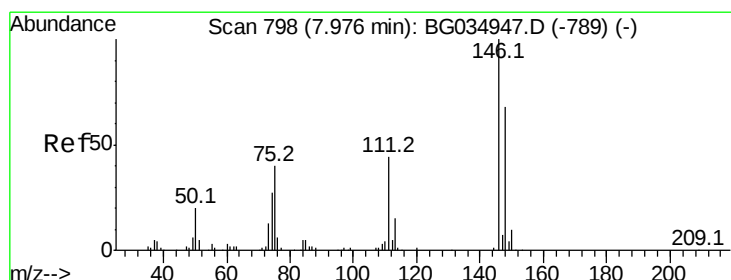
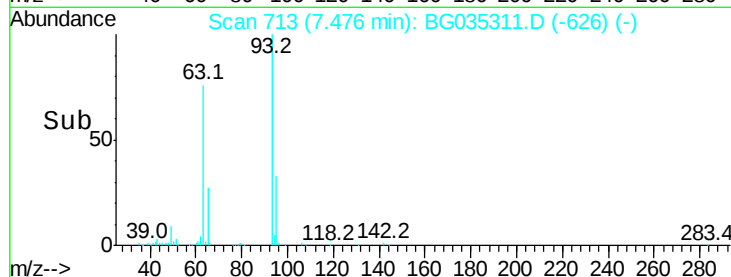
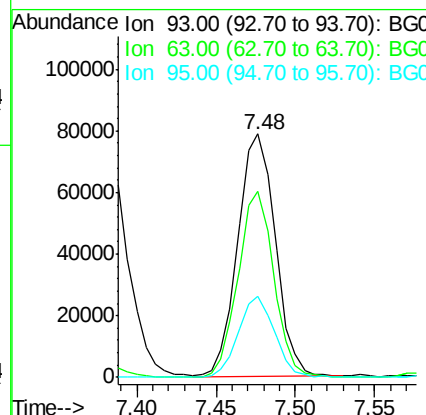
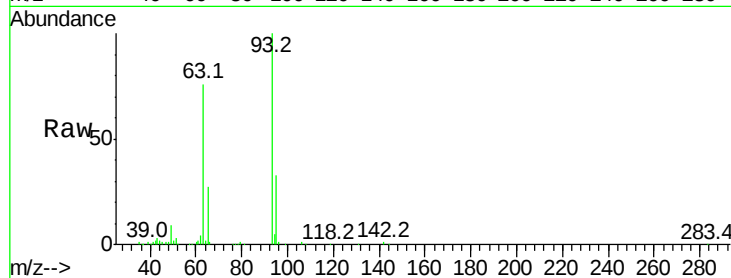
#11
bis(2-Chloroethyl)ether
Concen: 37.806 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampled :
PB110432BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	67.1	107.1
95	33.1	11.5	51.5

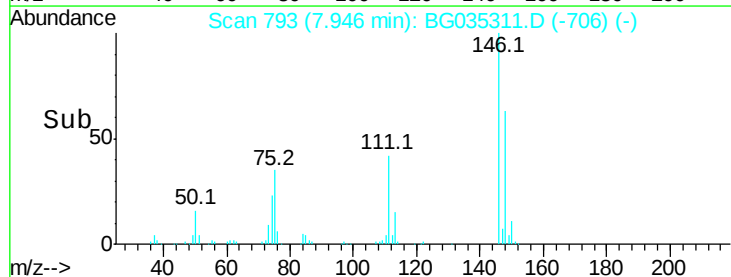
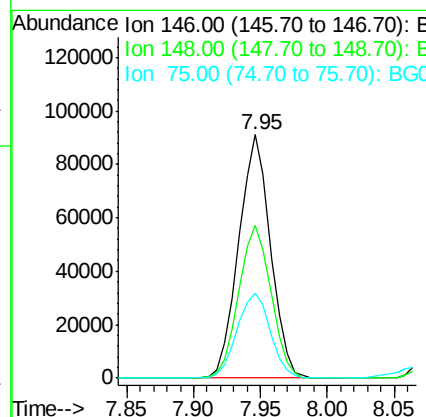
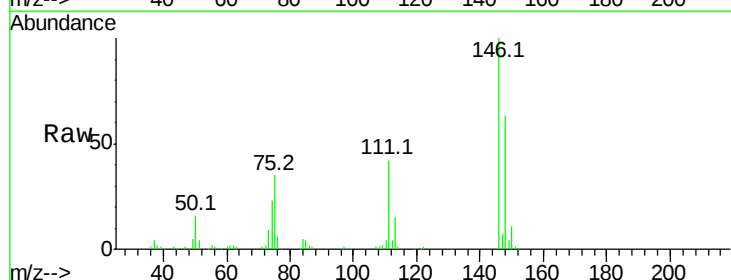
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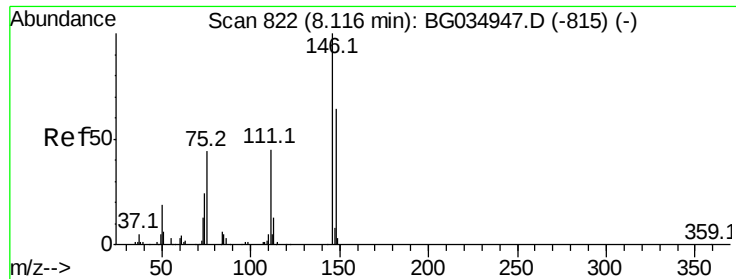
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.641 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	34.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.283 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

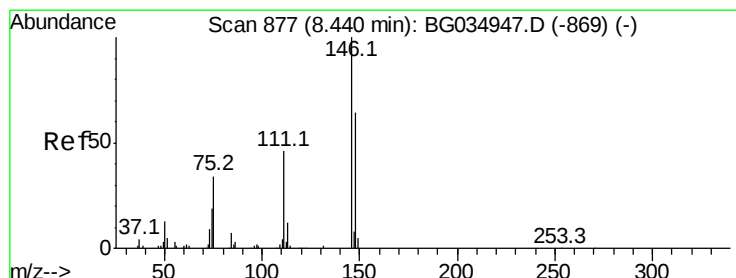
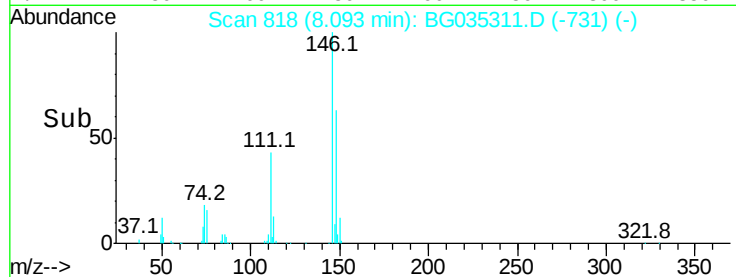
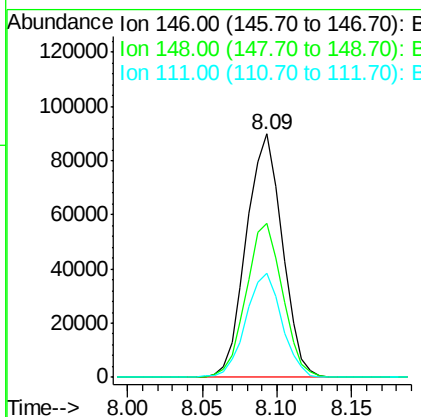
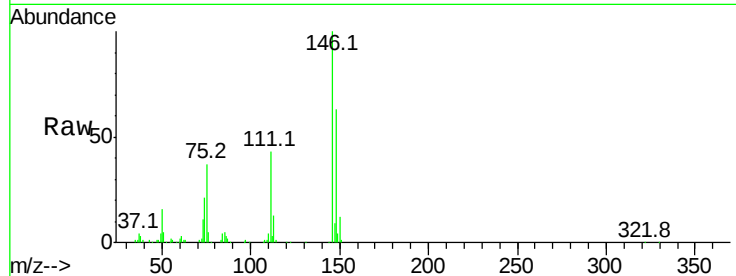
PB110432BS

Tot Ion:	146	Resp:	150015
Ion Ratio	Lower	Upper	
146	100		
148	63.2	53.7	80.5
111	42.7	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 40.976 ng

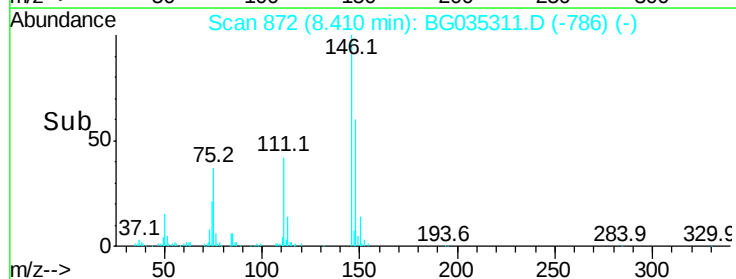
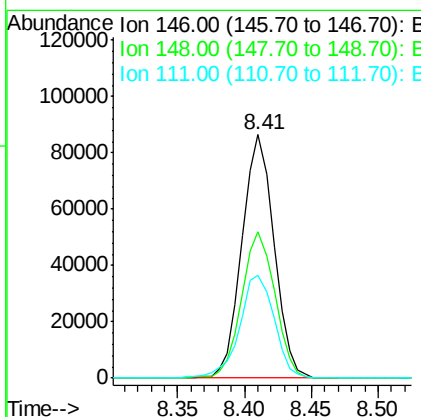
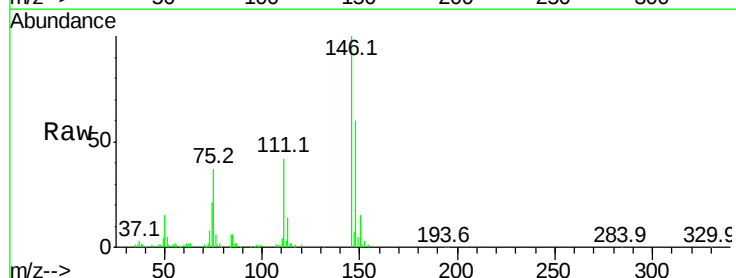
RT: 8.41 min Scan# 872

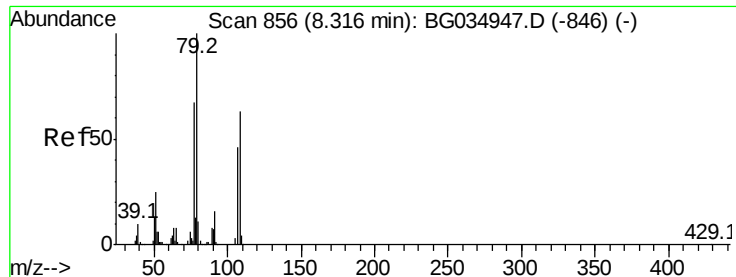
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	146	Resp:	143334
Ion Ratio	Lower	Upper	
146	100		
148	60.3	49.3	73.9
111	42.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.560 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

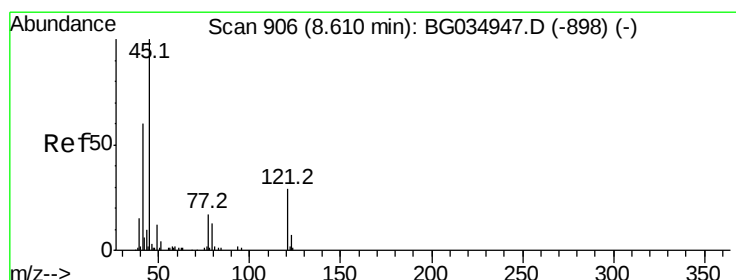
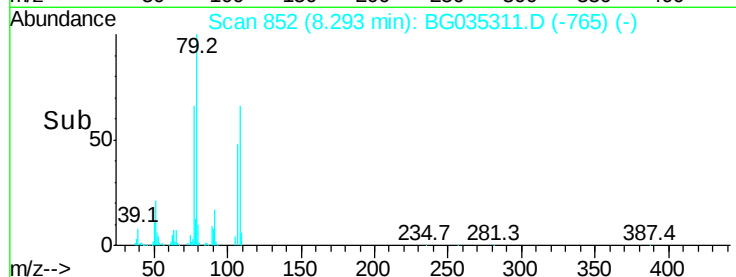
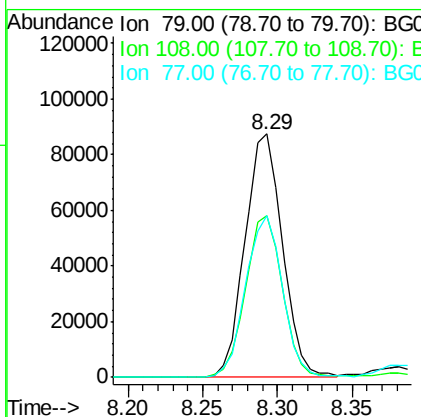
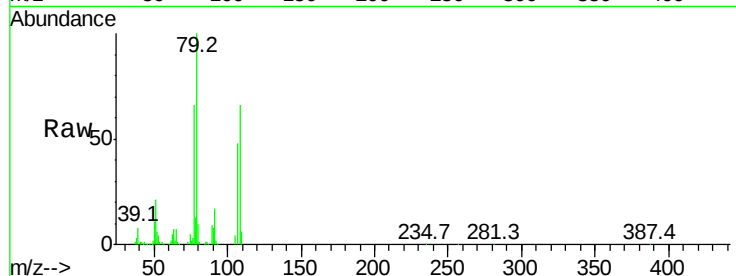
ClientSampleId :

PB110432BS

Tot Ion:	79	Resp:	151514
Ion Ratio	Lower	Upper	
79	100		
108	66.3	57.2	85.8
77	66.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.263 ng

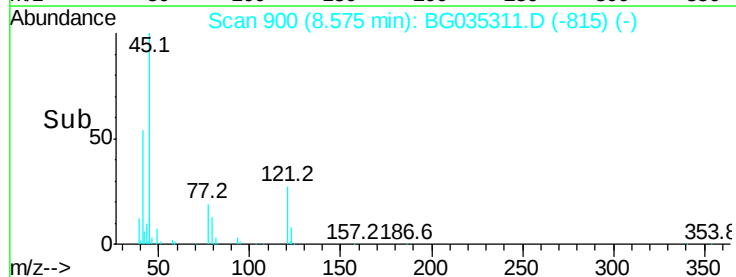
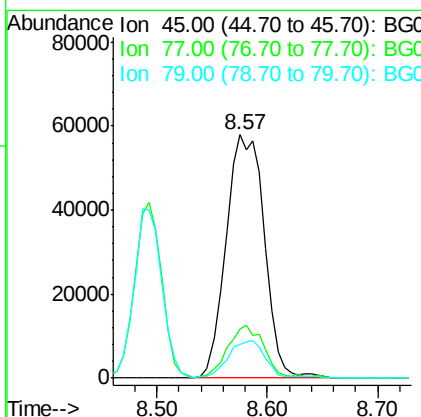
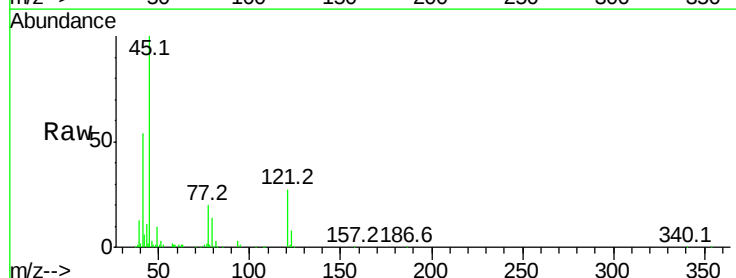
RT: 8.57 min Scan# 900

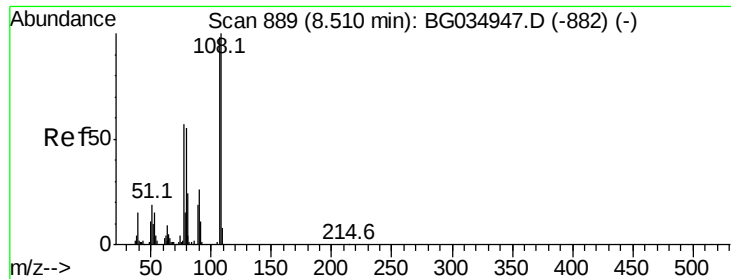
Delta R.T. -0.03 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	45	Resp:	140439
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	30.2
79	13.6	0.0	27.9





#17

2-Methylphenol

Concen: 45.731 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

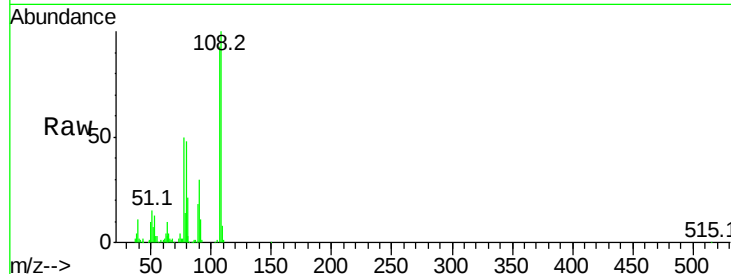
ClientSampleId :

PB110432BS

Tot Ion	107	Resp	132836
Ion Ratio	Lower	Upper	
107	100		
108	107.8	83.9	125.9
77	54.2	37.2	55.8
79	51.5	36.2	54.2

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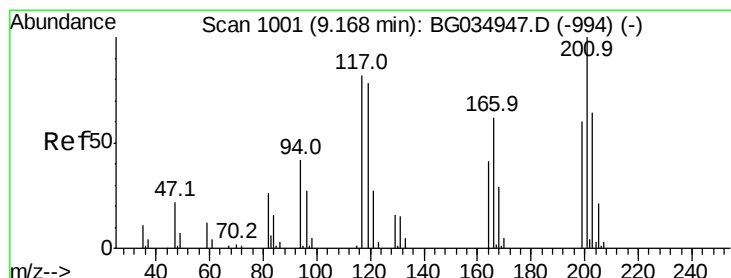
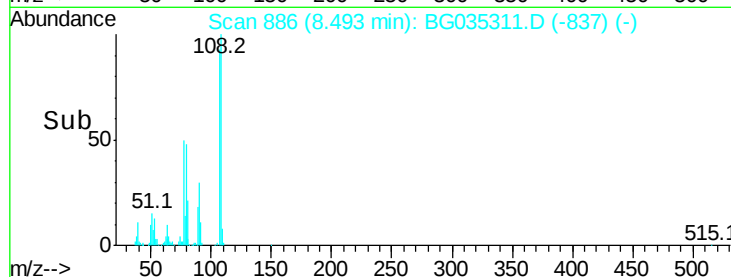
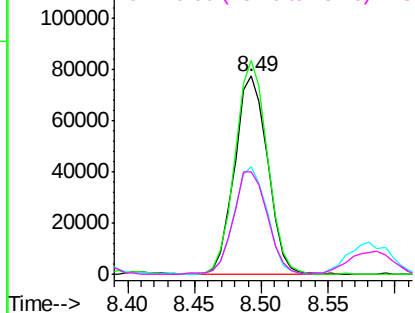


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.439 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035311.D

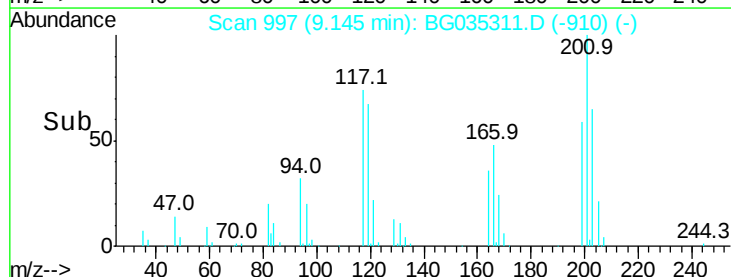
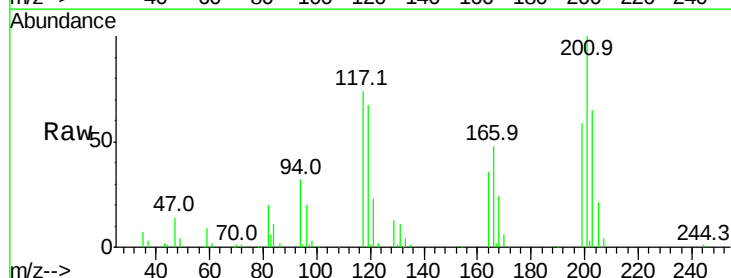
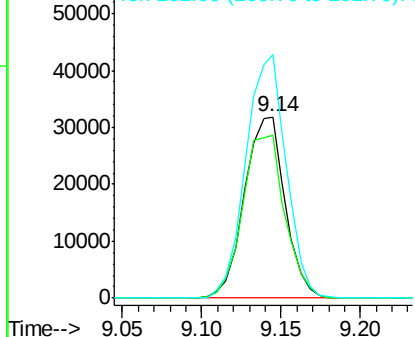
Acq: 21 Jun 2018 22:31

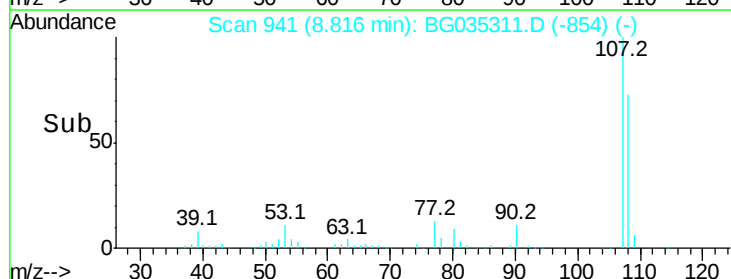
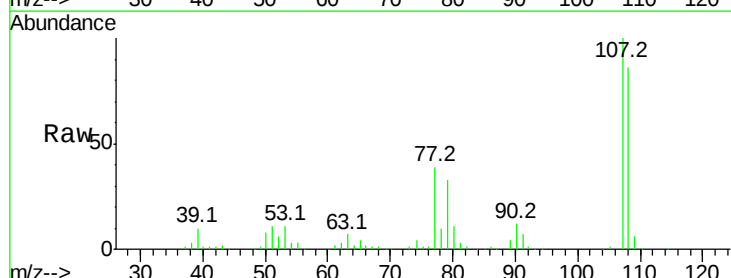
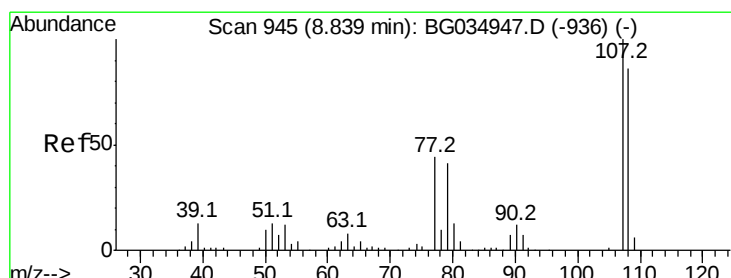
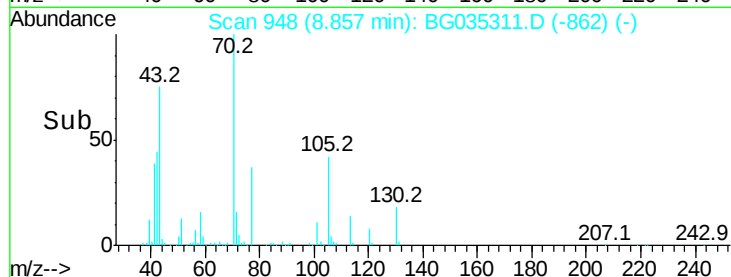
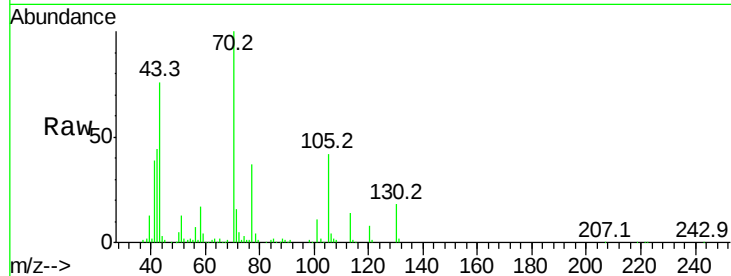
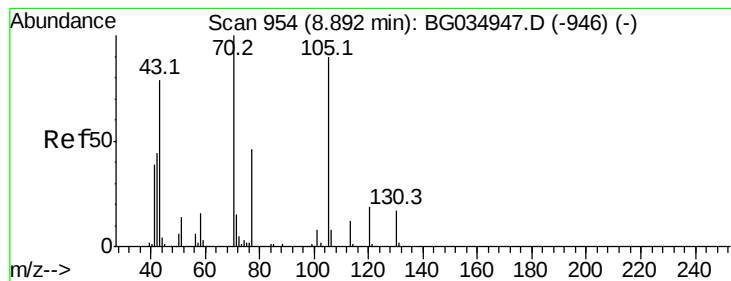
Tgt Ion	117	Resp	56580
Ion Ratio	Lower	Upper	
117	100		
119	90.0	76.7	115.1
201	134.2	95.7	143.5

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: 33.032 ng

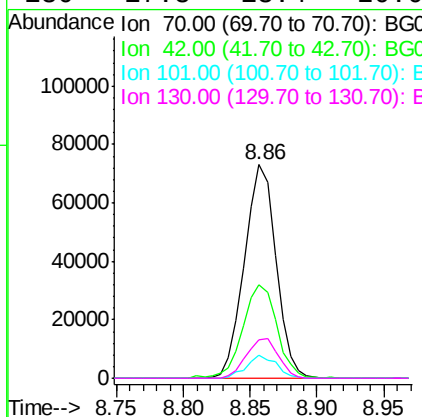
RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.6	49.1	73.7#	
101	10.8	8.5	12.7	
130	17.8	13.4	20.0	



Instrument :

BNA_G

ClientSampleId :

PB110432BS

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#20

3+4-Methylphenols

Concen: 43.450 ng

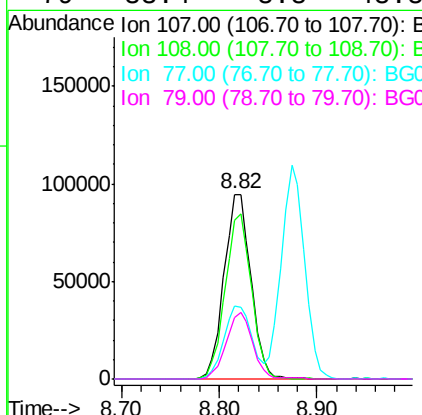
RT: 8.82 min Scan# 941

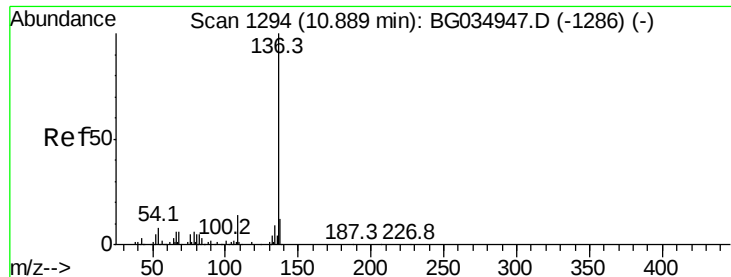
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	61.6	101.6	
77	39.2	13.9	53.9	
79	33.4	8.8	48.8	





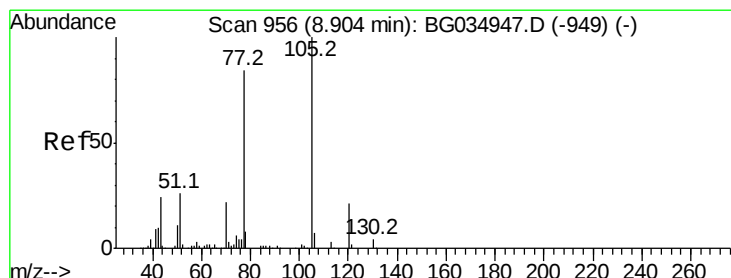
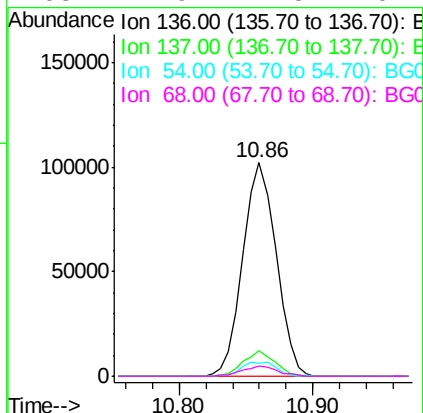
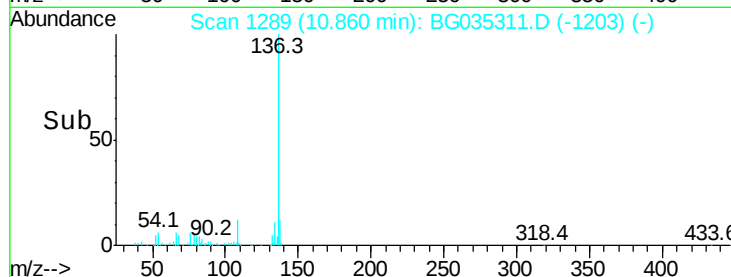
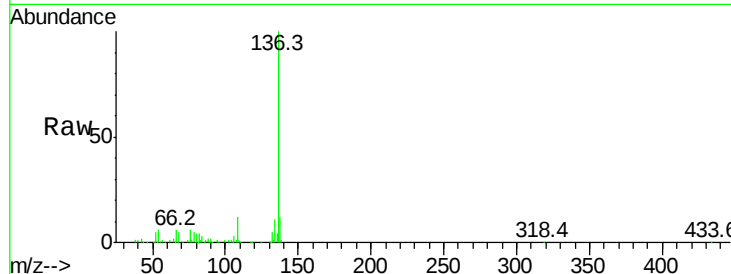
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.2	13.8	
54	6.2	10.3	15.5	
68	4.9	4.5	6.7	

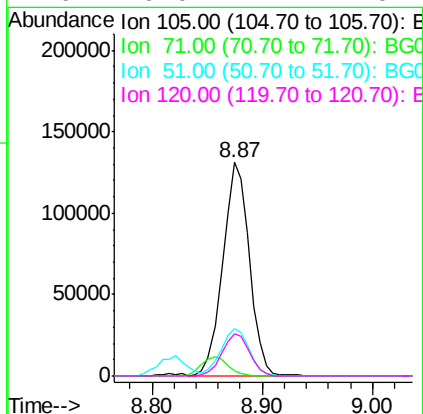
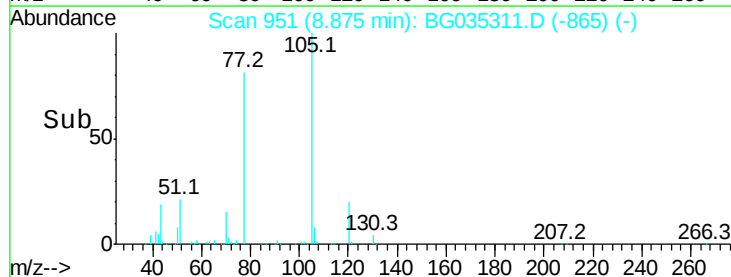
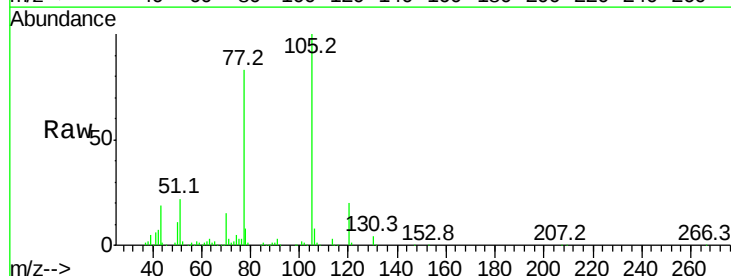
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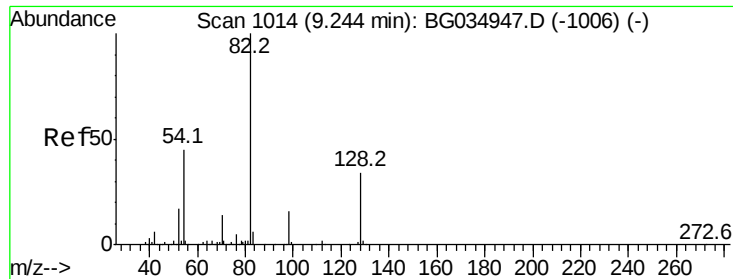
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#22
Acetophenone
Concen: 40.268 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	3.0	4.4	
51	22.0	26.1	39.1	
120	20.0	17.4	26.2	





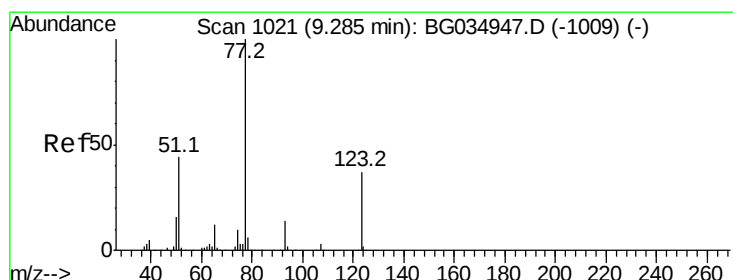
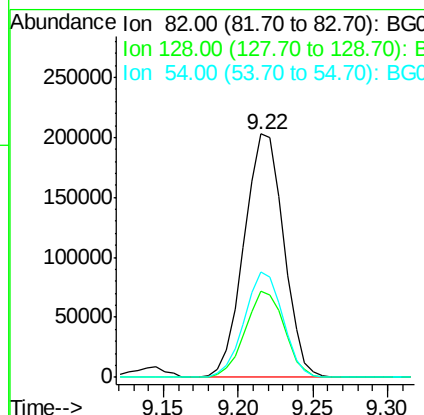
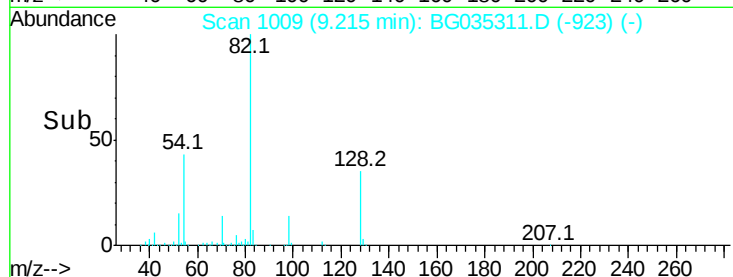
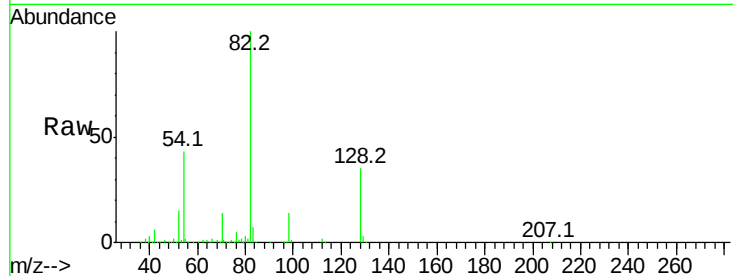
#23
Nitrobenzene-d5
Concen: 99.652 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampled :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.2	29.7	44.5	
54	43.0	43.1	64.7	

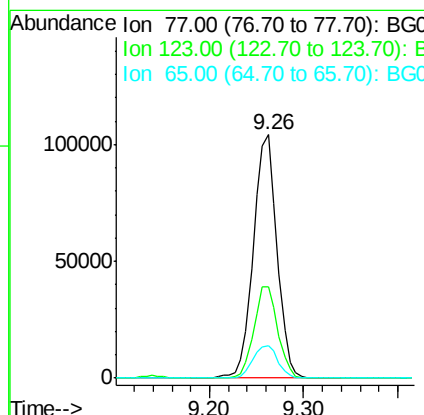
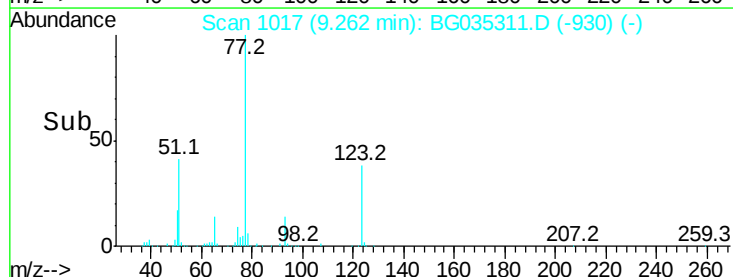
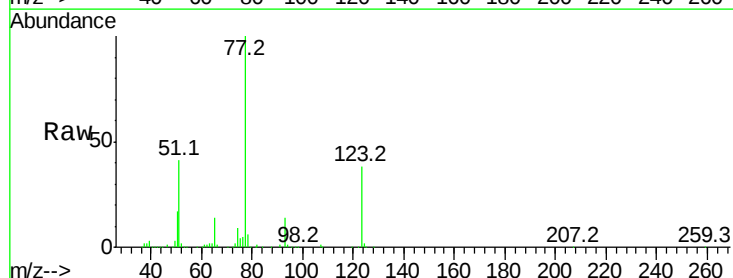
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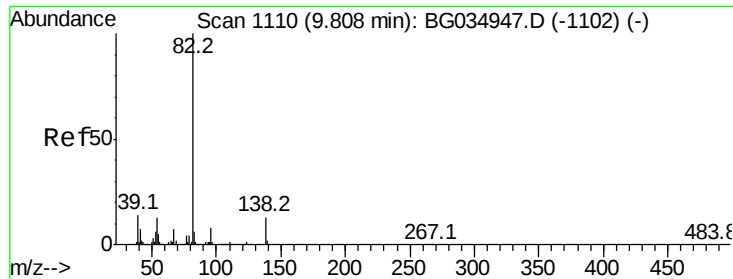
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#24
Nitrobenzene
Concen: 47.531 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.6	33.0	49.6	
65	13.5	13.0	19.6	





#25

Isophorone

Concen: 43.432 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

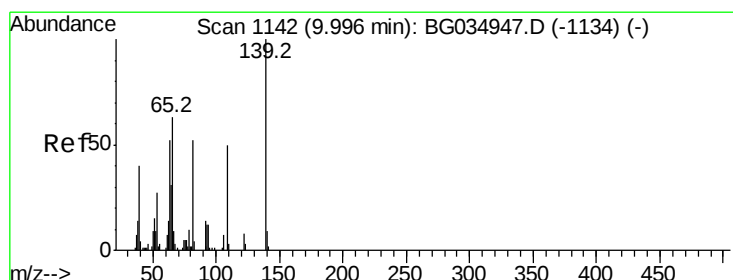
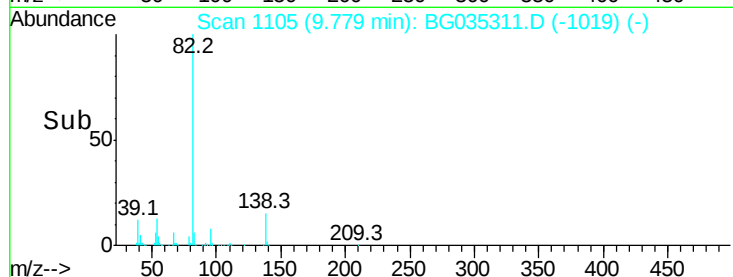
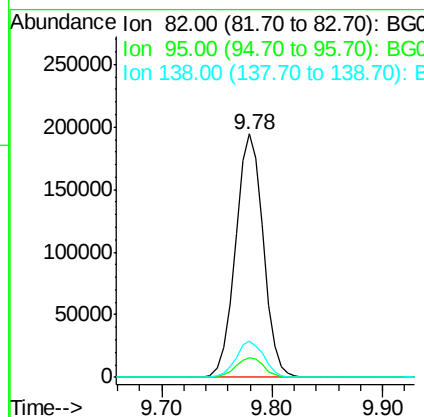
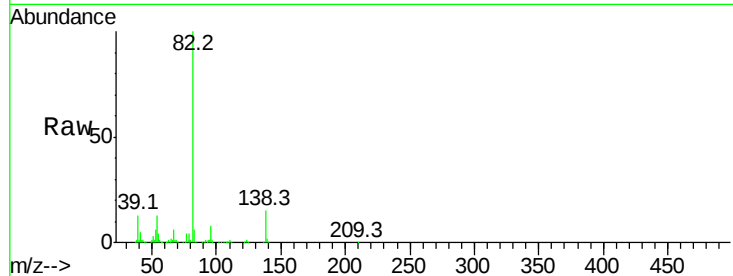
ClientSampleId :

PB110432BS

Tot Ion:	82	Resp:	341450
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.2	9.2
138	14.8	12.1	18.1

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#26

2-Nitrophenol

Concen: 56.750 ng

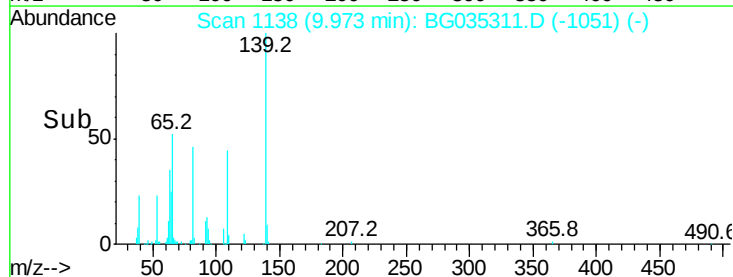
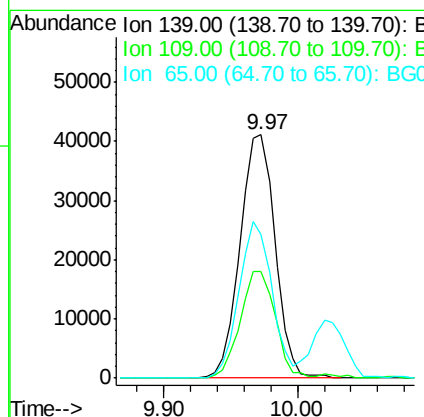
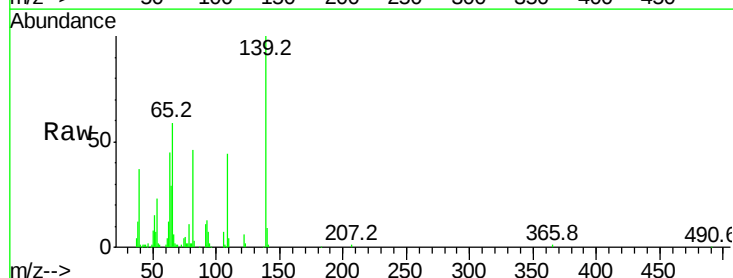
RT: 9.97 min Scan# 1138

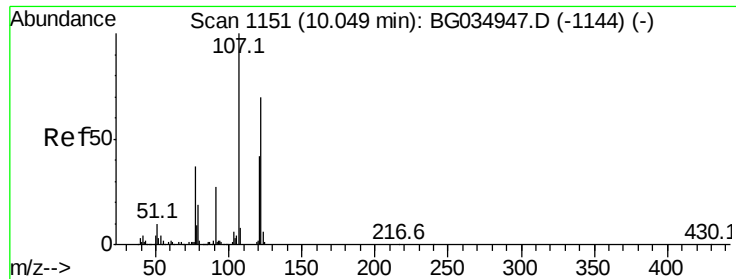
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	139	Resp:	74587
Ion Ratio		Lower	Upper
139	100		
109	43.6	24.2	36.2#
65	58.8	47.4	71.0





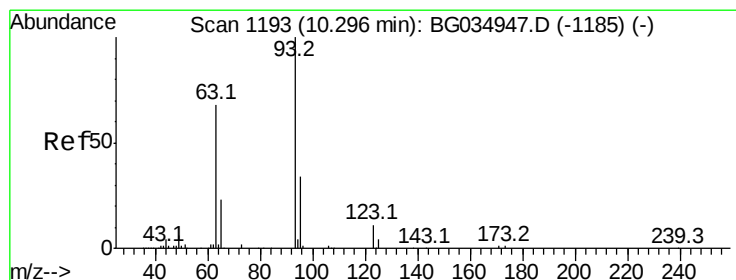
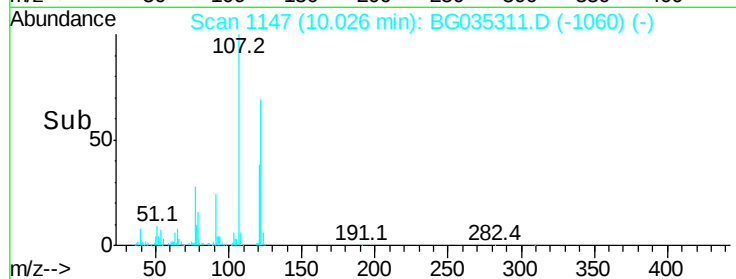
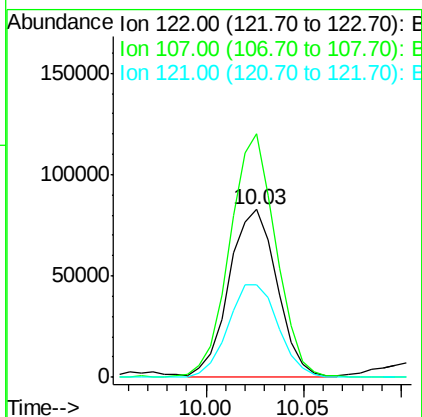
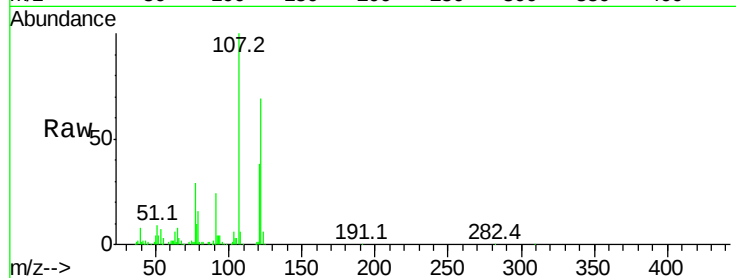
#27
2,4-Dimethylphenol
Concen: 50.638 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.0	100.2	150.2
121	55.5	44.4	66.6

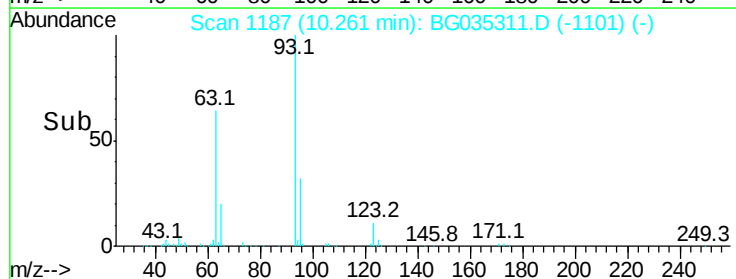
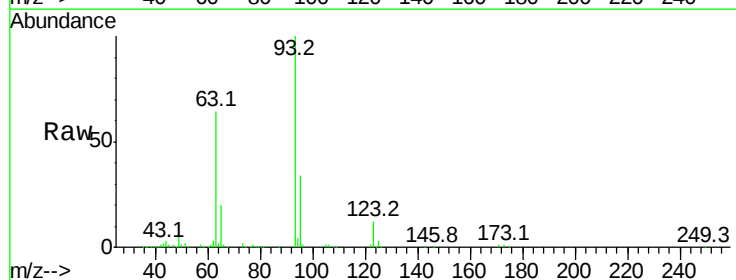
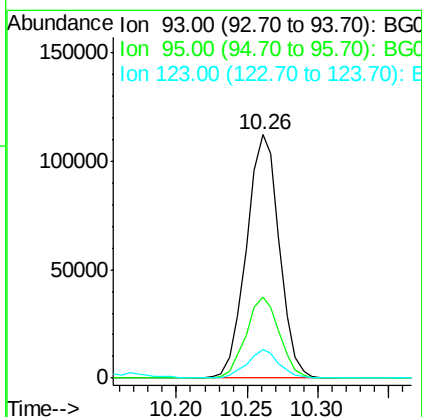
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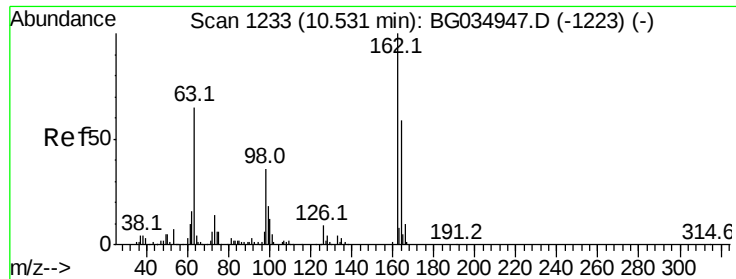
Sohil
6/22/2018 2:13:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.519 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	11.7	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 51.831 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

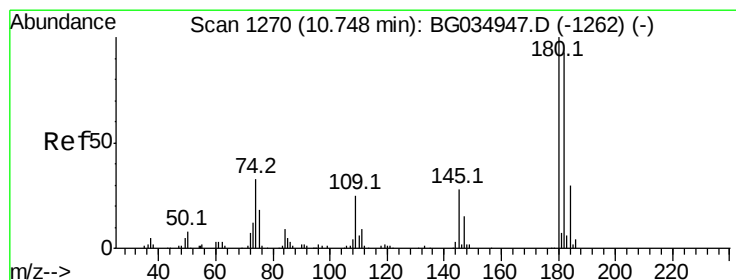
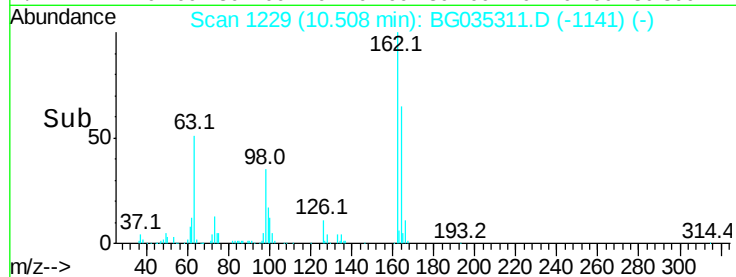
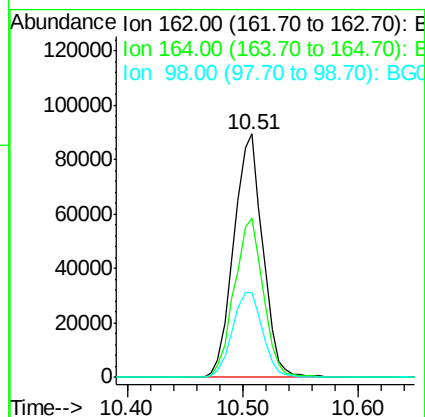
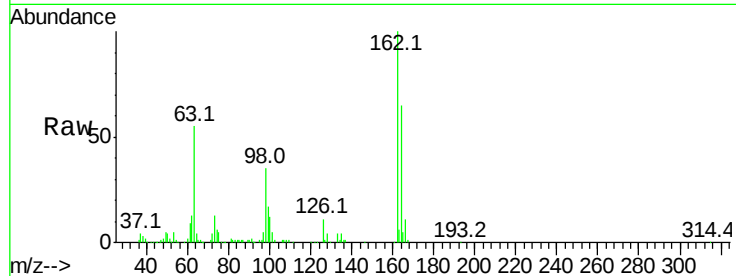
ClientSampleId :

PB110432BS

Tot Ion:	162	Resp:	155803
Ion Ratio	Lower	Upper	
162	100		
164	65.4	48.0	88.0
98	35.1	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 45.843 ng

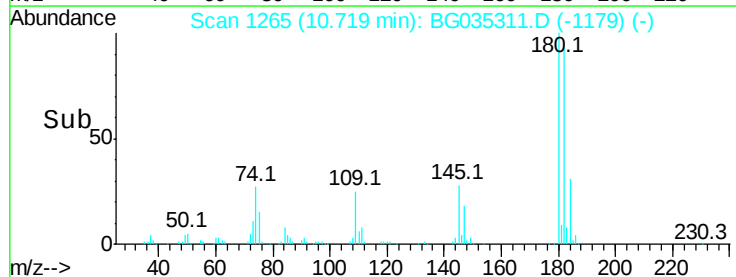
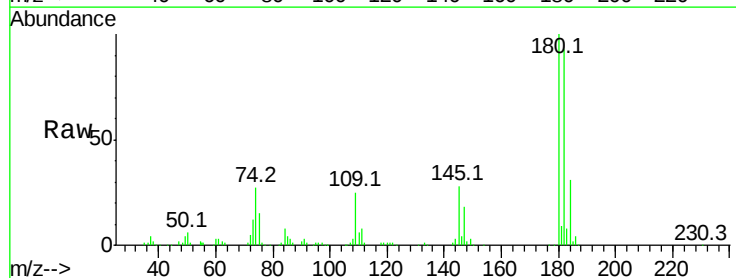
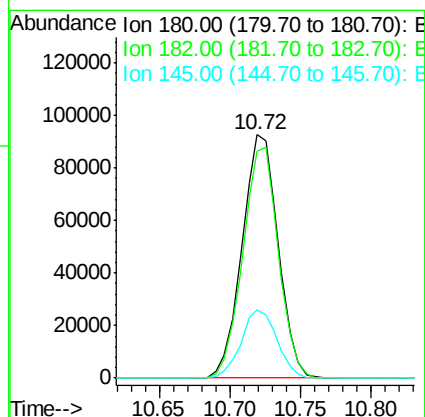
RT: 10.72 min Scan# 1265

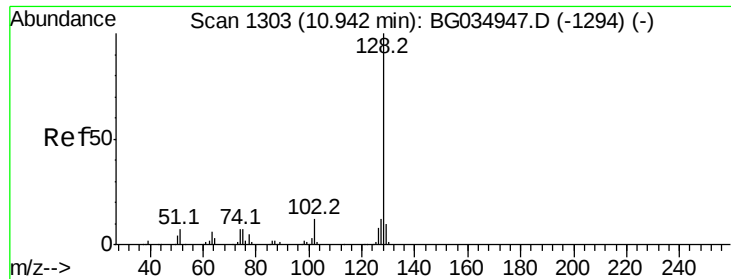
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	180	Resp:	165239
Ion Ratio	Lower	Upper	
180	100		
182	93.0	77.5	116.3
145	28.2	23.4	35.2





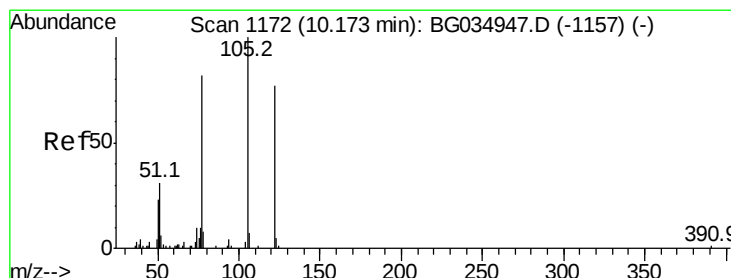
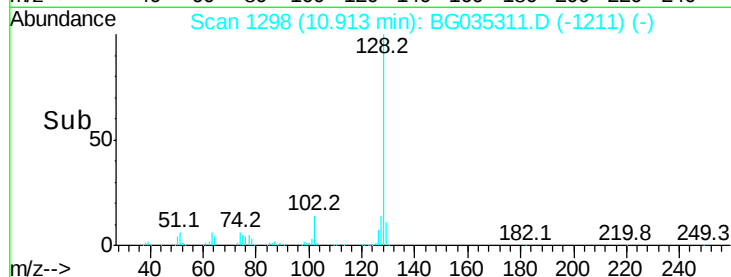
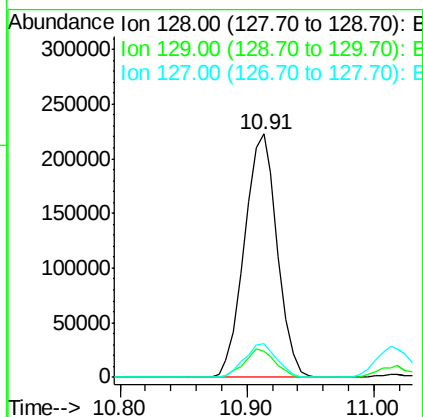
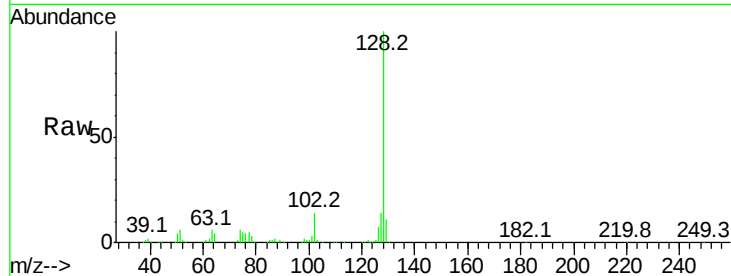
#31
Naphthalene
Concen: 43.386 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.6	12.8	
127	13.8	11.6	17.4	

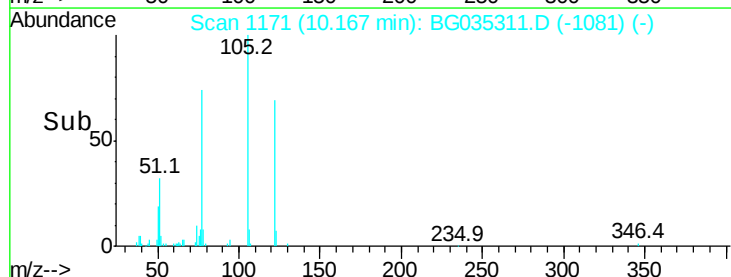
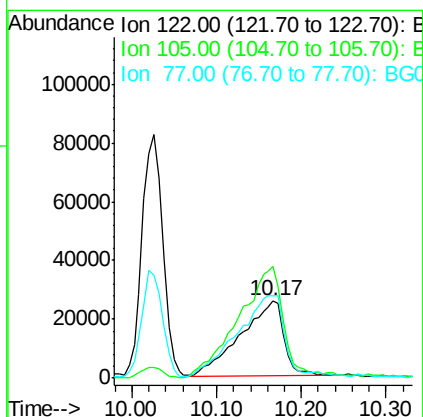
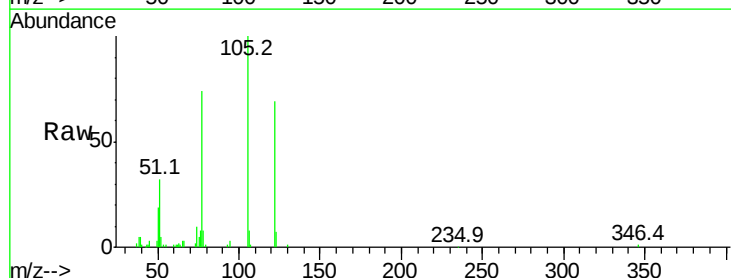
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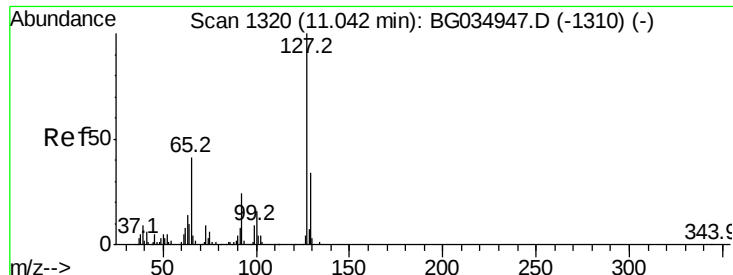
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#32
Benzoic acid
Concen: 50.129 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	144.6	123.5	163.5	
77	107.3	85.7	125.7	





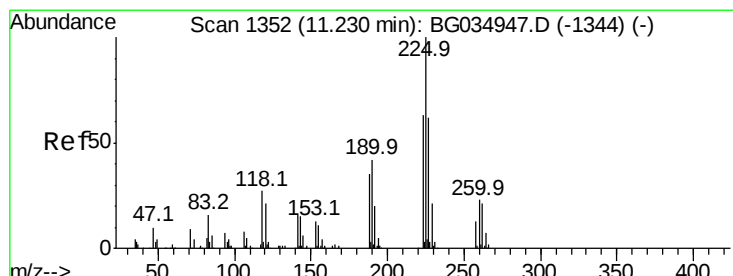
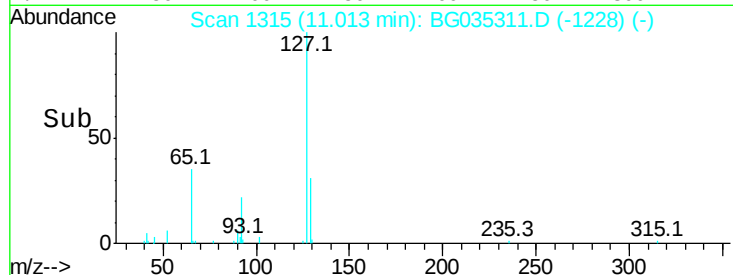
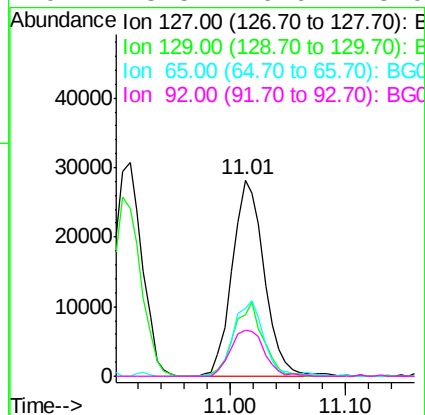
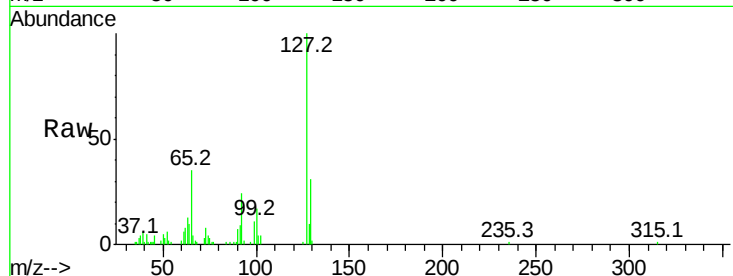
#33
4-Chloroaniline
Concen: 13.582 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	24.0	36.0		
65	34.8	27.0	40.4		
92	23.5	16.6	25.0		

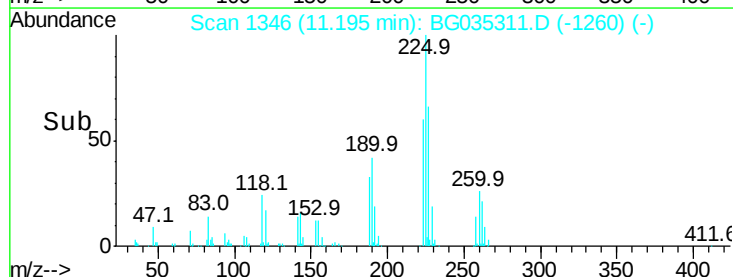
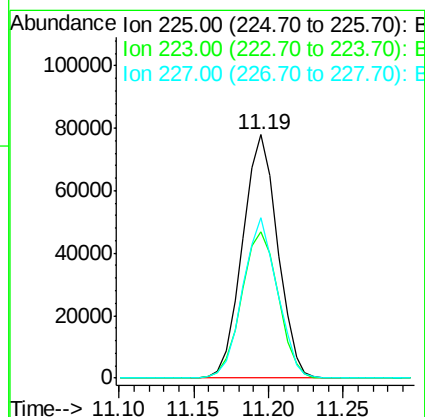
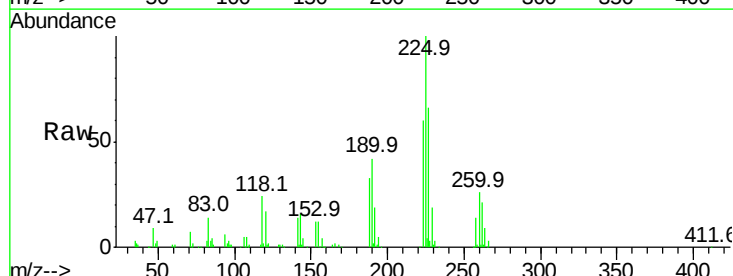
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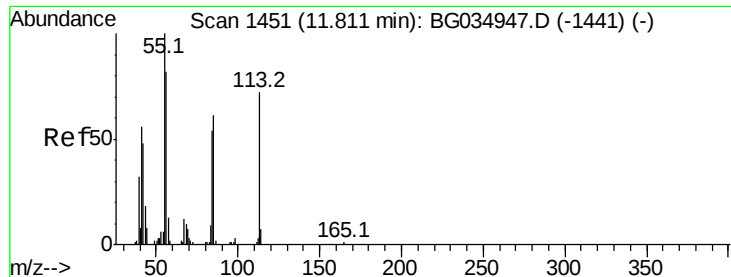
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#34
Hexachlorobutadiene
Concen: 45.267 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.3	49.7	74.5		
227	65.7	48.1	72.1		





#35

Caprolactam

Concen: 46.085 ng/mL

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

PB110432BS

Tot Ion:113 Resp: 51197

Ion Ratio Lower Upper

113 100

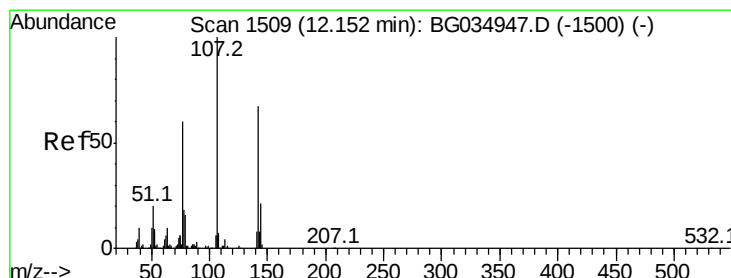
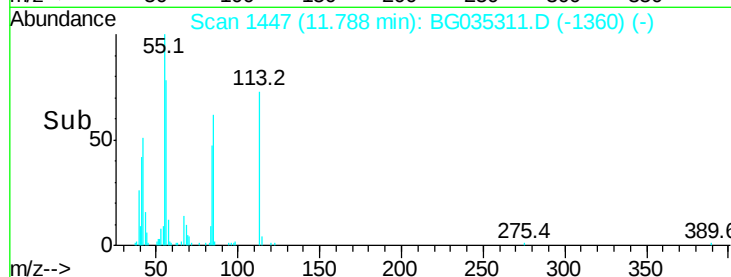
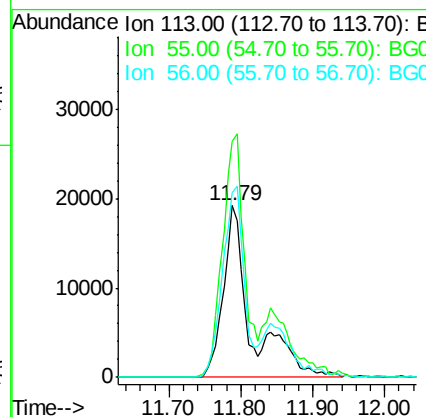
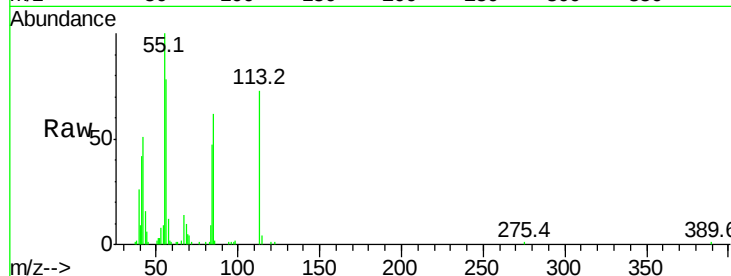
55 137.4 186.9 226.9#

56 107.3 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 49.784 ng/mL

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

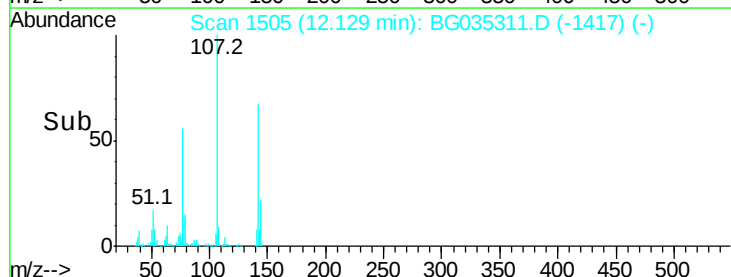
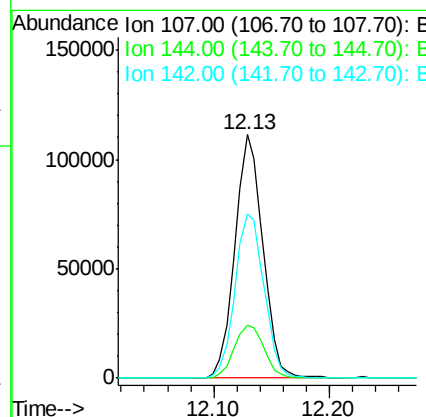
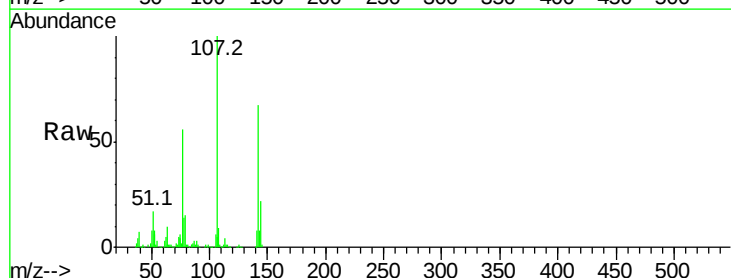
Tgt Ion:107 Resp: 186547

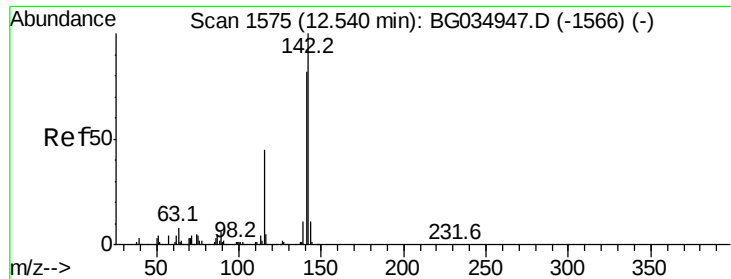
Ion Ratio Lower Upper

107 100

144 21.6 18.2 27.4

142 67.3 59.0 88.4





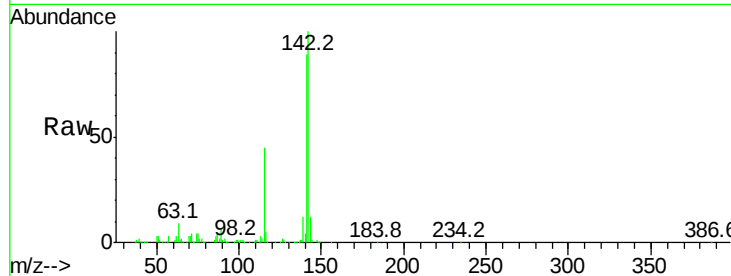
#37
2-Methylnaphthalene
Concen: 45.509 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.4	67.1	100.7	
115	44.8	30.7	46.1	

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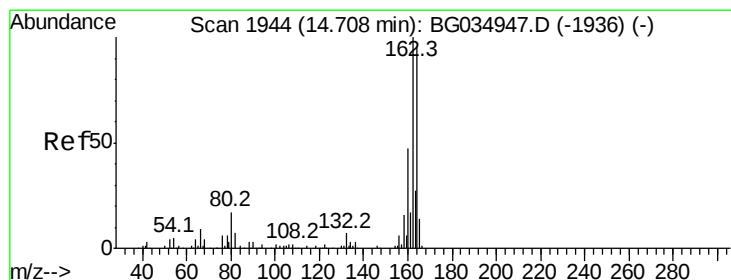
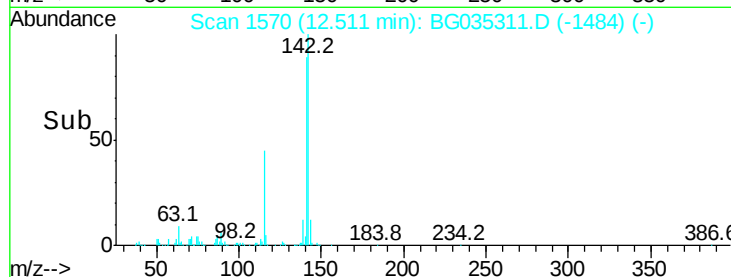
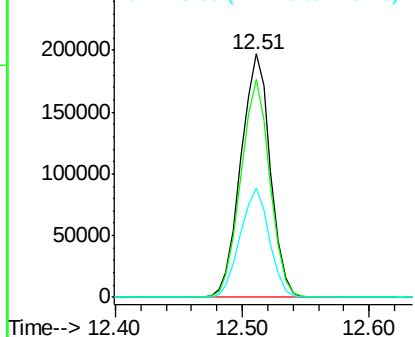


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

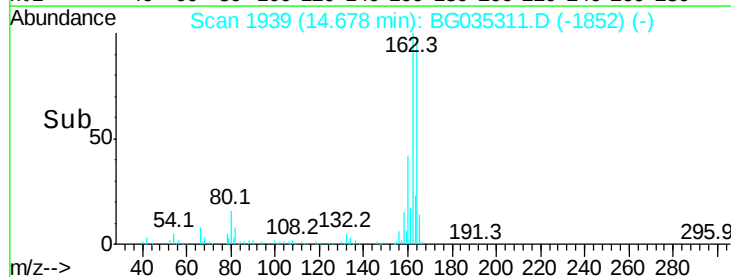
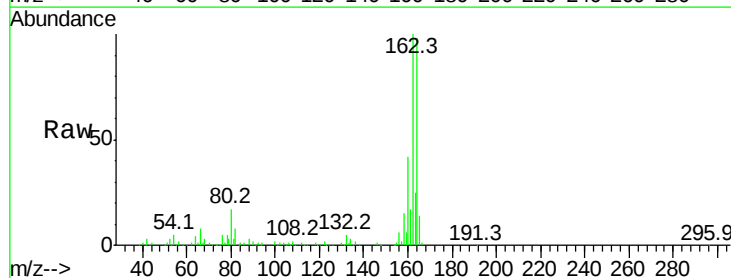
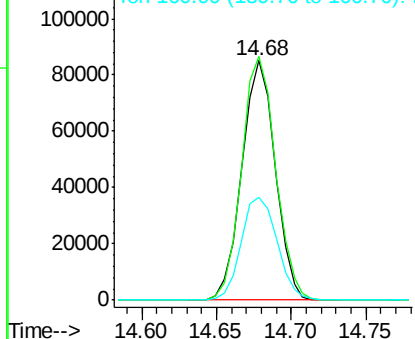
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	78.8	118.2	
160	43.0	35.4	53.0	

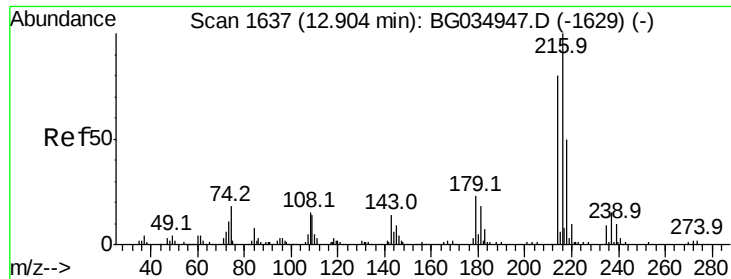
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





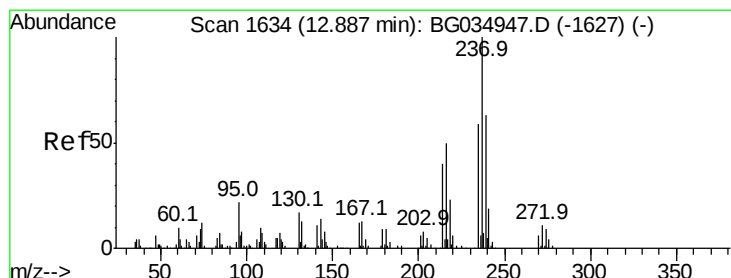
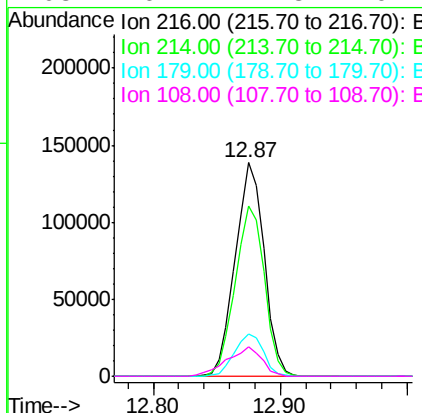
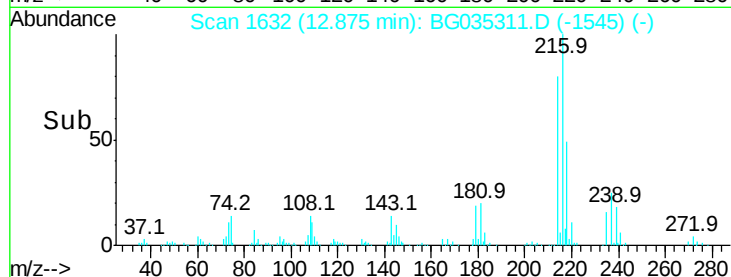
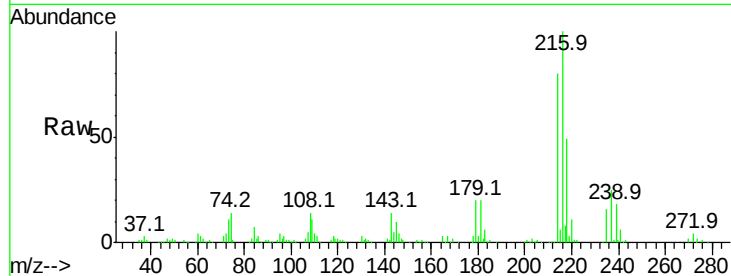
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.730 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.0	94.4
179	19.8	17.0	25.6
108	16.4	12.8	19.2

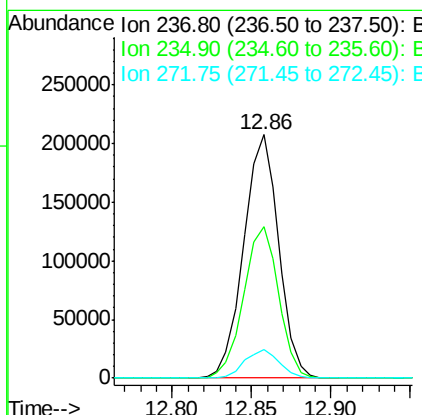
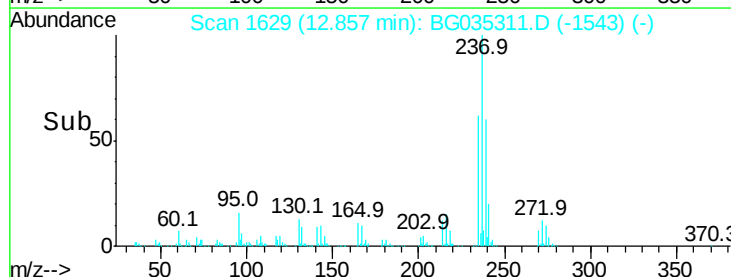
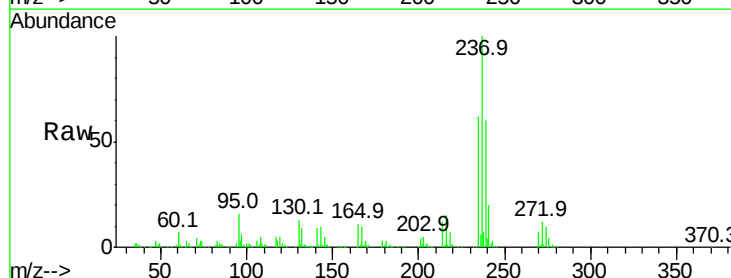
Manual Integrations
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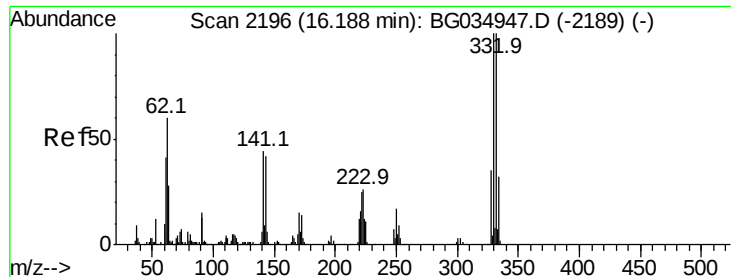
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 103.599 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	50.4	90.4
272	11.9	0.0	31.8





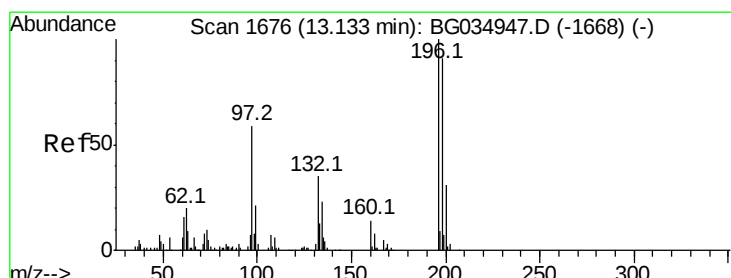
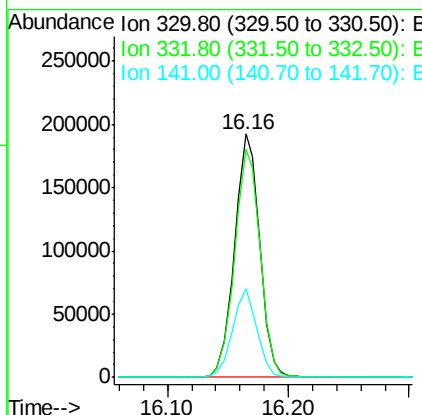
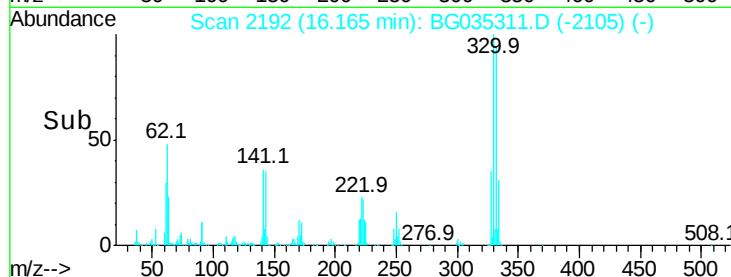
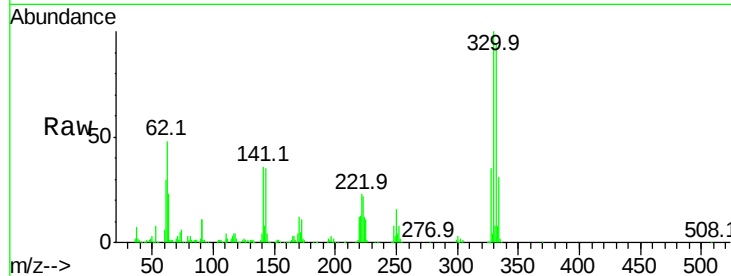
#41
2,4,6-Tribromophenol
Concen: 166.222 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampled :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279077		
332	95.0	77.0	115.6	
141	35.2	25.2	37.8	

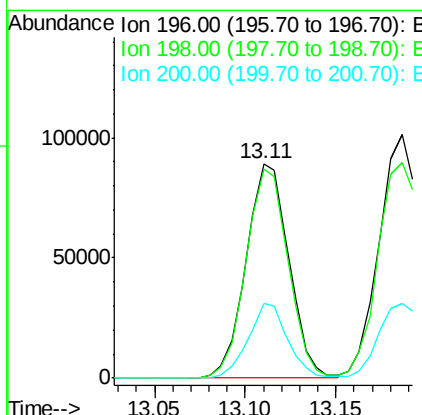
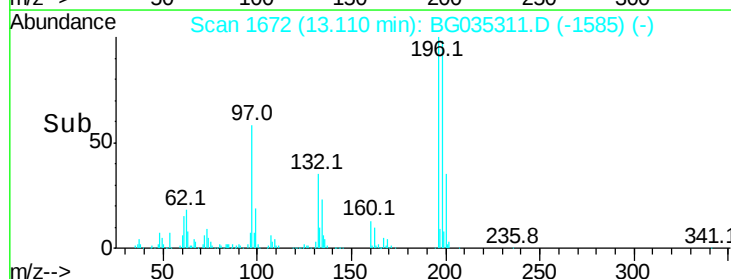
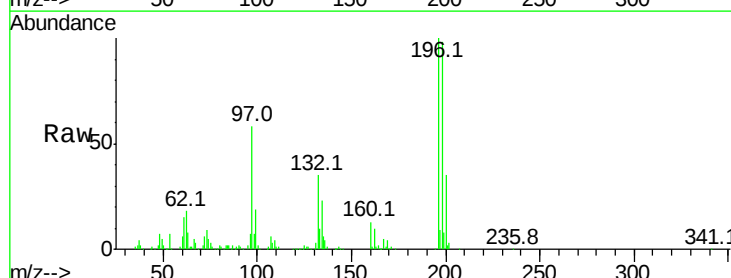
Manual Integrations
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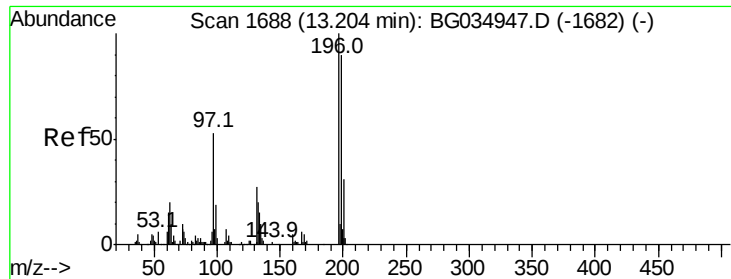
Sohil
6/22/2018 2:13:53 PM



#42
2,4,6-Trichlorophenol
Concen: 49.943 ng
RT: 13.11 min Scan# 1672
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146091		
198	97.8	78.2	117.2	
200	34.7	24.6	36.8	





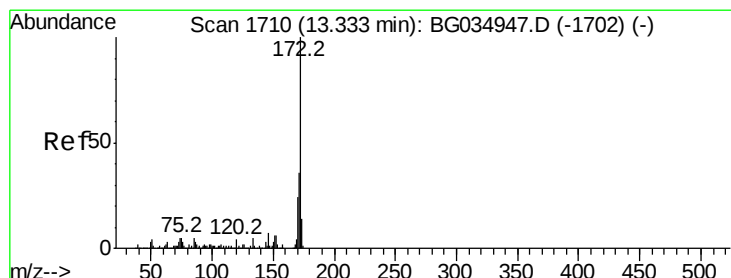
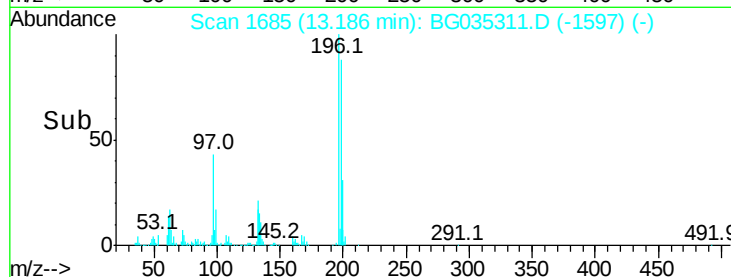
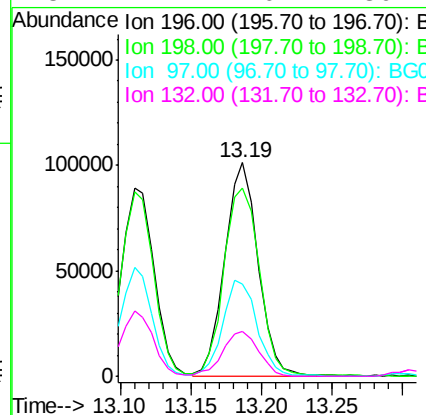
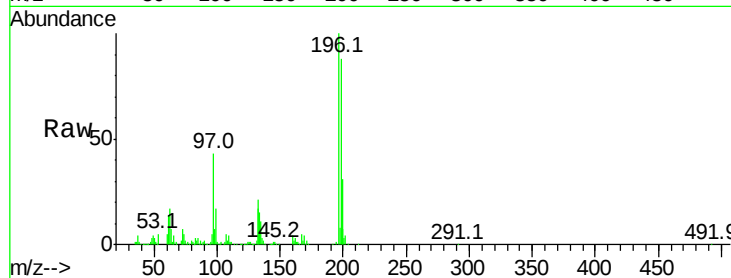
#43
2,4,5-Trichlorophenol
Concen: 51.370 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampled :
PB110432BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.3	76.2	114.4
97	43.1	38.7	58.1
132	21.2	20.2	30.2

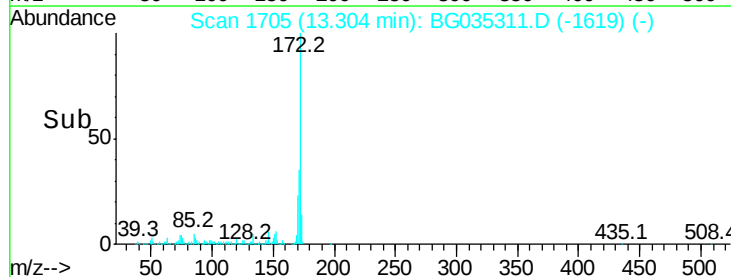
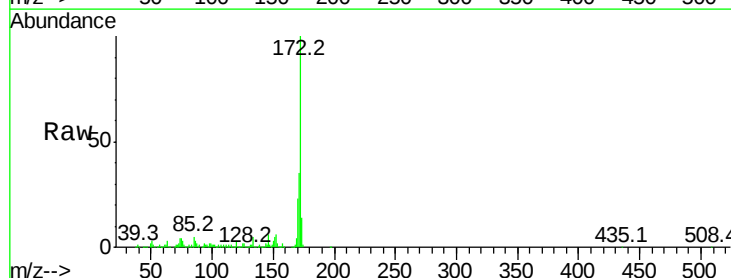
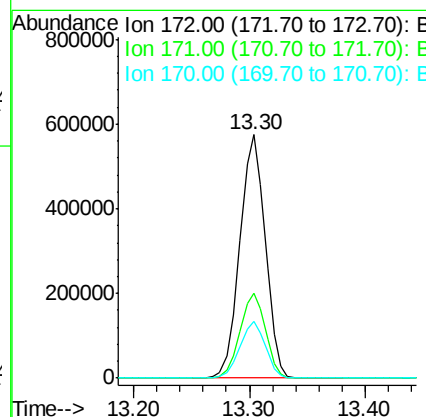
Manual Integrations
APPROVED

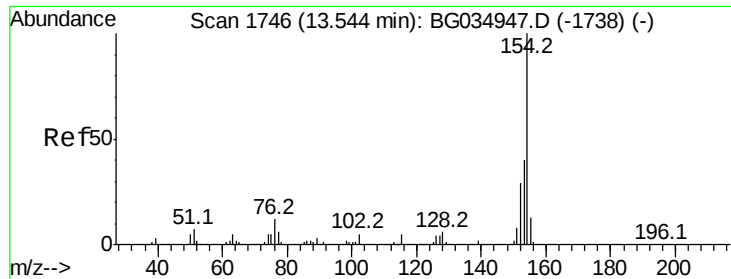
Sohil
6/22/2018 2:13:53 PM



#44
2-Fluorobiphenyl
Concen: 86.671 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.5	19.5	29.3





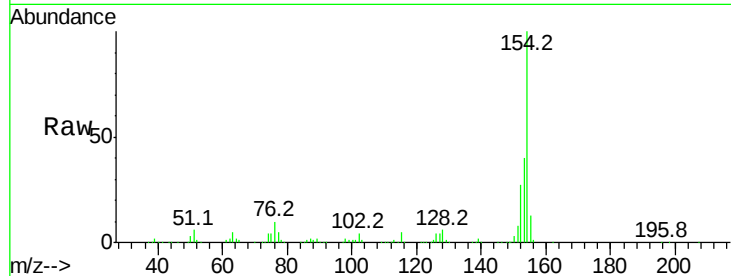
#45
 1,1'-Biphenyl
 Concen: 41.847 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

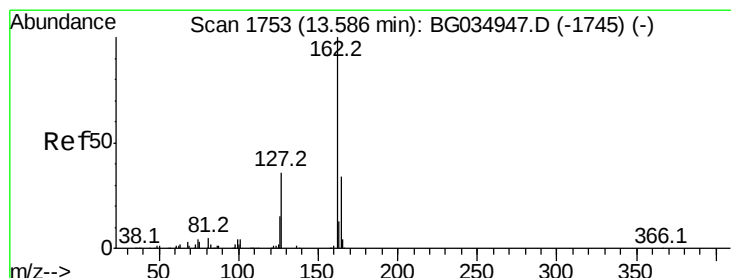
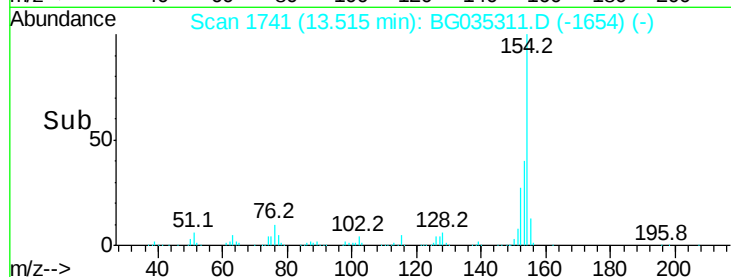
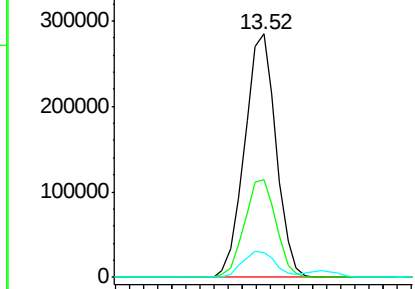
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	10.3	0.0	31.9

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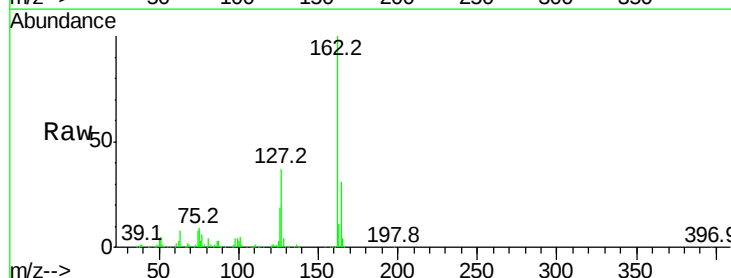


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

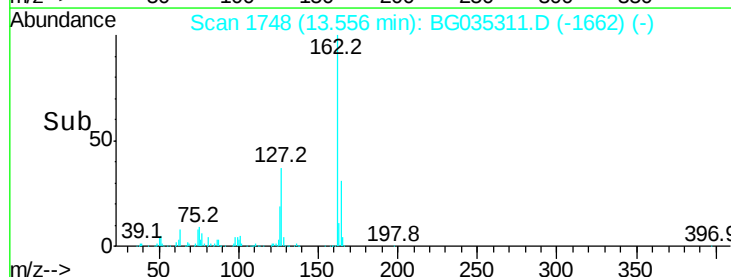
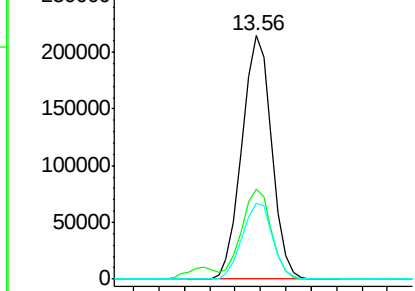


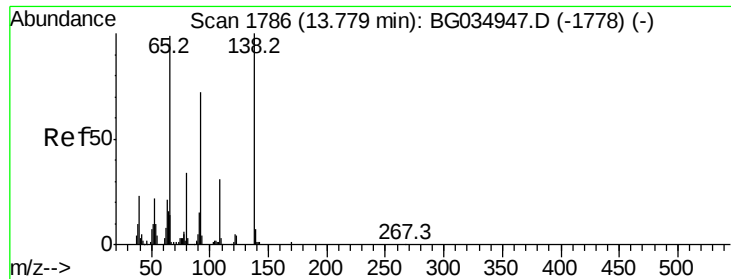
#46
 2-Chloronaphthalene
 Concen: 43.717 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	31.1	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





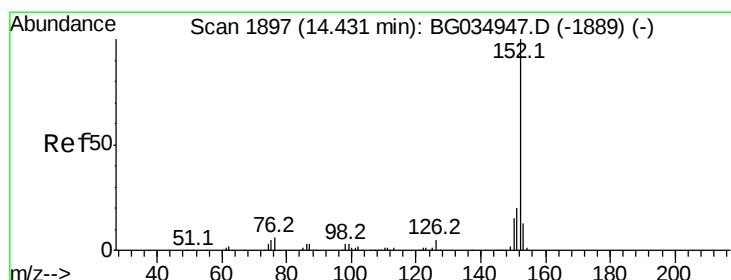
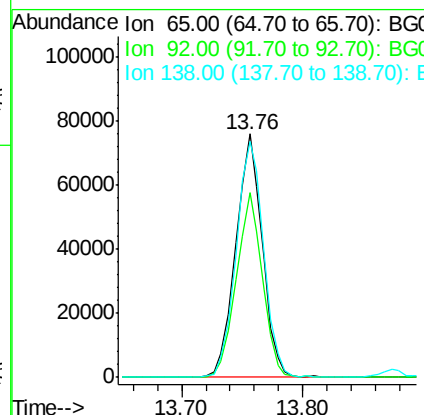
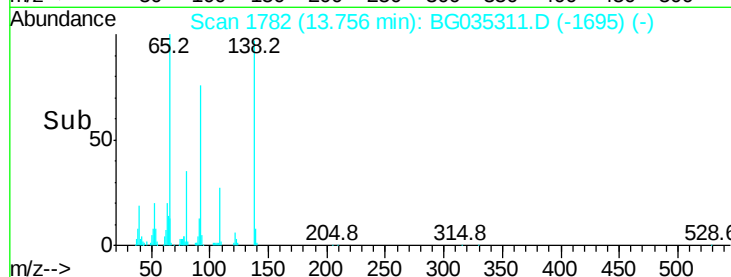
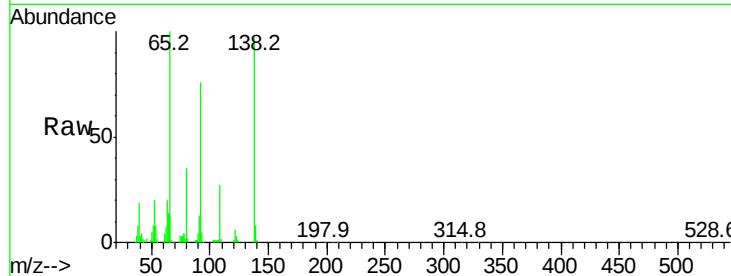
#47
2-Nitroaniline
Concen: 49.260 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	54.6	82.0
138	96.7	72.9	109.3

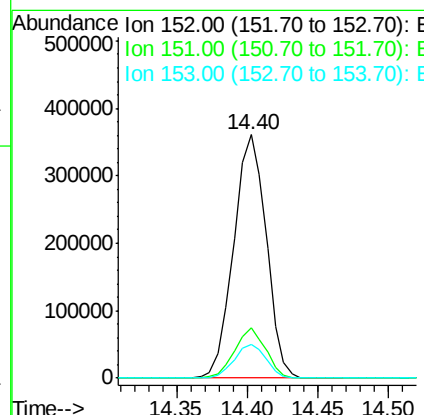
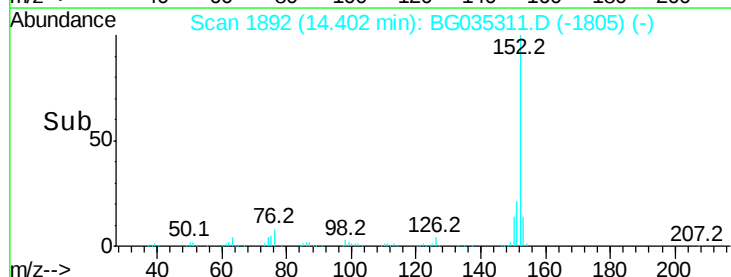
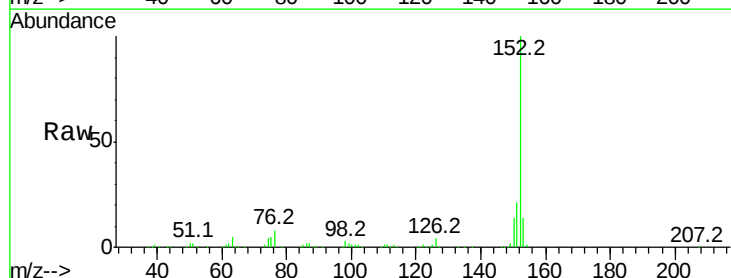
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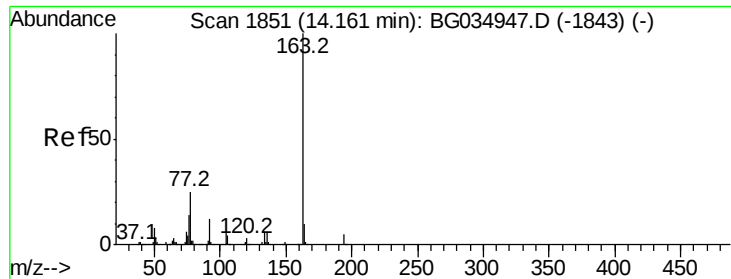
Sohil
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#48
Acenaphthylene
Concen: 43.326 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	13.9	10.2	15.4





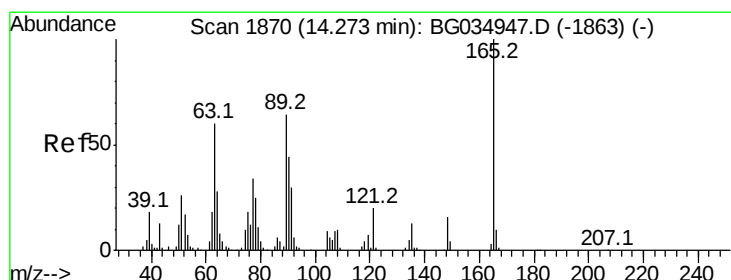
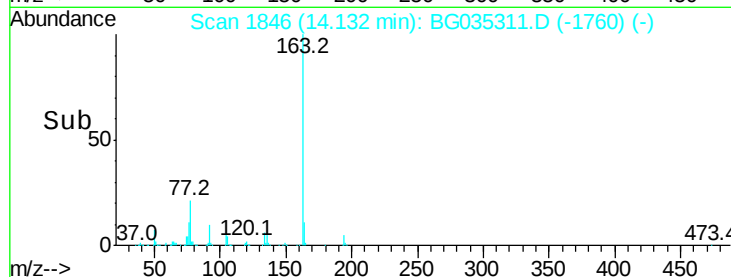
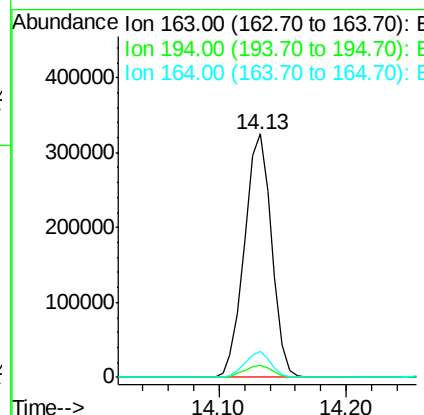
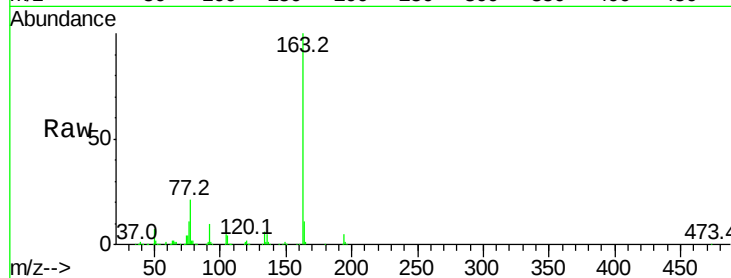
#49
Dimethylphthalate
Concen: 42.070 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.0	3.4	5.2	
164	10.8	8.2	12.4	

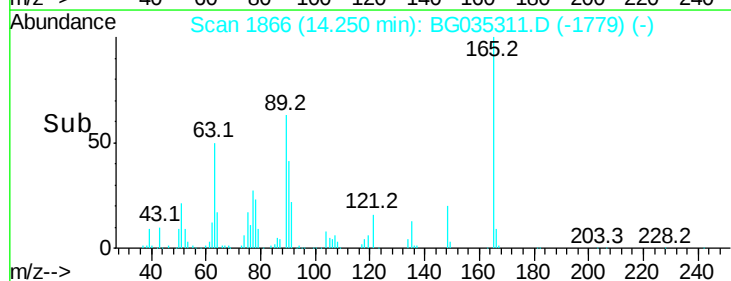
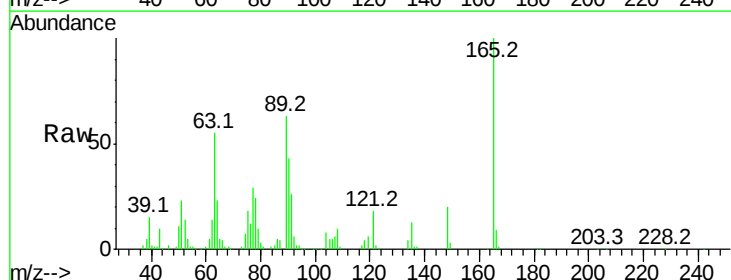
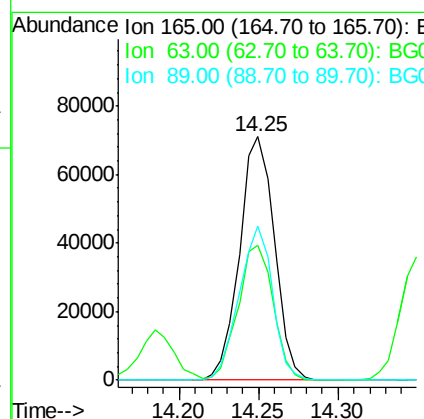
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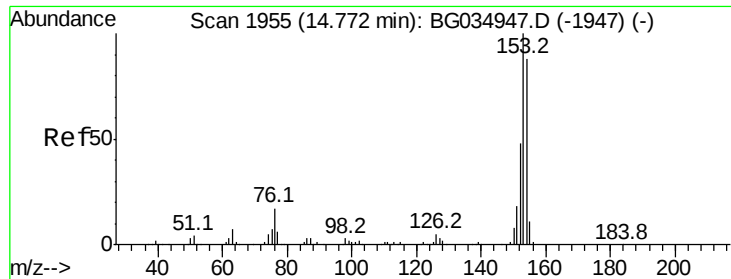
Sohil
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#50
2,6-Dinitrotoluene
Concen: 52.085 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.3	52.7	79.1	
89	63.5	49.2	73.8	





#51

Acenaphthene

Concen: 39.005 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

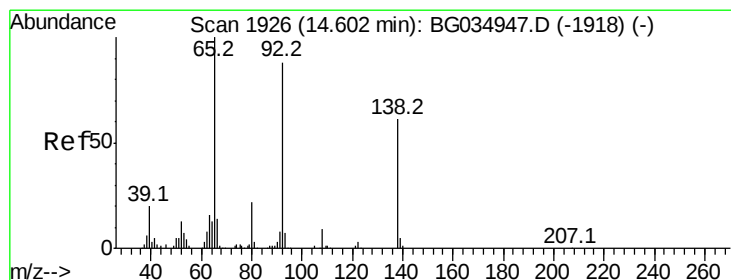
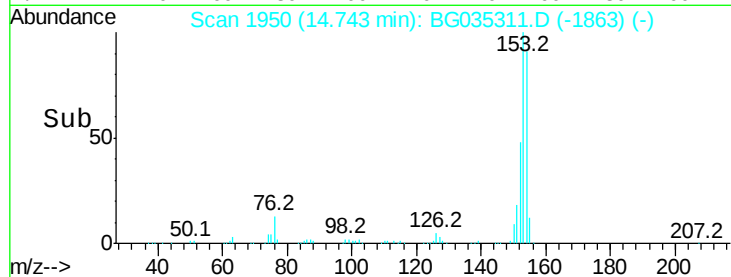
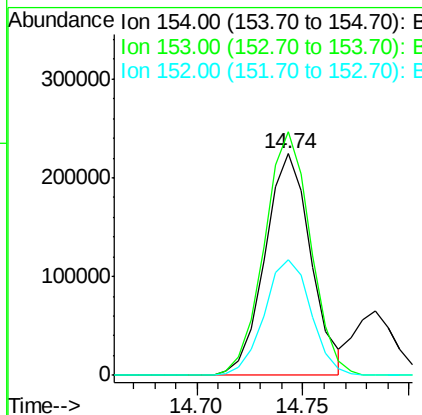
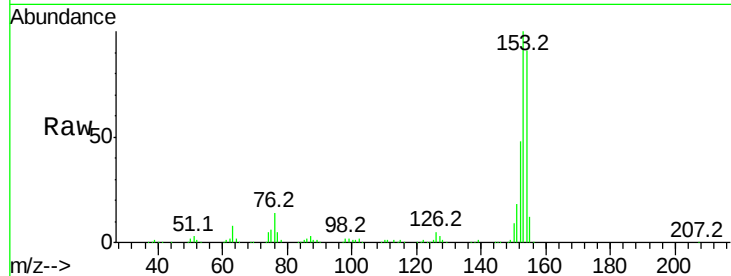
ClientSampleId :

PB110432BS

Tot Ion:	154	Resp:	340729
Ion Ratio	Lower	Upper	
154	100		
153	109.9	90.4	135.6
152	52.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 25.446 ng

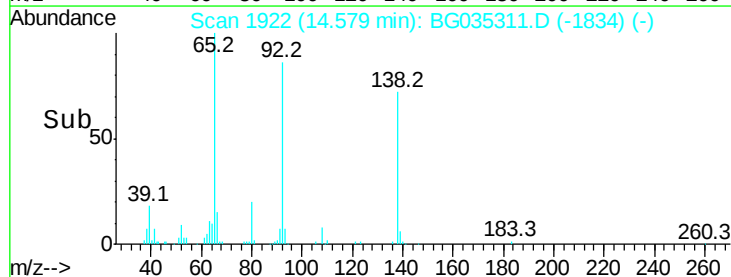
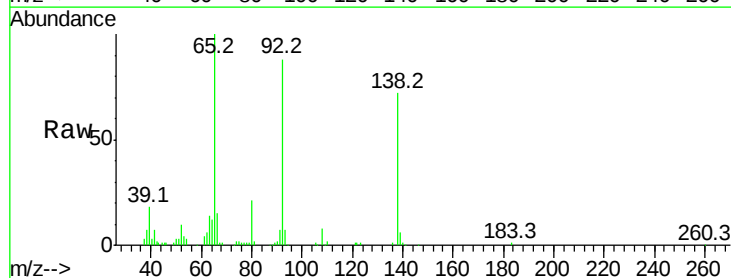
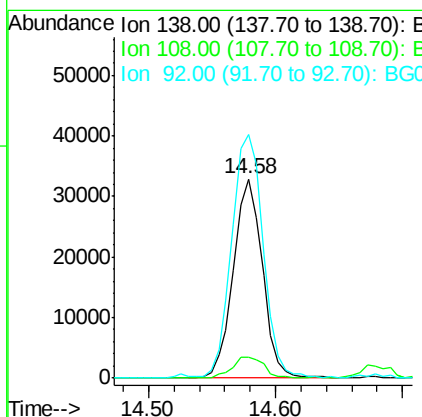
RT: 14.58 min Scan# 1922

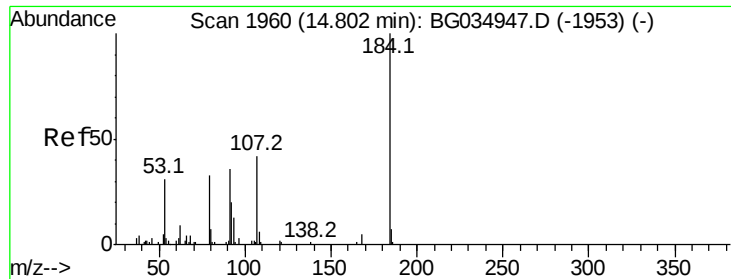
Delta R.T. -0.01 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	138	Resp:	52099
Ion Ratio	Lower	Upper	
138	100		
108	10.5	17.5	26.3#
92	122.1	105.8	158.8





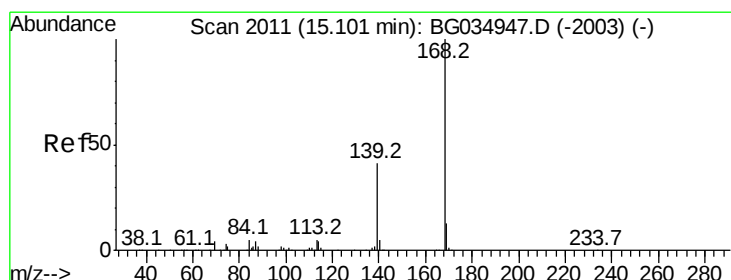
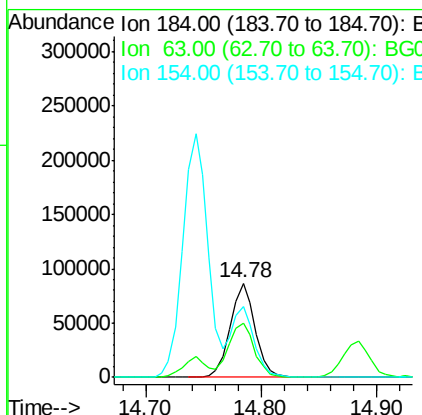
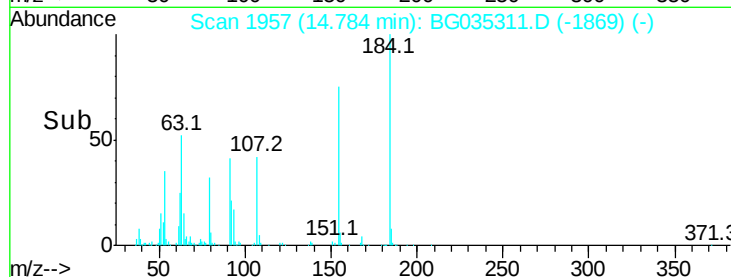
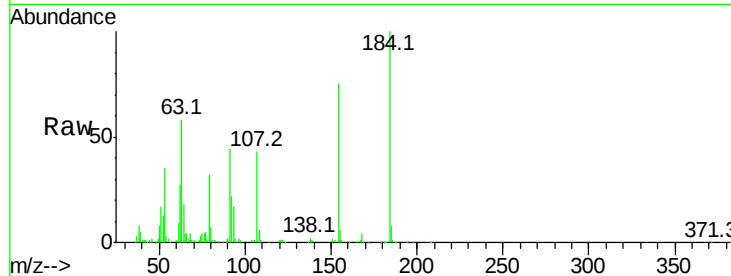
#53
2,4-Dinitrophenol
Concen: 153.612 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.2	59.8	89.8#
154	74.8	101.8	152.8#

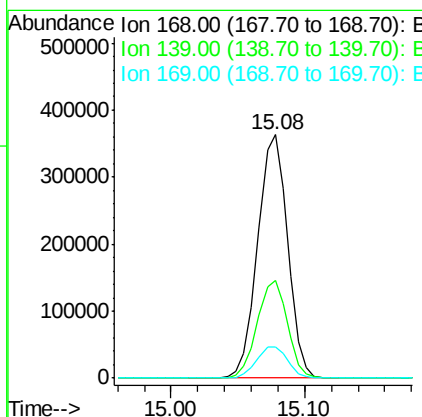
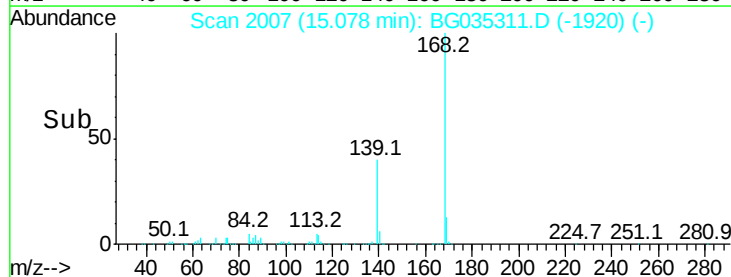
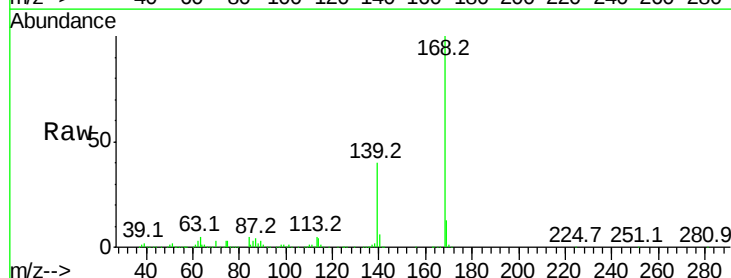
Manual Integrations
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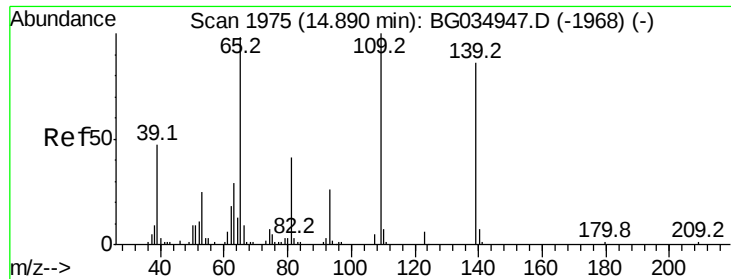
Sohil
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#54
Dibenzofuran
Concen: 42.909 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	28.6	43.0
169	12.9	11.2	16.8





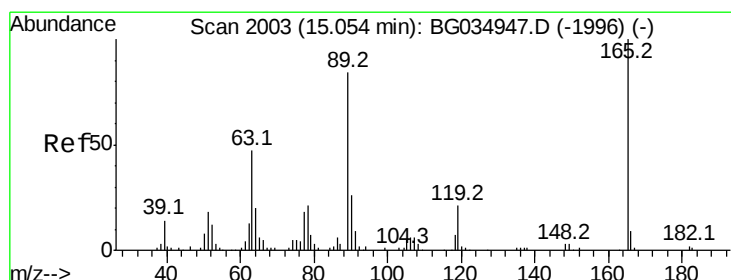
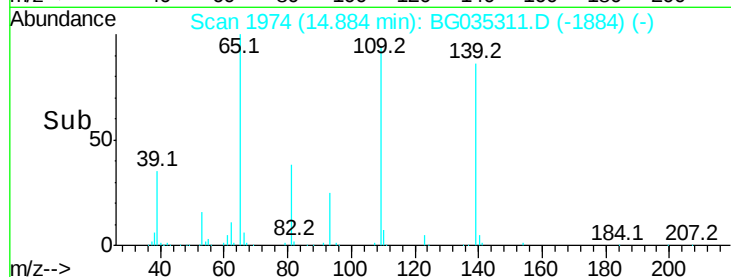
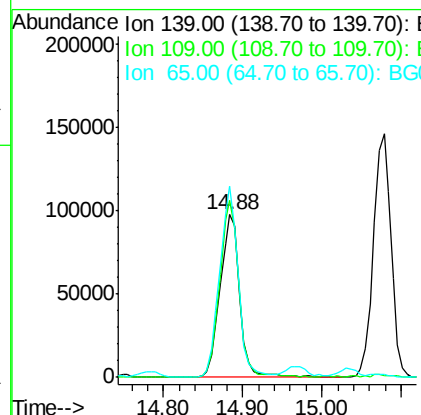
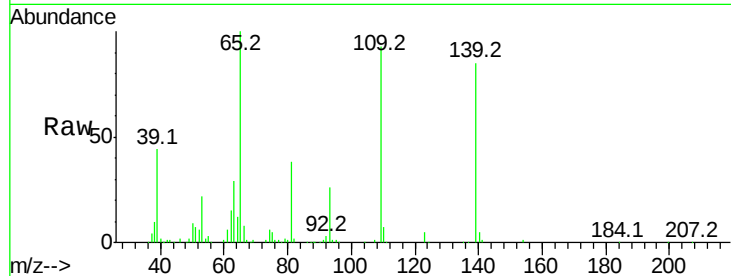
#55
4-Nitrophenol
Concen: 96.874 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.0	62.2	102.2#	
65	117.5	97.2	137.2	

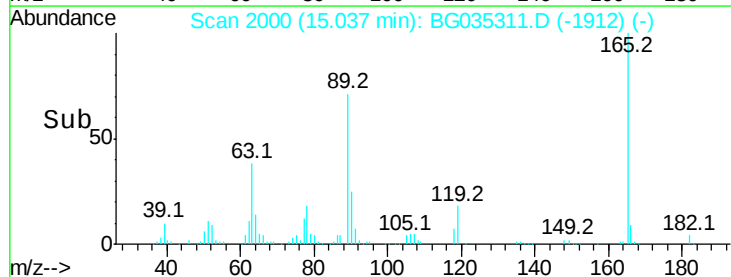
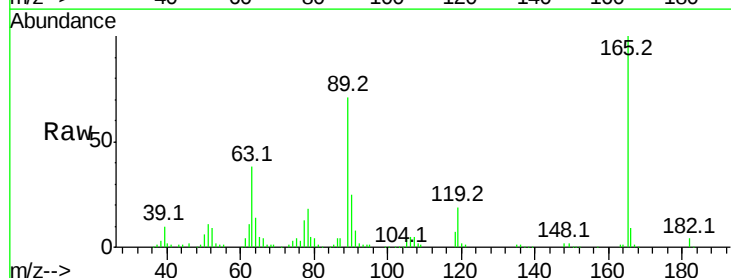
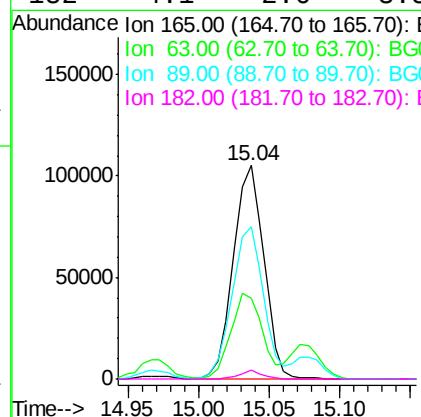
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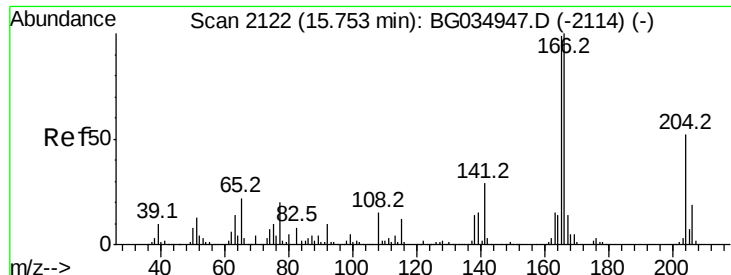
Sohil
6/22/2018 2:13:53 PM



#56
2,4-Dinitrotoluene
Concen: 57.379 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.9	42.0	63.0#	
89	71.3	66.9	100.3	
182	4.1	2.6	3.8#	





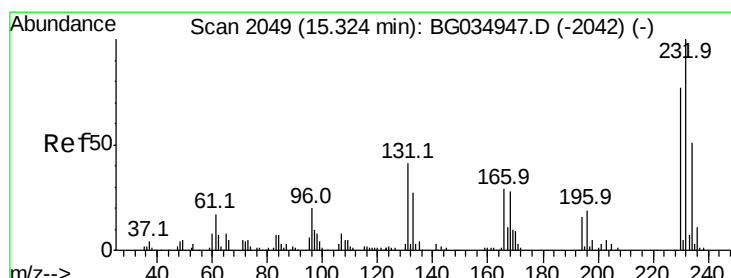
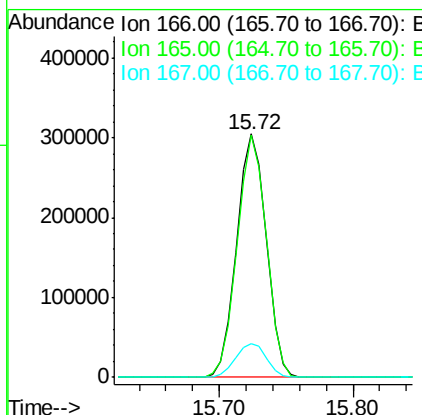
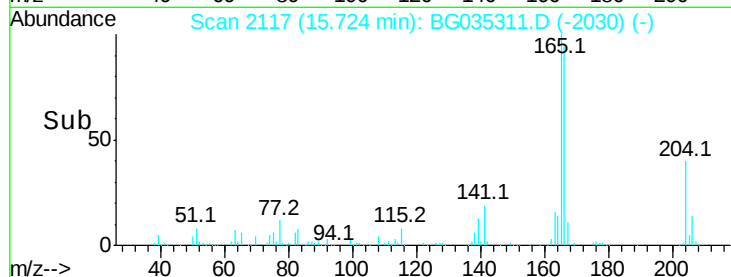
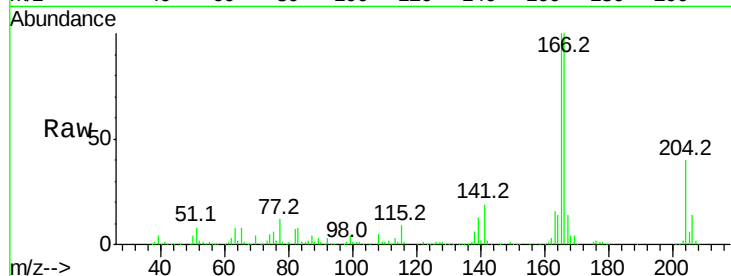
#57
 Fluorene
 Concen: 42.738 ng
 RT: 15.72 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	467299		
165	99.7	80.6	121.0	
167	13.9	10.4	15.6	

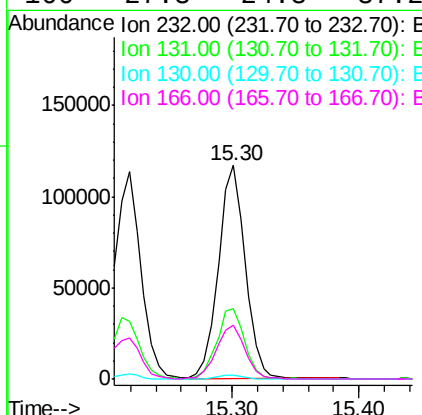
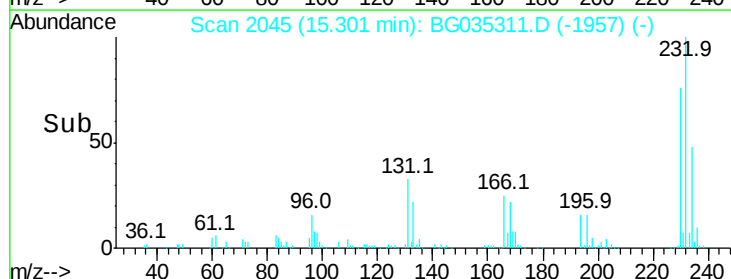
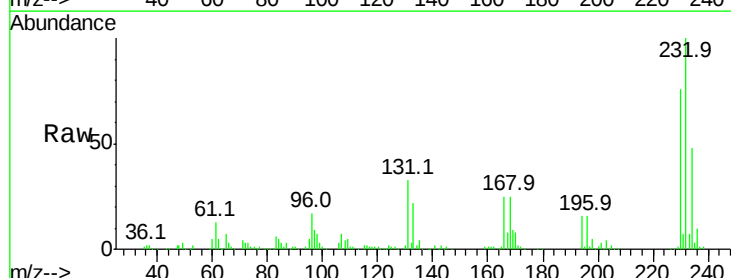
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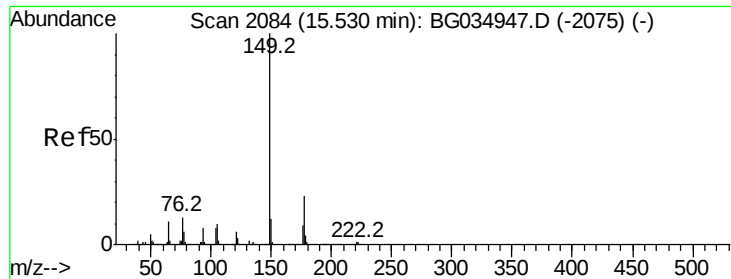
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.892 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	171208		
131	35.2	33.5	50.3	
130	1.9	2.2	3.2#	
166	27.3	24.8	37.2	





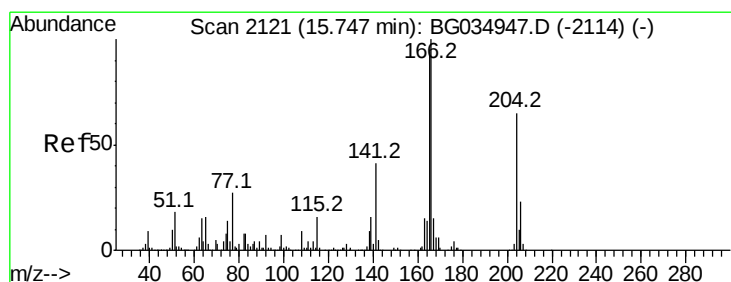
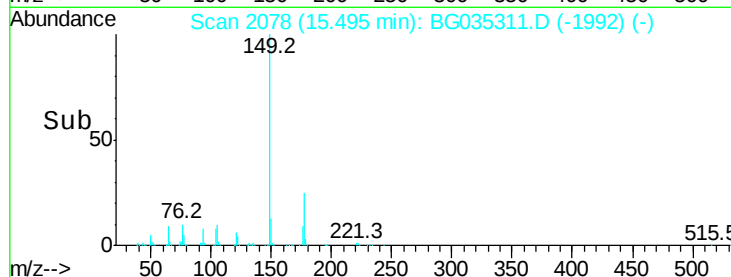
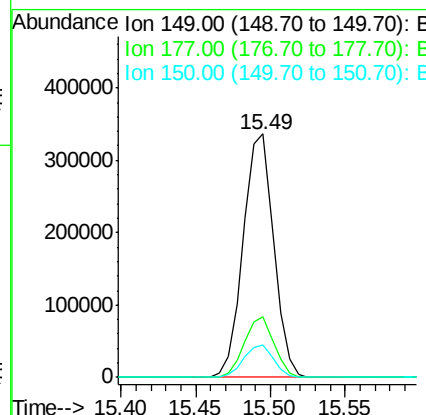
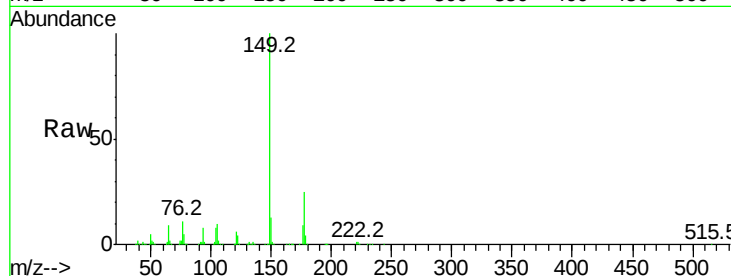
#59
Diethylphthalate
Concen: 40.871 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	13.3	10.2	15.2

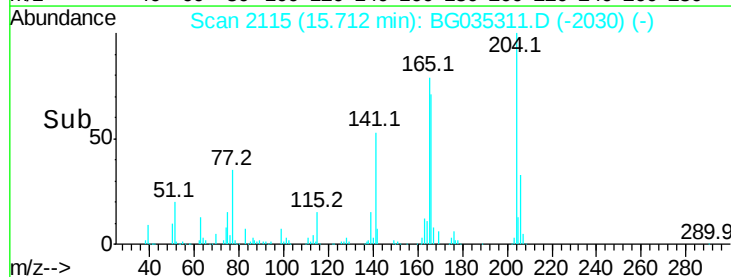
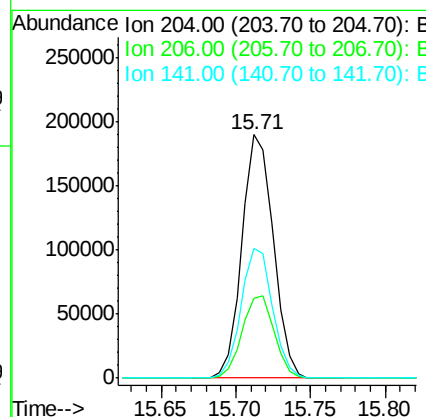
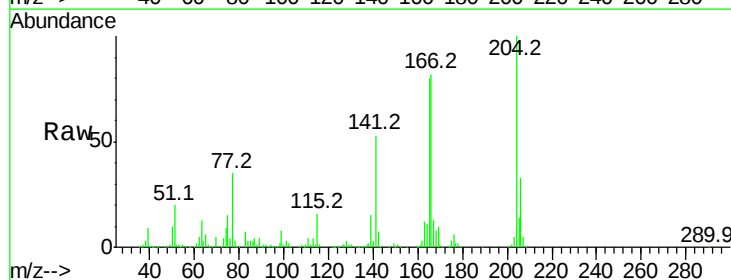
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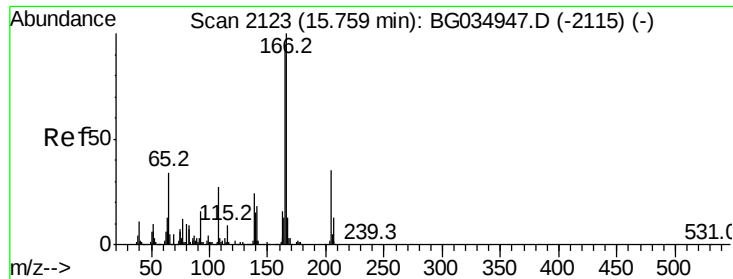
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.461 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	53.5	45.8	68.6





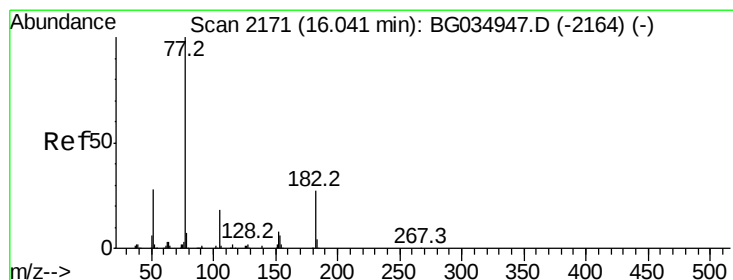
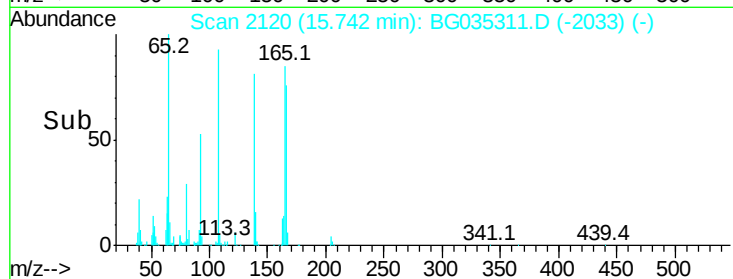
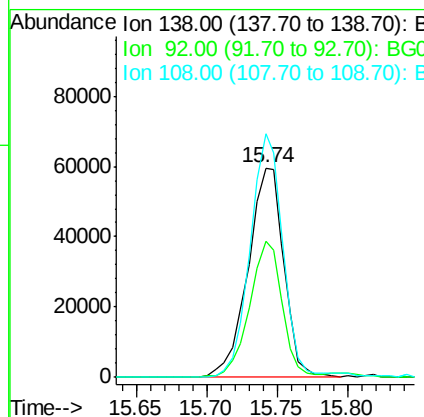
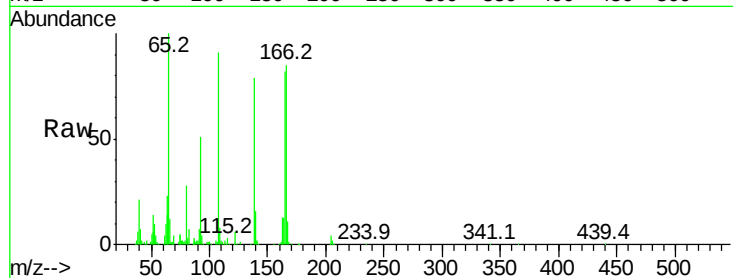
#61
4-Nitroaniline
Concen: 48.398 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.2	40.1	80.1
108	116.1	65.4	105.4

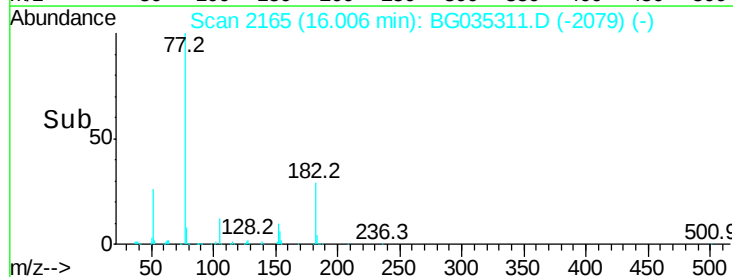
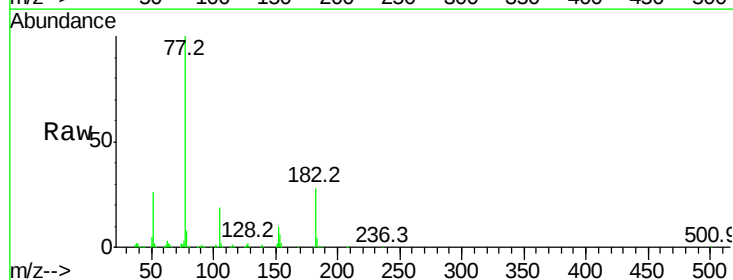
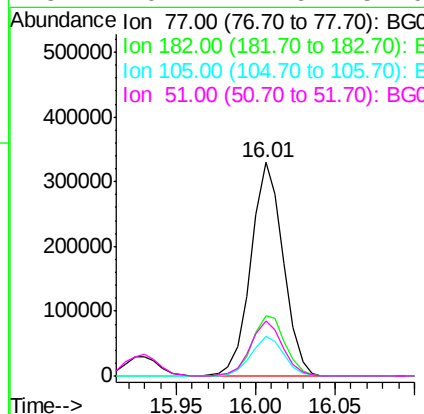
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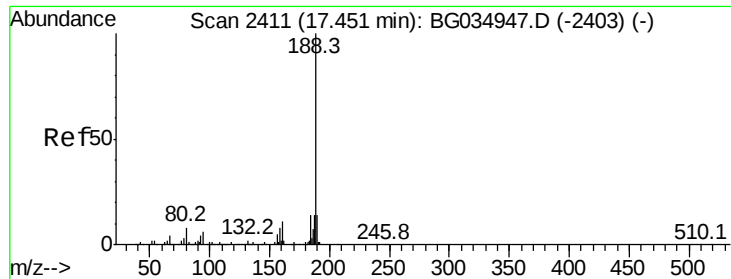
Sohil
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#62
Azobenzene
Concen: 40.693 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.4	47.4
105	18.6	0.3	40.3
51	26.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

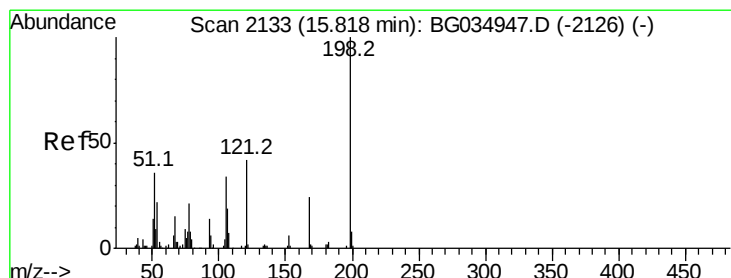
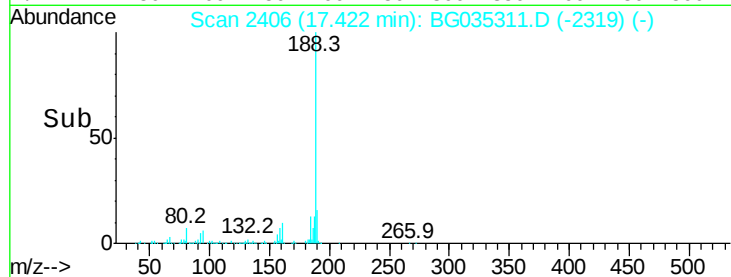
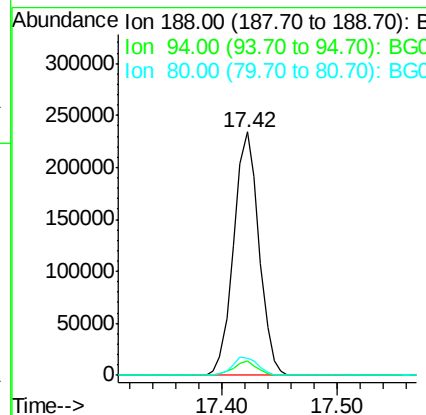
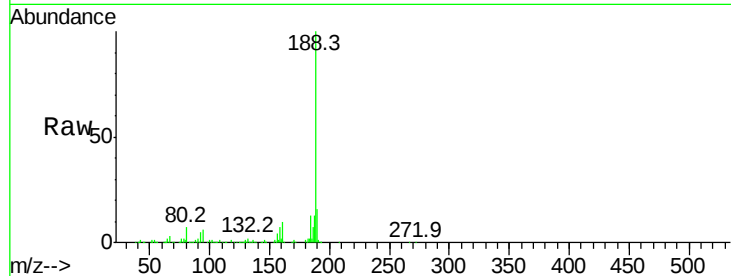
ClientSampleId :

PB110432BS

Tot Ion:	188	Resp:	354100
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.9	10.3#
80	7.0	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 58.114 ng

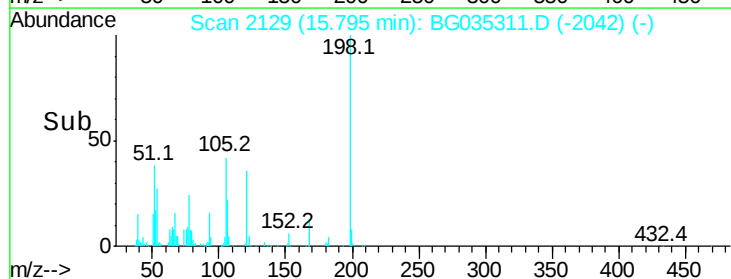
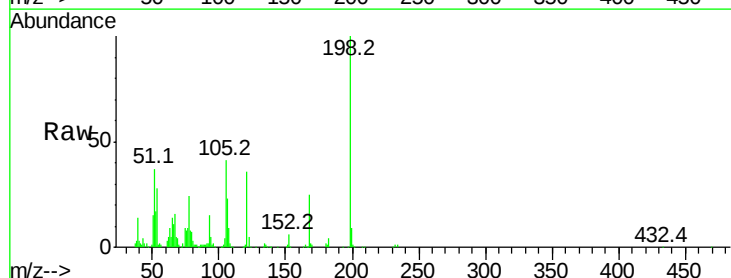
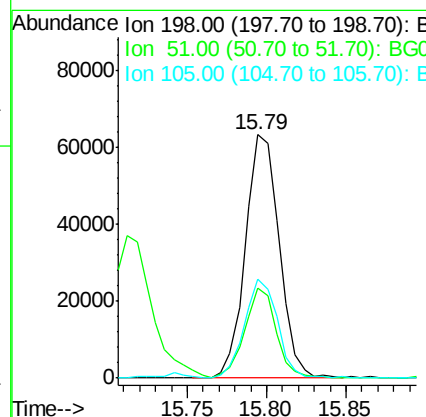
RT: 15.79 min Scan# 2129

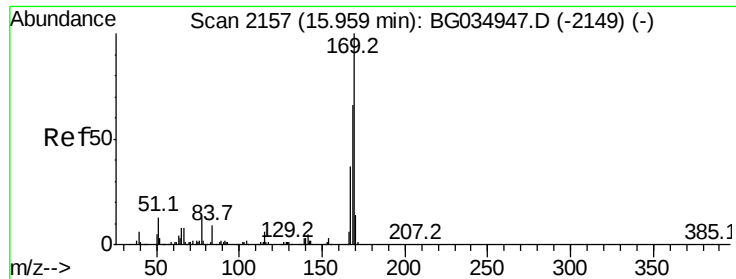
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	198	Resp:	93954
Ion Ratio	Lower	Upper	
198	100		
51	36.9	30.6	70.6
105	40.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.569 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

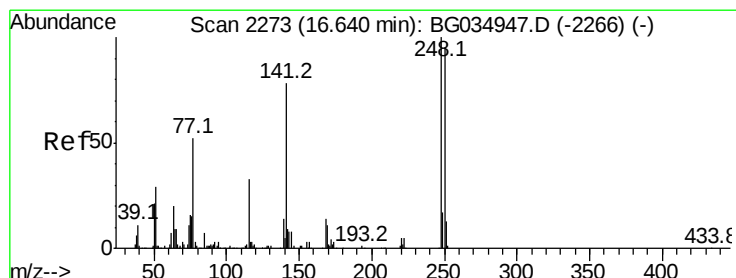
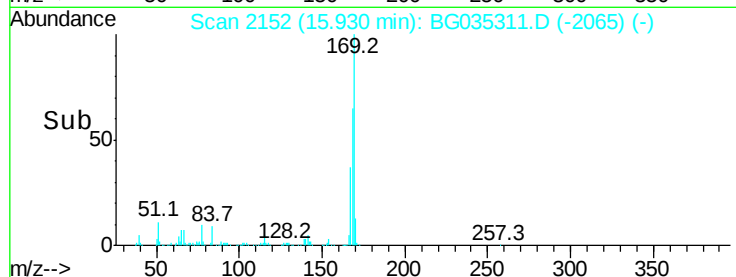
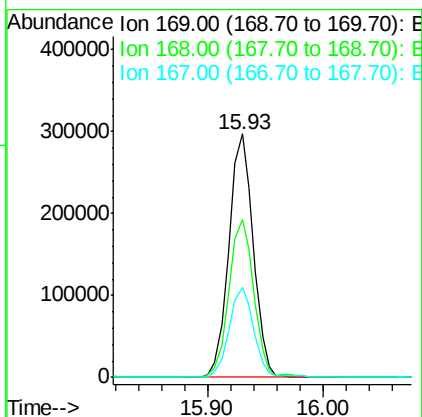
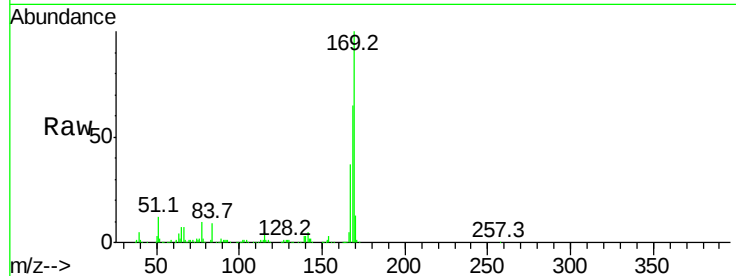
ClientSampleId :

PB110432BS

Tot Ion:	169	Resp:	431409
Ion Ratio	Lower	Upper	
169	100		
168	64.8	55.7	83.5
167	37.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 44.386 ng

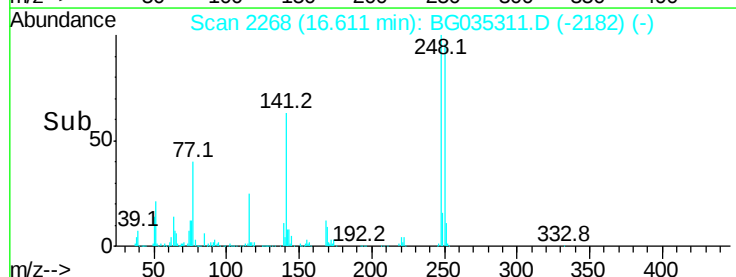
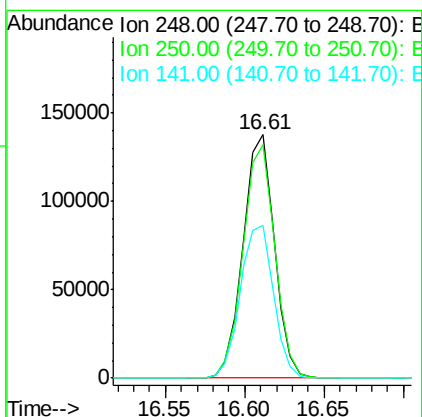
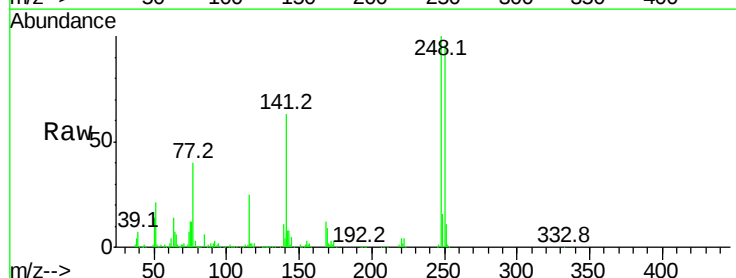
RT: 16.61 min Scan# 2268

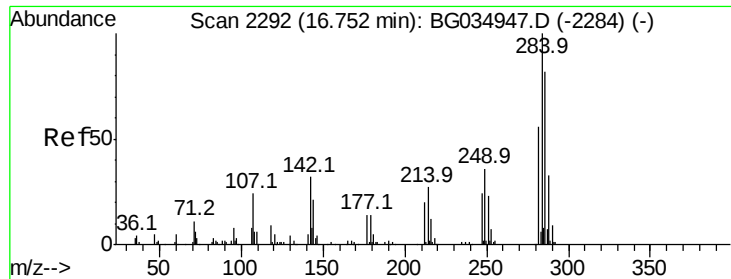
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	248	Resp:	189271
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.1	115.7
141	62.9	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.912 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

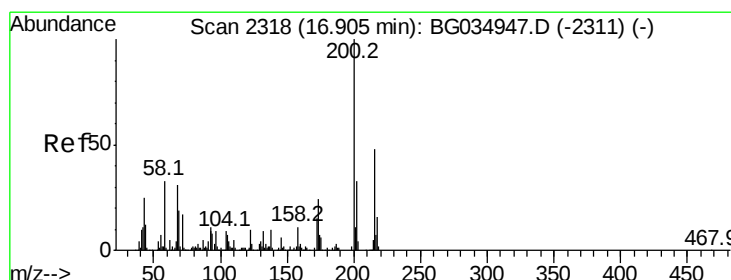
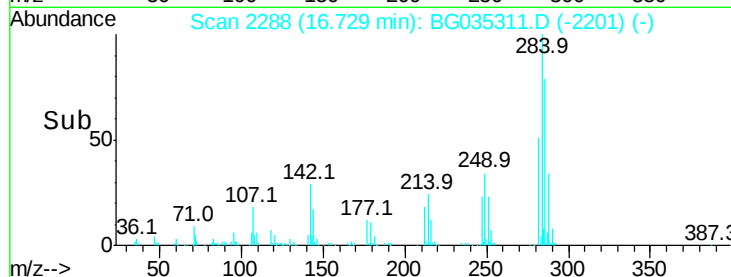
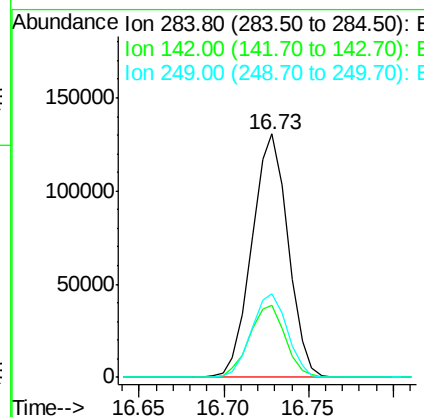
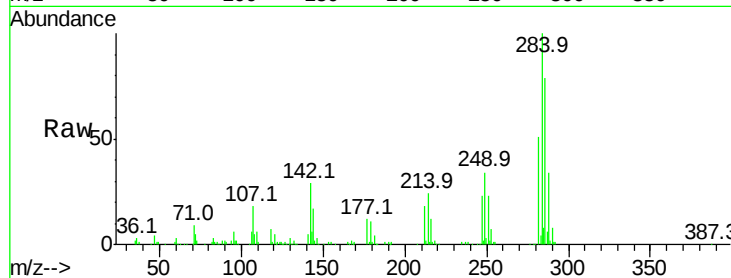
ClientSampleId :

PB110432BS

Tot Ion:	284	Resp:	194929
Ion Ratio	Lower	Upper	
284	100		
142	29.4	26.8	40.2
249	34.4	26.3	39.5

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#68

Atrazine

Concen: 42.049 ng

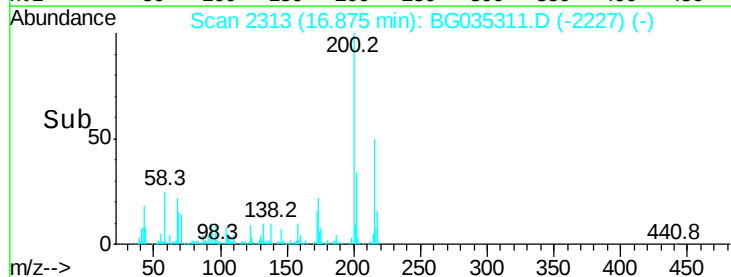
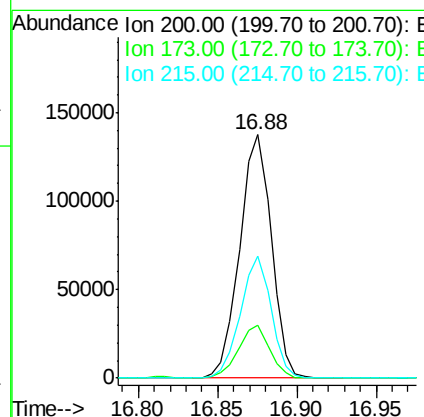
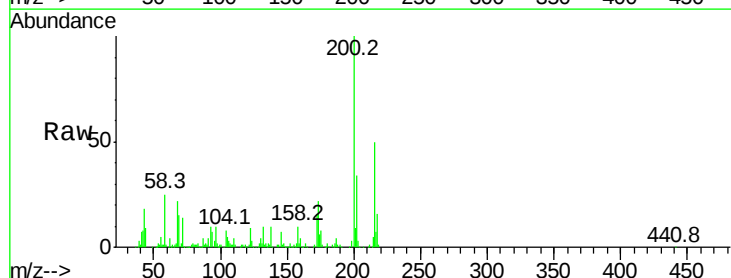
RT: 16.88 min Scan# 2313

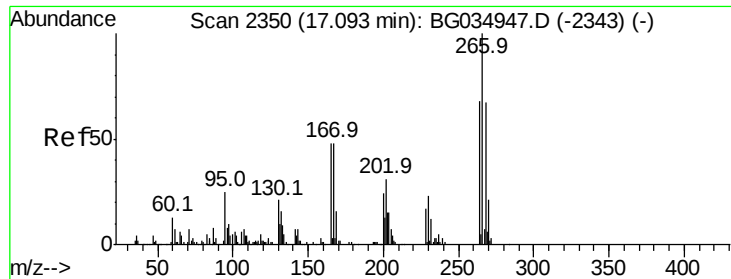
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	200	Resp:	190686
Ion Ratio	Lower	Upper	
200	100		
173	21.7	5.2	45.2
215	49.9	30.4	70.4





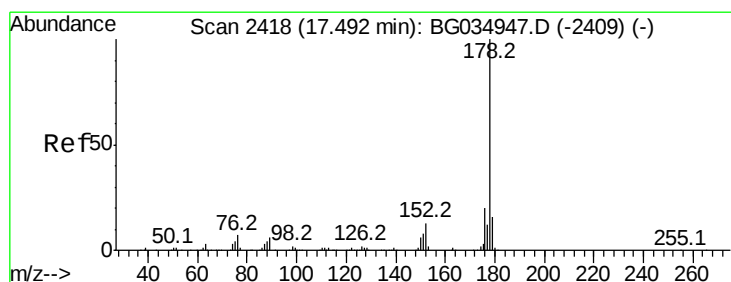
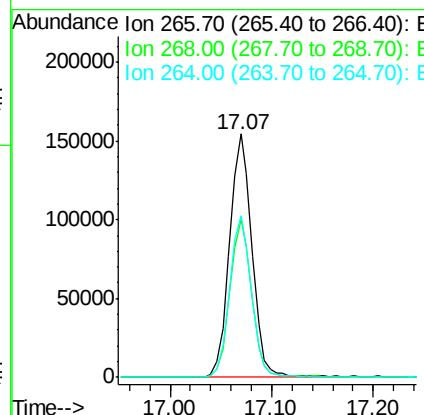
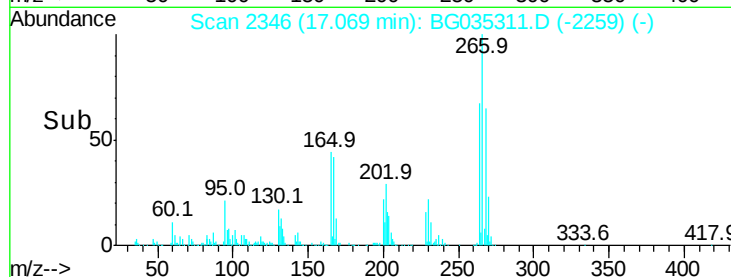
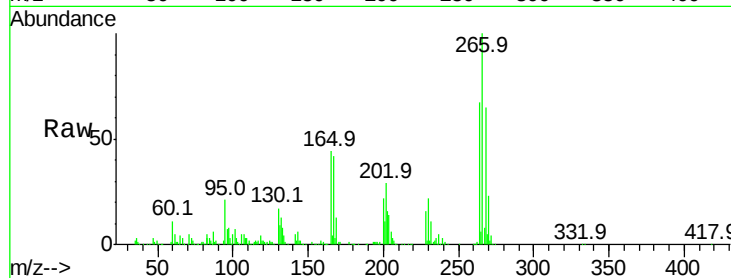
#69
 Pentachlorophenol
 Concen: 81.171 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	51.1	76.7	
264	66.6	49.6	74.4	

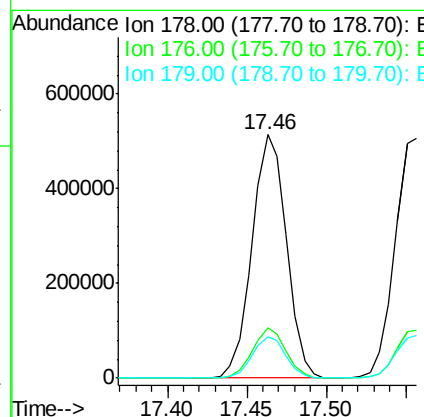
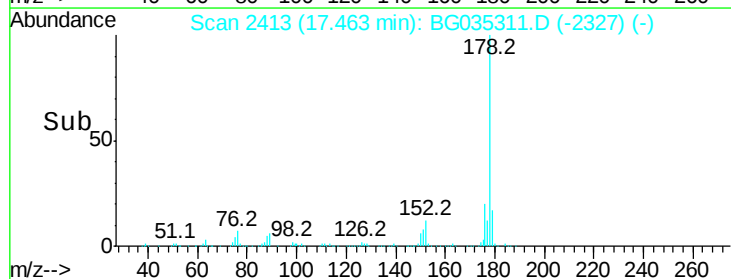
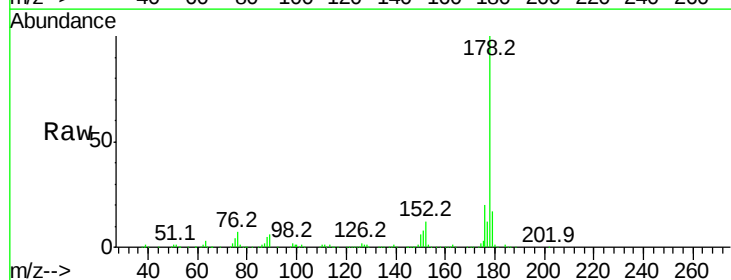
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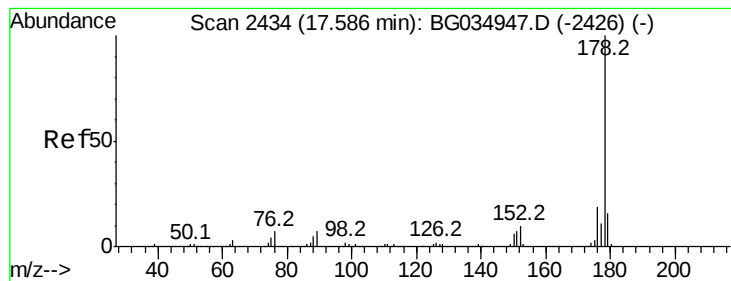
Sohil
 6/22/2018 2:13:53 PM



#70
 Phenanthrene
 Concen: 43.067 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.5	15.7	23.5	
179	17.3	12.5	18.7	





#71

Anthracene

Concen: 43.148 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

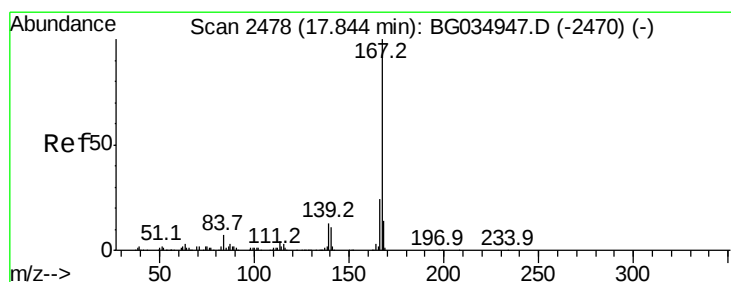
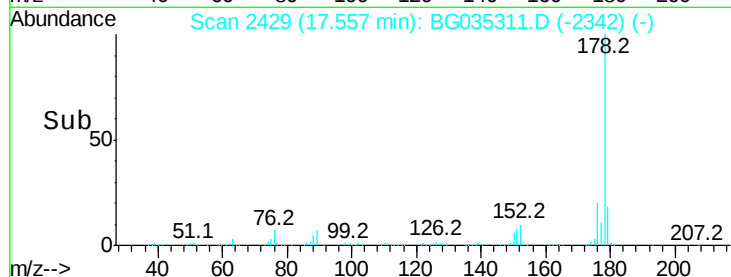
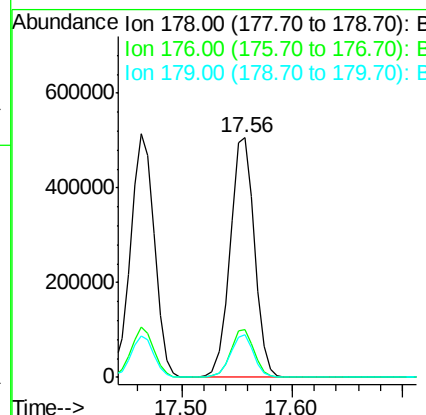
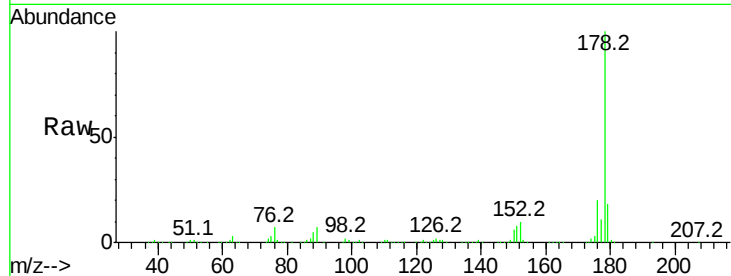
ClientSampleId :

PB110432BS

Tot Ion:	178	Resp:	777442
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.0	24.0
179	17.9	12.5	18.7

Manual Integrations
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#72

Carbazole

Concen: 42.208 ng

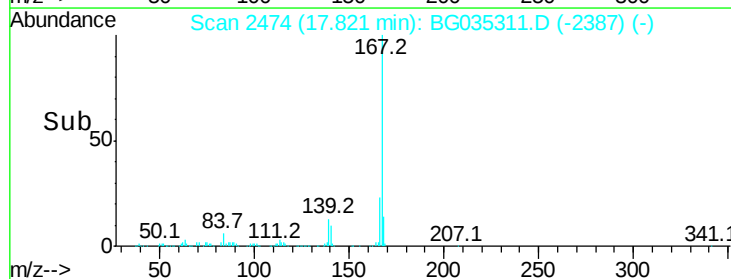
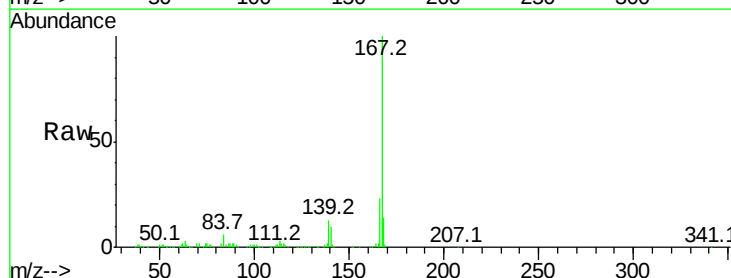
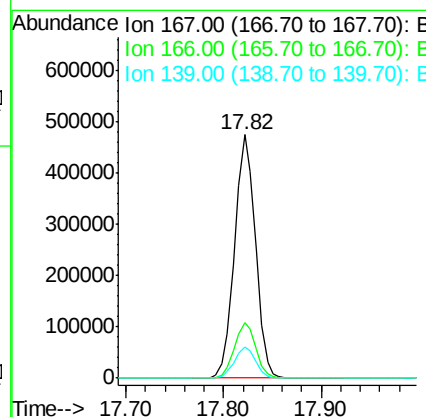
RT: 17.82 min Scan# 2474

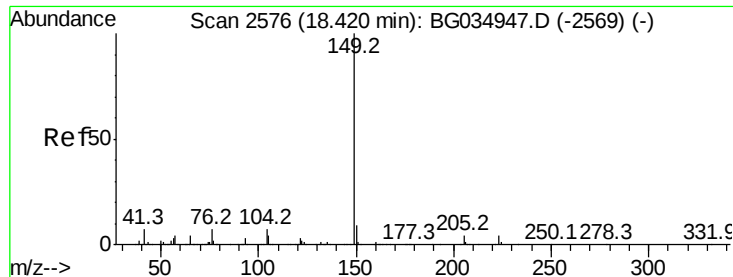
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion:	167	Resp:	705620
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.2	27.4
139	12.6	9.4	14.2





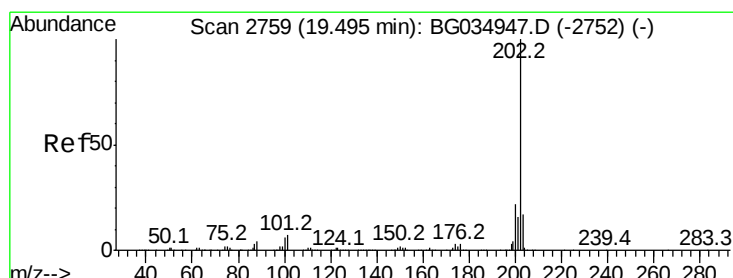
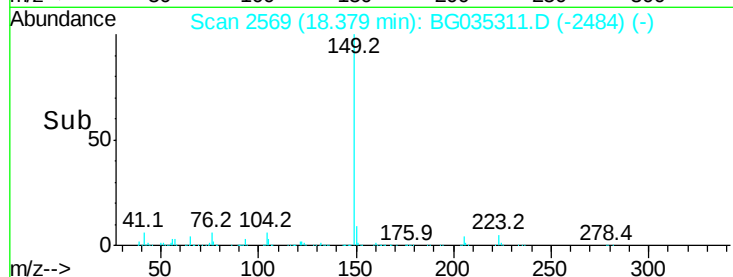
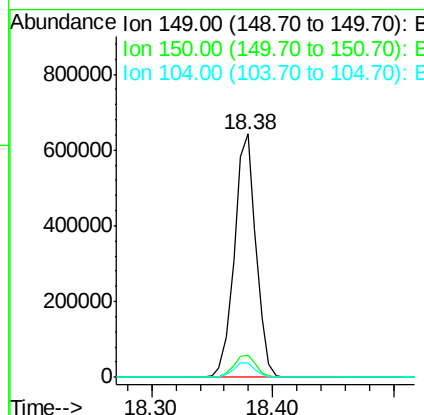
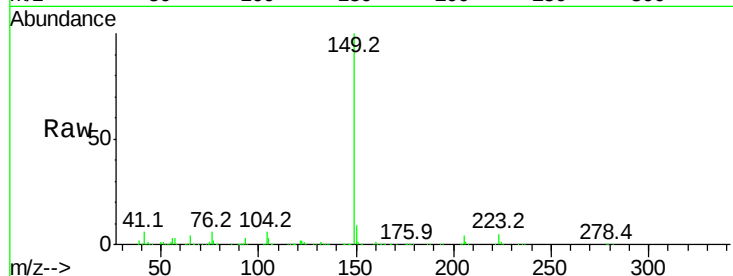
#73
Di-n-butylphthalate
Concen: 39.983 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.7	3.9	5.9

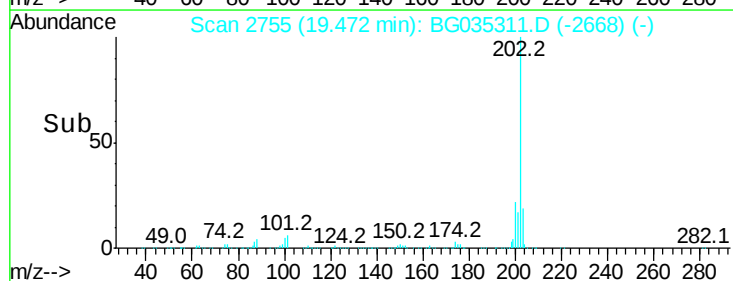
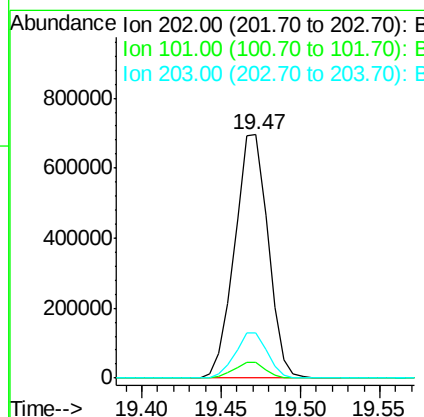
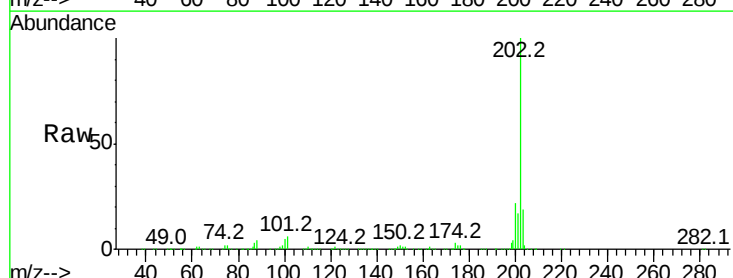
Manual Integrations
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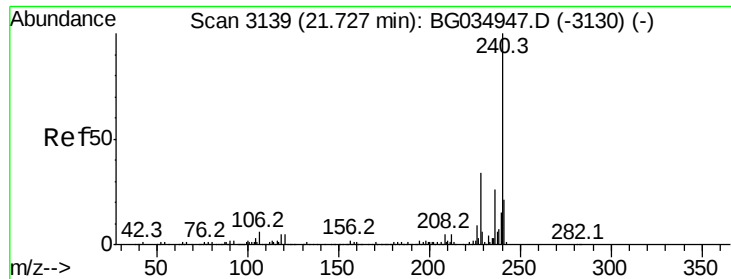
Sohil
6/22/2018 2:13:53 PM



#74
Fluoranthene
Concen: 43.364 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

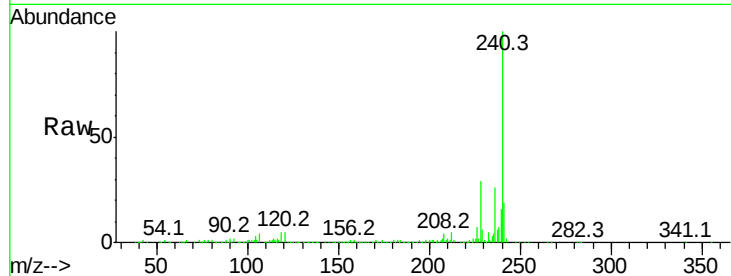
ClientSampleId :

PB110432BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.6	20.9	31.3

Manual Integrations
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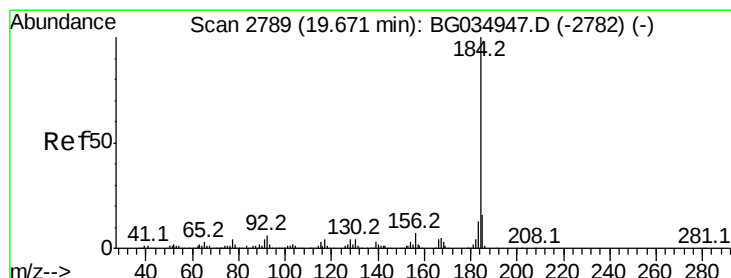
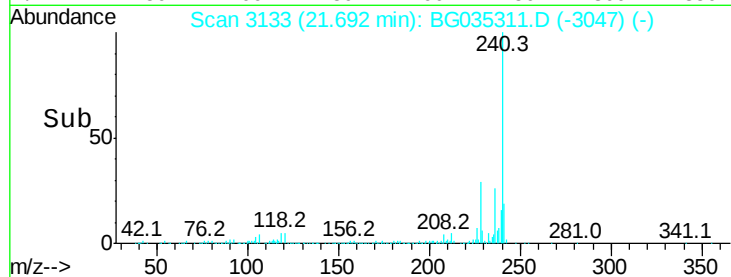
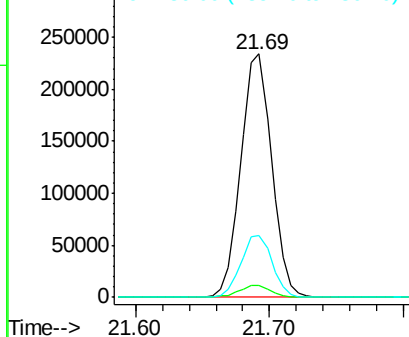
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.310 ng

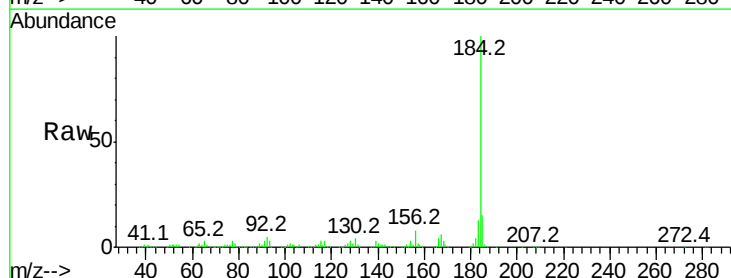
RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

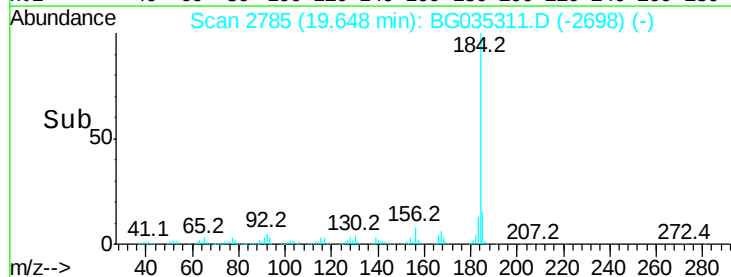
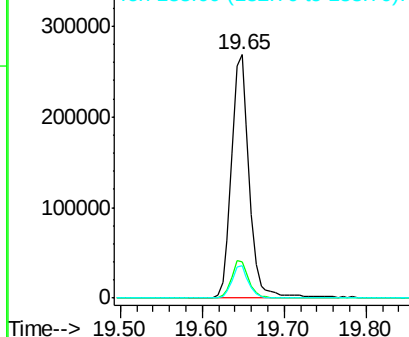
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	13.2	10.6	16.0

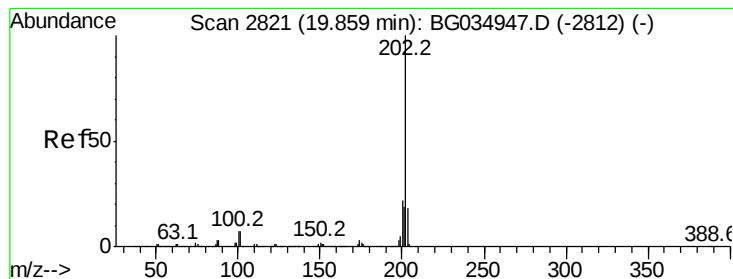


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.054 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

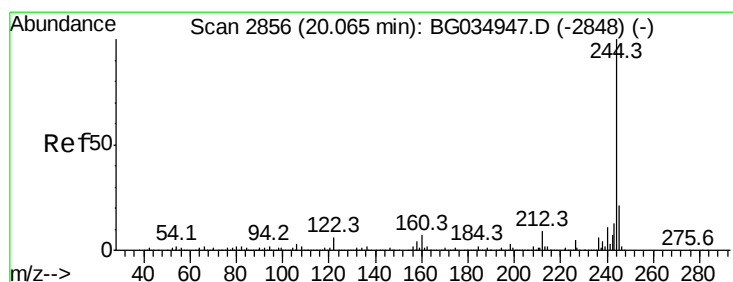
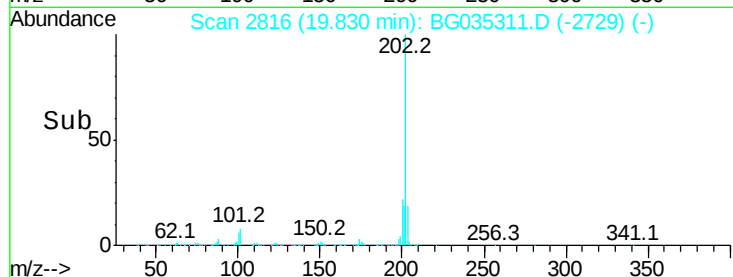
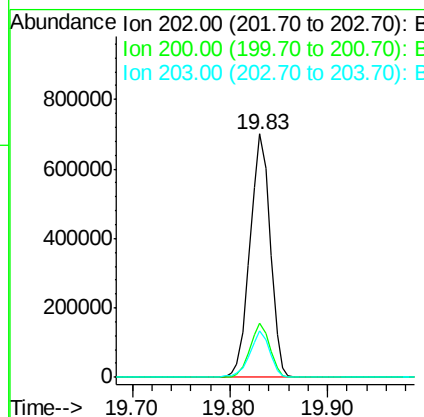
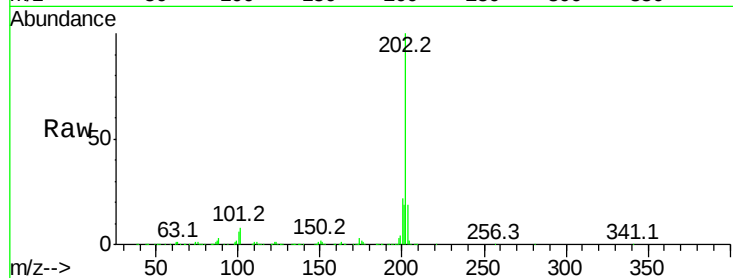
ClientSampleId :

PB110432BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.8	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 88.675 ng

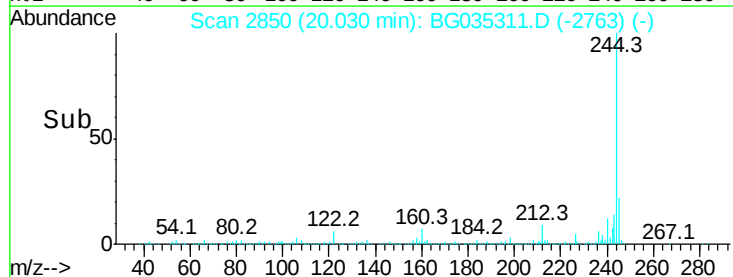
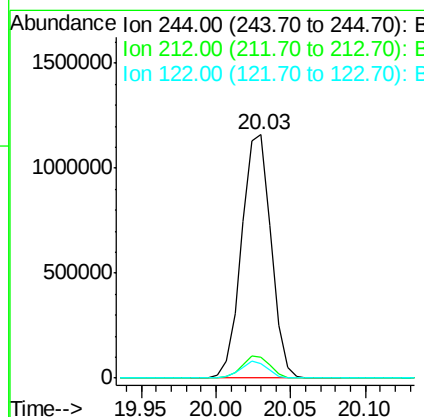
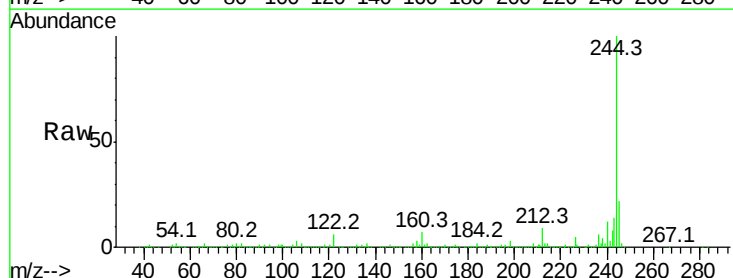
RT: 20.03 min Scan# 2850

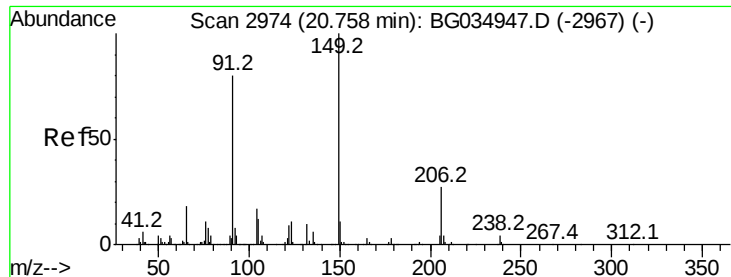
Delta R.T. -0.02 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.2	7.0	10.4#





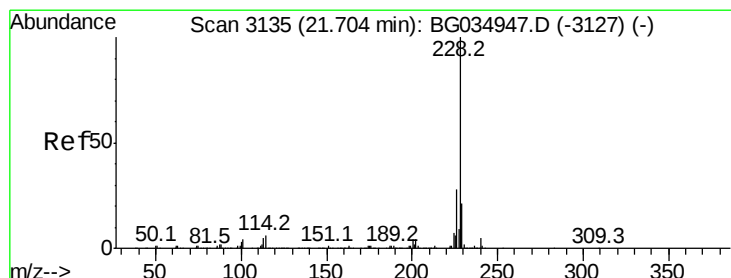
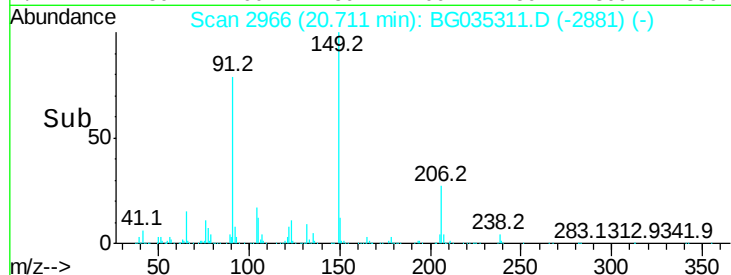
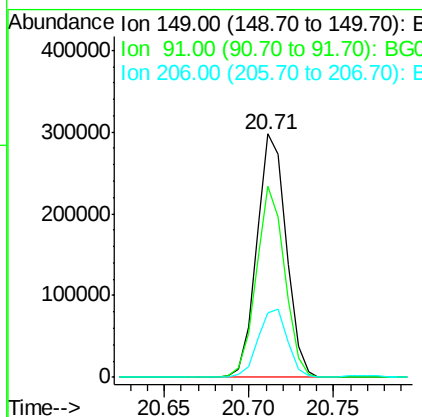
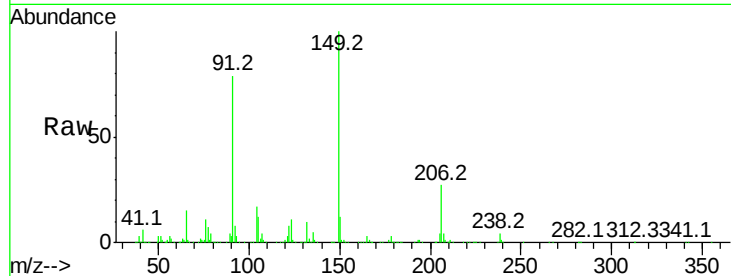
#79
Butylbenzylphthalate
Concen: 40.183 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	62.2	93.2
206	26.6	18.6	27.8

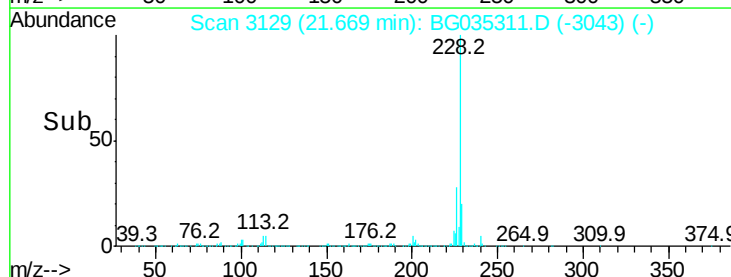
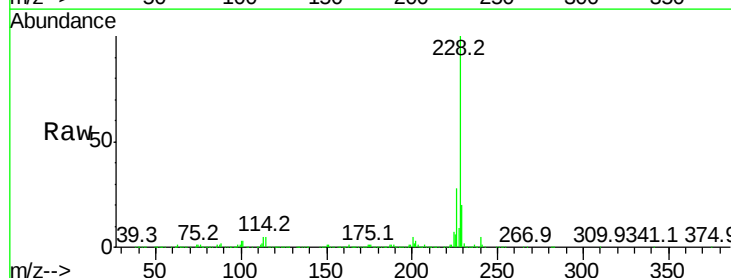
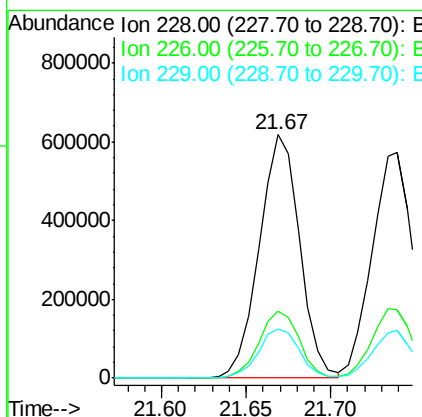
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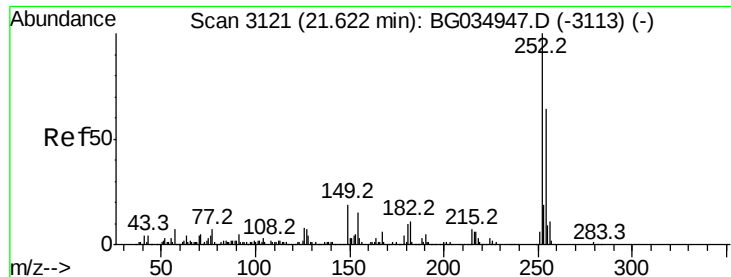
Sohil
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#80
Benzo(a)anthracene
Concen: 42.970 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.1	16.2	24.2





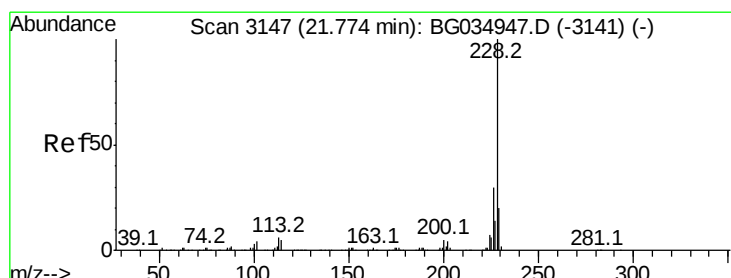
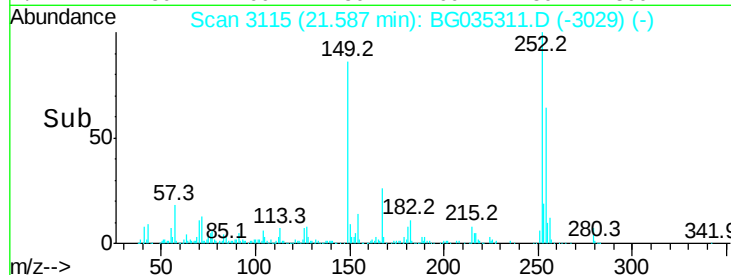
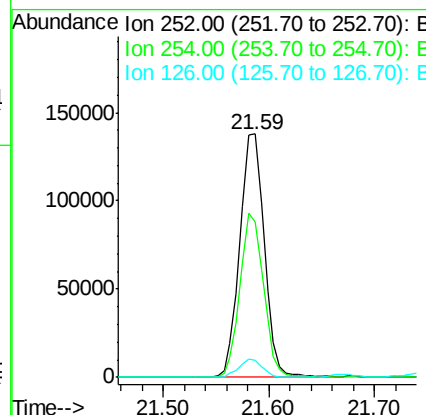
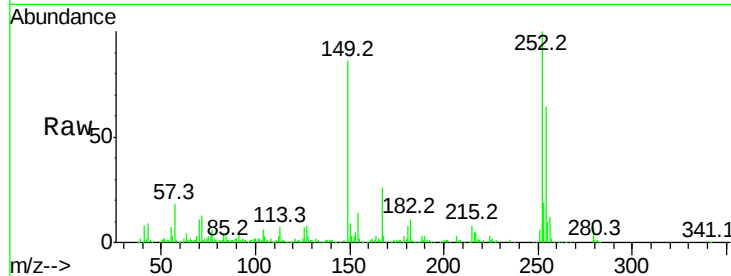
#81
 3,3'-Dichlorobenzidine
 Concen: 24.652 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.8	76.2
126	6.8	7.4	11.2#

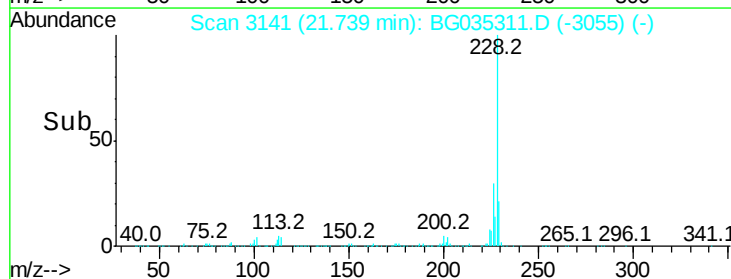
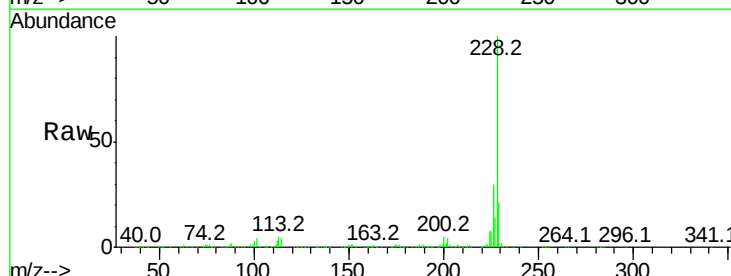
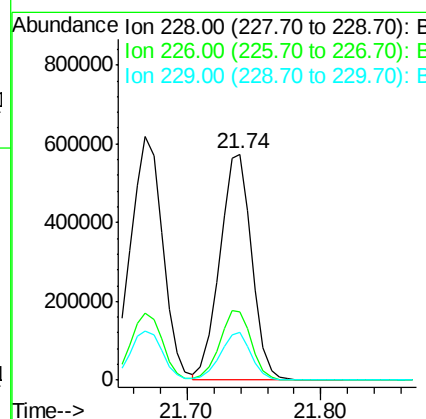
Manual Integrations
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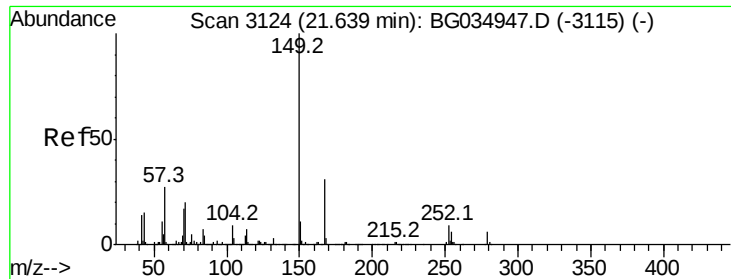
Sohil
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#82
 Chrysene
 Concen: 43.930 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.0	15.0	22.4





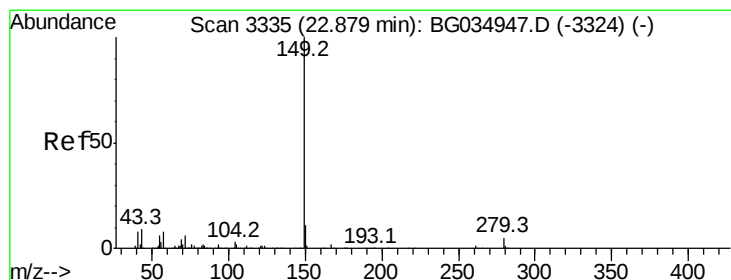
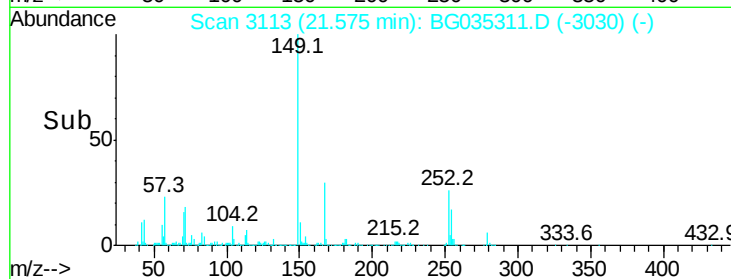
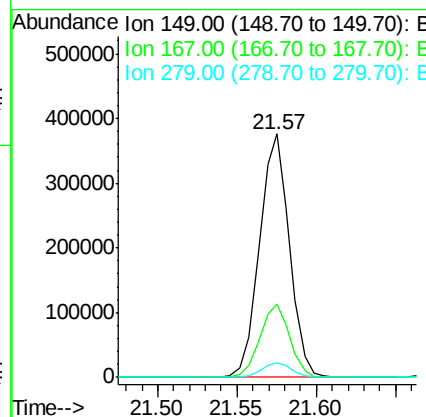
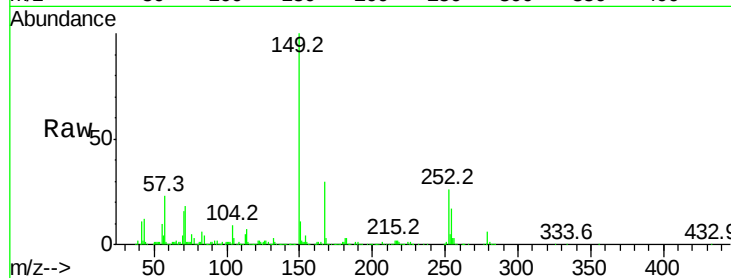
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.804 ng
 RT: 21.57 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.9	4.0	6.0

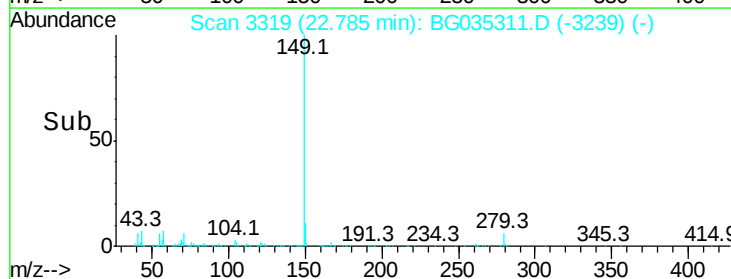
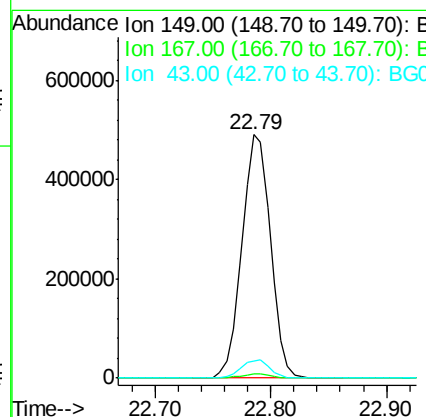
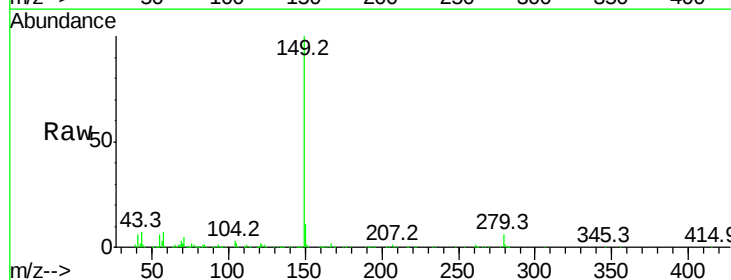
Manual Integrations
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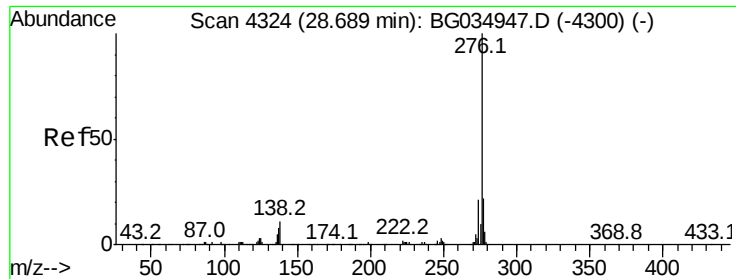
Sohil
 6/22/2018 2:13:53 PM



#84
 Di-n-octyl phthalate
 Concen: 38.727 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	8.9	13.3#





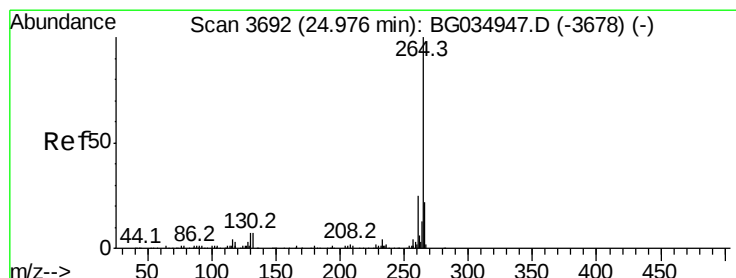
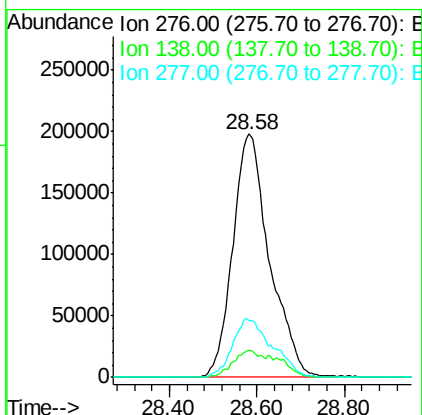
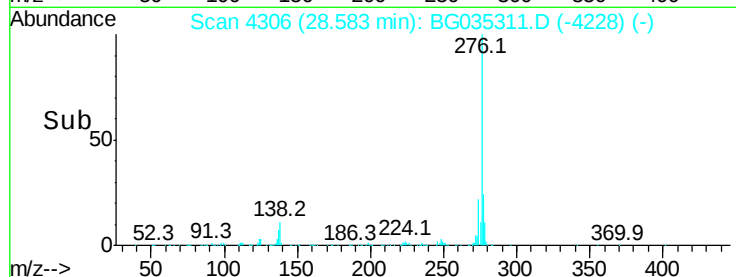
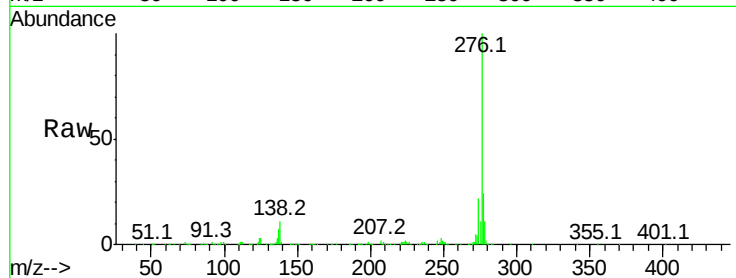
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.003 ng
RT: 28.58 min Scan# 4306
Delta R.T. -0.07 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.0	24.0#
277	26.3	20.0	30.0

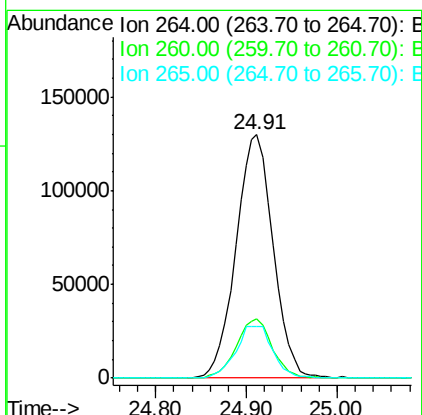
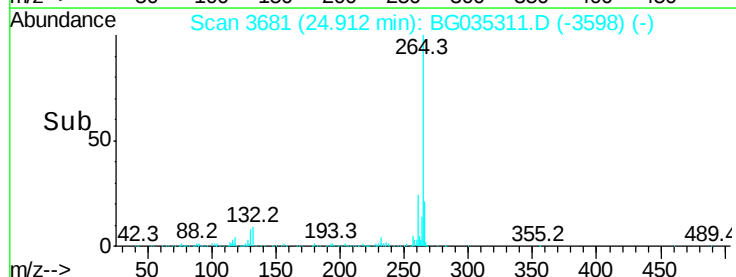
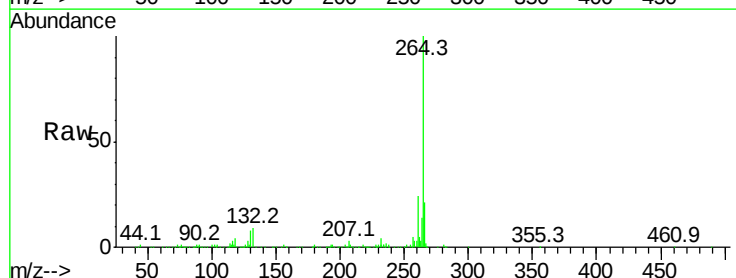
Manual Integrations
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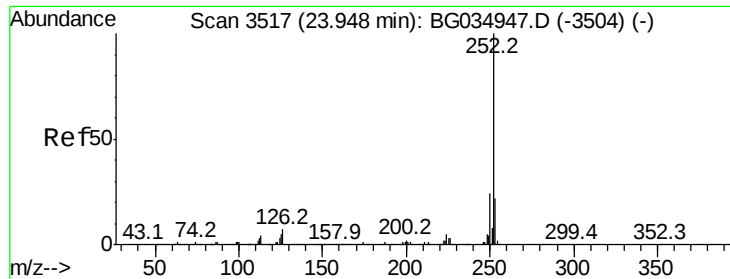
Sohil
6/22/2018 2:13:53 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.441 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

Instrument :

BNA_G

ClientSampleId :

PB110432BS

Tot Ion:252 Resp: 1007968

Ion Ratio Lower Upper

252 100

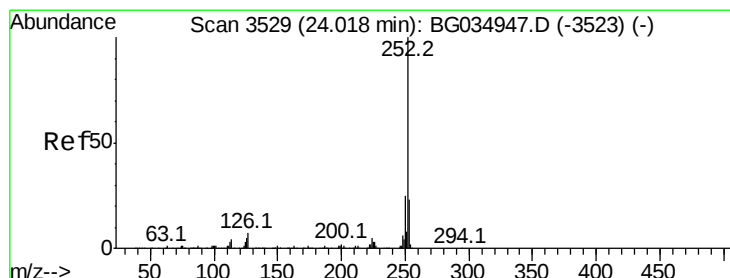
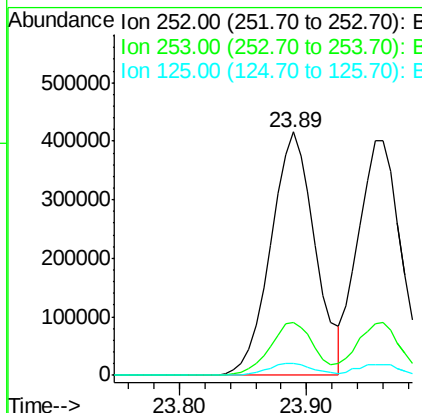
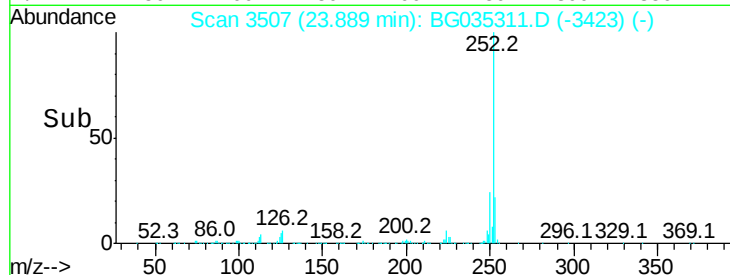
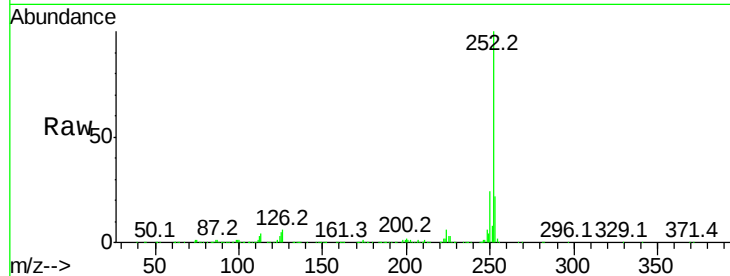
253 21.9 18.2 27.4

125 5.0 7.2 10.8#

Manual Integrations
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Sohil

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#88

Benzo(k)fluoranthene

Concen: 41.977 ng

RT: 23.95 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG035311.D

Acq: 21 Jun 2018 22:31

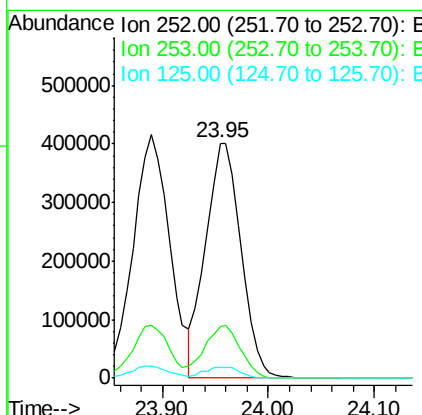
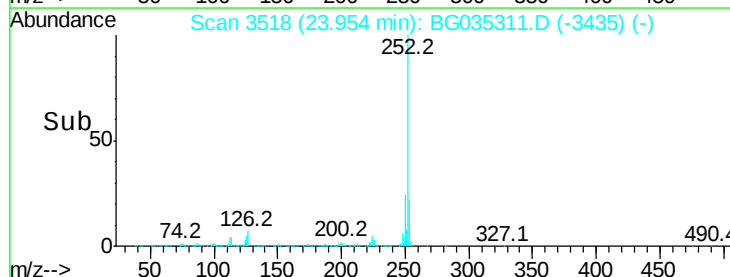
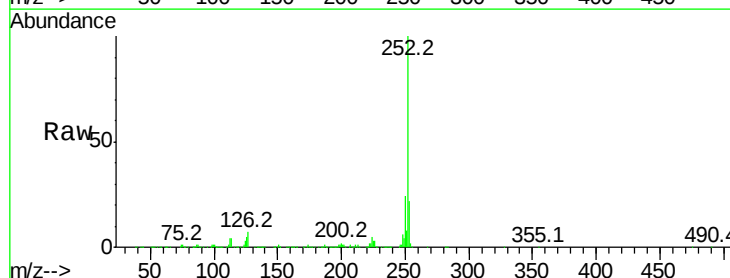
Tgt Ion:252 Resp: 931363

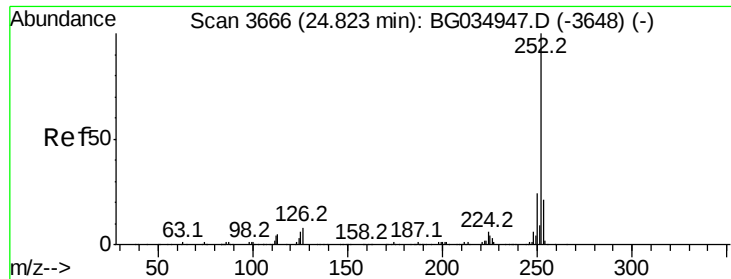
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 4.6 6.6 9.8#





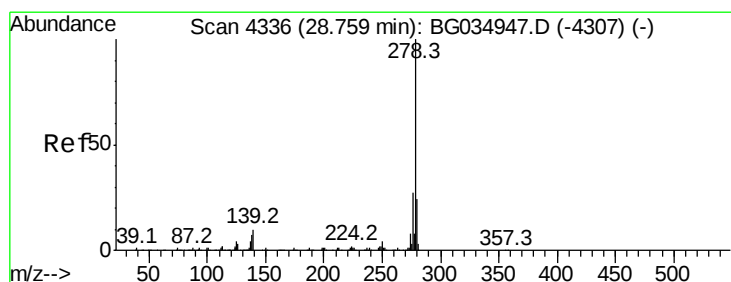
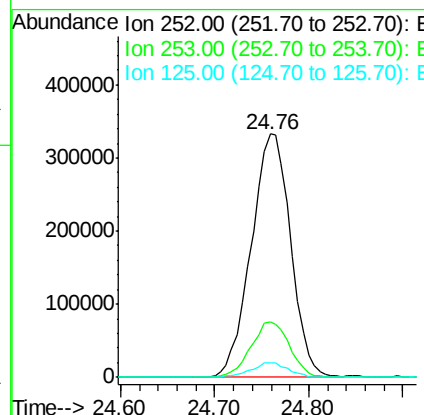
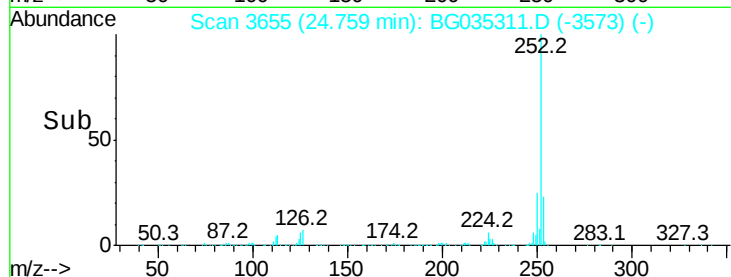
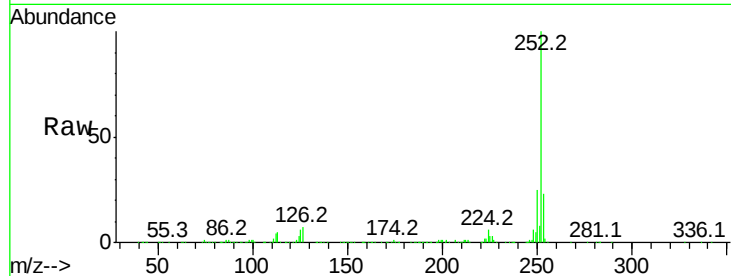
#89
Benzo(a)pyrene
Concen: 45.169 ng
RT: 24.76 min Scan# 3655
Delta R.T. -0.05 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Instrument :
BNA_G
ClientSampleId :
PB110432BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.8	7.3	10.9

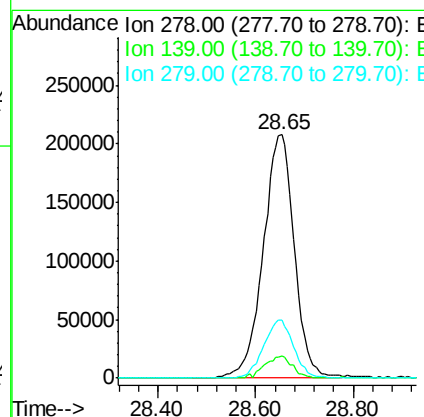
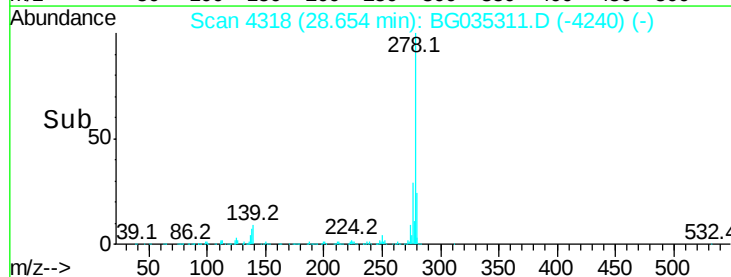
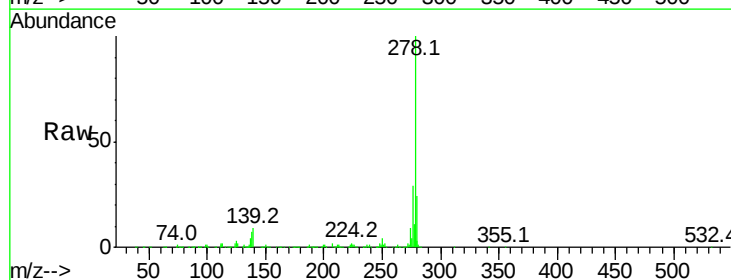
Manual Integrations
APPROVED

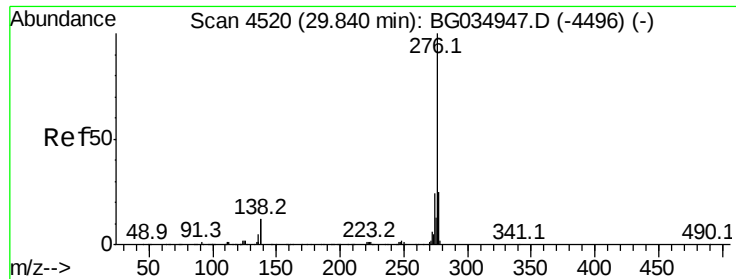
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.815 ng
RT: 28.65 min Scan# 4318
Delta R.T. -0.07 min
Lab File: BG035311.D
Acq: 21 Jun 2018 22:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.138 ng
 RT: 29.74 min Scan# 4503
 Delta R.T. -0.07 min
 Lab File: BG035311.D
 Acq: 21 Jun 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110432BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.8	18.3	27.5
138	10.6	13.9	20.9

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