

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034068.D
 Acq On : 28 Apr 2018 10:50
 Operator : SJ/JU
 Sample : PB108633BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:43 PM

Quant Time: Apr 30 05:11:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	52457m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	259615	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	199094	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	536235	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	561896	20.00	ng	-0.10
86) Perylene-d12	24.39	264	572483	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	250033	76.10	ng	-0.08
7) Phenol-d6	6.94	99	424266	88.53	ng	-0.06
23) Nitrobenzene-d5	8.91	82	368045	80.68	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	260273	112.05	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1263431	93.22	ng	-0.09
78) Terphenyl-d14	19.78	244	2360100	94.36	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	50531m	36.396	ng	
3) Pyridine	3.70	79	97969	24.388	ng	88
4) n-Nitrosodimethylamine	3.64	42	38428	20.998	ng	# 94
6) Aniline	7.10	93	111170	17.354	ng	# 92
8) 2-Chlorophenol	7.32	128	163837	44.501	ng	96
9) Benzaldehyde	6.96	77	47720m	15.667	ng	
10) Phenol	6.97	94	171262	34.884	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	158357m	42.174	ng	
12) 1,3-Dichlorobenzene	7.64	146	173099	40.843	ng	94
13) 1,4-Dichlorobenzene	7.79	146	197534	46.017	ng	96
14) 1,2-Dichlorobenzene	8.09	146	186154	44.594	ng	95
15) Benzyl Alcohol	8.01	79	91990m	22.013	ng	
16) 2,2'-oxybis(1-Chloropropan	8.28	45	244816	33.429	ng	75
17) 2-Methylphenol	8.22	107	108289	29.765	ng	93
18) Hexachloroethane	8.81	117	74597	47.557	ng	97
19) n-Nitroso-di-n-propylamine	8.55	70	131802	32.264	ng	# 94
20) 3+4-Methylphenols	8.54	107	170396	32.233	ng	92
22) Acetophenone	8.58	105	233893	33.101	ng	98
24) Nitrobenzene	8.96	77	165517	33.296	ng	# 96
25) Isophorone	9.46	82	408271	39.806	ng	# 94
26) 2-Nitrophenol	9.66	139	64562	32.869	ng	93
27) 2,4-Dimethylphenol	9.73	122	148515	40.424	ng	93
28) bis(2-Chloroethoxy)methane	9.97	93	207176	38.221	ng	# 95
29) 2,4-Dichlorophenol	10.20	162	192085	46.901	ng	89
30) 1,2,4-Trichlorobenzene	10.40	180	207186	45.167	ng	98
31) Naphthalene	10.59	128	560378	41.974	ng	99
32) Benzoic acid	9.89	122	118944m	34.127	ng	
33) 4-Chloroaniline	10.76	127	57055	9.092	ng	# 94
34) Hexachlorobutadiene	10.87	225	131283	47.841	ng	96
35) Caprolactam	11.55	113	71576m	41.106	ng	
36) 4-Chloro-3-methylphenol	11.85	107	208382	41.687	ng	89
37) 2-Methylnaphthalene	12.20	142	442513	43.293	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	275990	41.746	ng	98
40) Hexachlorocyclopentadiene	12.55	237	346050	95.197	ng	95

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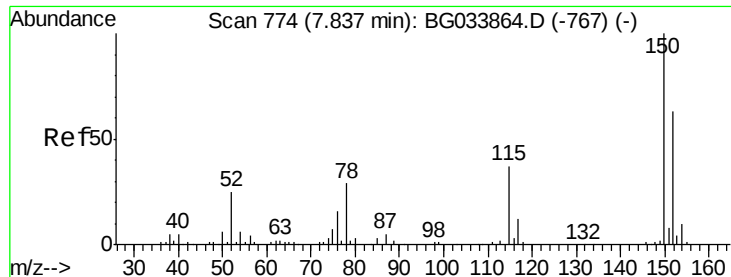
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.82	196	163339	40.523	nq	96
43) 2,4,5-Trichlorophenol	12.91	196	225339m	48.627	nq	
45) 1,1'-Biphenyl	13.22	154	655275	40.658	nq	99
46) 2-Chloronaphthalene	13.26	162	496458	40.626	nq	99
47) 2-Nitroaniline	13.49	65	120361	31.545	nq	90
48) Acenaphthylene	14.11	152	841856	41.444	nq	99
49) Dimethylphthalate	13.86	163	735510	41.997	nq	99
50) 2,6-Dinitrotoluene	13.98	165	158634	47.797	nq	# 83
51) Acenaphthene	14.45	154	489335	38.348	nq	98
52) 3-Nitroaniline	14.35	138	54515	15.127	nq	# 86
53) 2,4-Dinitrophenol	14.52	184	111952	94.320	nq	# 66
54) Dibenzofuran	14.79	168	844538	44.642	nq	95
55) 4-Nitrophenol	14.66	139	140441	49.688	nq	# 82
56) 2,4-Dinitrotoluene	14.77	165	225371	51.065	nq	# 80
57) Fluorene	15.44	166	722685	44.145	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	235089	55.407	nq	# 91
59) Diethylphthalate	15.23	149	776590	41.951	nq	99
60) 4-Chlorophenyl-phenylether	15.44	204	396449	46.299	nq	95
61) 4-Nitroaniline	15.53	138	122426m	31.995	nq	
62) Azobenzene	15.74	77	606560	36.758	nq	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	106864	42.280	nq	85
65) n-Nitrosodiphenylamine	15.66	169	637575	40.896	nq	97
66) 4-Bromophenyl-phenylether	16.34	248	249860	42.428	nq	99
67) Hexachlorobenzene	16.44	284	273248	43.509	nq	97
68) Atrazine	16.62	200	274573	44.957	nq	98
69) Pentachlorophenol	16.80	266	329542	76.390	nq	# 57
70) Phenanthrene	17.18	178	1173563	40.795	nq	98
71) Anthracene	17.28	178	1304561	45.347	nq	99
72) Carbazole	17.56	167	1113453	40.119	nq	98
73) Di-n-butylphthalate	18.12	149	1373537	39.782	nq	99
74) Fluoranthene	19.20	202	1551530	44.587	nq	97
76) Benzidine	19.44	184	175250	11.550	nq	# 97
77) Pyrene	19.57	202	1521719	41.290	nq	95
79) Butylbenzylphthalate	20.48	149	638302	39.438	nq	87
80) Benzo(a)anthracene	21.37	228	1450504	40.938	nq	97
81) 3,3'-Dichlorobenzidine	21.31	252	319786	24.206	nq	98
82) Chrysene	21.43	228	1510332	44.638	nq	96
83) Bis(2-ethylhexyl)phthalate	21.30	149	892722	39.057	nq	99
84) Di-n-octyl phthalate	22.44	149	1524618	42.024	nq	96
85) Indeno(1,2,3-cd)pyrene	27.77	276	1680096	43.623	nq	# 91
87) Benzo(b)fluoranthene	23.44	252	1384645	39.647	nq	99
88) Benzo(k)fluoranthene	23.51	252	1560026	44.968	nq	96
89) Benzo(a)pyrene	24.25	252	1506592	45.043	nq	99
90) Dibenzo(a,h)anthracene	27.85	278	1411480	43.612	nq	99
91) Benzo(g,h,i)perylene	28.83	276	1401514	44.008	nq	97

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



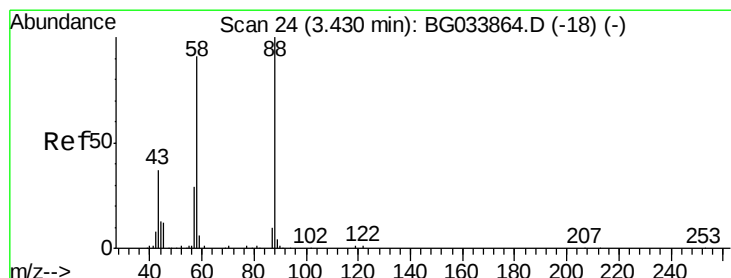
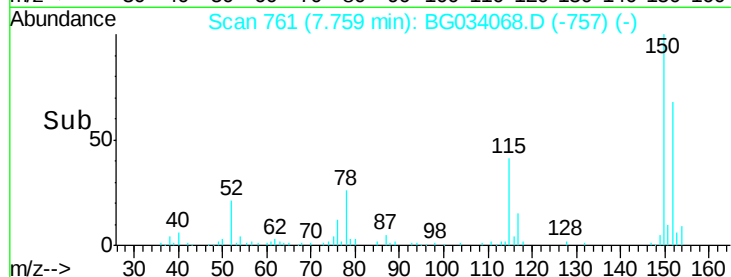
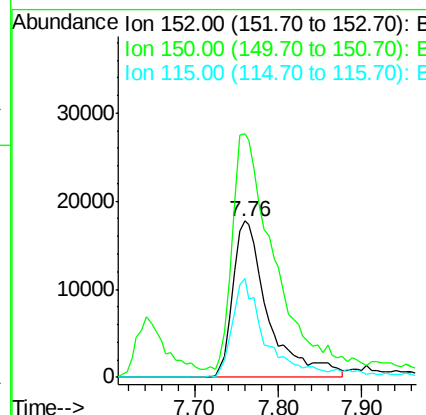
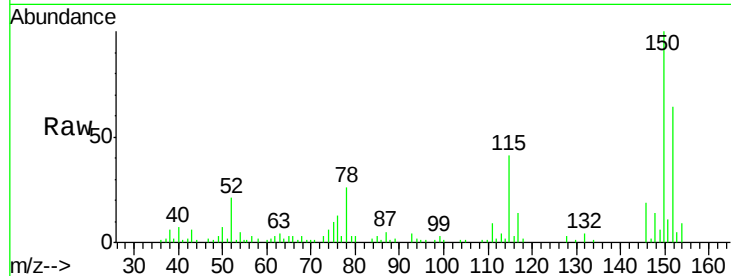
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.76 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	63.6	53.0	79.4

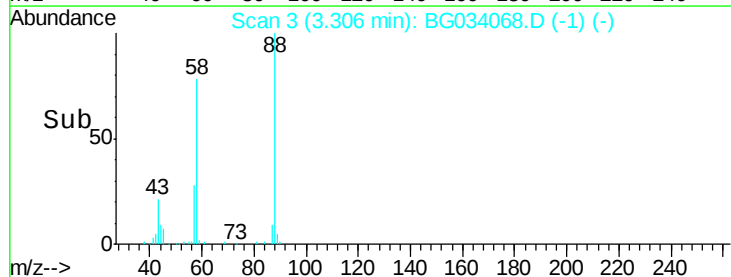
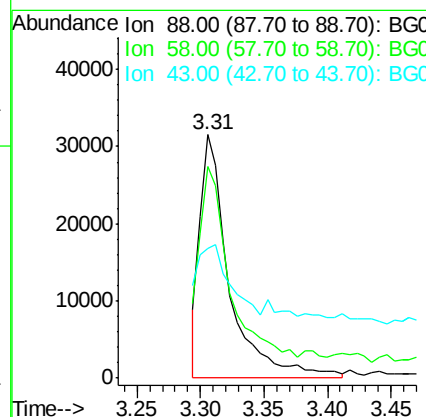
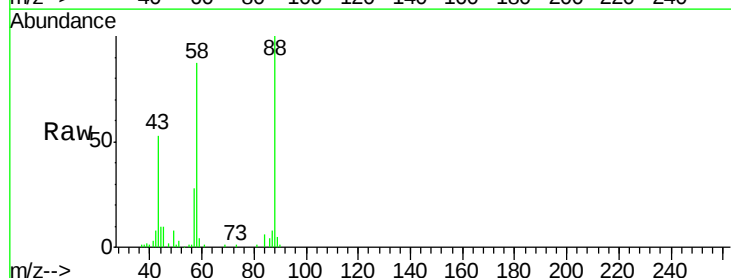
Manual Integrations
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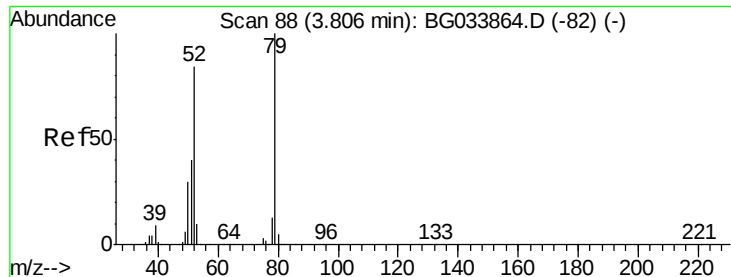
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#2
 1,4-Dioxane
 Concen: 36.396 ng/ml
 RT: 3.31 min Scan# 3
 Delta R.T. -0.12 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.6	119.4#
43	0.0	27.4	41.0#





#3

Pvridine

Concen: 24.388 ng

RT: 3.70 min Scan# 70

Delta R.T. -0.11 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

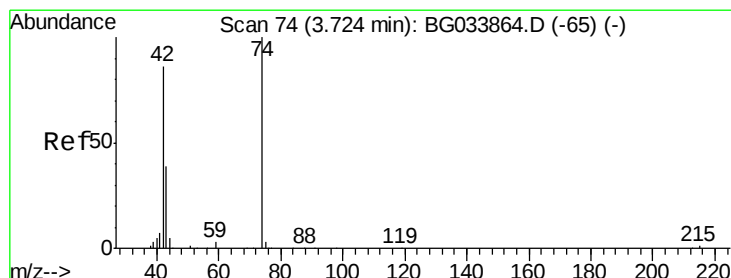
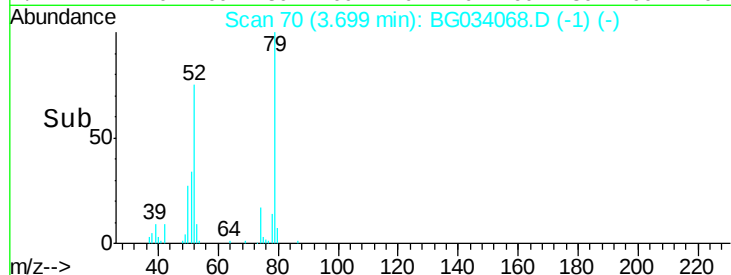
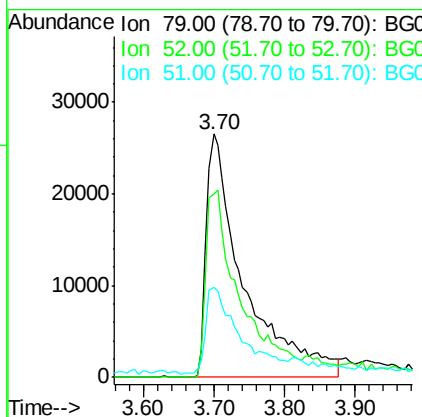
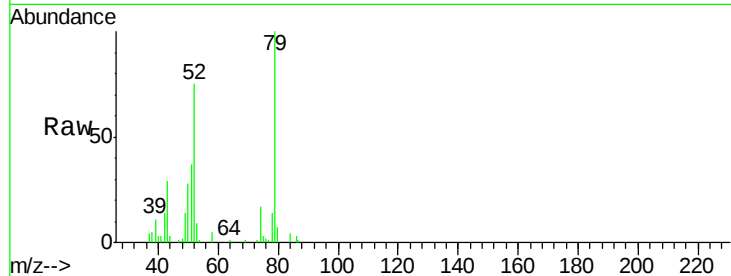
ClientSampleId :

PB108633BS

Tot Ion:	79	Resp:	97969
Ion Ratio	Lower	Upper	
79	100		
52	75.2	69.9	104.9
51	36.8	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 20.998 ng

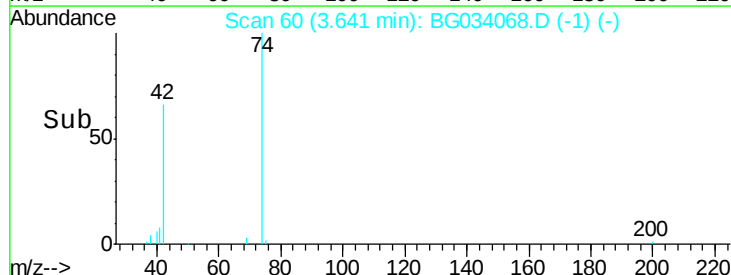
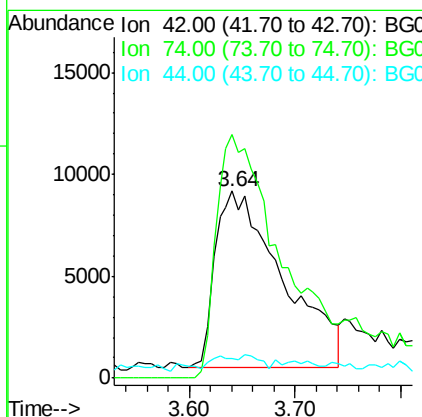
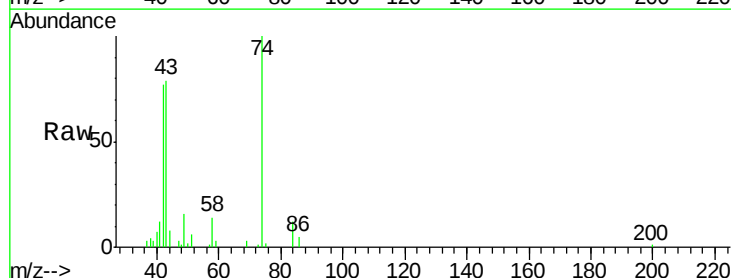
RT: 3.64 min Scan# 60

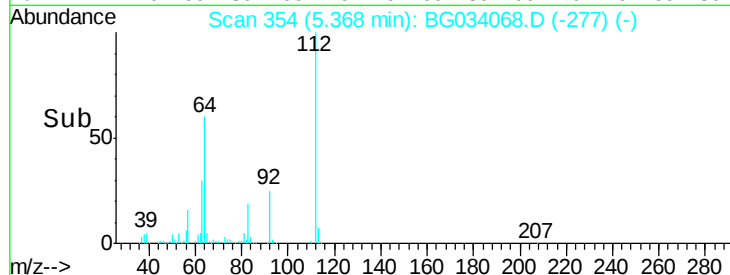
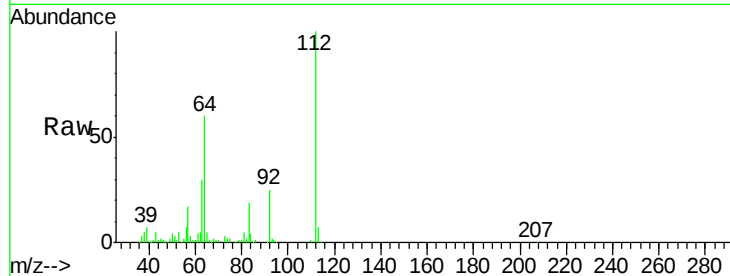
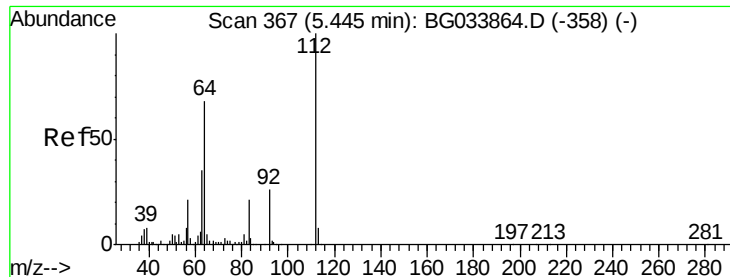
Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:	42	Resp:	38428
Ion Ratio	Lower	Upper	
42	100		
74	130.3	102.5	153.7
44	10.3	18.9	28.3#





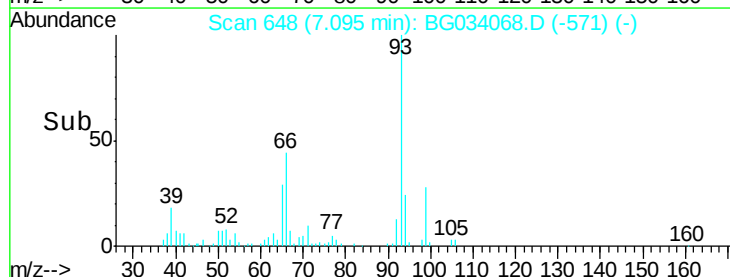
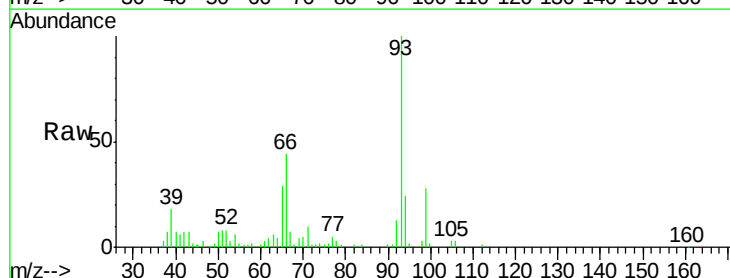
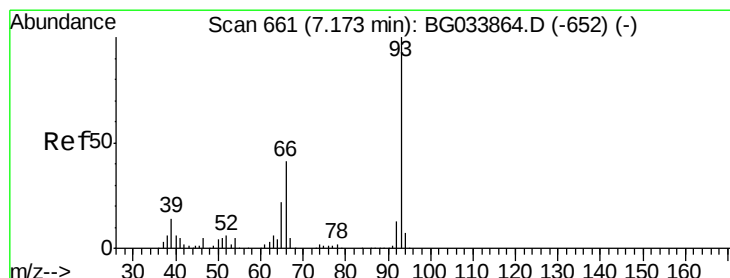
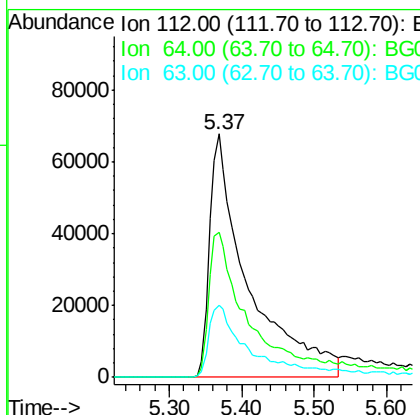
#5
2-Fluorophenol
Concen: 76.098 ng
RT: 5.37 min Scan# 354
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.8	56.3	84.5
63	29.5	30.1	45.1#

Instrument :
BNA_G
ClientSampleId :
PB108633BS

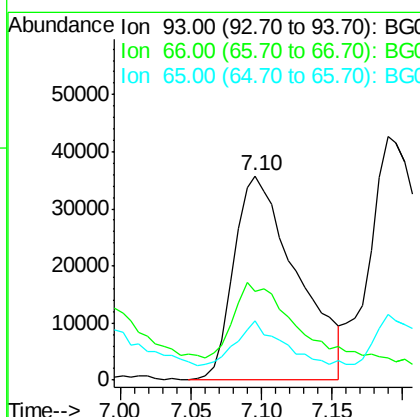
Manual Integrations
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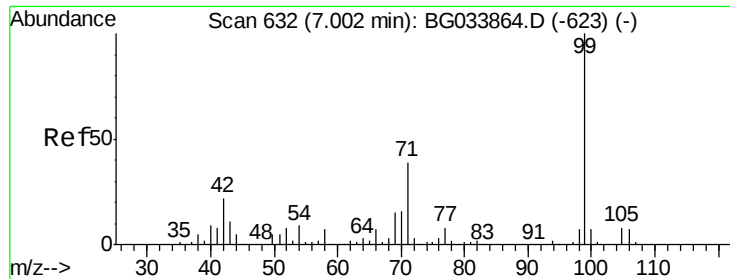
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#6
Aniline
Concen: 17.354 ng
RT: 7.10 min Scan# 648
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.6	33.7	50.5
65	28.9	16.1	24.1#





#7

Phenol-d6

Concen: 88.530 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

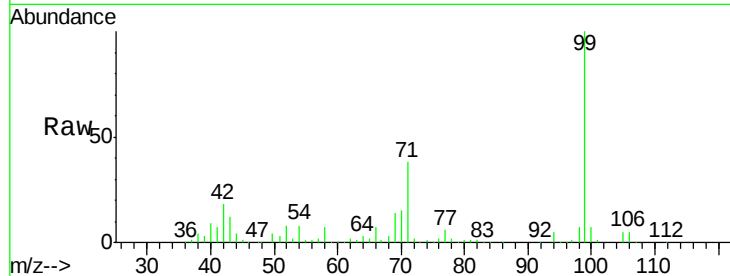
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PB108633BS

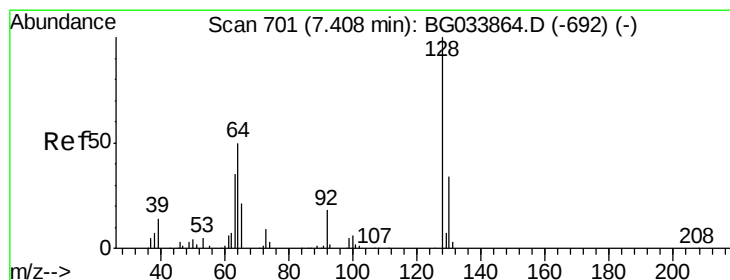
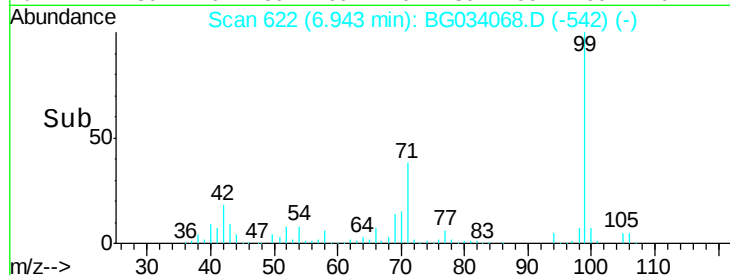
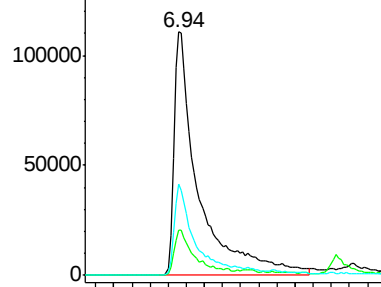
Tot Ion:	99	Resp:	424266
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.1	21.1
71	37.7	26.1	39.1

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.501 ng

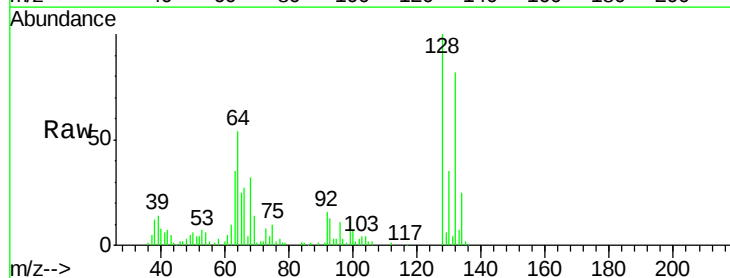
RT: 7.32 min Scan# 687

Delta R.T. -0.08 min

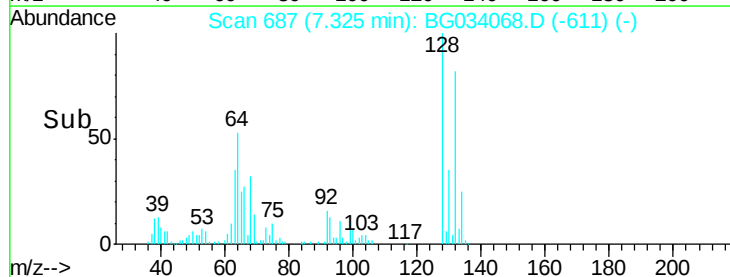
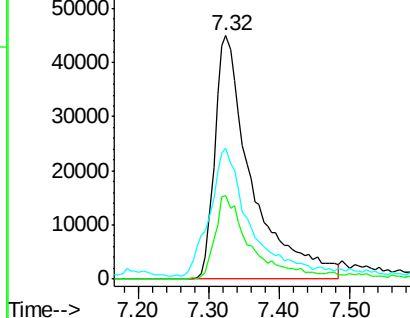
Lab File: BG034068.D

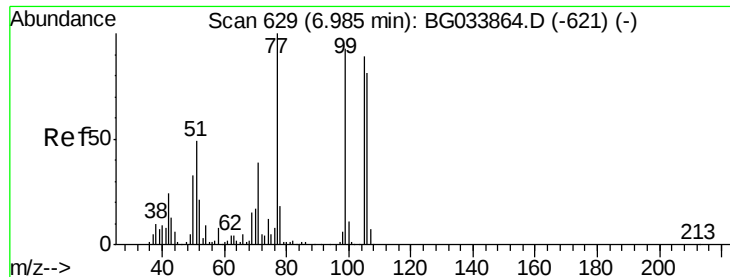
Acq: 28 Apr 2018 10:50

Tgt Ion:	128	Resp:	163837
Ion Ratio	Lower	Upper	
128	100		
130	34.6	14.0	54.0
64	53.9	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.667 ng/mL

RT: 6.96 min Scan# 625

Delta R.T. -0.02 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleID :

PB108633BS

Tot Ion: 77 Resp: 47720

Ion Ratio Lower Upper

77 100

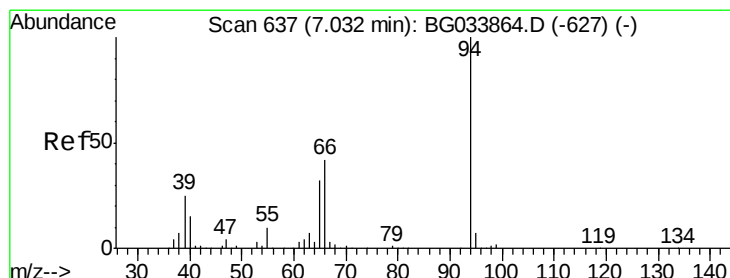
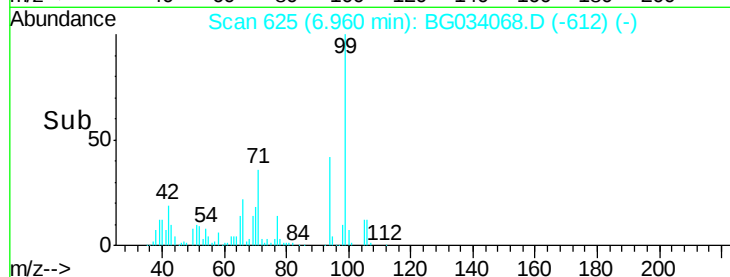
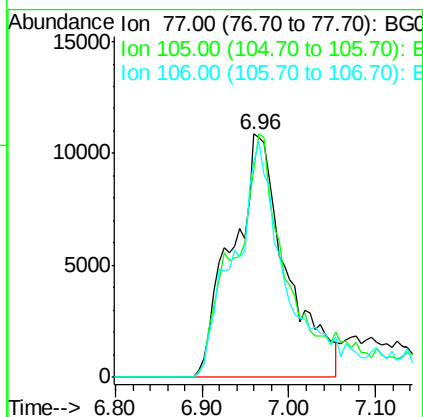
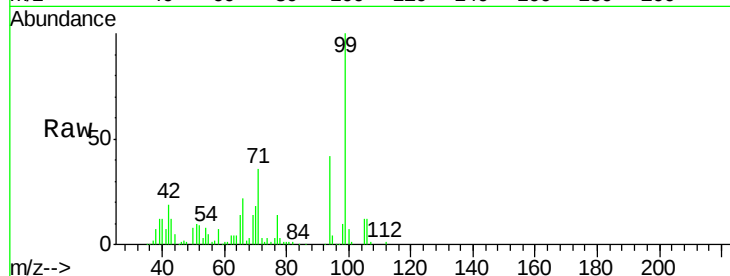
105 85.5 71.3 111.3

106 88.5 64.2 104.2

Manual Integrations
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#10

Phenol

Concen: 34.884 ng/mL

RT: 6.97 min Scan# 627

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

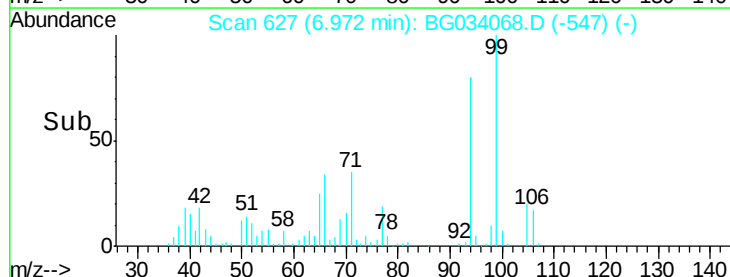
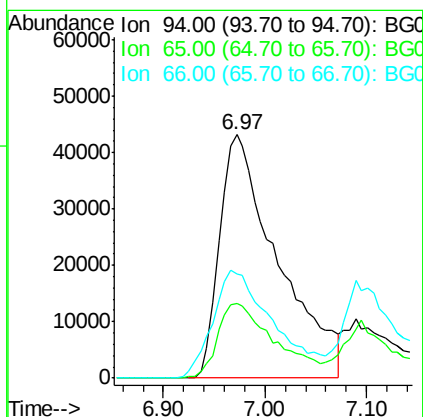
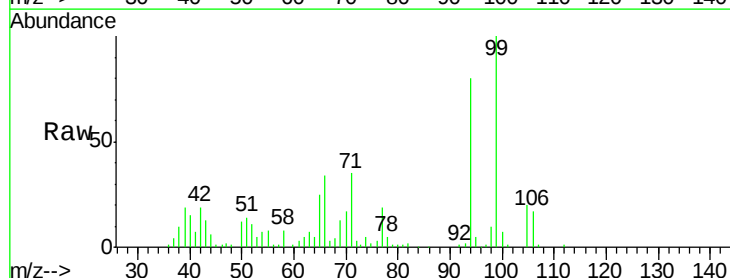
Tgt Ion: 94 Resp: 171262

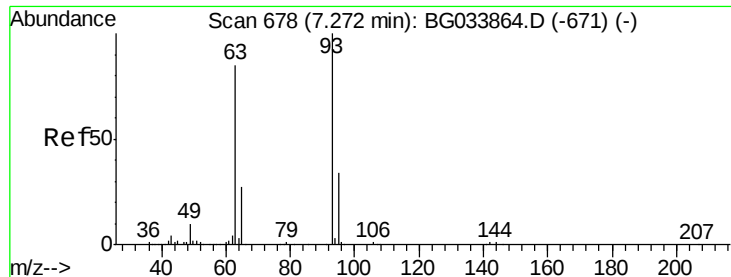
Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

66 42.6 22.2 62.2





#11

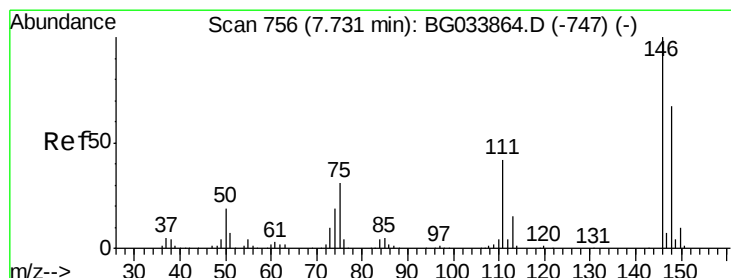
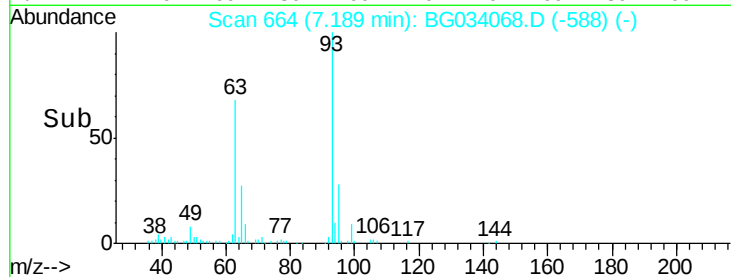
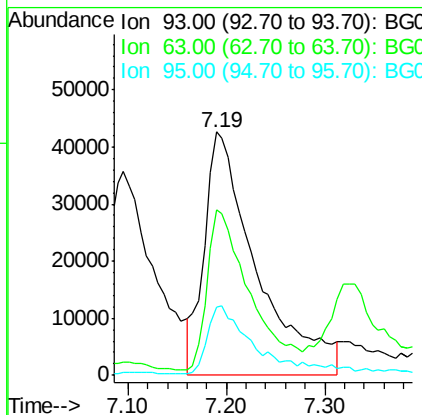
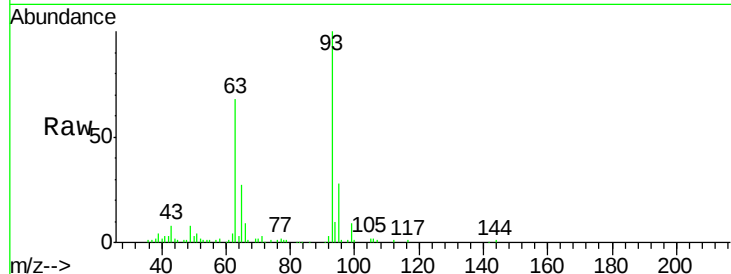
bis(2-Chloroethyl)ether
Concen: 42.174 ng/mL
RT: 7.19 min Scan# 664
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	67.1	107.1
95	27.9	11.5	51.5

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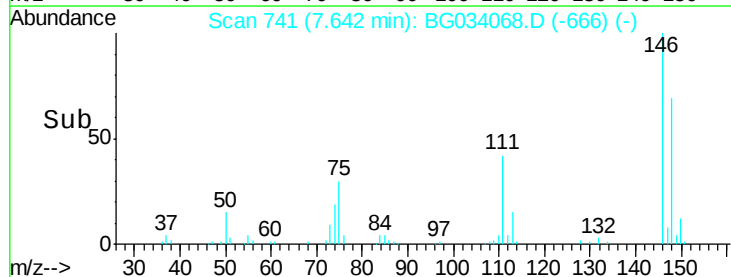
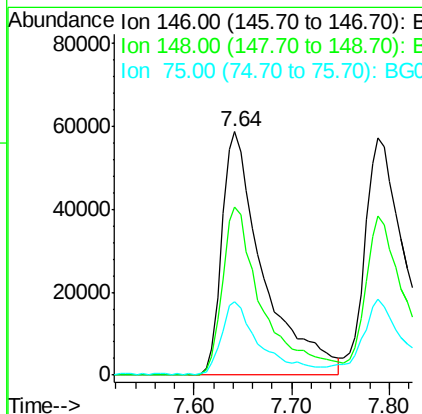
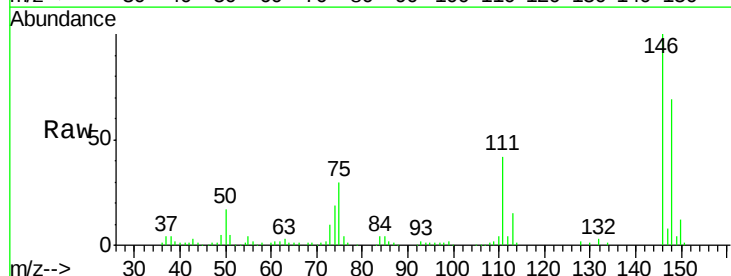
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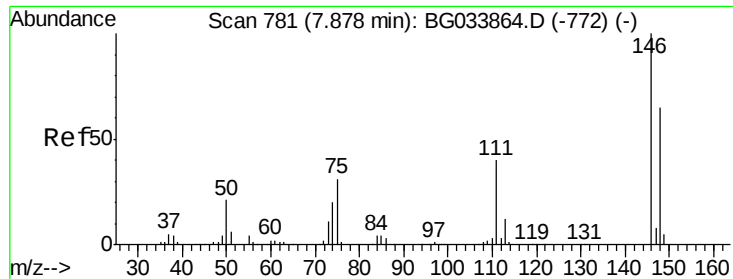


#12

1,3-Dichlorobenzene
Concen: 40.843 ng/mL
RT: 7.64 min Scan# 741
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.8	51.4	77.2
75	30.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 46.017 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

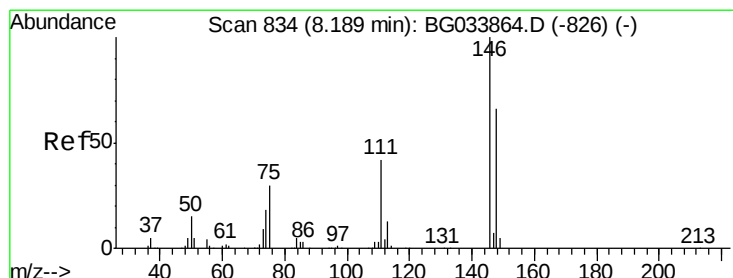
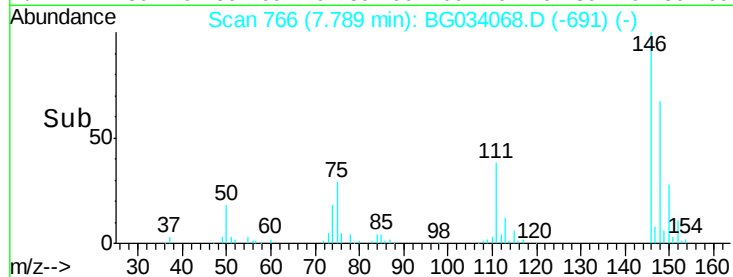
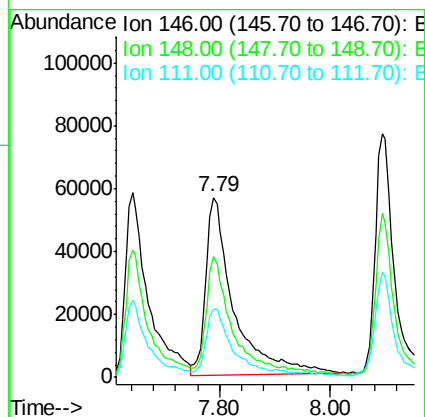
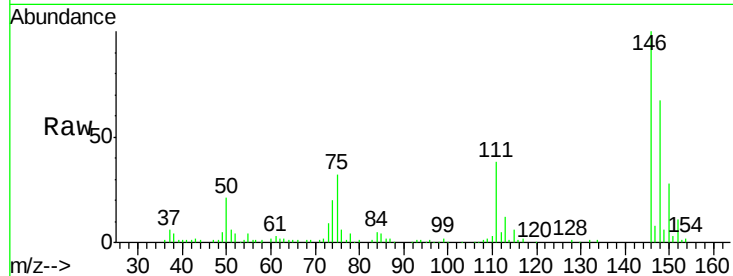
ClientSampleId :

PB108633BS

Tot Ion:	146	Resp:	197534
Ion Ratio	Lower	Upper	
146	100		
148	66.9	53.7	80.5
111	37.9	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.594 ng

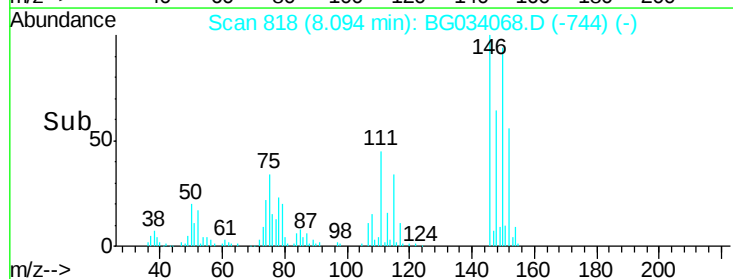
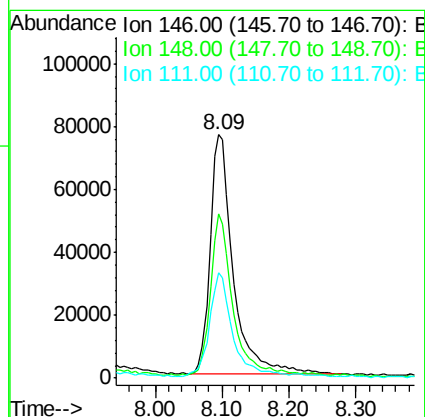
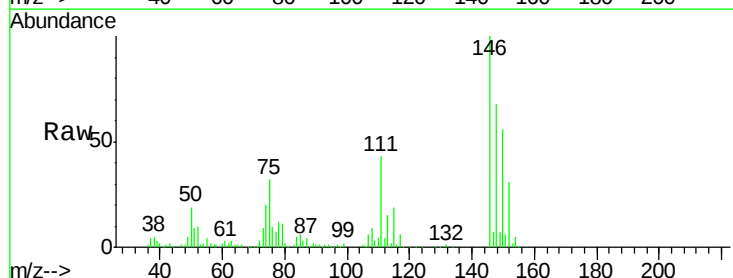
RT: 8.09 min Scan# 818

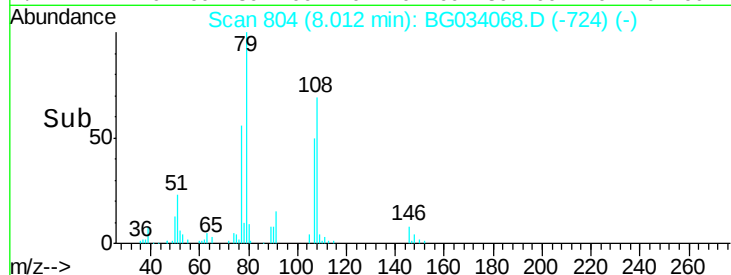
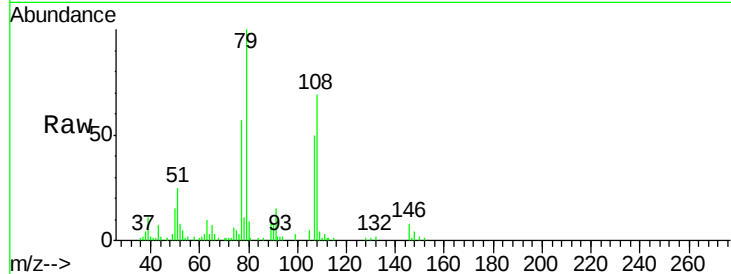
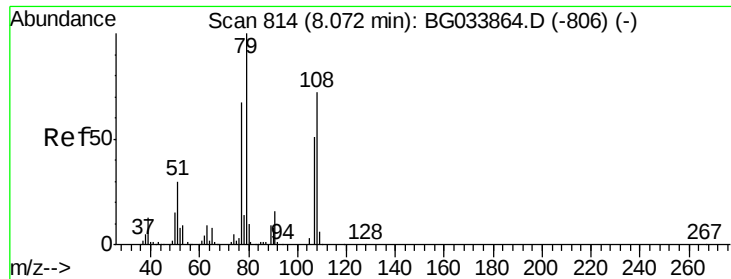
Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:	146	Resp:	186154
Ion Ratio	Lower	Upper	
146	100		
148	67.6	49.3	73.9
111	43.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 22.013 ng/ml

RT: 8.01 min Scan# 804

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tot Ion:	79	Resp:	91990
Ion Ratio	Lower	Upper	
79	100		
108	68.6	57.2	85.8
77	57.3	46.1	69.1

Instrument :

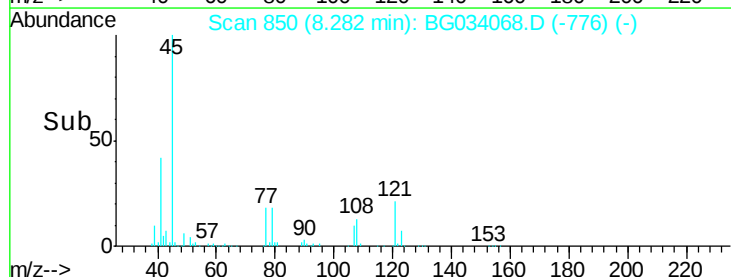
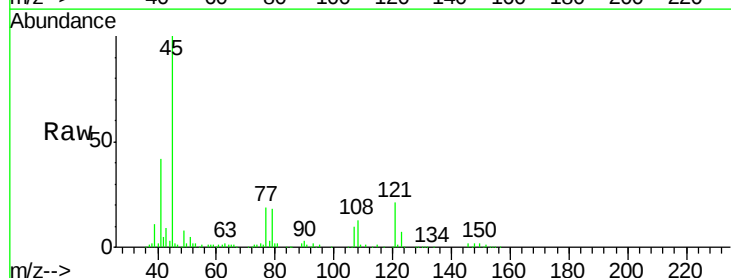
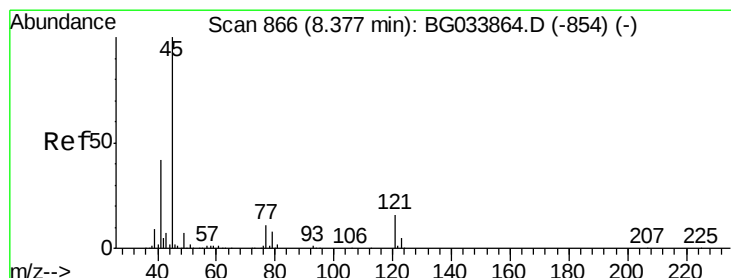
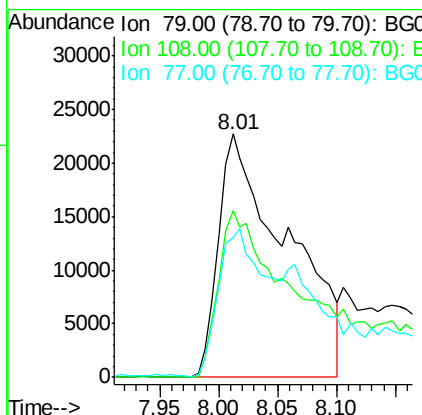
BNA_G

ClientSampled :

PB108633BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.429 ng/ml

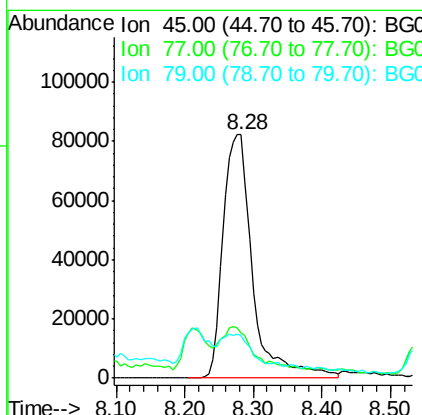
RT: 8.28 min Scan# 850

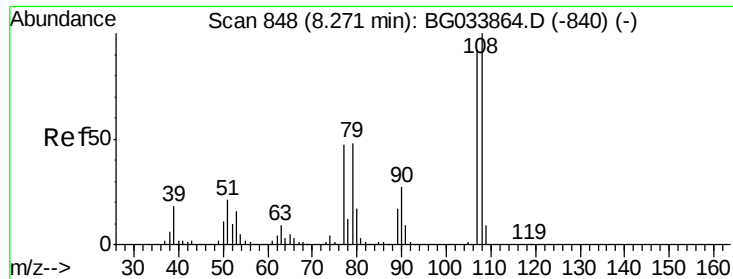
Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:	45	Resp:	244816
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	30.2
79	17.7	0.0	27.9





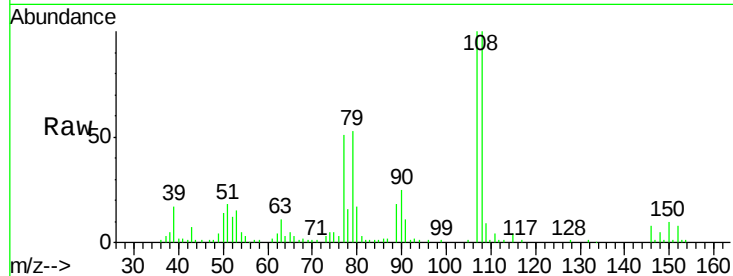
#17
2-Methylphenol
Concen: 29.765 ng
RT: 8.22 min Scan# 839
Delta R.T. -0.05 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

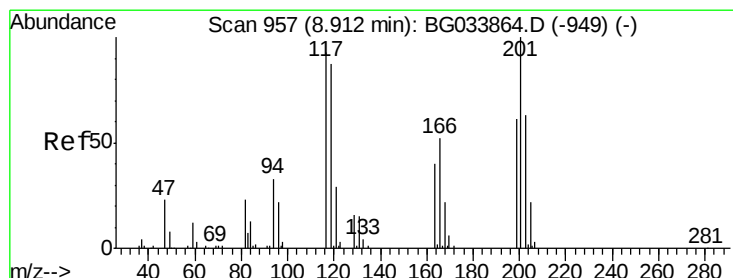
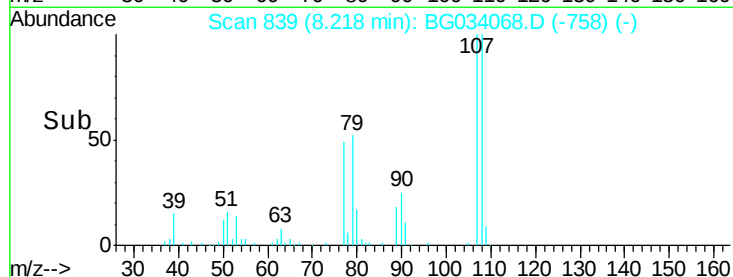
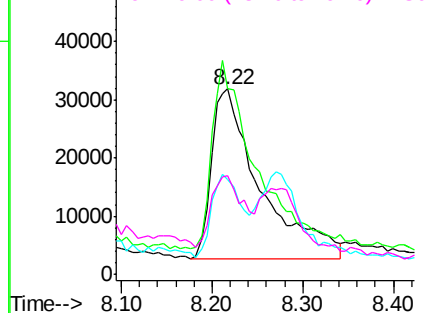
Tot Ion:	107	Resp:	108289
Ion Ratio	Lower	Upper	
107	100		
108	100.0	83.9	125.9
77	51.0	37.2	55.8
79	53.0	36.2	54.2

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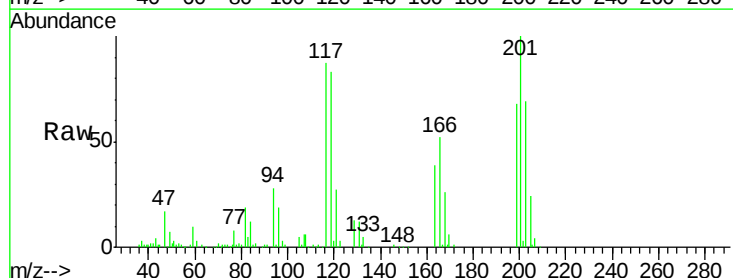


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

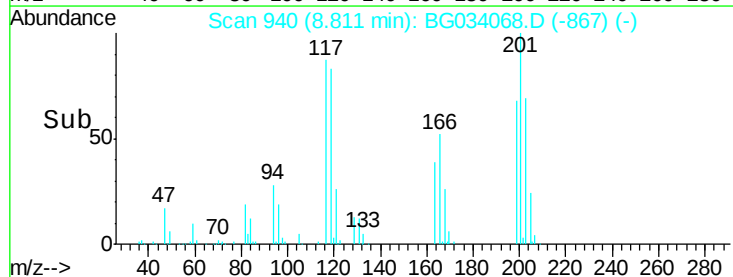
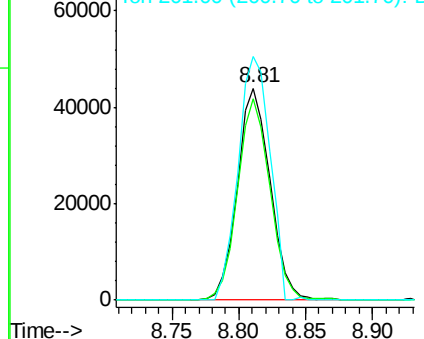


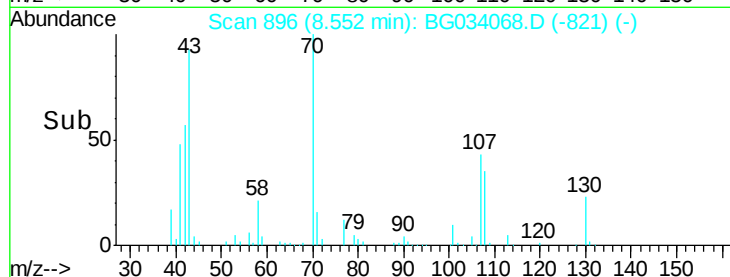
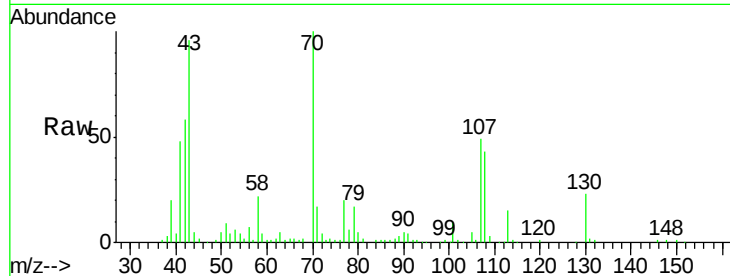
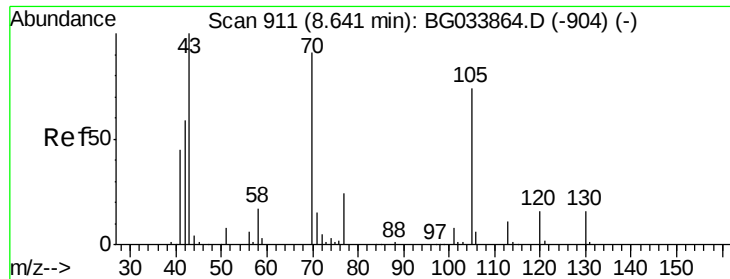
#18
Hexachloroethane
Concen: 47.557 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion:	117	Resp:	74597
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.7	115.1
201	114.9	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





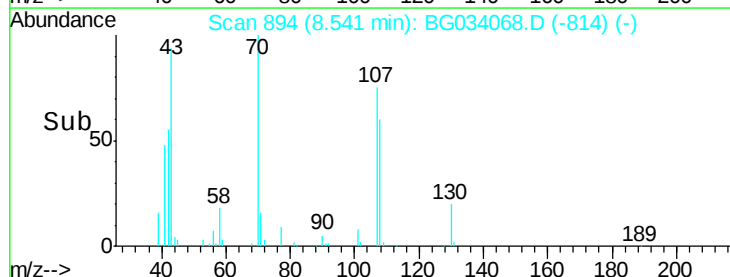
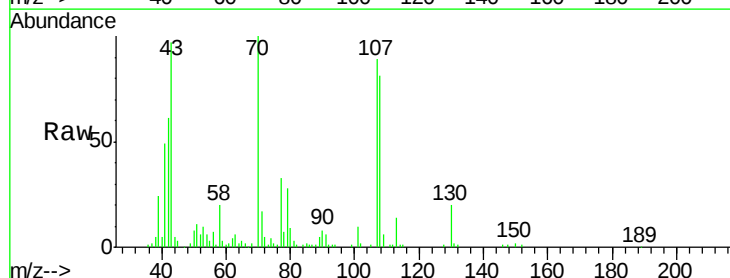
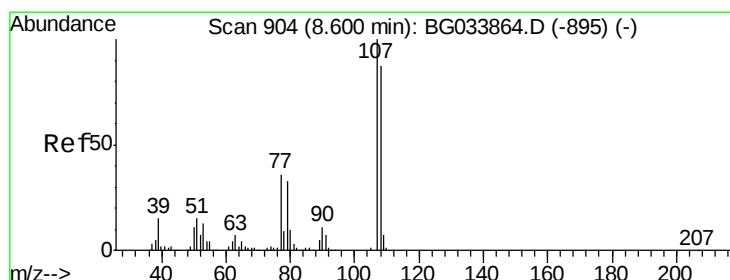
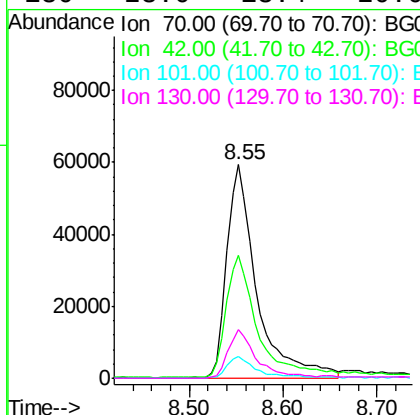
#19
n-Nitroso-di-n-propylamine
Concen: 32.264 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion: 70 Resp: 131802
Ion Ratio Lower Upper
70 100
42 57.8 49.1 73.7
101 9.9 8.5 12.7
130 23.0 13.4 20.0#

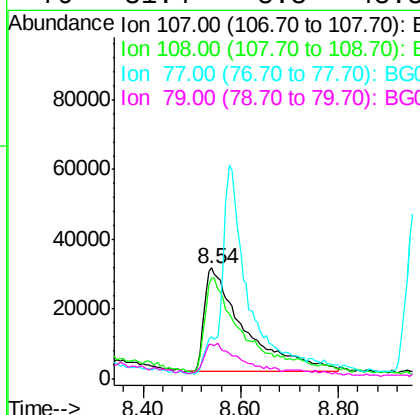
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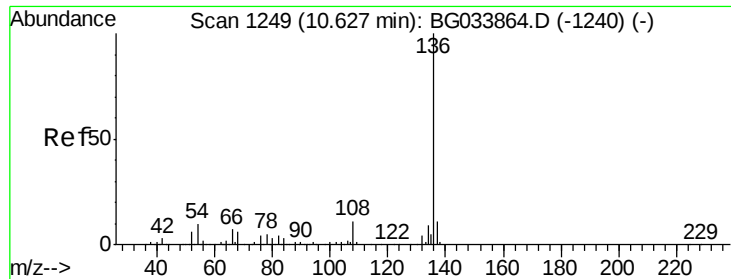
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#20
3+4-Methylphenols
Concen: 32.233 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.06 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion: 107 Resp: 170396
Ion Ratio Lower Upper
107 100
108 90.9 61.6 101.6
77 37.6 13.9 53.9
79 31.4 8.8 48.8





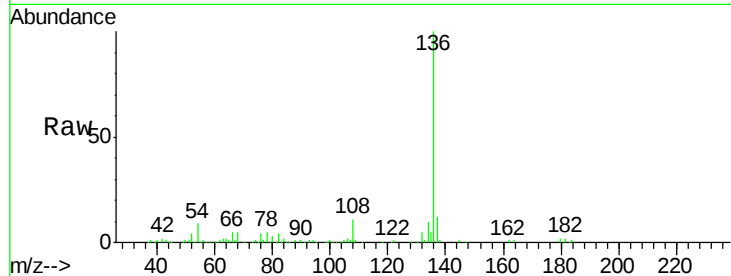
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

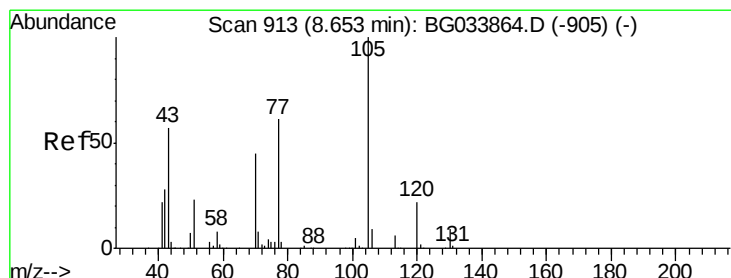
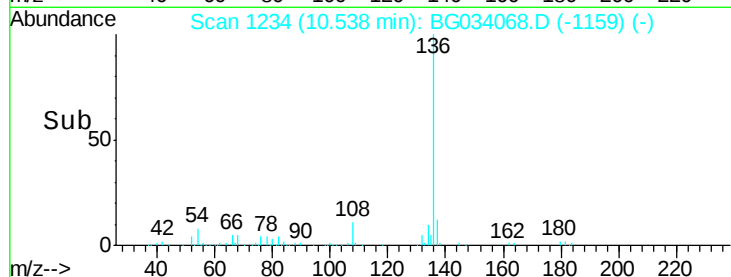
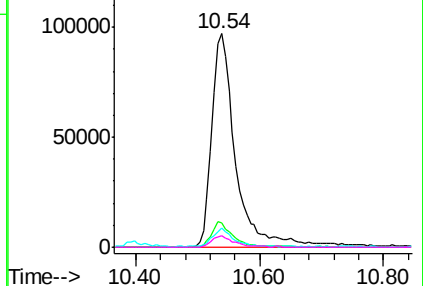
Tot Ion	Ratio	Resp	Lower	Upper
136	100	259615		
137	11.6	9.2	13.8	
54	8.8	10.3	15.5	
68	5.4	4.5	6.7	

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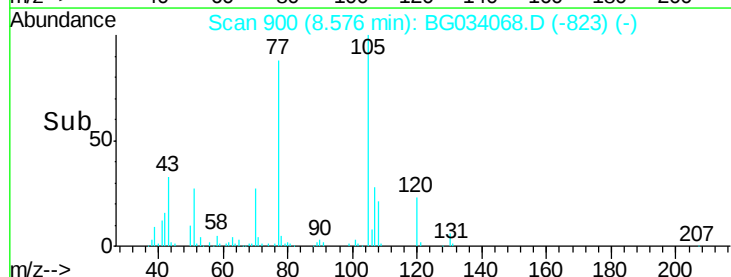
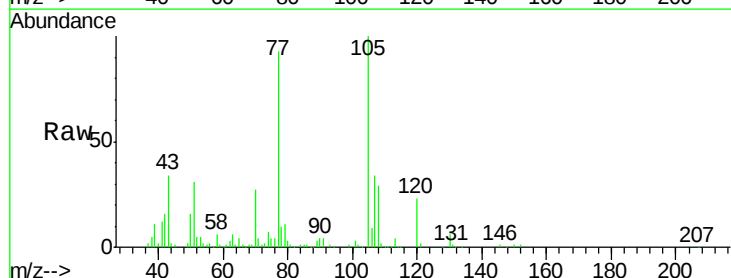
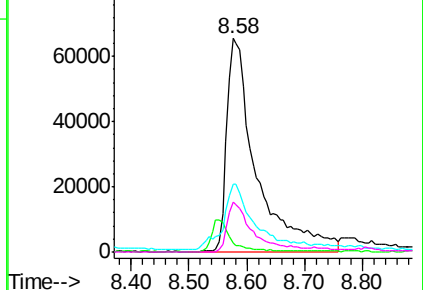
Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

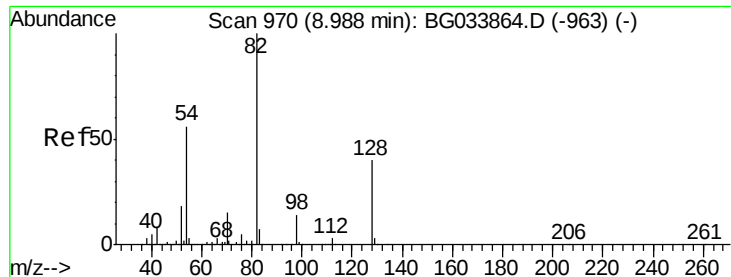


#22
Acetophenone
Concen: 33.101 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233893		
71	4.3	3.0	4.4	
51	31.5	26.1	39.1	
120	23.2	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
100000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





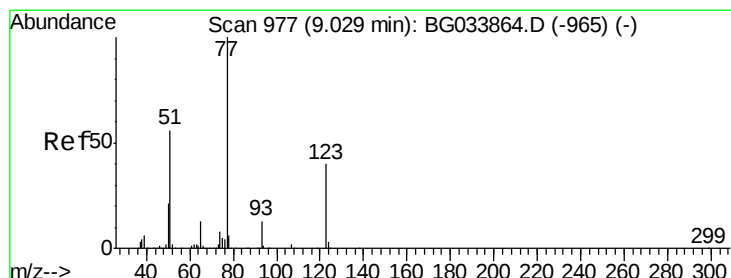
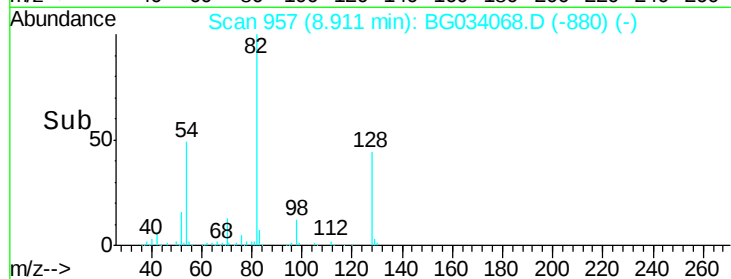
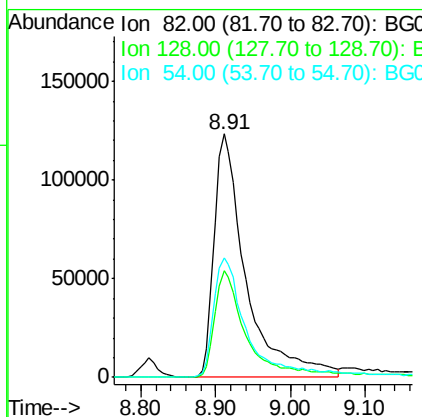
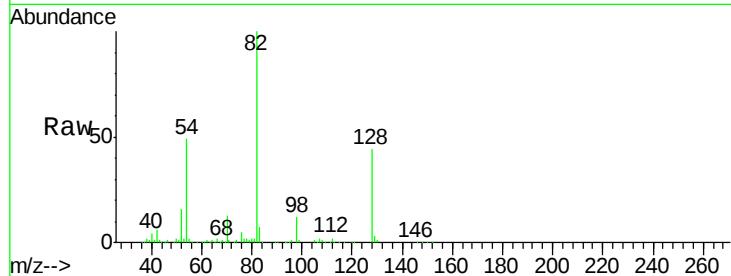
#23
 Nitrobenzene-d5
 Concen: 80.678 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion:	82	Resp:	368045
Ion Ratio	Lower	Upper	
82	100		
128	43.7	29.7	44.5
54	49.1	43.1	64.7

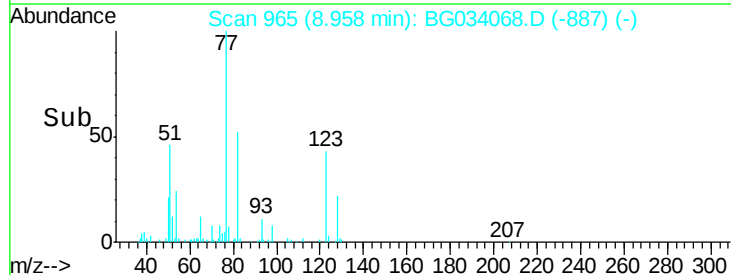
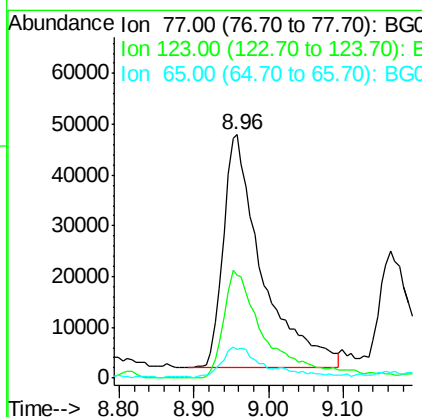
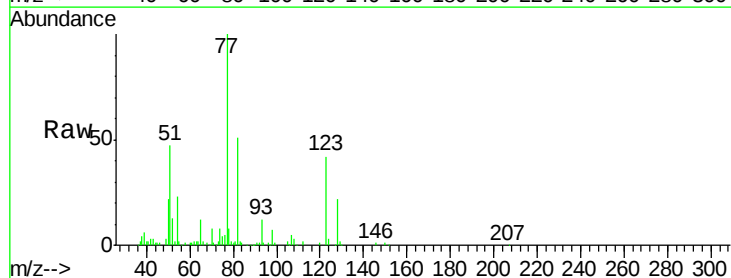
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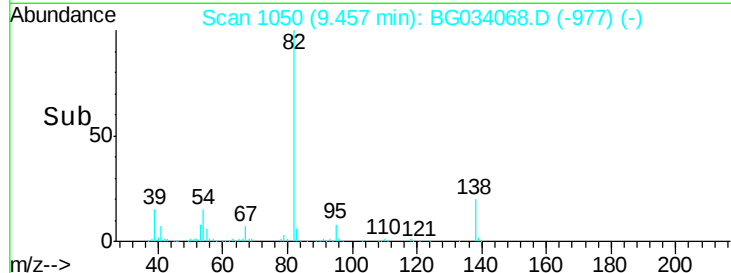
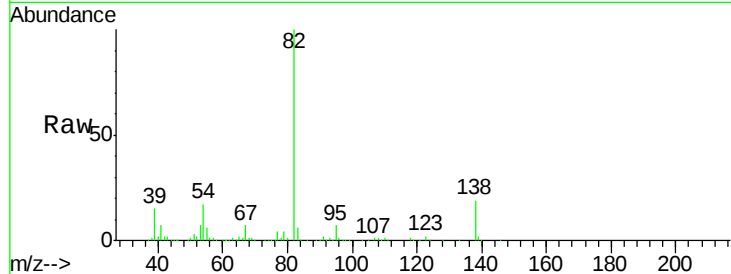
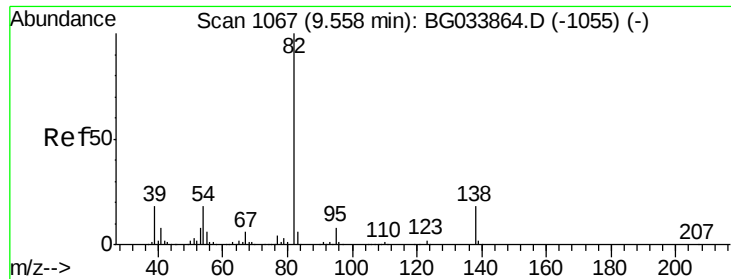
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#24
 Nitrobenzene
 Concen: 33.296 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:	77	Resp:	165517
Ion Ratio	Lower	Upper	
77	100		
123	42.0	33.0	49.6
65	12.0	13.0	19.6#





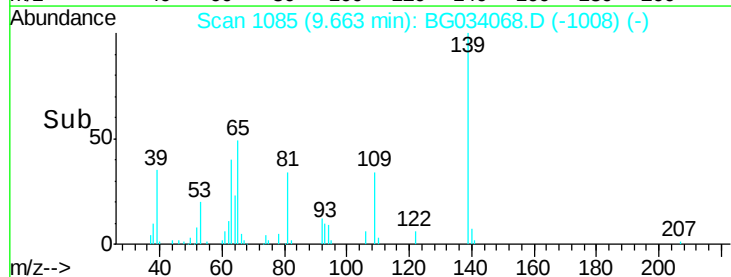
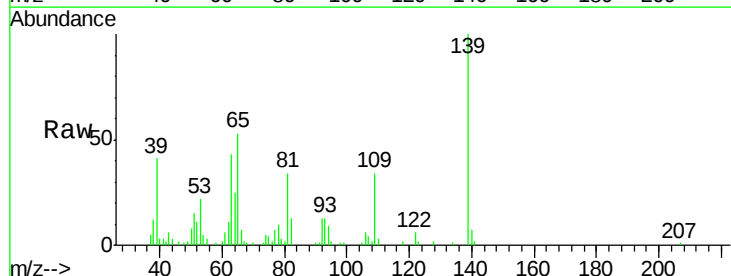
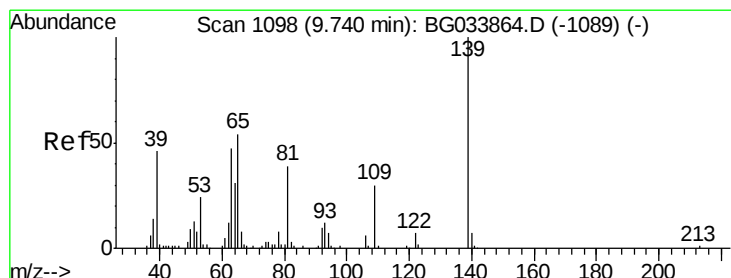
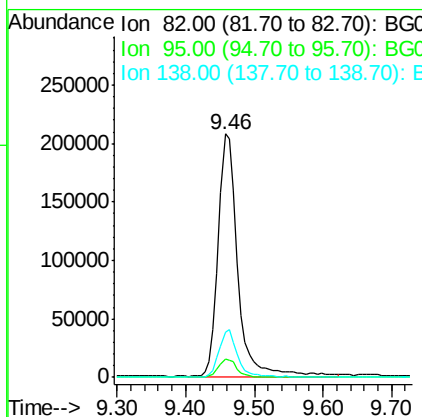
#25
Isophorone
Concen: 39.806 ng
RT: 9.46 min Scan# 1050
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tot Ion	Ratio	Resp	Lower	Upper
82	100	408271		
95	7.5	6.2	9.2	
138	18.8	12.1	18.1	

Instrument :
BNA_G
ClientSampleId :
PB108633BS

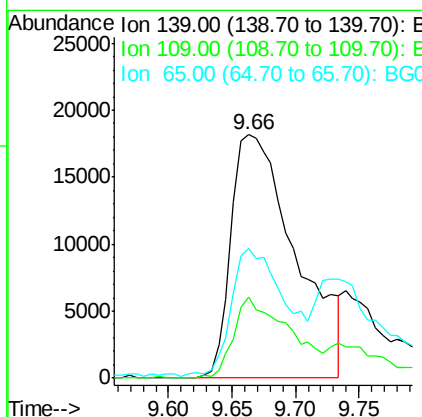
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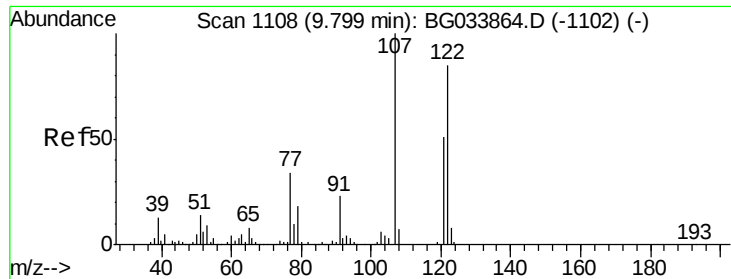
Sohil
4/30/2018 7:03:43 PM



#26
2-Nitrophenol
Concen: 32.869 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64562		
109	33.5	24.2	36.2	
65	53.1	47.4	71.0	





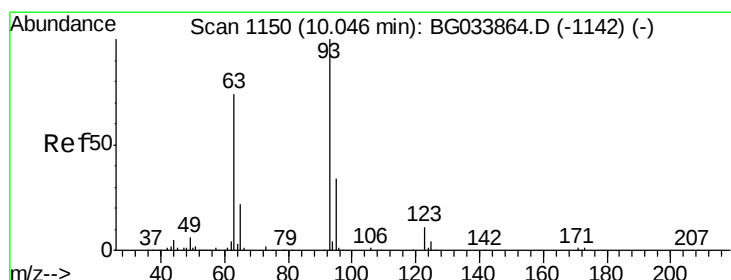
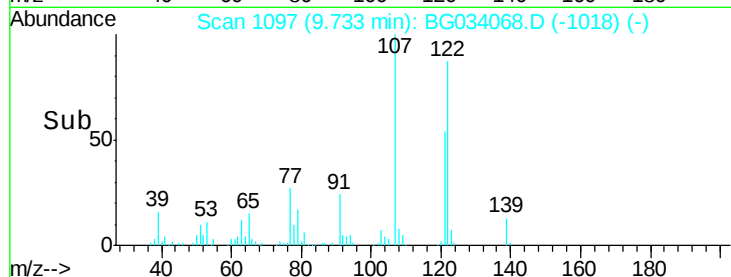
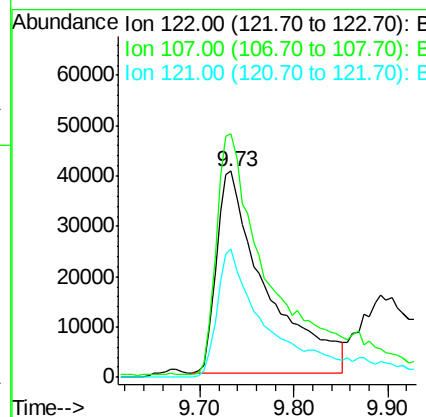
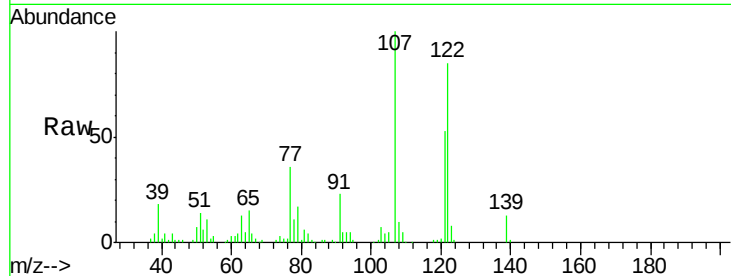
#27
 2,4-Dimethylphenol
 Concen: 40.424 ng
 RT: 9.73 min Scan# 1097
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	100.2	150.2
121	61.9	44.4	66.6

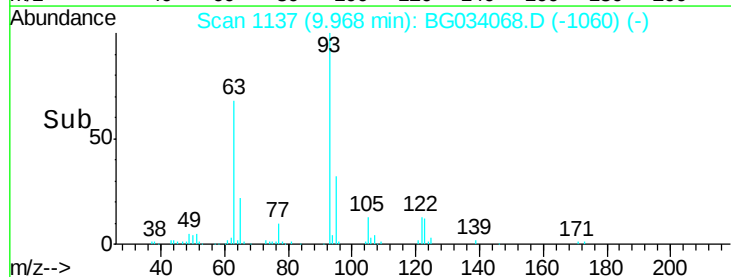
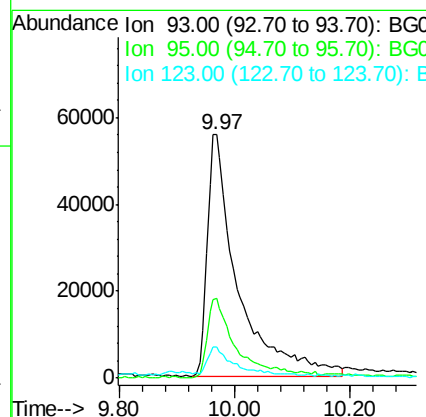
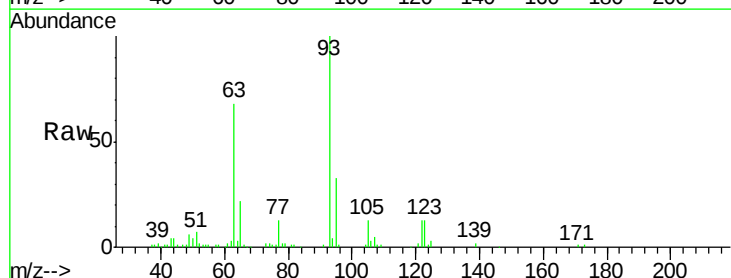
Manual Integrations
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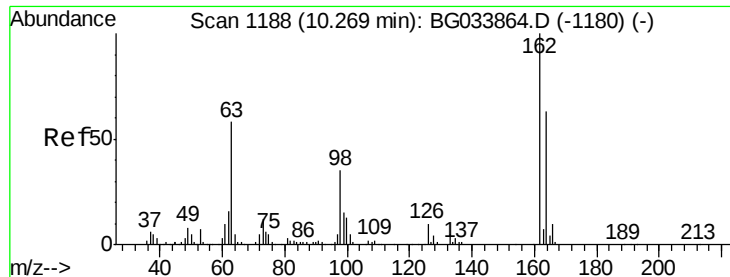
Sohil
 4/30/2018 7:03:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.221 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	12.9	8.4	12.6#





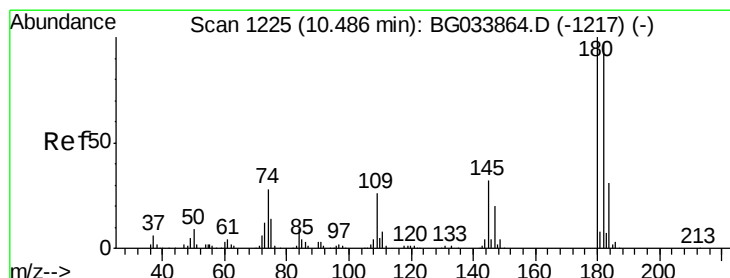
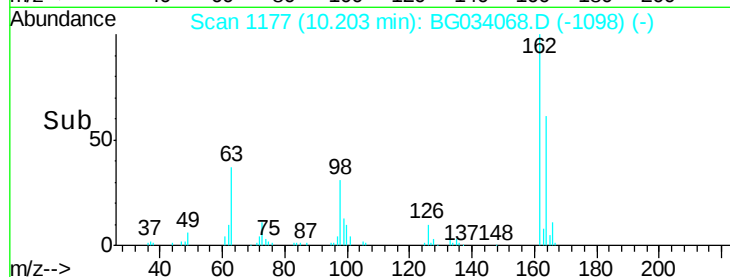
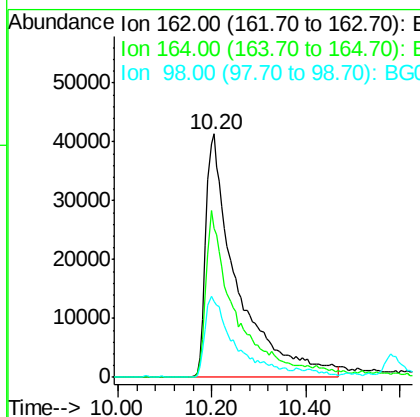
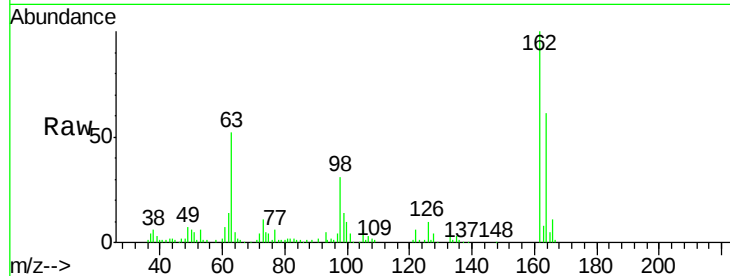
#29
2,4-Dichlorophenol
Concen: 46.901 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :
PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192085		
164	60.9	48.0	88.0	
98	31.4	21.1	61.1	

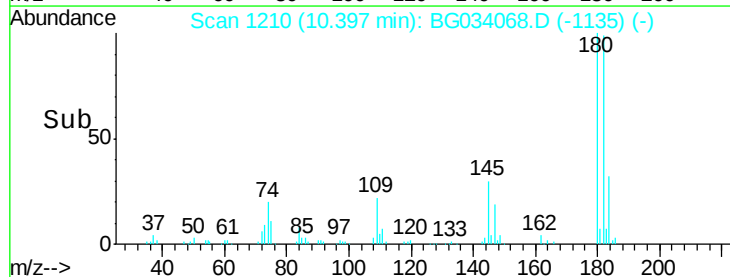
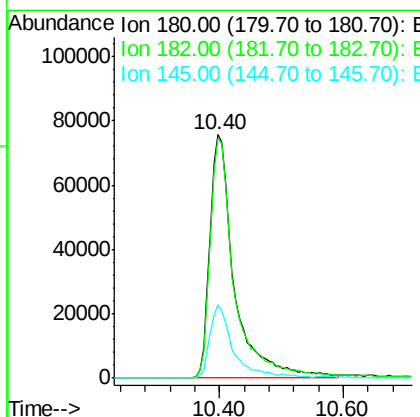
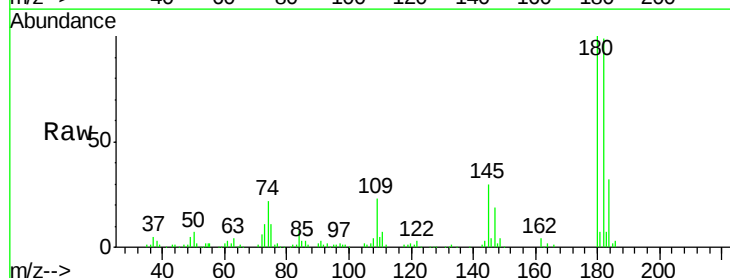
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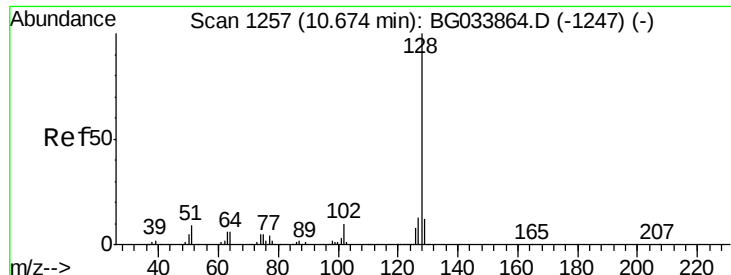
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.167 ng
RT: 10.40 min Scan# 1210
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207186		
182	98.6	77.5	116.3	
145	30.4	23.4	35.2	





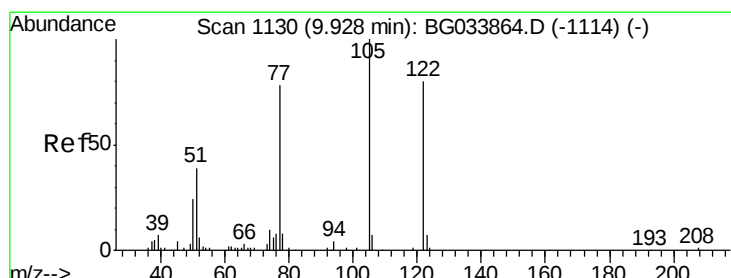
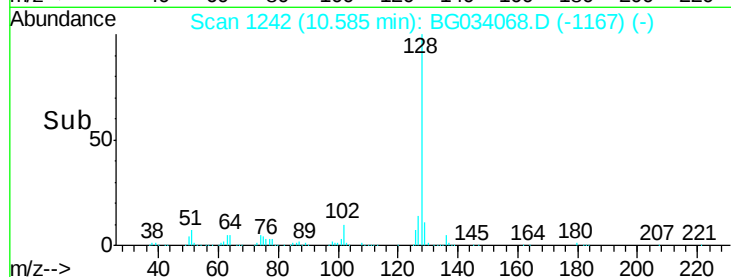
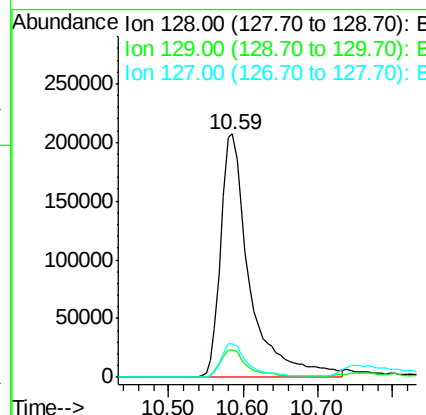
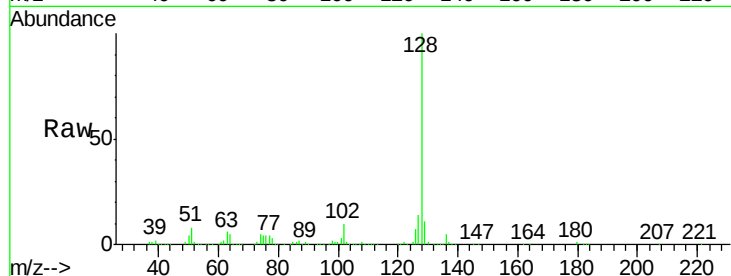
#31
Naphthalene
Concen: 41.974 ng
RT: 10.59 min Scan# 1242
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	560378		
129	11.2		8.6	12.8
127	13.9		11.6	17.4

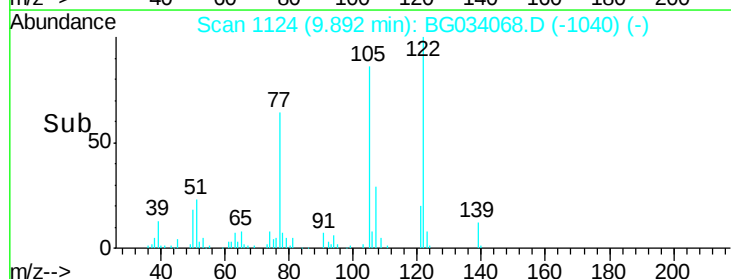
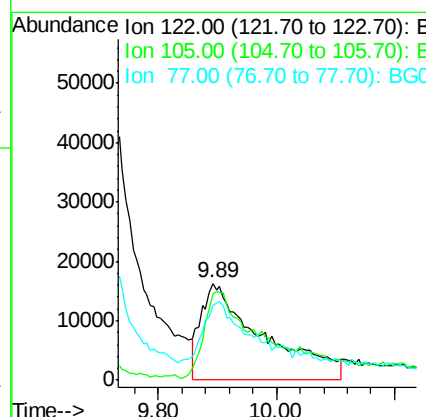
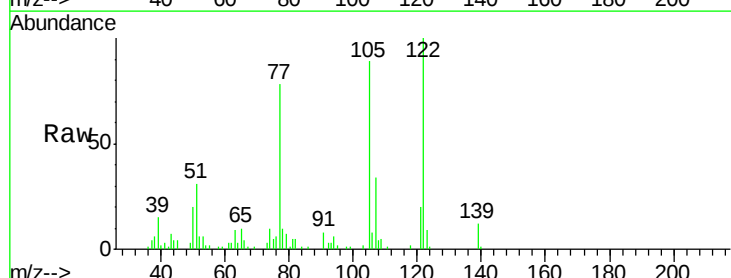
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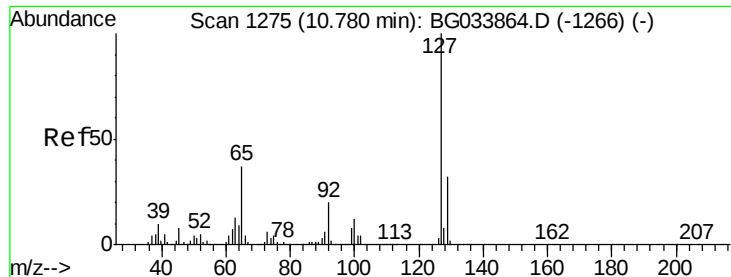
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#32
Benzoic acid
Concen: 34.127 ng m
RT: 9.89 min Scan# 1124
Delta R.T. -0.04 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	118944		
105	88.7		123.5	163.5#
77	77.6		85.7	125.7#





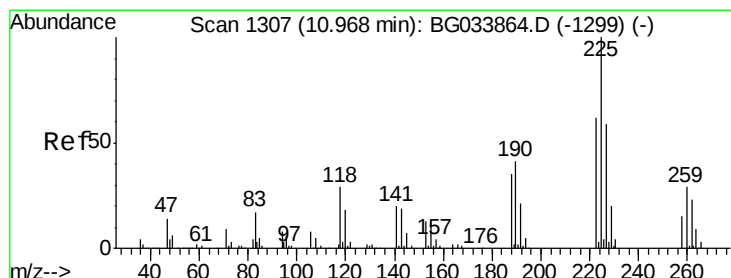
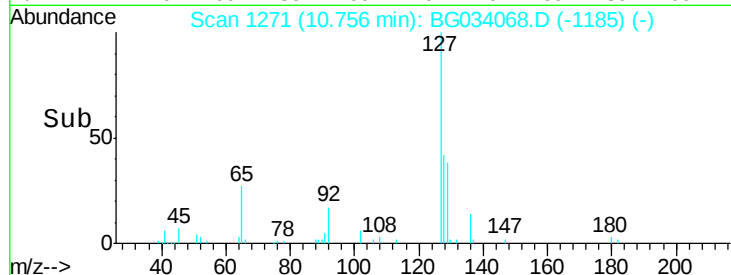
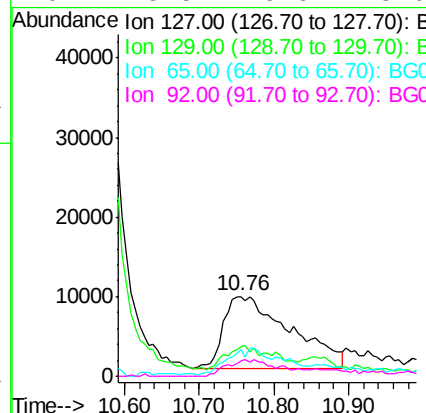
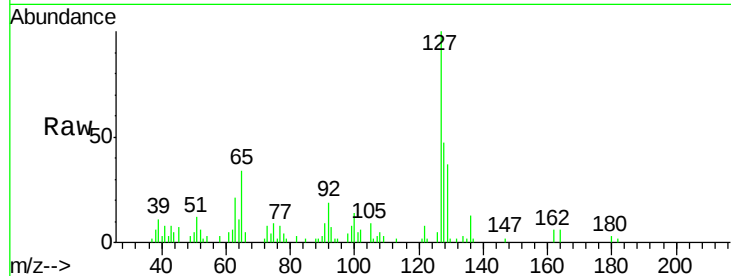
#33
4-Chloroaniline
Concen: 9.092 ng
RT: 10.76 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57055		
129	37.0	24.0	36.0#		
65	33.8	27.0	40.4		
92	18.5	16.6	25.0		

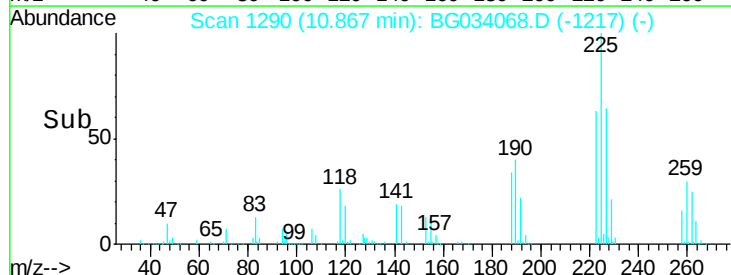
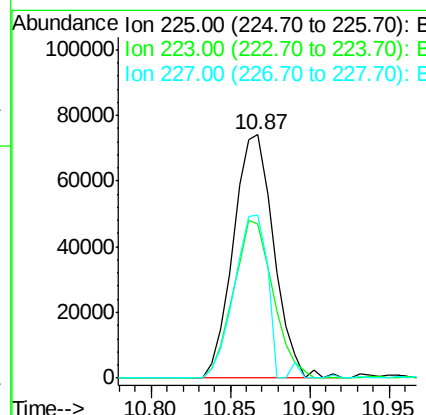
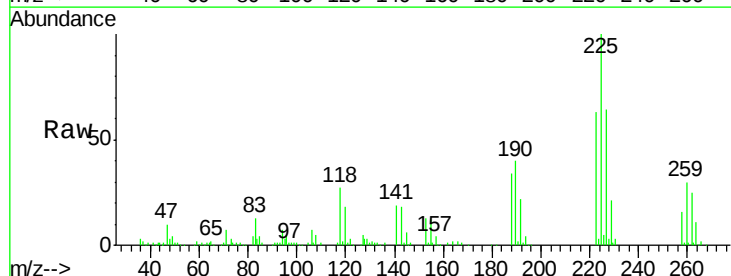
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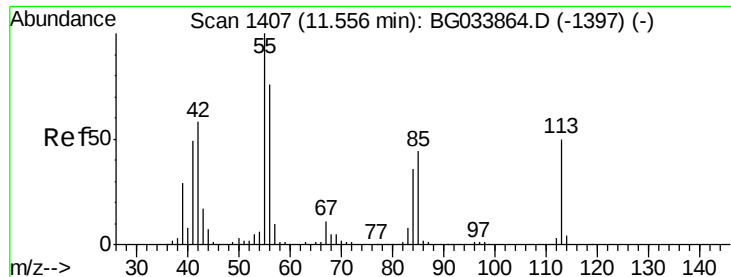
Sohil
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#34
Hexachlorobutadiene
Concen: 47.841 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		131283		
223	63.8	49.7	74.5		
227	64.1	48.1	72.1		





#35

Caprolactam

Concen: 41.106 ng/ml

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleID :

PB108633BS

Tot Ion:113 Resp: 71576

Ion Ratio Lower Upper

113 100

55 144.9 186.9 226.9#

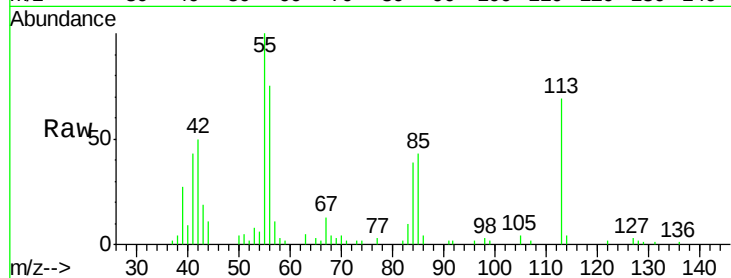
56 108.4 130.9 170.9#

Manual Integrations

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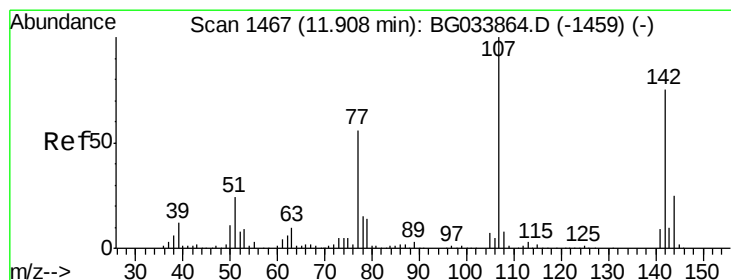
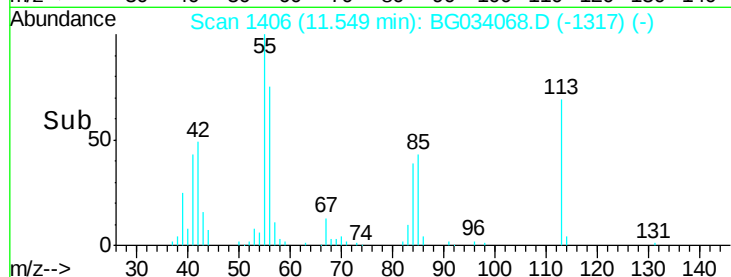
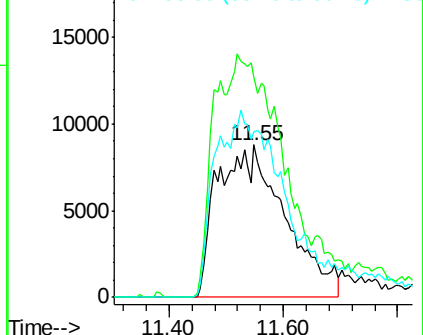
4/30/2018 7:03:43 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.687 ng/ml

RT: 11.85 min Scan# 1457

Delta R.T. -0.06 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

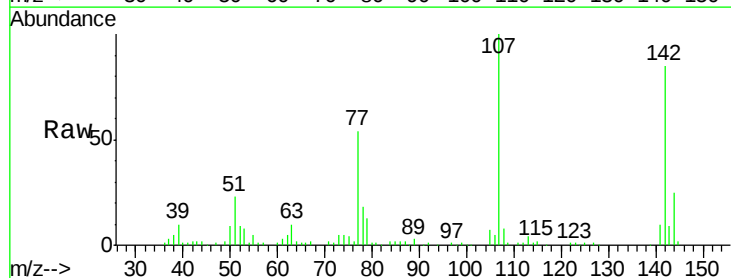
Tgt Ion:107 Resp: 208382

Ion Ratio Lower Upper

107 100

144 25.1 18.2 27.4

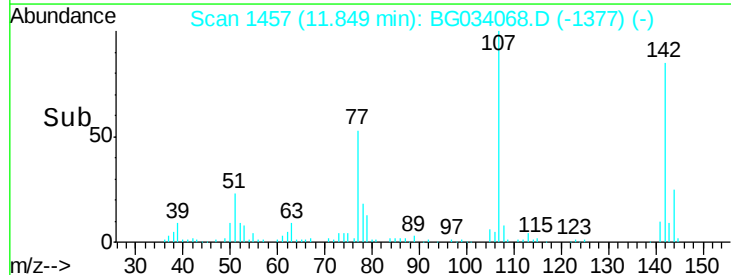
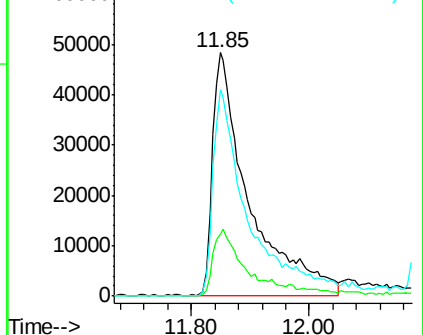
142 84.9 59.0 88.4

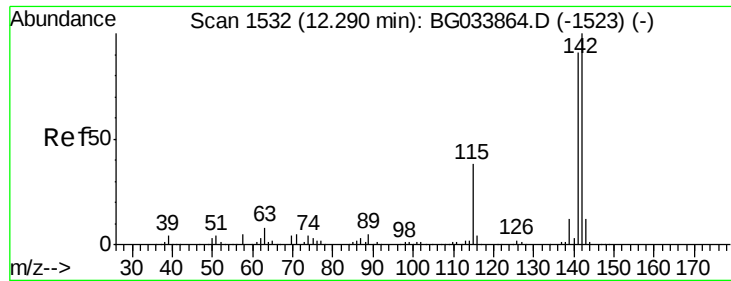


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





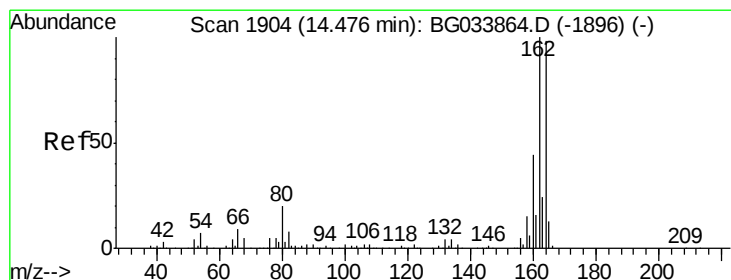
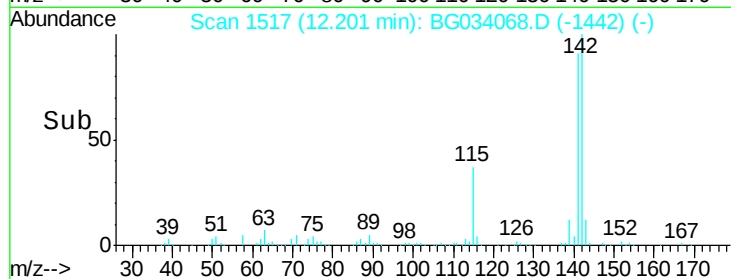
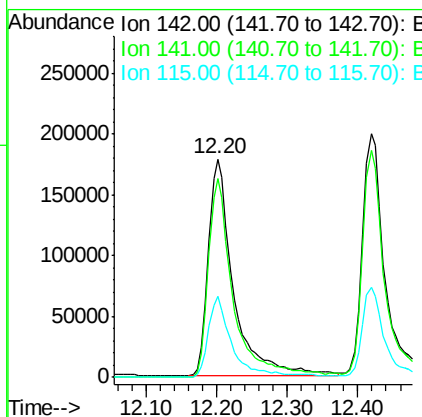
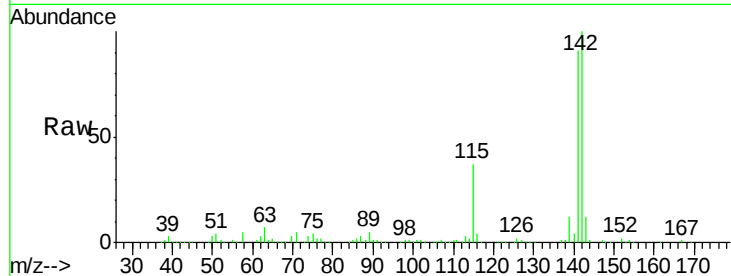
#37
2-Methylnaphthalene
Concen: 43.293 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampled :
PB108633BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	36.9	30.7	46.1

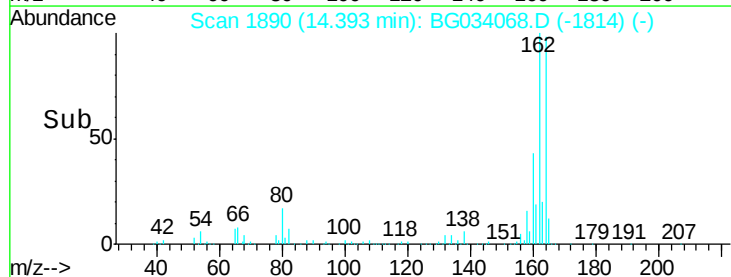
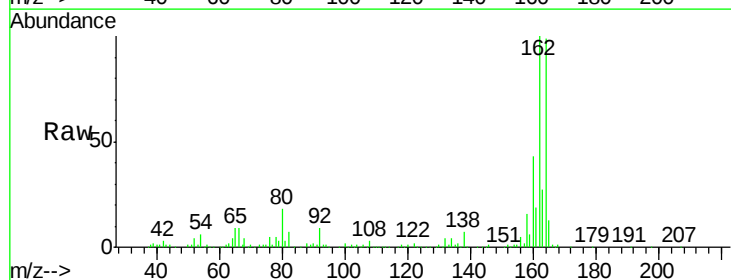
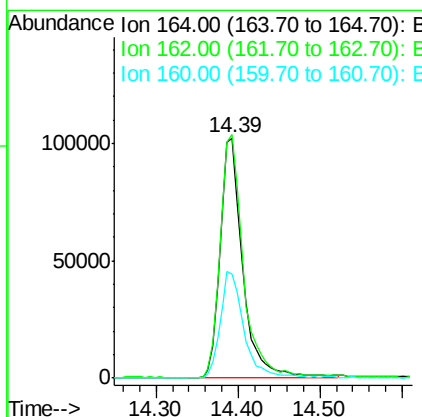
Manual Integrations
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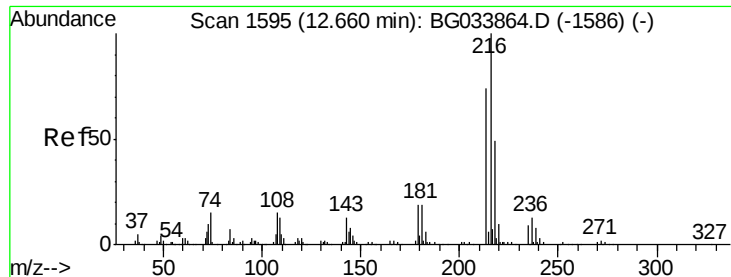
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	43.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.746 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

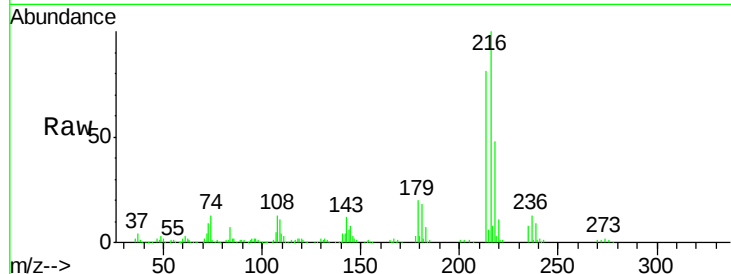
ClientSampleId :

PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	275990		
214	77.3	63.0	94.4	
179	18.9	17.0	25.6	
108	16.3	12.8	19.2	

Manual Integrations
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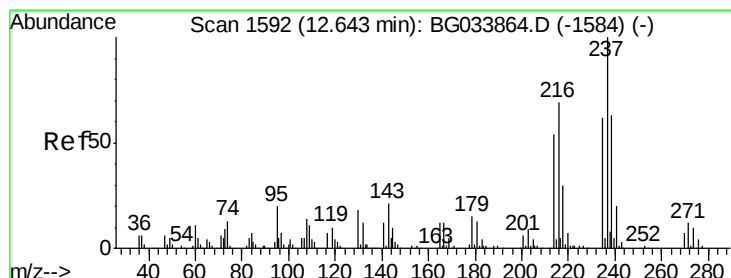
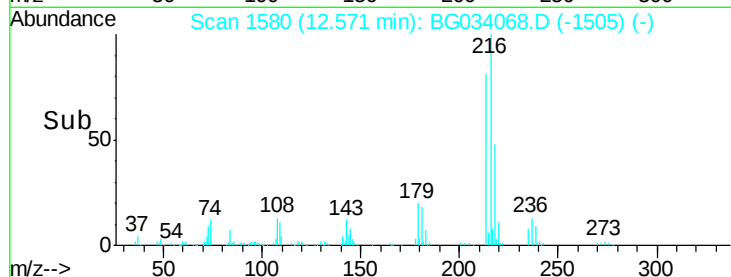
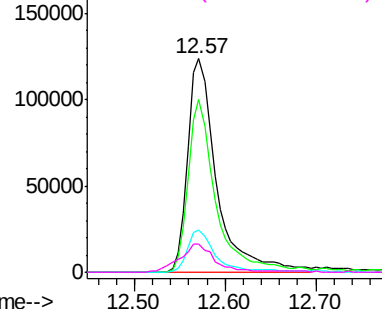


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.197 ng

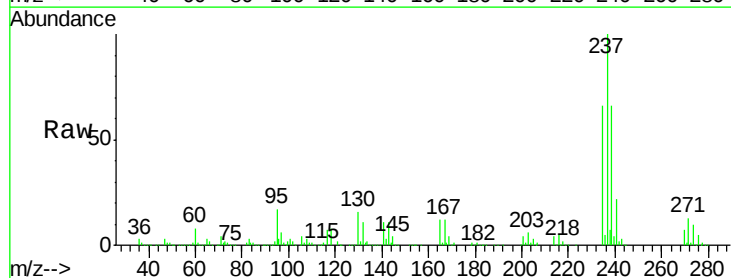
RT: 12.55 min Scan# 1576

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

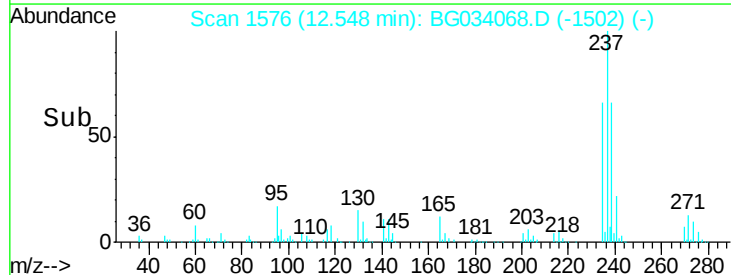
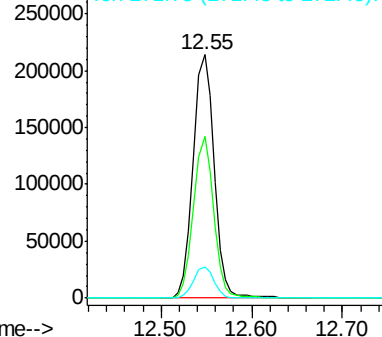
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	346050		
235	66.2	50.4	90.4	
272	12.9	0.0	31.8	

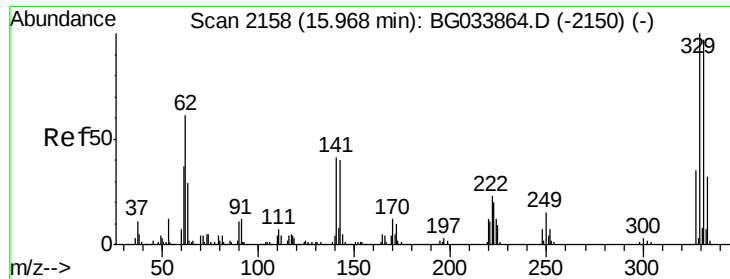


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





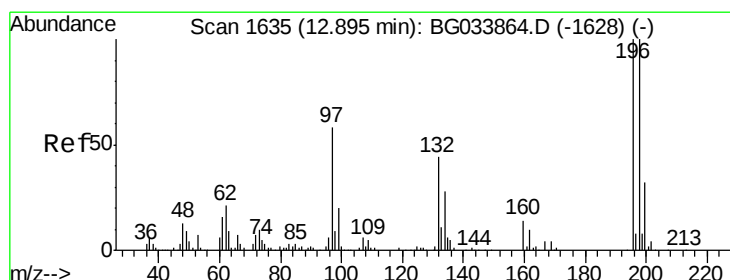
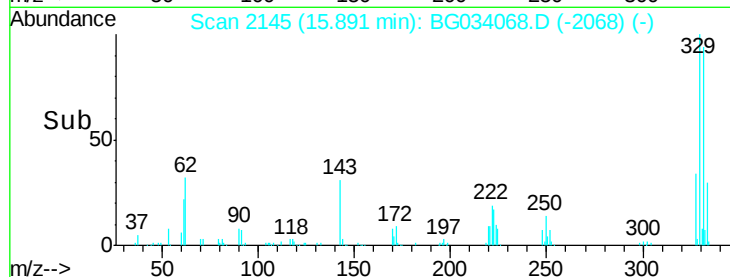
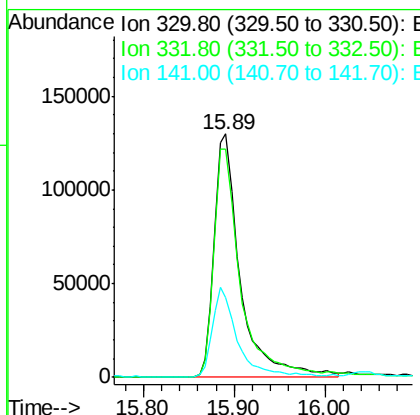
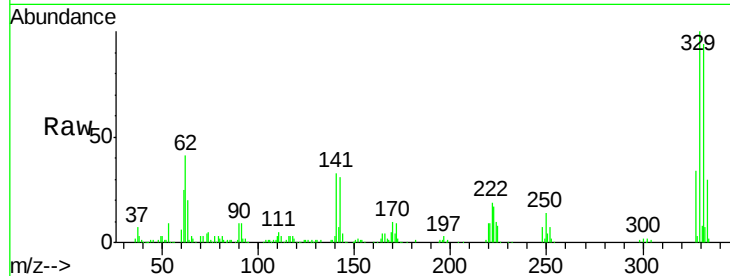
#41
 2,4,6-Tribromophenol
 Concen: 112.054 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260273		
332	99.6	77.0	115.6	
141	35.1	25.2	37.8	

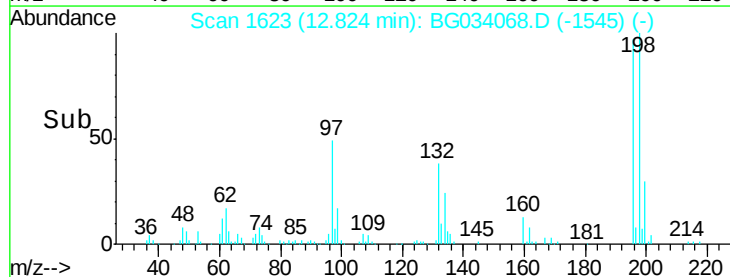
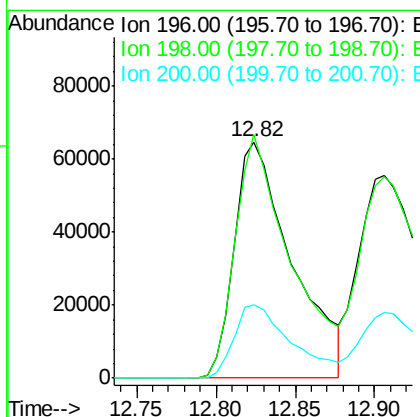
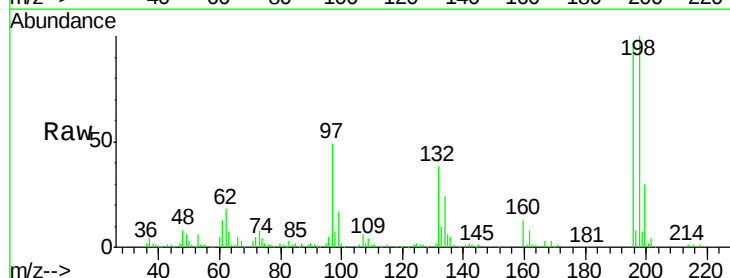
Manual Integrations
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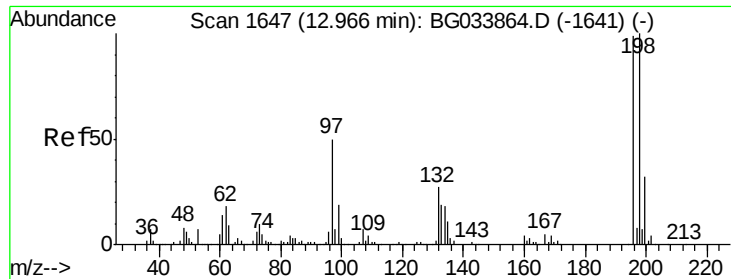
Sohil
 4/30/2018 7:03:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.523 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163339		
198	103.1	78.2	117.2	
200	31.1	24.6	36.8	





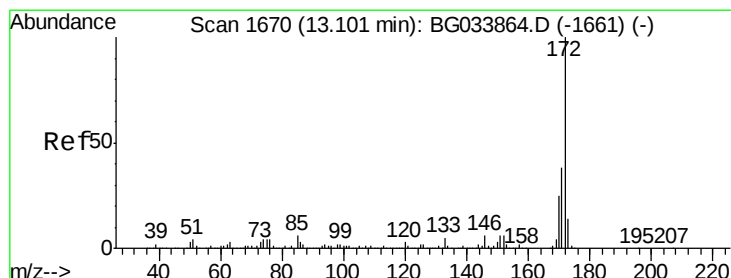
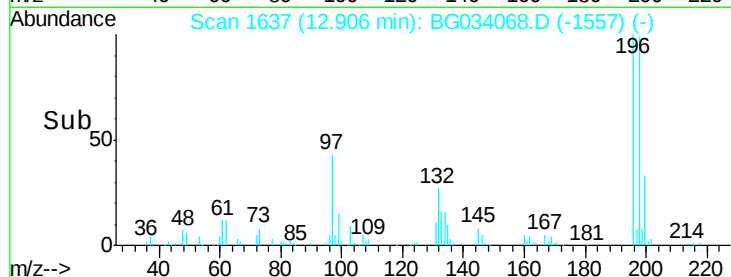
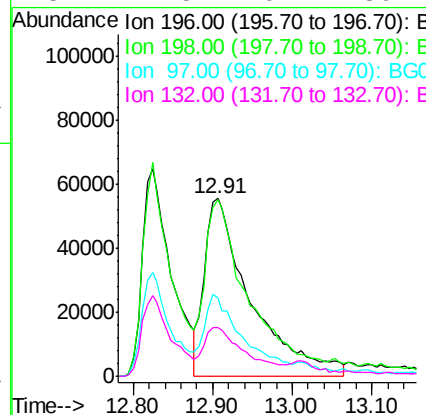
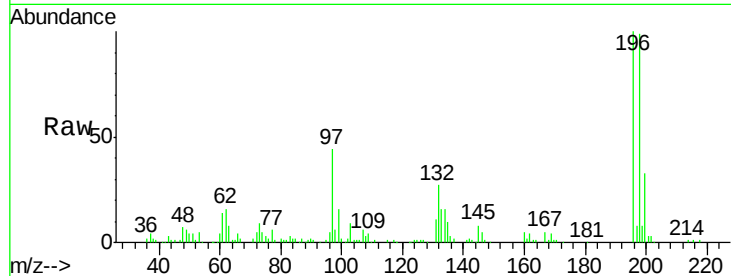
#43
 2,4,5-Trichlorophenol
 Concen: 48.627 ng/mL
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.06 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleID :
 PB108633BS

Tot Ion	196	Resp	225339
Ion Ratio	Lower	Upper	
196	100		
198	99.1	76.2	114.4
97	43.6	38.7	58.1
132	27.5	20.2	30.2

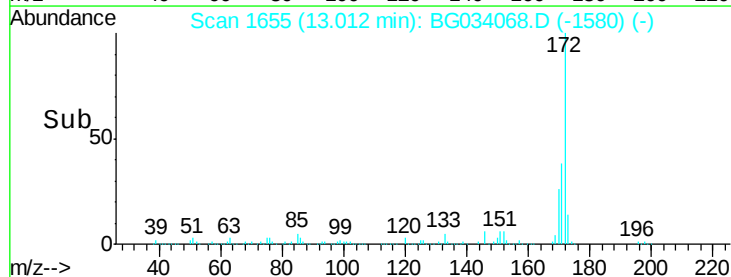
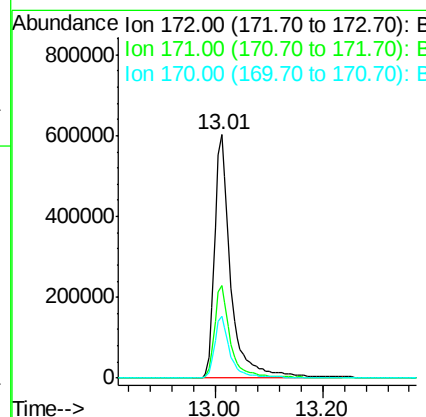
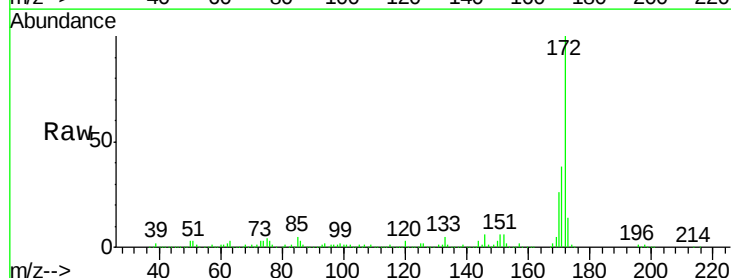
Manual Integrations
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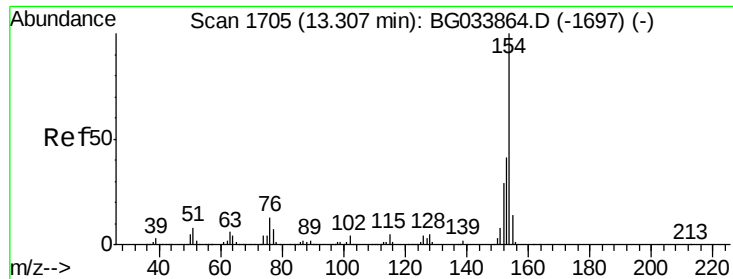
Sohil
 4/30/2018 7:03:43 PM



#44
 2-Fluorobiphenyl
 Concen: 93.223 ng/mL
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	172	Resp	1263431
Ion Ratio	Lower	Upper	
172	100		
171	38.0	30.0	45.0
170	25.6	19.5	29.3





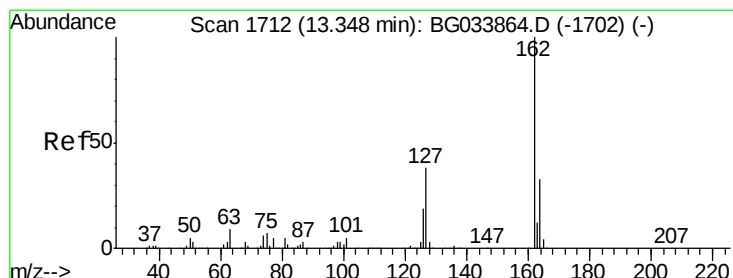
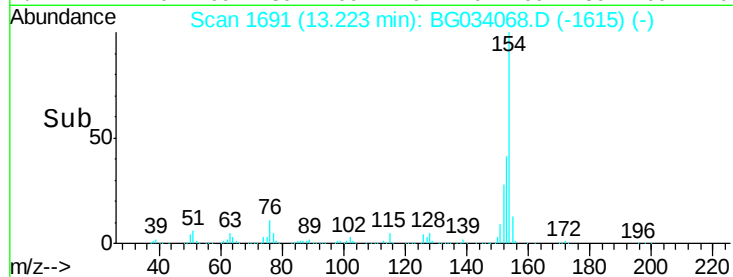
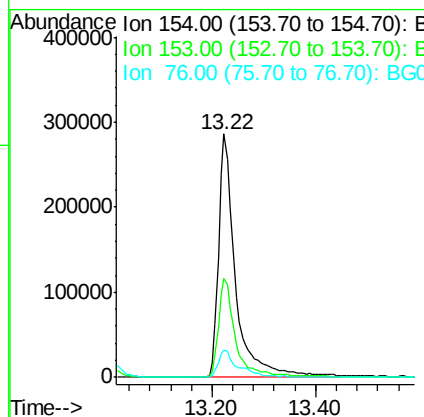
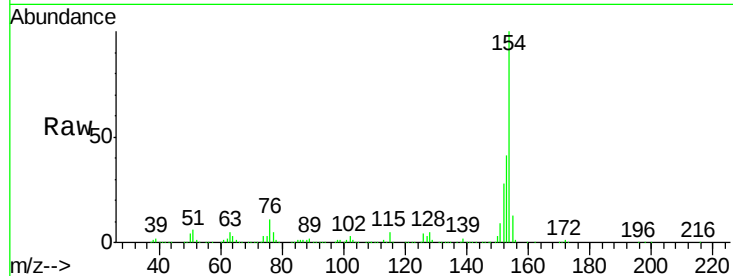
#45
 1,1'-Biphenyl
 Concen: 40.658 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion:	154	Resp:	655275
Ion Ratio		Lower	Upper
154	100		
153	40.6	19.8	59.8
76	11.3	0.0	31.9

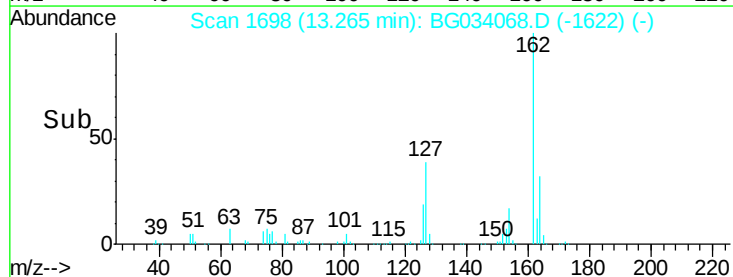
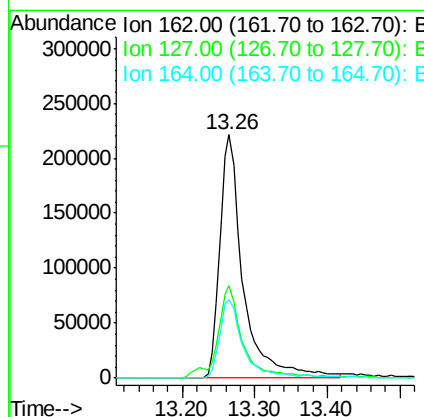
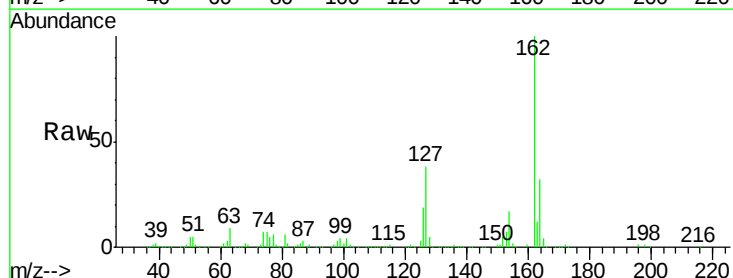
Manual Integrations
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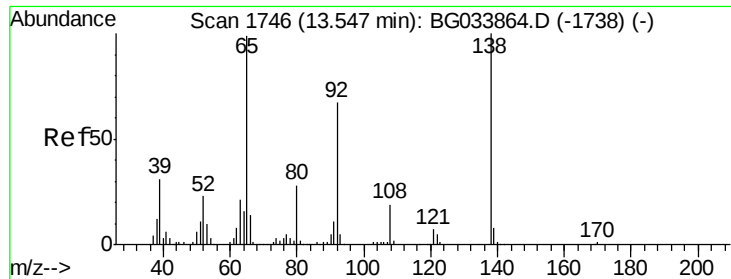
Sohil
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#46
 2-Chloronaphthalene
 Concen: 40.626 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion:	162	Resp:	496458
Ion Ratio		Lower	Upper
162	100		
127	38.2	30.7	46.1
164	32.0	26.0	39.0





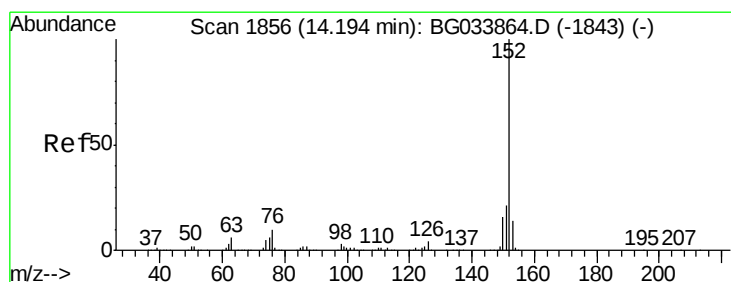
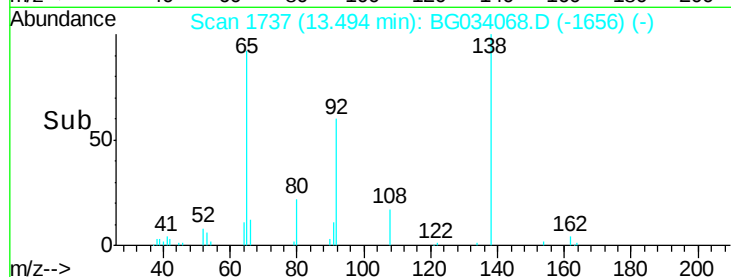
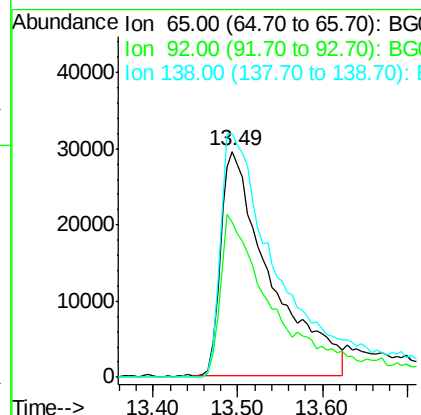
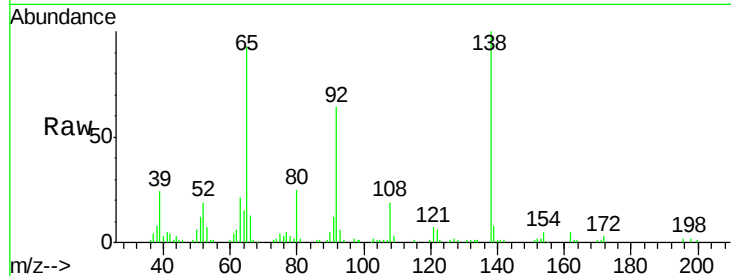
#47
2-Nitroaniline
Concen: 31.545 ng
RT: 13.49 min Scan# 1737
Delta R.T. -0.05 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.6	82.0
138	107.8	72.9	109.3

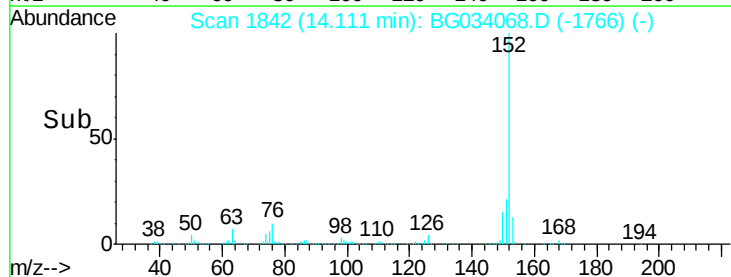
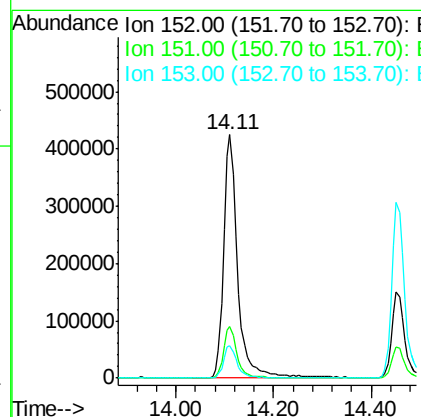
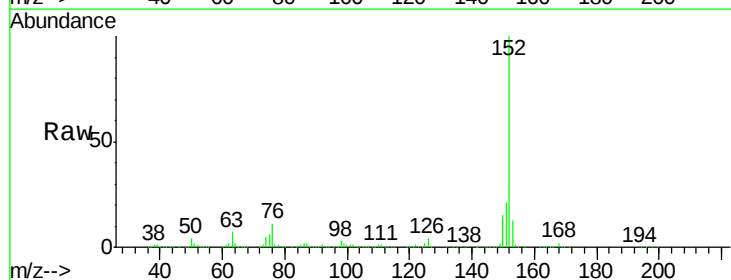
Manual Integrations
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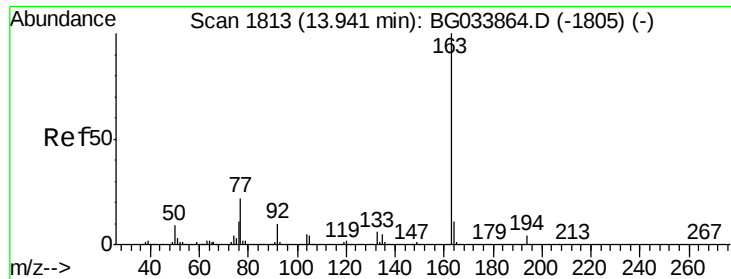
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#48
Acenaphthylene
Concen: 41.444 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	13.3	10.2	15.4





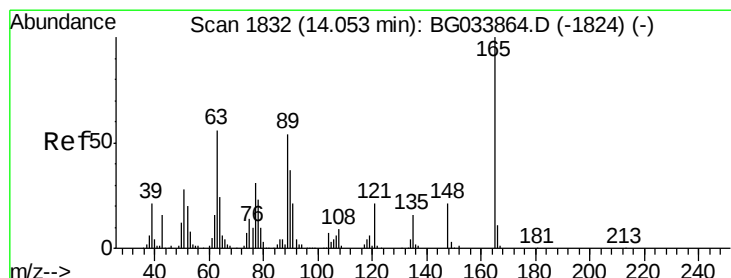
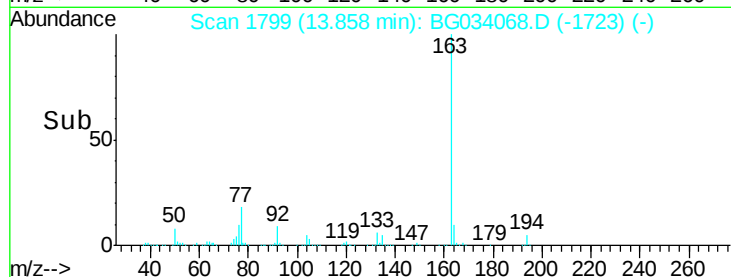
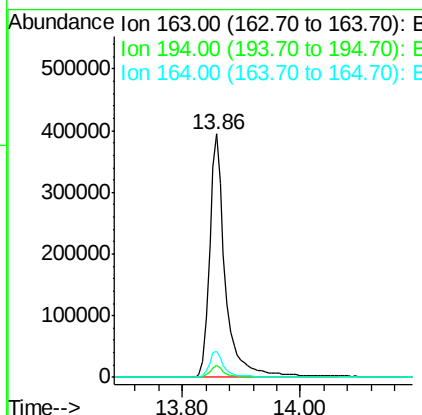
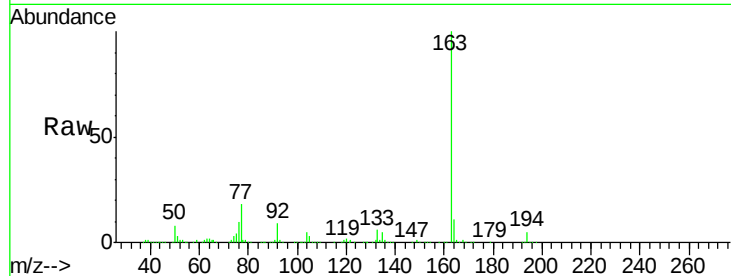
#49
Dimethylphthalate
Concen: 41.997 ng
RT: 13.86 min Scan# 1799
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	735510		
194	4.8		3.4	5.2
164	10.7		8.2	12.4

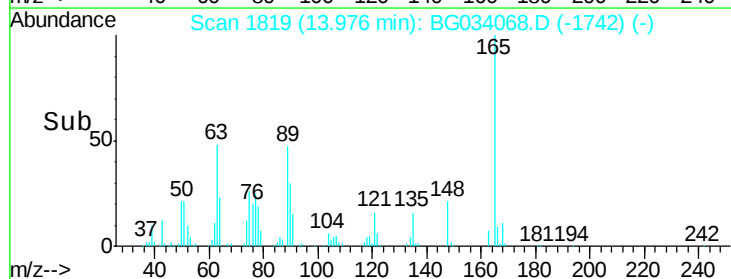
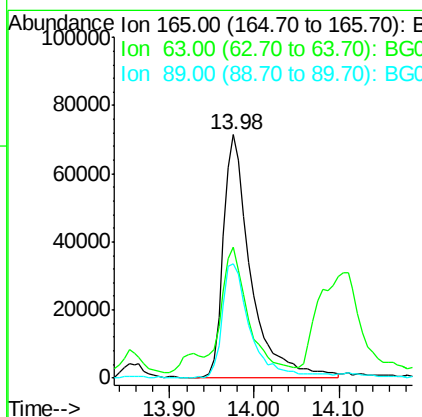
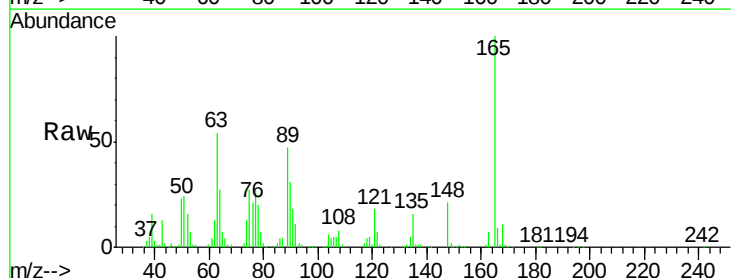
Manual Integrations
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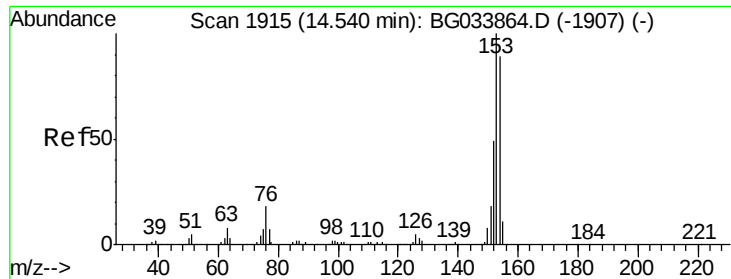
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.797 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158634		
63	53.6		52.7	79.1
89	47.0		49.2	73.8





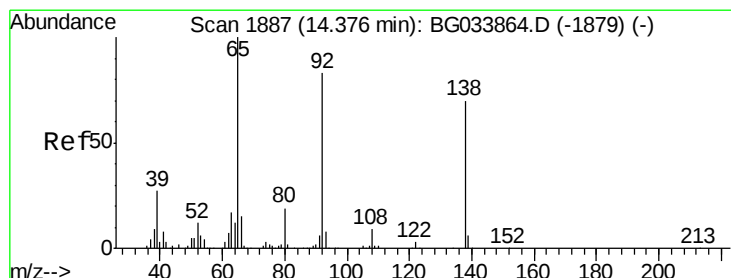
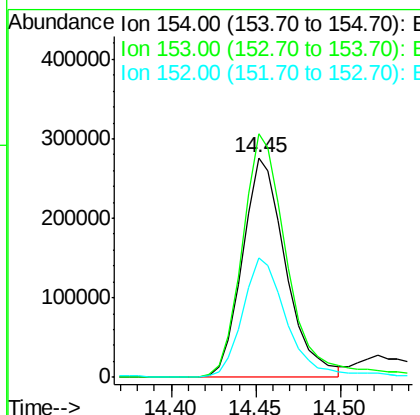
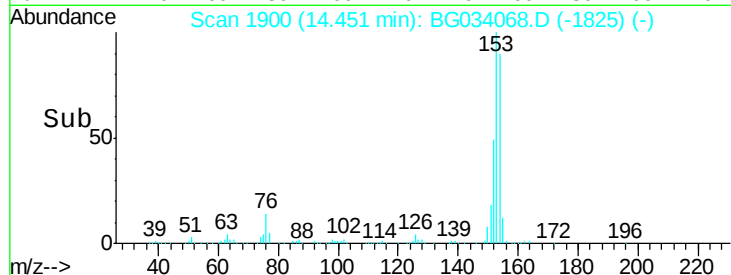
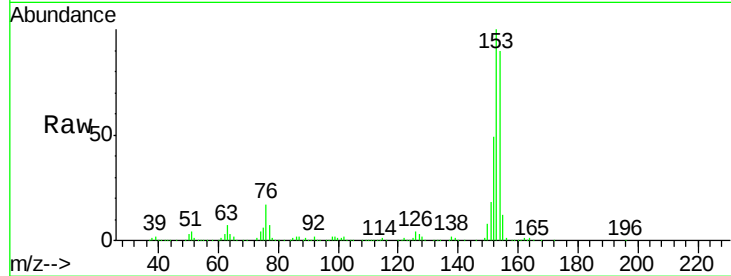
#51
Acenaphthene
Concen: 38.348 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.4	135.6
152	54.2	41.6	62.4

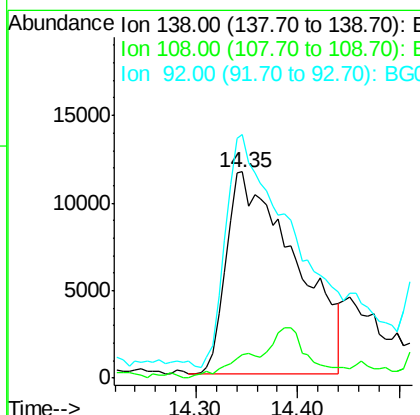
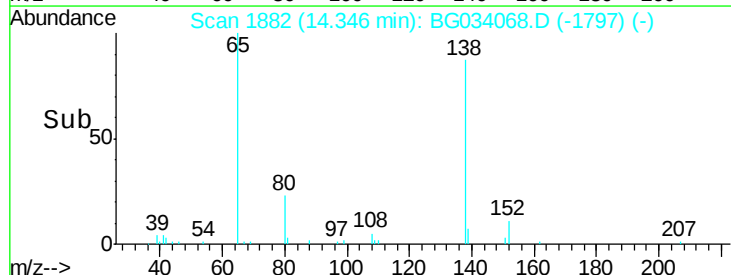
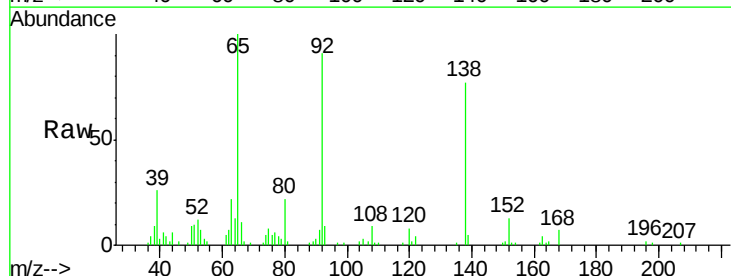
Manual Integrations
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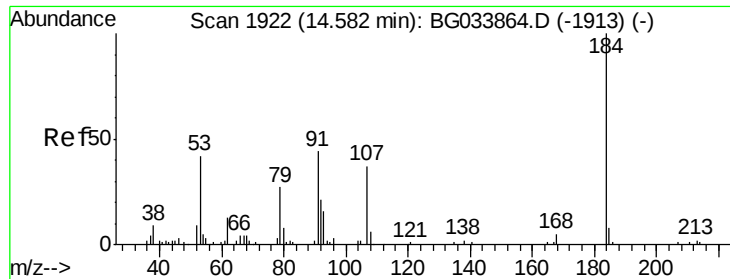
Sohil
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#52
3-Nitroaniline
Concen: 15.127 ng
RT: 14.35 min Scan# 1882
Delta R.T. -0.03 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	17.5	26.3#
92	118.1	105.8	158.8





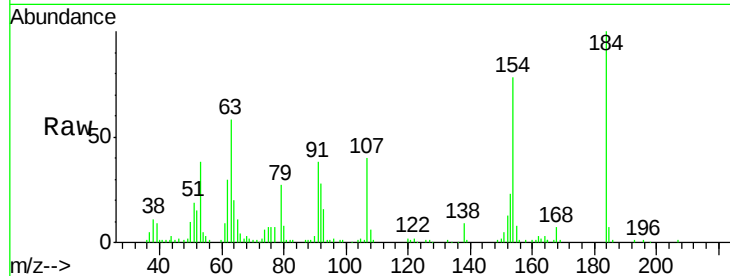
#53
2,4-Dinitrophenol
Concen: 94.320 ng
RT: 14.52 min Scan# 1912
Delta R.T. -0.06 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

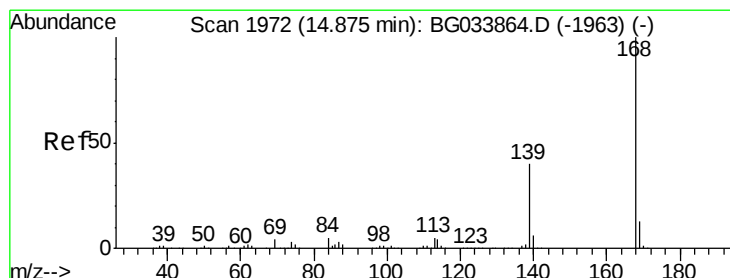
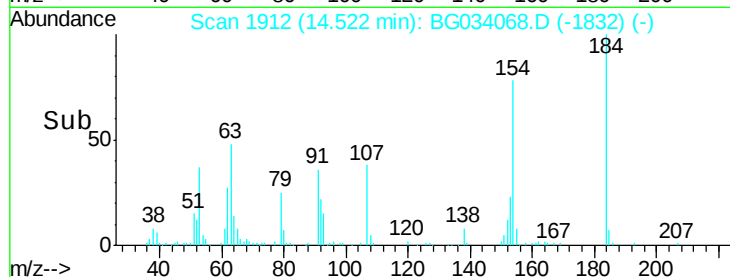
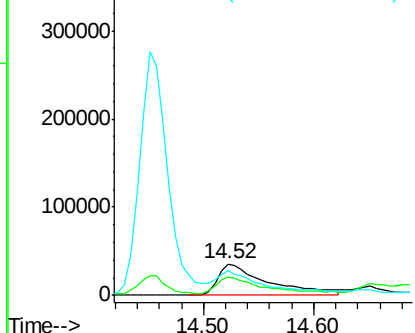
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.6	59.8	89.8#
154	78.4	101.8	152.8#

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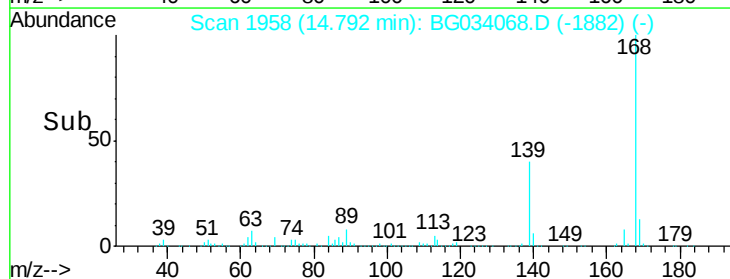
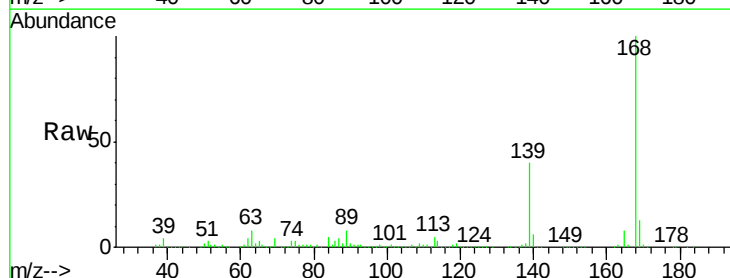
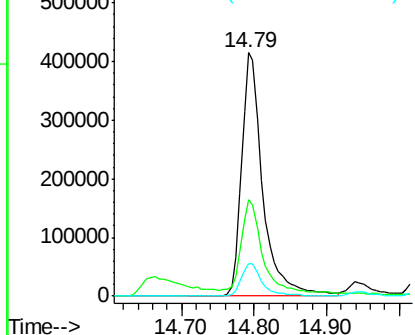
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

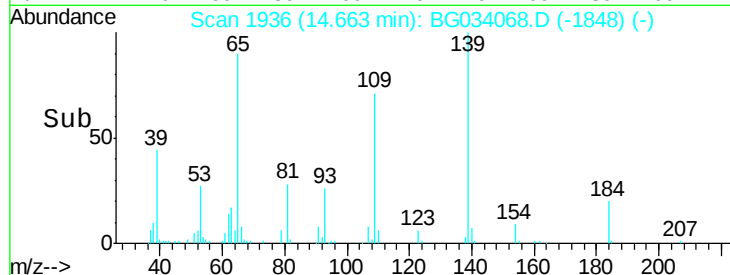
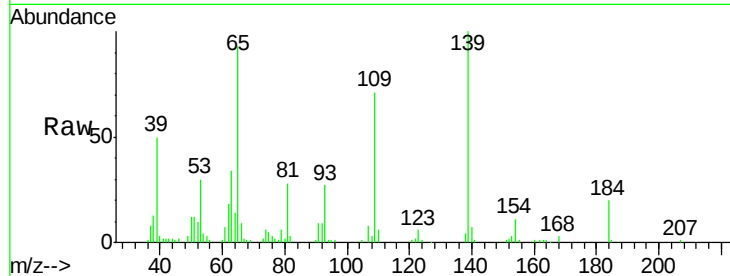
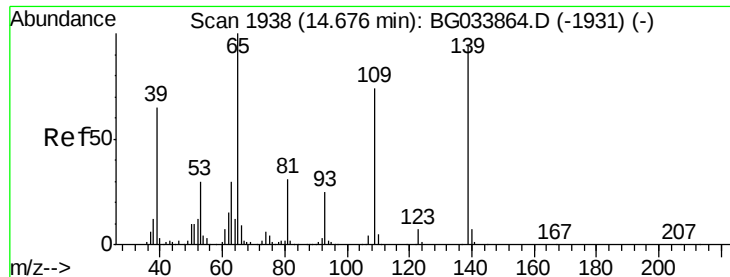


#54
Dibenzofuran
Concen: 44.642 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	28.6	43.0
169	13.3	11.2	16.8

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





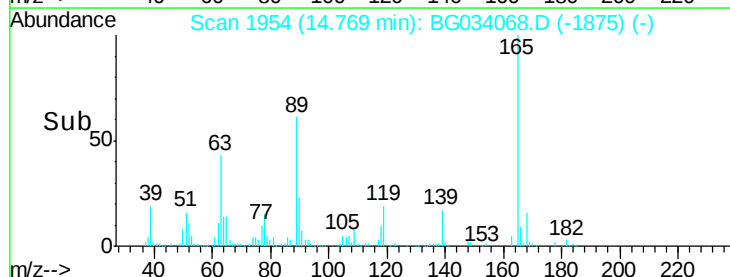
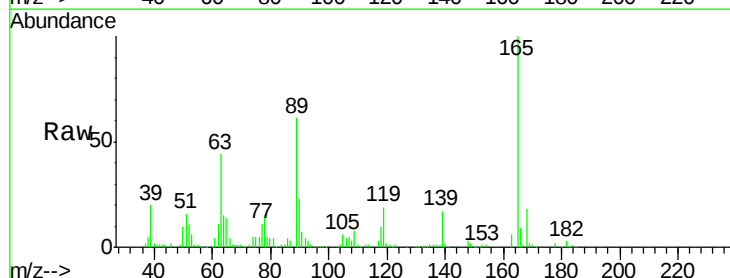
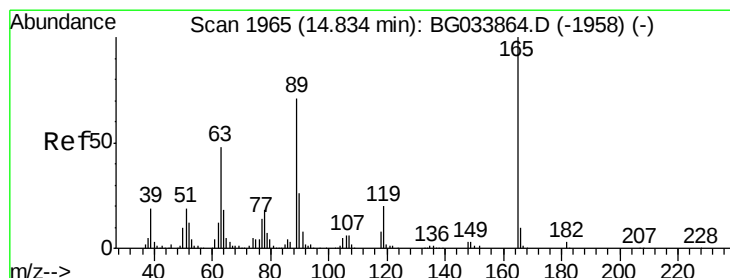
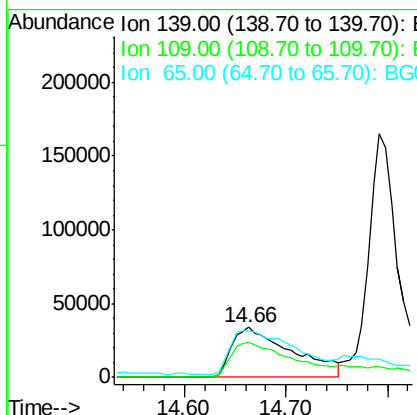
#55
4-Nitrophenol
Concen: 49.688 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	140441		
109	71.3	62.2	102.2	
65	92.6	97.2	137.2#	

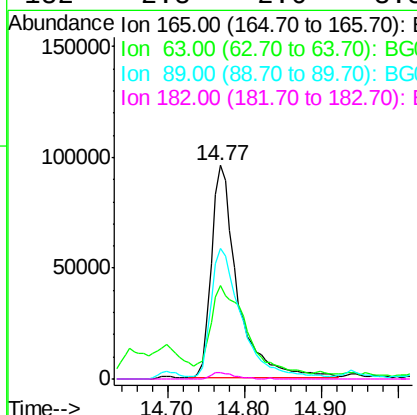
Manual Integrations
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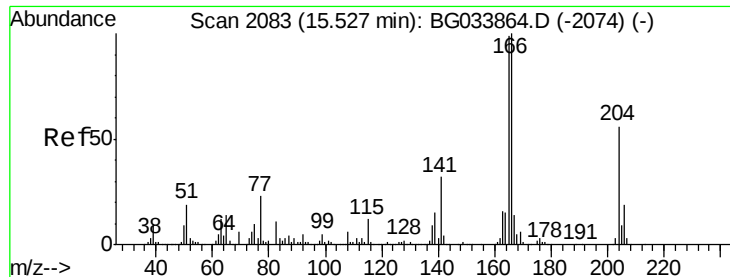
Sohil
4/30/2018 7:03:43 PM



#56
2,4-Dinitrotoluene
Concen: 51.065 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225371		
63	44.0	42.0	63.0	
89	61.1	66.9	100.3#	
182	2.8	2.6	3.8	





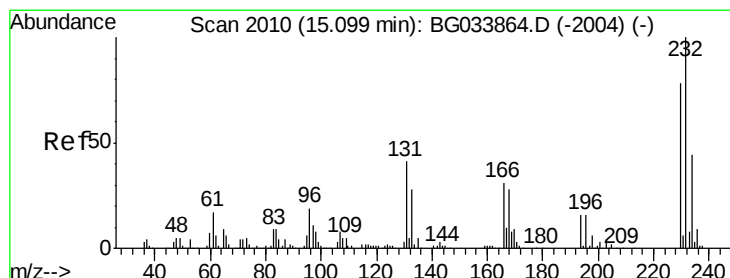
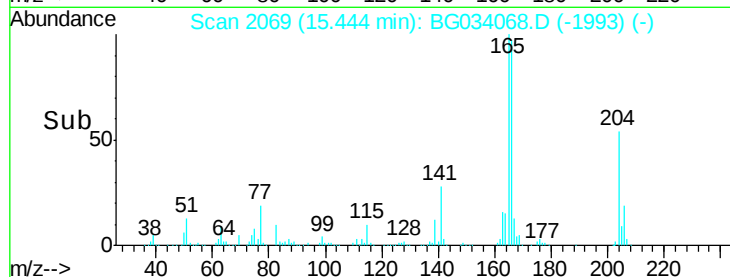
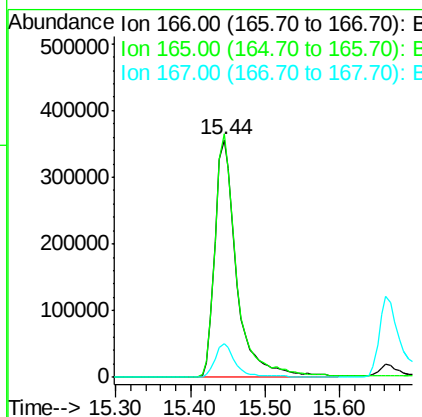
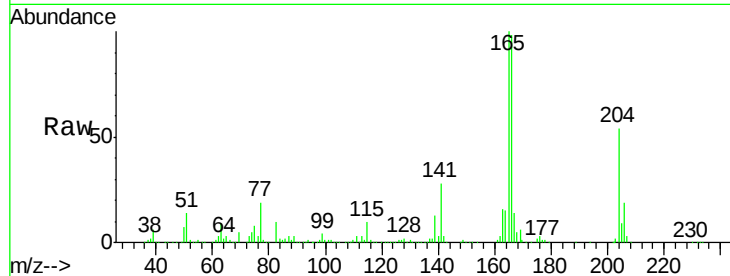
#57
Fluorene
 Concen: 44.145 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleID :
 PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.4	80.6	121.0	
167	13.9	10.4	15.6	

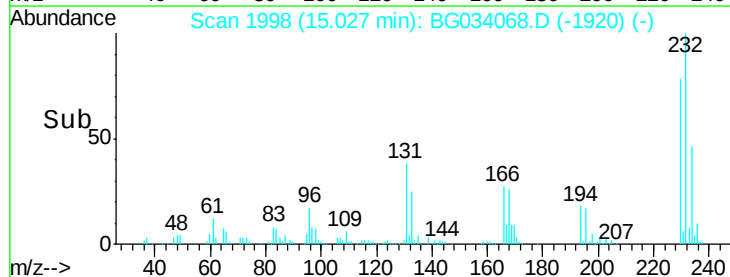
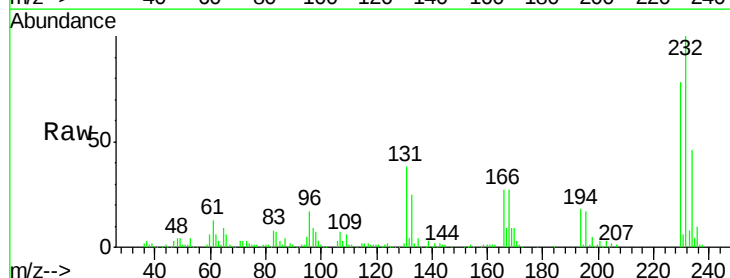
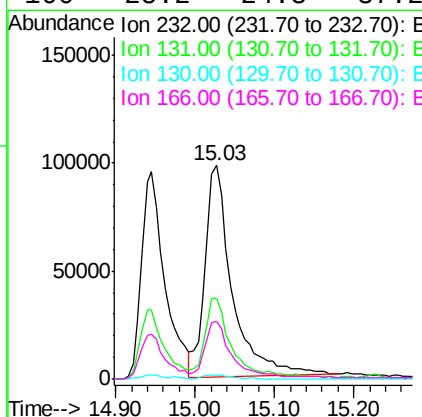
Manual Integrations
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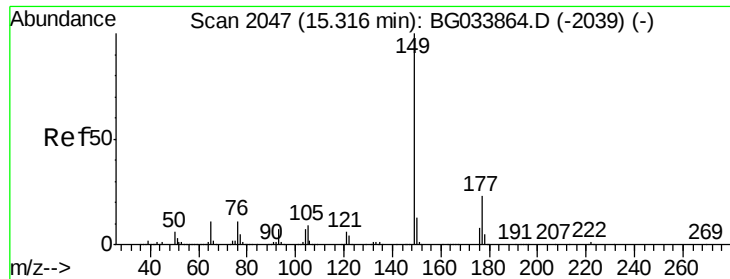
Sohil
 4/30/2018 7:03:43 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.407 ng
 RT: 15.03 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	36.5	33.5	50.3	
130	2.0	2.2	3.2	
166	25.2	24.8	37.2	





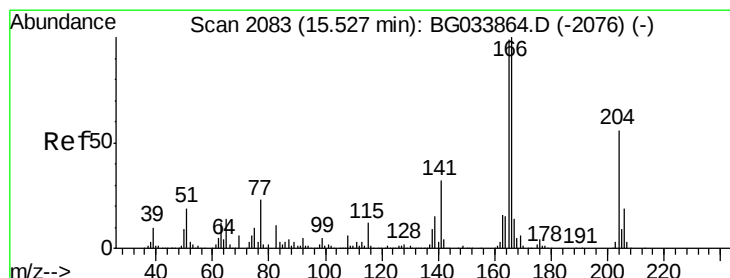
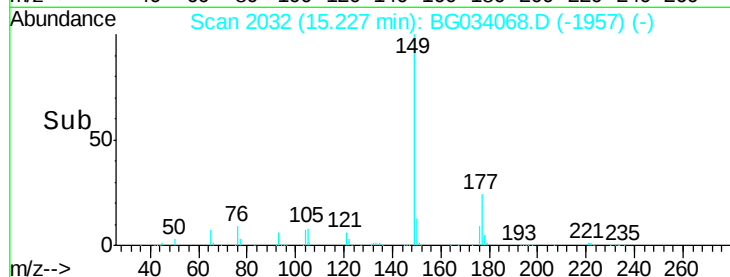
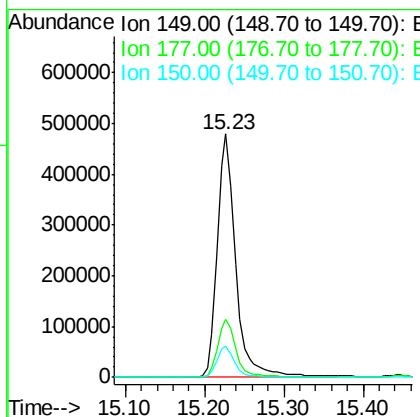
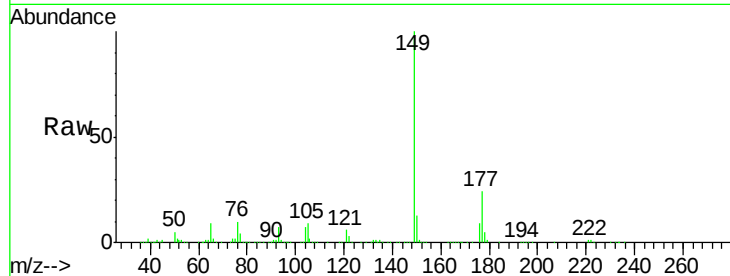
#59
Diethylphthalate
Concen: 41.951 ng
RT: 15.23 min Scan# 2032
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	13.0	10.2	15.2

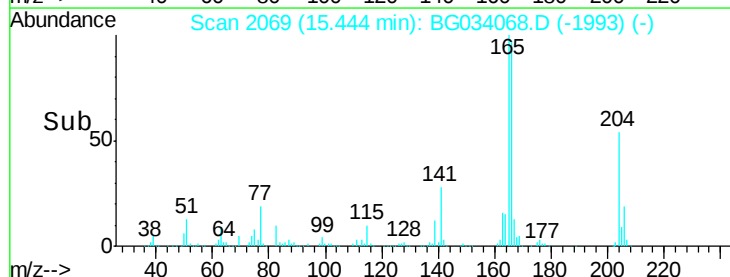
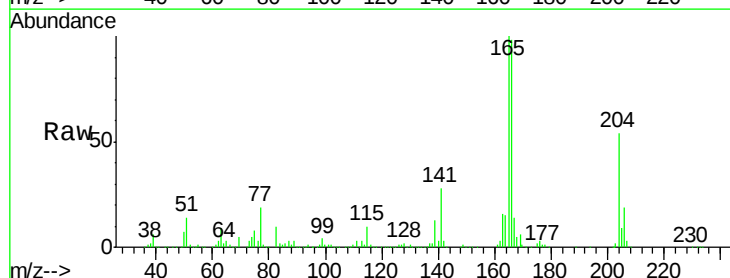
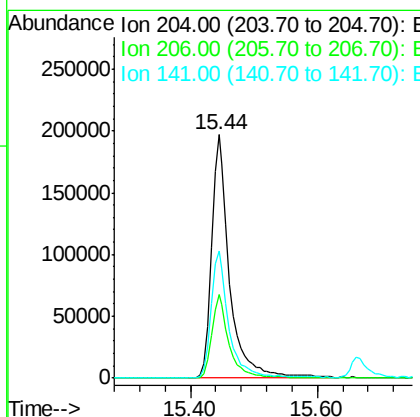
Manual Integrations
APPROVED

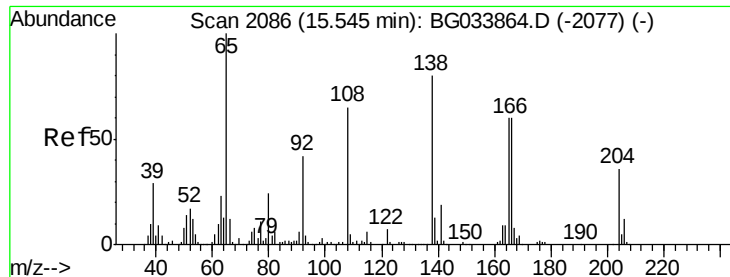
Sohil
4/30/2018 7:03:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.299 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	52.3	45.8	68.6





#61

4-Nitroaniline

Concen: 31.995 ng/mL

RT: 15.53 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampled :

PB108633BS

Tot Ion: 138 Resp: 122426
Ion Ratio Lower Upper

138 100

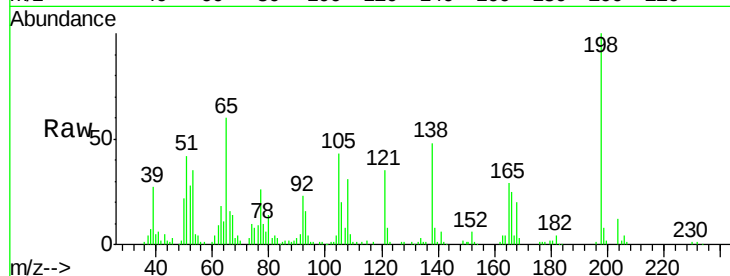
92 47.1 40.1 80.1

108 63.7 65.4 105.4#

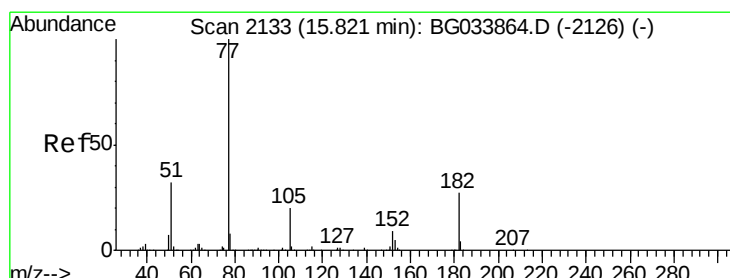
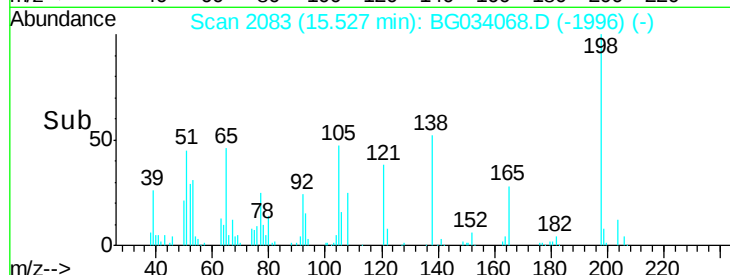
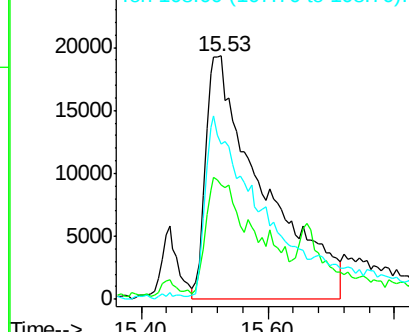
Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.758 ng/mL

RT: 15.74 min Scan# 2119

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion: 77 Resp: 606560
Ion Ratio Lower Upper

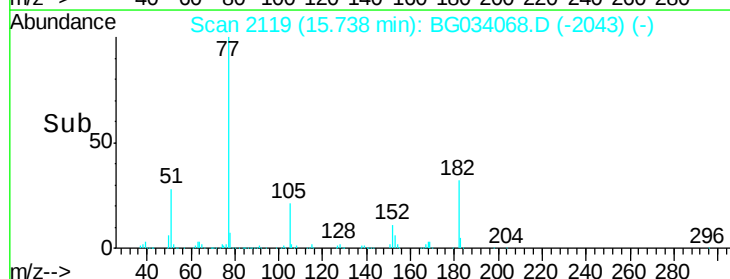
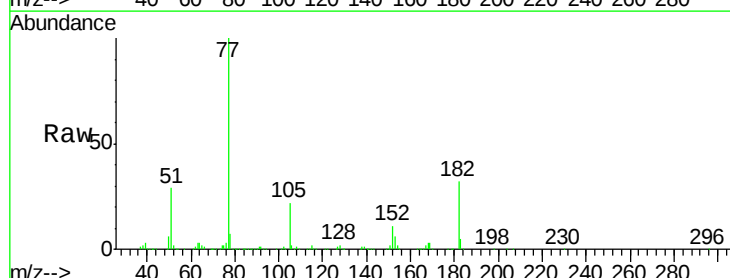
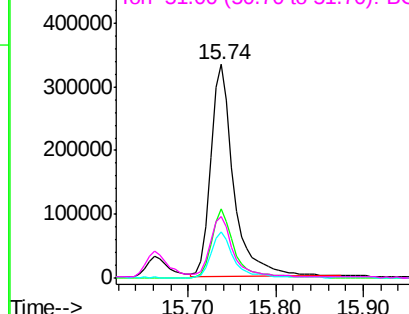
77 100

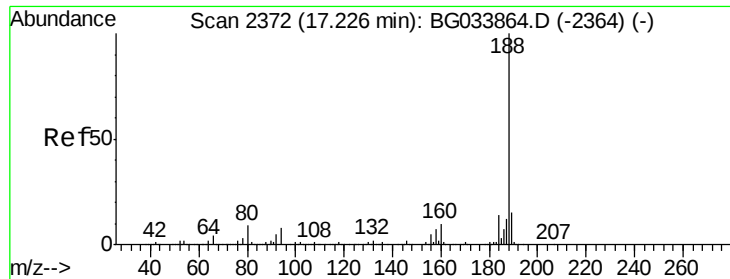
182 32.2 7.4 47.4

105 21.6 0.3 40.3

51 28.7 11.6 51.6

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

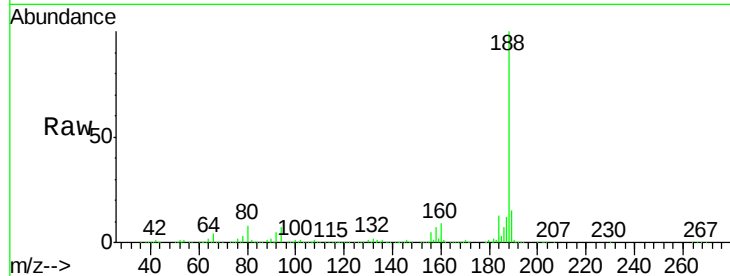
ClientSampleId :

PB108633BS

Tot Ion:	188	Resp:	536235
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	8.1	7.7	11.5

Manual Integrations
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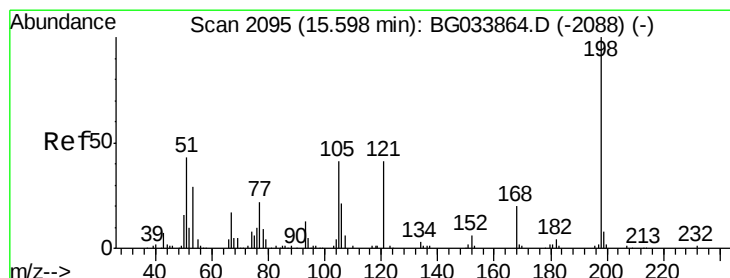
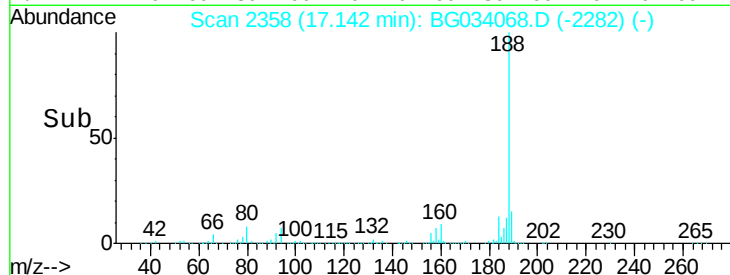
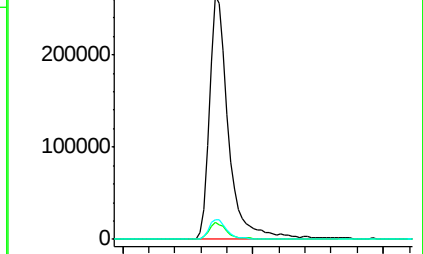
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.280 ng

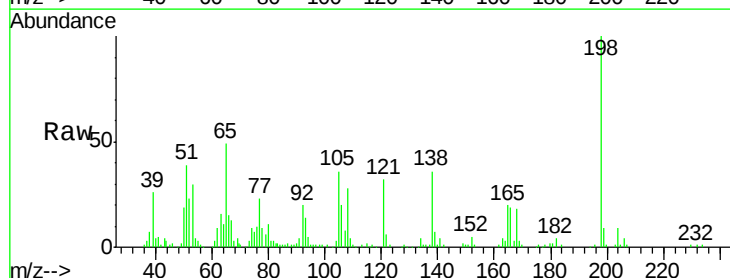
RT: 15.53 min Scan# 2084

Delta R.T. -0.07 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

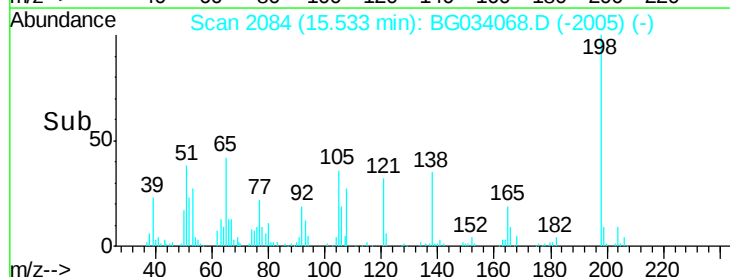
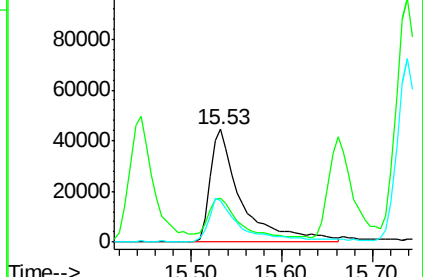
Tgt Ion:	198	Resp:	106864
Ion Ratio	Lower	Upper	
198	100		
51	38.6	30.6	70.6
105	36.5	23.8	63.8

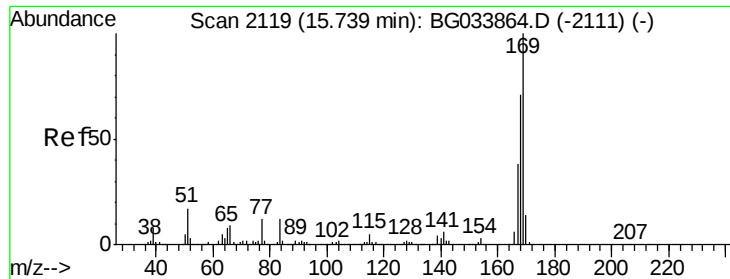


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





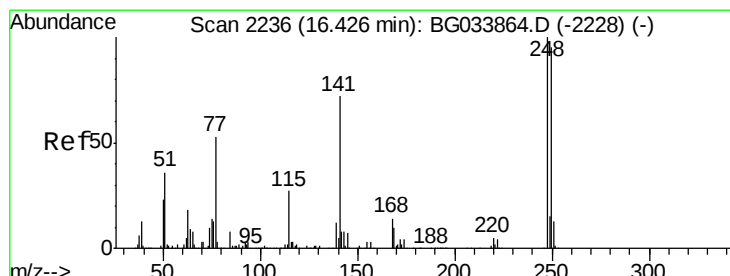
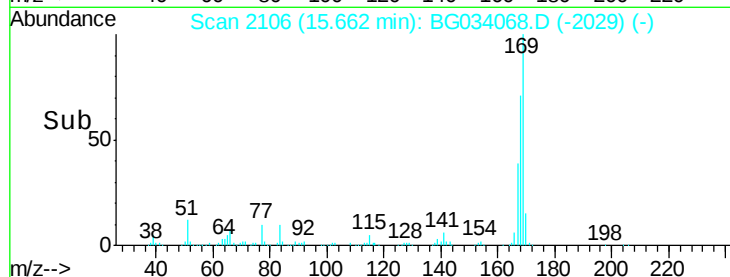
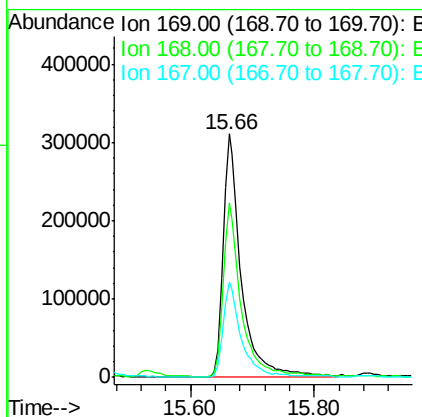
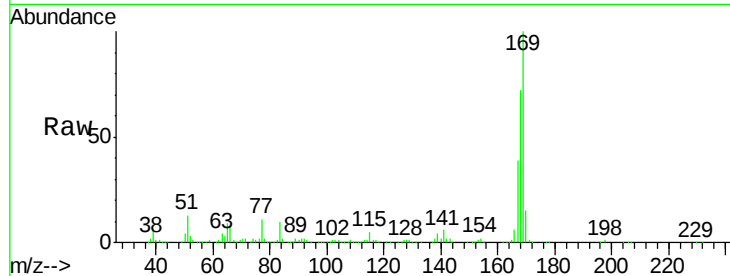
#65
 n-Nitrosodiphenylamine
 Concen: 40.896 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	637575		
168	71.5		55.7	83.5
167	39.3		30.1	45.1

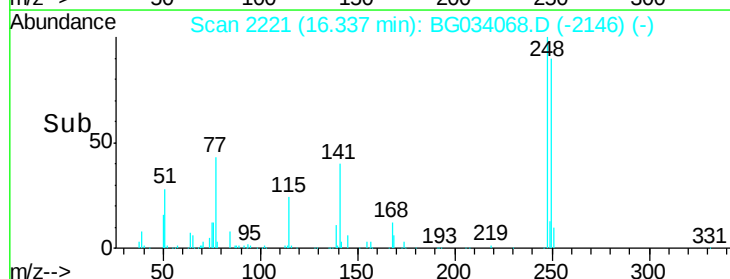
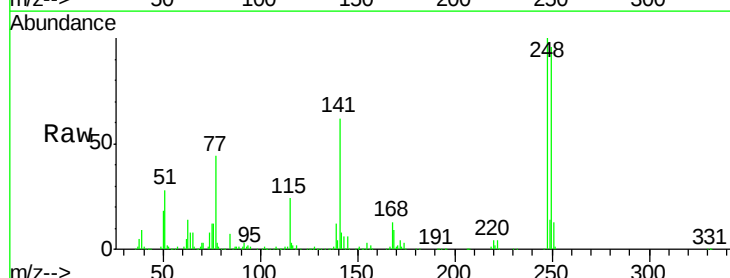
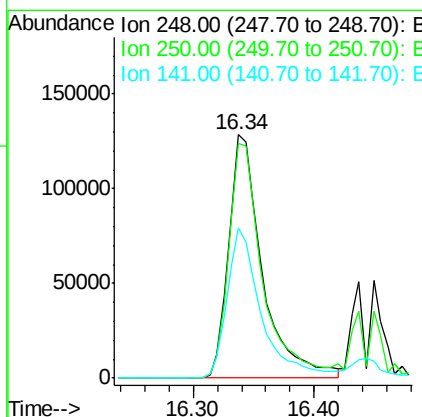
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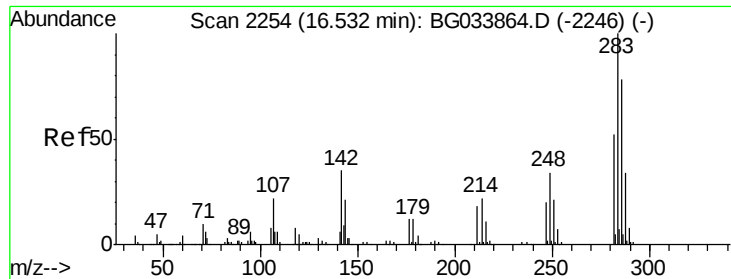
Sohil
 4/30/2018 7:03:43 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.428 ng
 RT: 16.34 min Scan# 2221
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	249860		
250	96.4		77.1	115.7
141	61.8		50.8	76.2





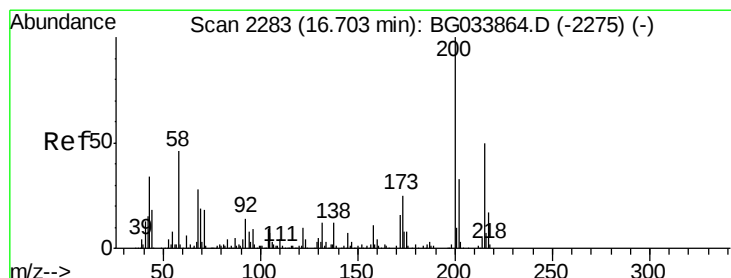
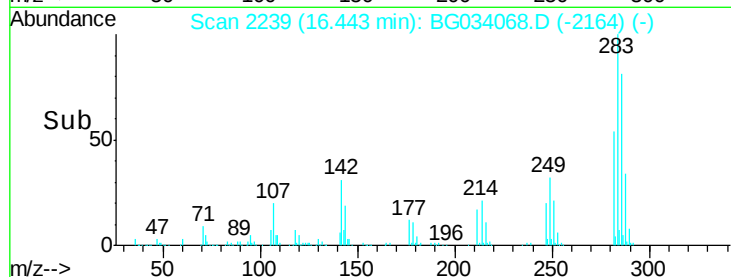
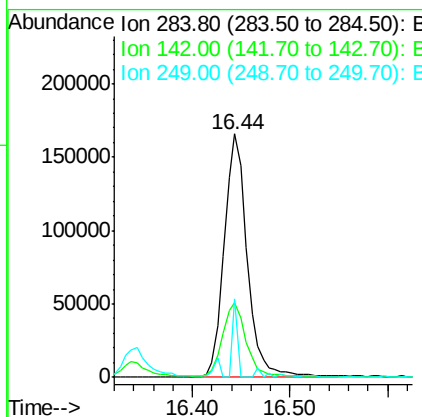
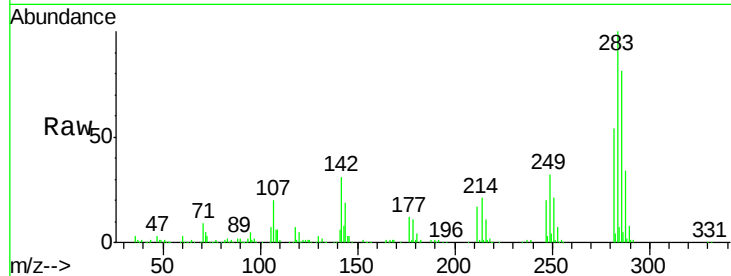
#67
Hexachlorobenzene
Concen: 43.509 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.9	26.8	40.2	
249	32.1	26.3	39.5	

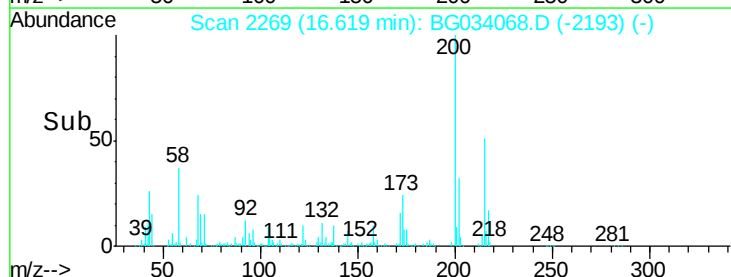
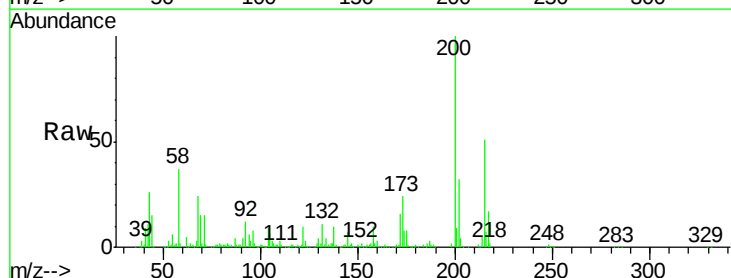
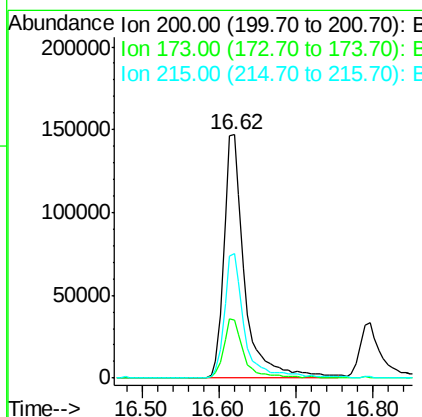
Manual Integrations
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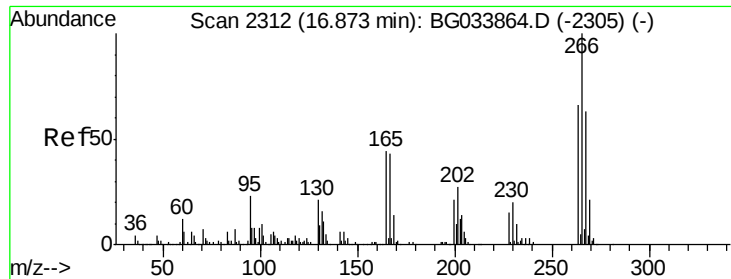
Sohil
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#68
Atrazine
Concen: 44.957 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	5.2	45.2	
215	51.2	30.4	70.4	





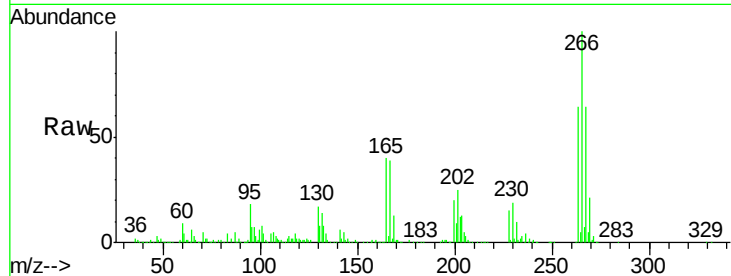
#69
 Pentachlorophenol
 Concen: 76.390 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.6	51.1	76.7#
264	69.2	49.6	74.4

Manual Integrations
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 4/30/2018 7:03:43 PM

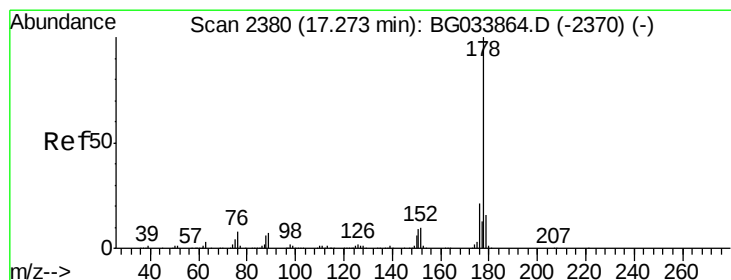
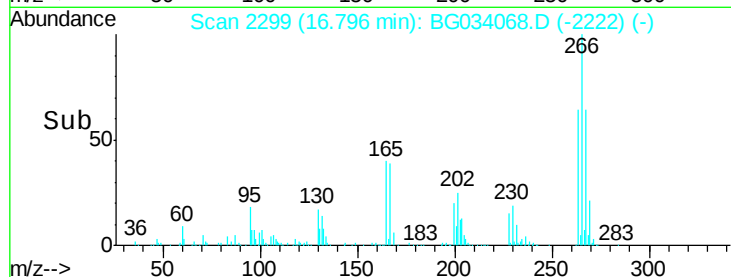
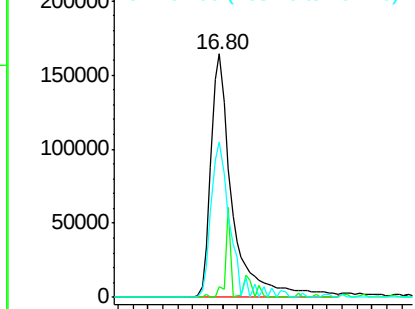


Abundance

Ion 265.70 (265.40 to 266.40): E

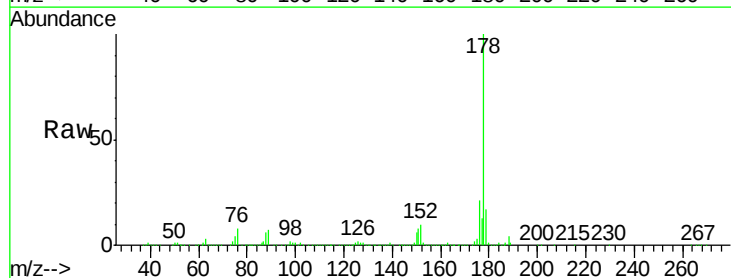
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.795 ng
 RT: 17.18 min Scan# 2365
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.6	12.5	18.7

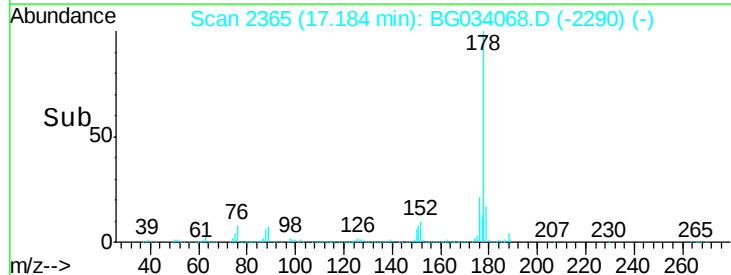
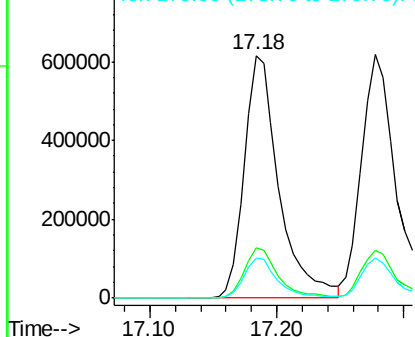


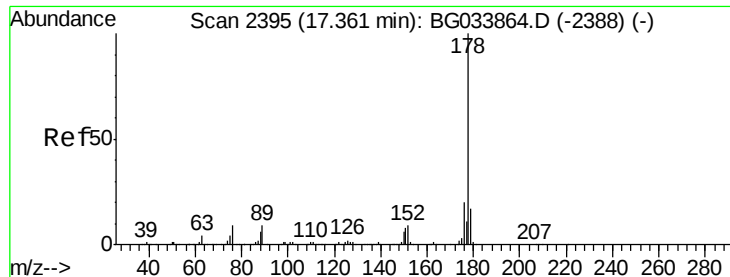
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





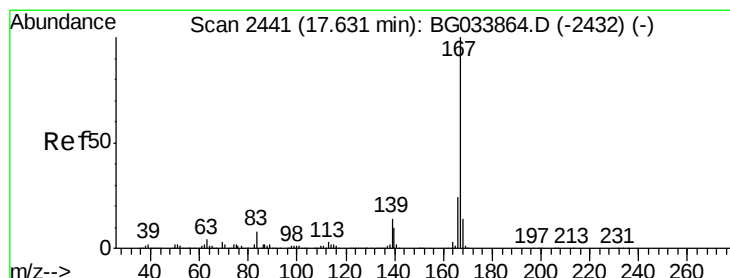
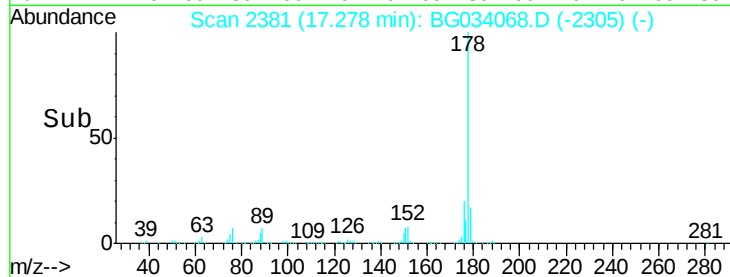
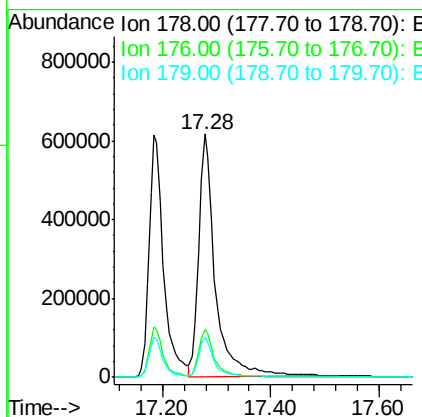
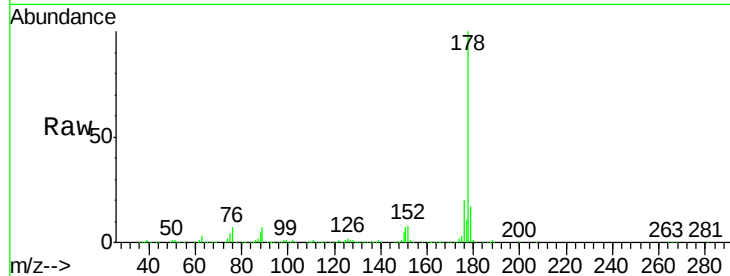
#71
 Anthracene
 Concen: 45.347 ng
 RT: 17.28 min Scan# 2381
 Delta R.T. -0.08 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	16.0	24.0	
179	16.7	12.5	18.7	

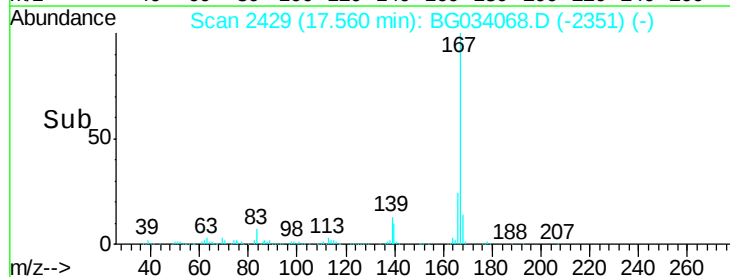
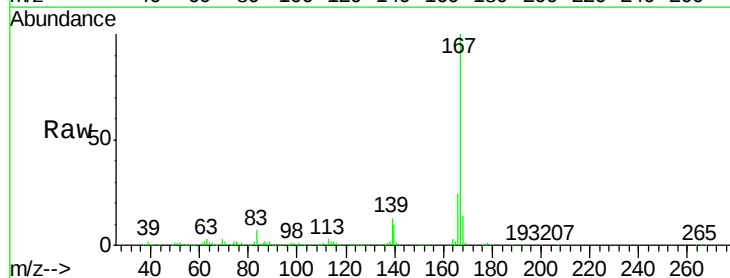
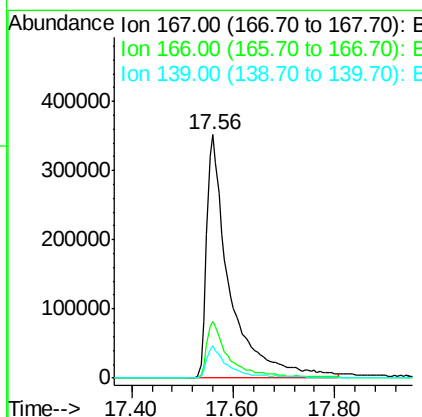
Manual Integrations
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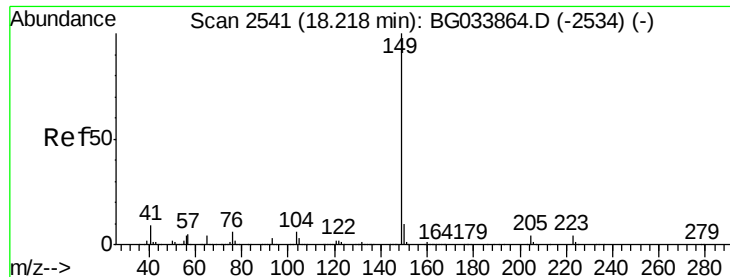
Sohil
 4/30/2018 7:03:43 PM



#72
 Carbazole
 Concen: 40.119 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.07 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.5	18.2	27.4	
139	13.3	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 39.782 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.09 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB108633BS

Tot Ion:149 Resp: 1373537

Ion Ratio Lower Upper

149 100

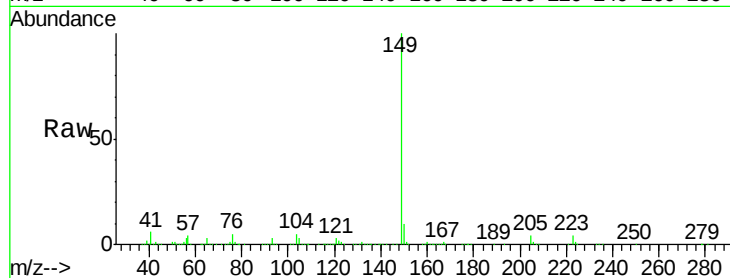
150 10.1 7.8 11.6

104 5.3 3.9 5.9

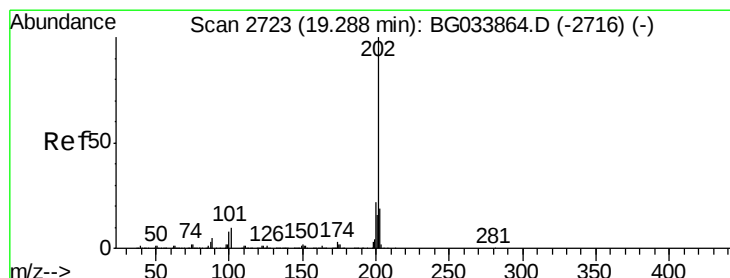
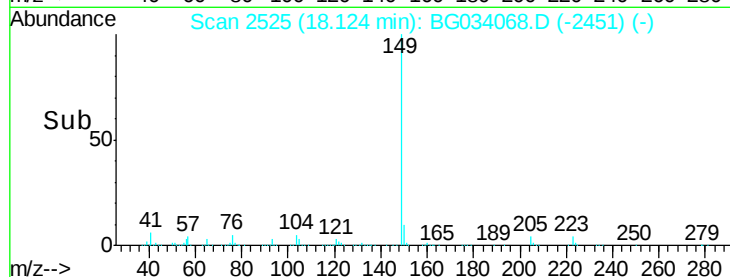
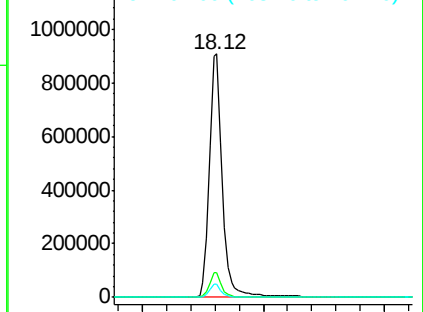
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.587 ng

RT: 19.20 min Scan# 2709

Delta R.T. -0.08 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

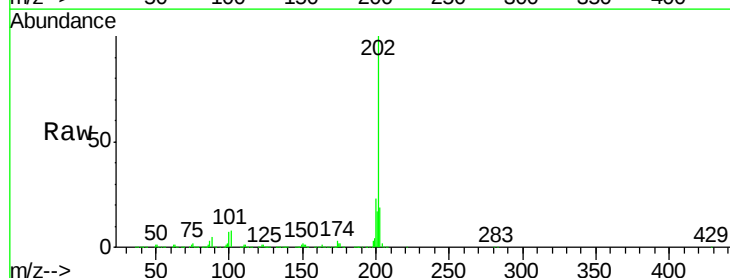
Tgt Ion:202 Resp: 1551530

Ion Ratio Lower Upper

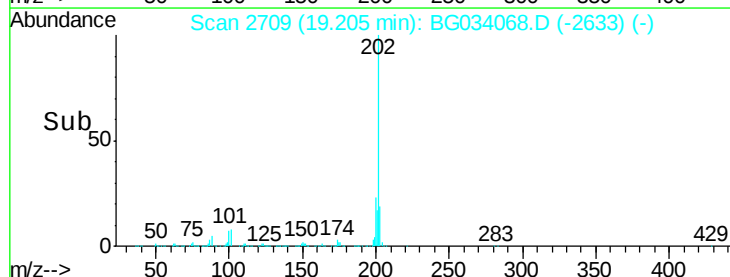
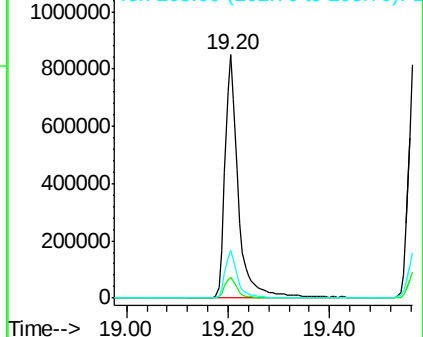
202 100

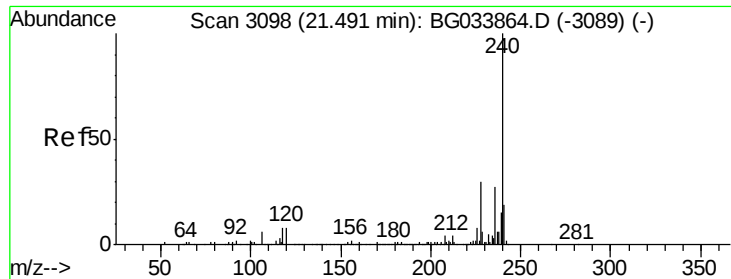
101 8.4 0.0 28.9

203 19.5 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

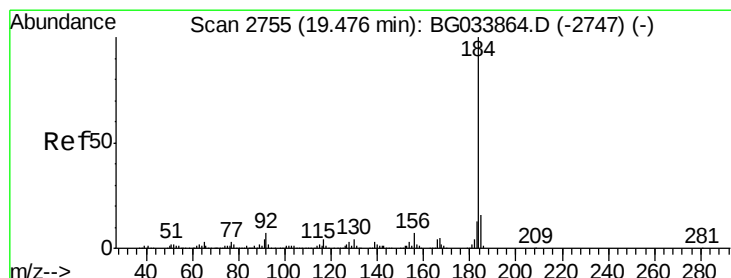
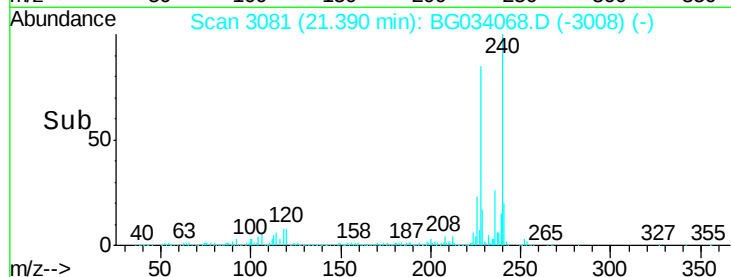
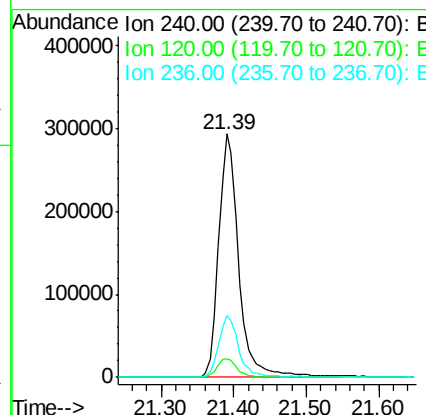
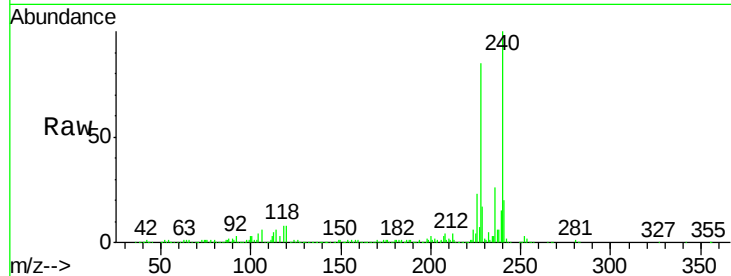
ClientSampleId :

PB108633BS

Tot Ion:	240	Resp:	561896
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 11.550 ng

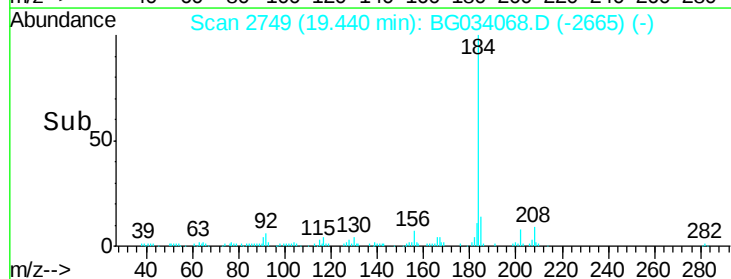
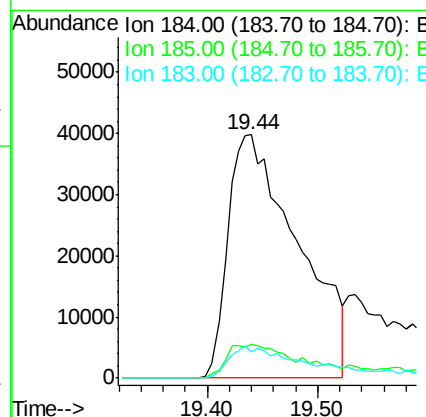
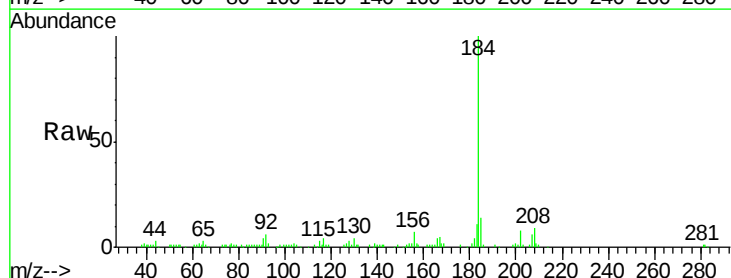
RT: 19.44 min Scan# 2749

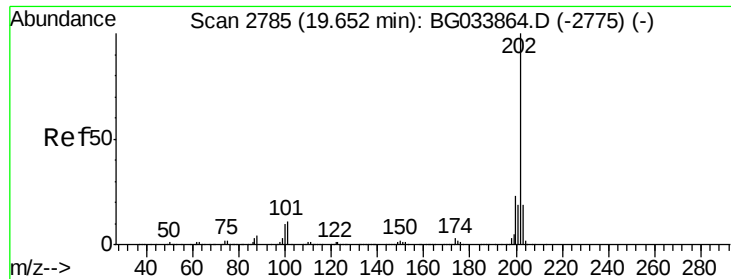
Delta R.T. -0.04 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Tgt Ion:	184	Resp:	175250
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	10.6	10.6	16.0#





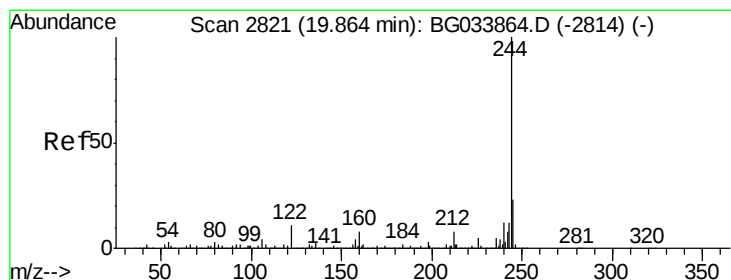
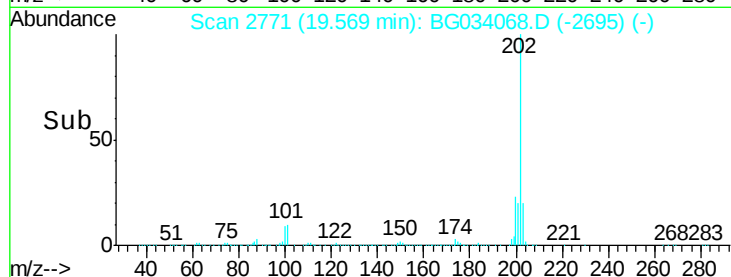
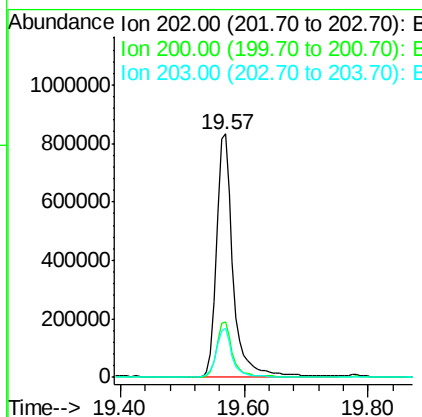
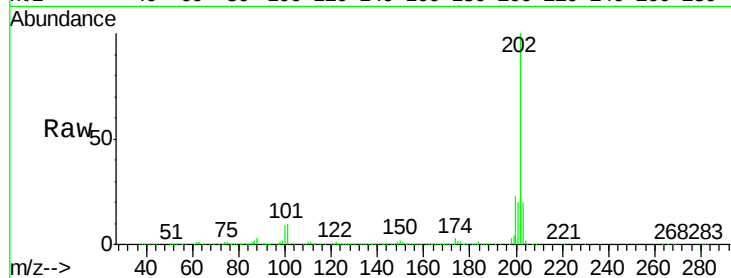
#77
Pvrene
Concen: 41.290 ng
RT: 19.57 min Scan# 2771
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	20.2	13.9	20.9

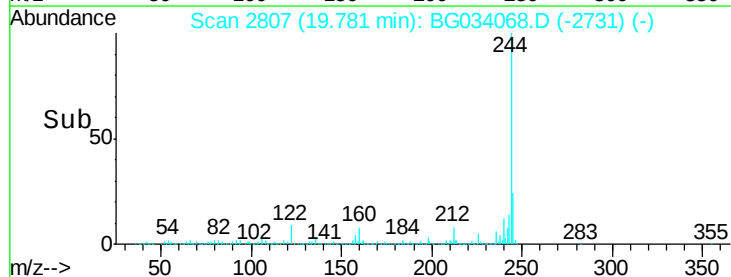
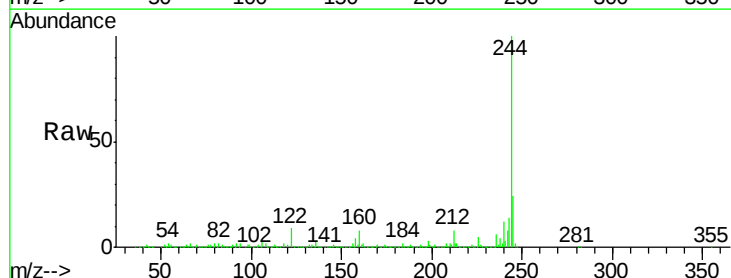
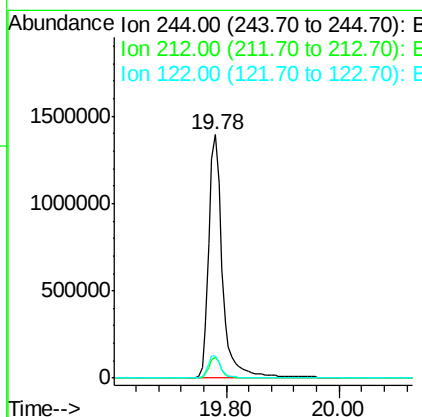
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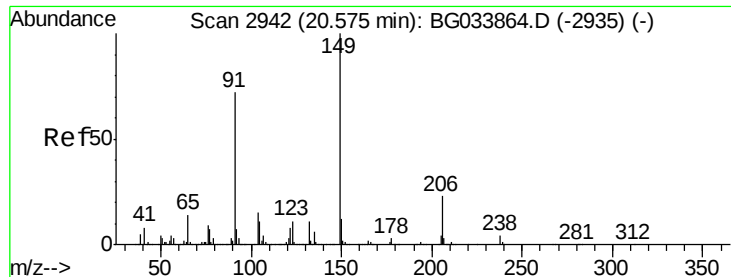
Sohil
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#78
Terphenyl-d14
Concen: 94.363 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.4	7.0	10.4





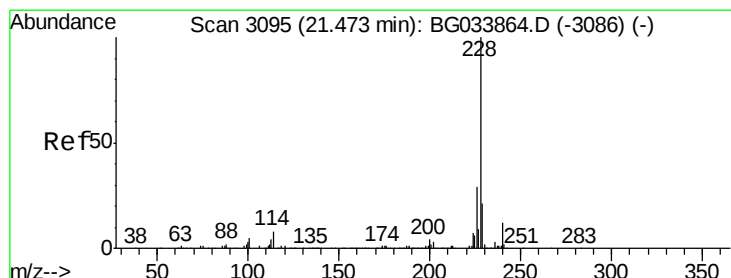
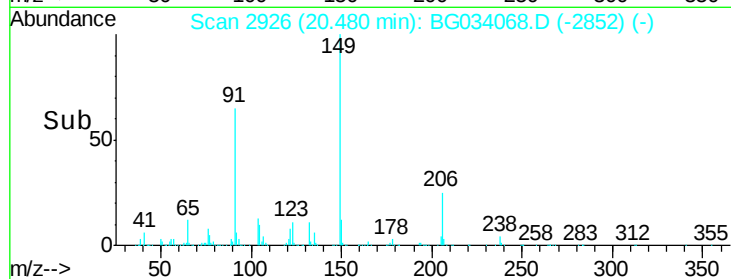
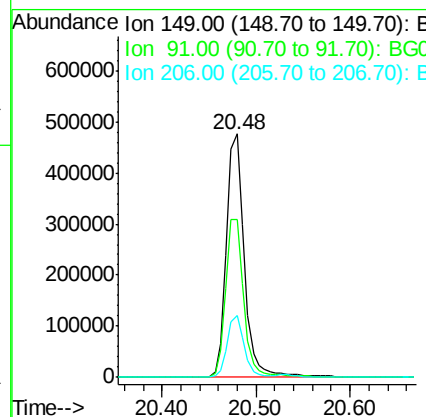
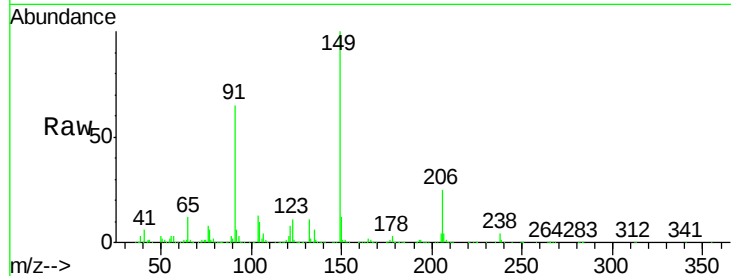
#79
Butylbenzylphthalate
Concen: 39.438 ng
RT: 20.48 min Scan# 2926
Delta R.T. -0.09 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	62.2	93.2
206	25.3	18.6	27.8

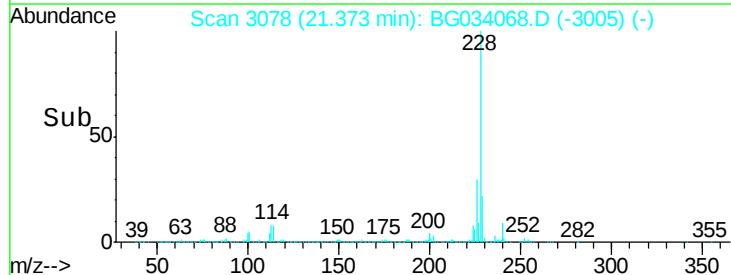
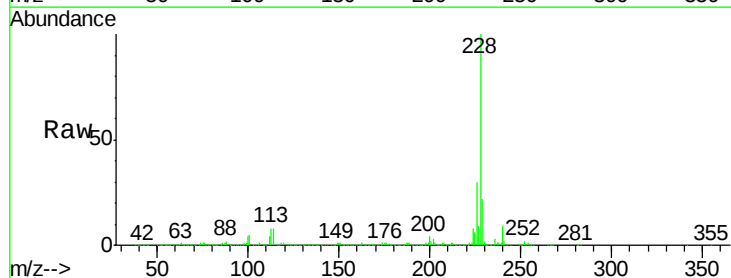
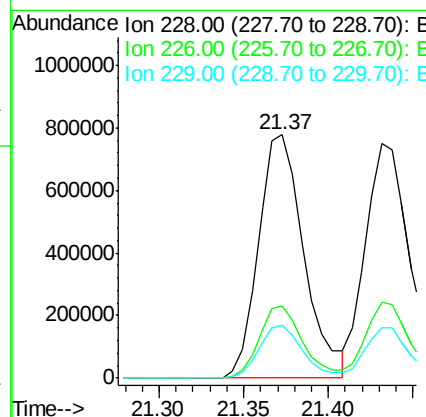
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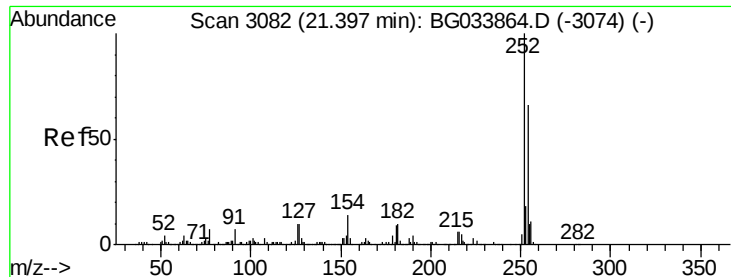
Sohil
4/30/2018 7:03:43 PM



#80
Benzo(a)anthracene
Concen: 40.938 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.10 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	22.0	16.2	24.2





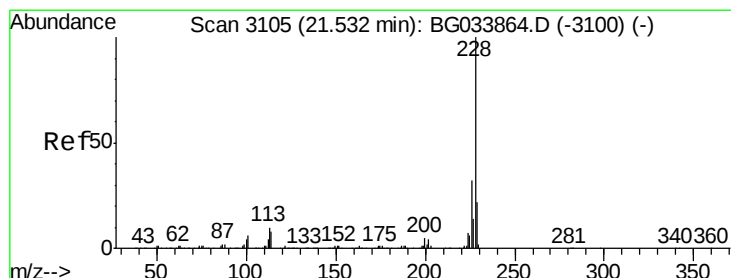
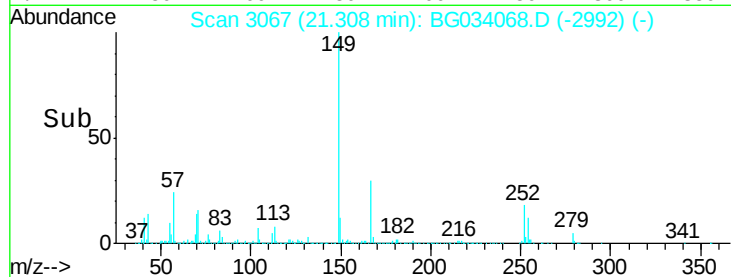
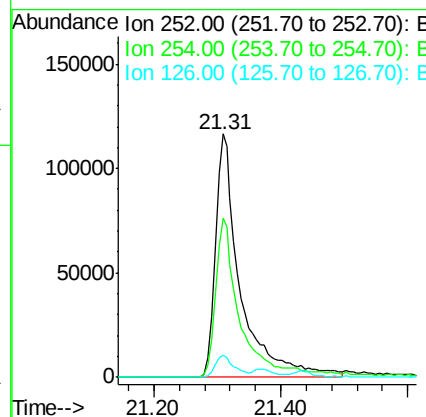
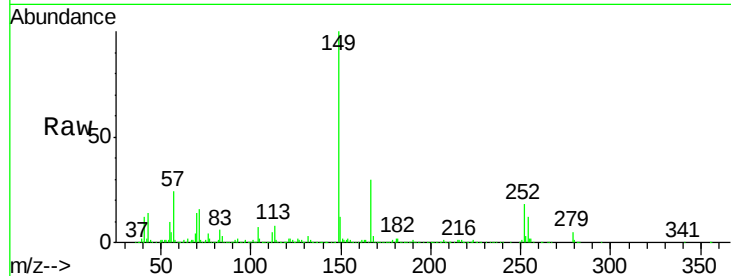
#81
 3,3'-Dichlorobenzidine
 Concen: 24.206 ng
 RT: 21.31 min Scan# 3067
 Delta R.T. -0.09 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	8.9	7.4	11.2

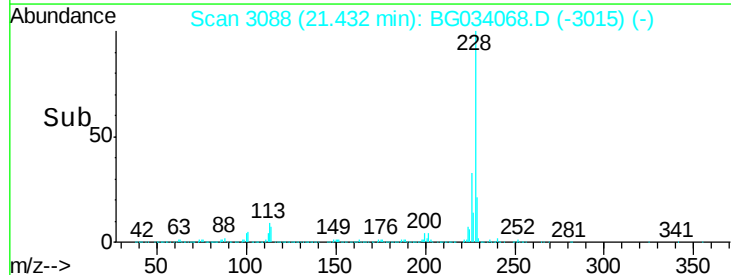
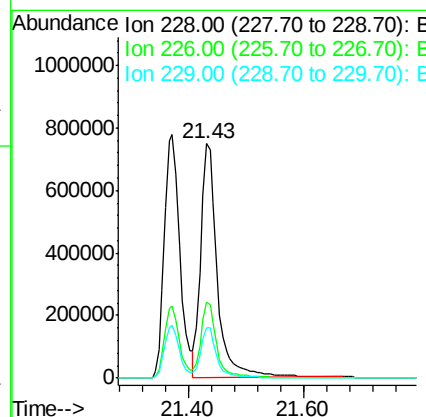
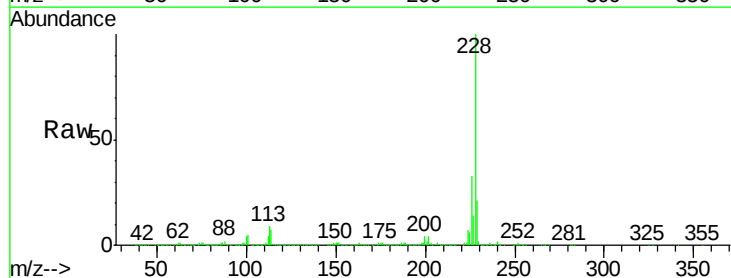
Manual Integrations
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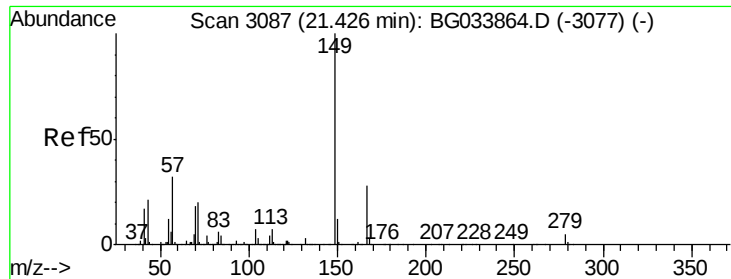
Sohil
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#82
 Chrysene
 Concen: 44.638 ng
 RT: 21.43 min Scan# 3088
 Delta R.T. -0.10 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.4	15.0	22.4





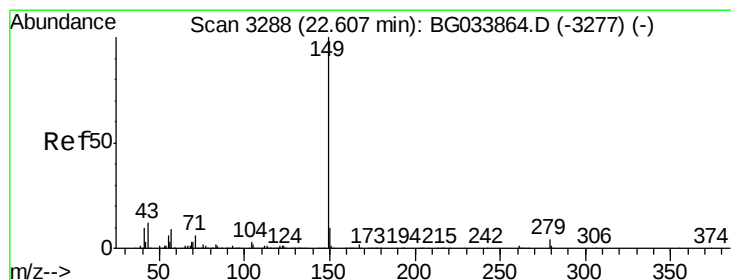
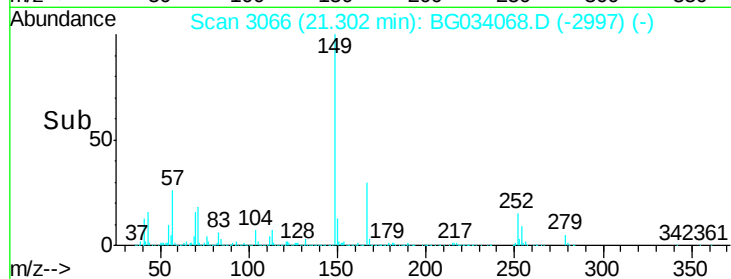
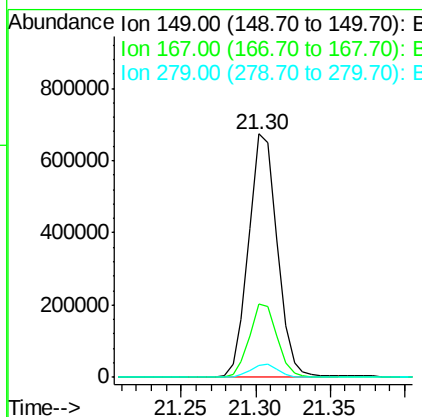
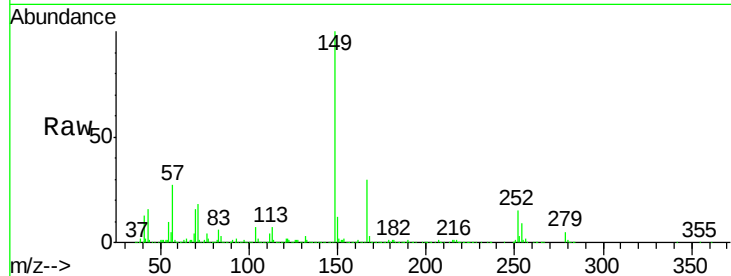
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.057 ng
 RT: 21.30 min Scan# 3066
 Delta R.T. -0.12 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	4.8	4.0	6.0

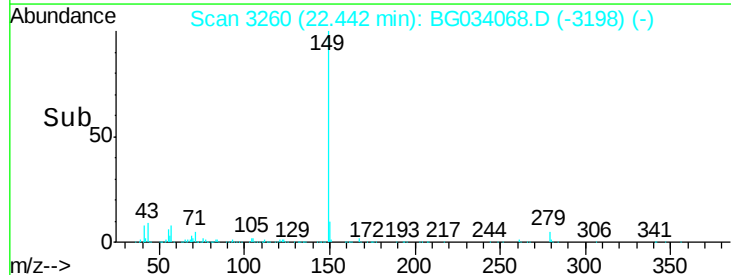
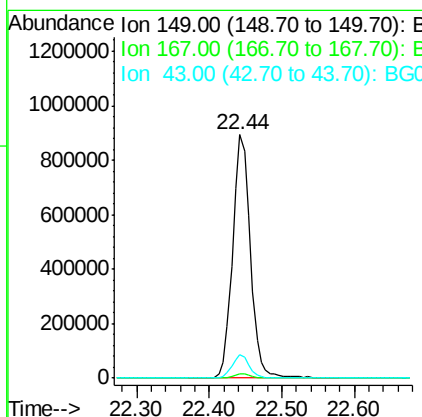
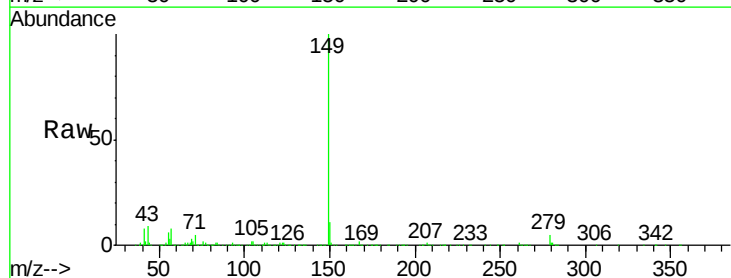
Manual Integrations
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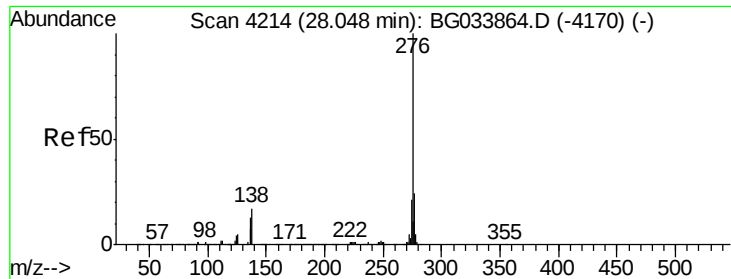
Sohil
 4/30/2018 7:03:43 PM



#84
 Di-n-octyl phthalate
 Concen: 42.024 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.17 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.1	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.623 ng

RT: 27.77 min Scan# 4167

Delta R.T. -0.28 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB108633BS

Tot Ion:276 Resp: 1680096

Ion Ratio Lower Upper

276 100

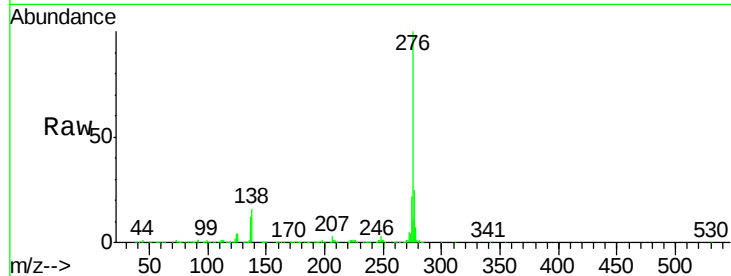
138 11.2 16.0 24.0#

277 25.7 20.0 30.0

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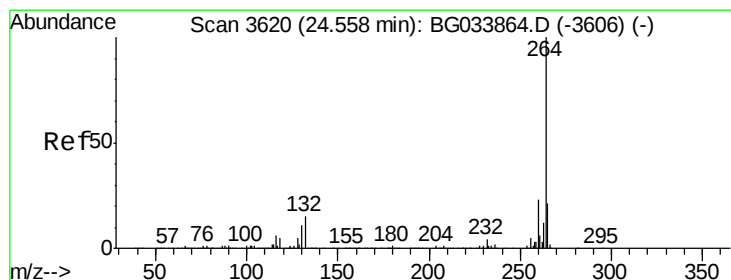
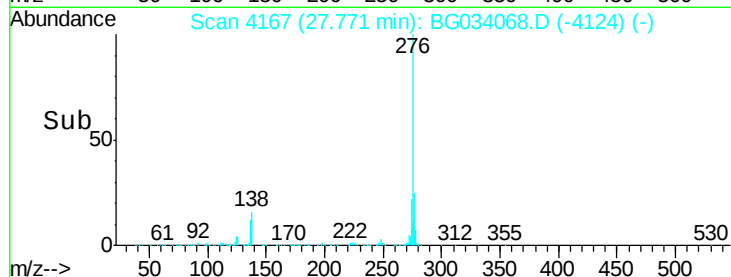
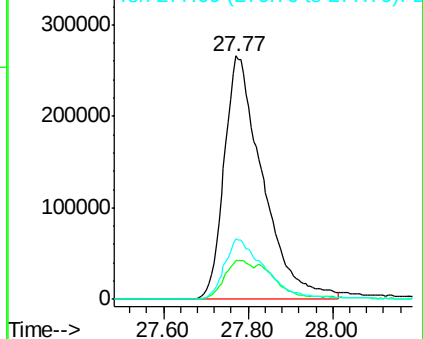
4/30/2018 7:03:43 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.39 min Scan# 3591

Delta R.T. -0.17 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

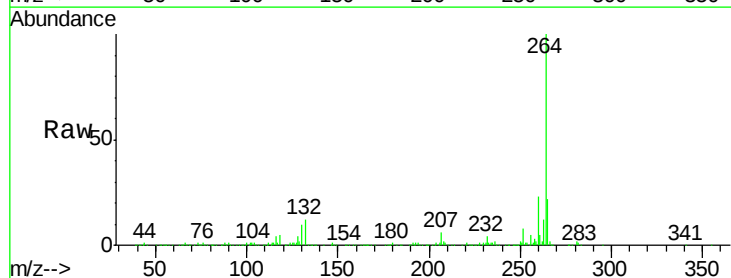
Tgt Ion:264 Resp: 572483

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

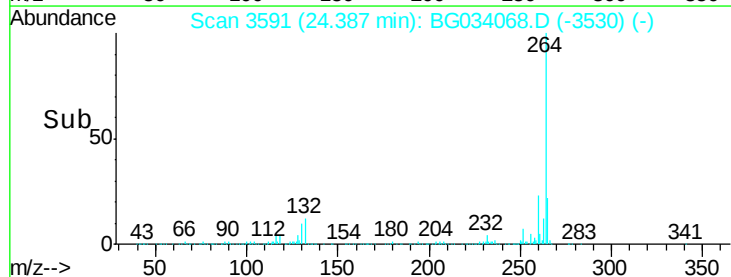
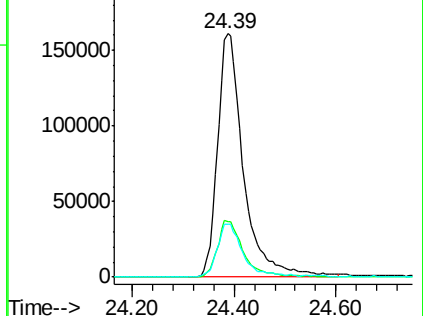
265 21.7 17.7 26.5

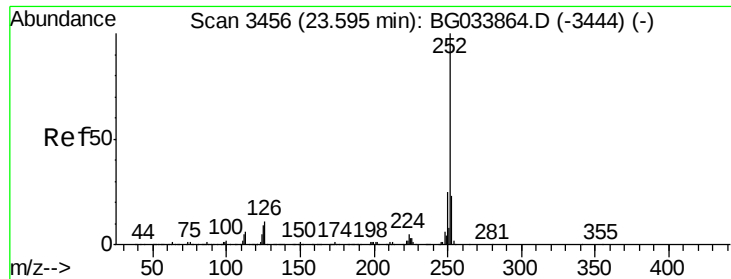


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.647 ng

RT: 23.44 min Scan# 3430

Delta R.T. -0.15 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB108633BS

Tot Ion:252 Resp: 1384645

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

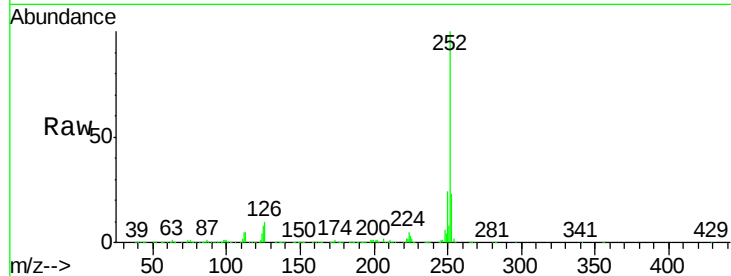
125 8.0 7.2 10.8

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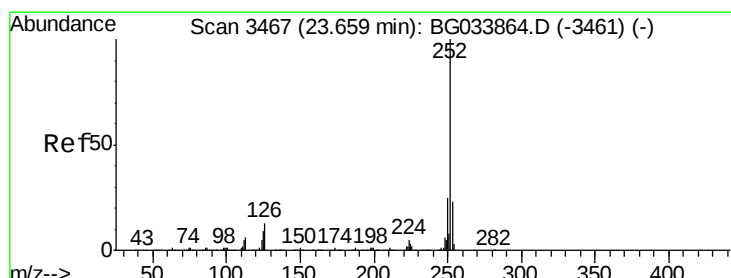
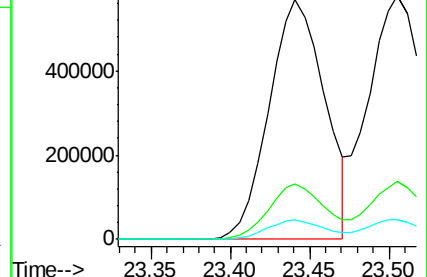
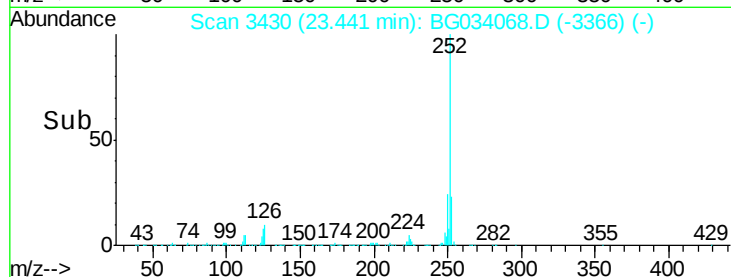
4/30/2018 7:03:43 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.968 ng

RT: 23.51 min Scan# 3441

Delta R.T. -0.15 min

Lab File: BG034068.D

Acq: 28 Apr 2018 10:50

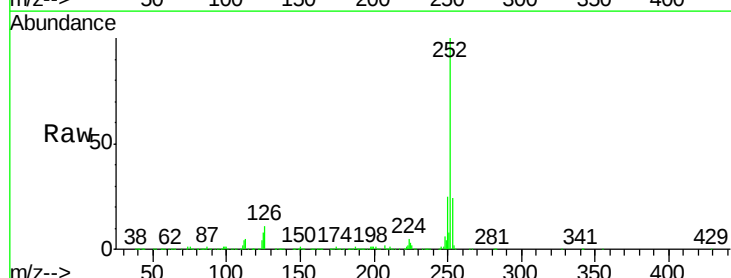
Tgt Ion:252 Resp: 1560026

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

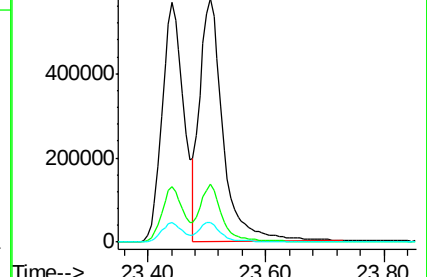
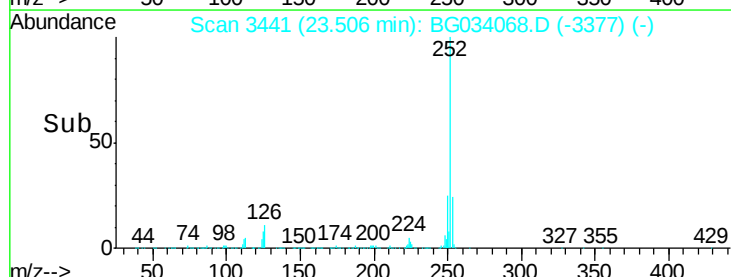
125 7.8 6.6 9.8

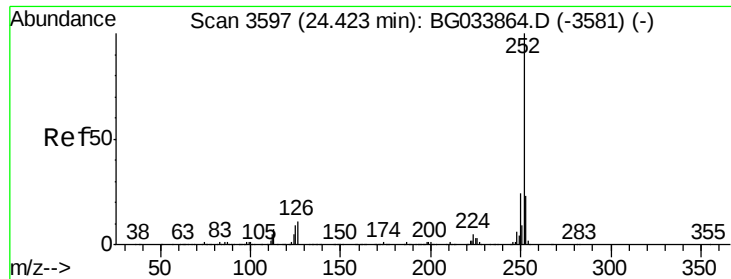


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





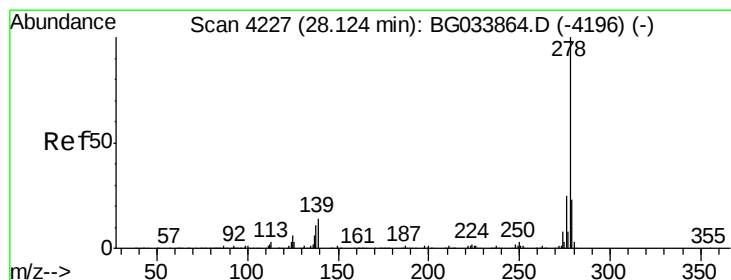
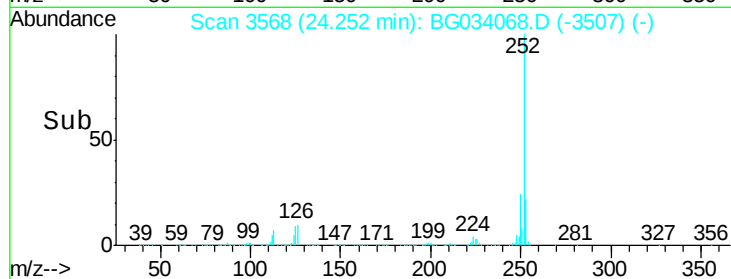
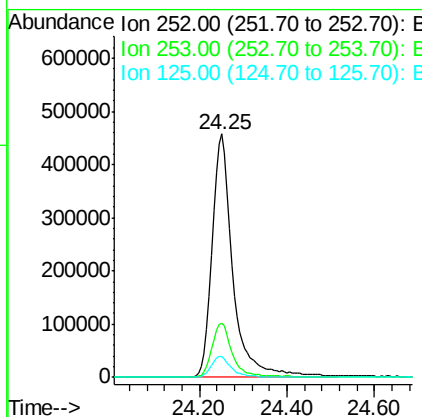
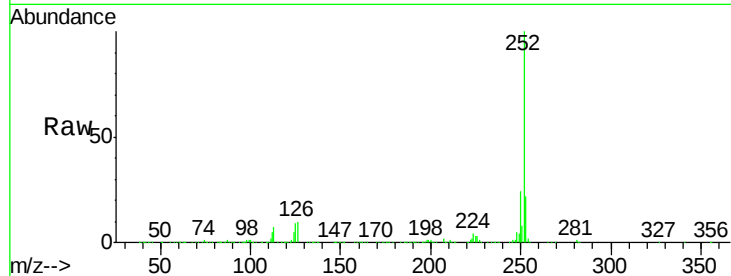
#89
Benzo(a)pyrene
Concen: 45.043 ng
RT: 24.25 min Scan# 3568
Delta R.T. -0.17 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	8.8	7.3	10.9

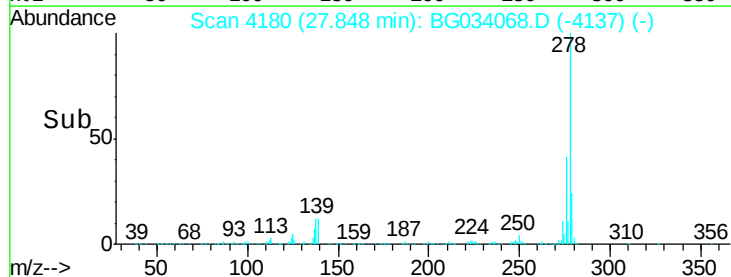
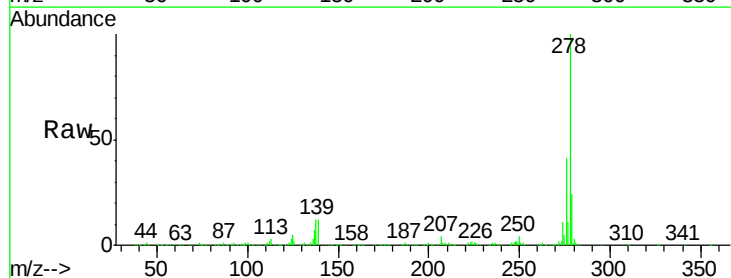
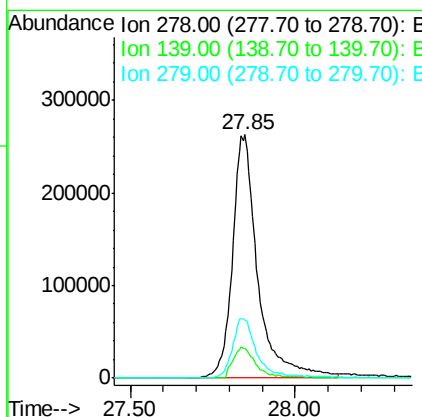
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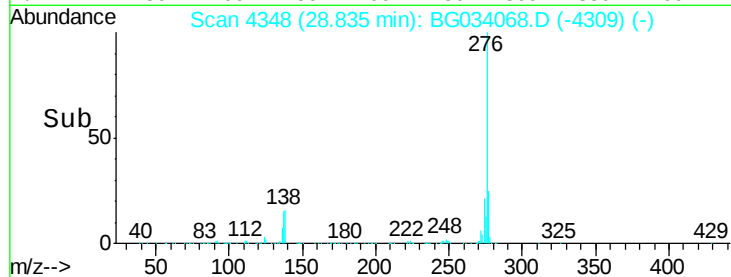
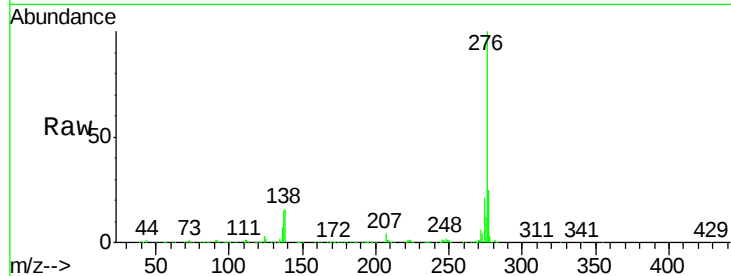
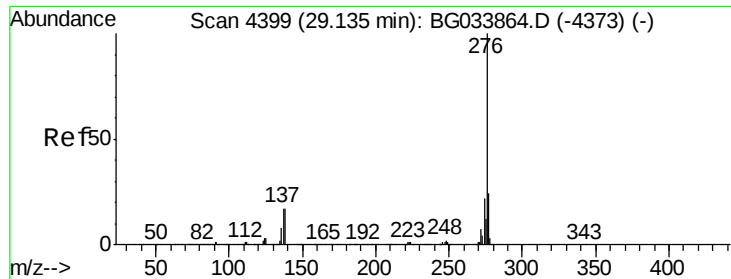
Sohil
4/30/2018 7:03:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.612 ng
RT: 27.85 min Scan# 4180
Delta R.T. -0.28 min
Lab File: BG034068.D
Acq: 28 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.6
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.008 ng
 RT: 28.83 min Scan# 4348
 Delta R.T. -0.30 min
 Lab File: BG034068.D
 Acq: 28 Apr 2018 10:50

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	16.0	13.9	20.9

Instrument :
 BNA_G
 ClientSampleId :
 PB108633BS

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:43 PM

