

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
 Data File : BG037512.D
 Acq On : 24 Oct 2018 15:30
 Operator : JU/SJ
 Sample : PB114123BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Manual Integrations
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 10/25/2018 2:12:57 PM

Quant Time: Oct 25 08:06:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	72482	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344795	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228415	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	546489	20.00	ng	0.00
76) Chrysene-d12	21.77	240	479967	20.00	ng	0.00
87) Perylene-d12	25.11	264	492706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	656486	151.42	ng	0.00
7) Phenol-d6	7.26	99	909381	138.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	475134	77.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	335565	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1127263	74.42	ng	0.00
79) Terphenyl-d14	20.08	244	1355018	60.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	56963	25.909	ng	97
3) Pyridine	3.93	79	155558	28.072	ng	94
4) n-Nitrosodimethylamine	3.85	42	90947	46.077	ng	# 92
6) Aniline	7.43	93	302815	37.864	ng	97
8) 2-Chlorophenol	7.67	128	233459	46.031	ng	97
9) Benzaldehyde	7.25	77	117230	28.587	ng	96
10) Phenol	7.28	94	318067	45.984	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	213545	40.649	ng	95
12) 1,3-Dichlorobenzene	7.99	146	219572	38.888	ng	98
13) 1,4-Dichlorobenzene	8.14	146	226469	39.211	ng	99
14) 1,2-Dichlorobenzene	8.46	146	220771	39.737	ng	99
15) Benzyl Alcohol	8.34	79	216786	44.754	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	398985	42.446	ng	97
17) 2-Methylphenol	8.54	107	215574	47.141	ng	98
18) Hexachloroethane	9.19	117	82026	41.658	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	182584	40.445	ng	96
20) 3+4-Methylphenols	8.87	107	302375	46.248	ng	99
22) Acetophenone	8.94	105	345875	39.998	ng	98
24) Nitrobenzene	9.33	77	265139	41.466	ng	94
25) Isophorone	9.84	82	516540	45.930	ng	98
26) 2-Nitrophenol	10.04	139	130484	45.299	ng	97
27) 2,4-Dimethylphenol	10.08	122	257055	49.981	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	312723	42.442	ng	98
29) 2,4-Dichlorophenol	10.57	162	251469	43.915	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	245066	39.354	ng	96
31) Naphthalene	10.98	128	713961	42.158	ng	99
32) Benzoic acid	10.22	122	180395	54.003	ng	100
33) 4-Chloroaniline	11.09	127	208010	26.141	ng	96
34) Hexachlorobutadiene	11.24	225	140062	37.950	ng	99
35) Caprolactam	11.89	113	99190m	43.190	ng	
36) 4-Chloro-3-methylphenol	12.19	107	281373	43.570	ng	99
37) 2-Methylnaphthalene	12.57	142	548822	44.456	ng	100
38) 1-Methylnaphthalene	12.79	142	519618	43.341	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	280570	38.081	ng	99

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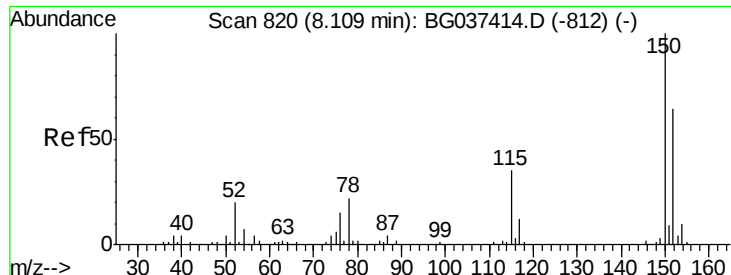
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	324096	92.090	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	215865	43.855	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	234947	43.841	ng	97
46) 1,1'-Biphenyl	13.57	154	709337	37.498	ng	98
47) 2-Chloronaphthalene	13.62	162	558585	39.031	ng	99
48) 2-Nitroaniline	13.83	65	193573	44.603	ng	96
49) Acenaphthylene	14.47	152	921792	42.818	ng	99
50) Dimethylphthalate	14.19	163	737738	41.749	ng	99
51) 2,6-Dinitrotoluene	14.32	165	169791	43.435	ng	94
52) Acenaphthene	14.81	154	541948	40.876	ng	99
53) 3-Nitroaniline	14.65	138	152728	35.194	ng #	95
54) 2,4-Dinitrophenol	14.85	184	147826	83.086	ng	97
55) Dibenzofuran	15.14	168	865149	39.384	ng	98
56) 4-Nitrophenol	14.95	139	298901	93.052	ng	100
57) 2,4-Dinitrotoluene	15.10	165	237355	46.256	ng	97
58) Fluorene	15.78	166	705962	42.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	209023	45.554	ng	99
60) Diethylphthalate	15.55	149	762332	42.021	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	373209	38.924	ng	99
62) 4-Nitroaniline	15.82	138	189832	44.023	ng	94
63) Azobenzene	16.06	77	713902	41.244	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	122290	43.593	ng	99
66) n-Nitrosodiphenylamine	15.99	169	652105	39.669	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	236158	39.351	ng	99
68) Hexachlorobenzene	16.78	284	238326	38.317	ng	96
69) Atrazine	16.93	200	251599	42.333	ng	100
70) Pentachlorophenol	17.13	266	303774	72.913	ng	96
71) Phenanthrene	17.53	178	1146965	41.296	ng	98
72) Anthracene	17.62	178	1167708	42.841	ng	94
73) Carbazole	17.89	167	1080675	39.636	ng	99
74) Di-n-butylphthalate	18.43	149	1279715	42.194	ng	99
75) Fluoranthene	19.53	202	1329847	42.216	ng	97
77) Benzidine	19.72	184	666656	40.849	ng	100
78) Pyrene	19.90	202	1268949	40.443	ng	98
80) Butylbenzylphthalate	20.77	149	592149	46.114	ng	99
81) Benzo(a)anthracene	21.75	228	1224004	43.114	ng	96
82) 3,3'-Dichlorobenzidine	21.66	252	358673	32.595	ng	100
83) Chrysene	21.82	228	1147501	42.035	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	814157	45.232	ng	98
85) Di-n-octyl phthalate	22.87	149	1378013	46.949	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1332792	45.520	ng	99
88) Benzo(b)fluoranthene	24.04	252	1220075	45.168	ng	98
89) Benzo(k)fluoranthene	24.11	252	1163240m	43.955	ng	
90) Benzo(a)pyrene	24.95	252	1189291	46.334	ng	99
91) Dibenzo(a,h)anthracene	29.01	278	1093303	46.177	ng	98
92) Benzo(g,h,i)perylene	30.15	276	1090463	45.524	ng	97

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



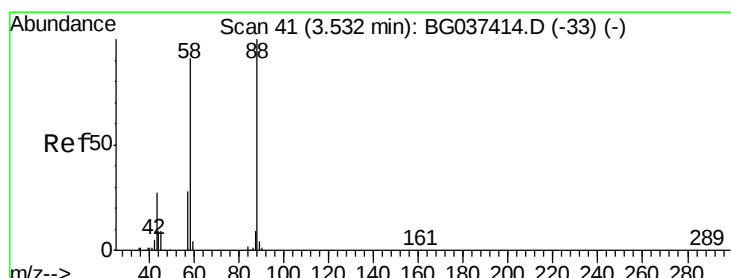
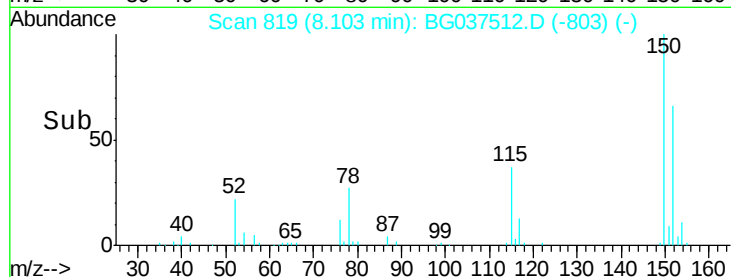
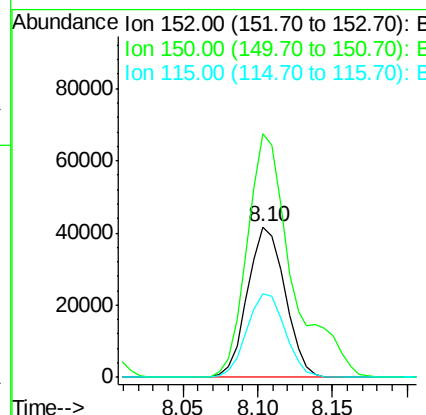
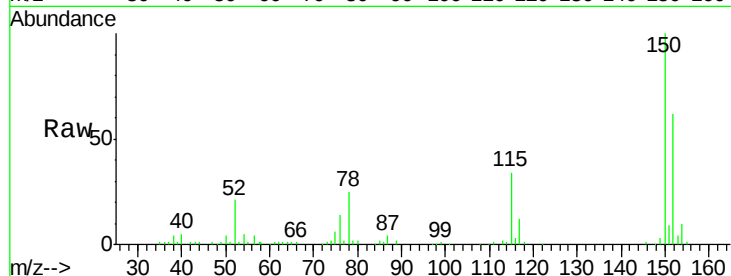
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	55.5	45.5	68.3

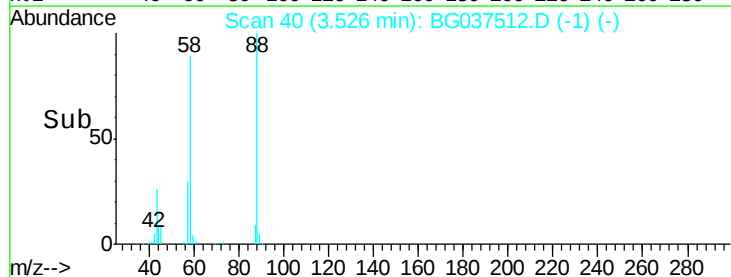
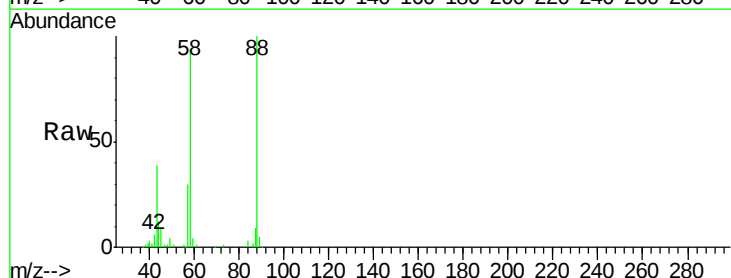
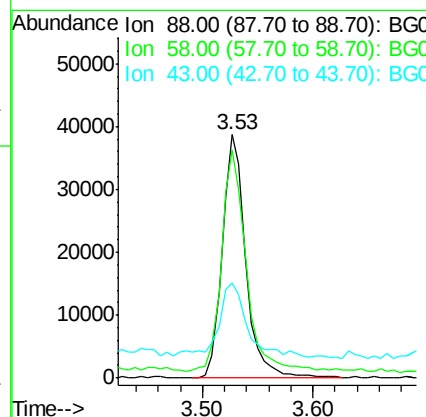
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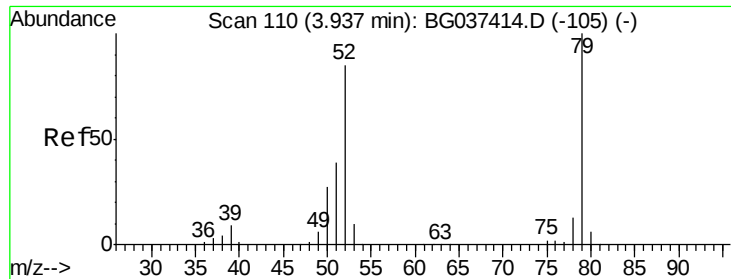
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#2
 1,4-Dioxane
 Concen: 25.909 ng
 RT: 3.53 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	74.4	111.6
43	36.1	25.8	38.8





#3

Pyridine

Concen: 28.072 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

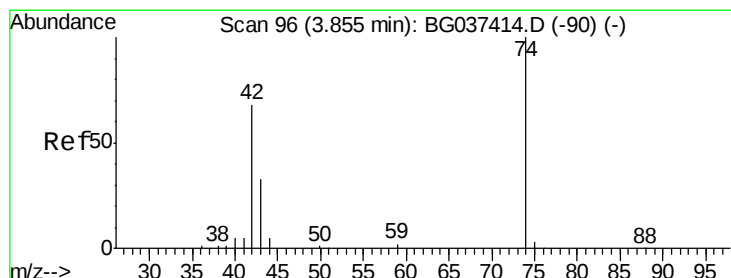
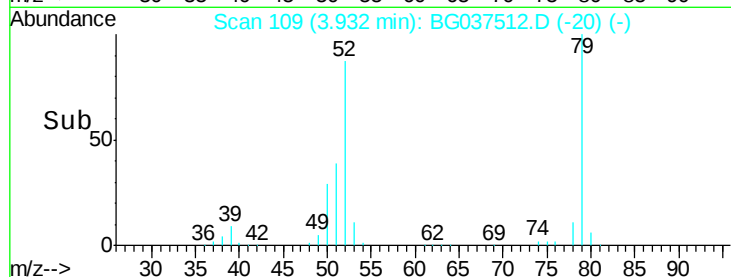
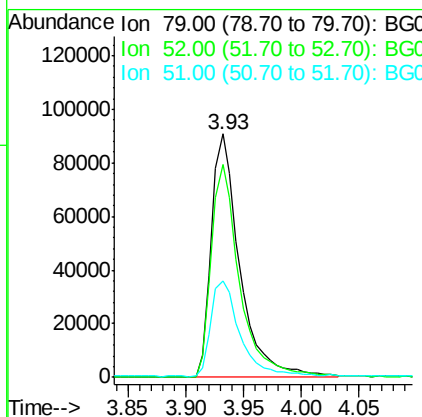
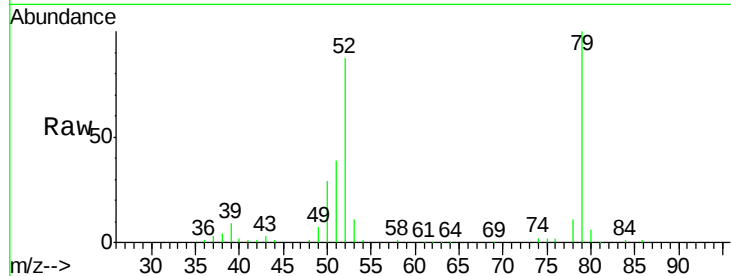
ClientSampleId :

PB114123BS

Tgt Ion:	79	Resp:	155558
Ion Ratio	Lower	Upper	
79	100		
52	87.2	74.2	111.2
51	39.5	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 46.077 ng

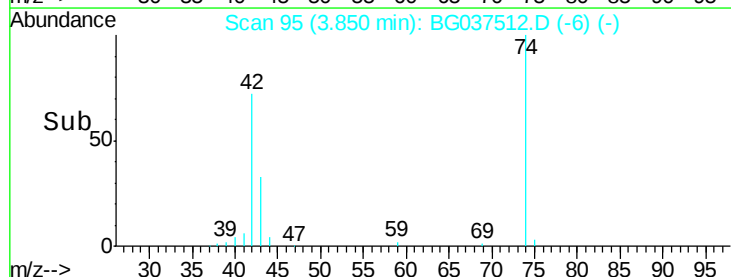
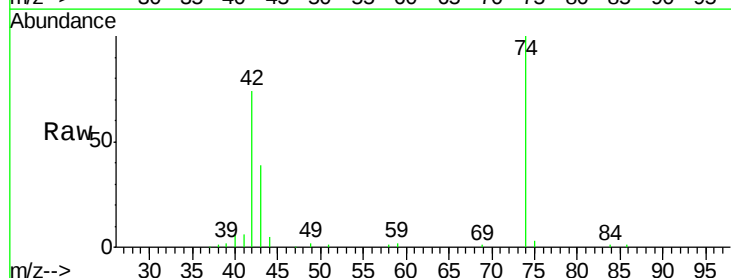
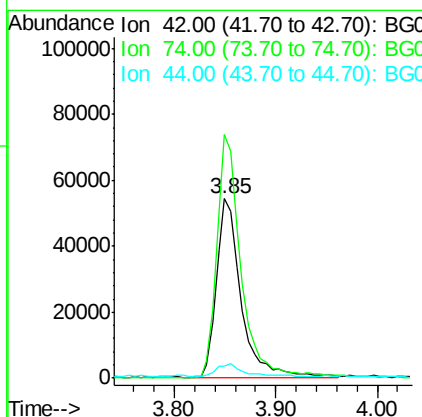
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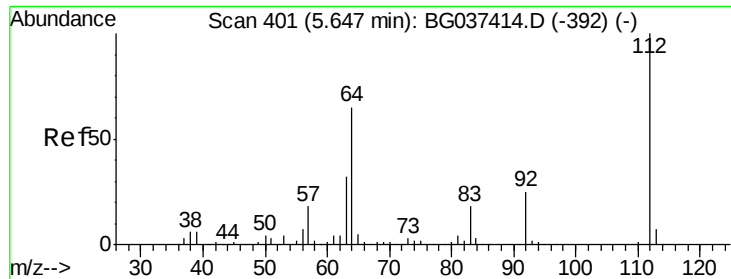
Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	42	Resp:	90947
Ion Ratio	Lower	Upper	
42	100		
74	136.0	102.0	153.0
44	6.8	9.6	14.4





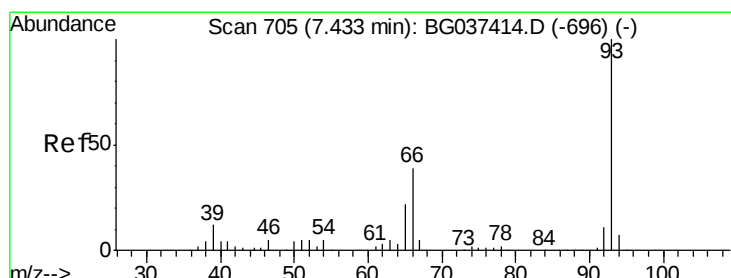
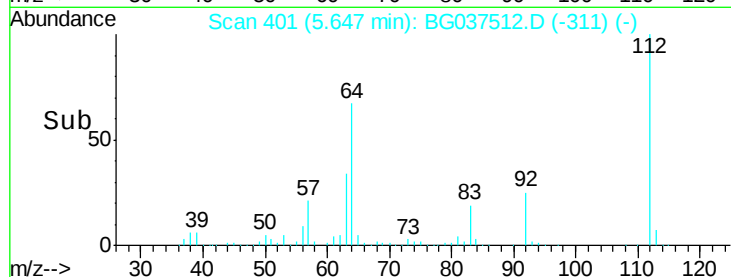
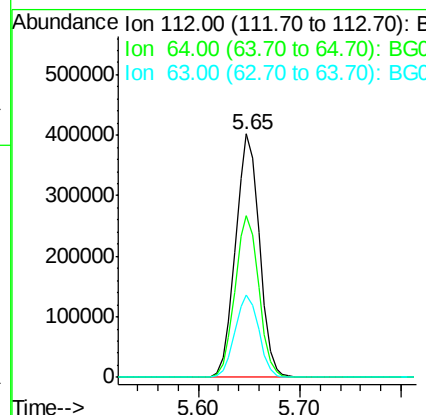
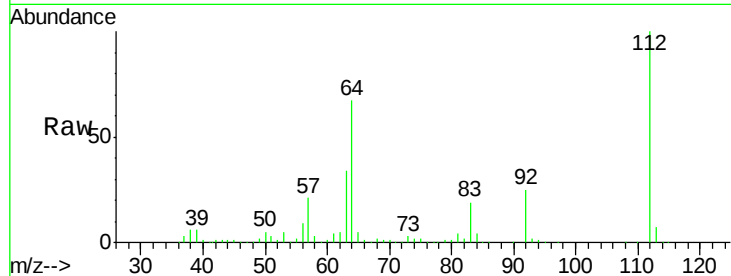
#5
 2-Fluorophenol
 Concen: 151.424 ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	66.6	53.1	79.7
63	34.0	27.3	40.9

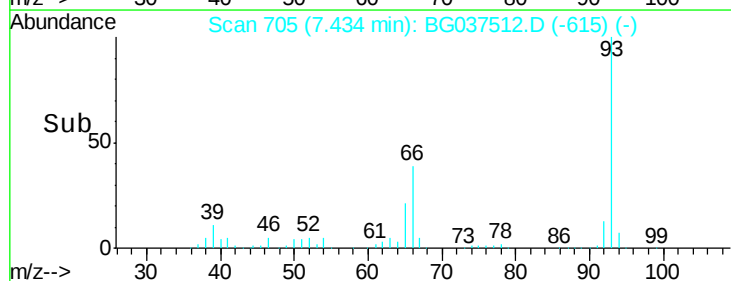
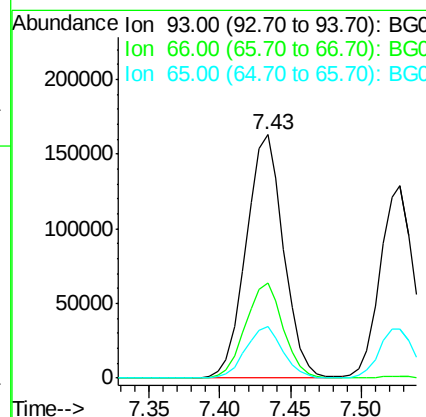
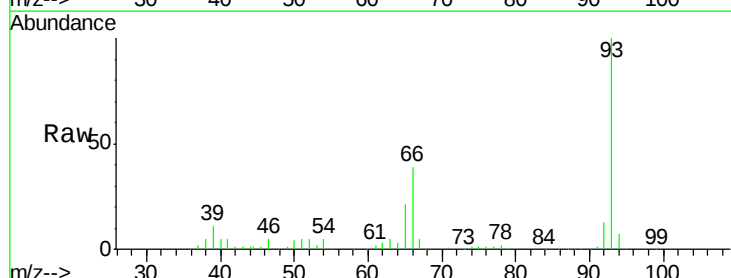
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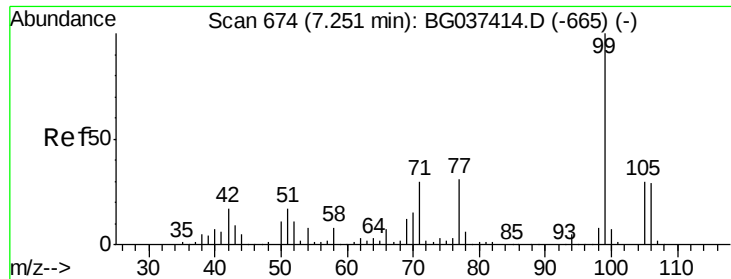
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#6
 Aniline
 Concen: 37.864 ng
 RT: 7.43 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	39.0	32.8	49.2
65	21.3	16.4	24.6





#7

Phenol-d6

Concen: 138.716 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

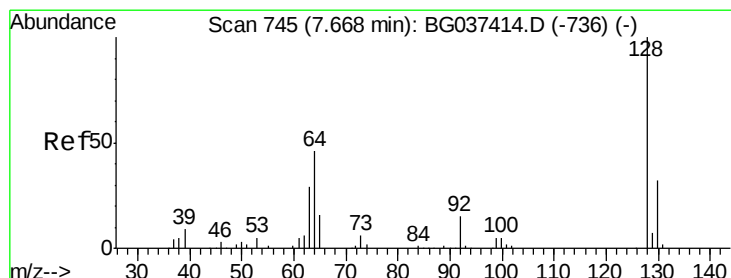
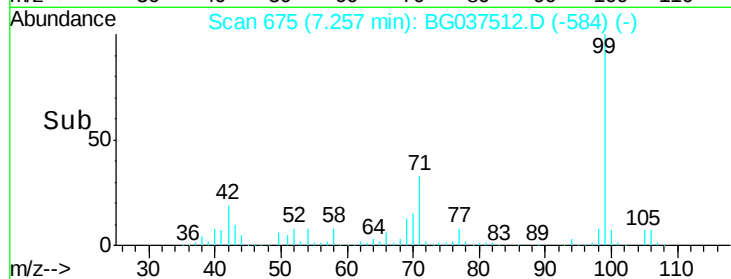
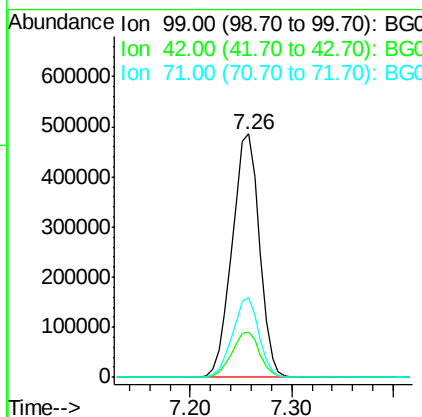
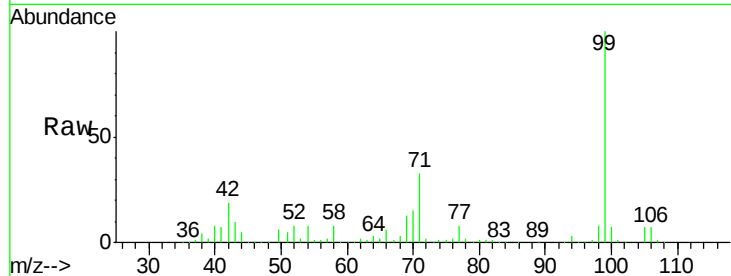
ClientSampleId :

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Tgt Ion:	99	Resp:	909381
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.0	22.4
71	32.5	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.031 ng

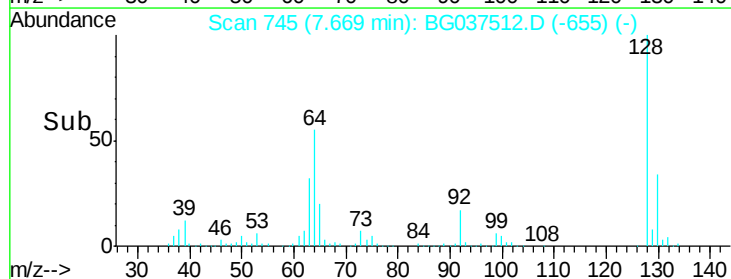
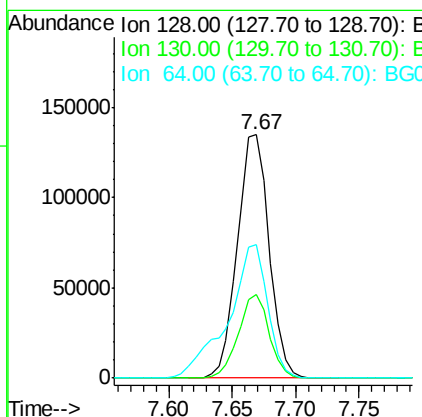
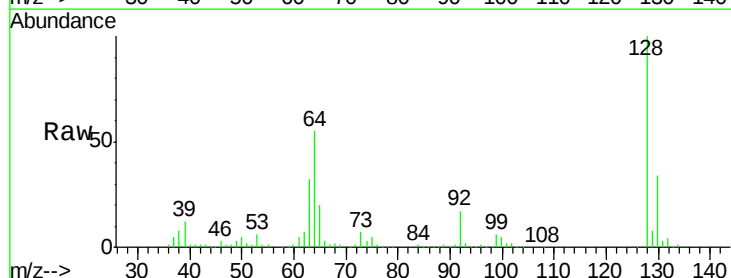
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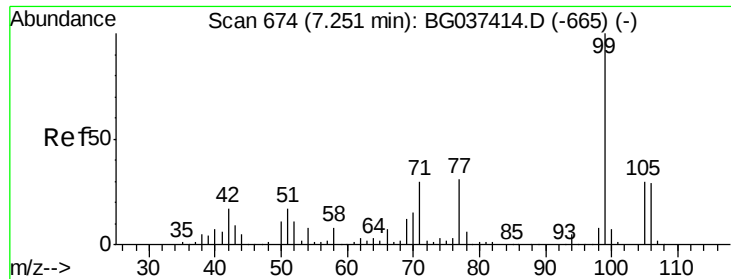
Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	128	Resp:	233459
Ion Ratio	Lower	Upper	
128	100		
130	34.3	12.0	52.0
64	54.6	32.9	72.9





#9

Benzaldehyde

Concen: 28.587 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

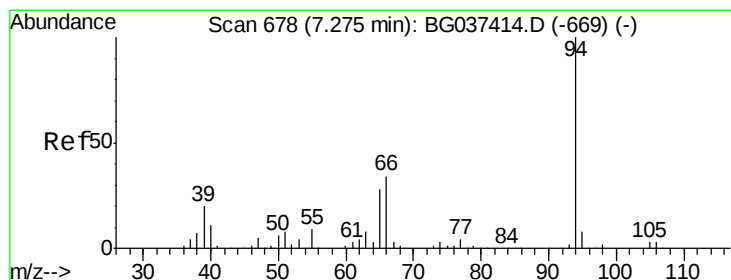
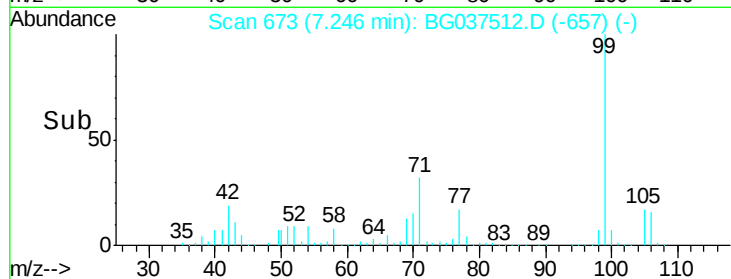
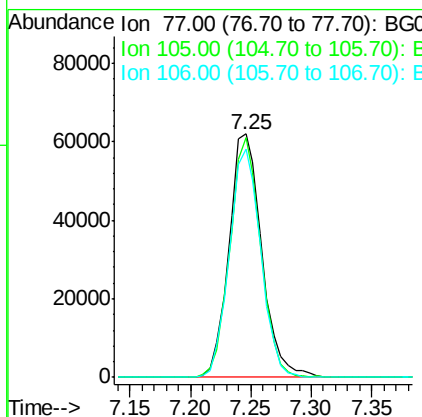
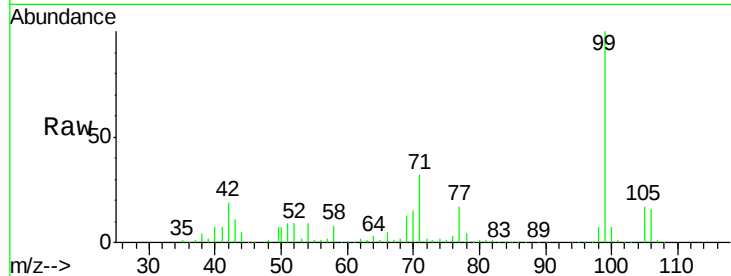
ClientSampleId :

PB114123BS

Tgt Ion:	77	Resp:	117230
Ion Ratio	Lower	Upper	
77	100		
105	98.6	72.6	112.6
106	93.5	71.3	111.3

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#10

Phenol

Concen: 45.984 ng

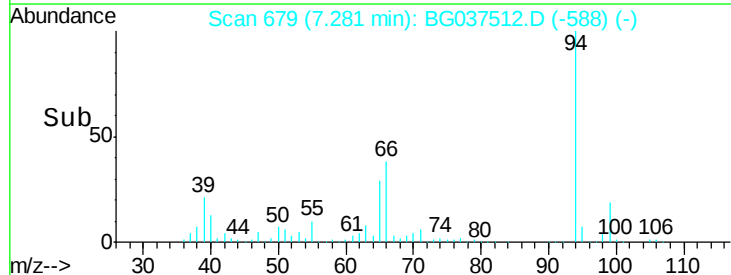
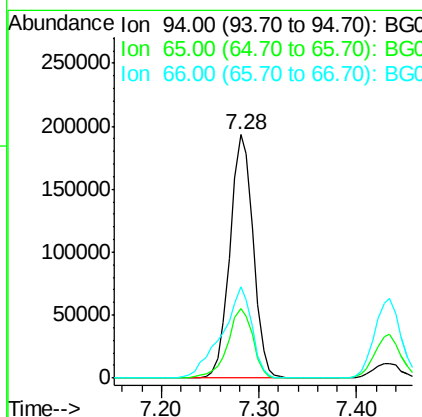
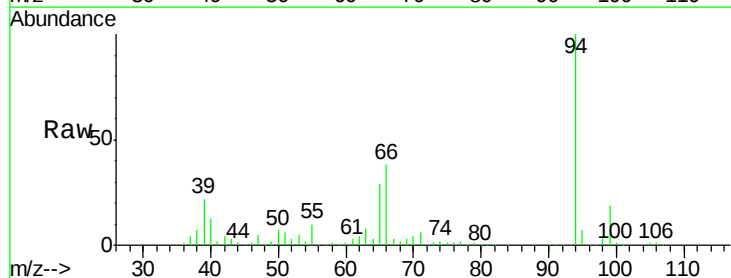
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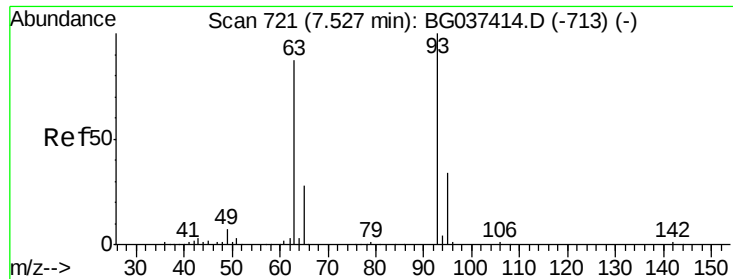
Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	94	Resp:	318067
Ion Ratio	Lower	Upper	
94	100		
65	28.8	9.7	49.7
66	37.6	15.9	55.9





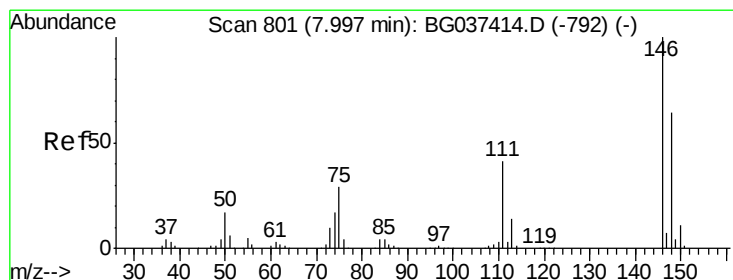
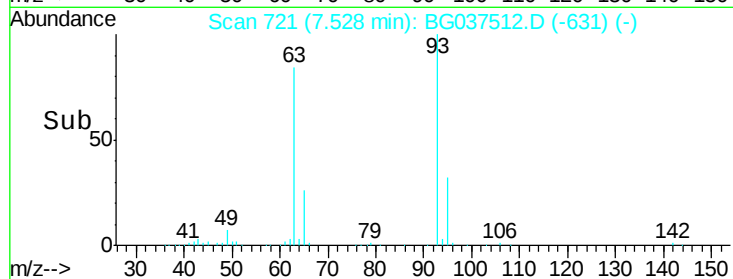
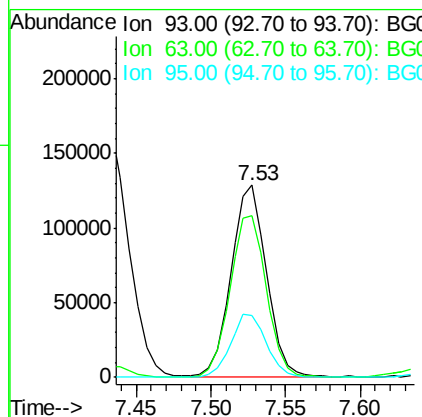
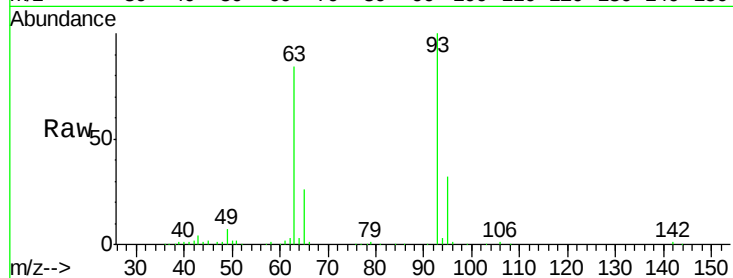
#11
bis(2-Chloroethyl)ether
Concen: 40.649 ng
RT: 7.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.9	69.5	109.5
95	32.0	12.6	52.6

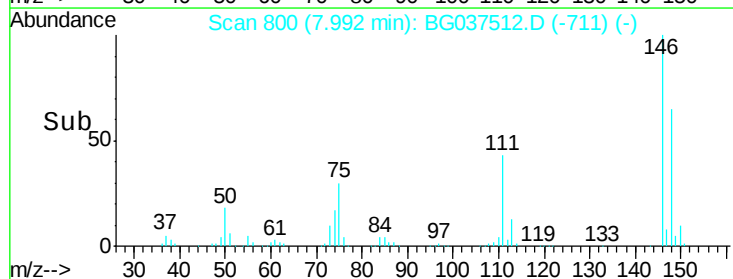
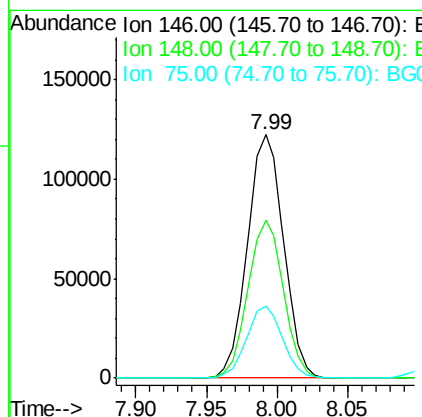
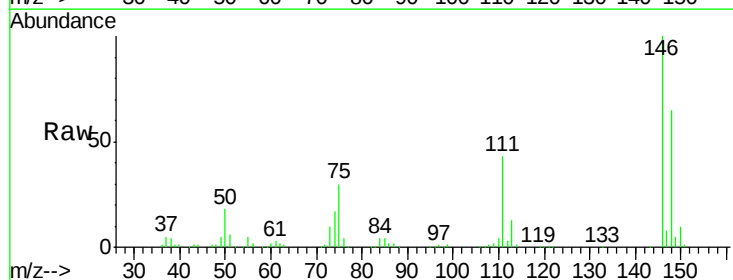
Manual Integrations
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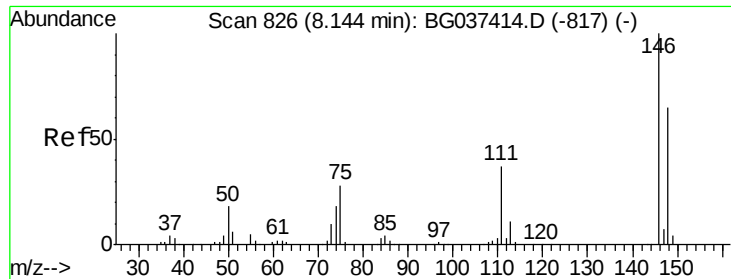
Sohil
10/25/2018 2:12:57 PM



#12
1,3-Dichlorobenzene
Concen: 38.888 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	29.5	23.2	34.8





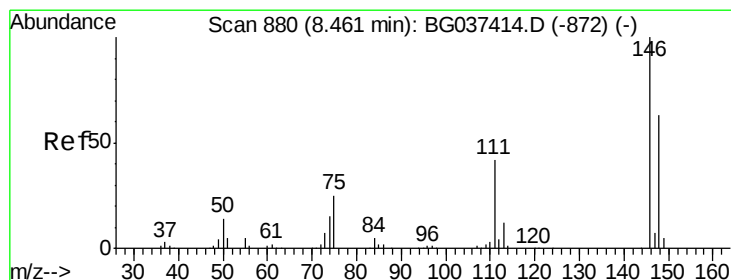
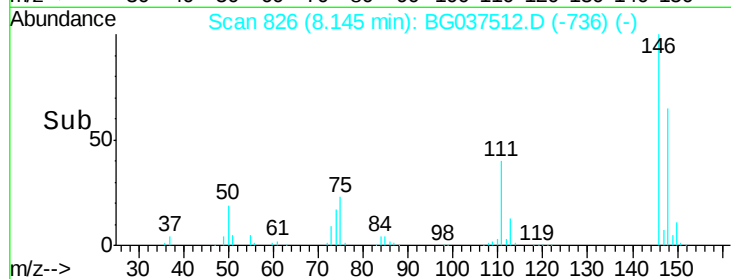
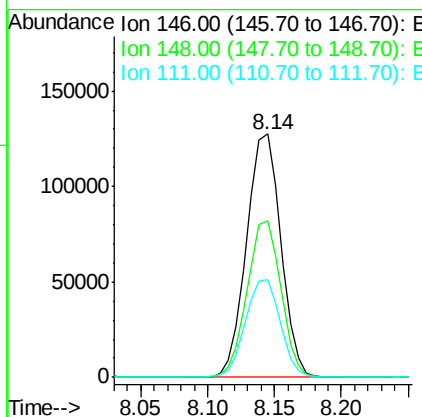
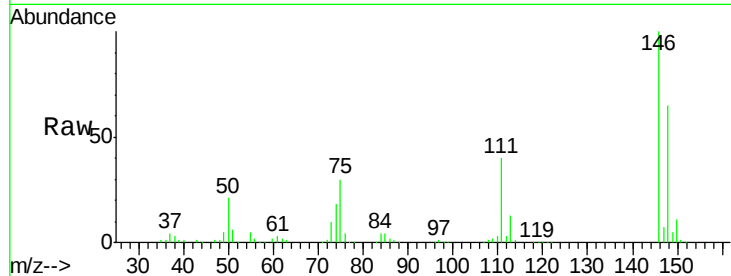
#13
 1,4-Dichlorobenzene
 Concen: 39.211 ng
 RT: 8.14 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	39.9	32.4	48.6

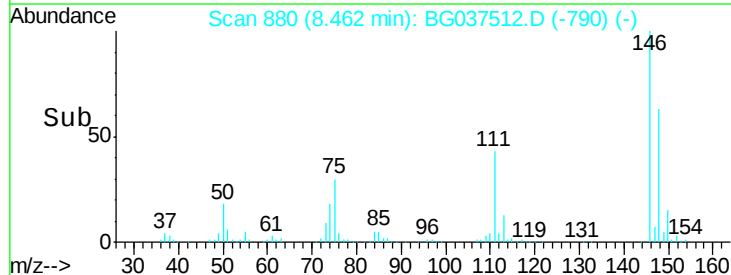
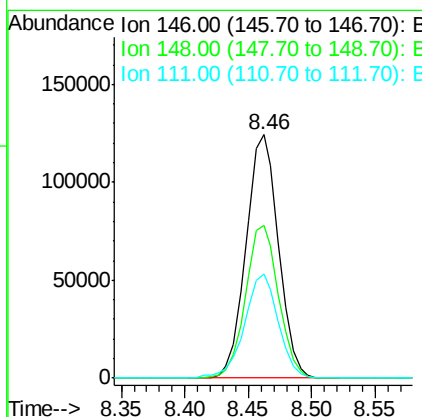
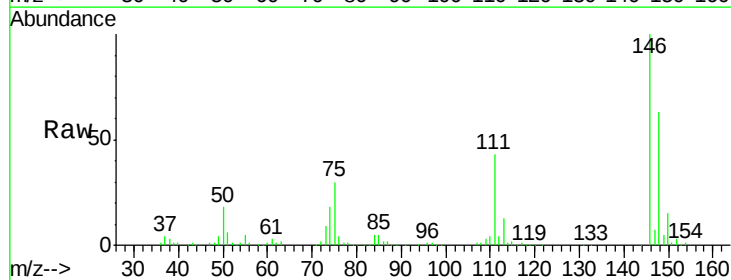
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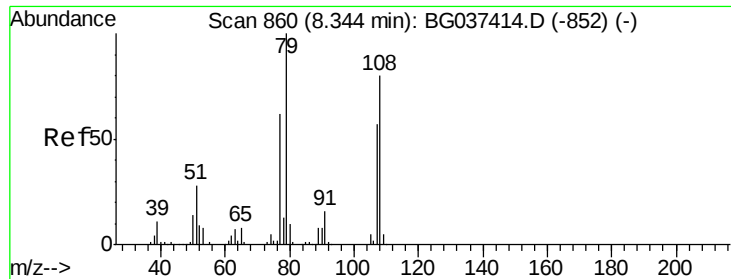
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.737 ng
 RT: 8.46 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.4	75.6
111	42.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 44.754 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

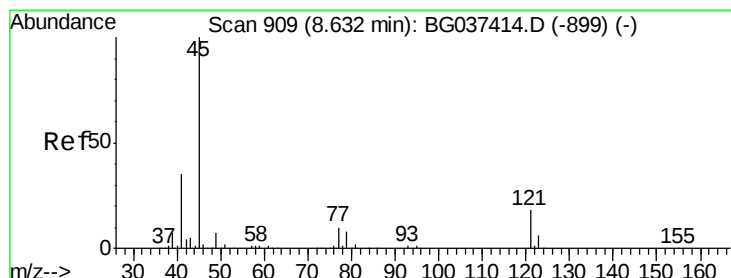
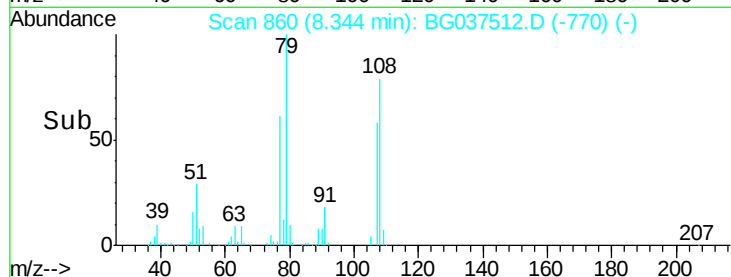
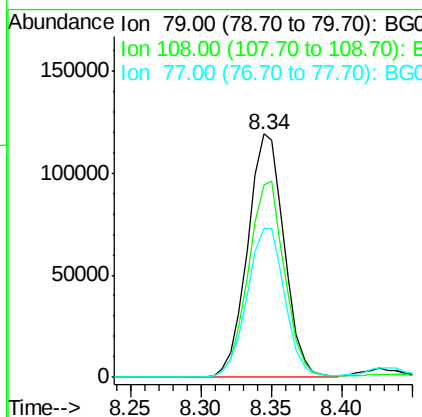
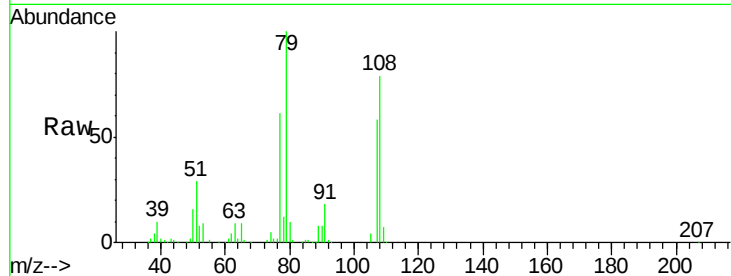
ClientSampleId :

PB114123BS

Tgt Ion:	79	Resp:	216786
Ion Ratio	Lower	Upper	
79	100		
108	79.0	65.8	98.8
77	61.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.446 ng

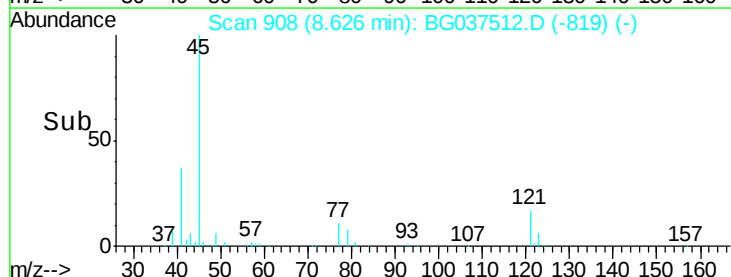
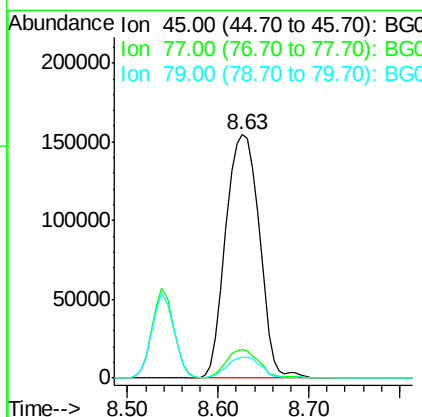
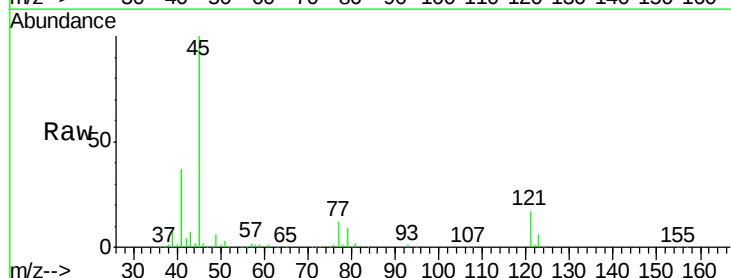
RT: 8.63 min Scan# 908

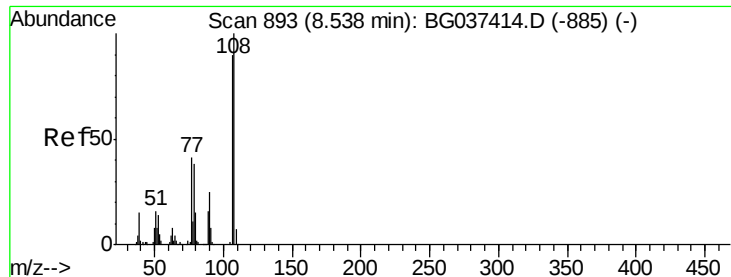
Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	45	Resp:	398985
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.0
79	8.5	0.0	29.0





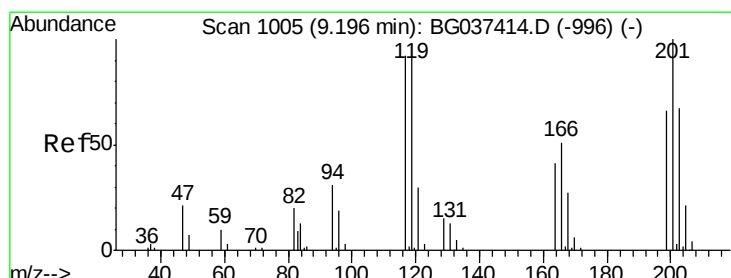
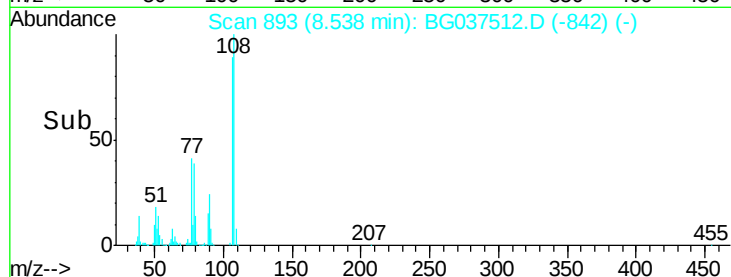
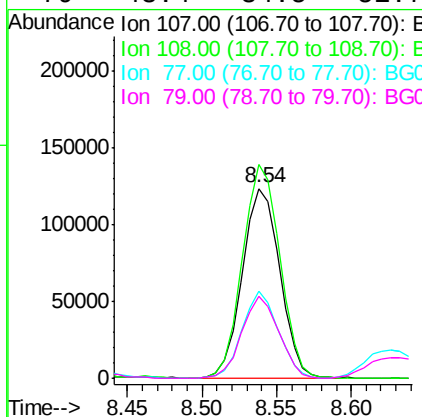
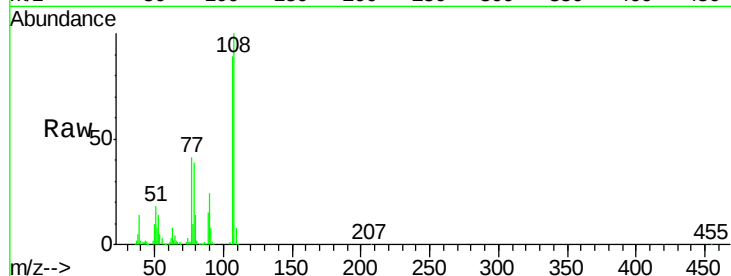
#17
2-Methylphenol
Concen: 47.141 ng
RT: 8.54 min Scan# 893
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	215574		
108	112.6	87.9	131.9	
77	46.2	35.1	52.7	
79	43.4	34.5	51.7	

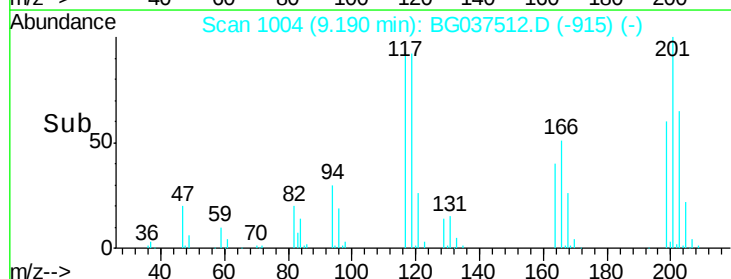
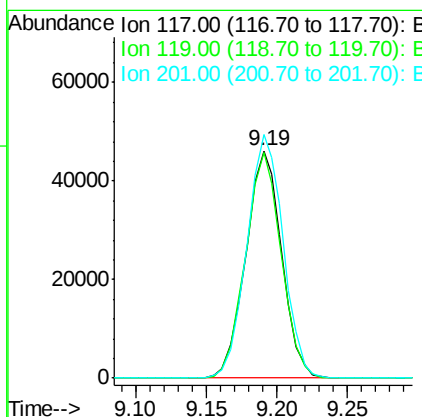
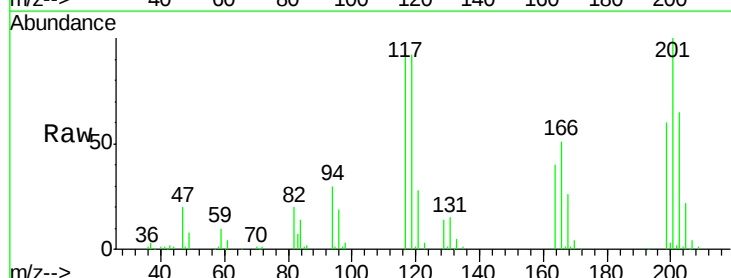
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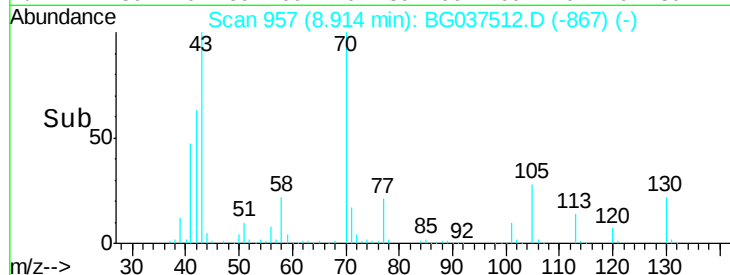
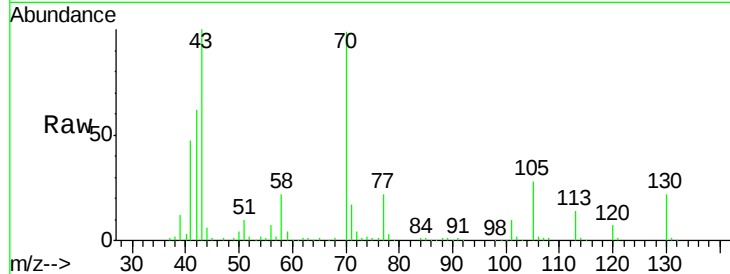
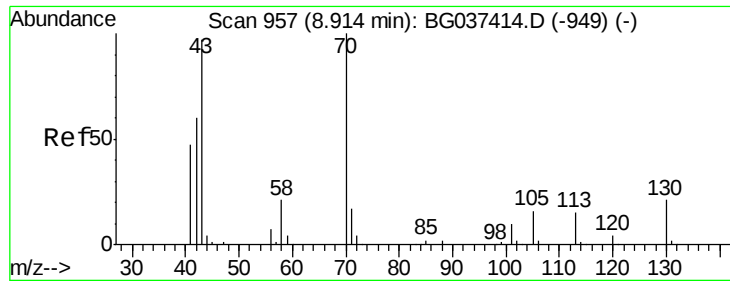
Sohil
10/25/2018 2:12:57 PM



#18
Hexachloroethane
Concen: 41.658 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82026		
119	99.2	74.6	111.8	
201	107.3	80.8	121.2	





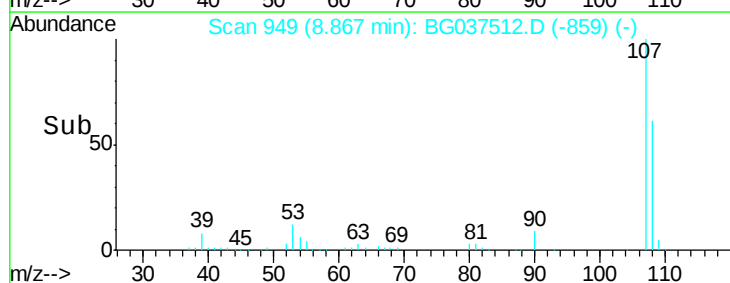
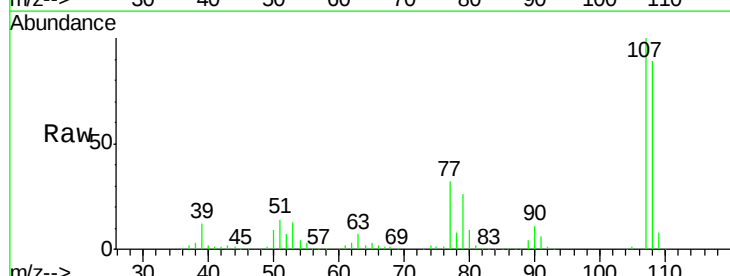
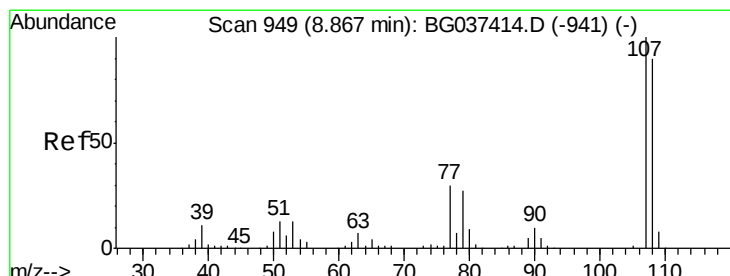
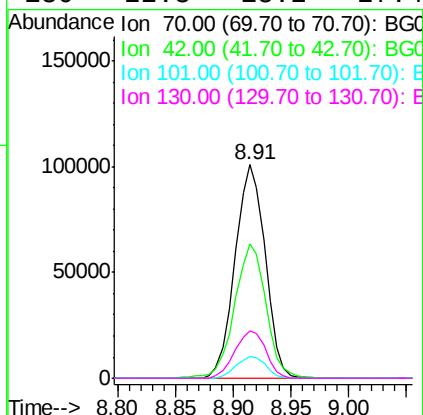
#19
n-Nitroso-di-n-propylamine
Concen: 40.445 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.7	53.9	80.9
101	10.3	8.2	12.2
130	22.3	18.2	27.4

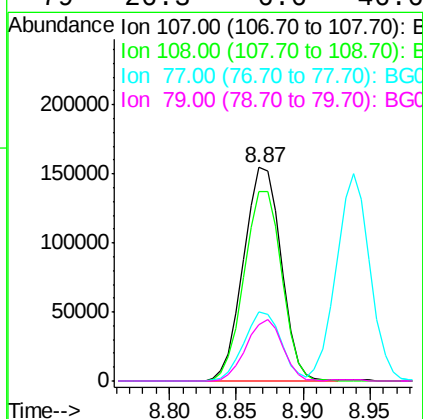
Manual Integrations
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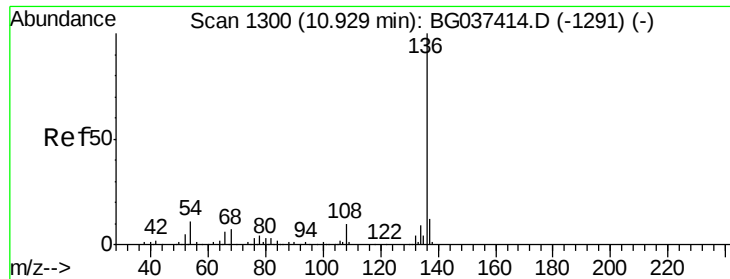
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#20
3+4-Methylphenols
Concen: 46.248 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.9	109.9
77	32.1	11.2	51.2
79	26.3	6.6	46.6





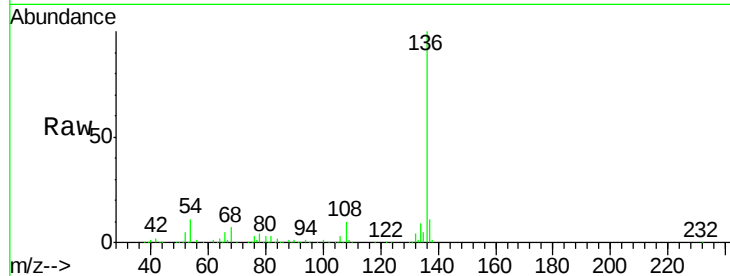
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

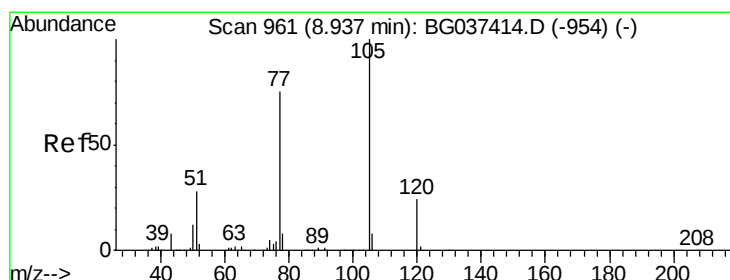
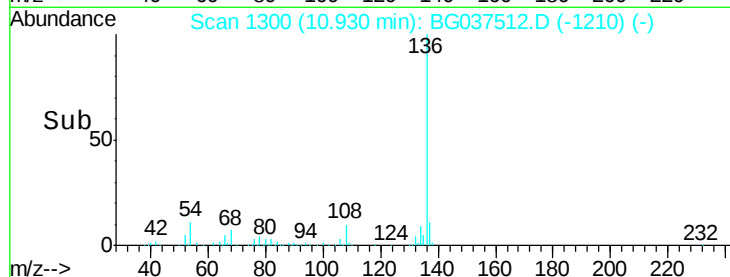
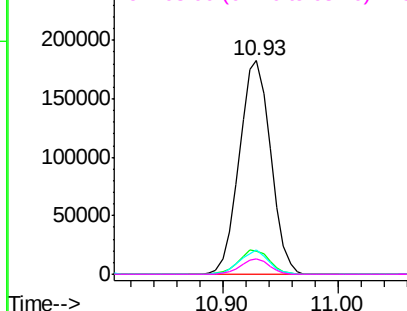
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	344795		
137	10.9	9.6	14.4	
54	11.1	7.9	11.9	
68	7.0	4.8	7.2	

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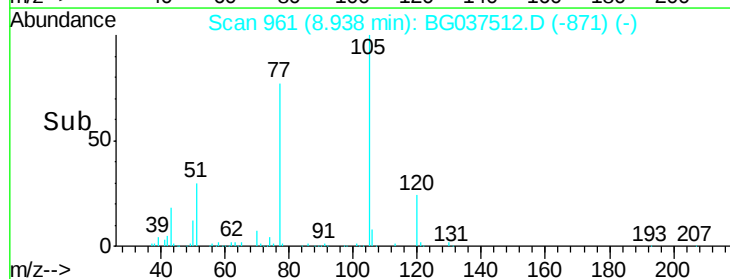
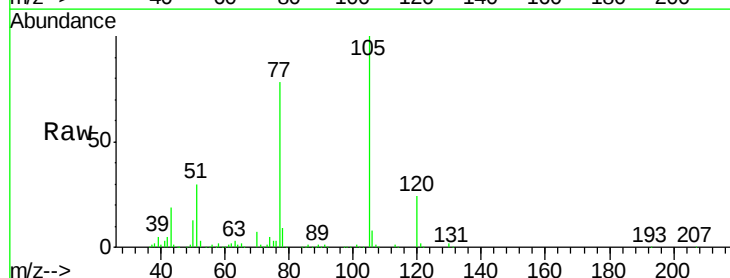
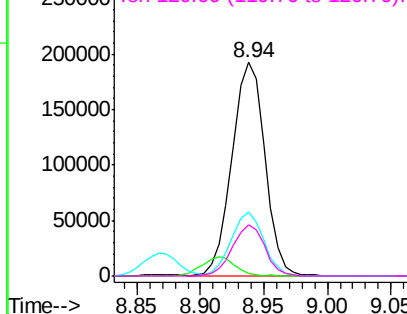
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

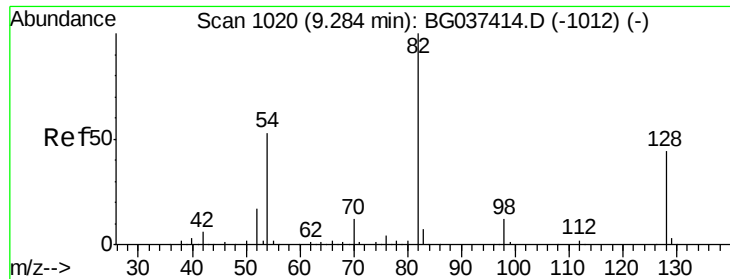


#22
Acetophenone
Concen: 39.998 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	345875		
71	1.2	1.2	1.8	
51	30.3	25.0	37.6	
120	24.2	18.6	28.0	

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





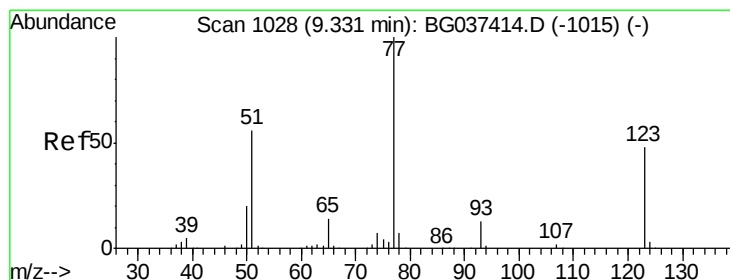
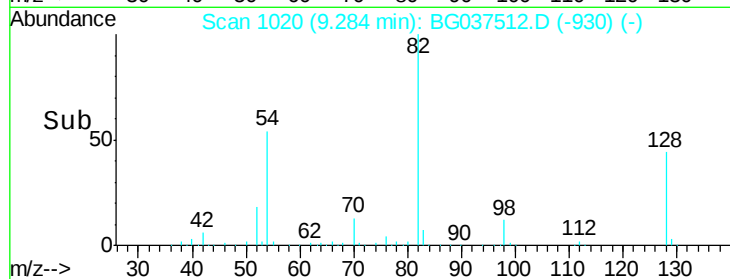
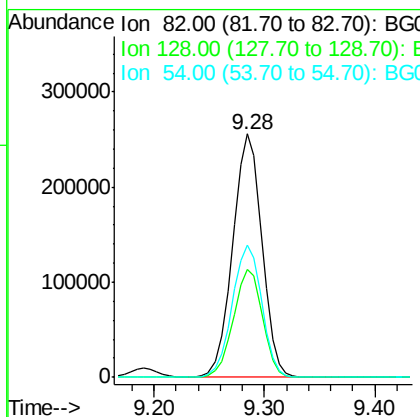
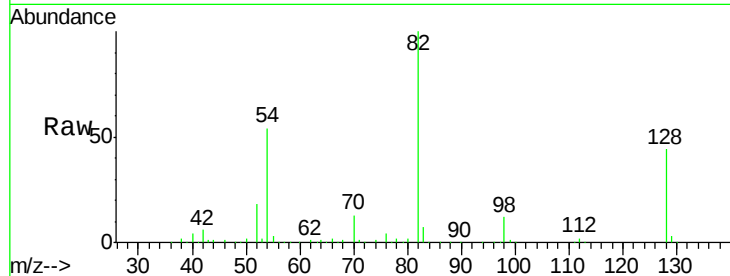
#23
 Nitrobenzene-d5
 Concen: 77.195 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	475134		
128	44.3	34.6	51.8	
54	54.3	45.3	67.9	

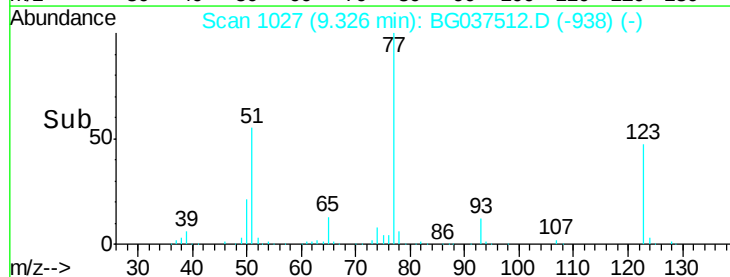
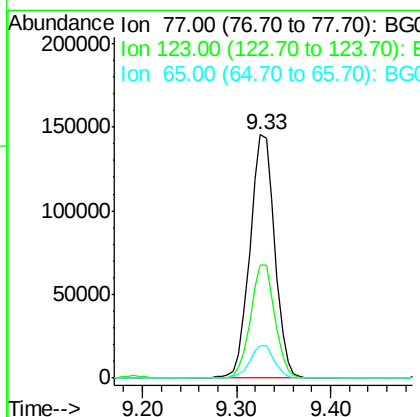
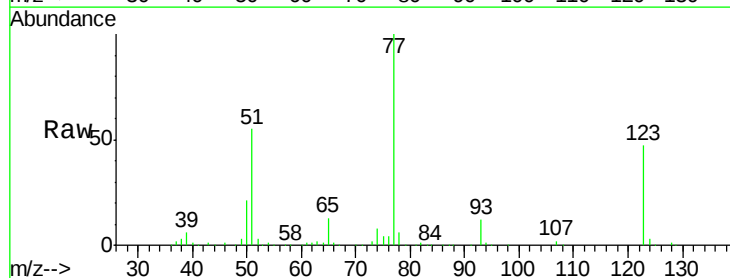
Manual Integrations
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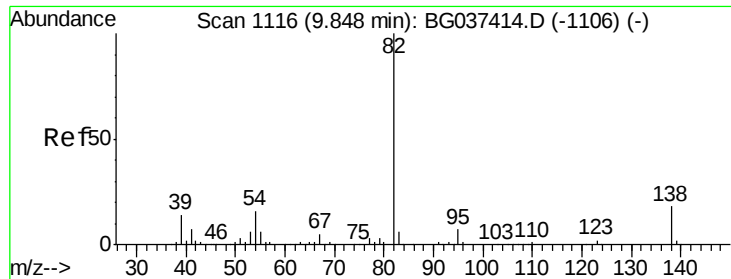
Sohil
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#24
 Nitrobenzene
 Concen: 41.466 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	265139		
123	46.6	33.6	50.4	
65	13.3	11.3	16.9	





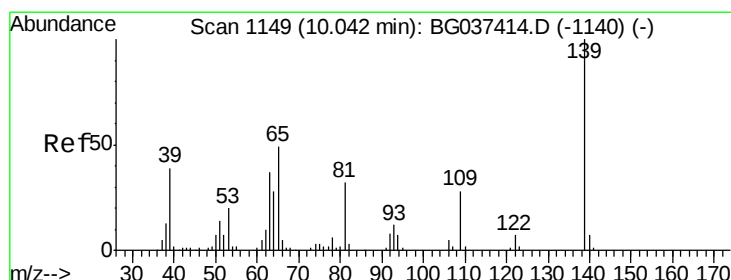
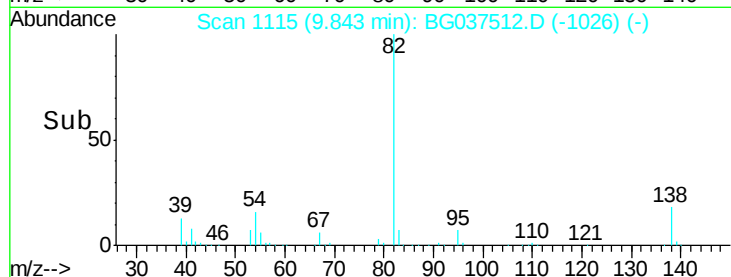
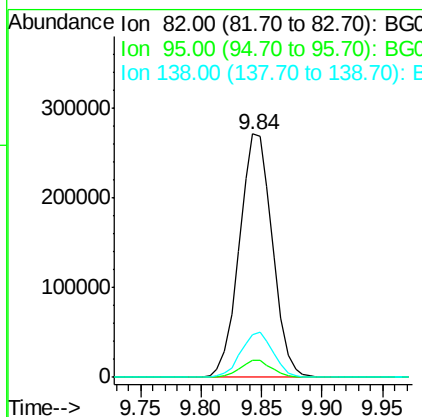
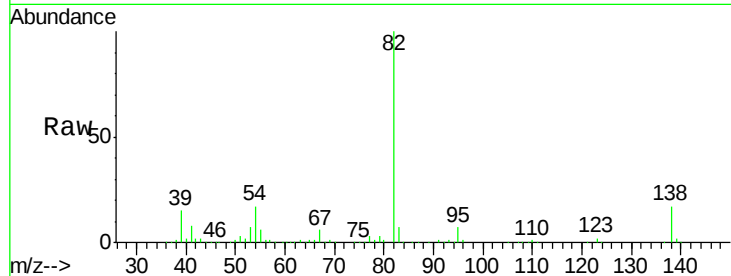
#25
Isophorone
Concen: 45.930 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	516540		
95	6.8		5.3	7.9
138	17.5		13.3	19.9

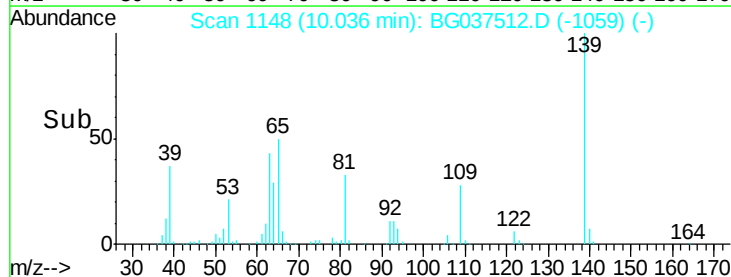
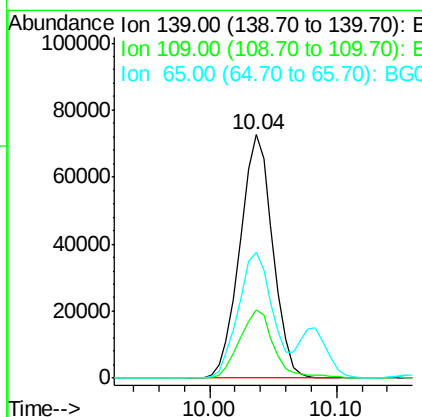
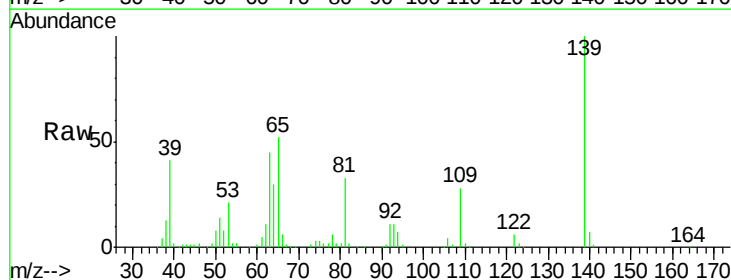
Manual Integrations
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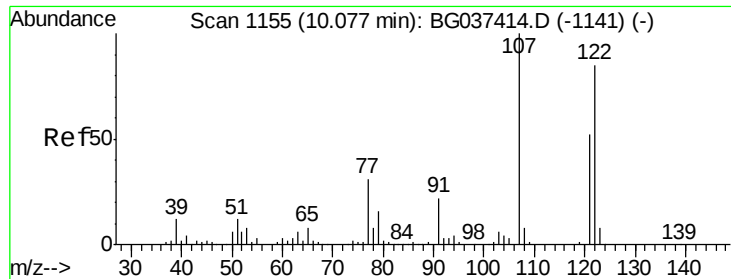
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#26
2-Nitrophenol
Concen: 45.299 ng
RT: 10.04 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130484		
109	27.9		23.3	34.9
65	51.6		39.8	59.8





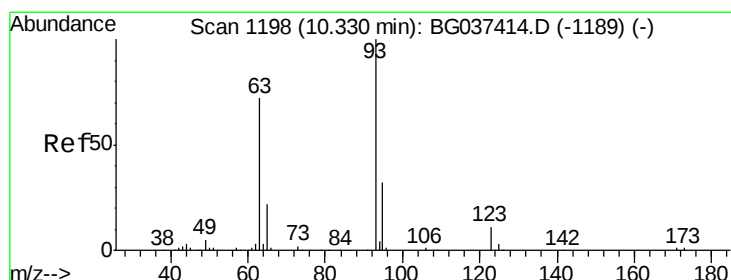
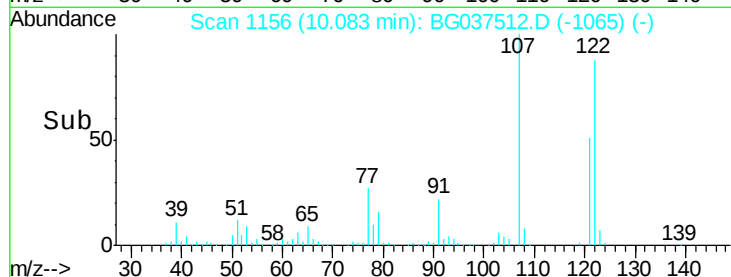
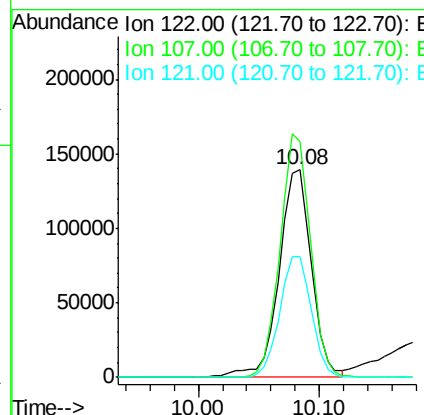
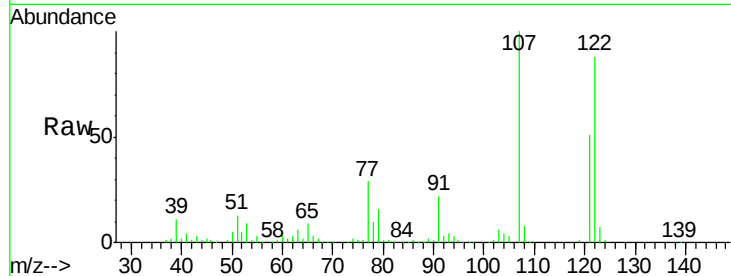
#27
2,4-Dimethylphenol
Concen: 49.981 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	257055		
107	113.8	94.2	141.2	
121	58.2	47.3	70.9	

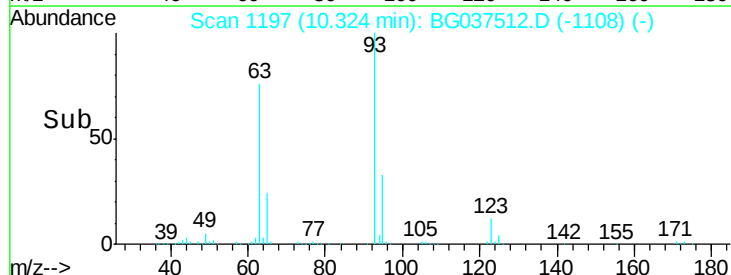
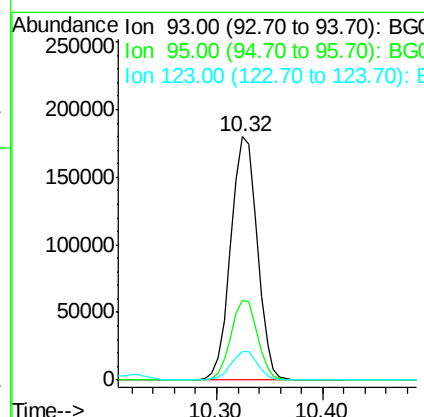
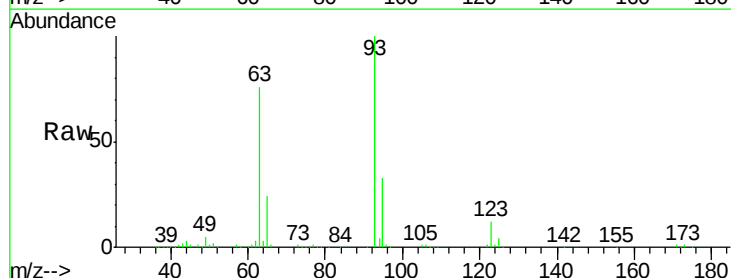
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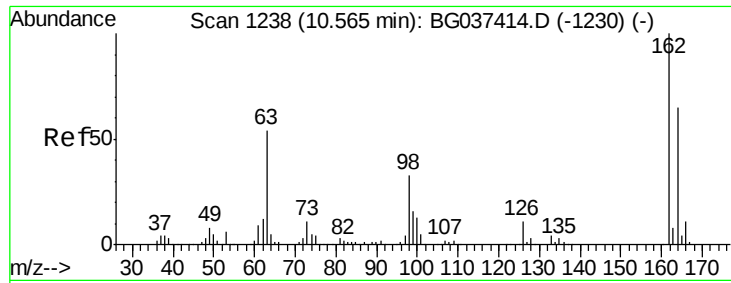
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#28
bis(2-Chloroethoxy)methane
Concen: 42.442 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	312723		
95	32.5	24.6	37.0	
123	11.7	9.1	13.7	





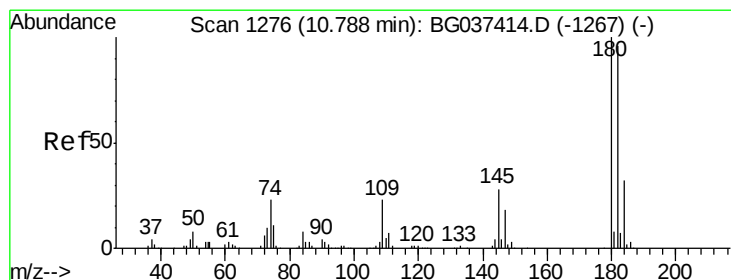
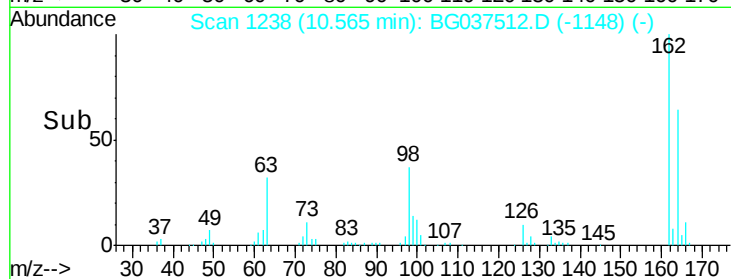
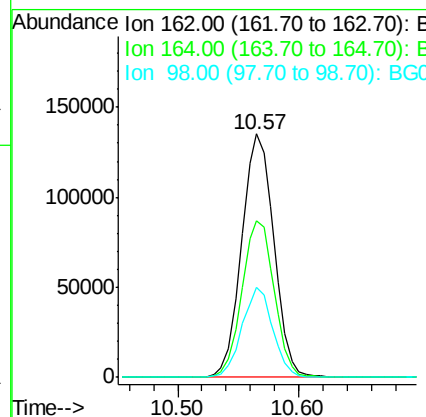
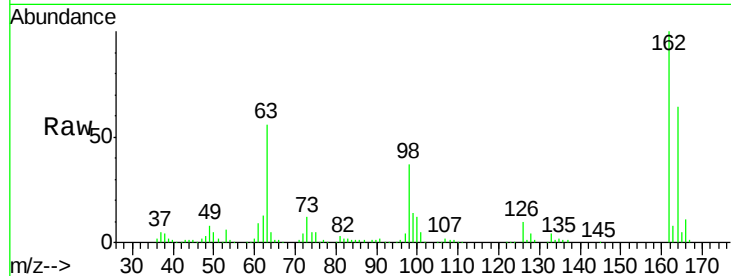
#29
 2,4-Dichlorophenol
 Concen: 43.915 ng
 RT: 10.57 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	251469		
164	64.4	43.2	83.2	
98	37.1	16.0	56.0	

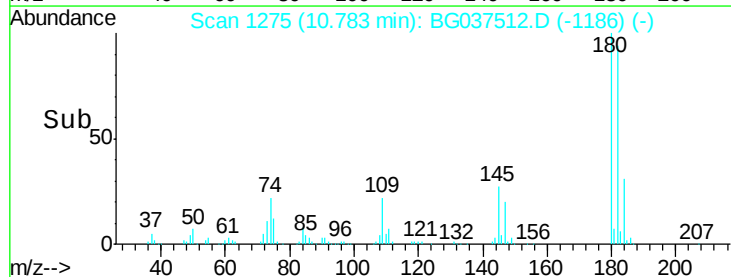
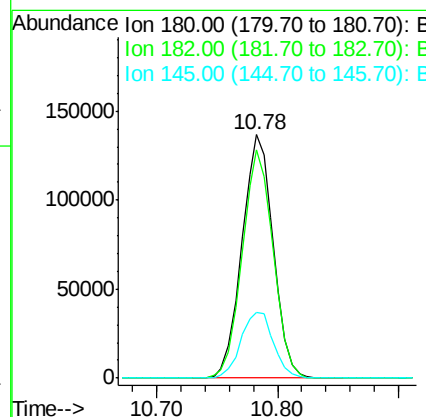
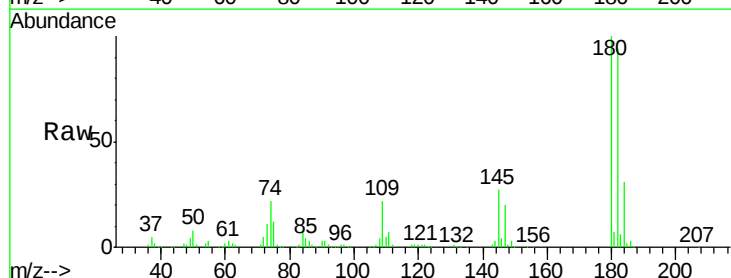
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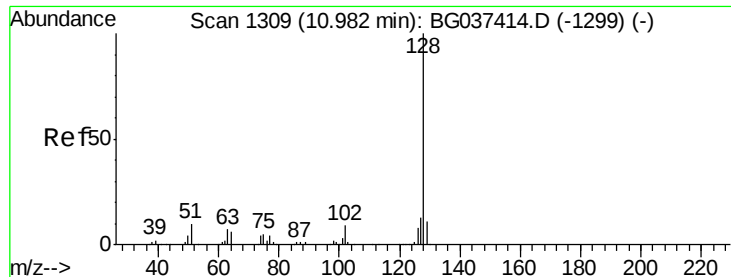
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.354 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245066		
182	93.6	77.7	116.5	
145	26.7	23.3	34.9	





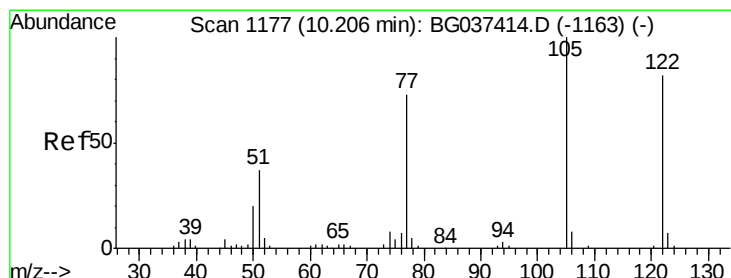
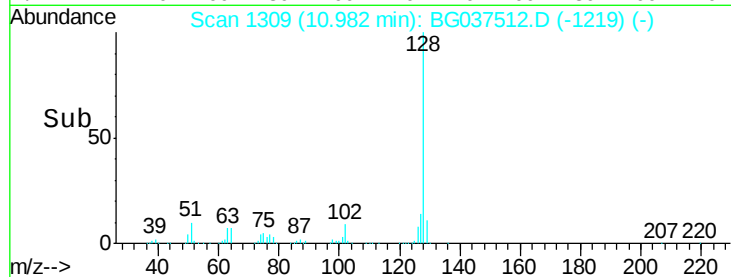
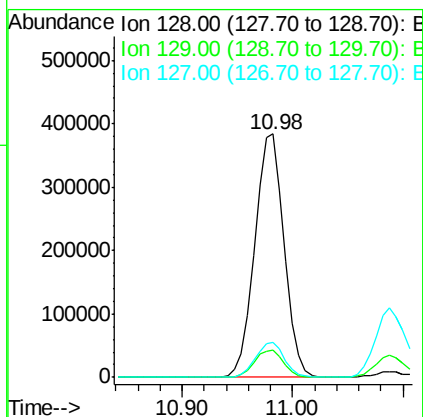
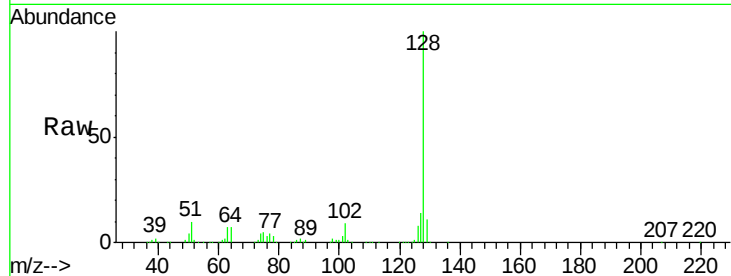
#31
Naphthalene
Concen: 42.158 ng
RT: 10.98 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.2	11.1	16.7

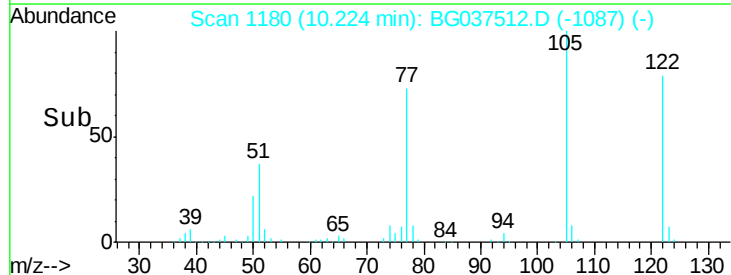
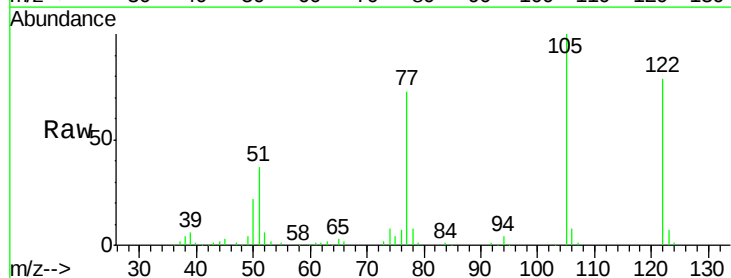
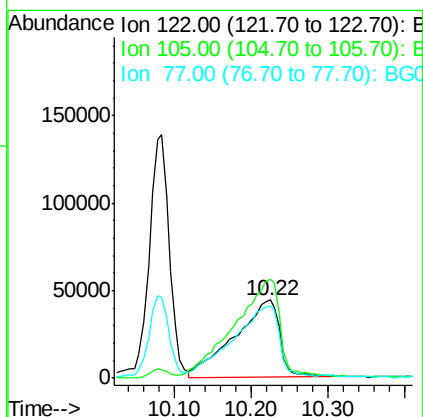
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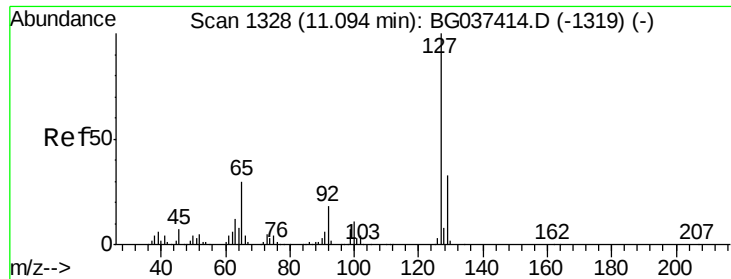
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#32
Benzoic acid
Concen: 54.003 ng
RT: 10.22 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	106.7	146.7
77	92.3	72.2	112.2





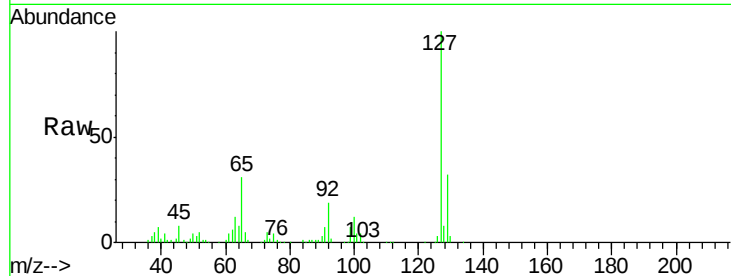
#33
4-Chloroaniline
Concen: 26.141 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

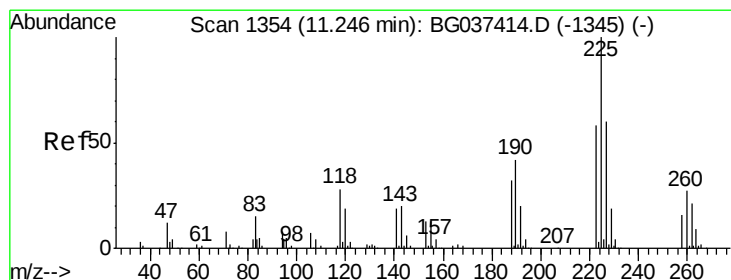
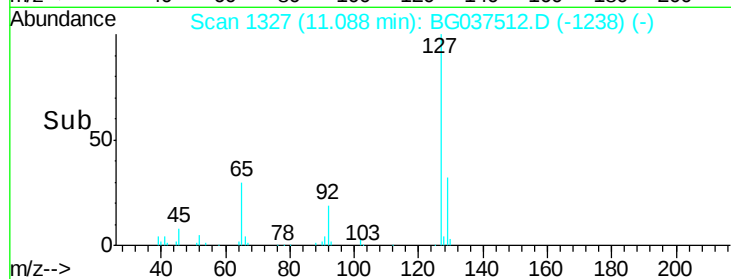
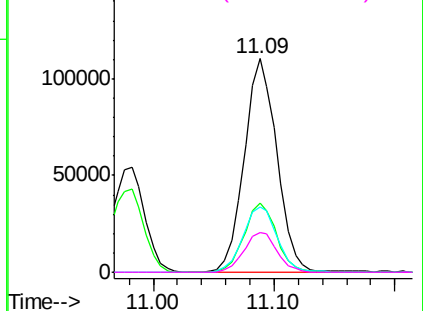
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	208010		
129	32.2	27.1	40.7	
65	30.8	26.6	39.8	
92	18.8	16.4	24.6	

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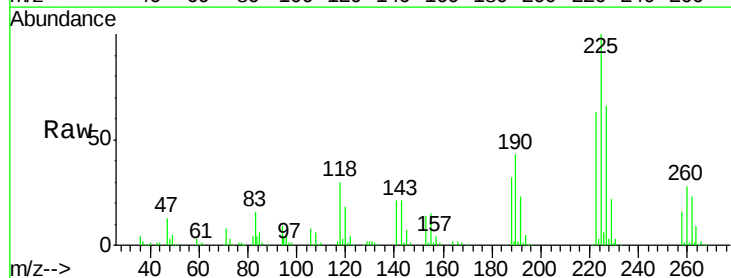


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

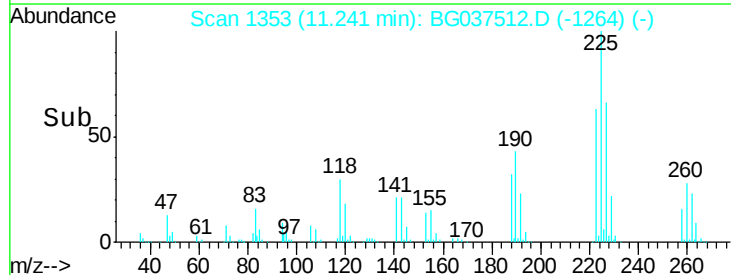
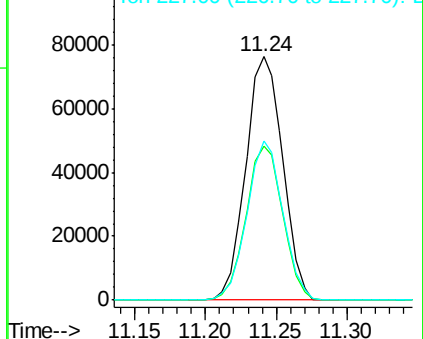


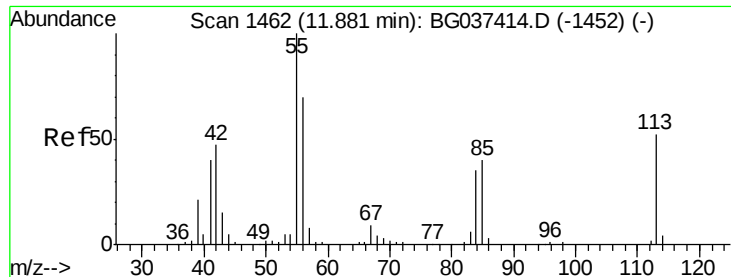
#34
Hexachlorobutadiene
Concen: 37.950 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140062		
223	60.1	48.2	72.4	
227	65.1	51.6	77.4	



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





#35

Caprolactam

Concen: 43.190 ng m

RT: 11.89 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

PB114123BS

Tgt Ion:113 Resp: 99190

Ion Ratio Lower Upper

113 100

55 207.5 176.6 216.6

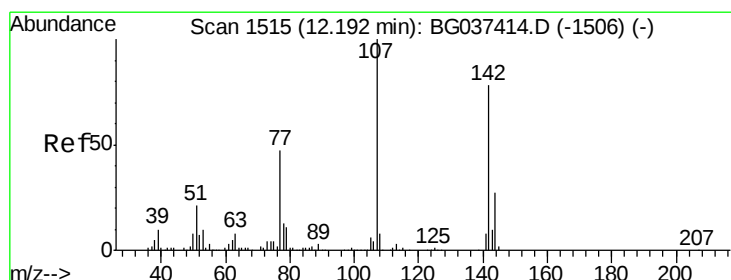
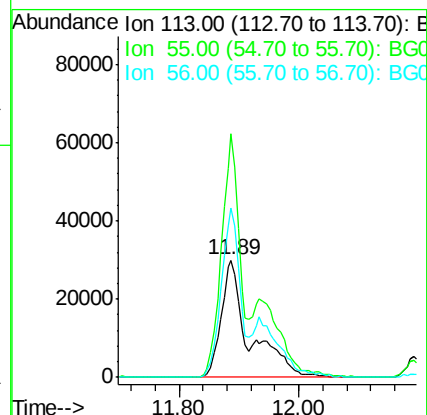
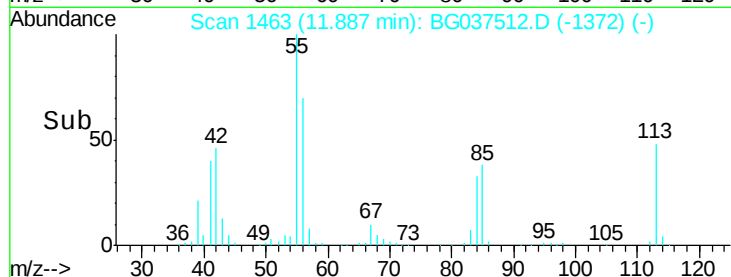
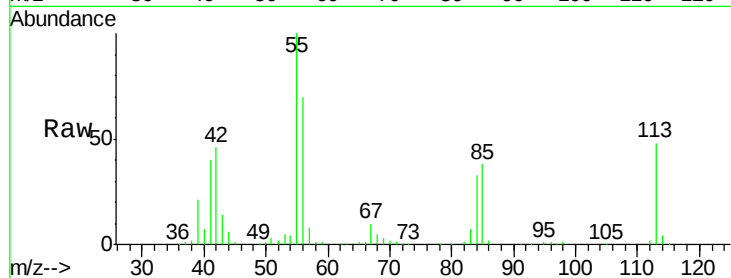
56 144.3 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 43.570 ng

RT: 12.19 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

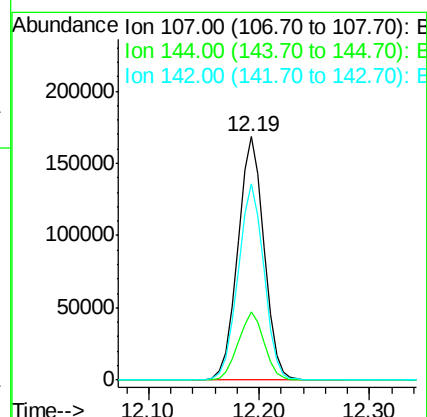
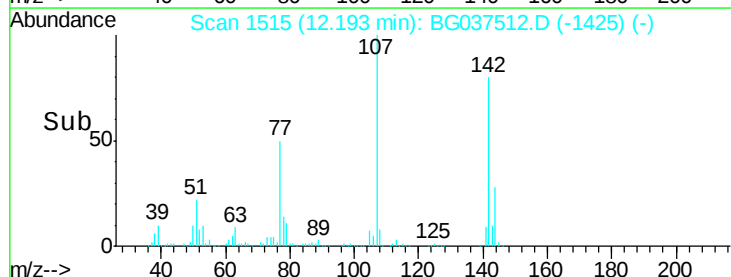
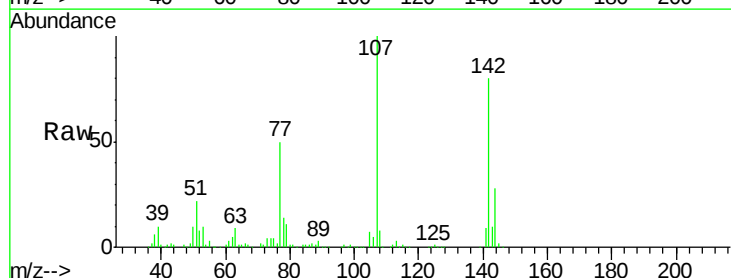
Tgt Ion:107 Resp: 281373

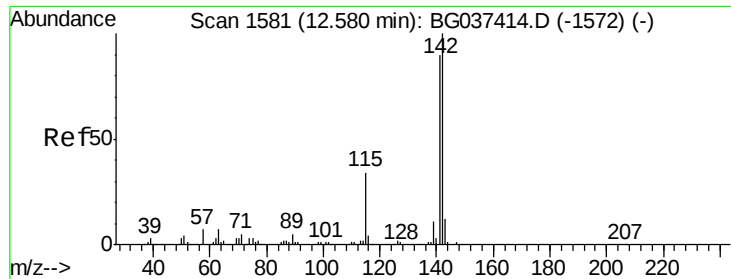
Ion Ratio Lower Upper

107 100

144 27.8 20.7 31.1

142 80.5 64.4 96.6





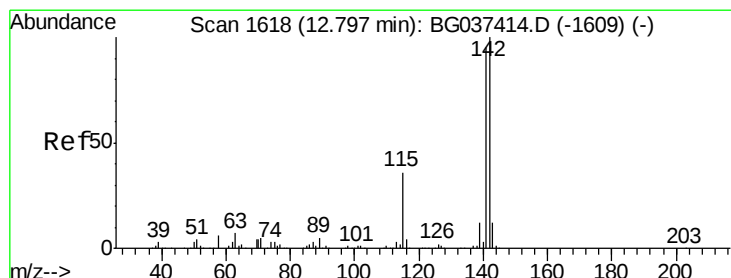
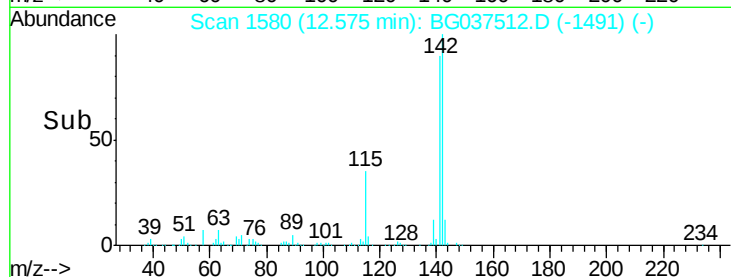
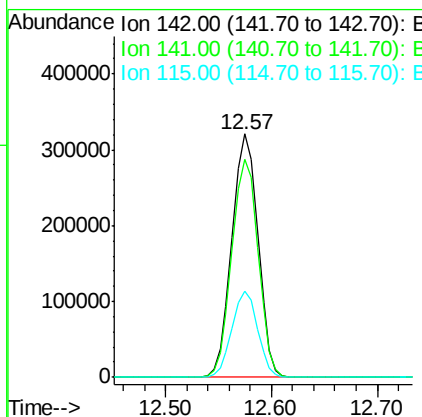
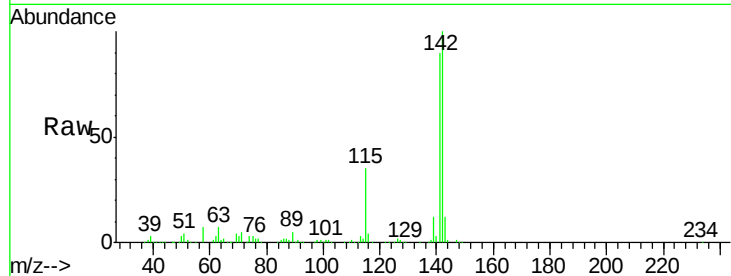
#37
2-Methylnaphthalene
Concen: 44.456 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	548822		
141	89.6	71.9	107.9	
115	35.2	27.8	41.8	

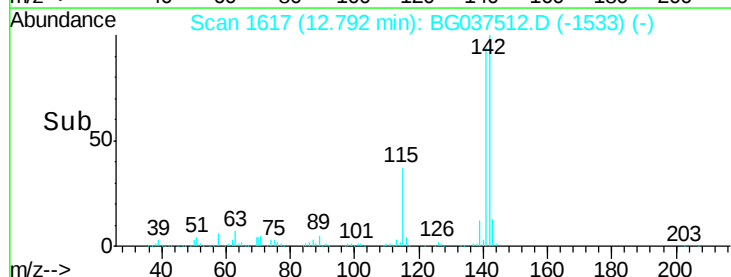
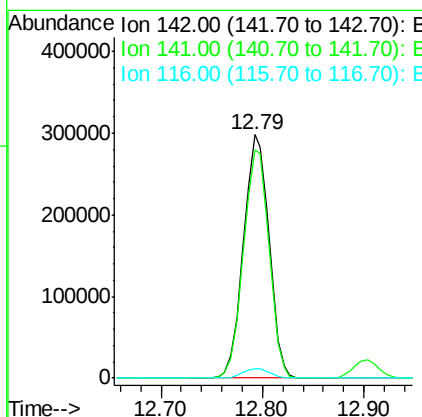
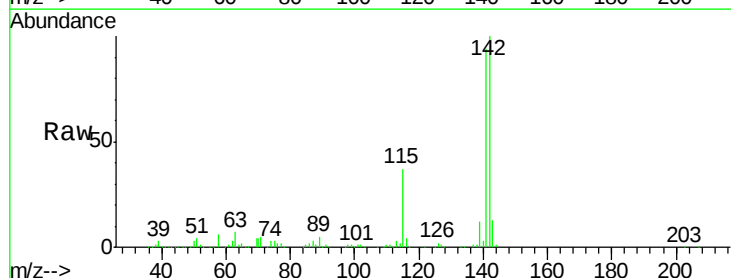
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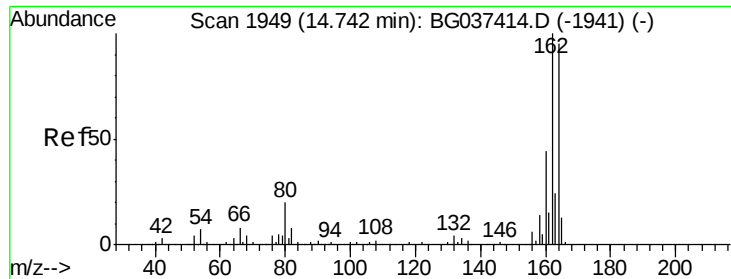
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#38
1-Methylnaphthalene
Concen: 43.341 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	519618		
141	93.7	75.2	112.8	
116	3.8	3.3	4.9	





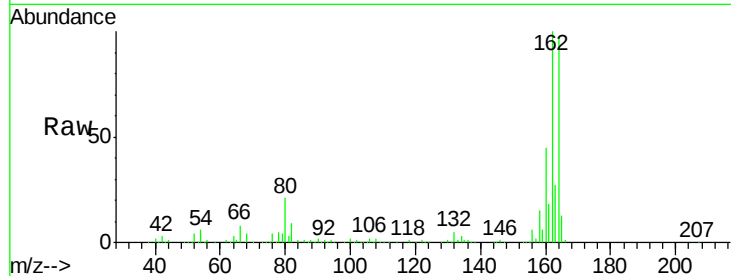
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	228415		
162	103.6	81.3	121.9	
160	46.9	36.3	54.5	

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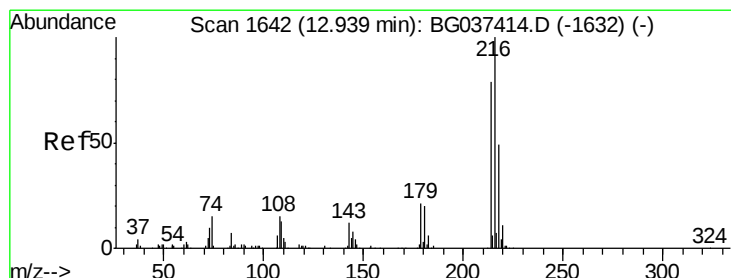
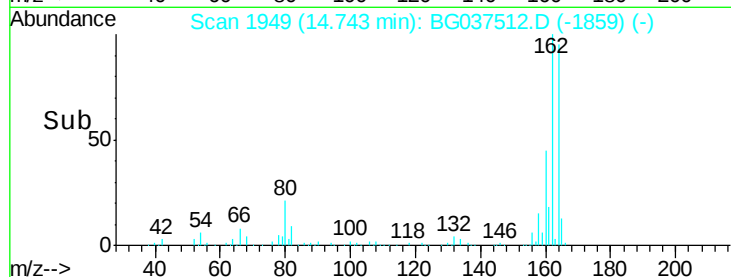
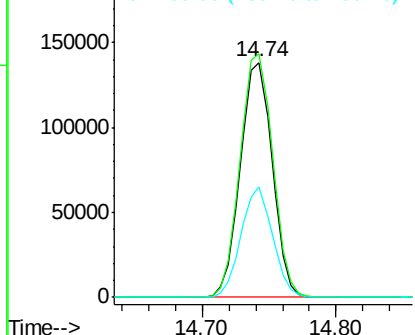


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.081 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	280570		
214	79.7	63.8	95.6	
179	21.0	17.4	26.0	
108	19.4	13.9	20.9	

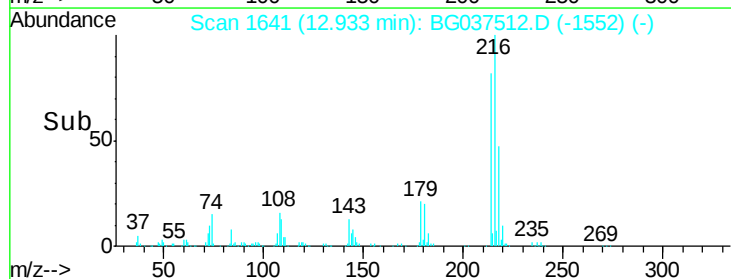
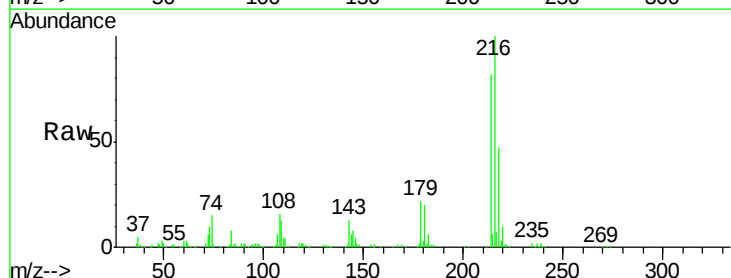
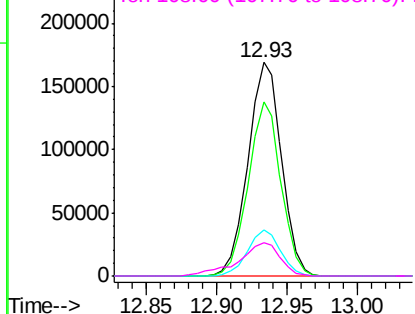
Abundance

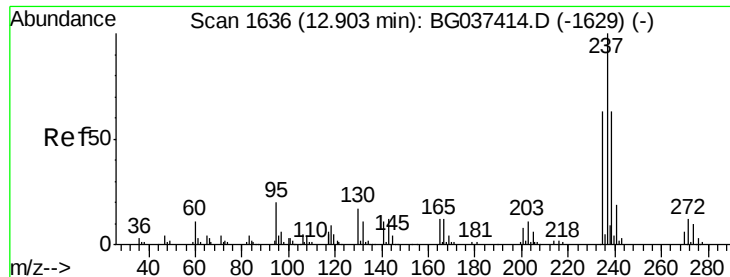
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 92.090 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

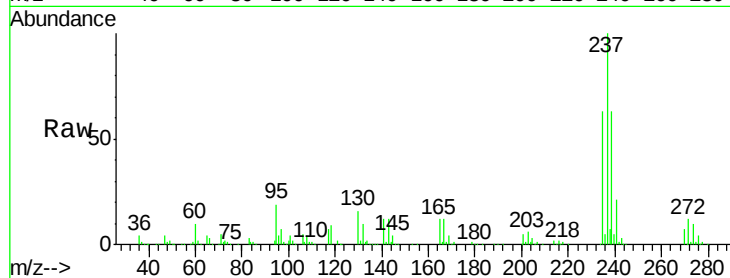
ClientSampleId :

PB114123BS

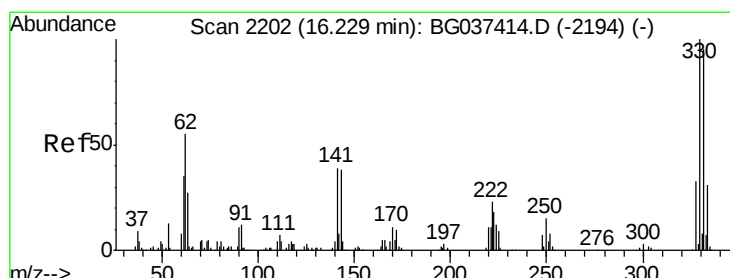
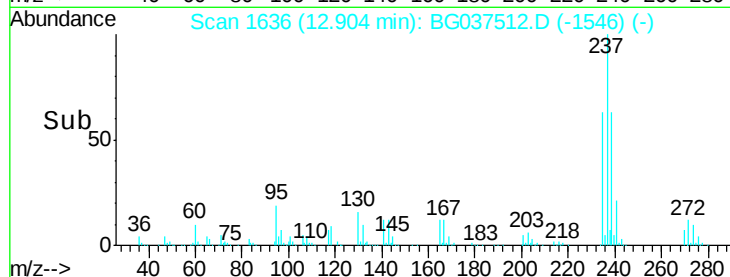
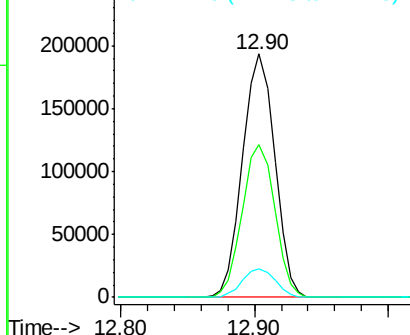
Tgt Ion:	237	Resp:	324096
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.5	82.5
272	11.6	0.0	31.6

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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



#42

2,4,6-Tribromophenol

Concen: 134.695 ng

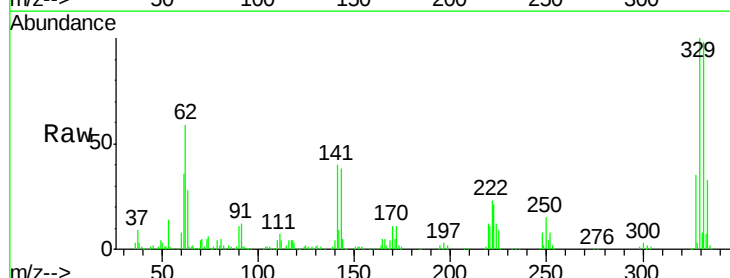
RT: 16.23 min Scan# 2202

Delta R.T. 0.00 min

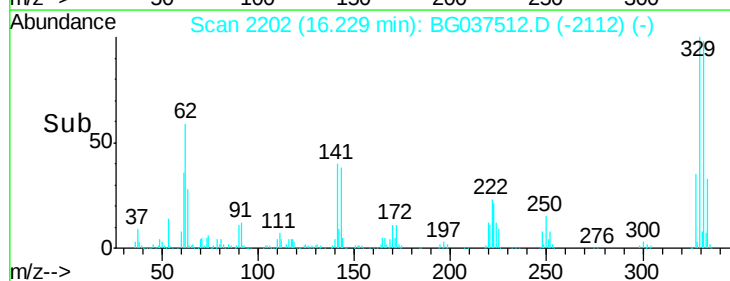
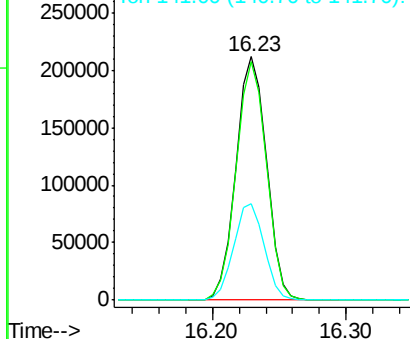
Lab File: BG037512.D

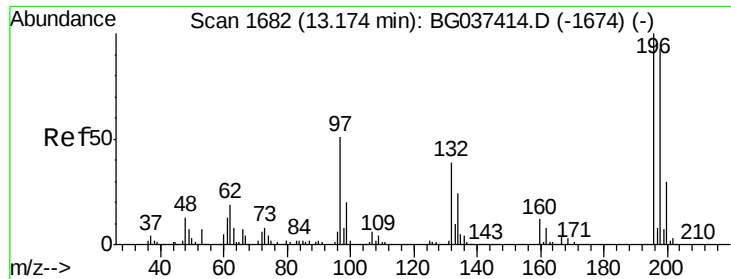
Acq: 24 Oct 2018 15:30

Tgt Ion:	330	Resp:	335565
Ion Ratio	Lower	Upper	
330	100		
332	96.8	78.4	117.6
141	39.7	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





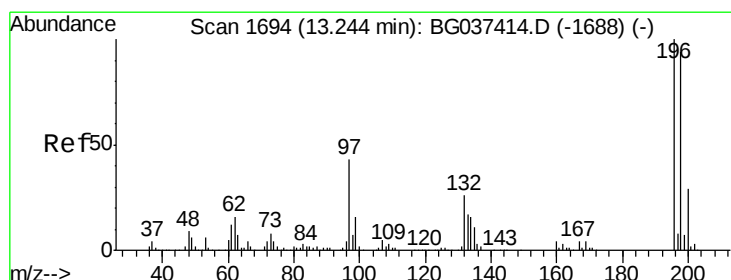
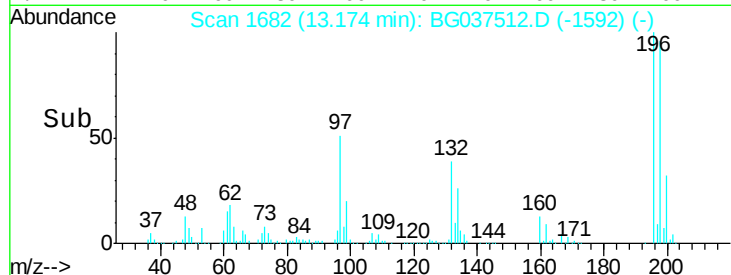
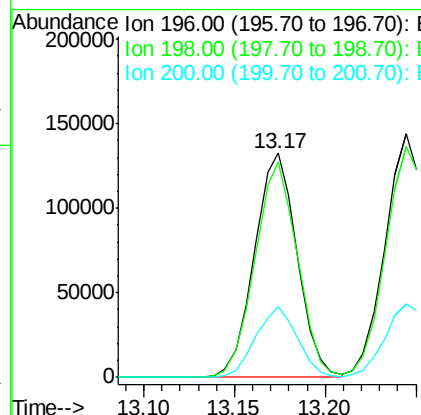
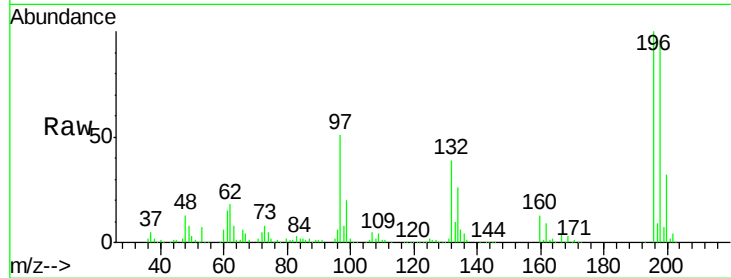
#43
 2,4,6-Trichlorophenol
 Concen: 43.855 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215865		
198	96.2	76.4	114.6	
200	31.6	24.9	37.3	

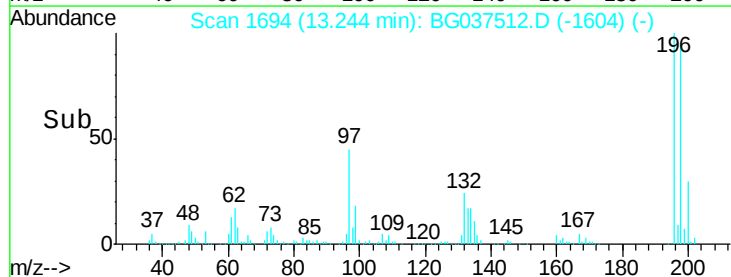
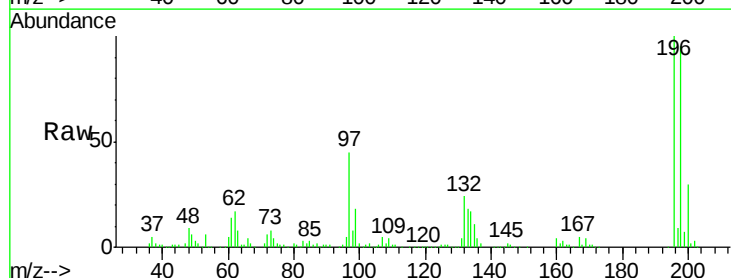
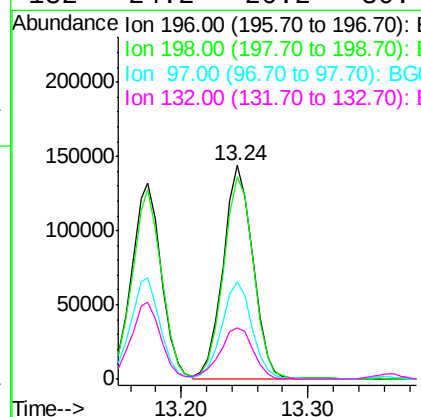
Manual Integrations
 APPROVED

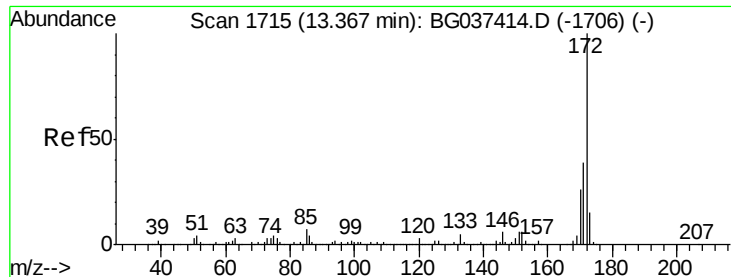
Sohil
 10/25/2018 2:12:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.841 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234947		
198	94.6	74.2	111.2	
97	45.4	34.1	51.1	
132	24.2	20.2	30.4	





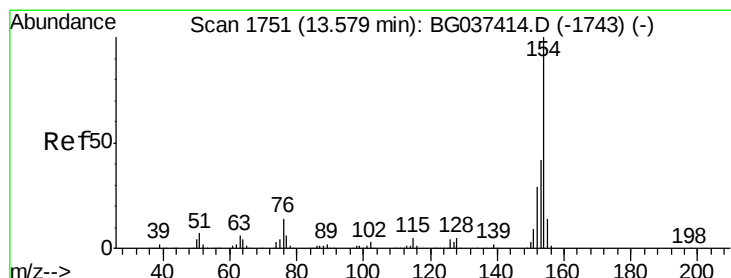
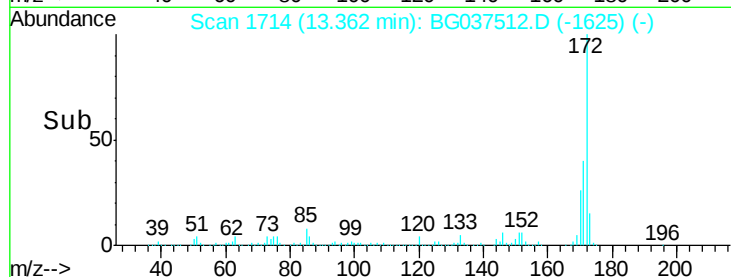
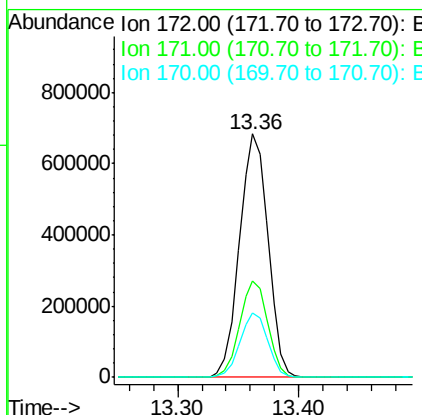
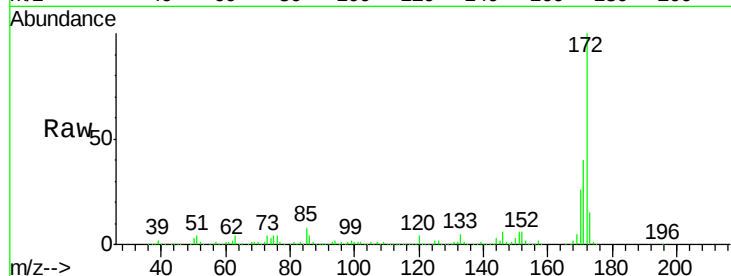
#45
 2-Fluorobiphenyl
 Concen: 74.419 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	26.5	20.2	30.2

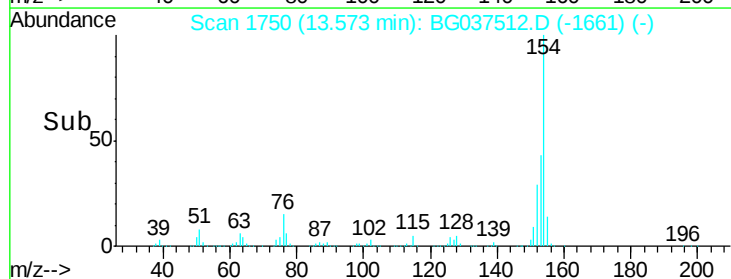
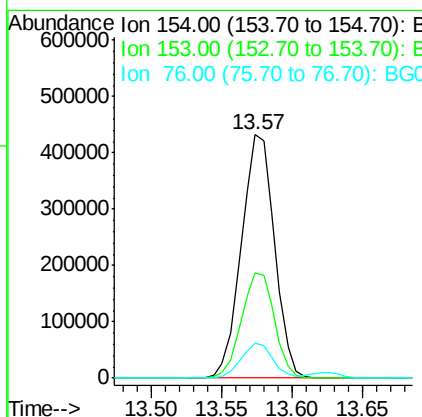
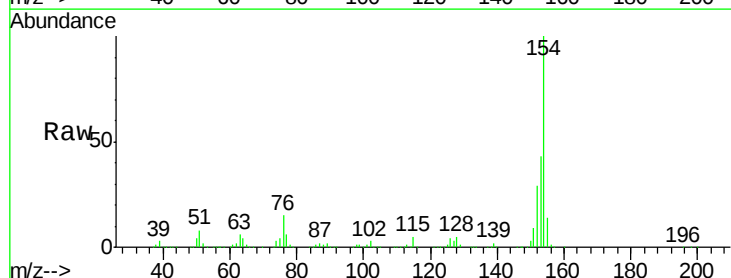
Manual Integrations
 APPROVED

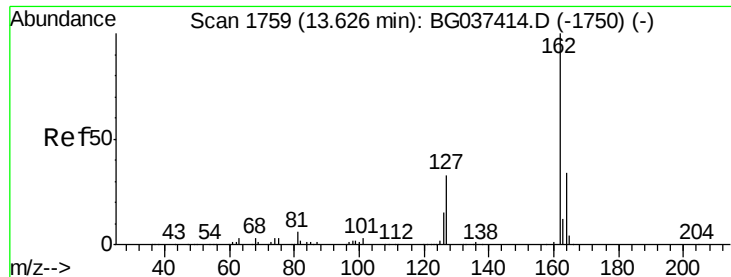
Sohil
 10/25/2018 2:12:57 PM



#46
 1,1'-Biphenyl
 Concen: 37.498 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.1	62.1
76	14.6	0.0	33.2





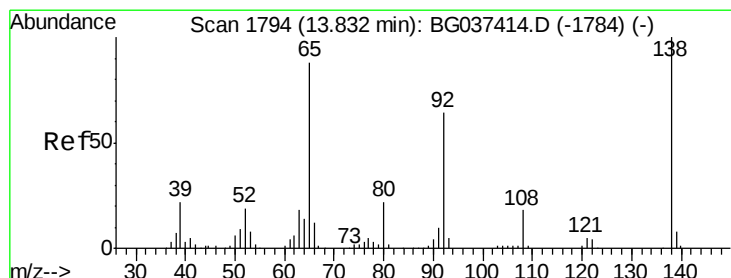
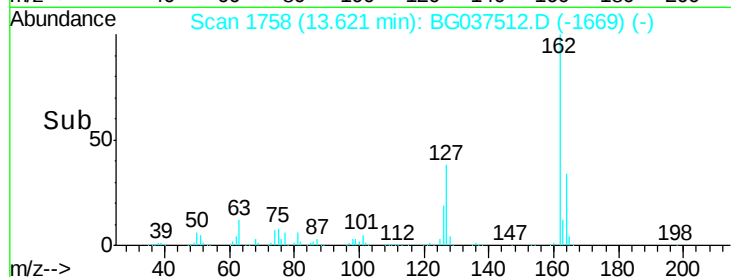
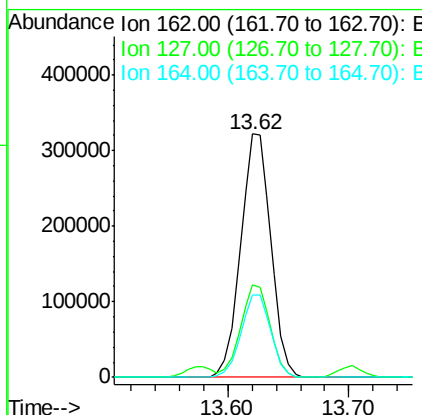
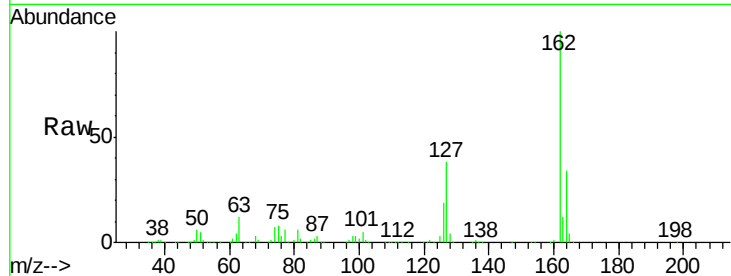
#47
2-Chloronaphthalene
Concen: 39.031 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	558585		
127	38.2	30.5	45.7	
164	33.9	26.4	39.6	

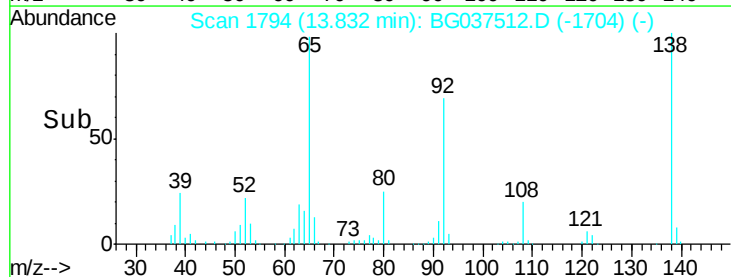
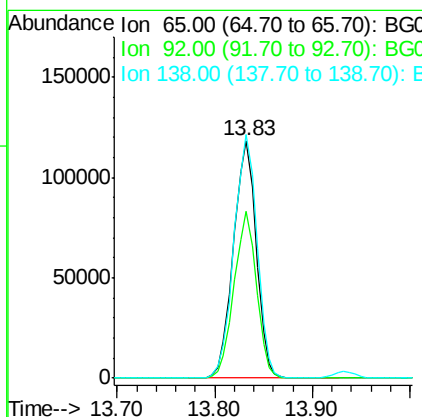
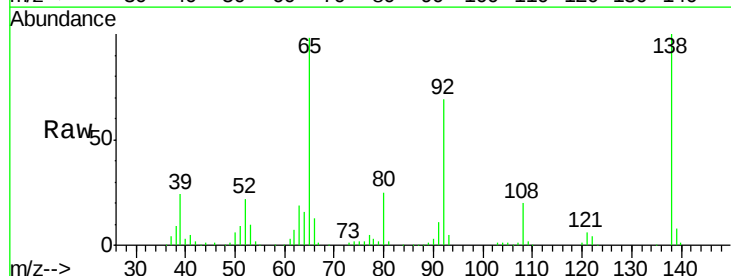
Manual Integrations
APPROVED

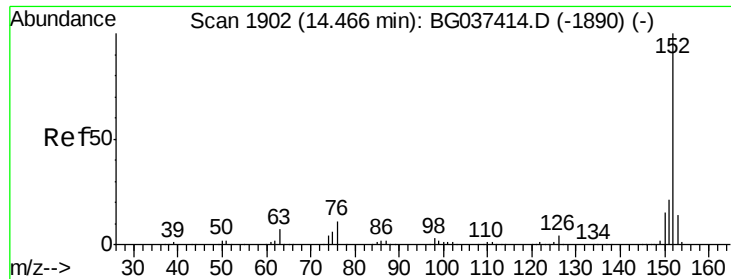
Sohil
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#48
2-Nitroaniline
Concen: 44.603 ng
RT: 13.83 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193573		
92	70.5	53.2	79.8	
138	102.5	79.3	118.9	





#49

Acenaphthylene

Concen: 42.818 ng

RT: 14.47 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

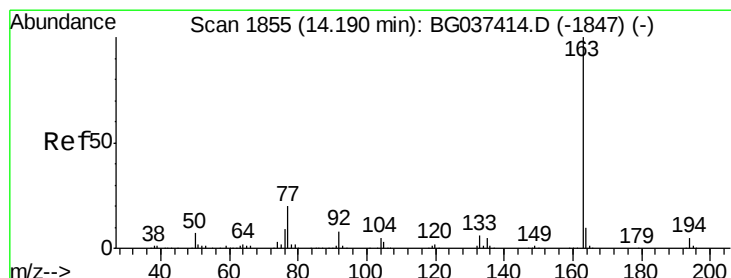
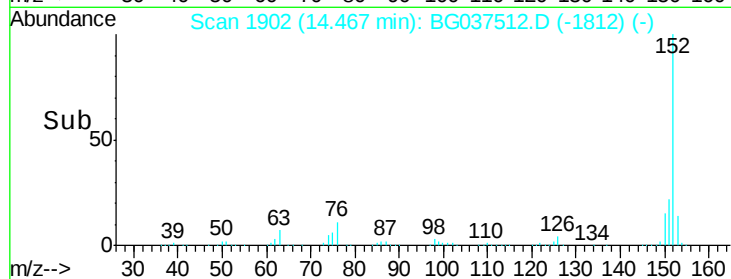
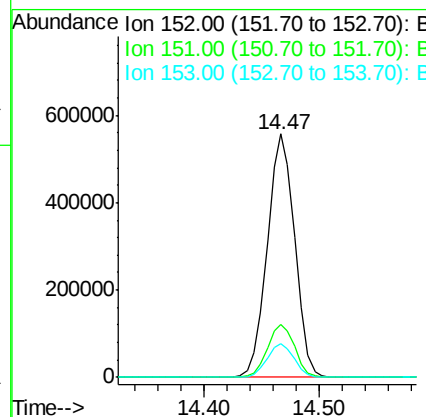
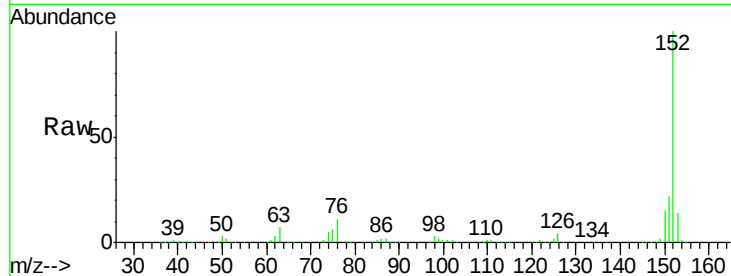
ClientSampleId :

PB114123BS

Tgt Ion:	152	Resp:	921792
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	13.9	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.749 ng

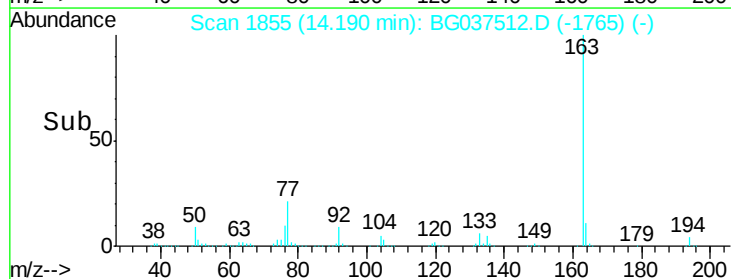
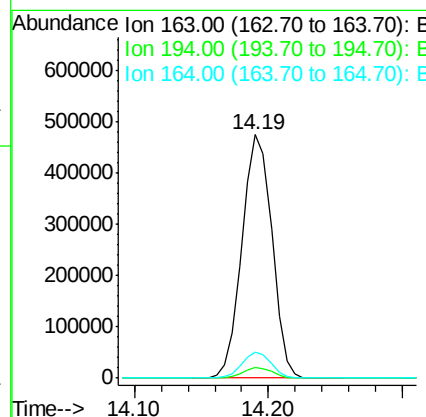
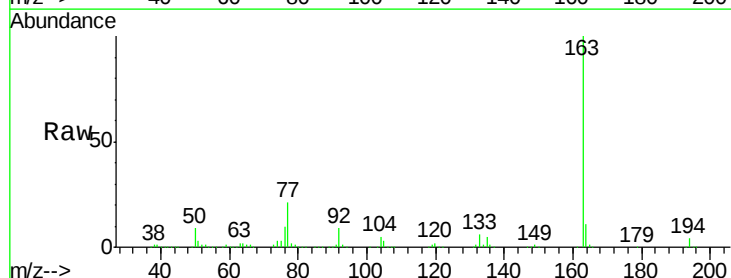
RT: 14.19 min Scan# 1855

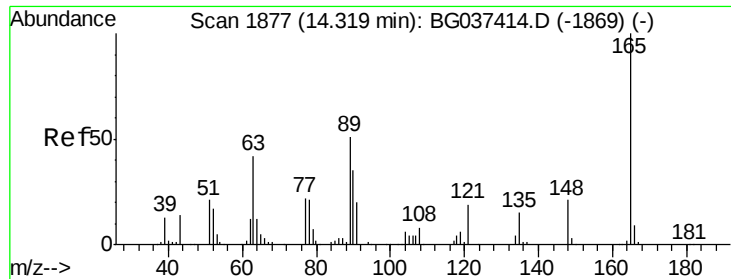
Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	163	Resp:	737738
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.9	8.5	12.7





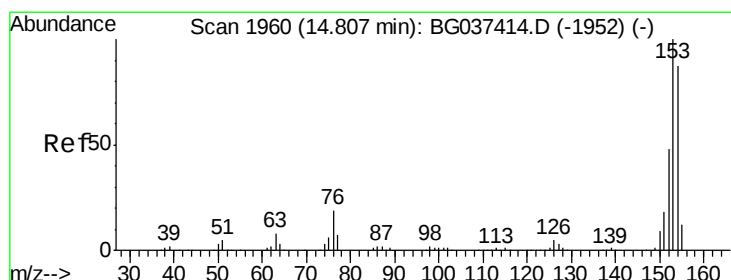
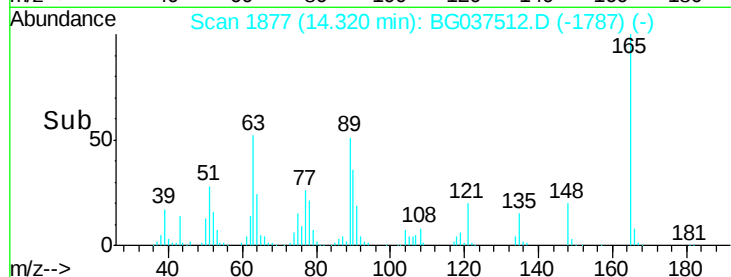
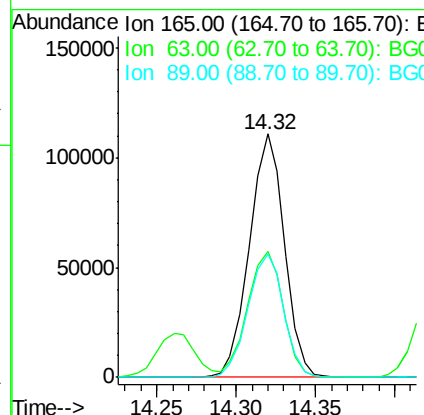
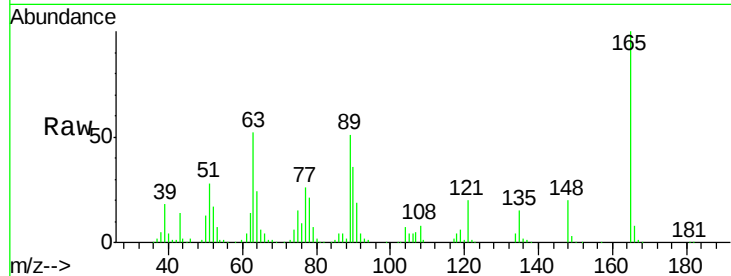
#51
2,6-Dinitrotoluene
Concen: 43.435 ng
RT: 14.32 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.9	43.4	65.2
89	50.7	45.8	68.6

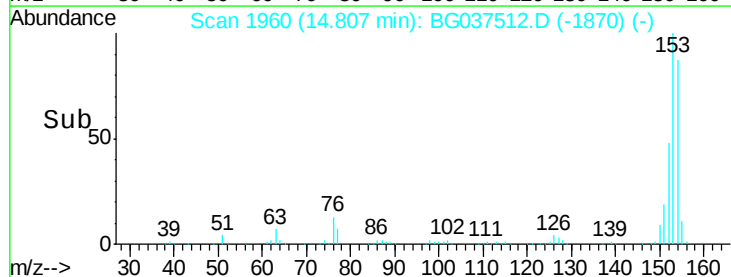
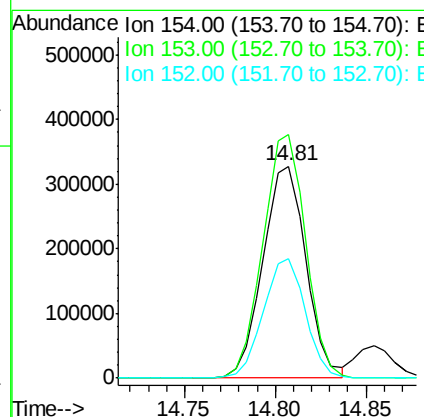
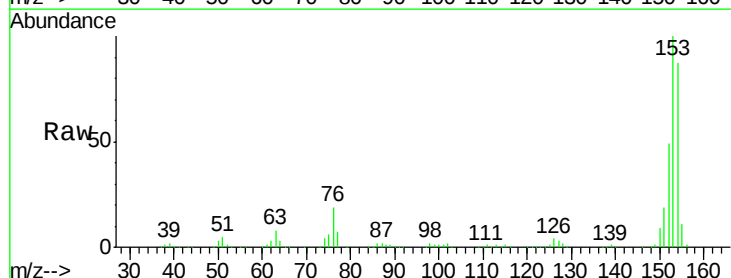
Manual Integrations
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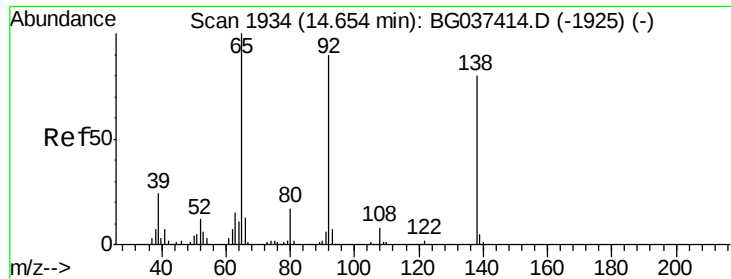
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#52
Acenaphthene
Concen: 40.876 ng
RT: 14.81 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	115.0	93.4	140.0
152	56.3	44.7	67.1





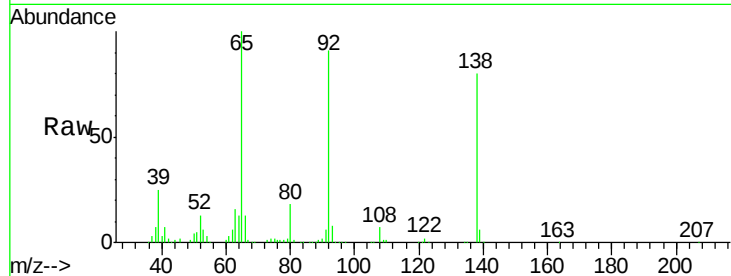
#53
3-Nitroaniline
Concen: 35.194 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

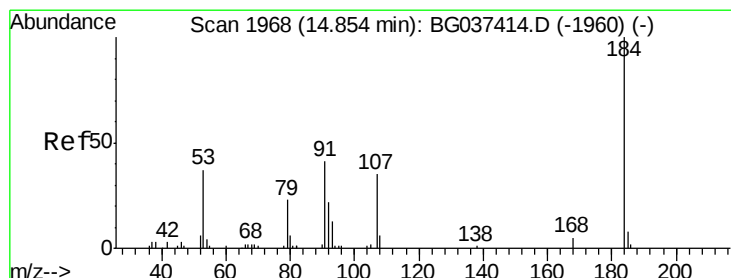
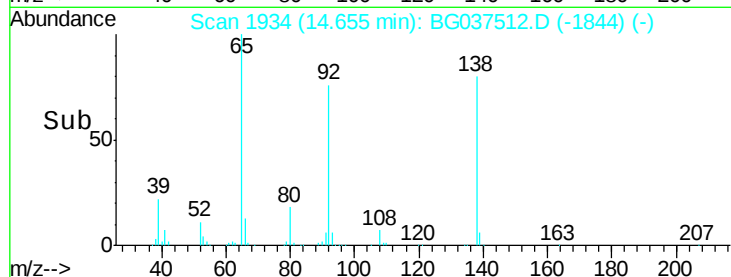
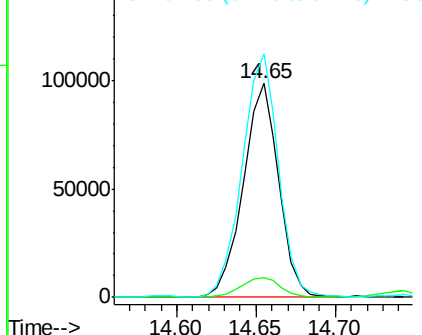
Tgt Ion:138 Resp: 152728
Ion Ratio Lower Upper
138 100
108 9.2 11.0 16.6#
92 113.9 95.2 142.8

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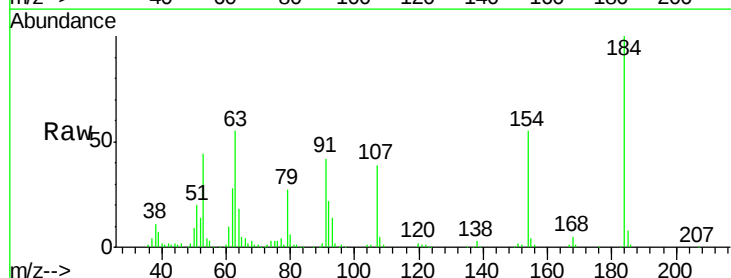


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

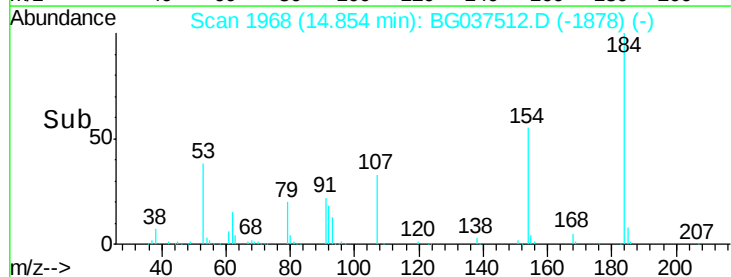
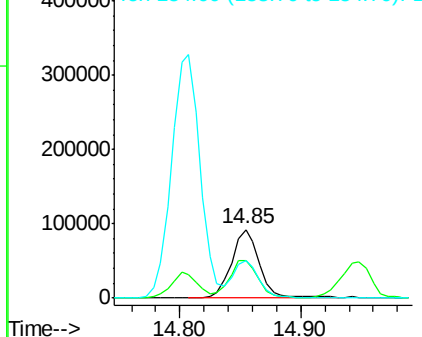


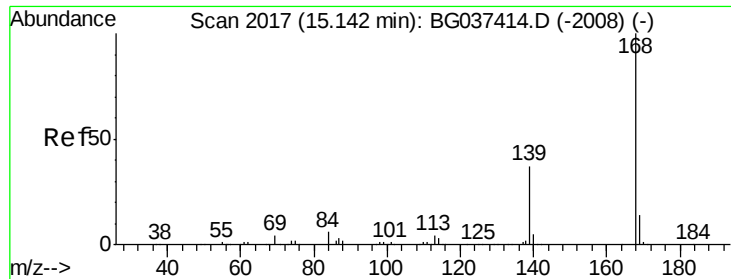
#54
2,4-Dinitrophenol
Concen: 83.086 ng
RT: 14.85 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:184 Resp: 147826
Ion Ratio Lower Upper
184 100
63 54.9 42.6 63.8
154 55.5 41.8 62.6



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





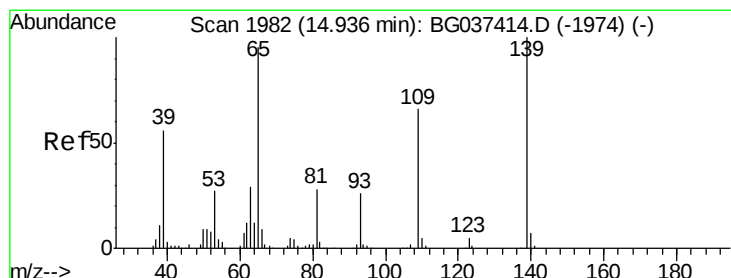
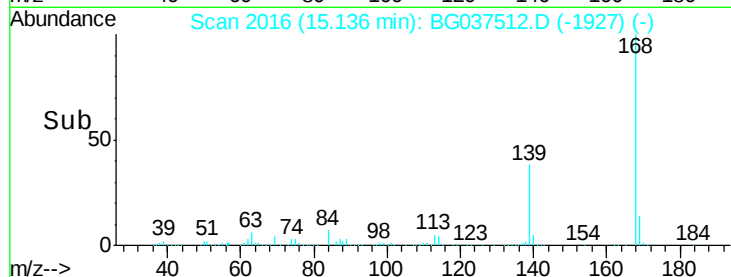
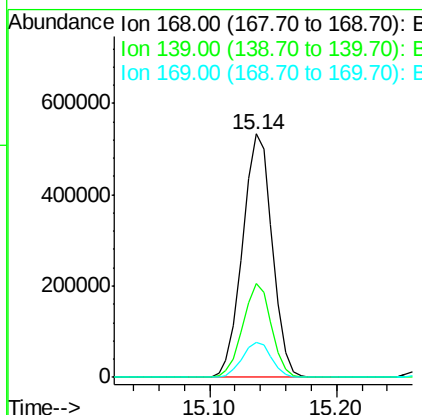
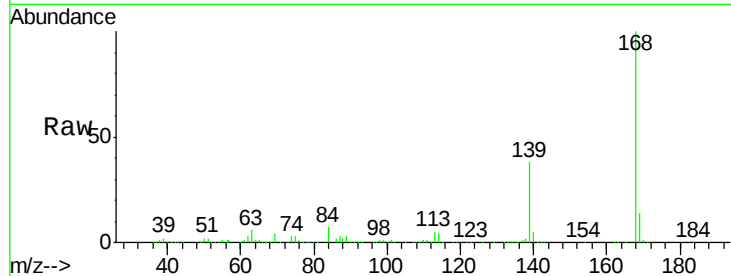
#55
Dibenzofuran
Concen: 39.384 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	865149		
139	38.3	29.4	44.0	
169	14.3	11.0	16.6	

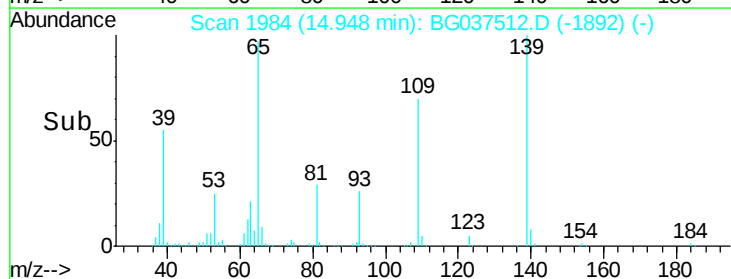
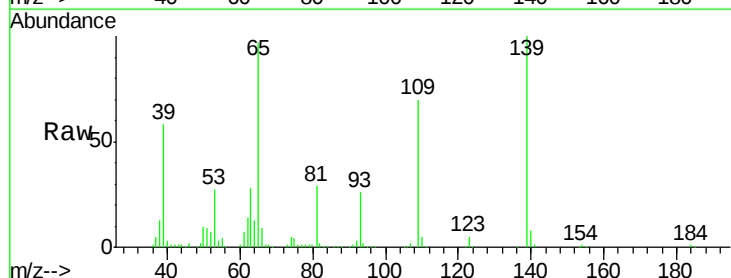
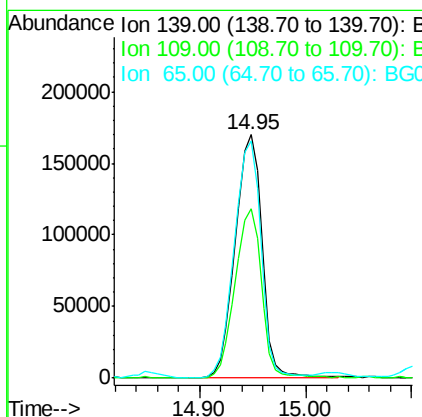
Manual Integrations
APPROVED

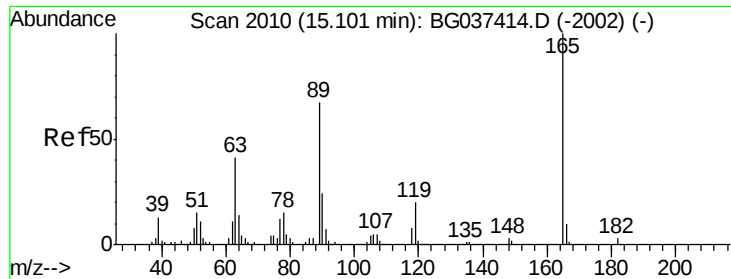
Sohil
10/25/2018 2:12:57 PM



#56
4-Nitrophenol
Concen: 93.052 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	298901		
109	69.5	49.5	89.5	
65	97.3	76.8	116.8	





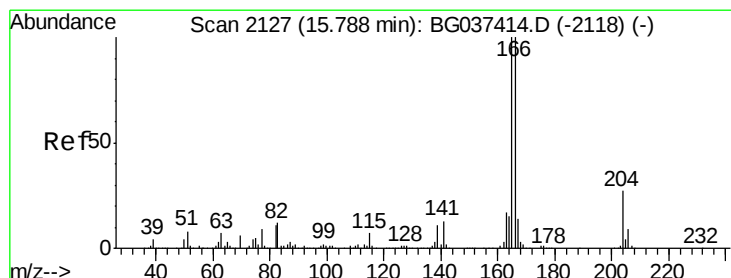
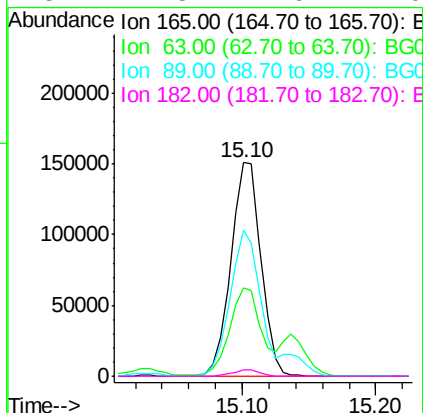
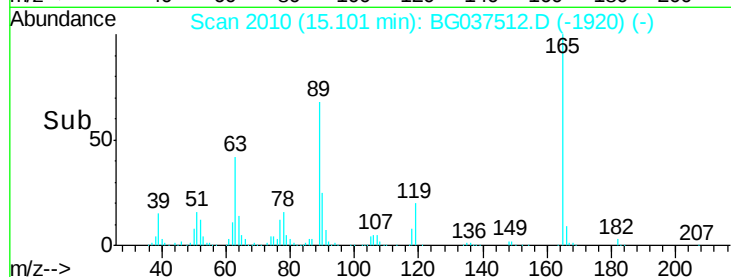
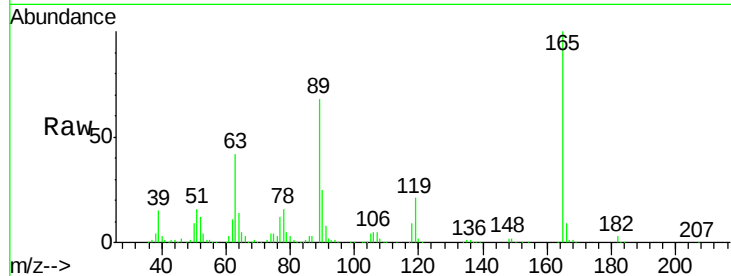
#57
 2,4-Dinitrotoluene
 Concen: 46.256 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.6	33.4	50.0
89	68.2	57.2	85.8
182	2.8	2.6	4.0

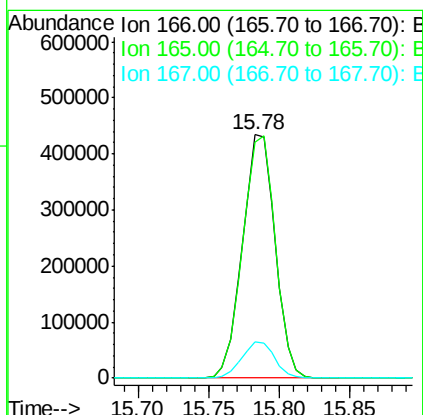
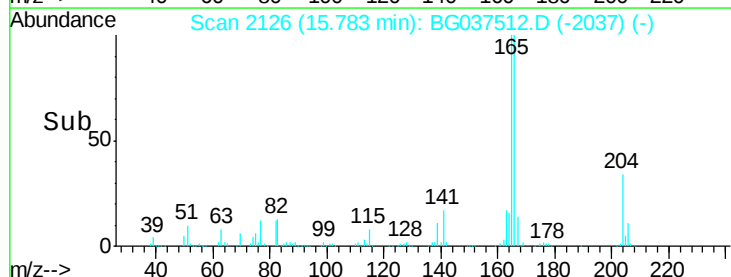
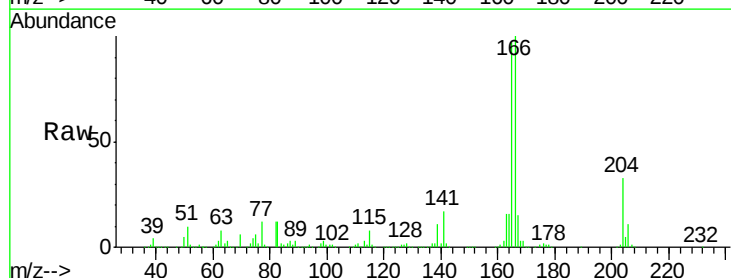
Manual Integrations
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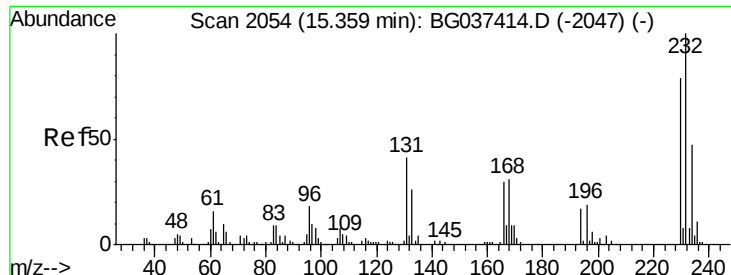
Sohil
 10/25/2018 2:12:57 PM



#58
 Fluorene
 Concen: 42.916 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.7	79.0	118.6
167	14.8	11.3	16.9





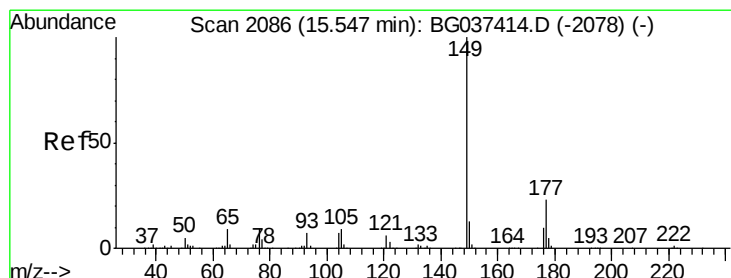
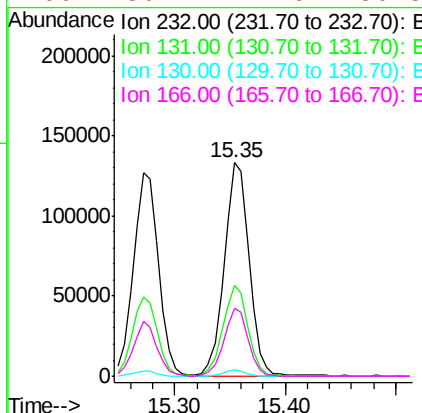
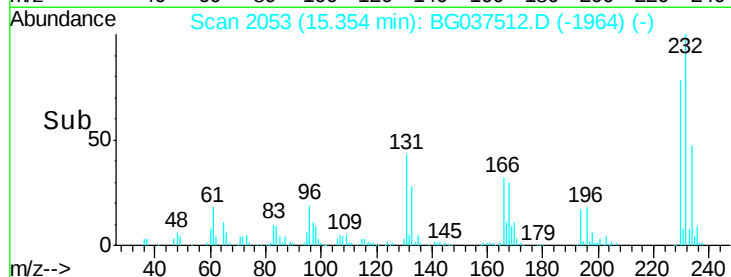
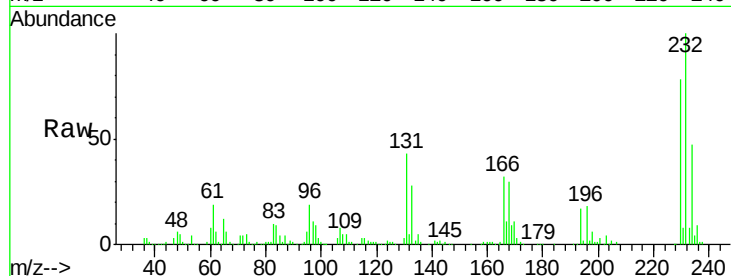
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.554 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.7	50.5
130	2.6	2.1	3.1
166	30.7	24.6	36.8

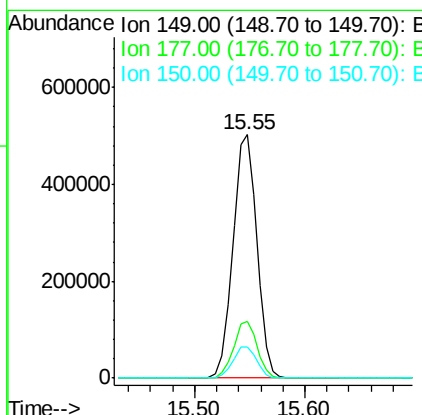
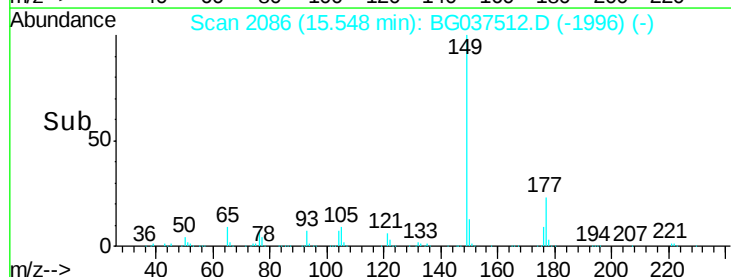
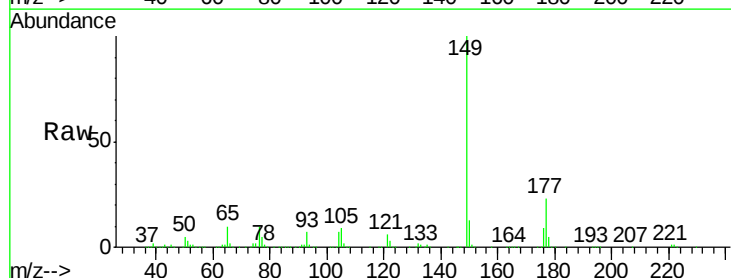
Manual Integrations
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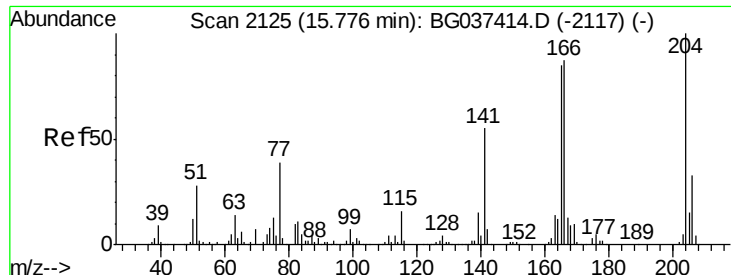
Sohil
 10/25/2018 2:12:57 PM



#60
 Diethylphthalate
 Concen: 42.021 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.9	10.0	15.0





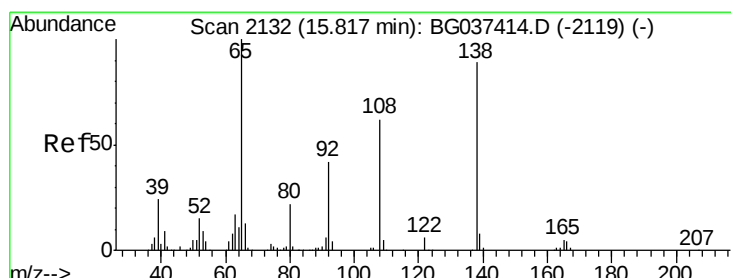
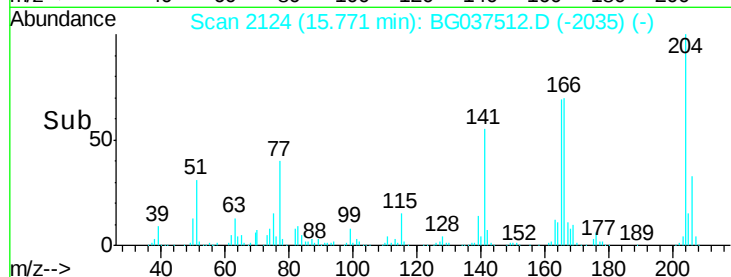
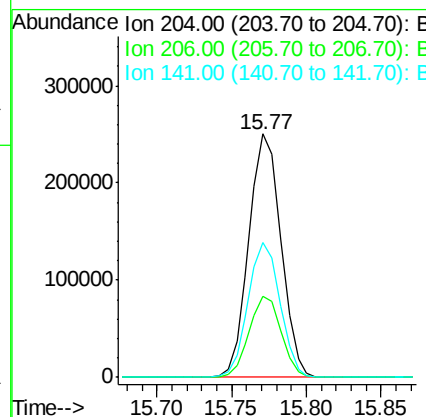
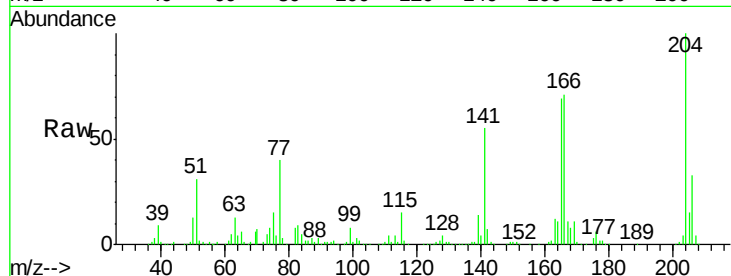
#61
 4-Chlorophenyl-phenylether
 Concen: 38.924 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373209		
206	33.3	26.6	39.8	
141	55.2	45.4	68.2	

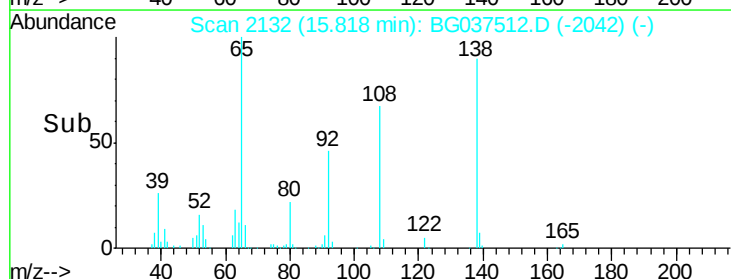
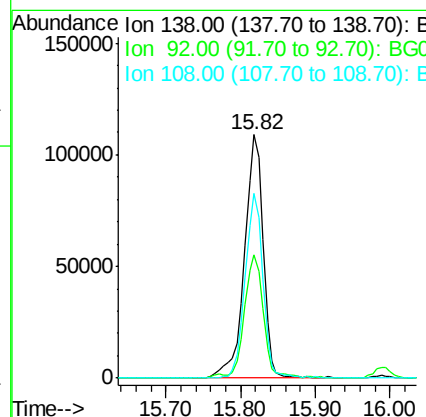
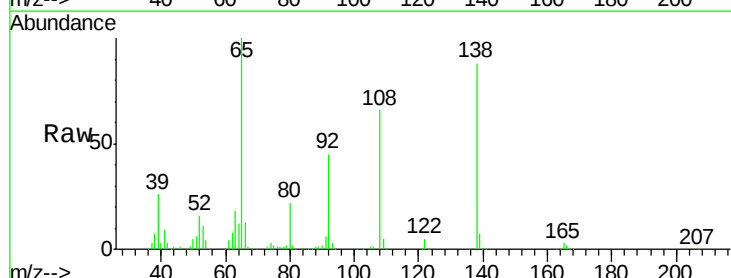
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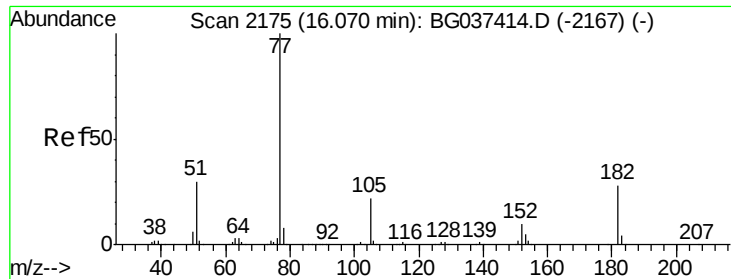
Sohil
 10/25/2018 2:12:57 PM



#62
 4-Nitroaniline
 Concen: 44.023 ng
 RT: 15.82 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	189832		
92	50.7	36.4	76.4	
108	75.7	60.1	100.1	





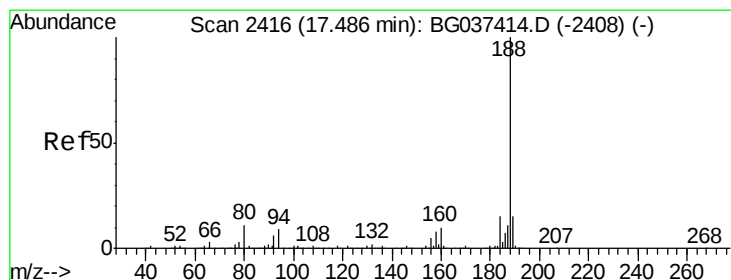
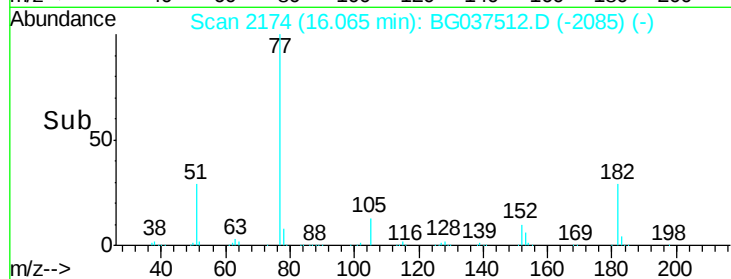
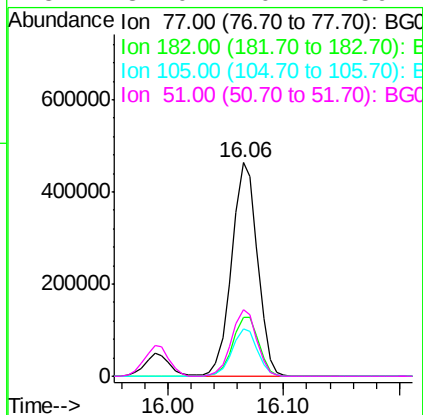
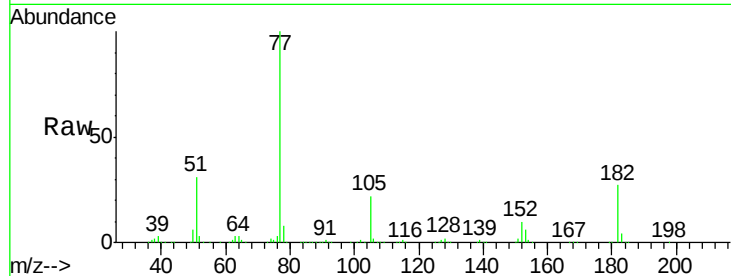
#63
Azobenzene
Concen: 41.244 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.0	48.0
105	22.1	1.3	41.3
51	31.0	10.7	50.7

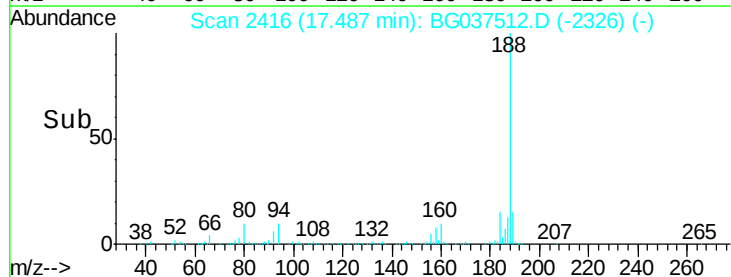
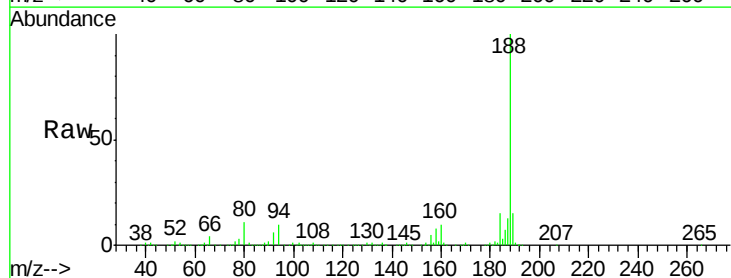
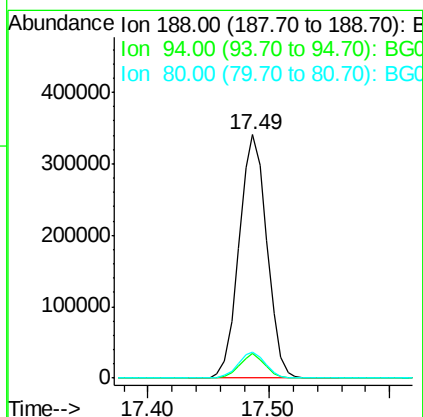
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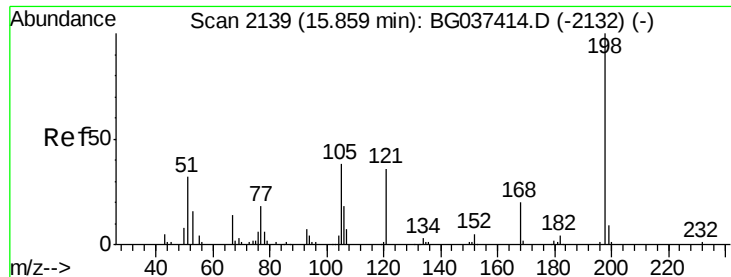
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.593 ng

RT: 15.86 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

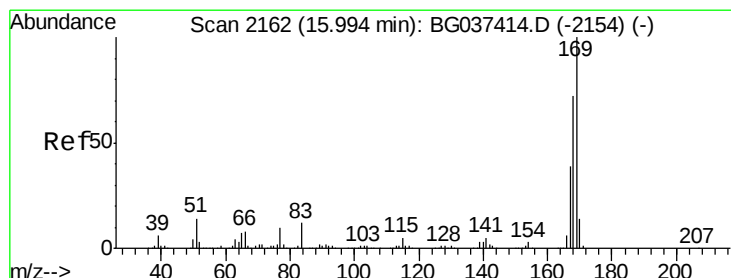
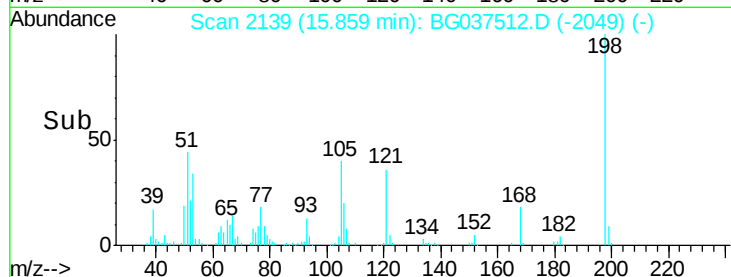
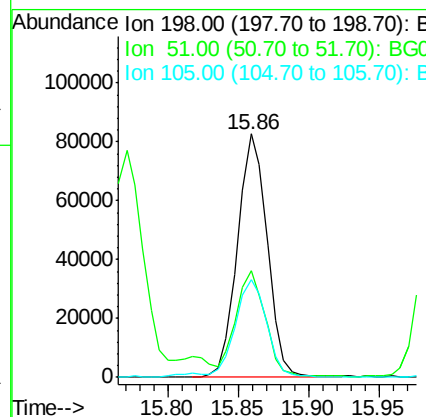
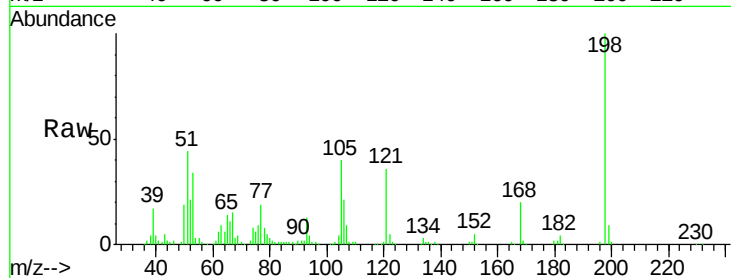
ClientSampleId :

PB114123BS

Tgt Ion:	198	Resp:	122290
Ion Ratio	Lower	Upper	
198	100		
51	43.9	22.7	62.7
105	40.0	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.669 ng

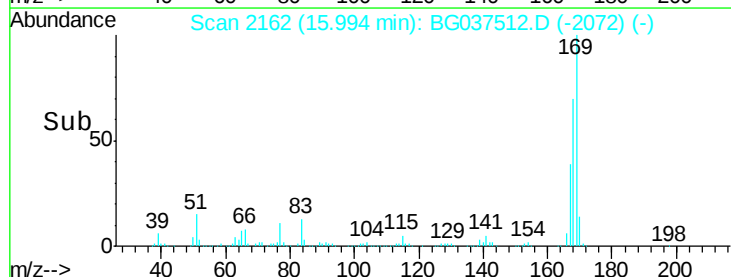
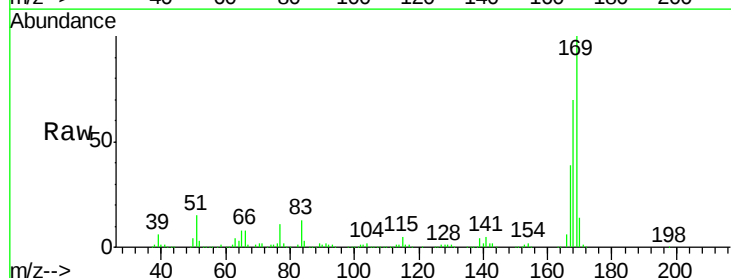
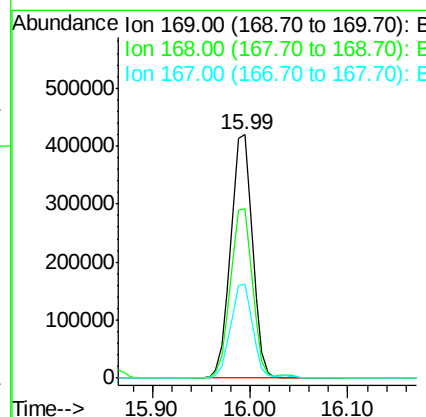
RT: 15.99 min Scan# 2162

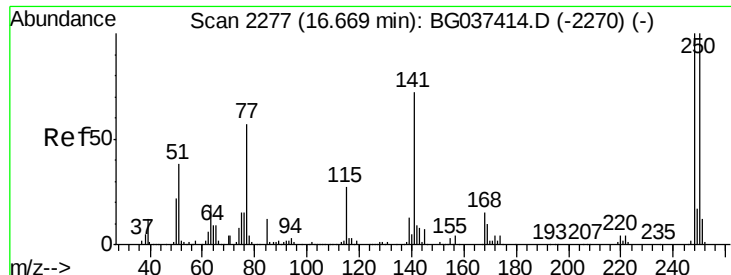
Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	169	Resp:	652105
Ion Ratio	Lower	Upper	
169	100		
168	69.7	55.7	83.5
167	38.8	31.3	46.9





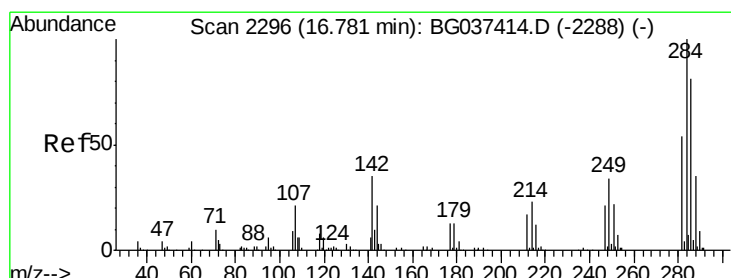
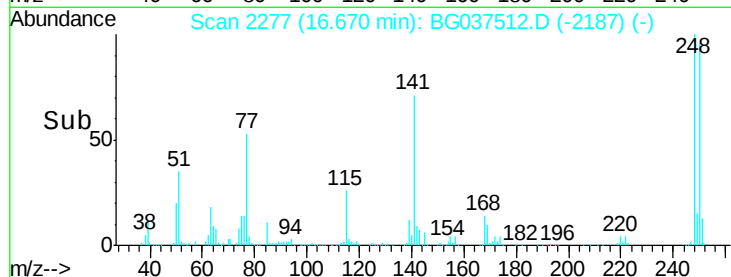
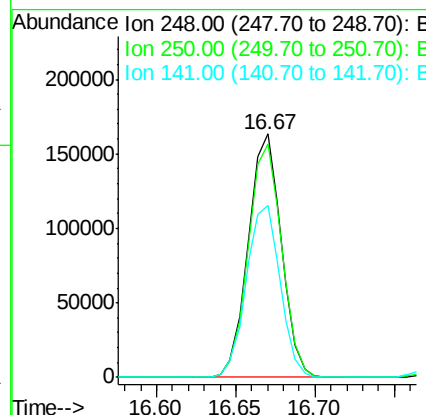
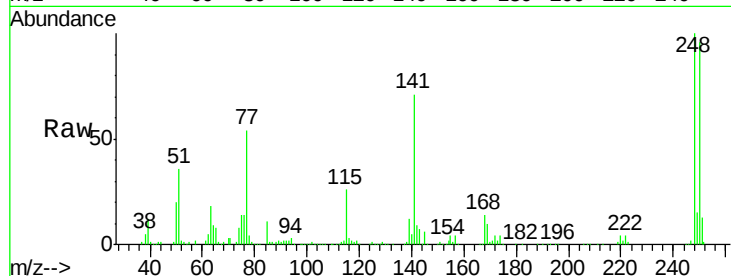
#67
 4-Bromophenyl-phenylether
 Concen: 39.351 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	236158		
250	96.0	77.0	115.6	
141	70.9	55.5	83.3	

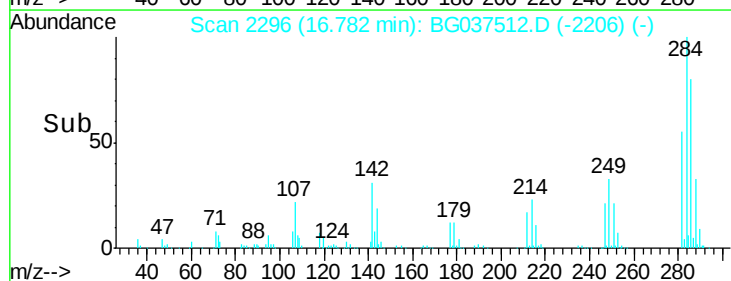
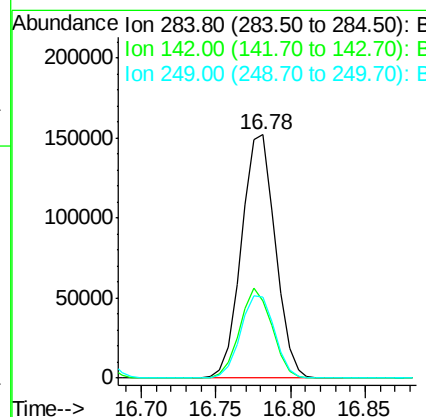
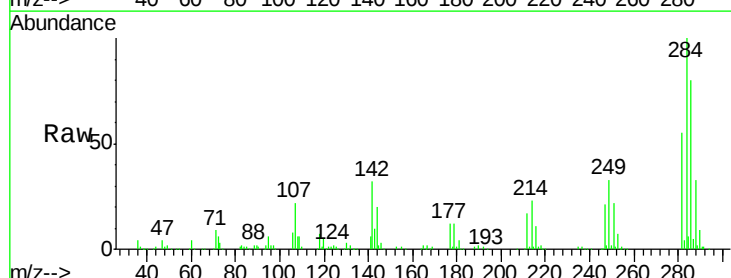
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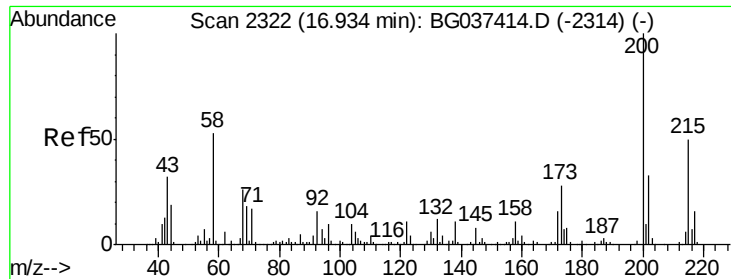
Sohil
 10/25/2018 2:12:57 PM



#68
 Hexachlorobenzene
 Concen: 38.317 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	238326		
142	31.9	28.1	42.1	
249	35.5	29.8	44.8	





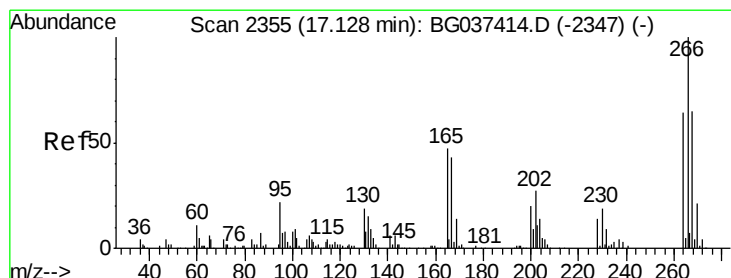
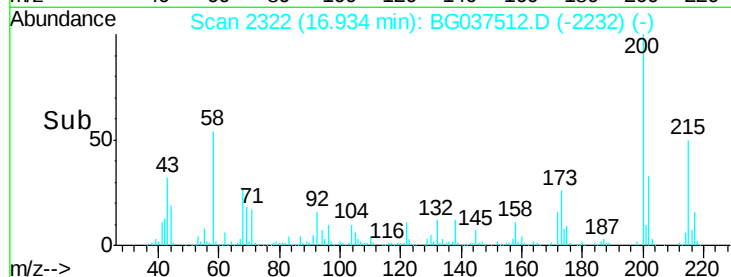
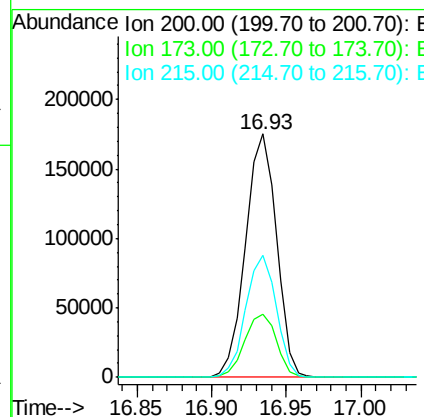
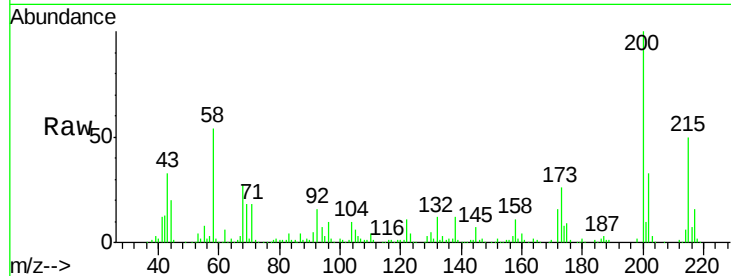
#69
 Atrazine
 Concen: 42.333 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.1	46.1
215	50.3	30.8	70.8

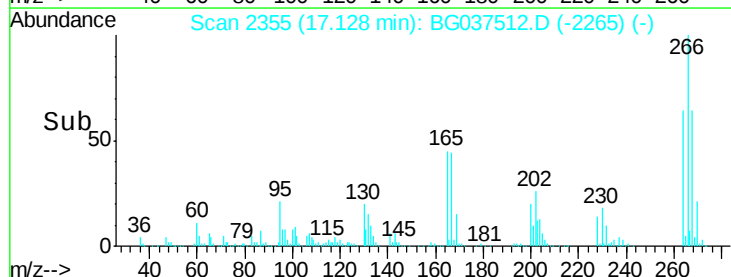
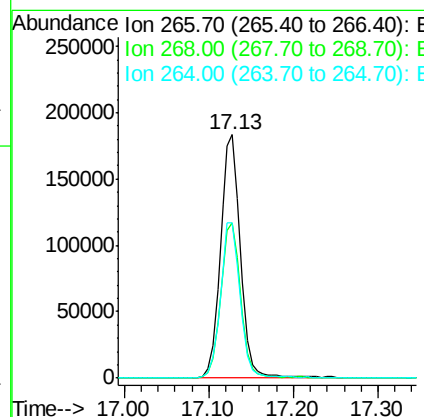
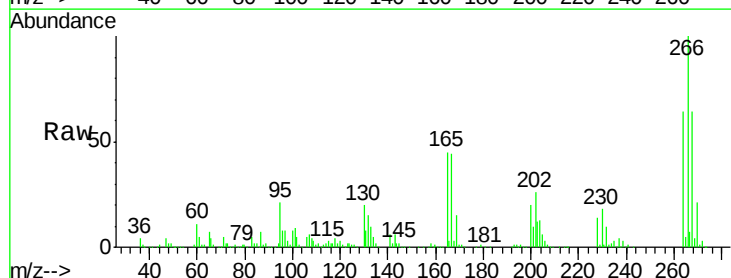
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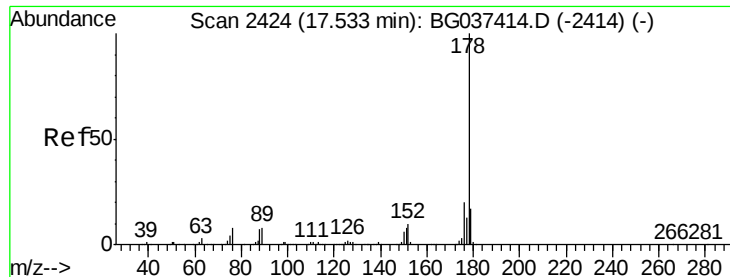
Sohil
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#70
 Pentachlorophenol
 Concen: 72.913 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	55.0	82.6
264	68.3	58.9	88.3





#71

Phenanthrene

Concen: 41.296 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

ClientSampleId :

PB114123BS

Tgt Ion:178 Resp: 1146965

Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

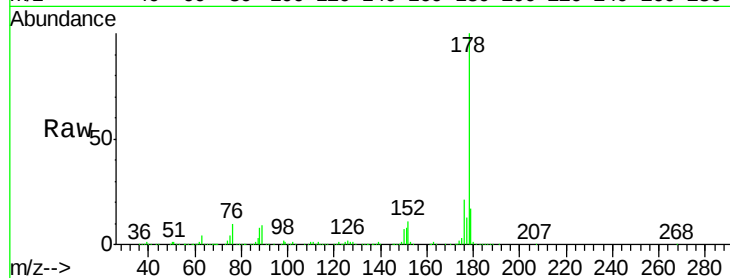
179 17.3 13.0 19.4

Manual Integrations

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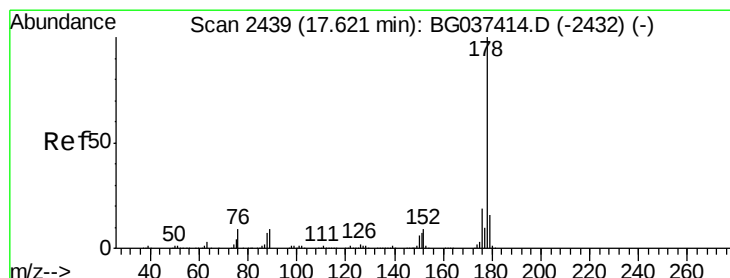
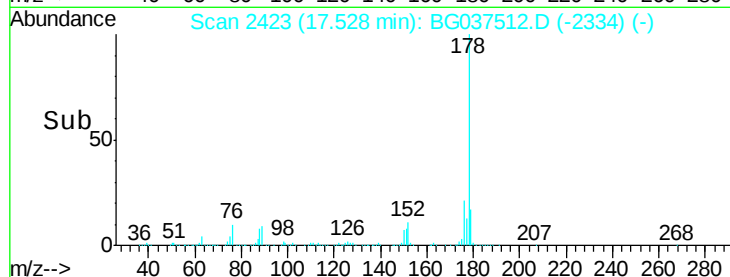
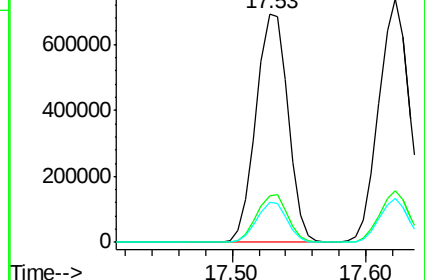
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.841 ng

RT: 17.62 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:178 Resp: 1167708

Ion Ratio Lower Upper

178 100

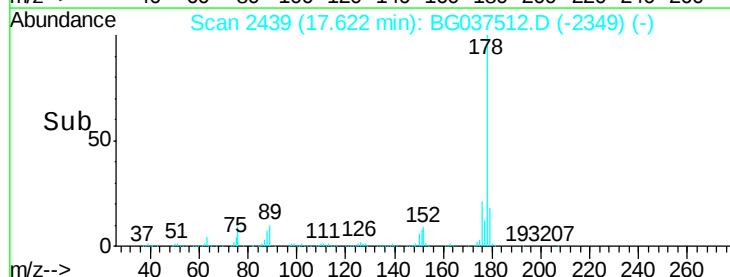
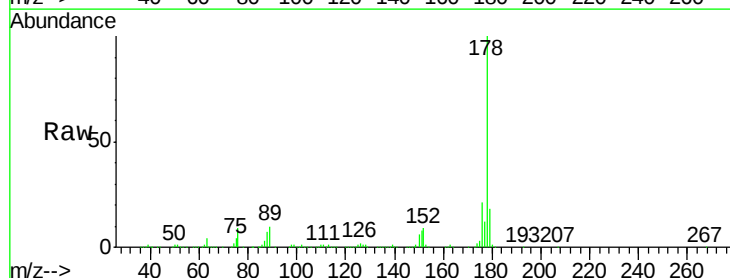
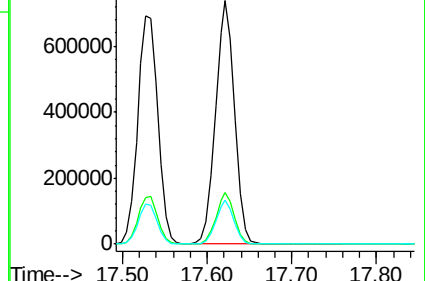
176 21.3 15.0 22.4

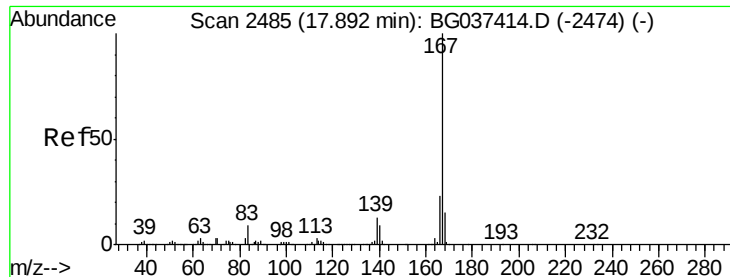
179 18.3 12.8 19.2

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





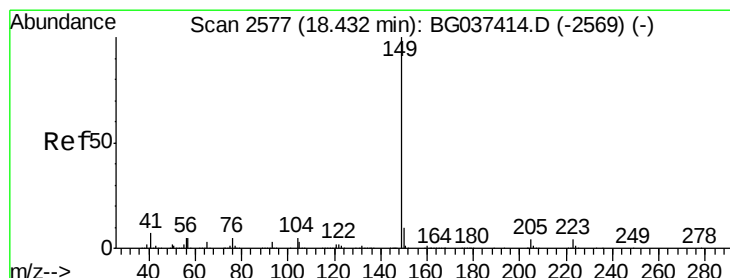
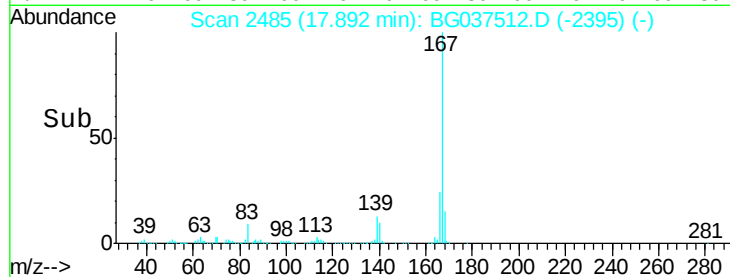
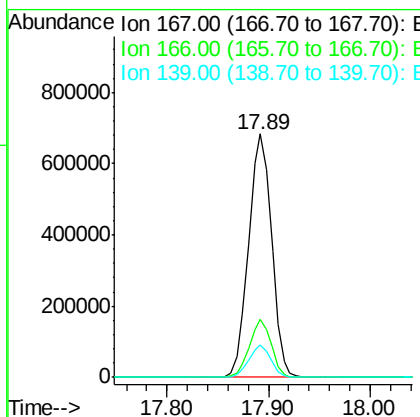
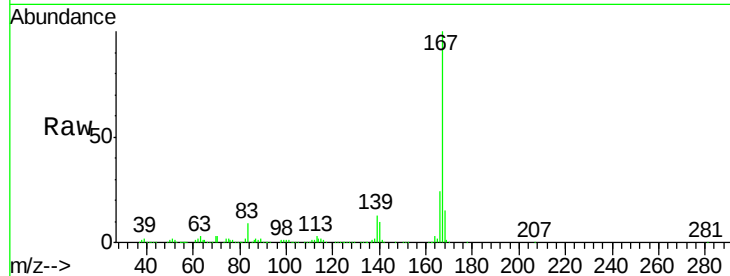
#73
 Carbazole
 Concen: 39.636 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion:167 Resp: 1080675
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.3 27.5
 139 13.4 10.5 15.7

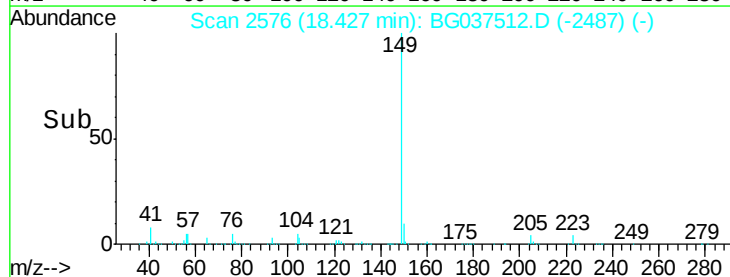
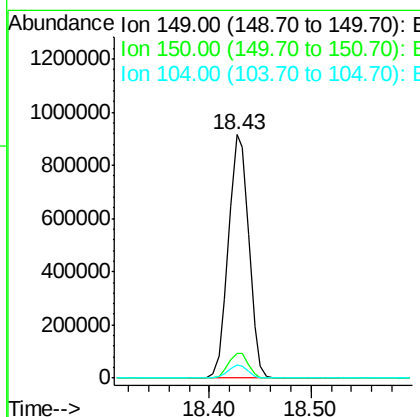
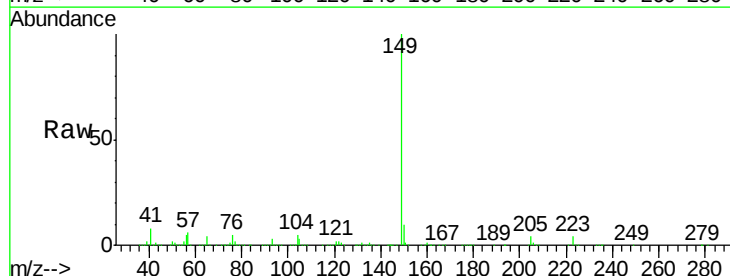
Manual Integrations
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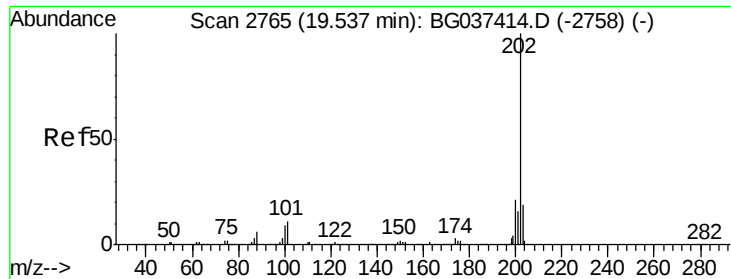
Sohil
 10/25/2018 2:12:57 PM



#74
 Di-n-butylphthalate
 Concen: 42.194 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:149 Resp: 1279715
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 42.216 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

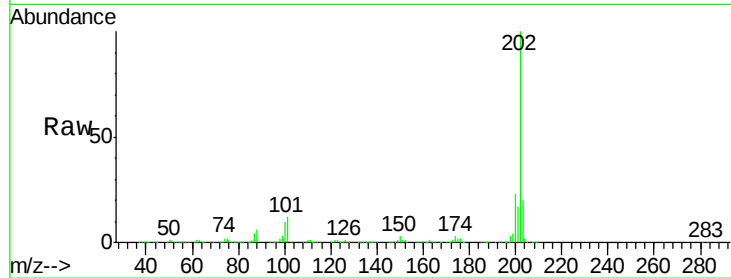
ClientSampleId :

PB114123BS

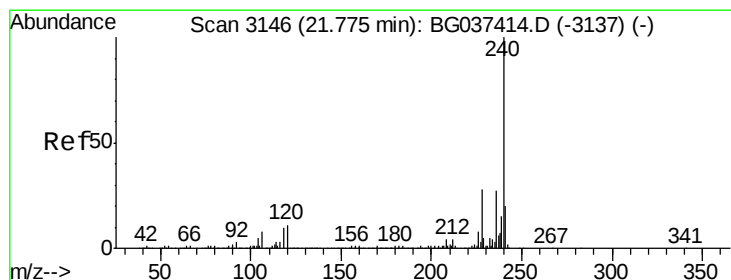
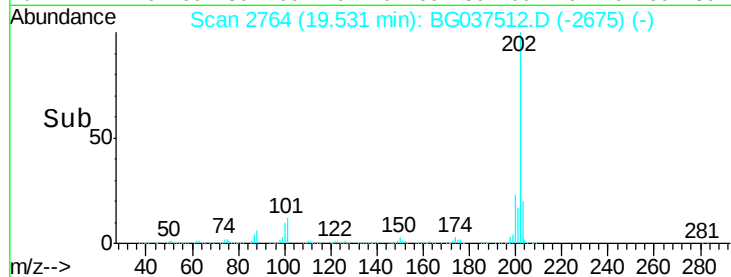
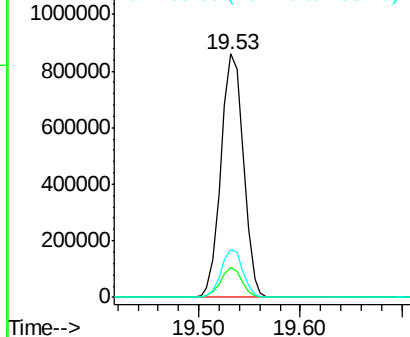
Tgt	Ion	202	Resp:	1329847
Ion	Ratio	Lower	Upper	
202	100			
101	12.4	0.0	30.7	
203	19.8	0.0	38.5	

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

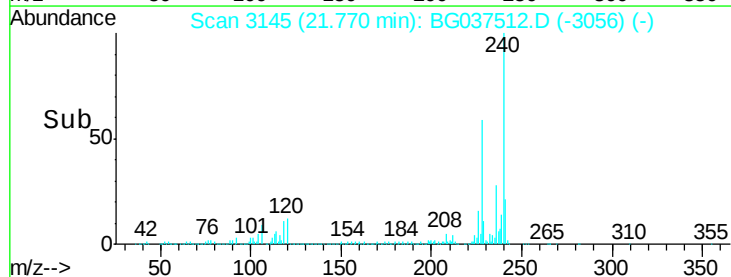
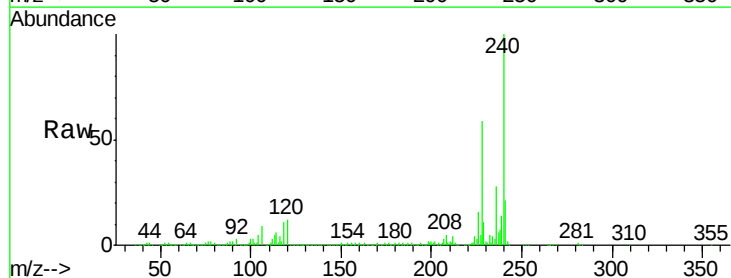
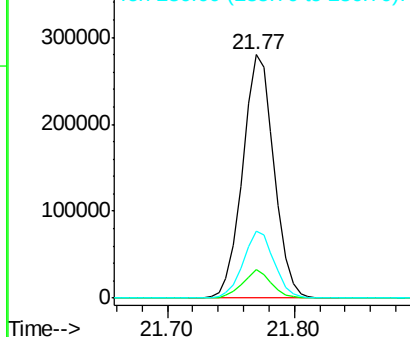
Delta R.T. -0.01 min

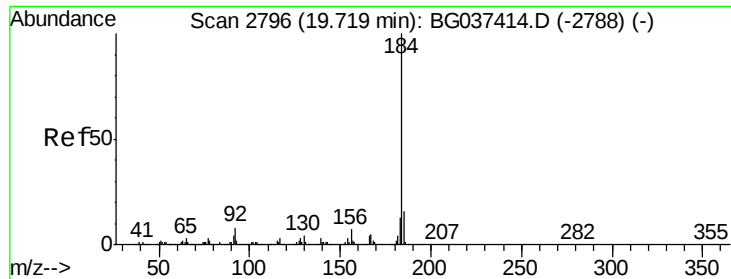
Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt	Ion	240	Resp:	479967
Ion	Ratio	Lower	Upper	
240	100			
120	11.7	8.1	12.1	
236	27.6	21.4	32.0	

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





#77

Benzidine

Concen: 40.849 ng

RT: 19.72 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Instrument :

BNA_G

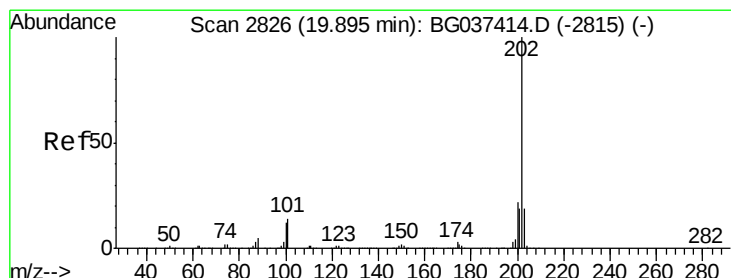
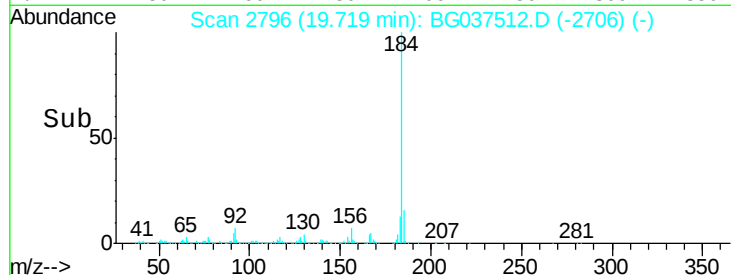
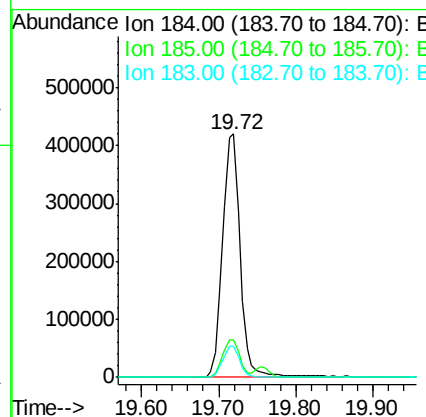
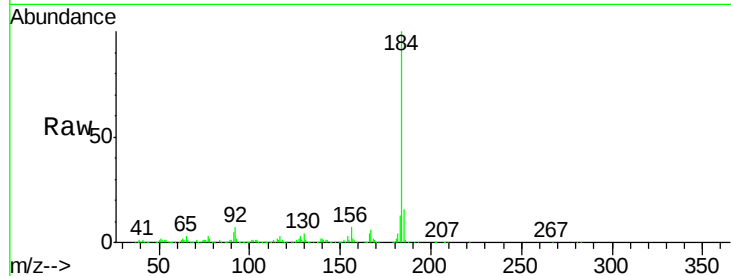
ClientSampleId :

PB114123BS

Tgt Ion:	184	Resp:	666656
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	13.0	10.2	15.2

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#78

Pyrene

Concen: 40.443 ng

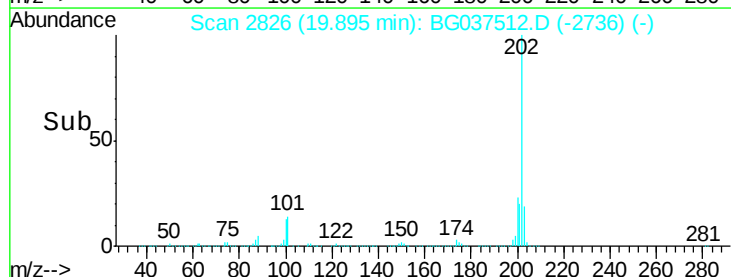
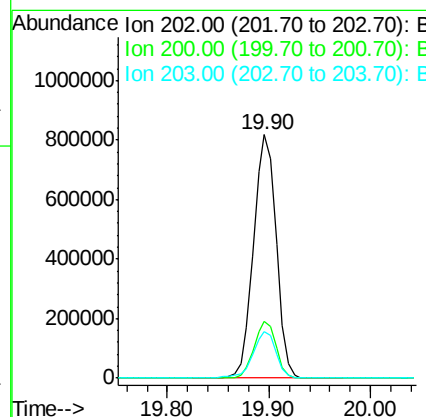
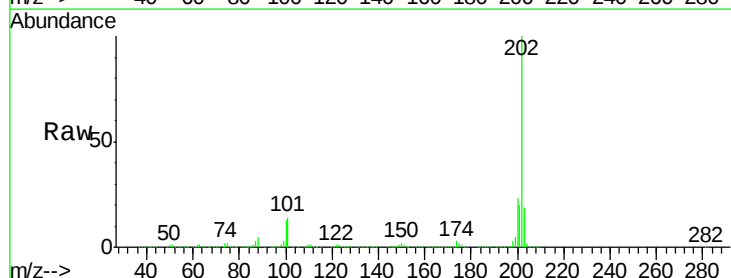
RT: 19.90 min Scan# 2826

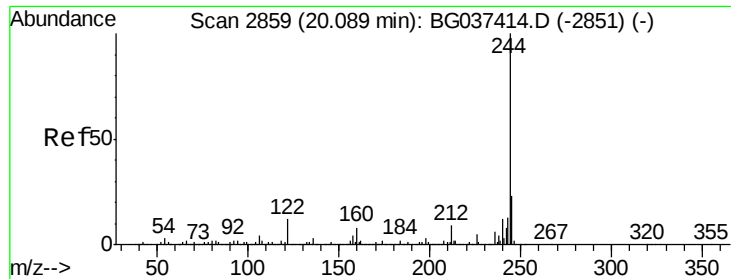
Delta R.T. 0.00 min

Lab File: BG037512.D

Acq: 24 Oct 2018 15:30

Tgt Ion:	202	Resp:	1268949
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.6
203	19.3	15.2	22.8





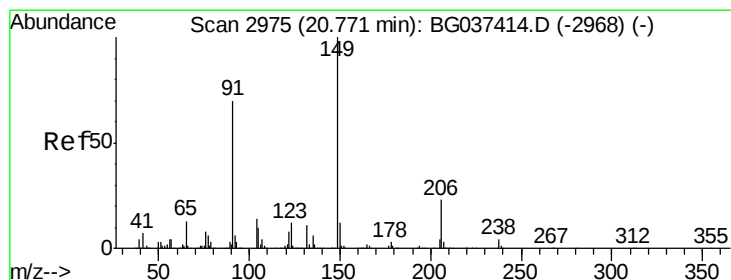
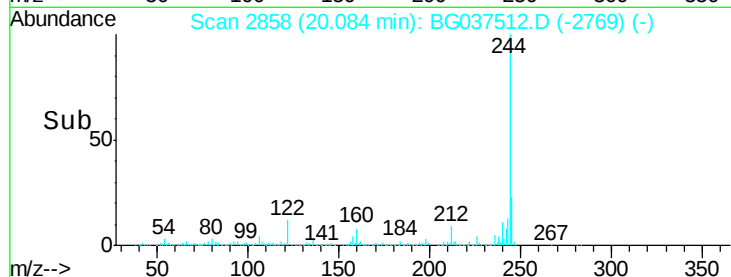
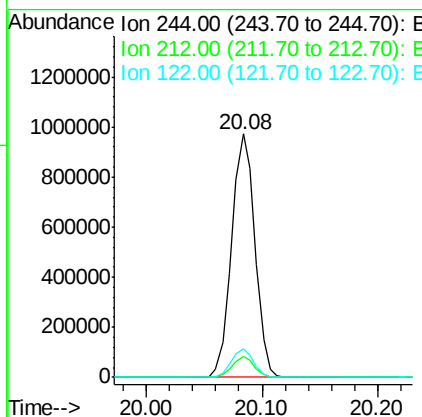
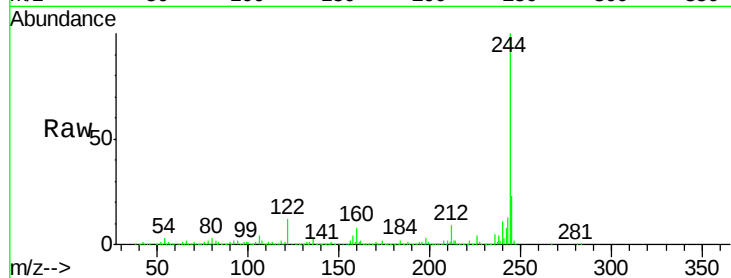
#79
 Terphenyl-d14
 Concen: 60.324 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114123BS

Tgt Ion:244 Resp: 1355018
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 11.6 9.0 13.4

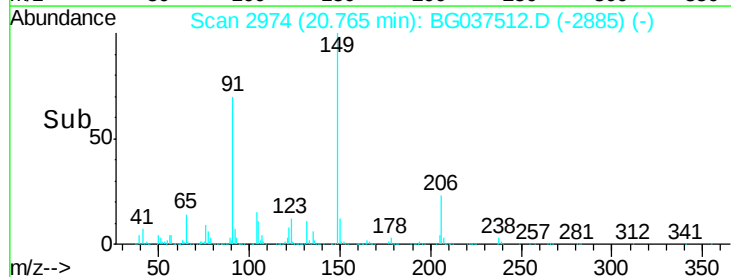
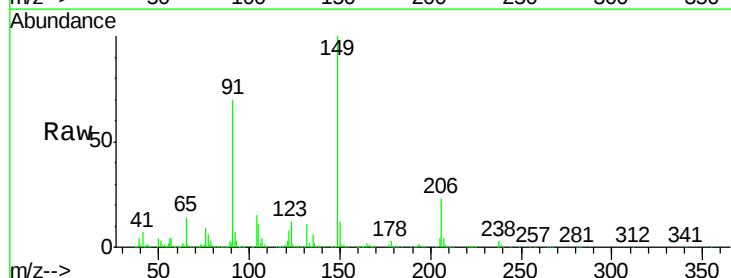
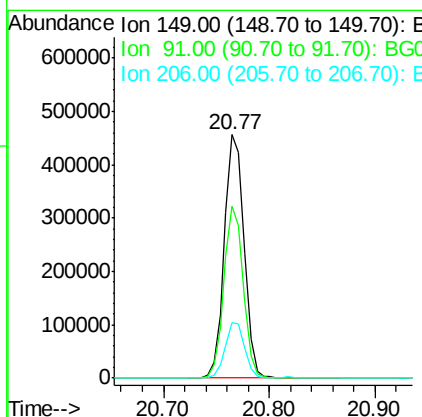
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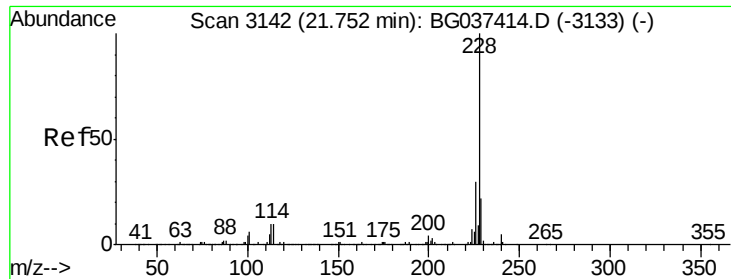
Sohil
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#80
 Butylbenzylphthalate
 Concen: 46.114 ng
 RT: 20.77 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037512.D
 Acq: 24 Oct 2018 15:30

Tgt Ion:149 Resp: 592149
 Ion Ratio Lower Upper
 149 100
 91 70.4 57.0 85.4
 206 22.5 17.8 26.6





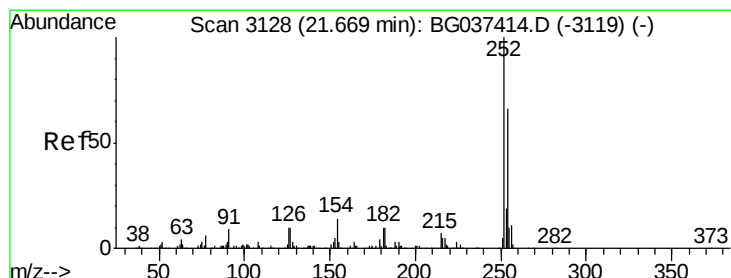
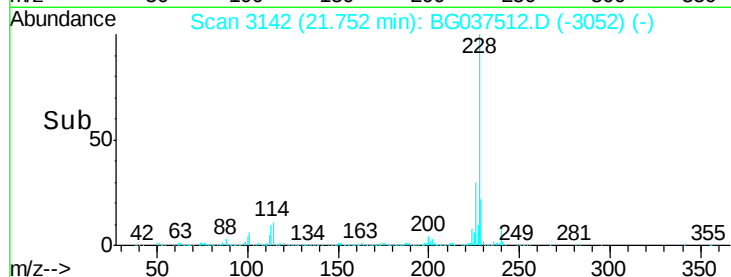
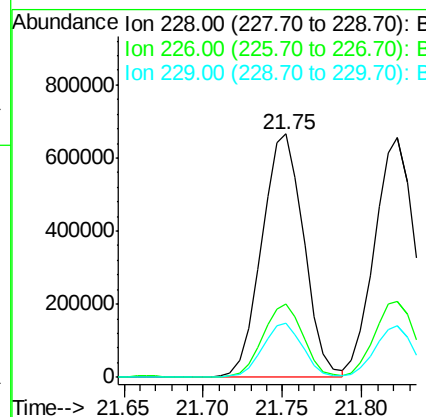
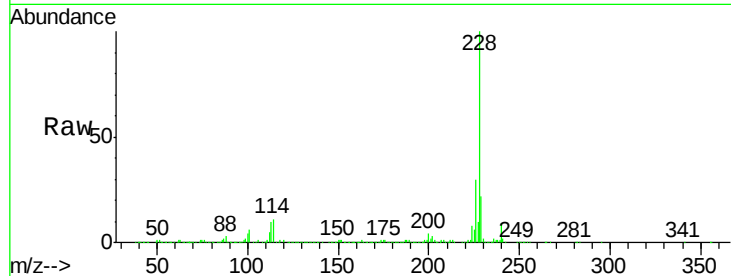
#81
Benzo(a)anthracene
Concen: 43.114 ng
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	22.5	16.3	24.5

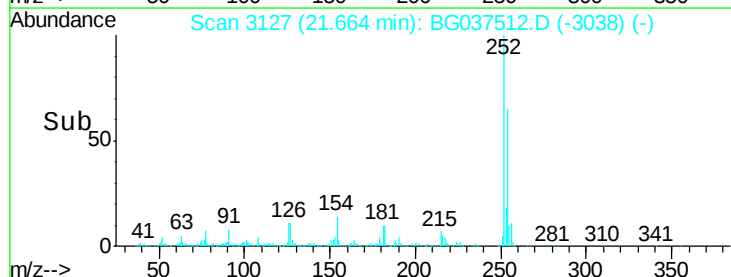
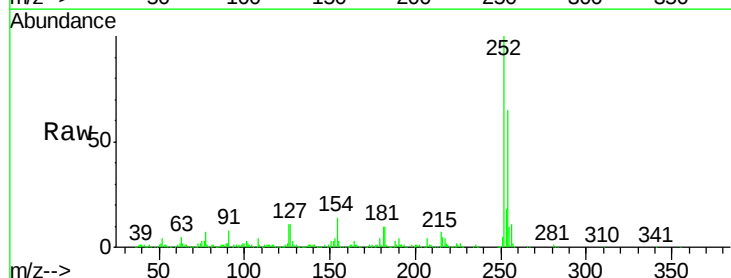
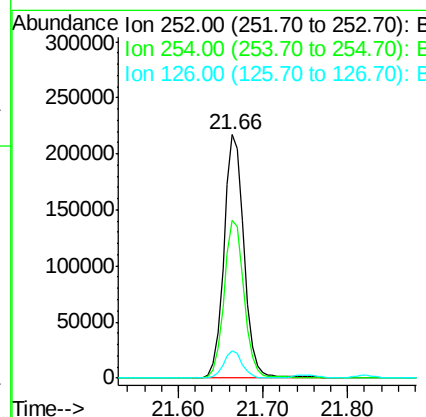
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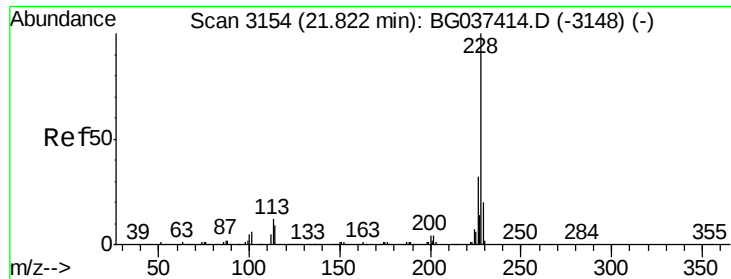
Sohil
10/25/2018 2:12:57 PM



#82
3,3'-Dichlorobenzidine
Concen: 32.595 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	11.0	8.2	12.4





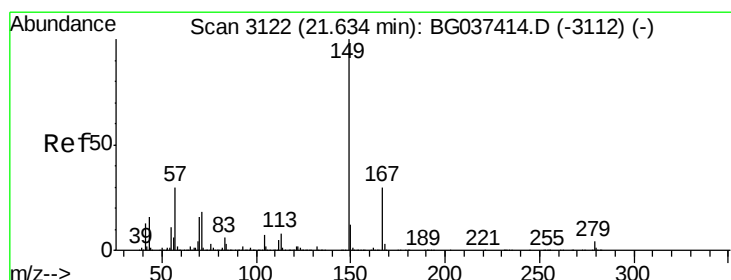
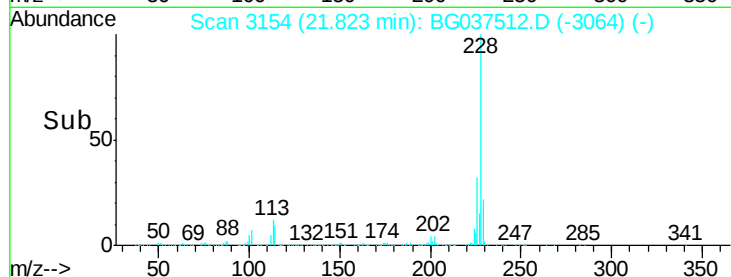
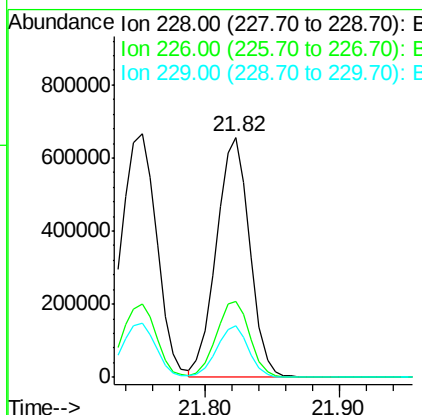
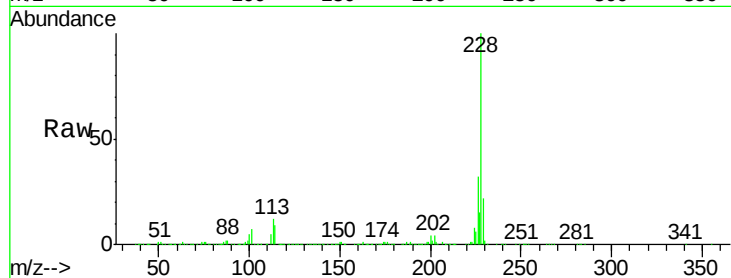
#83
Chrysene
Concen: 42.035 ng
RT: 21.82 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion: 228 Resp: 1147501
Ion Ratio Lower Upper
228 100
226 31.9 25.7 38.5
229 21.5 16.5 24.7

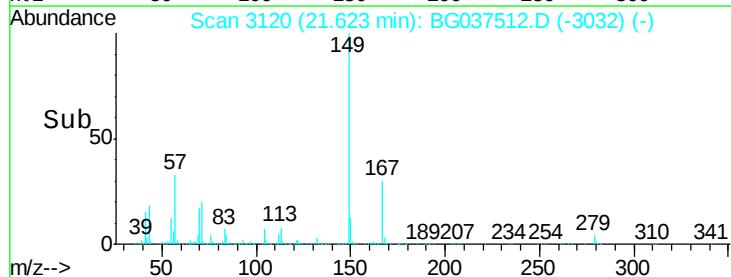
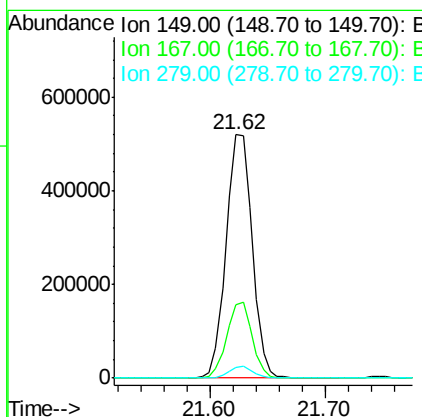
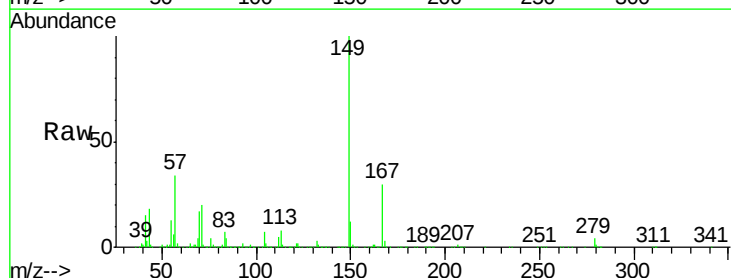
Manual Integrations
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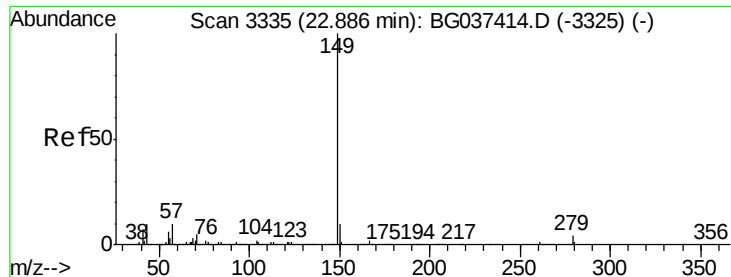
Sohil
10/25/2018 2:12:57 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.232 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion: 149 Resp: 814157
Ion Ratio Lower Upper
149 100
167 29.9 23.0 34.4
279 4.3 3.6 5.4





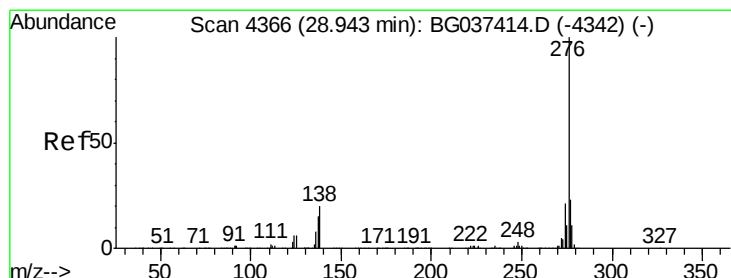
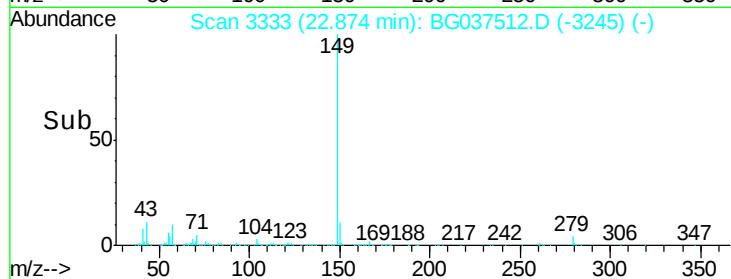
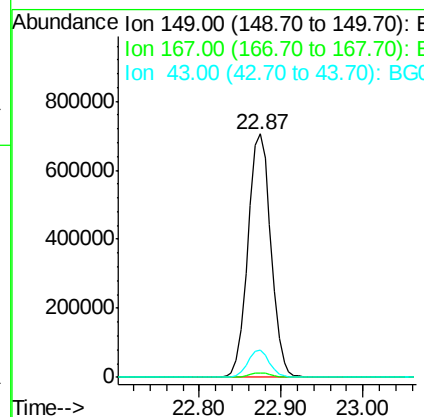
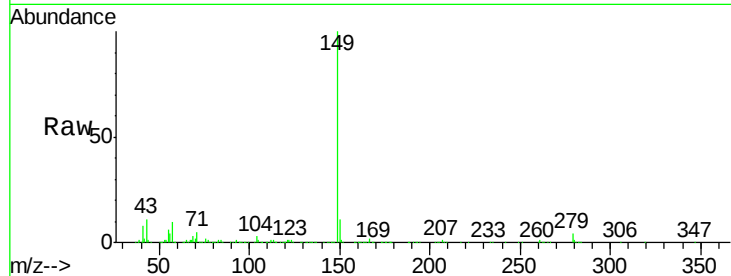
#85
Di-n-octyl phthalate
Concen: 46.949 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.5	8.7	13.1

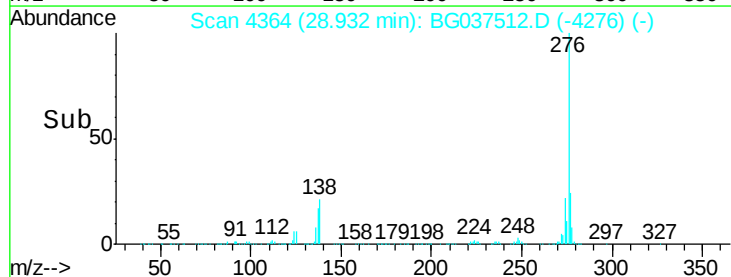
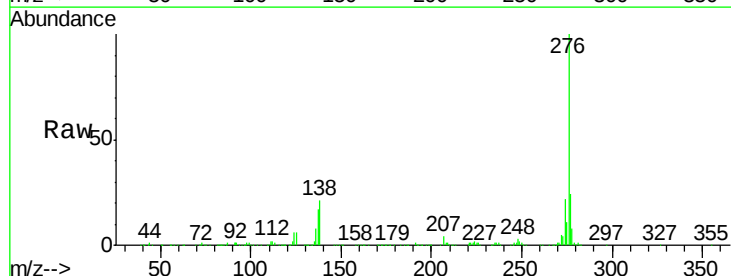
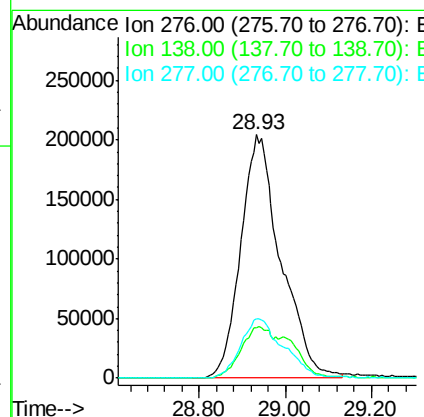
Manual Integrations
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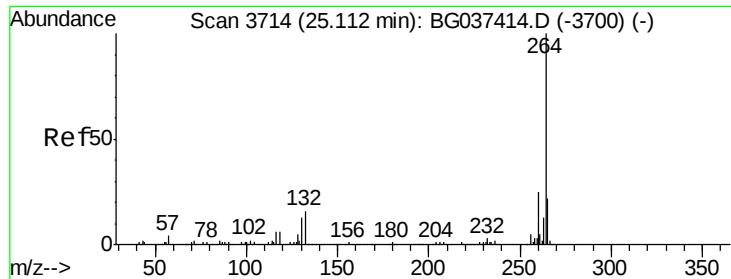
Sohil
10/25/2018 2:12:57 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.520 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.0	18.0
277	25.8	20.6	30.8





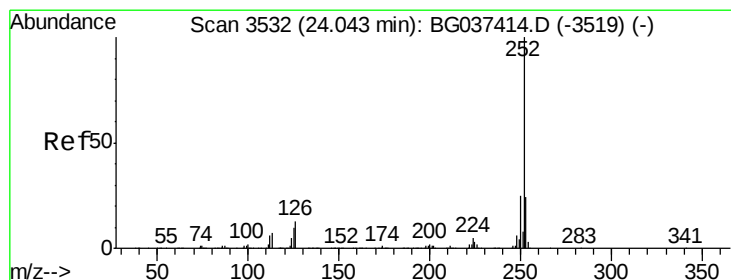
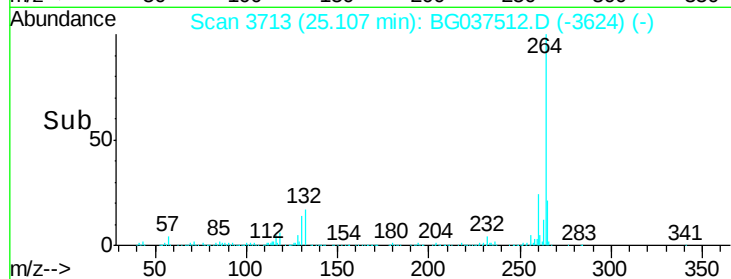
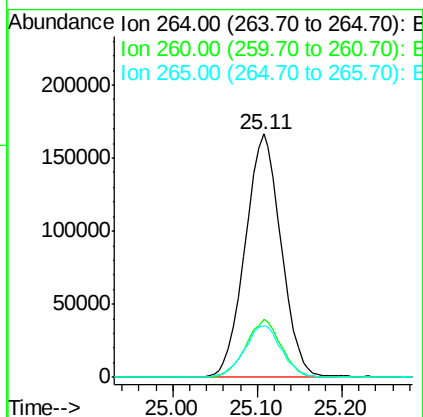
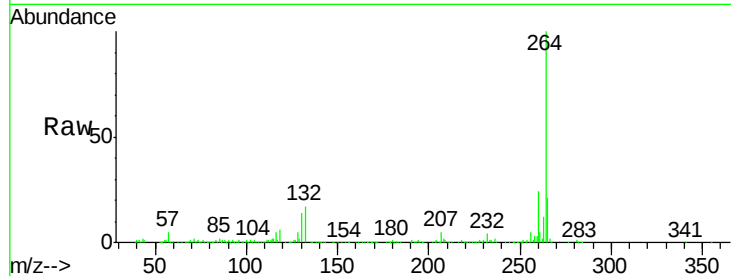
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	17.9	26.9

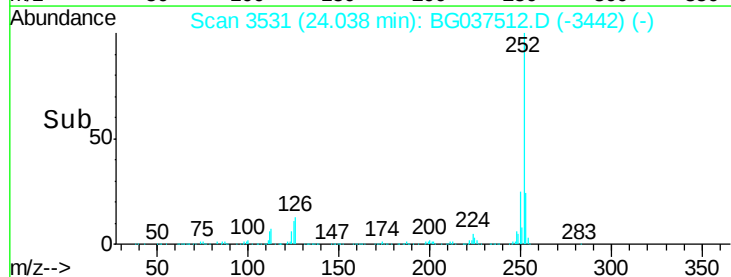
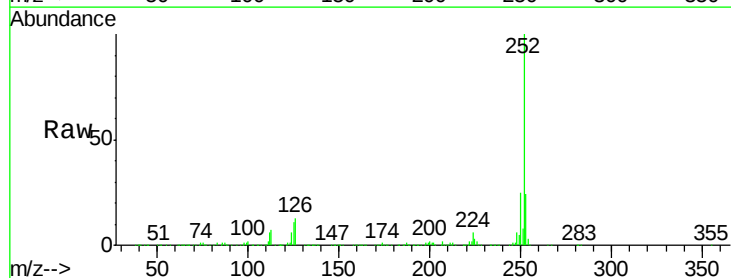
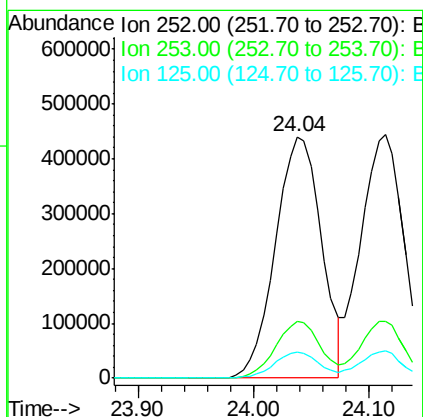
Manual Integrations
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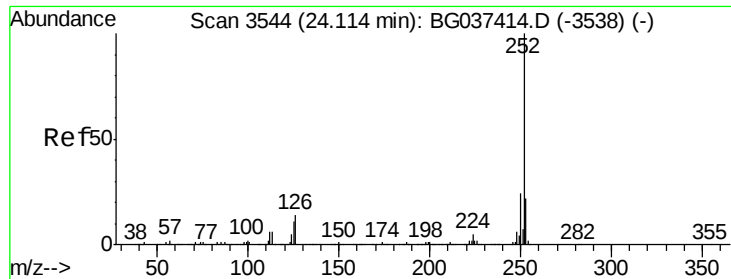
Sohil
10/25/2018 2:12:57 PM



#88
Benzo(b)fluoranthene
Concen: 45.168 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.8	7.8	11.6





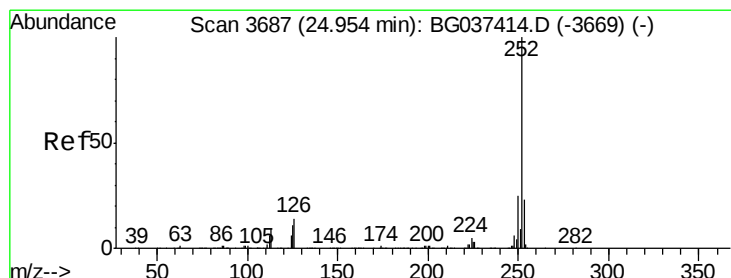
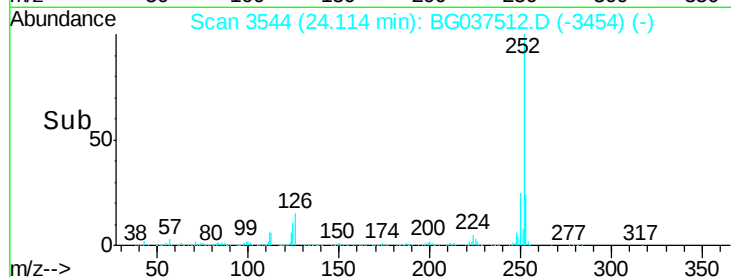
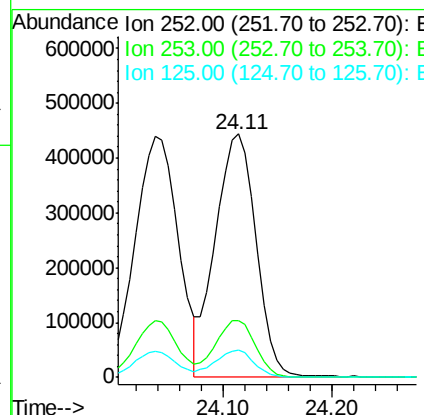
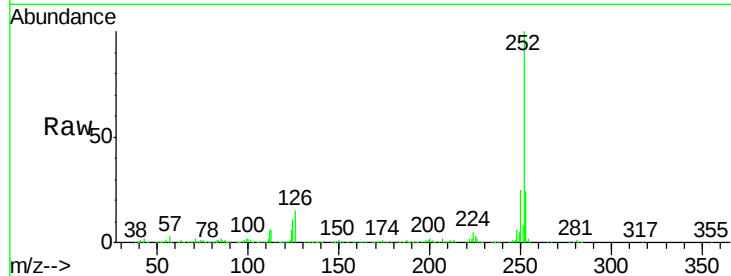
#89
Benzo(k)fluoranthene
Concen: 43.955 ng m
RT: 24.11 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion:252 Resp: 1163240
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 11.2 7.4 11.0#

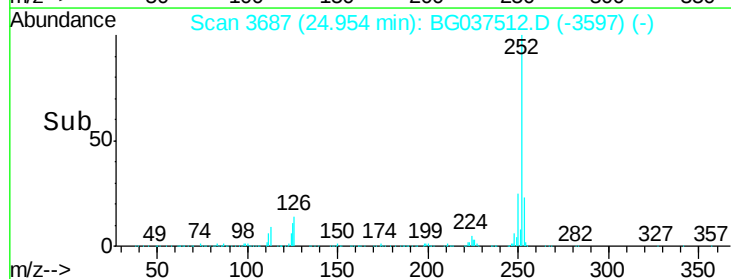
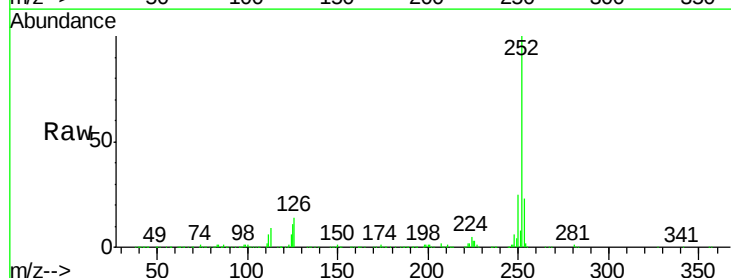
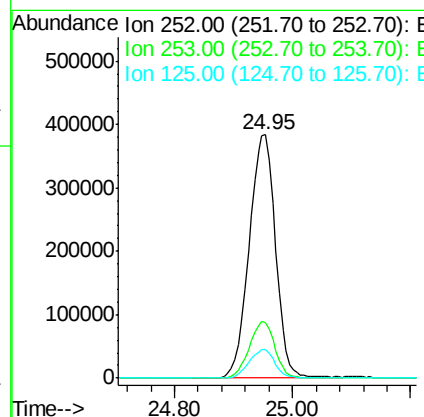
Manual Integrations
APPROVED

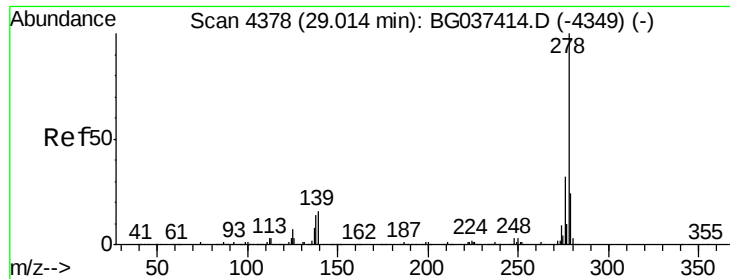
Sohil
10/25/2018 2:12:57 PM



#90
Benzo(a)pyrene
Concen: 46.334 ng
RT: 24.95 min Scan# 3687
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion:252 Resp: 1189291
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 46.177 ng
RT: 29.01 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

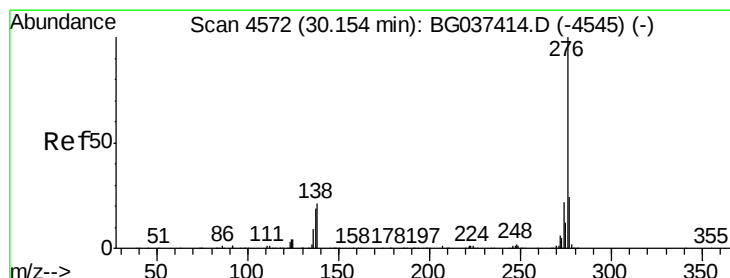
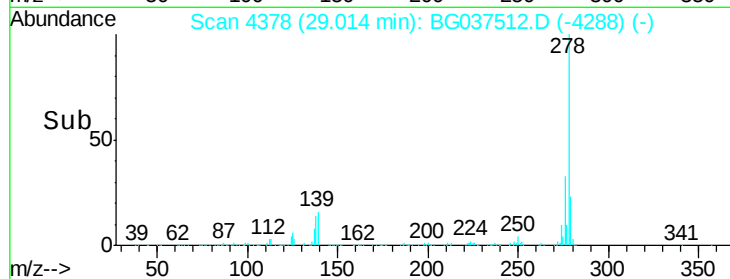
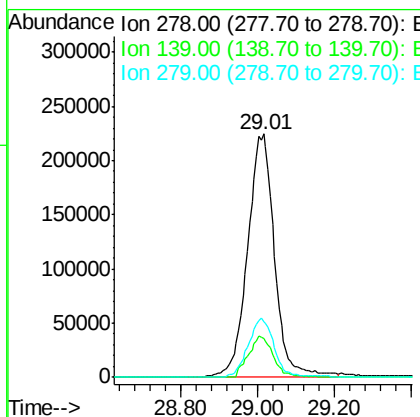
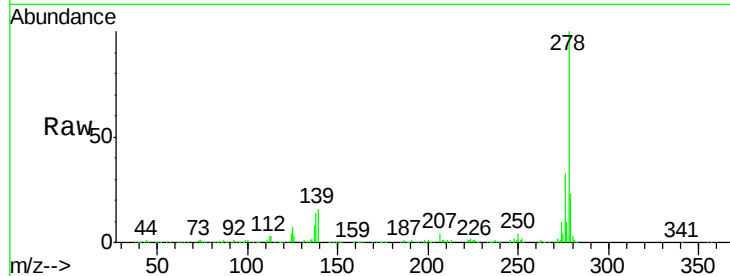
Instrument :
BNA_G
ClientSampleId :
PB114123BS

Tgt Ion: 278 Resp: 1093303

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.5	17.3
279	23.0	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/25/2018 2:12:57 PM



#92
Benzo(g,h,i)perylene
Concen: 45.524 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037512.D
Acq: 24 Oct 2018 15:30

Tgt Ion: 276 Resp: 1090463

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	22.6	17.2	25.8

