

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037556.D
 Acq On : 25 Oct 2018 22:14
 Operator : JU/SJ
 Sample : J5603-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Manual Integrations
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Sohil
 10/26/2018 3:46:45 PM

Quant Time: Oct 26 08:31:32 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	8.11	152	69797	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	319167	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	208635	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	471937	20.00	ng	0.00
76) Chrysene-d12	21.77	240	407382	20.00	ng	0.00
87) Perylene-d12	25.10	264	429614	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	257988	61.80	ng	0.00
7) Phenol-d6	7.24	99	249530	39.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	440964	77.40	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	263292	115.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	998446	72.16	ng	0.00
79) Terphenyl-d14	20.08	244	1414178	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	28943	13.671	ng	98
3) Pyridine	3.94	79	66096	12.386	ng	97
4) n-Nitrosodimethylamine	3.85	42	39105	20.574	ng	87
6) Aniline	7.43	93	132336	17.184	ng	98
8) 2-Chlorophenol	7.67	128	185823	38.048	ng	99
9) Benzaldehyde	7.24	77	123011	31.150	ng	93
10) Phenol	7.27	94	116014	17.418	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	211729	41.853	ng	97
12) 1,3-Dichlorobenzene	7.99	146	193283	35.549	ng	99
13) 1,4-Dichlorobenzene	8.14	146	197256	35.467	ng	98
14) 1,2-Dichlorobenzene	8.46	146	193645	36.195	ng	99
15) Benzyl Alcohol	8.34	79	135350	29.017	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	390043	43.090	ng	97
17) 2-Methylphenol	8.54	107	148930	33.821	ng	99
18) Hexachloroethane	9.19	117	67213	35.448	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	182637	42.013	ng	95
20) 3+4-Methylphenols	8.86	107	186548	29.630	ng	99
22) Acetophenone	8.94	105	338429	42.280	ng	# 98
24) Nitrobenzene	9.32	77	258522	43.678	ng	97
25) Isophorone	9.84	82	527813	50.701	ng	97
26) 2-Nitrophenol	10.03	139	123987	46.500	ng	96
27) 2,4-Dimethylphenol	10.08	122	219144	46.031	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	314213	46.068	ng	97
29) 2,4-Dichlorophenol	10.56	162	229565	43.309	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	219419	38.065	ng	97
31) Naphthalene	10.98	128	673511	42.963	ng	100
32) Benzoic acid	10.16	122	52290	16.910	ng	98
33) 4-Chloroaniline	11.09	127	89026	12.086	ng	# 92
34) Hexachlorobutadiene	11.24	225	121052	35.433	ng	96
35) Caprolactam	11.88	113	15193m	7.147	ng	
36) 4-Chloro-3-methylphenol	12.18	107	243529	40.738	ng	99
37) 2-Methylnaphthalene	12.57	142	534762	46.795	ng	100
38) 1-Methylnaphthalene	12.79	142	510661	46.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	270359	40.175	ng	99

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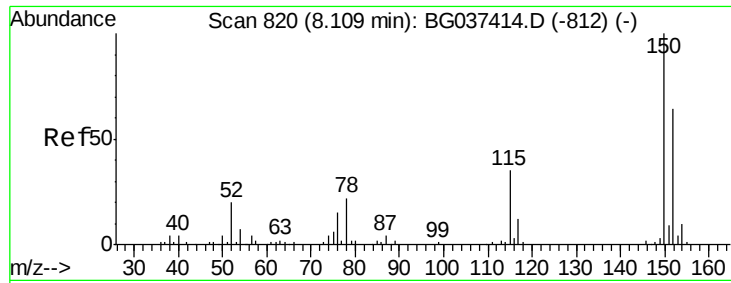
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	286068	88.991	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	205328	45.670	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	221269	45.203	nq	97
46) 1,1'-Biphenyl	13.57	154	695185	40.234	nq	97
47) 2-Chloronaphthalene	13.62	162	550315	42.099	nq	99
48) 2-Nitroaniline	13.83	65	186382	47.018	nq	96
49) Acenaphthylene	14.46	152	907804	46.166	nq	98
50) Dimethylphthalate	14.19	163	748417	46.369	nq	99
51) 2,6-Dinitrotoluene	14.32	165	166414	46.607	nq	95
52) Acenaphthene	14.80	154	544092	44.928	nq	99
53) 3-Nitroaniline	14.65	138	73063	18.432	nq	# 91
54) 2,4-Dinitrophenol	14.85	184	166048	93.997	nq	92
55) Dibenzofuran	15.13	168	849187	42.322	nq	97
56) 4-Nitrophenol	14.94	139	148449	50.596	nq	100
57) 2,4-Dinitrotoluene	15.10	165	231801	49.456	nq	97
58) Fluorene	15.79	166	693808	46.175	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192571	45.947	nq	98
60) Diethylphthalate	15.55	149	736196	44.428	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	365690	41.756	nq	98
62) 4-Nitroaniline	15.82	138	162182	41.176	nq	93
63) Azobenzene	16.06	77	702068	44.406	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	122005	49.041	nq	95
66) n-Nitrosodiphenylamine	15.99	169	623642	43.931	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	228905	44.168	nq	99
68) Hexachlorobenzene	16.78	284	227731	42.397	nq	100
69) Atrazine	16.93	200	231247	45.055	nq	99
70) Pentachlorophenol	17.13	266	278249	77.337	nq	93
71) Phenanthrene	17.53	178	1099853	45.855	nq	98
72) Anthracene	17.62	178	1116805	47.446	nq	97
73) Carbazole	17.89	167	1016879	43.188	nq	98
74) Di-n-butylphthalate	18.42	149	1204292	45.979	nq	99
75) Fluoranthene	19.53	202	1239910	45.578	nq	97
77) Benzidine	19.71	184	297871	21.504	nq	98
78) Pyrene	19.89	202	1240676	46.587	nq	99
80) Butylbenzylphthalate	20.76	149	552408	50.684	nq	99
81) Benzo(a)anthracene	21.75	228	1174230	48.731	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	223581	23.938	nq	97
83) Chrysene	21.82	228	1086929	46.910	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	772805	50.585	nq	97
85) Di-n-octyl phthalate	22.87	149	1309735	52.574	nq	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1279252	51.476	nq	98
88) Benzo(b)fluoranthene	24.04	252	1153702	48.983	nq	99
89) Benzo(k)fluoranthene	24.11	252	1124897	48.748	nq	97
90) Benzo(a)pyrene	24.95	252	1119731	50.031	nq	98
91) Dibenzo(a,h)anthracene	29.00	278	1029398	49.863	nq	97
92) Benzo(g,h,i)perylene	30.15	276	1047508	50.153	nq	100

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



#1

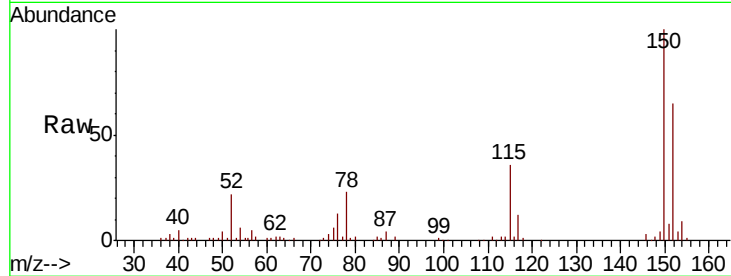
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.0	189.0
115	55.4	45.5	68.3

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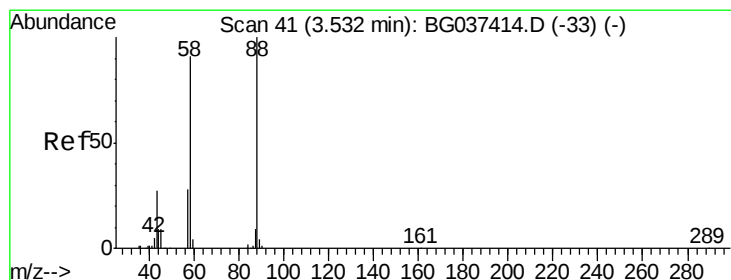
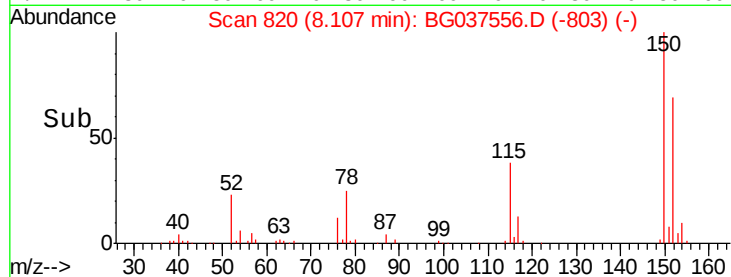
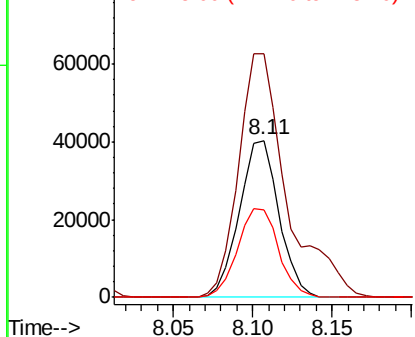


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

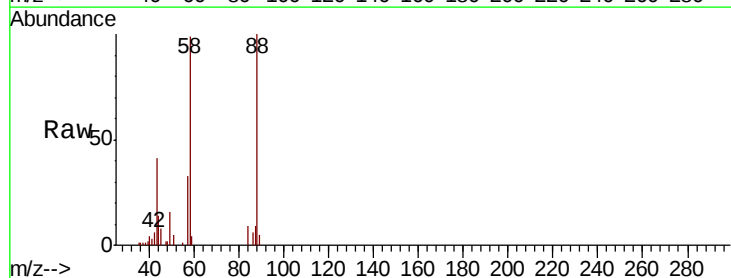
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.671 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	74.4	111.6
43	29.4	25.8	38.8

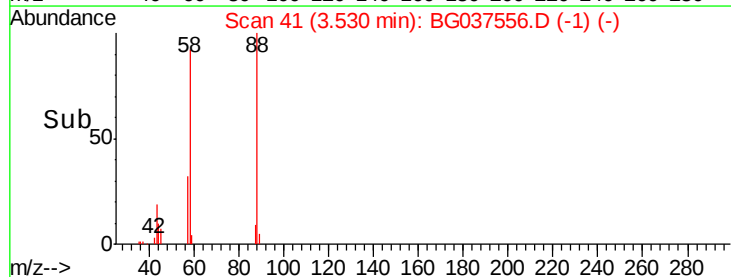
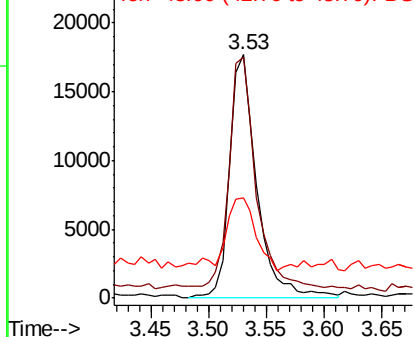


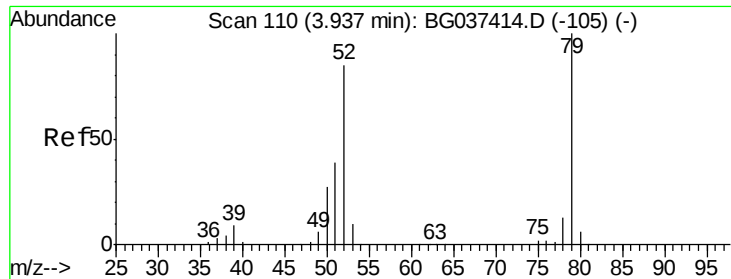
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.386 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

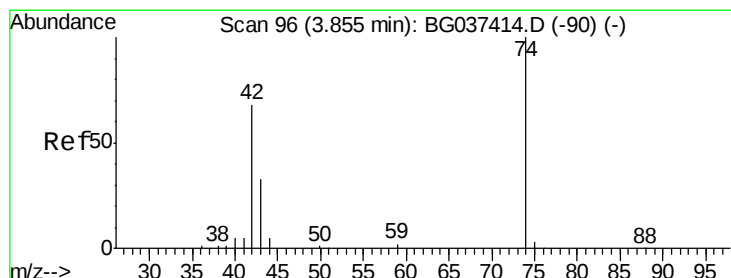
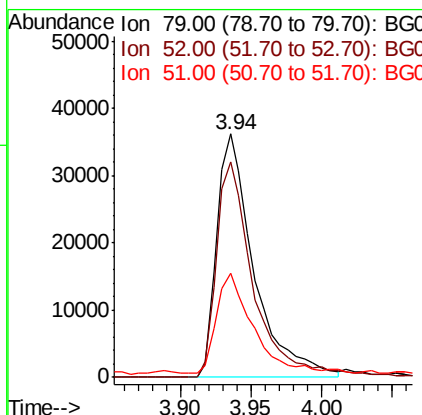
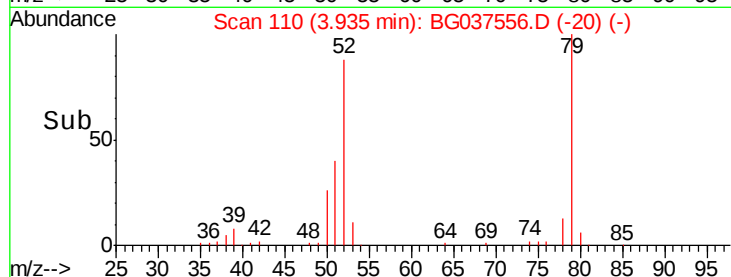
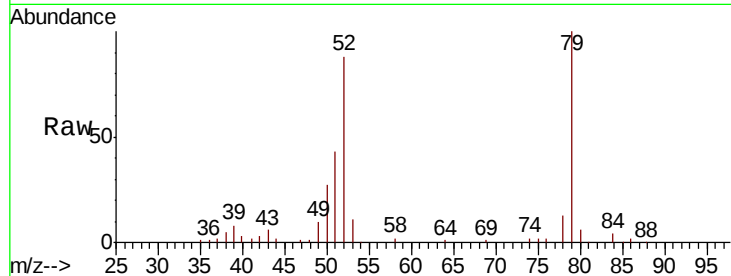
ClientSampleId :

RAV-GT104MS

Tot Ion:	79	Resp:	66096
Ion	Ratio	Lower	Upper
79	100		
52	88.3	74.2	111.2
51	42.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 20.574 ng

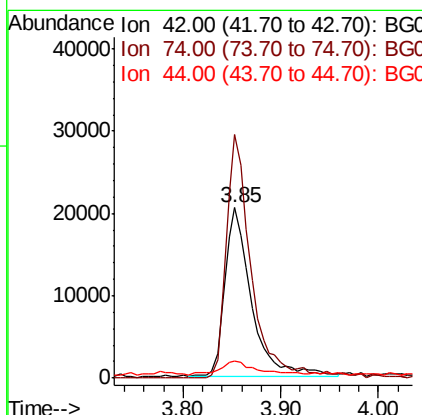
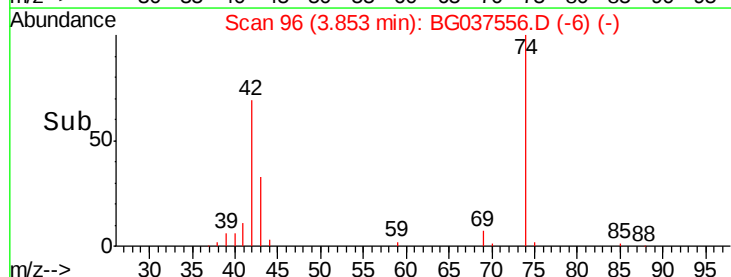
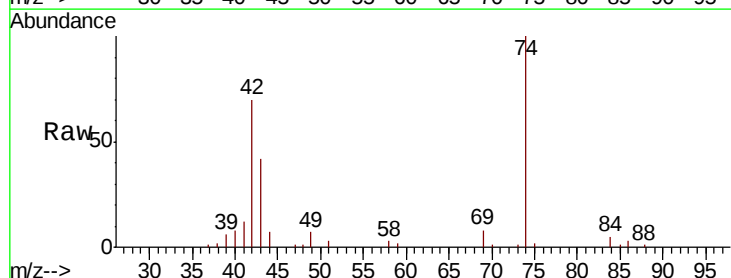
RT: 3.85 min Scan# 96

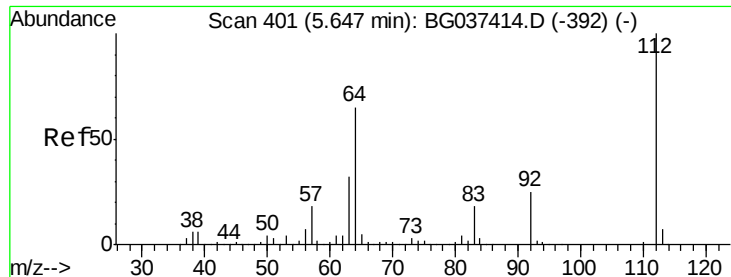
Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	42	Resp:	39105
Ion	Ratio	Lower	Upper
42	100		
74	143.1	102.0	153.0
44	10.1	9.6	14.4





#5

2-Fluorophenol

Concen: 61.796 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

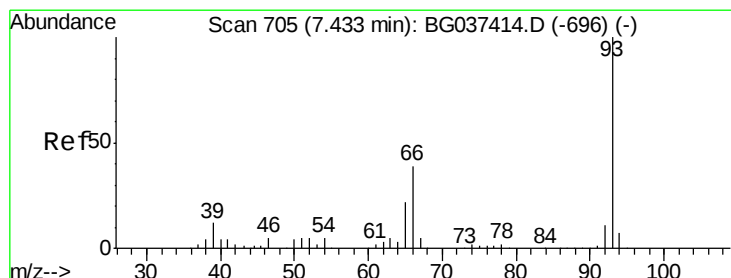
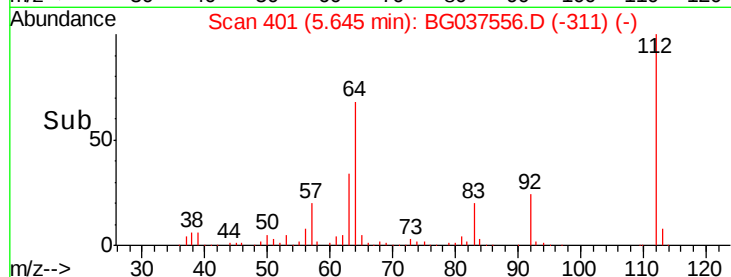
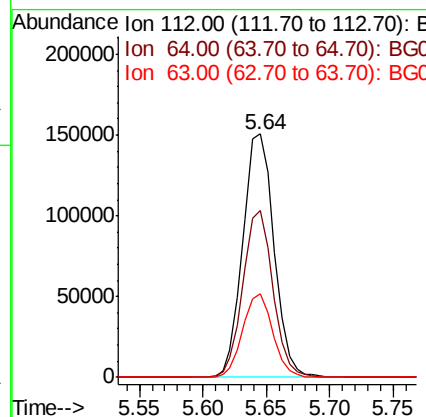
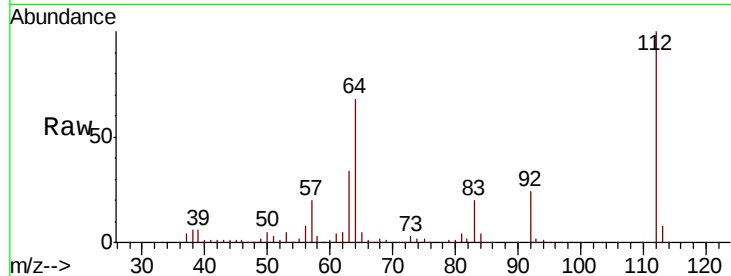
ClientSampleId :

RAV-GT104MS

Tot Ion:	112	Resp:	257988
Ion Ratio	Lower	Upper	
112	100		
64	68.3	53.1	79.7
63	34.3	27.3	40.9

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#6

Aniline

Concen: 17.184 ng

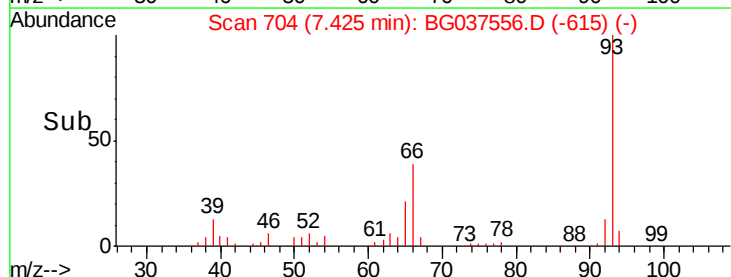
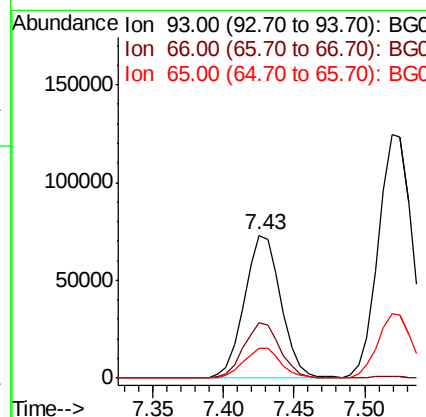
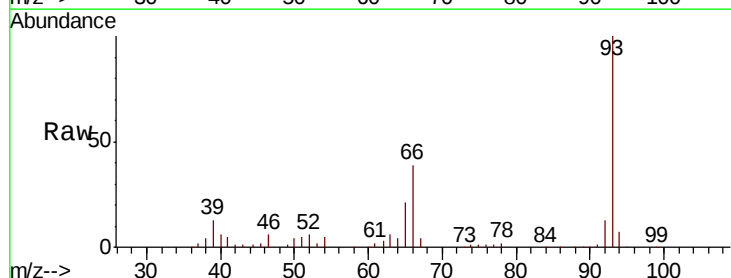
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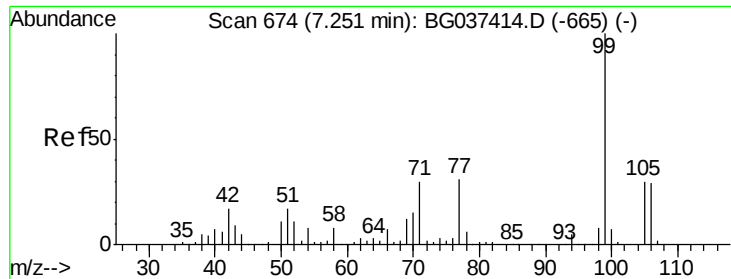
Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	93	Resp:	132336
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.8	49.2
65	20.9	16.4	24.6





#7

Phenol-d6

Concen: 39.527 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

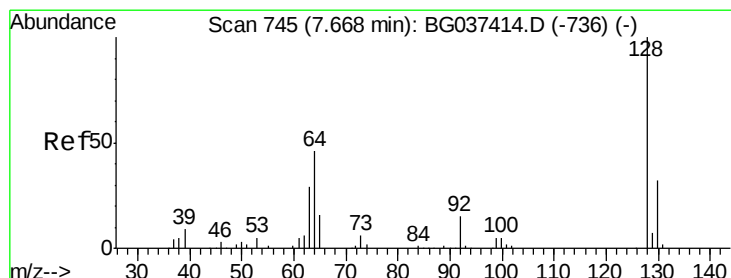
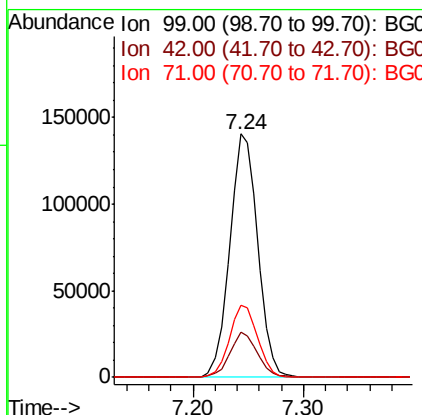
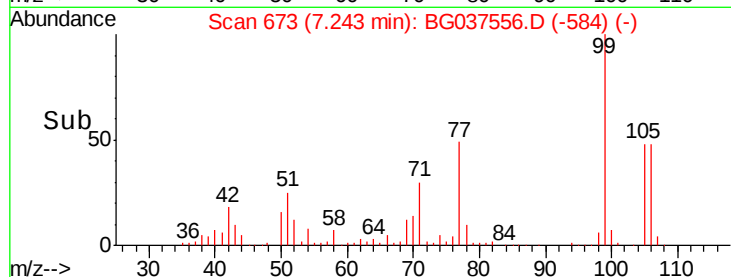
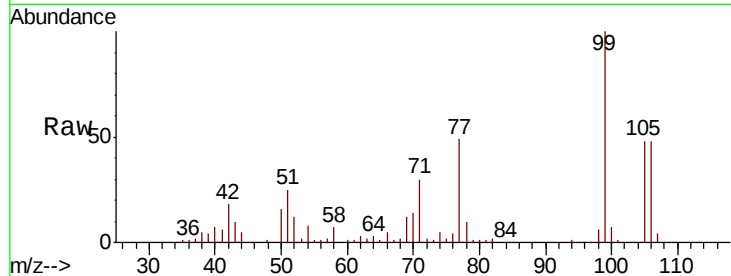
ClientSampleId :

RAV-GT104MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		249530		
42	18.4	15.0	22.4		
71	29.8	25.5	38.3		

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#8

2-Chlorophenol

Concen: 38.048 ng

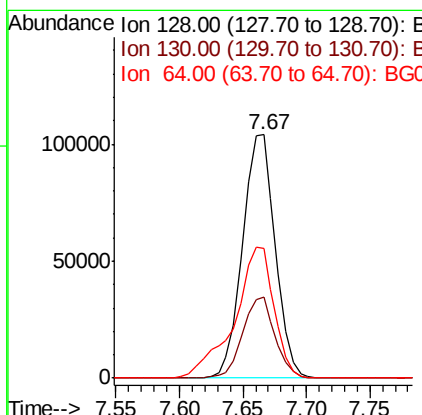
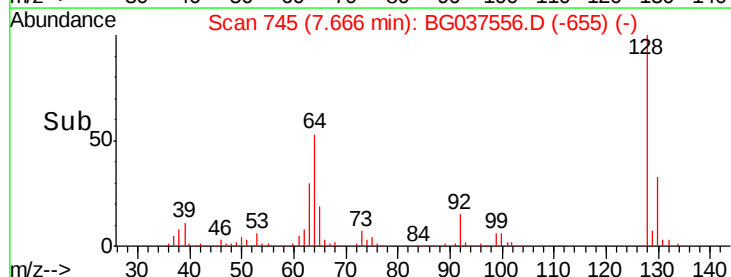
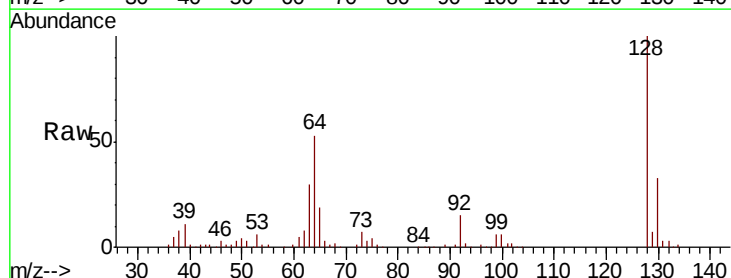
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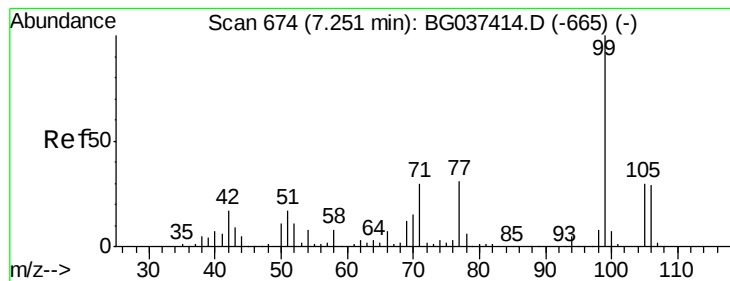
Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		185823		
130	33.3	12.0	52.0		
64	53.0	32.9	72.9		





#9

Benzaldehyde

Concen: 31.150 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

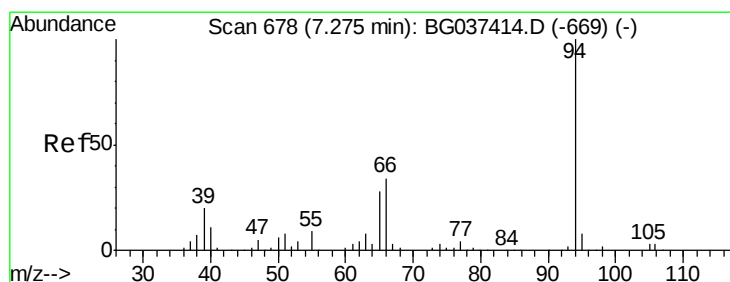
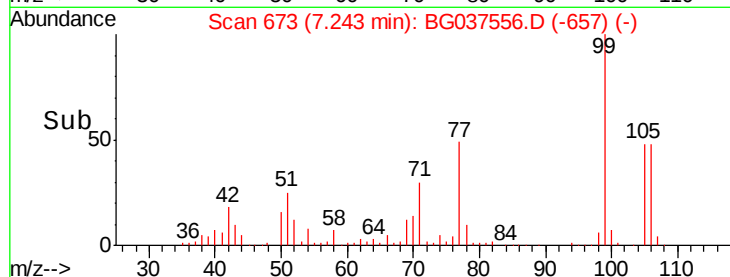
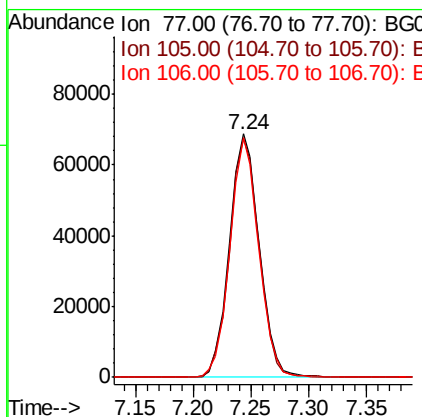
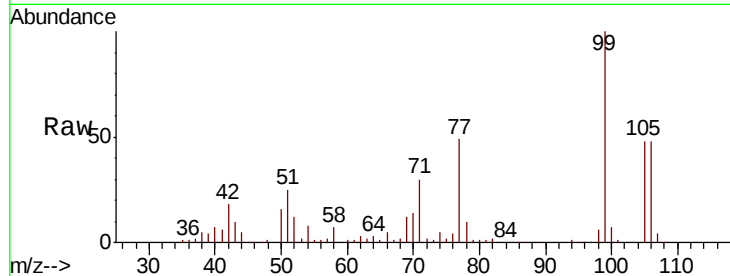
ClientSampleId :

RAV-GT104MS

Tot Ion:	77	Resp:	123011
Ion Ratio	Lower	Upper	
77	100		
105	97.8	72.6	112.6
106	98.7	71.3	111.3

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#10

Phenol

Concen: 17.418 ng

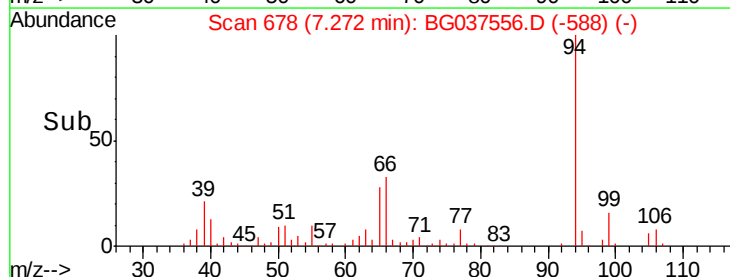
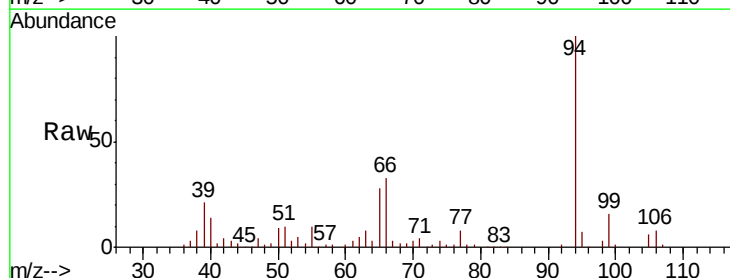
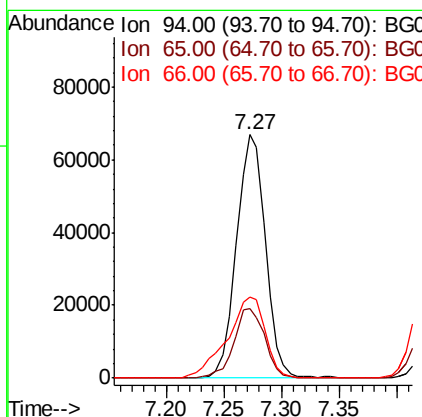
RT: 7.27 min Scan# 678

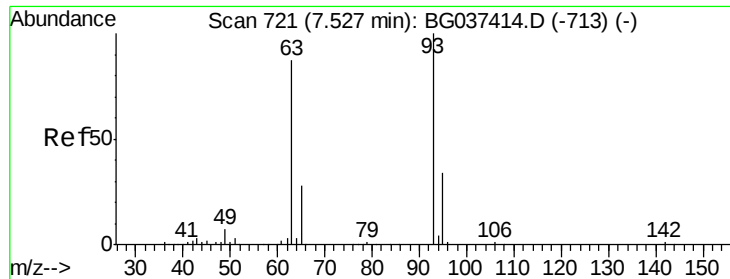
Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	94	Resp:	116014
Ion Ratio	Lower	Upper	
94	100		
65	28.4	9.7	49.7
66	33.2	15.9	55.9





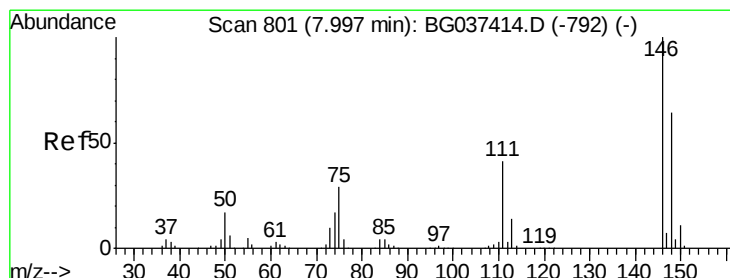
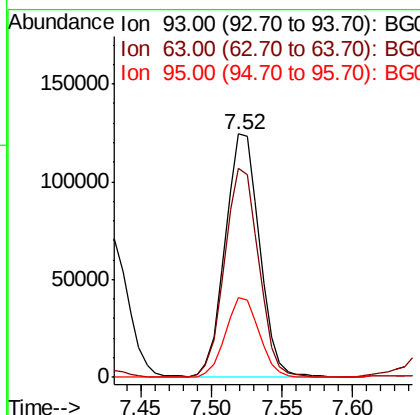
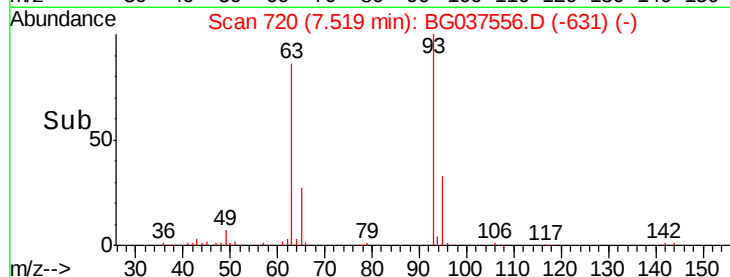
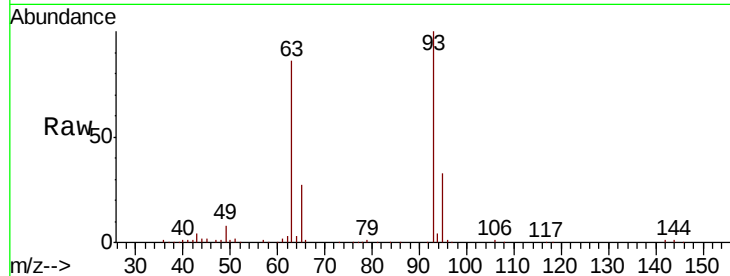
#11
bis(2-Chloroethyl)ether
Concen: 41.853 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.6	69.5	109.5
95	32.9	12.6	52.6

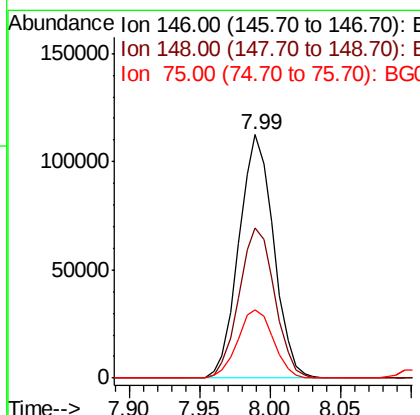
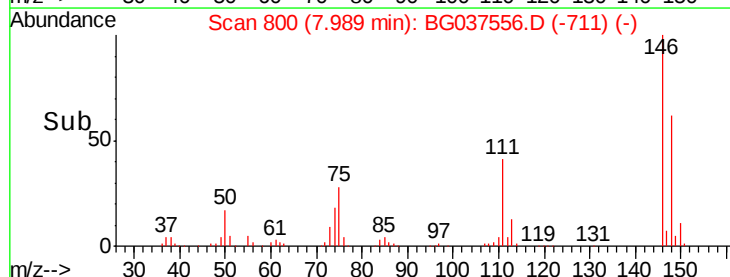
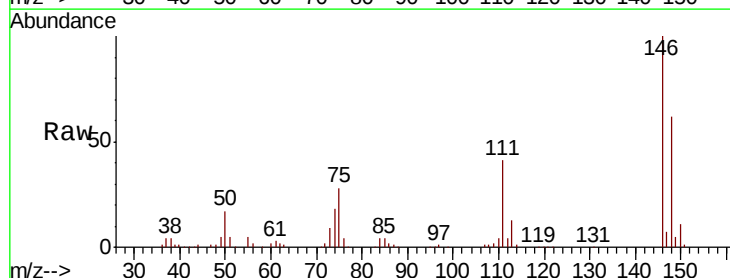
Manual Integrations
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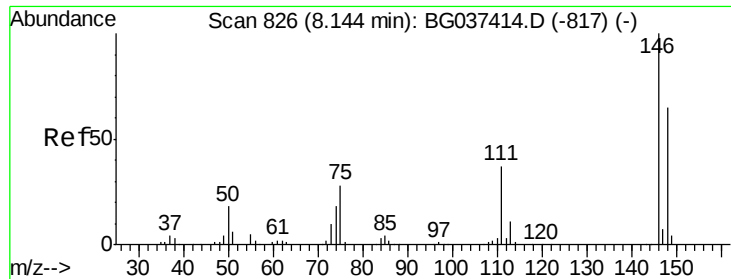
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.549 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.8	74.8
75	27.8	23.2	34.8





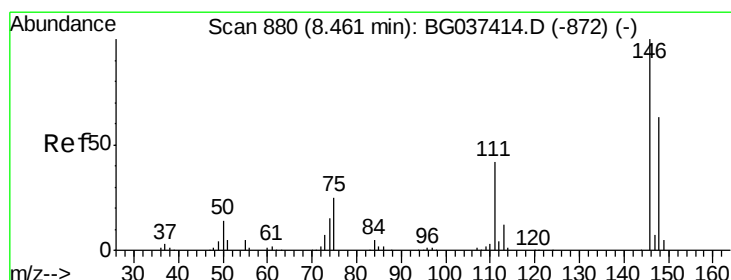
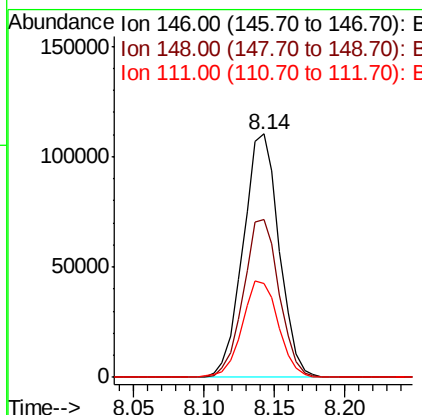
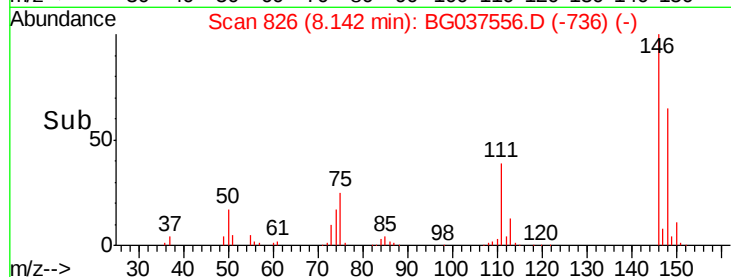
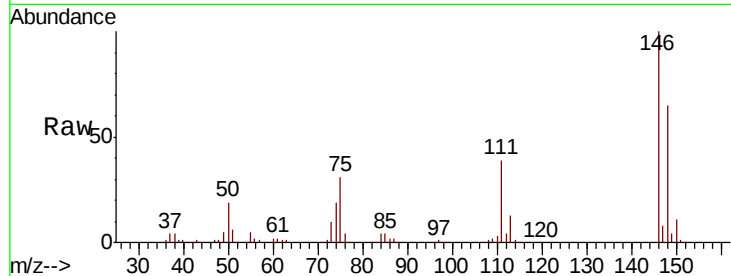
#13
 1,4-Dichlorobenzene
 Concen: 35.467 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	38.6	32.4	48.6

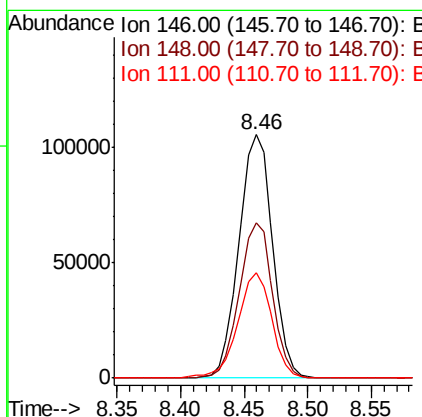
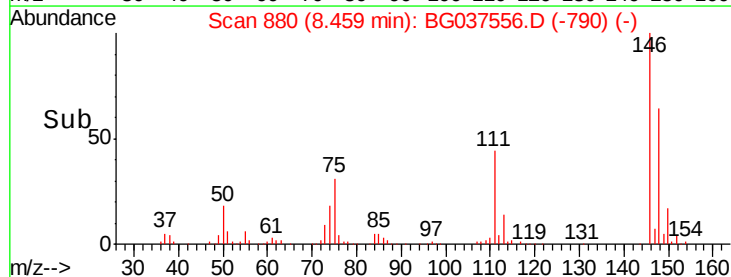
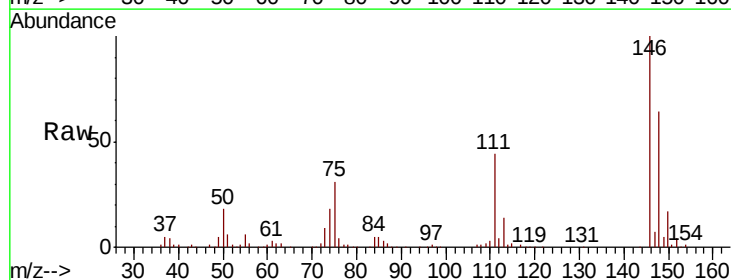
Manual Integrations
 APPROVED

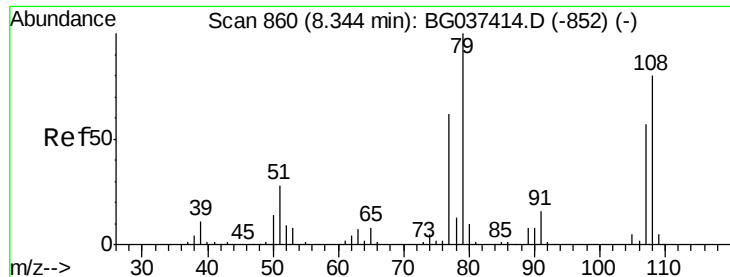
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#14
 1,2-Dichlorobenzene
 Concen: 36.195 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	43.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 29.017 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

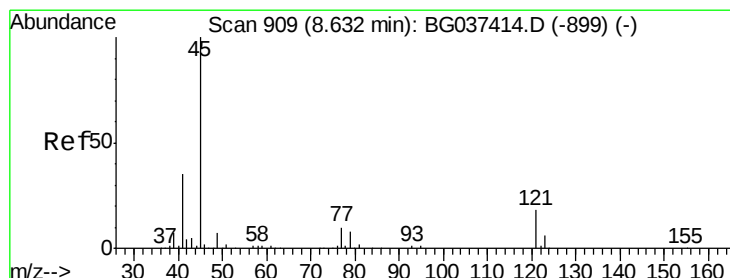
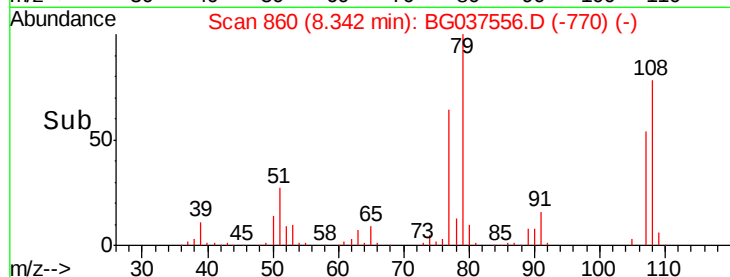
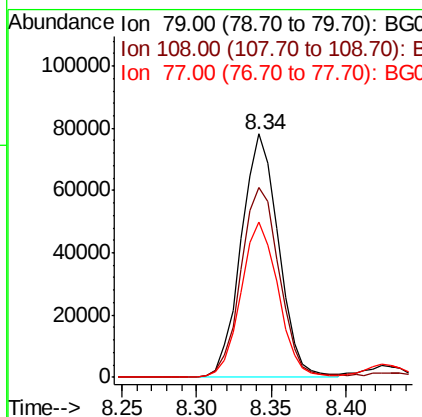
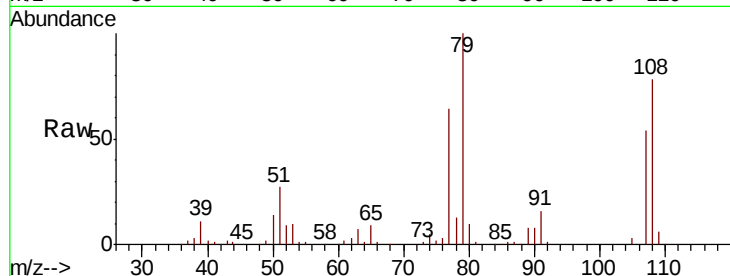
ClientSampleId :

RAV-GT104MS

Tot Ion:	79	Resp:	135350
Ion Ratio	Lower	Upper	
79	100		
108	78.0	65.8	98.8
77	63.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.090 ng

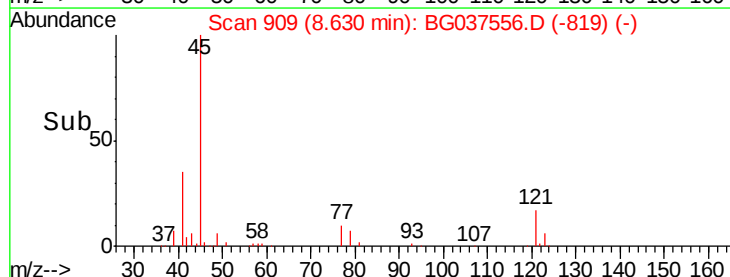
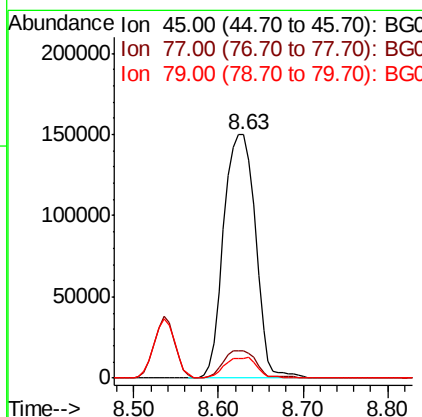
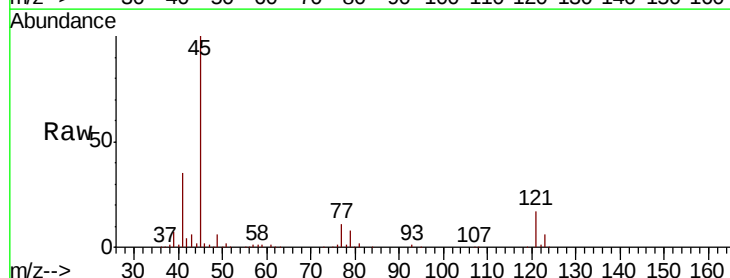
RT: 8.63 min Scan# 909

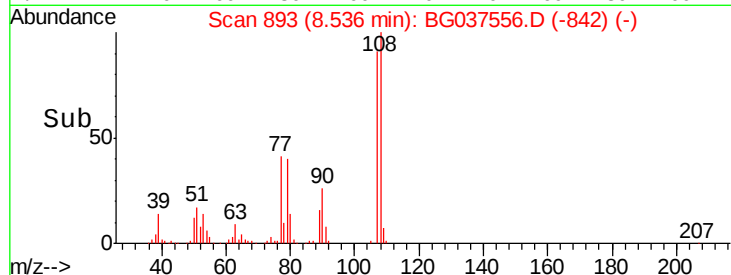
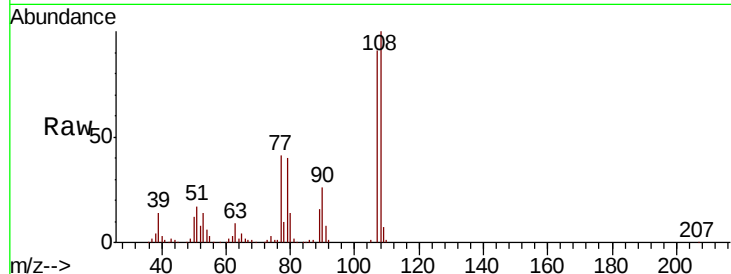
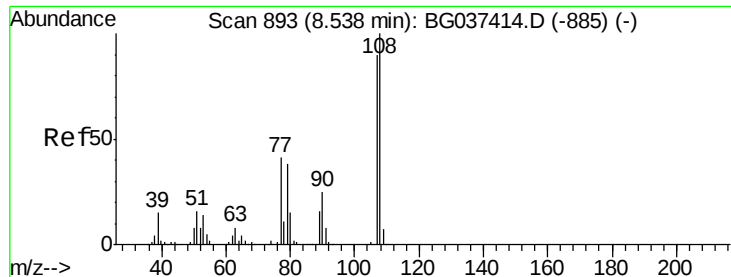
Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	45	Resp:	390043
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.0
79	8.1	0.0	29.0





#17

2-Methylphenol

Concen: 33.821 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tot Ion:	107	Resp:	148930
Ion Ratio	Lower	Upper	
107	100		
108	110.1	87.9	131.9
77	44.9	35.1	52.7
79	43.5	34.5	51.7

Instrument :

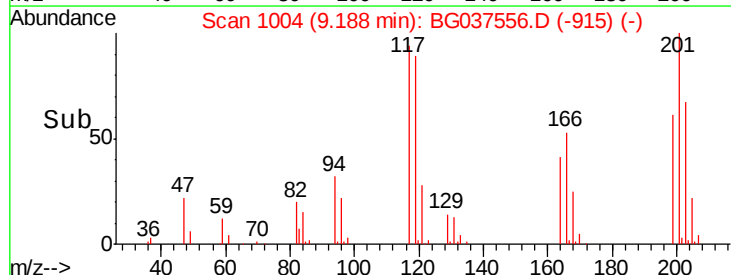
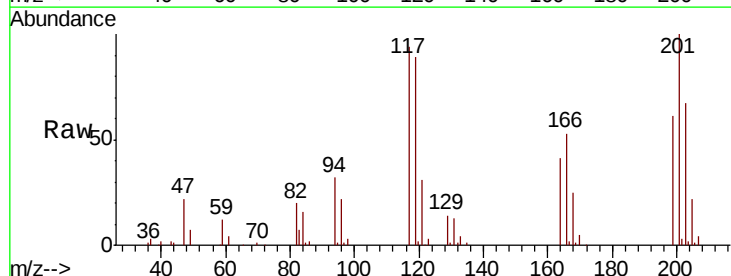
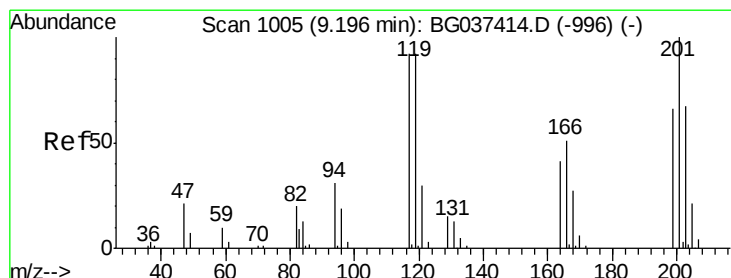
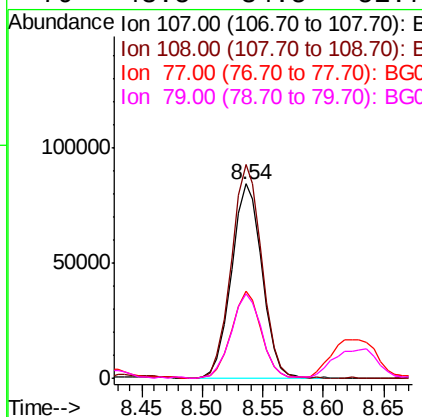
BNA_G

ClientSampleId :

RAV-GT104MS

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#18

Hexachloroethane

Concen: 35.448 ng

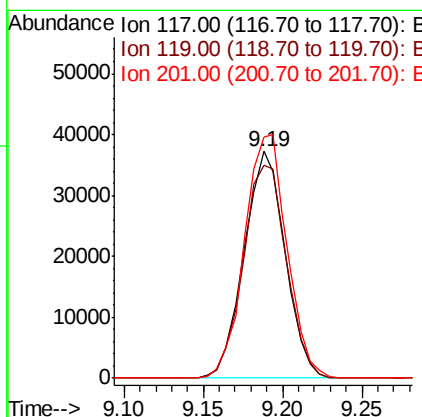
RT: 9.19 min Scan# 1004

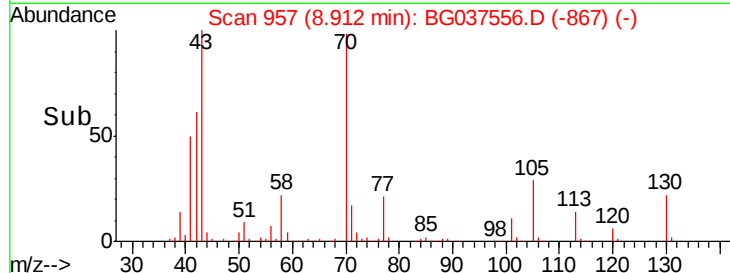
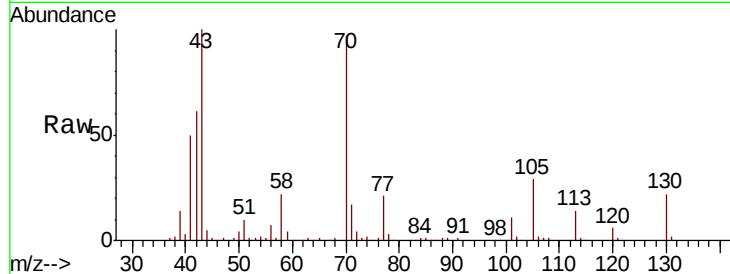
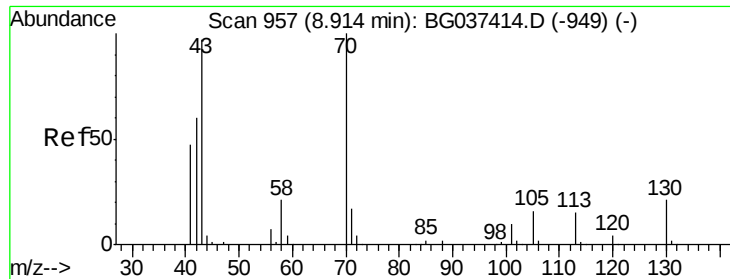
Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	117	Resp:	67213
Ion Ratio	Lower	Upper	
117	100		
119	94.0	74.6	111.8
201	109.9	80.8	121.2





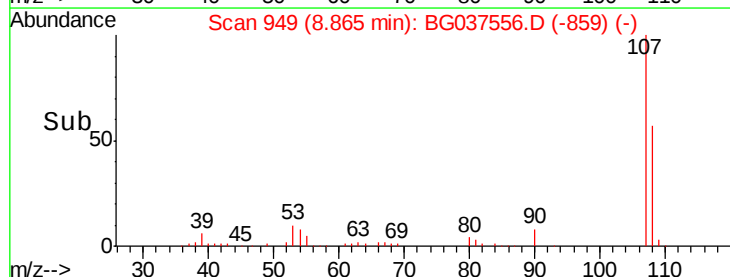
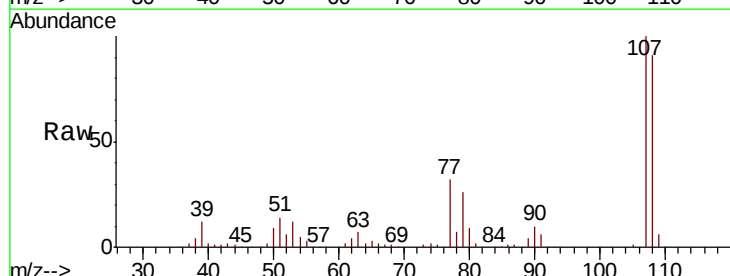
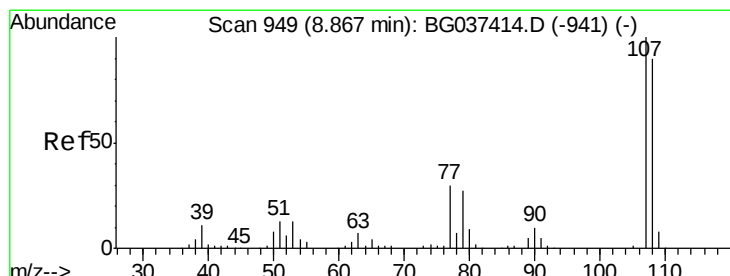
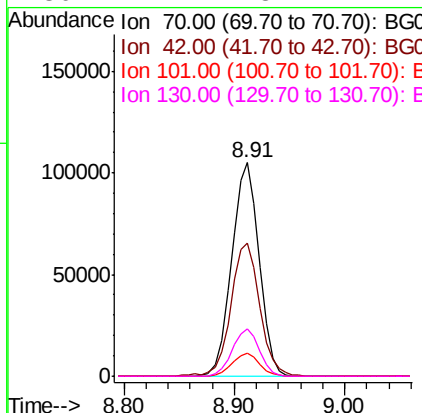
#19
n-Nitroso-di-n-propylamine
Concen: 42.013 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	53.9	80.9	
101	10.9	8.2	12.2	
130	22.1	18.2	27.4	

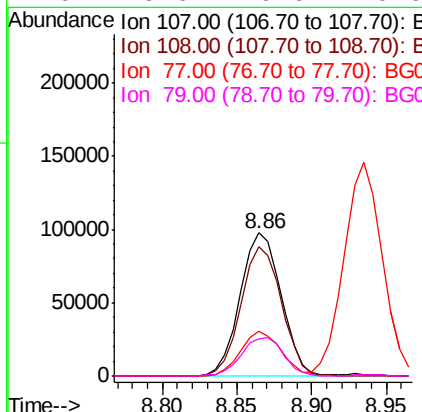
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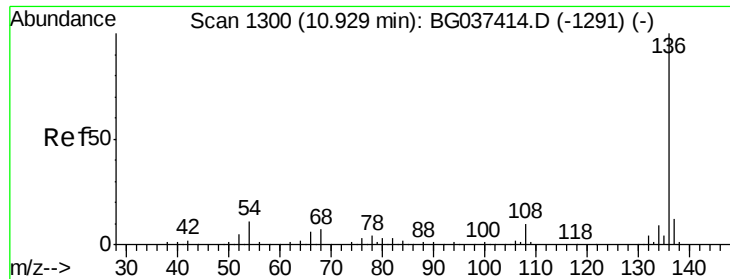
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#20
3+4-Methylphenols
Concen: 29.630 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	69.9	109.9	
77	31.6	11.2	51.2	
79	25.6	6.6	46.6	





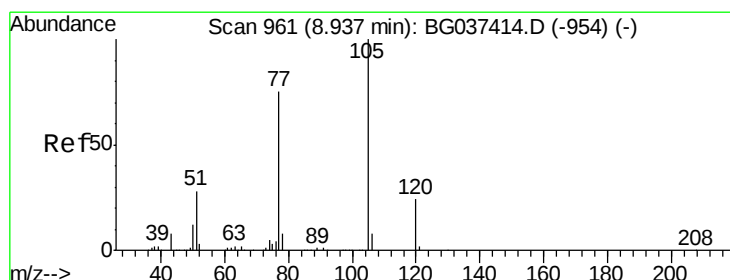
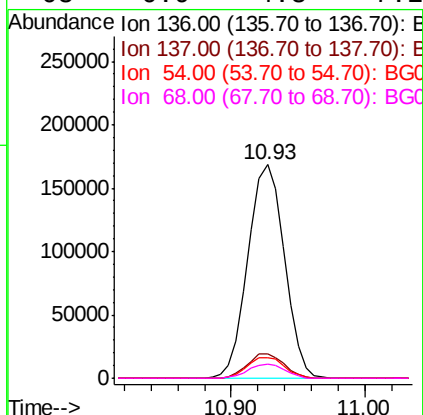
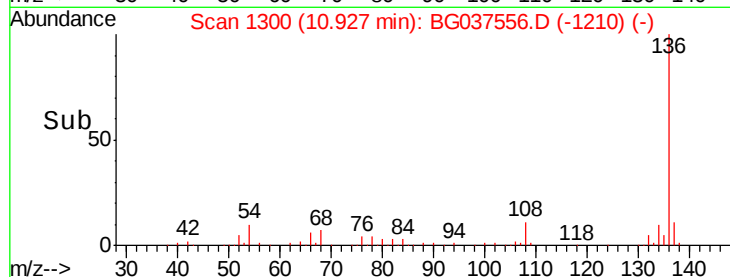
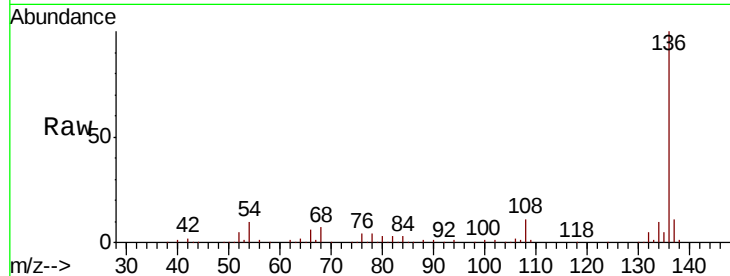
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.7	7.9	11.9
68	6.9	4.8	7.2

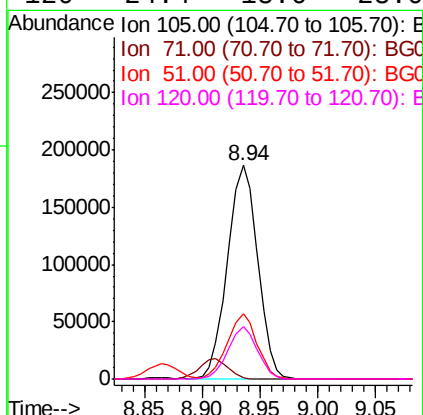
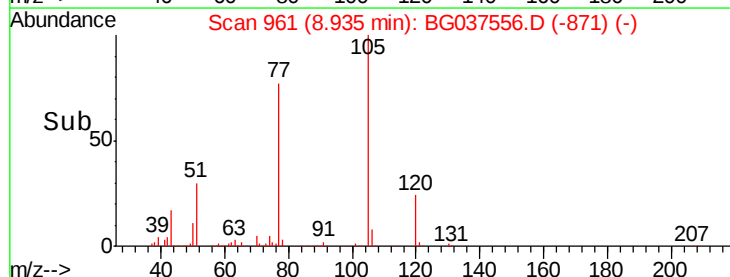
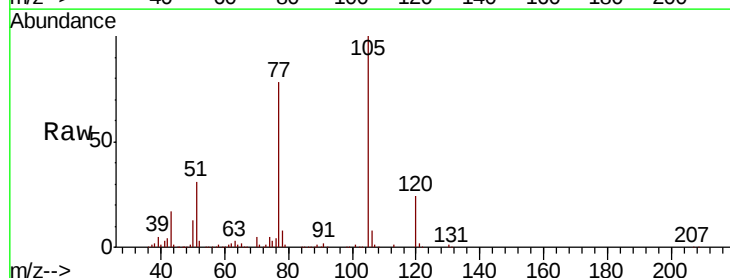
Manual Integrations
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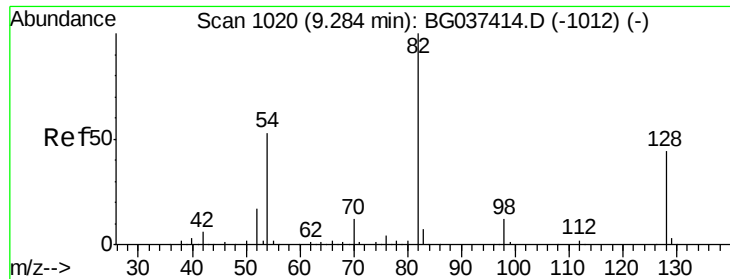
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#22
Acetophenone
Concen: 42.280 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	30.7	25.0	37.6
120	24.4	18.6	28.0





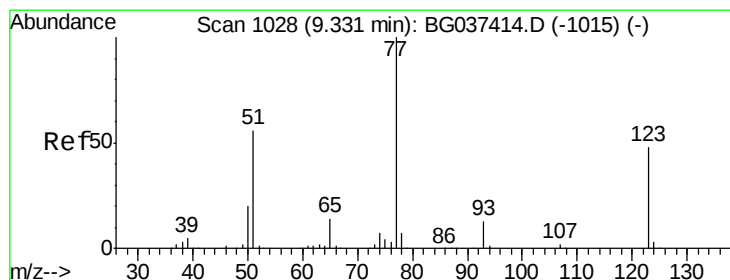
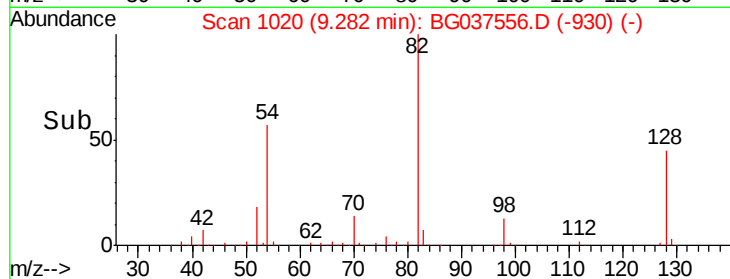
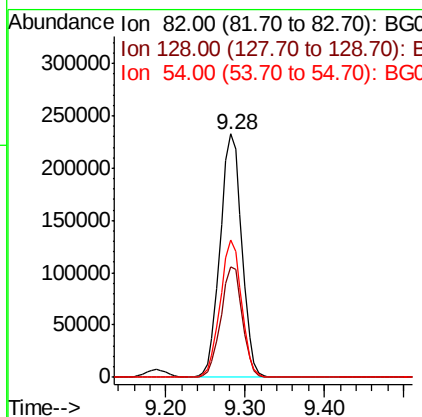
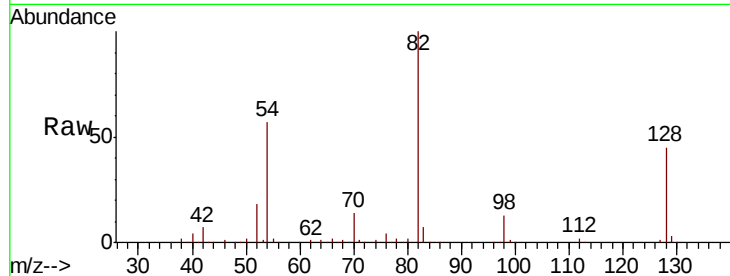
#23
Nitrobenzene-d5
Concen: 77.396 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	56.6	45.3	67.9

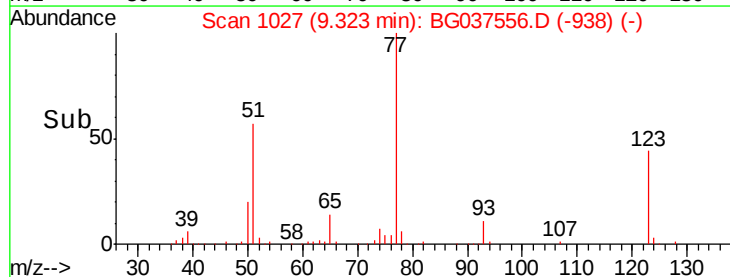
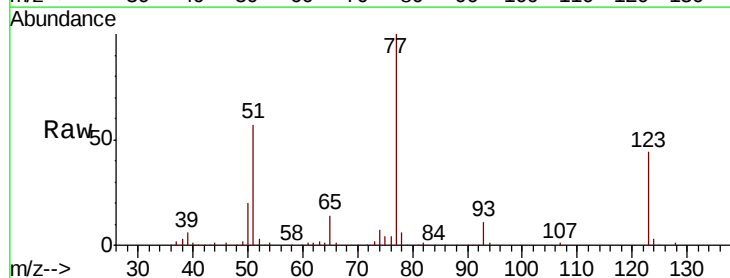
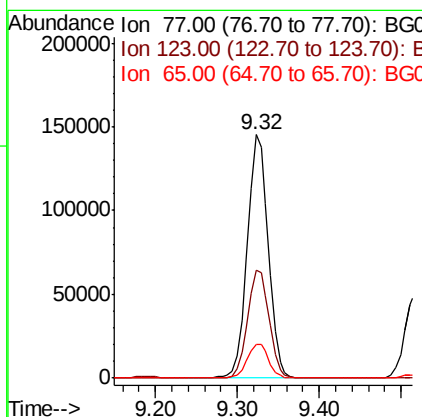
Manual Integrations
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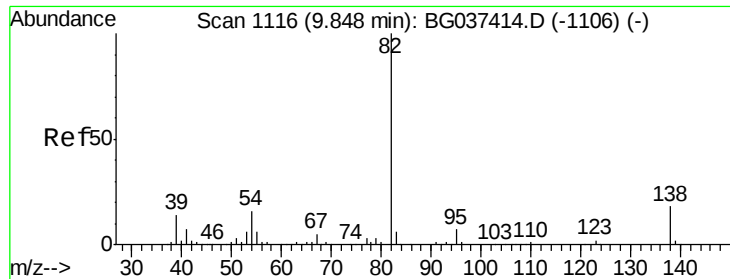
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#24
Nitrobenzene
Concen: 43.678 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	13.6	11.3	16.9





#25

Isophorone

Concen: 50.701 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

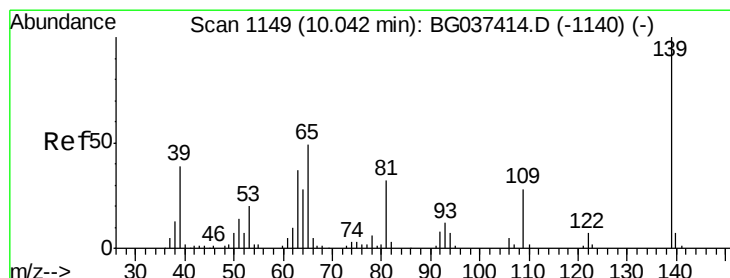
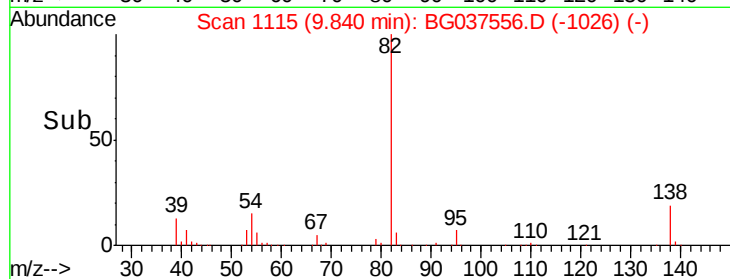
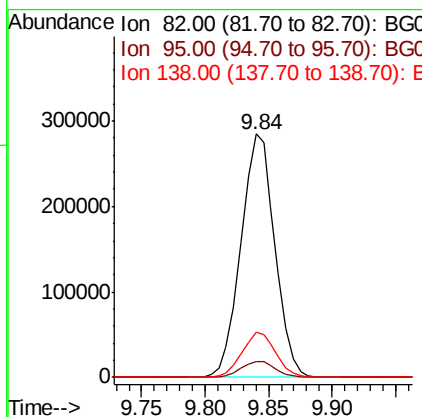
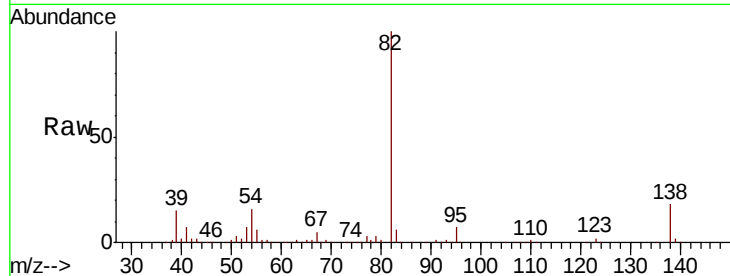
ClientSampleId :

RAV-GT104MS

Tot Ion:	82	Resp:	527813
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.500 ng

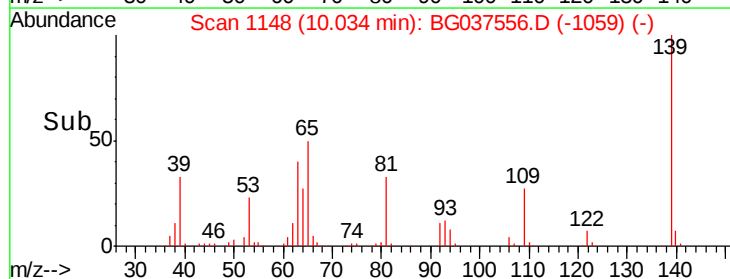
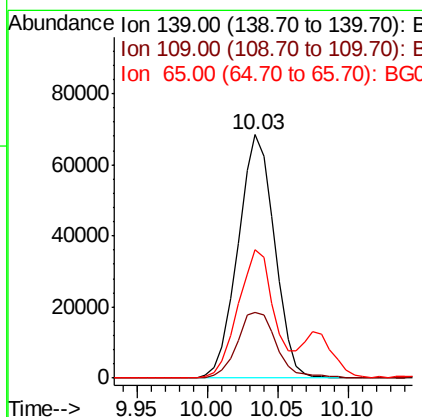
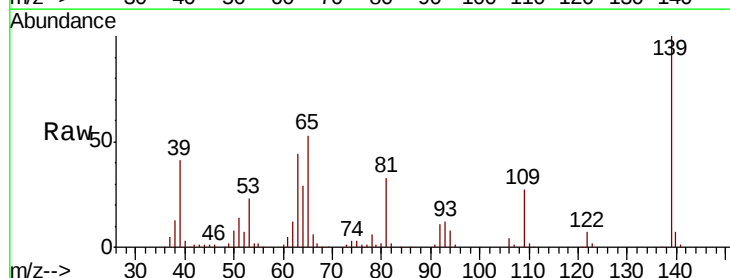
RT: 10.03 min Scan# 1148

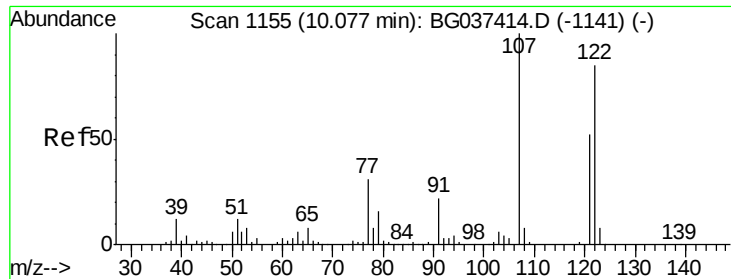
Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Tgt Ion:	139	Resp:	123987
Ion Ratio	Lower	Upper	
139	100		
109	27.1	23.3	34.9
65	52.5	39.8	59.8





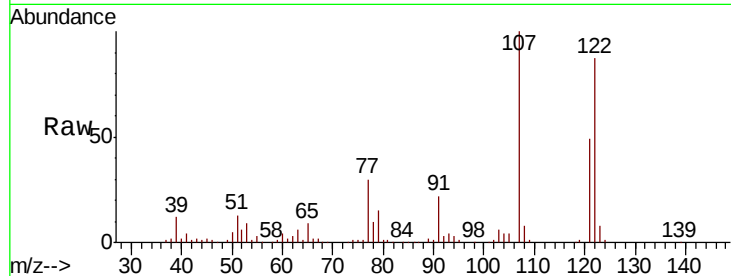
#27
2,4-Dimethylphenol
Concen: 46.031 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	94.2	141.2
121	56.4	47.3	70.9

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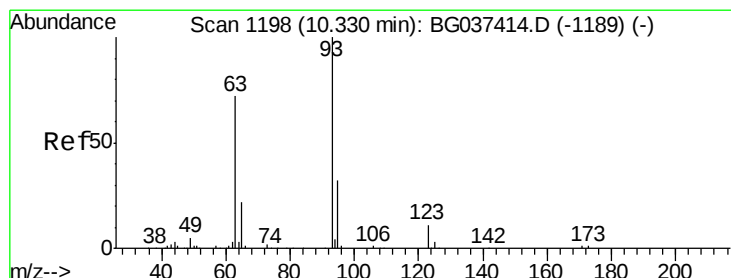
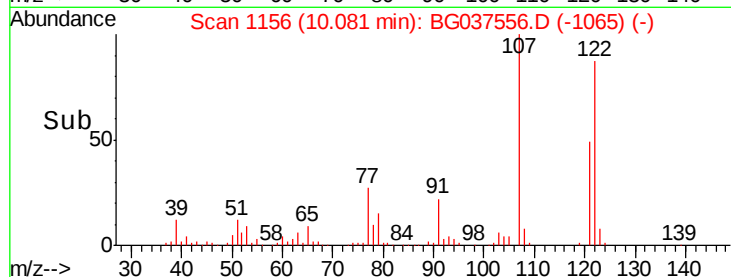
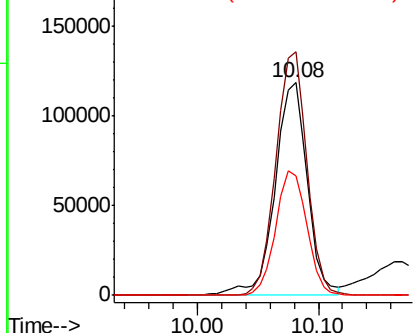


Abundance

Ion 122.00 (121.70 to 122.70): E

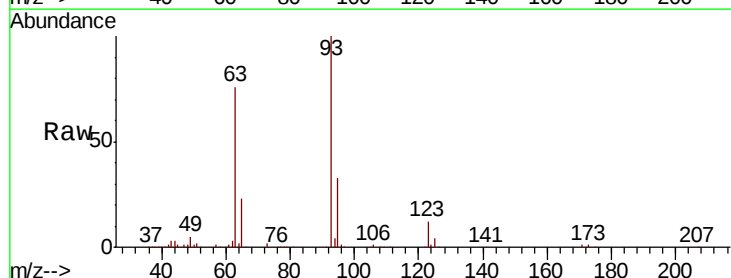
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.068 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.6	37.0
123	11.8	9.1	13.7

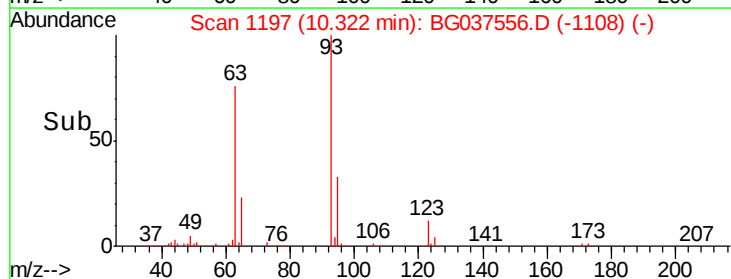
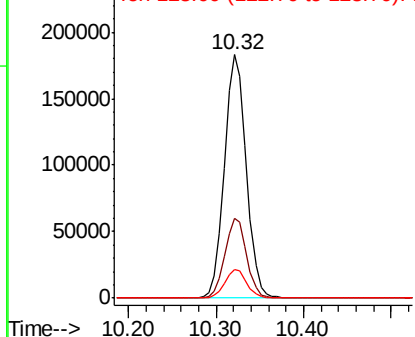


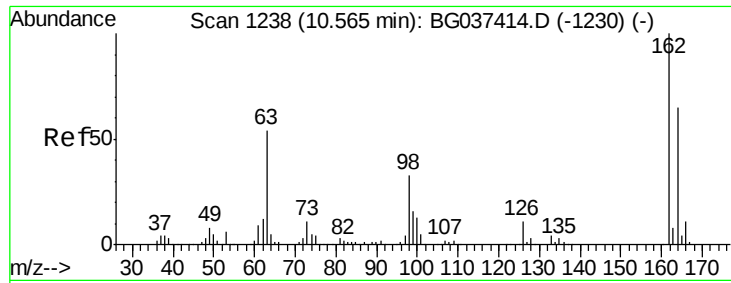
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





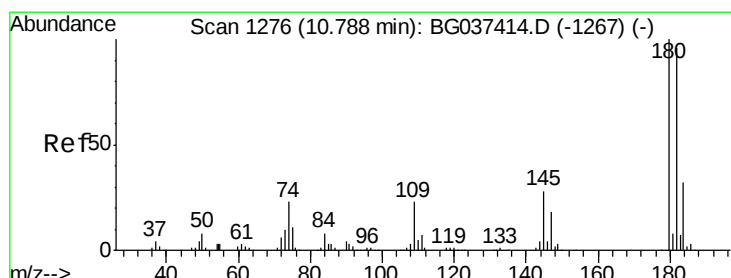
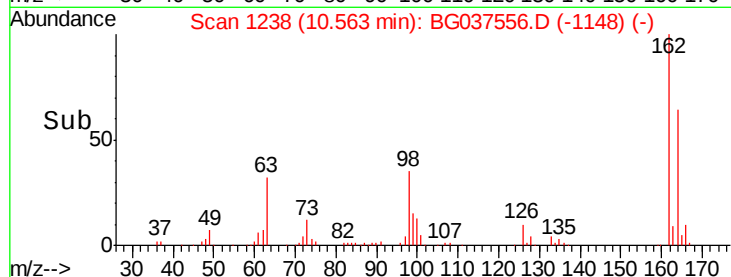
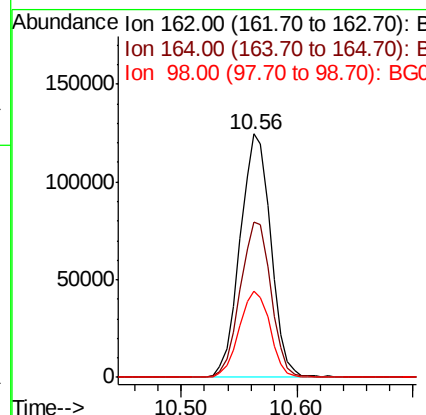
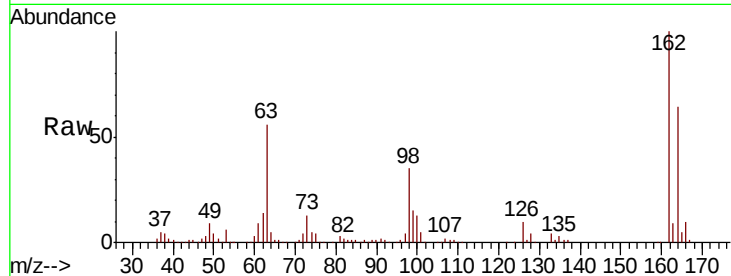
#29
2,4-Dichlorophenol
Concen: 43.309 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229565		
164	64.0	43.2	83.2	
98	35.5	16.0	56.0	

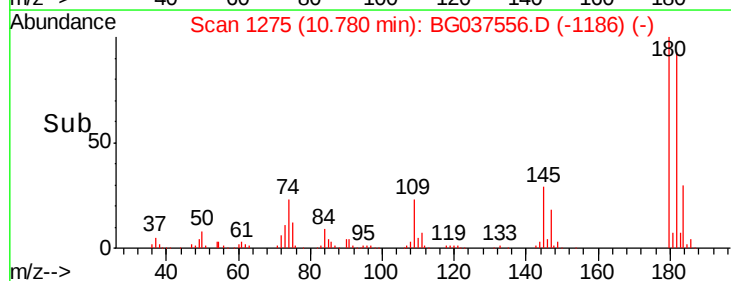
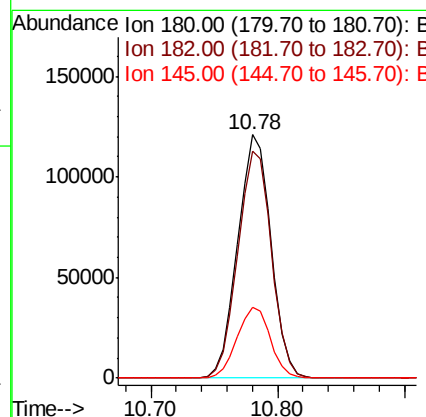
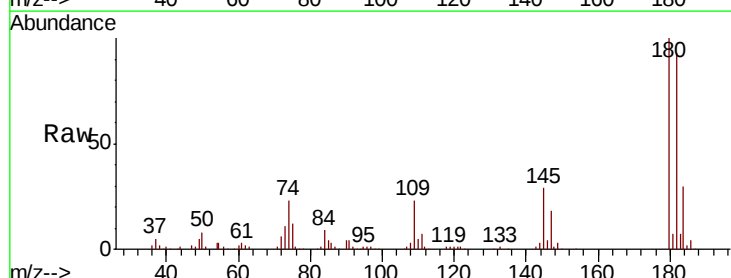
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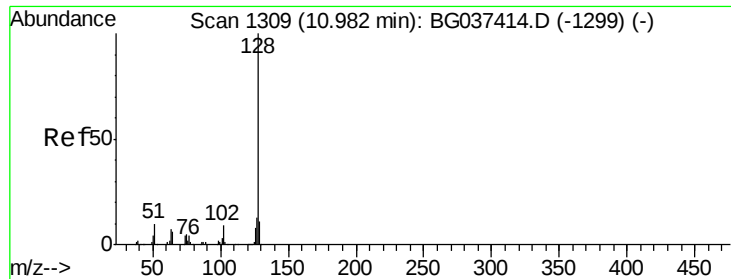
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#30
1,2,4-Trichlorobenzene
Concen: 38.065 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	219419		
182	93.0	77.7	116.5	
145	29.2	23.3	34.9	





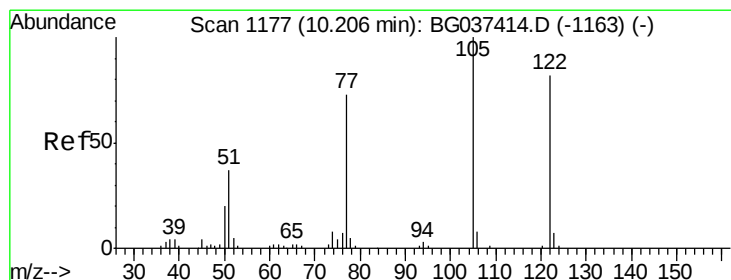
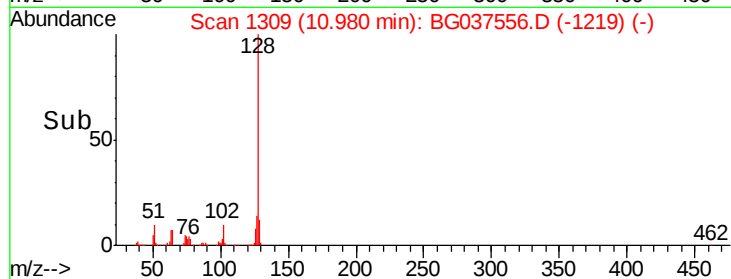
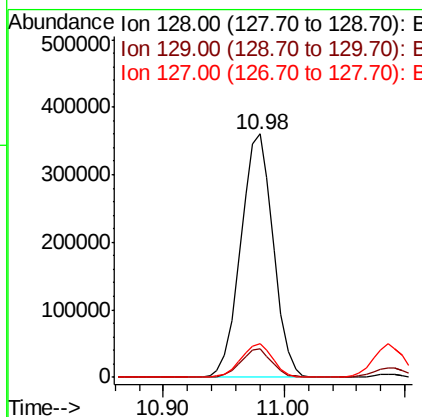
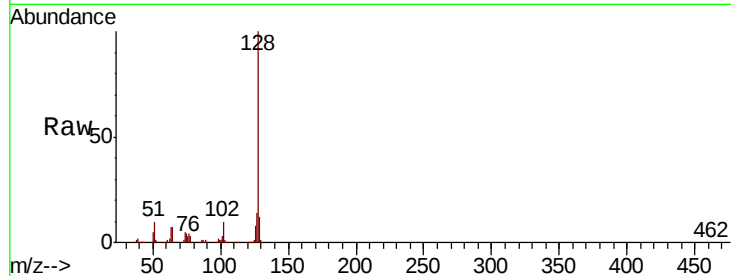
#31
Naphthalene
Concen: 42.963 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion:	128	Resp:	673511
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	13.9	11.1	16.7

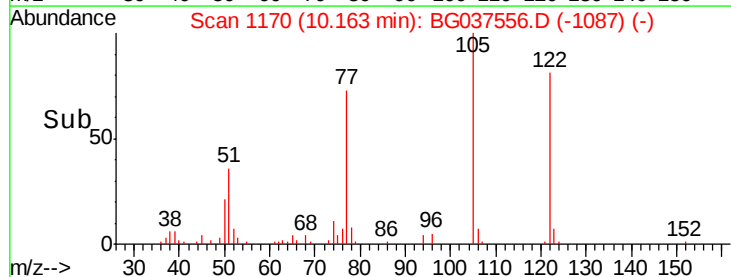
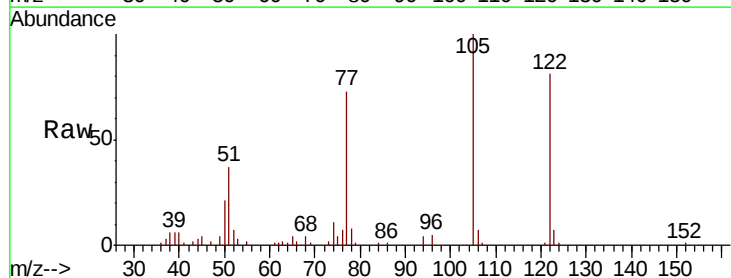
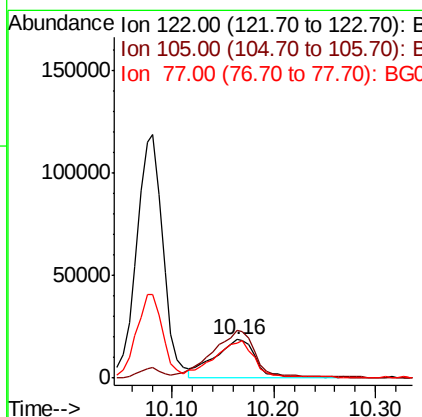
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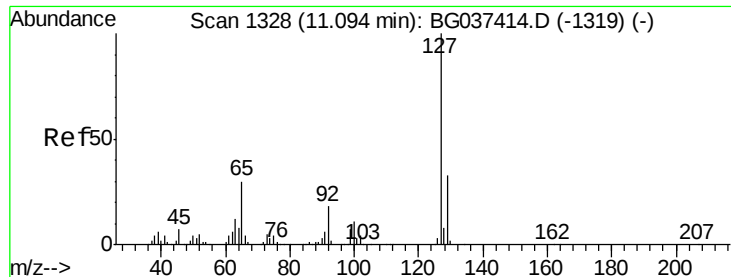
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#32
Benzoic acid
Concen: 16.910 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion:	122	Resp:	52290
Ion Ratio	Lower	Upper	
122	100		
105	124.1	106.7	146.7
77	91.1	72.2	112.2





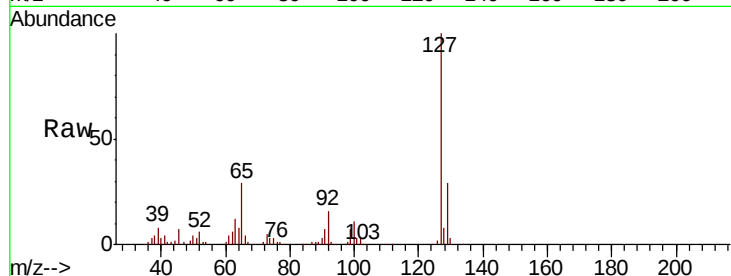
#33
4-Chloroaniline
Concen: 12.086 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.3	27.1	40.7
65	29.0	26.6	39.8
92	16.4	16.4	24.6

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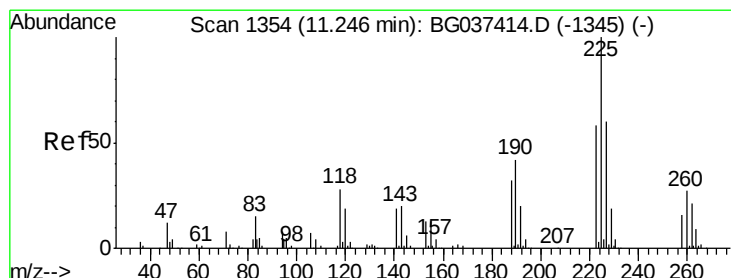
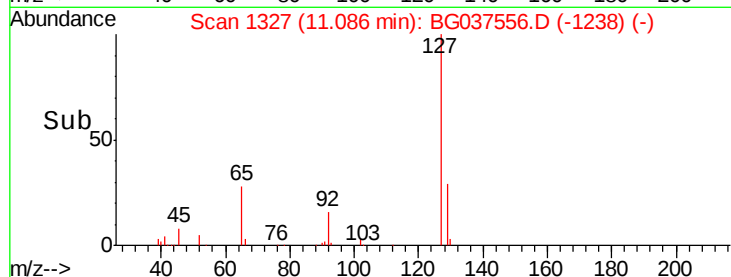
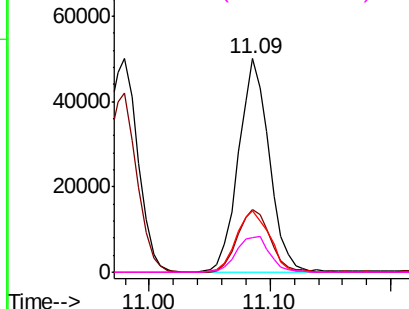
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

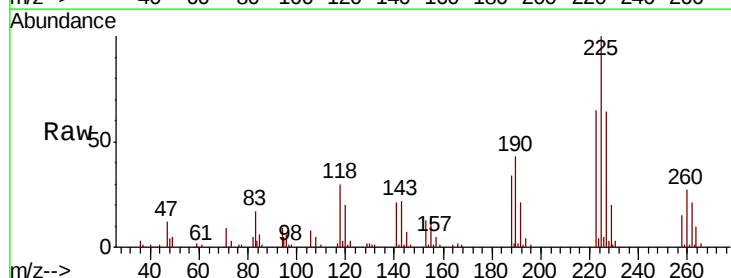
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.433 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	48.2	72.4
227	64.0	51.6	77.4

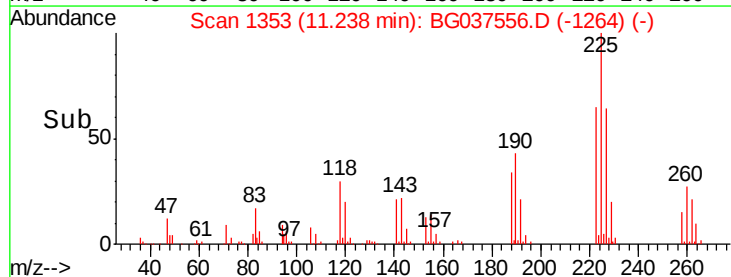
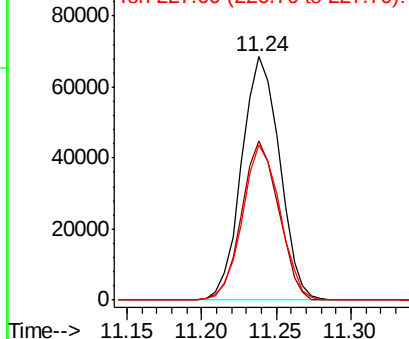


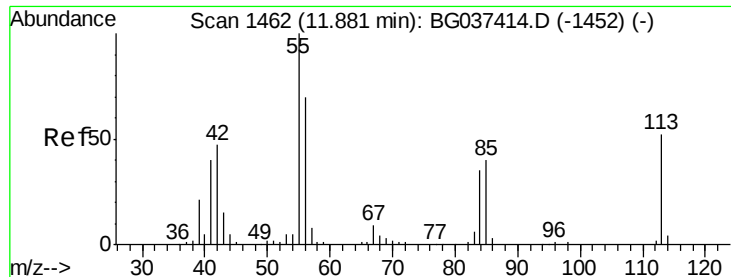
Abundance

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





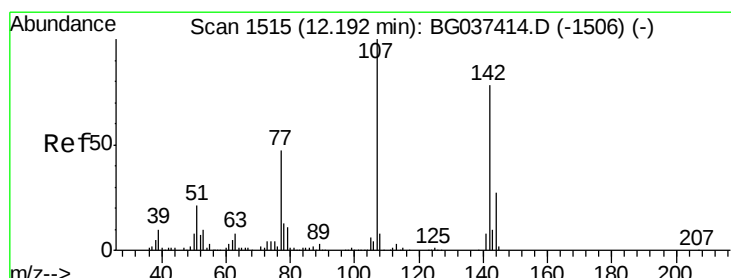
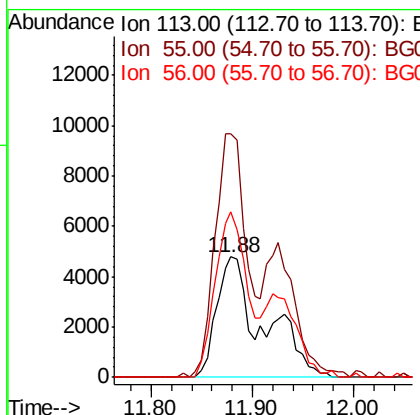
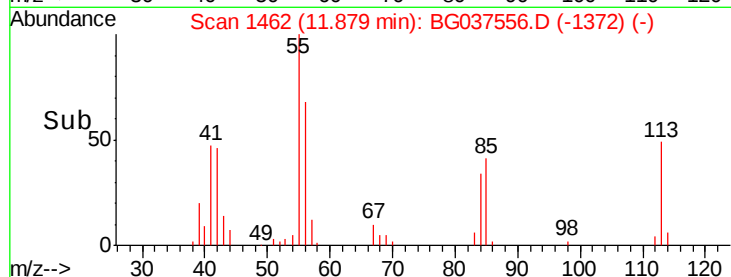
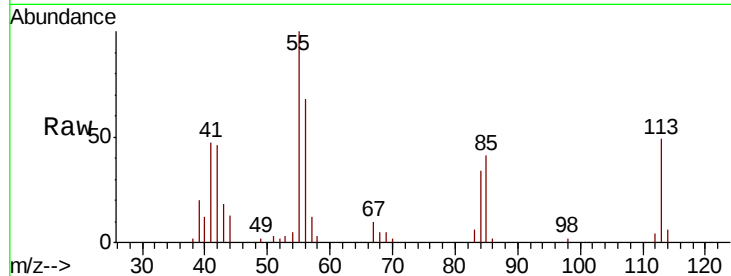
#35
Caprolactam
Concen: 7.147 ng/ml
RT: 11.88 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.3	176.6	216.6
56	137.9	128.3	168.3

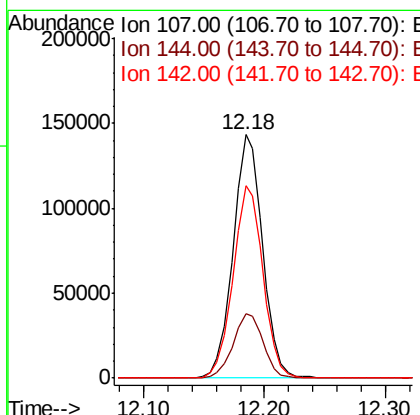
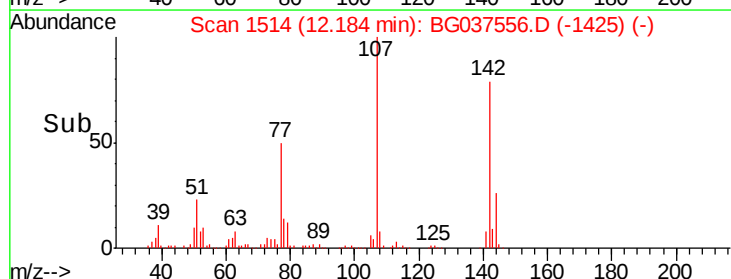
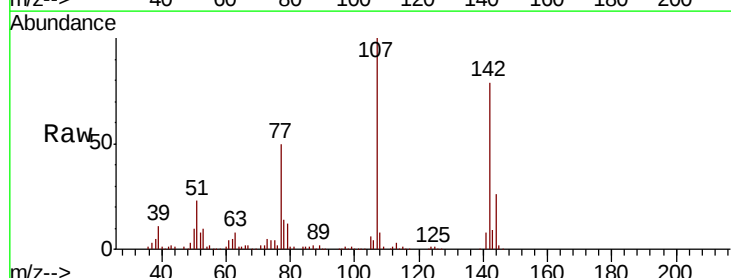
Manual Integrations
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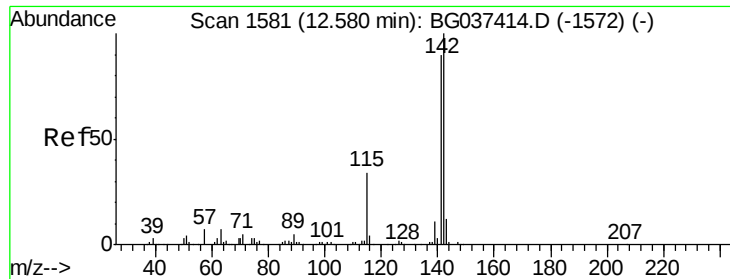
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#36
4-Chloro-3-methylphenol
Concen: 40.738 ng
RT: 12.18 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.7	31.1
142	79.1	64.4	96.6





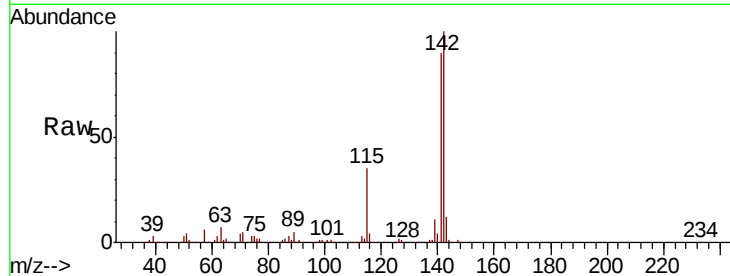
#37
2-Methylnaphthalene
Concen: 46.795 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	34.6	27.8	41.8

Manual Integrations
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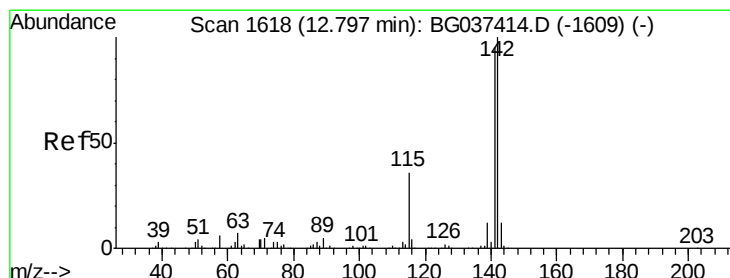
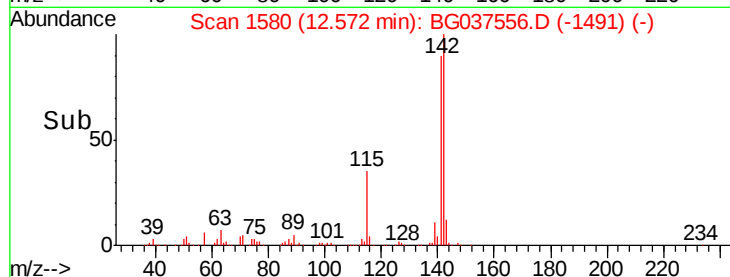
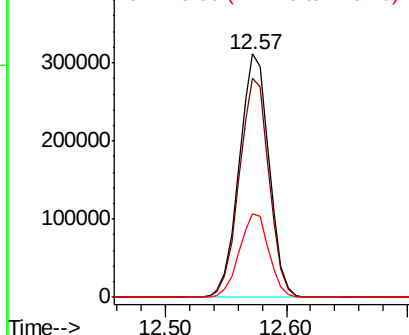


Abundance

Ion 142.00 (141.70 to 142.70): E

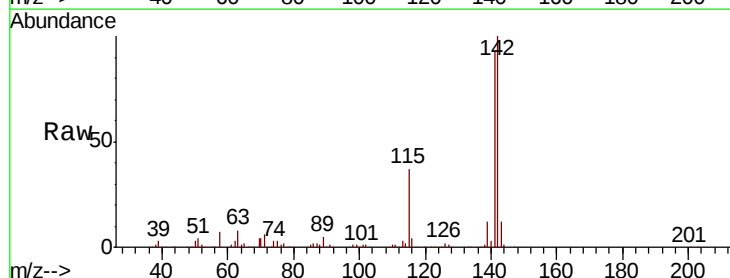
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.014 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.2	112.8
116	4.0	3.3	4.9

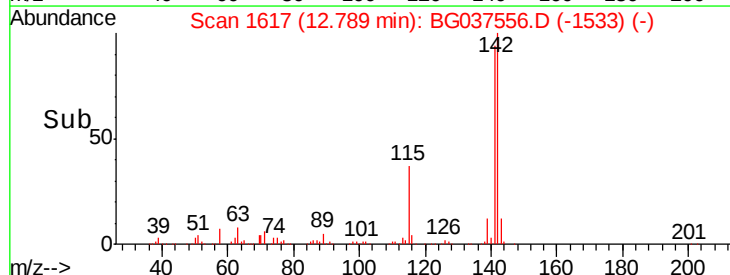
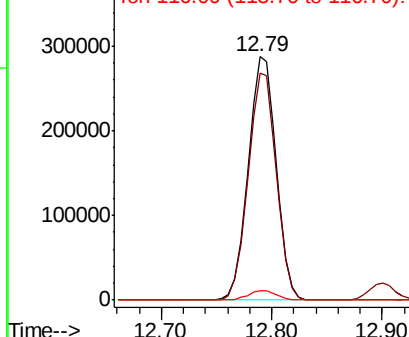


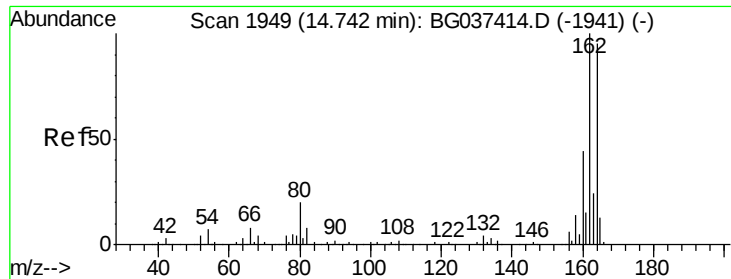
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





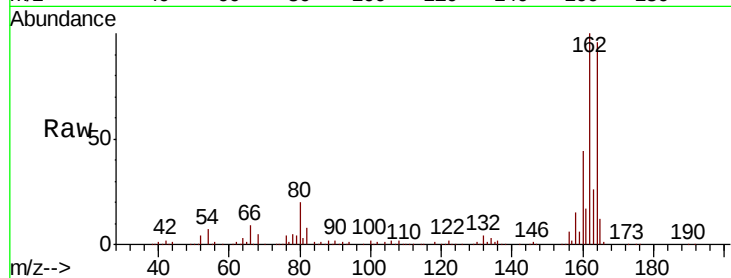
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	45.4	36.3	54.5

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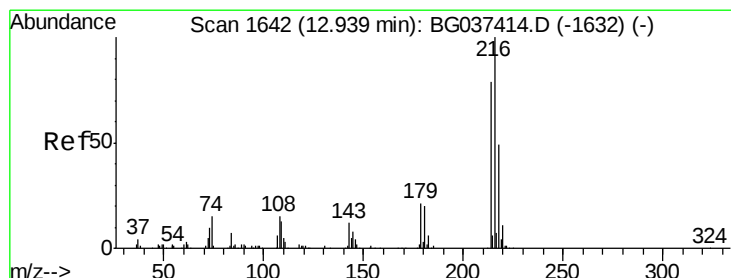
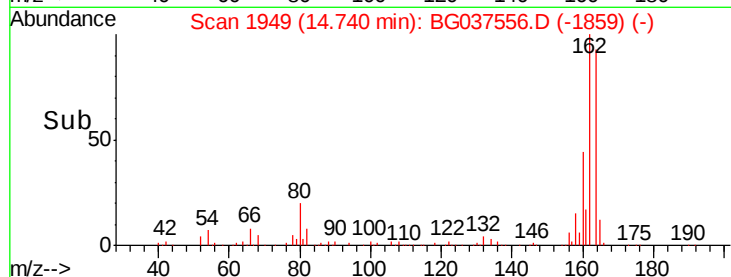
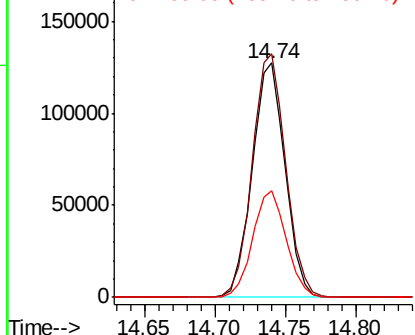


Abundance

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: 40.175 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	21.3	17.4	26.0
108	19.1	13.9	20.9

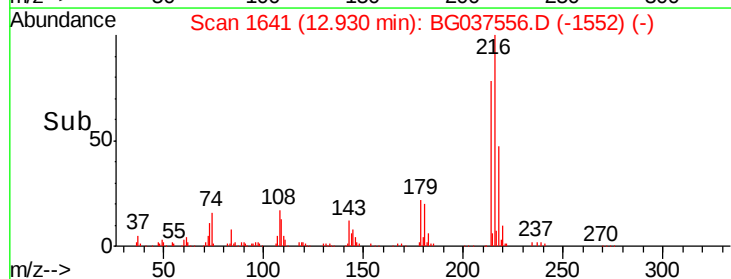
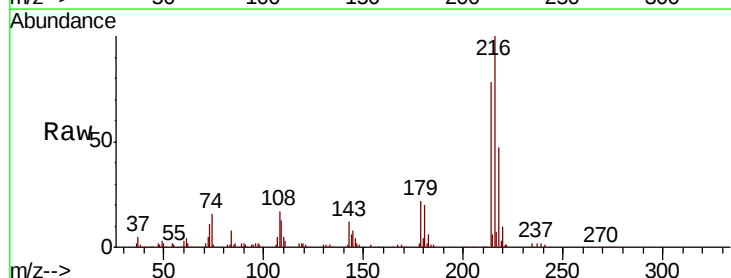
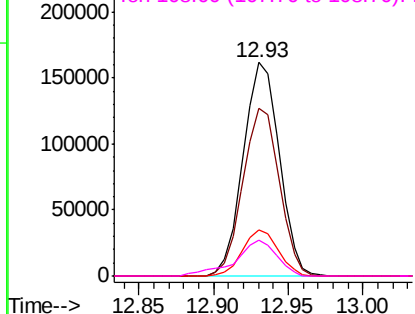
Abundance

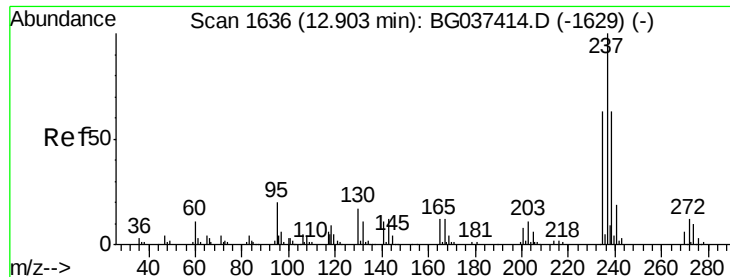
Ion 216.00 (215.70 to 216.70): E

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: 88.991 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

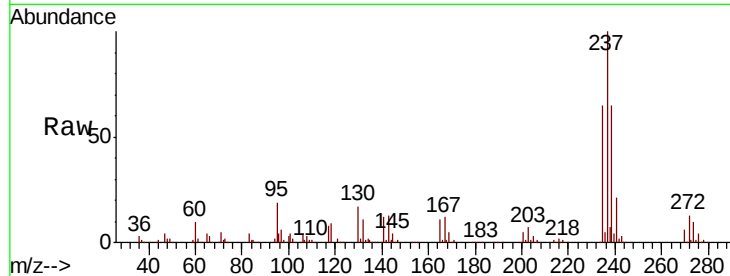
ClientSampleId :

RAV-GT104MS

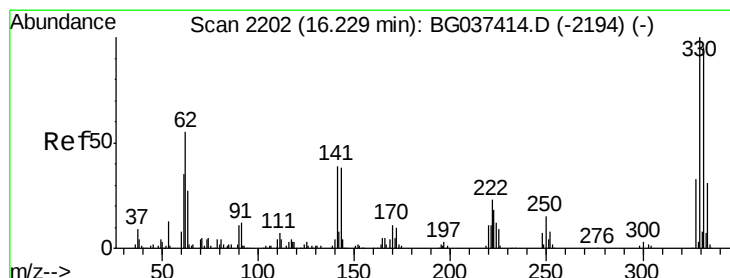
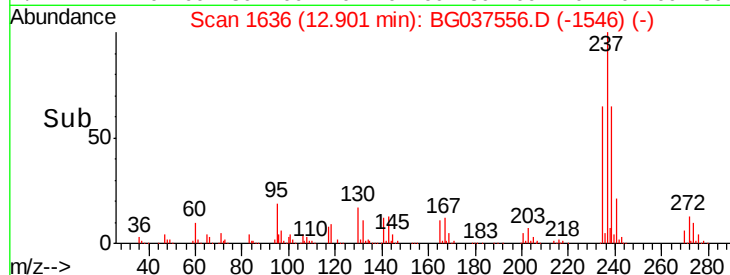
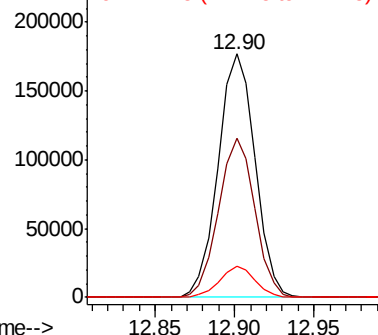
Tot Ion:	237	Resp:	286068
Ion Ratio	Lower	Upper	
237	100		
235	65.1	42.5	82.5
272	13.0	0.0	31.6

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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: 115.704 ng

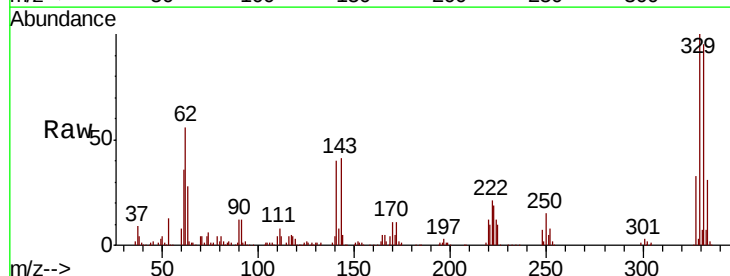
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

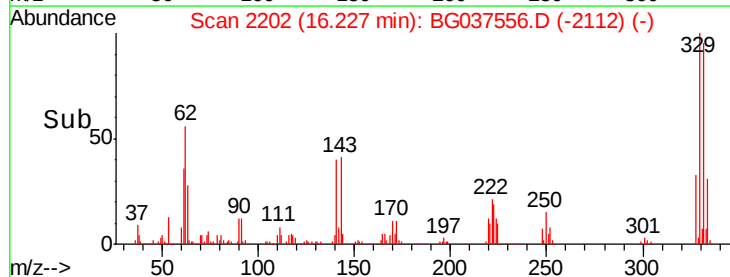
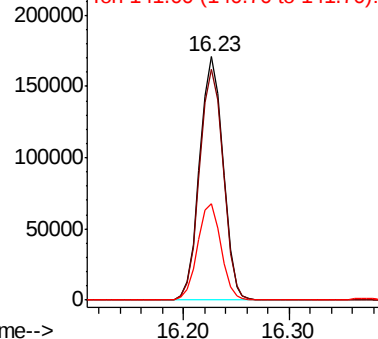
Lab File: BG037556.D

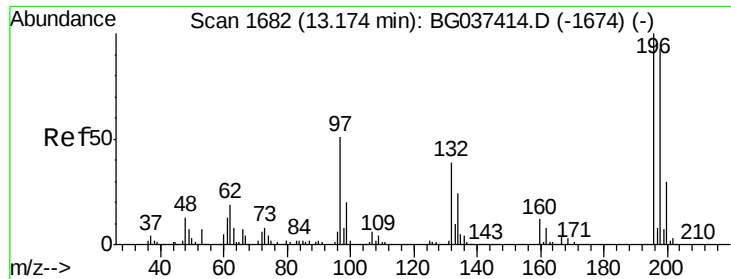
Acq: 25 Oct 2018 22:14

Tgt Ion:	330	Resp:	263292
Ion Ratio	Lower	Upper	
330	100		
332	95.8	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





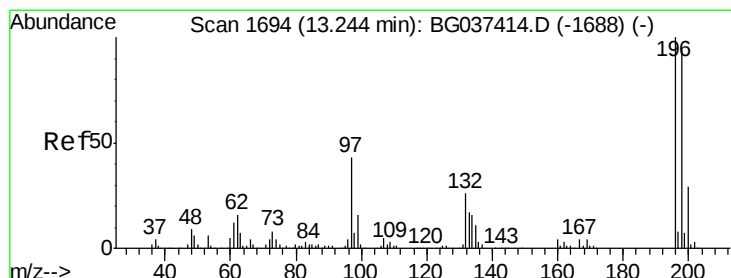
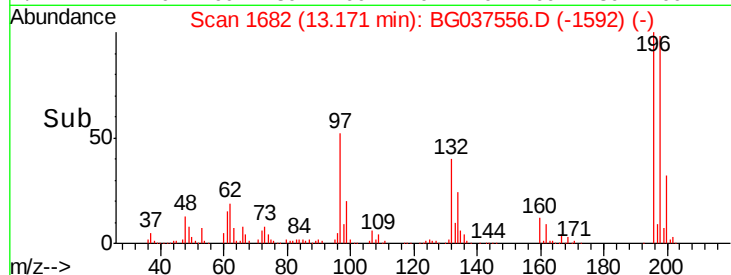
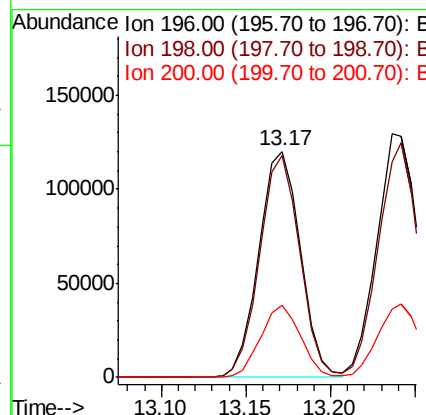
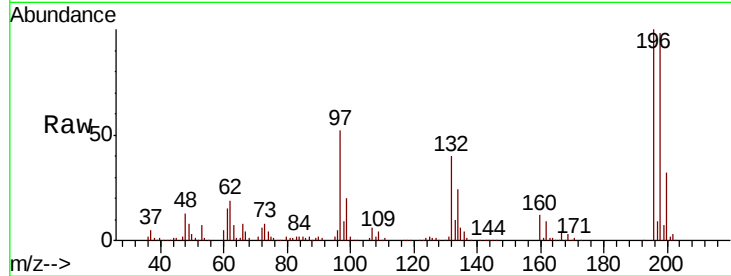
#43
 2,4,6-Trichlorophenol
 Concen: 45.670 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205328		
198	98.0	76.4	114.6	
200	31.8	24.9	37.3	

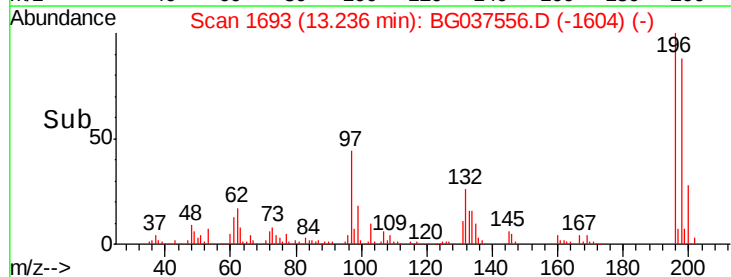
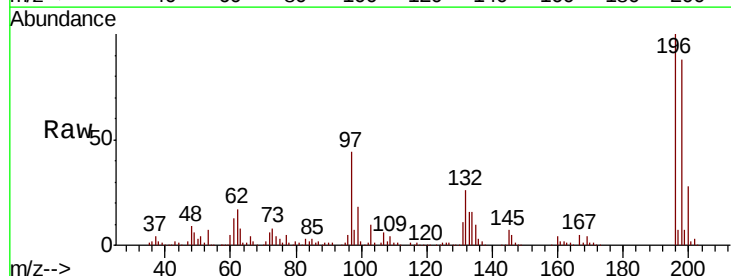
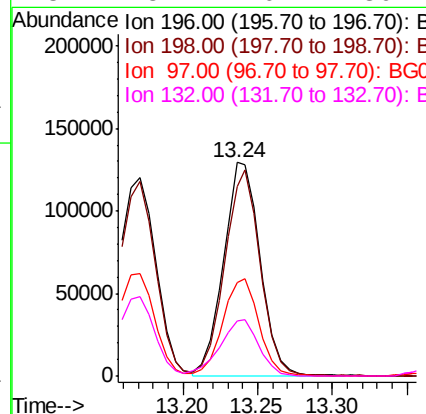
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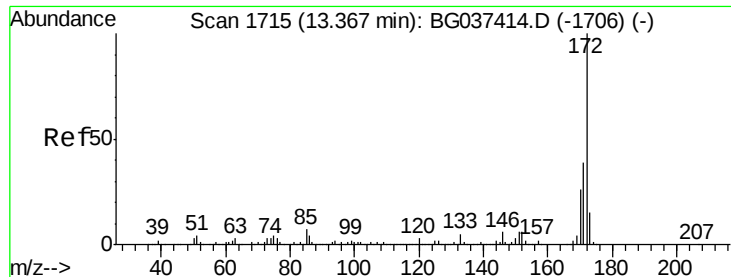
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#44
 2,4,5-Trichlorophenol
 Concen: 45.203 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221269		
198	88.5	74.2	111.2	
97	43.7	34.1	51.1	
132	25.7	20.2	30.4	





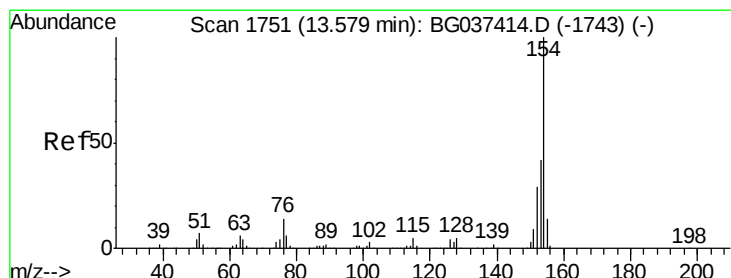
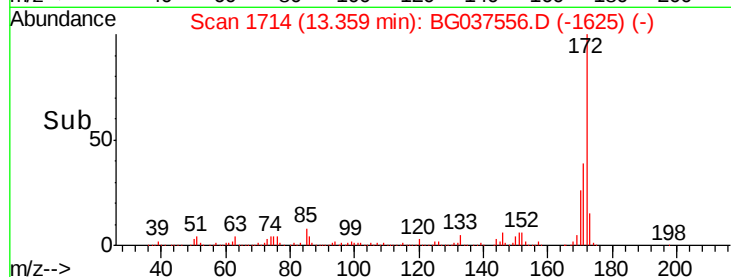
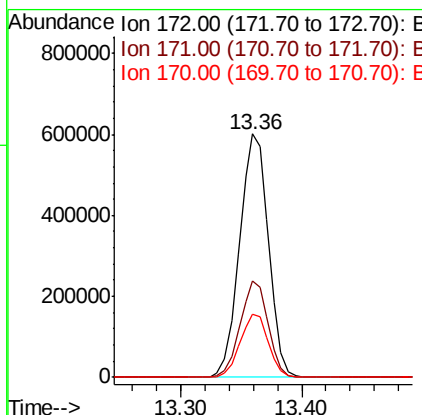
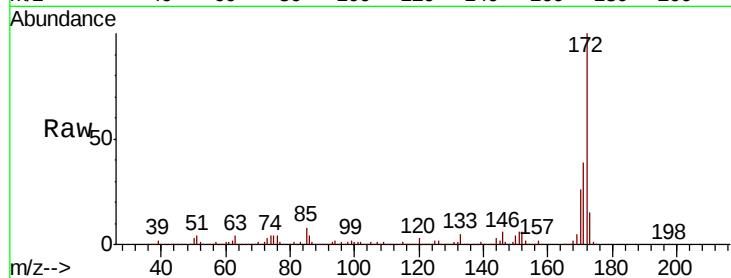
#45
2-Fluorobiphenyl
Concen: 72.164 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.4
170	26.0	20.2	30.2

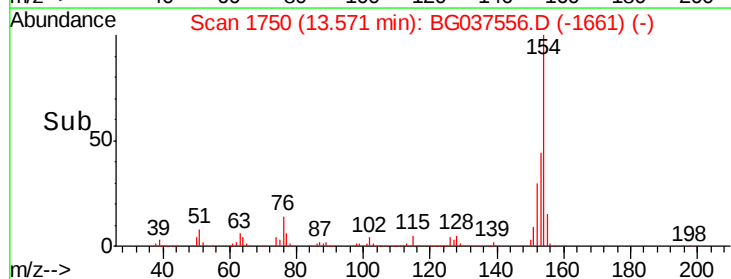
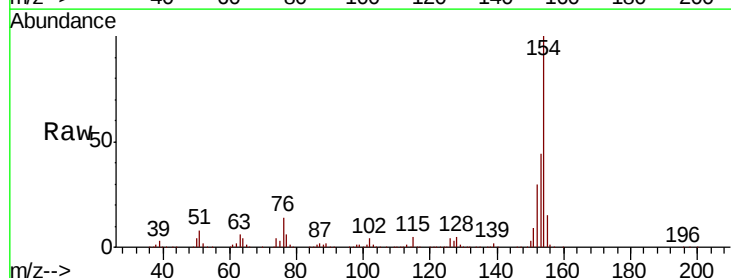
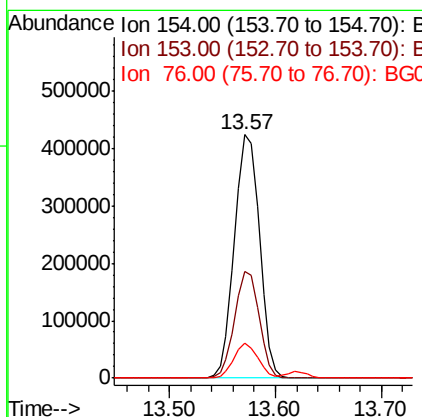
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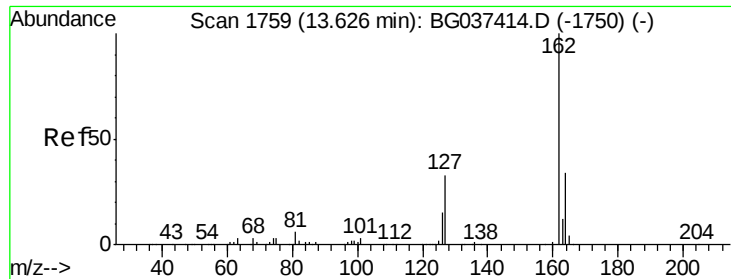
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#46
1,1'-Biphenyl
Concen: 40.234 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	14.2	0.0	33.2





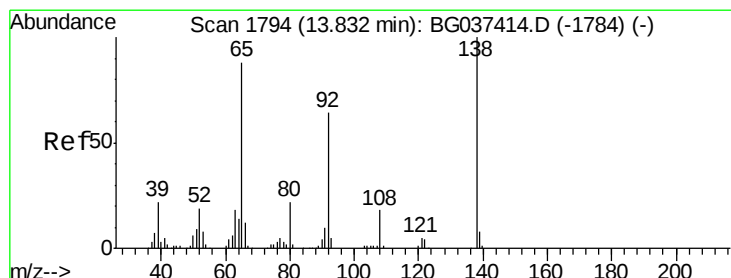
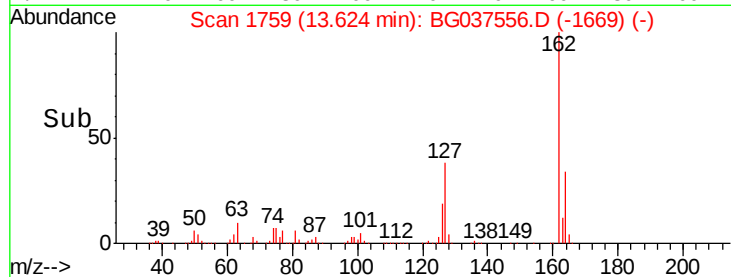
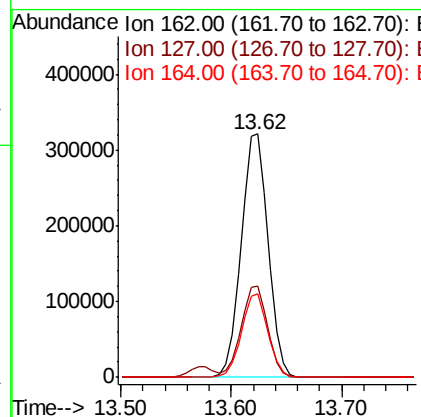
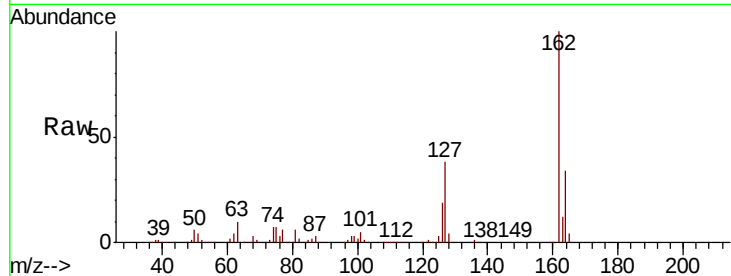
#47
 2-Chloronaphthalene
 Concen: 42.099 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion:	162	Resp:	550315
Ion Ratio		Lower	Upper
162	100		
127	37.7	30.5	45.7
164	34.3	26.4	39.6

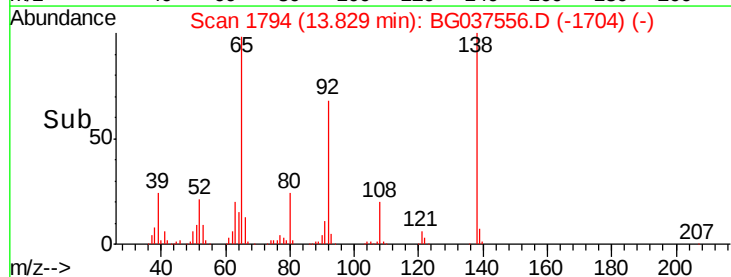
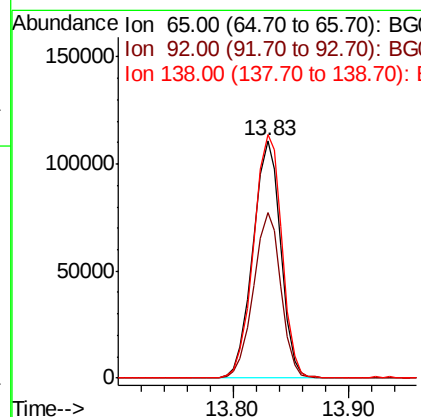
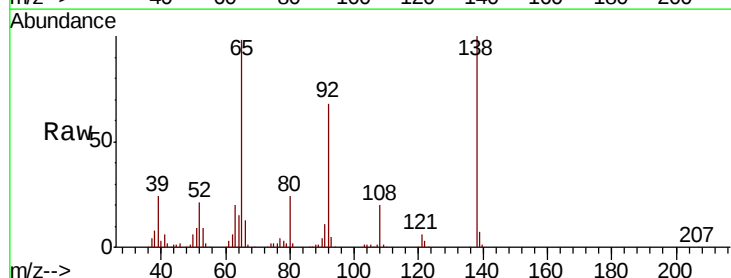
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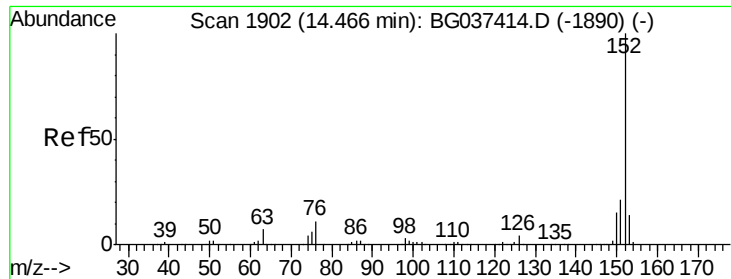
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#48
 2-Nitroaniline
 Concen: 47.018 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion:	65	Resp:	186382
Ion Ratio		Lower	Upper
65	100		
92	69.4	53.2	79.8
138	102.5	79.3	118.9





#49

Acenaphthylene

Concen: 46.166 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

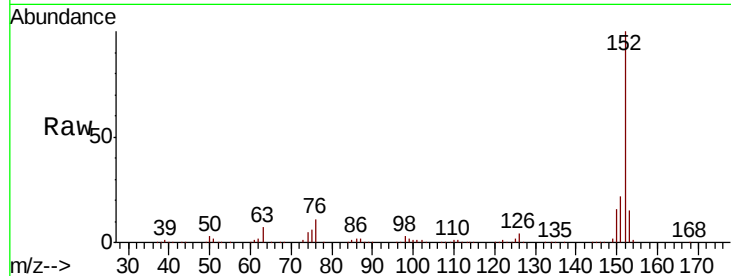
ClientSampleId :

RAV-GT104MS

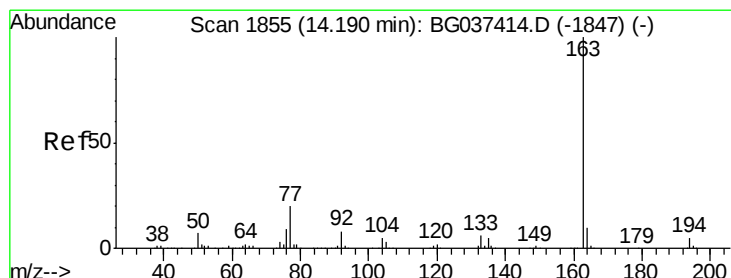
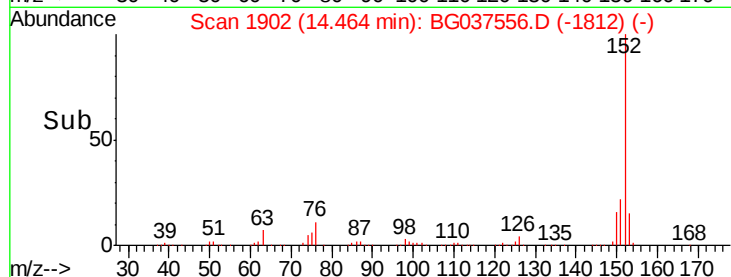
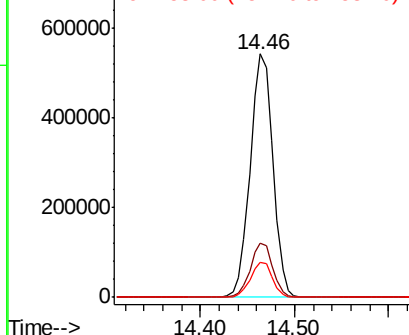
Tot Ion:	152	Resp:	907804
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.1	25.7
153	14.6	11.1	16.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.369 ng

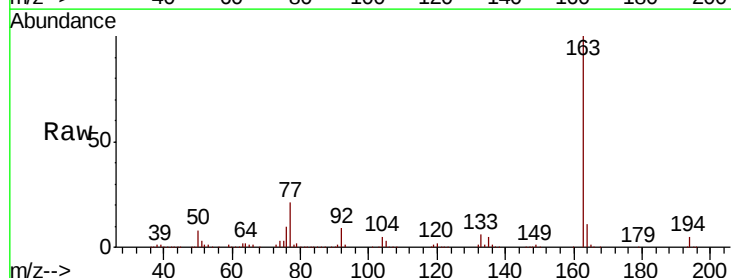
RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

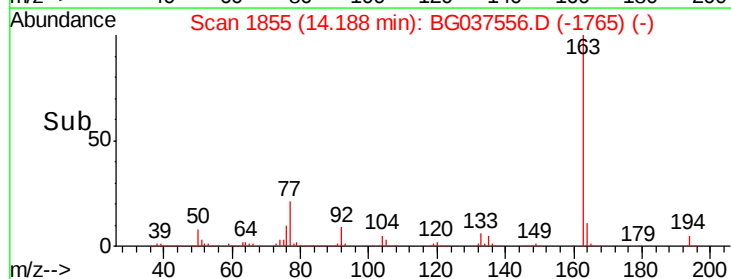
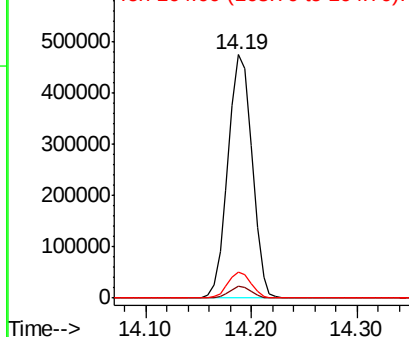
Lab File: BG037556.D

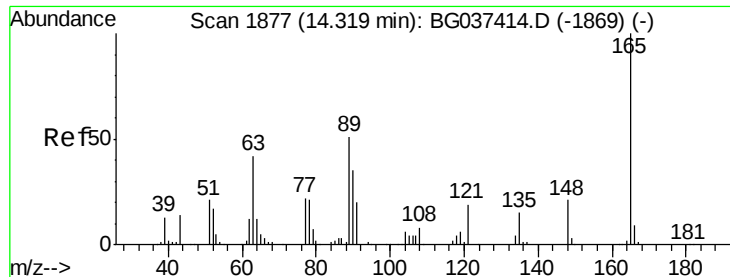
Acq: 25 Oct 2018 22:14

Tgt Ion:	163	Resp:	748417
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	10.7	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





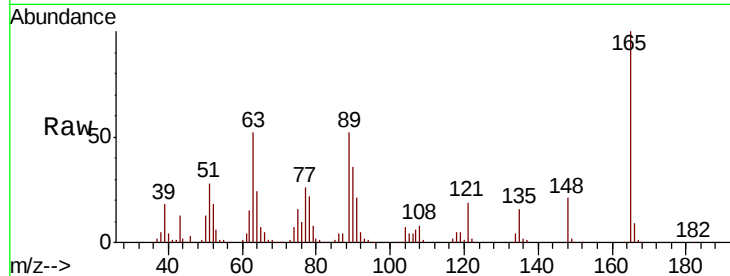
#51
2,6-Dinitrotoluene
Concen: 46.607 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

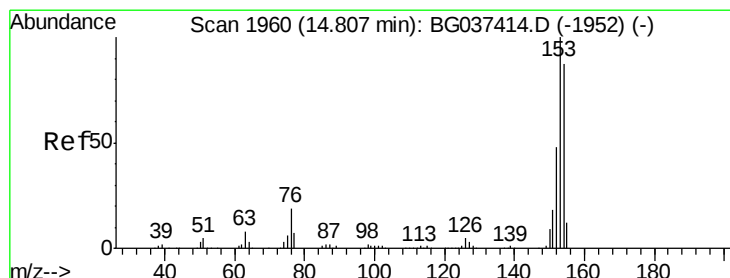
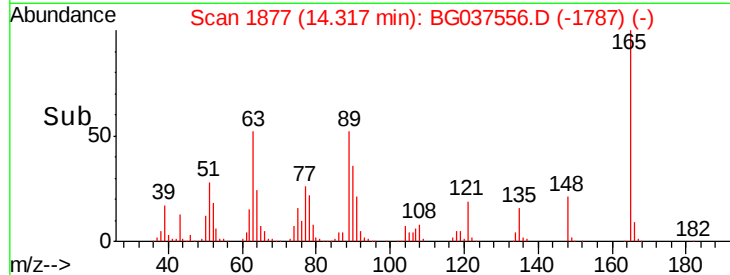
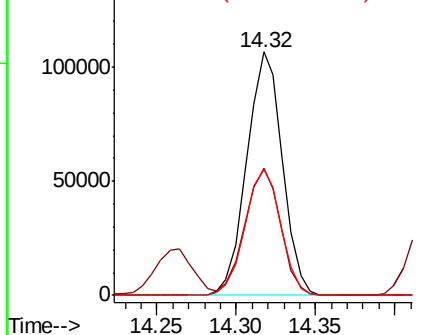
Tot Ion	Ratio	Resp	Lower	Upper
165	100	166414		
63	52.2	43.4	65.2	
89	51.7	45.8	68.6	

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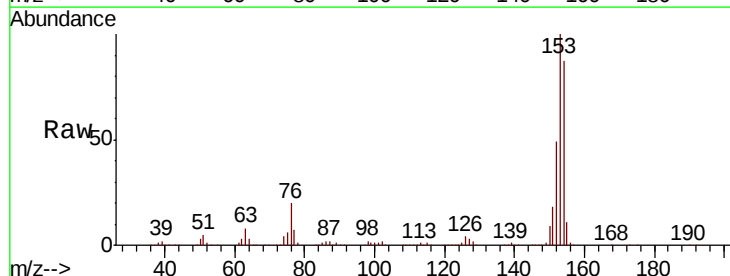


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

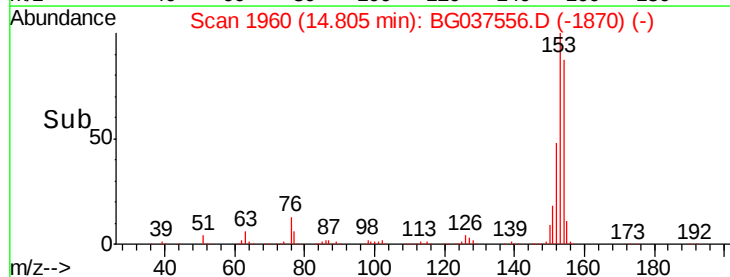
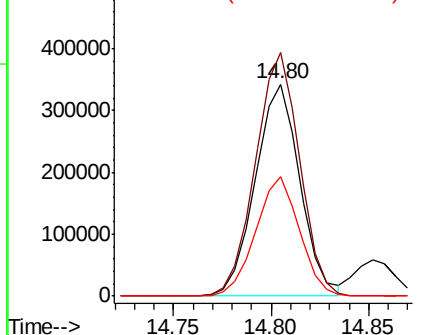


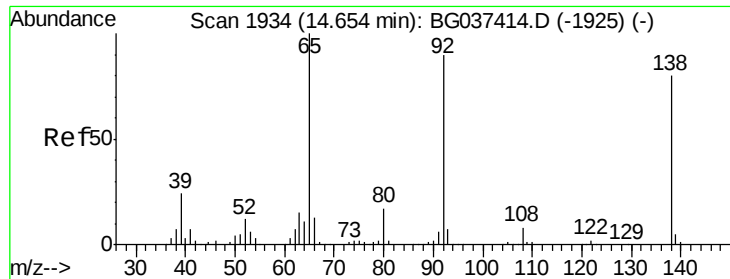
#52
Acenaphthene
Concen: 44.928 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	544092		
153	114.9	93.4	140.0	
152	56.1	44.7	67.1	



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





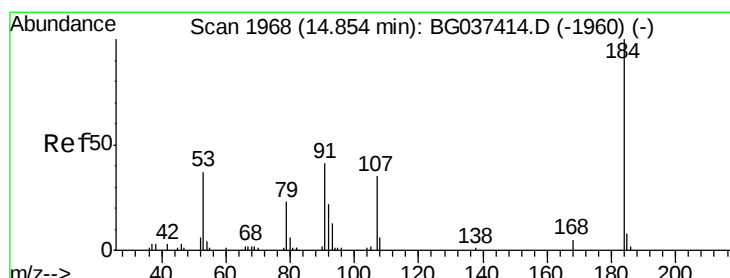
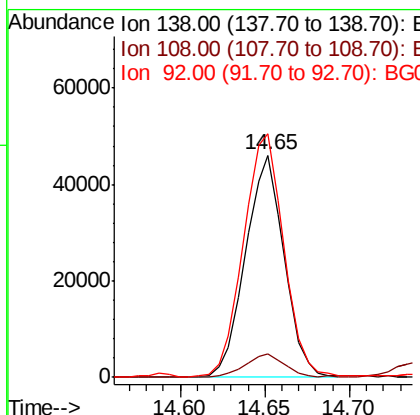
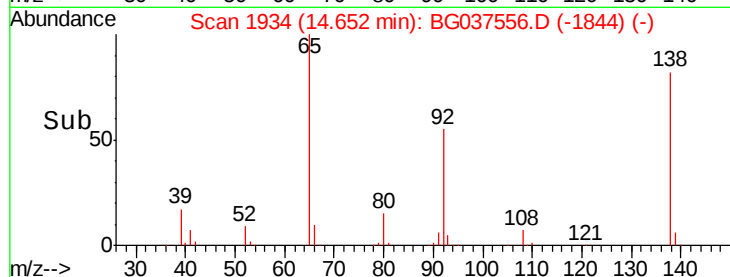
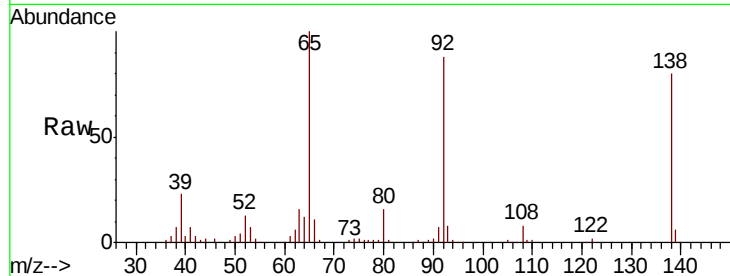
#53
3-Nitroaniline
Concen: 18.432 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.0	16.6#
92	109.5	95.2	142.8

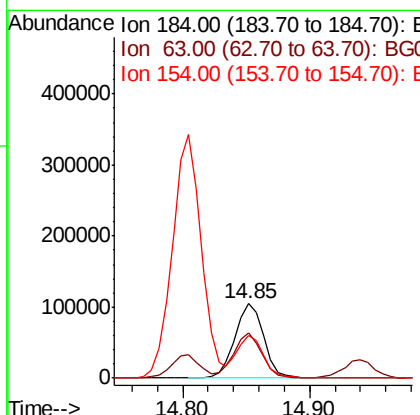
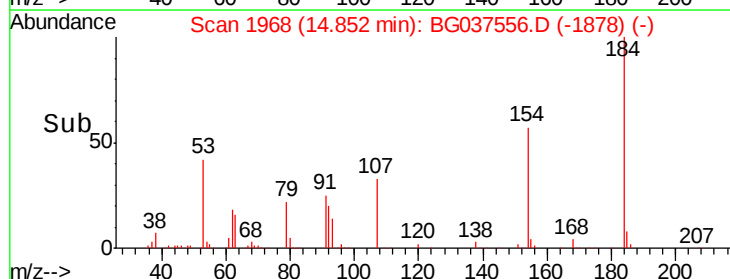
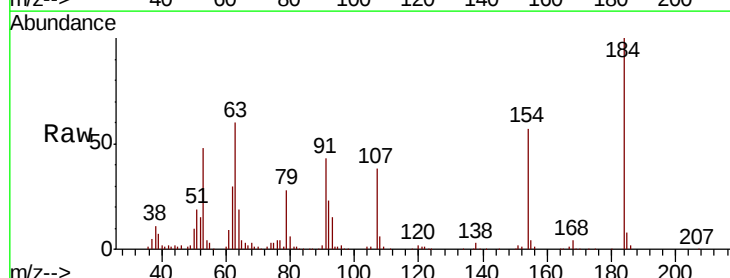
Manual Integrations
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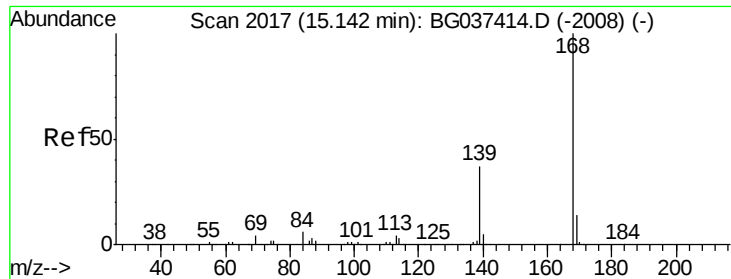
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#54
2,4-Dinitrophenol
Concen: 93.997 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	42.6	63.8
154	56.7	41.8	62.6





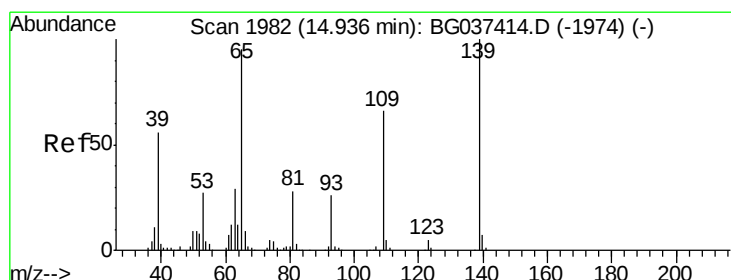
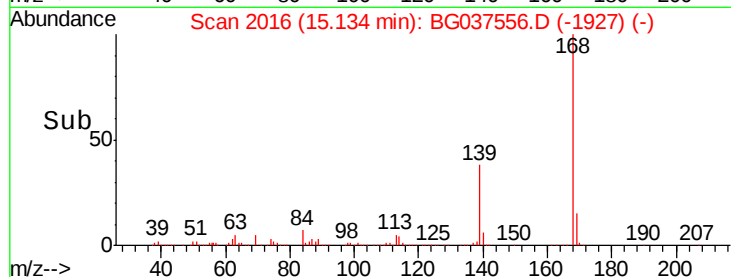
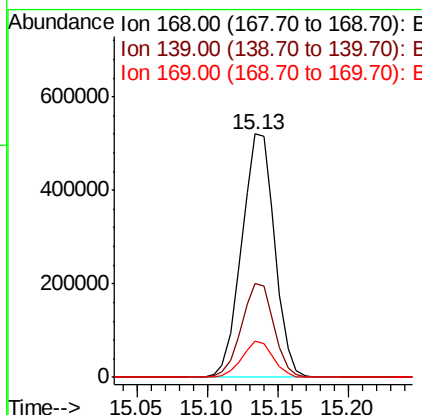
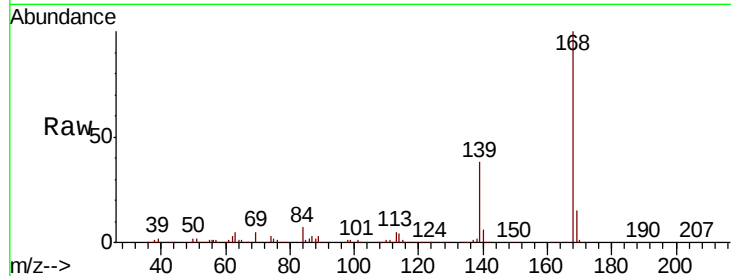
#55
Dibenzofuran
Concen: 42.322 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.4	44.0
169	15.1	11.0	16.6

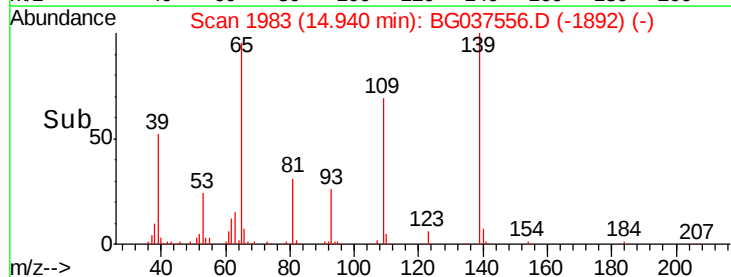
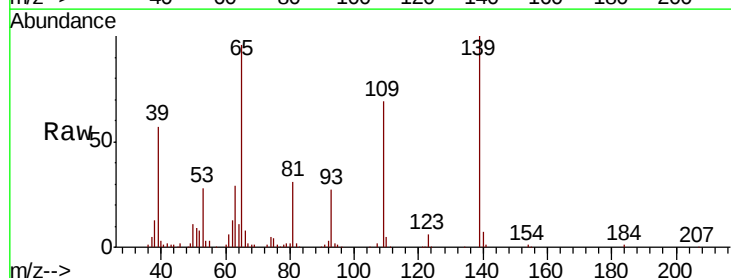
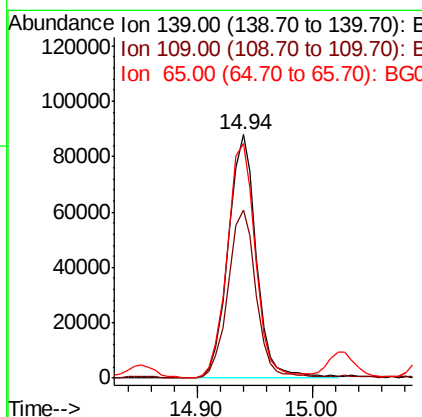
Manual Integrations
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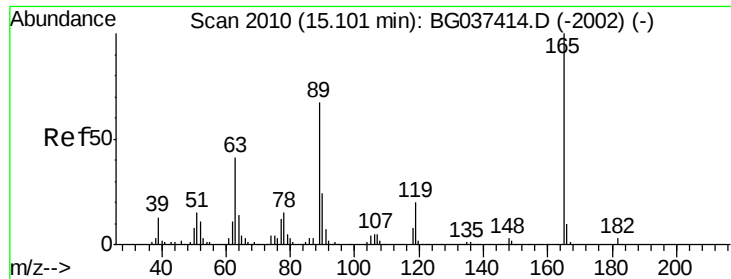
Sohil
10/26/2018 3:46:45 PM



#56
4-Nitrophenol
Concen: 50.596 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	49.5	89.5
65	96.2	76.8	116.8





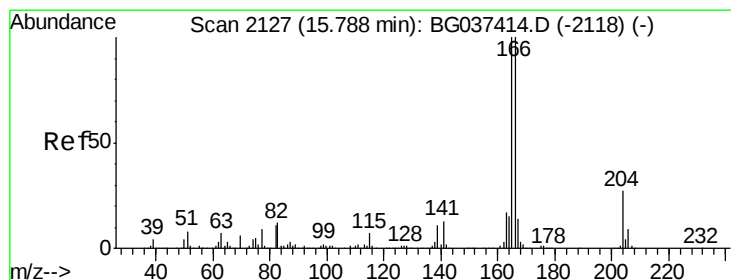
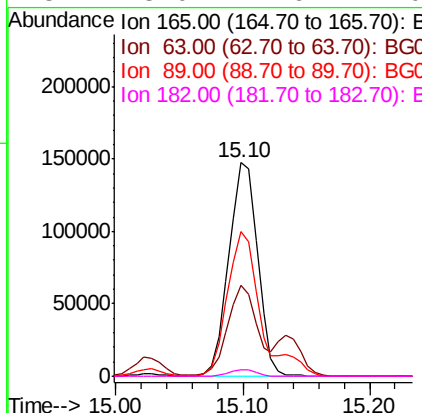
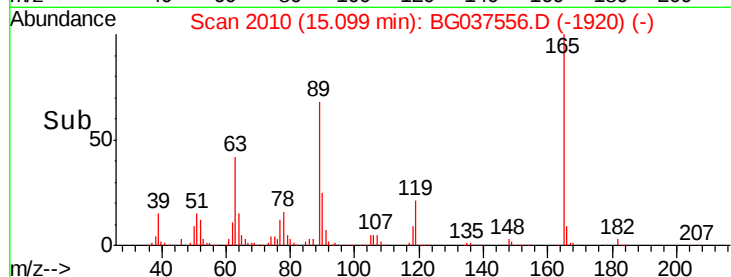
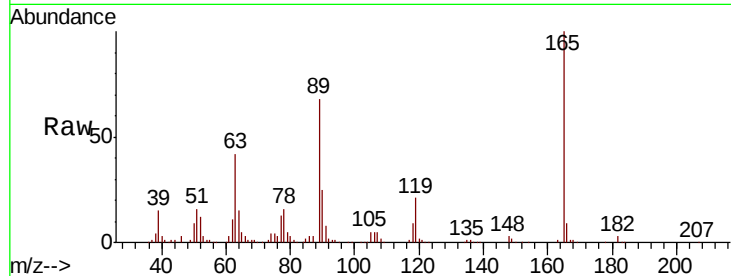
#57
2,4-Dinitrotoluene
Concen: 49.456 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231801		
63	42.3		33.4	50.0
89	67.5		57.2	85.8
182	3.0		2.6	4.0

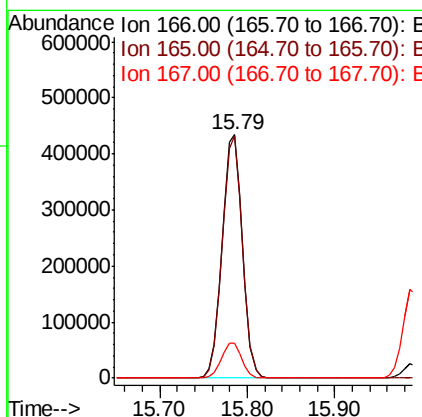
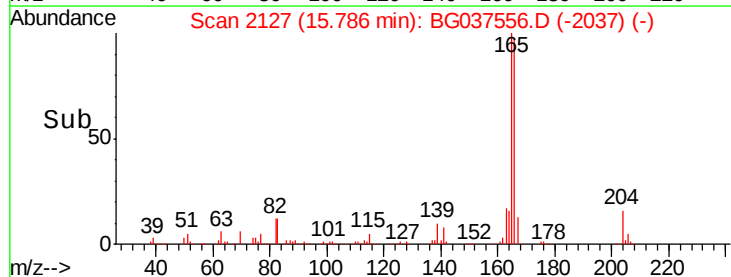
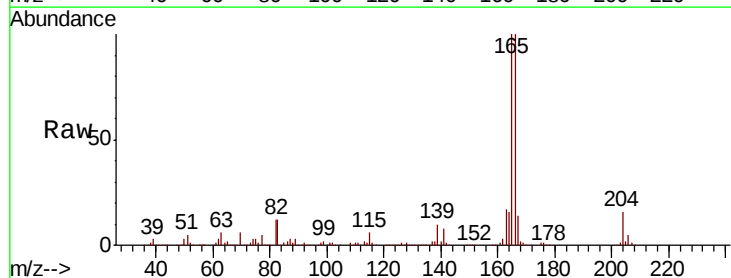
Manual Integrations
APPROVED

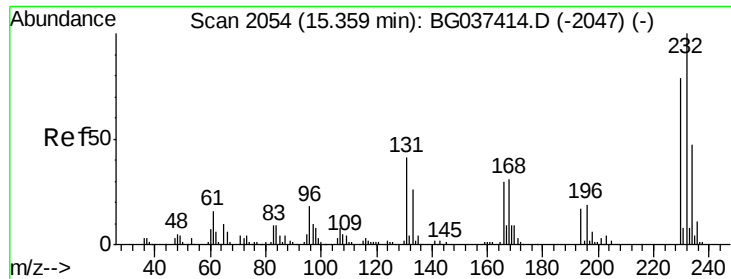
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#58
Fluorene
Concen: 46.175 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	693808		
165	99.5		79.0	118.6
167	14.3		11.3	16.9





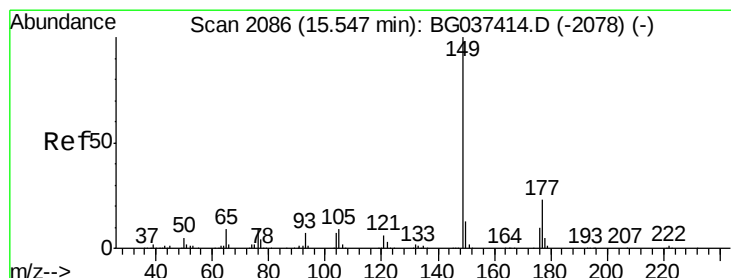
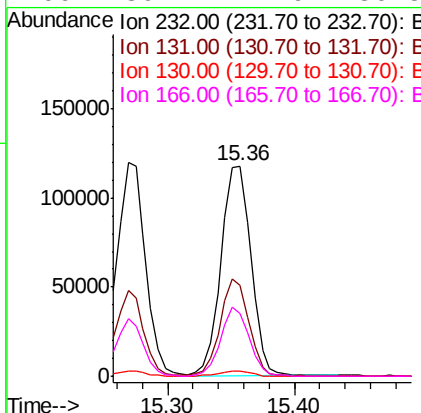
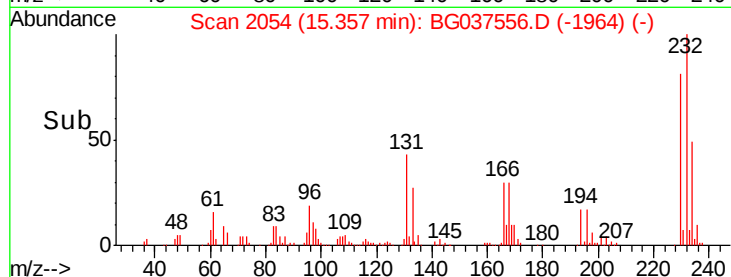
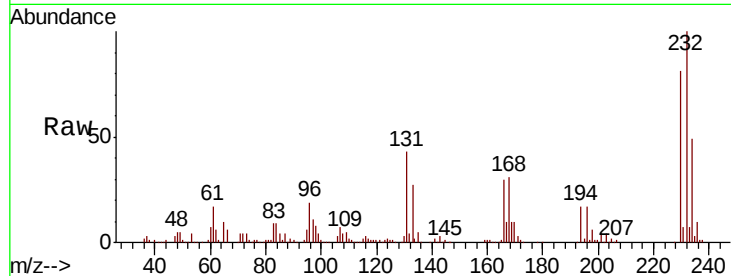
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.947 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.7	50.5
130	2.6	2.1	3.1
166	30.7	24.6	36.8

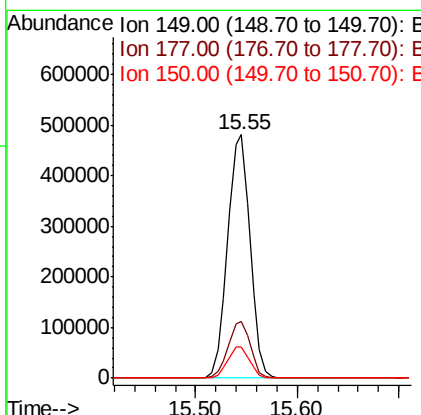
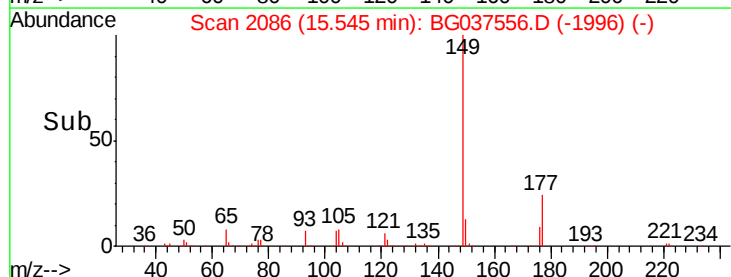
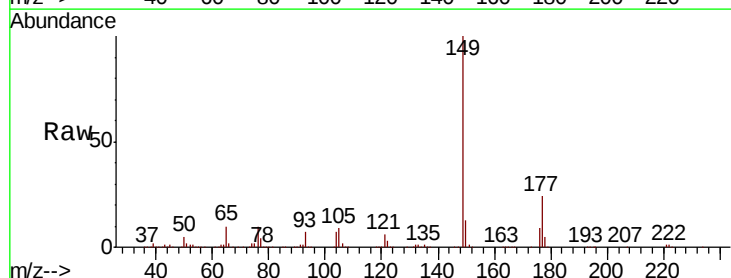
Manual Integrations
APPROVED

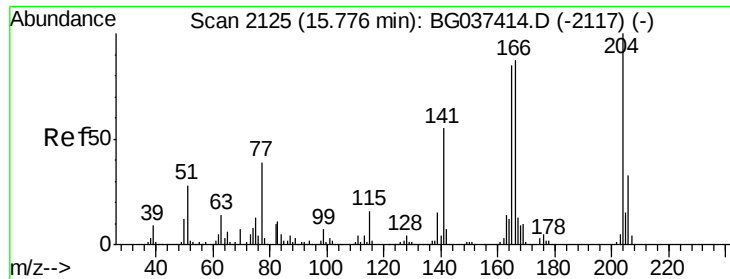
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#60
Diethylphthalate
Concen: 44.428 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.7	10.0	15.0





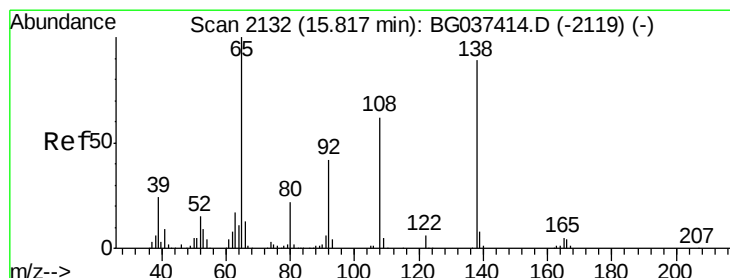
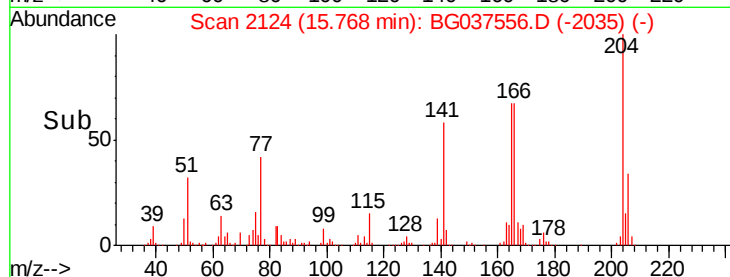
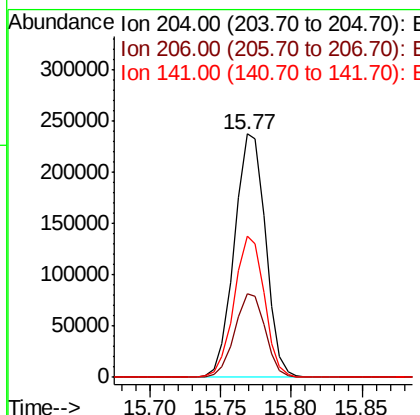
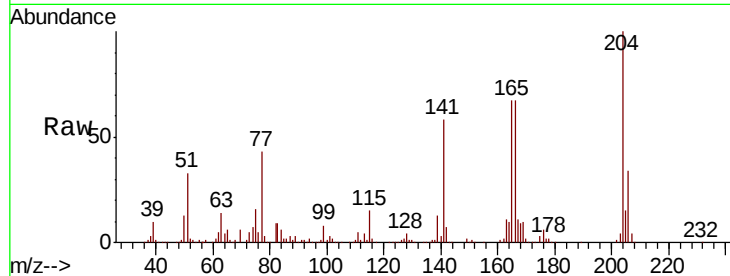
#61
4-Chlorophenyl-phenylether
Concen: 41.756 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	58.3	45.4	68.2

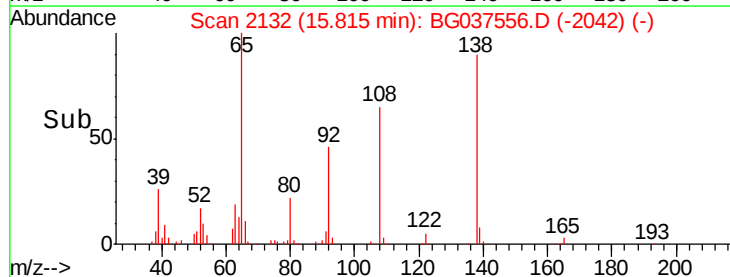
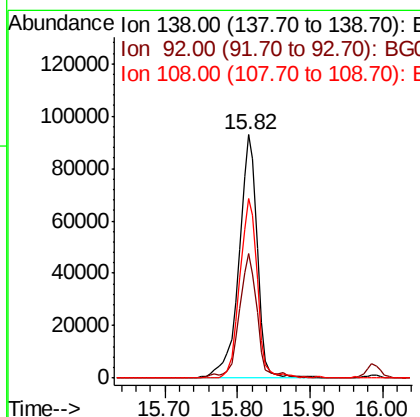
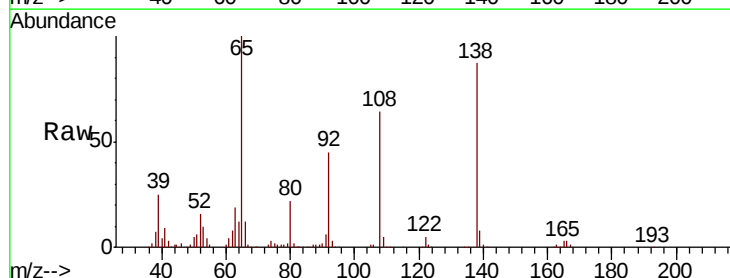
Manual Integrations
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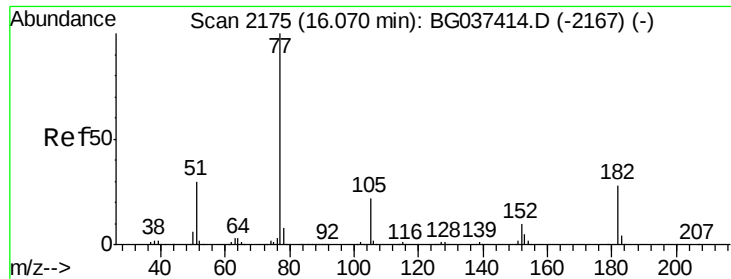
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#62
4-Nitroaniline
Concen: 41.176 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	36.4	76.4
108	73.7	60.1	100.1





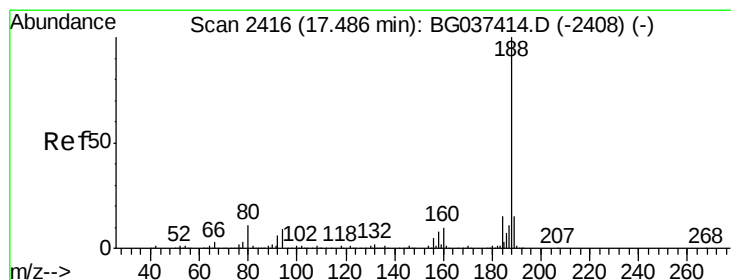
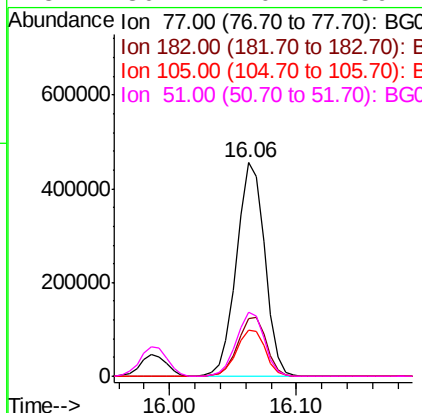
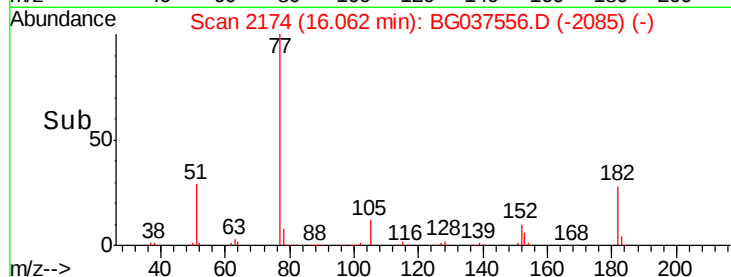
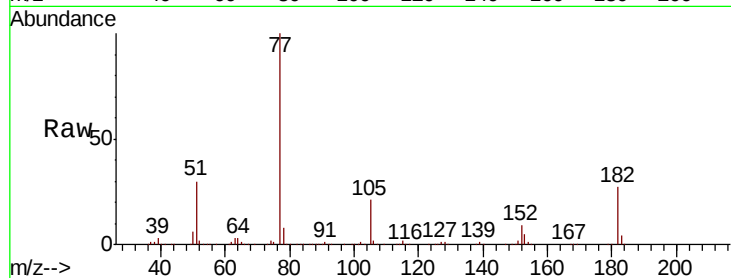
#63
Azobenzene
Concen: 44.406 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.0	48.0
105	21.3	1.3	41.3
51	30.1	10.7	50.7

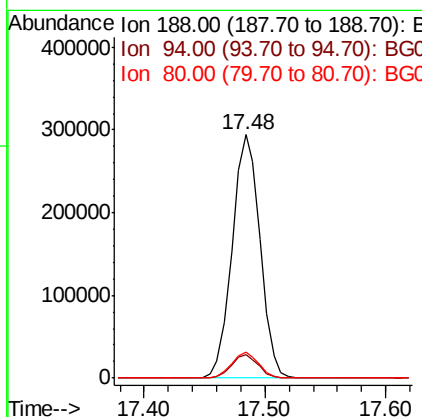
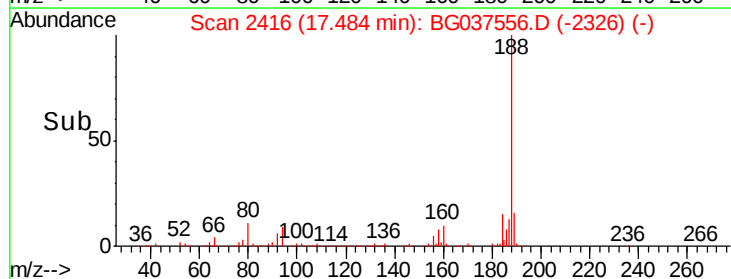
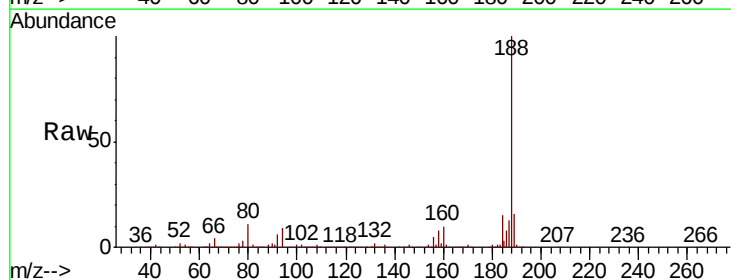
Manual Integrations
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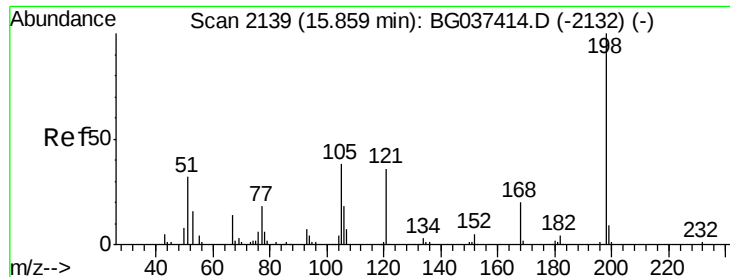
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.6	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 49.041 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

Tot Ion:198 Resp: 122005

Ion Ratio Lower Upper

198 100

51 46.9 22.7 62.7

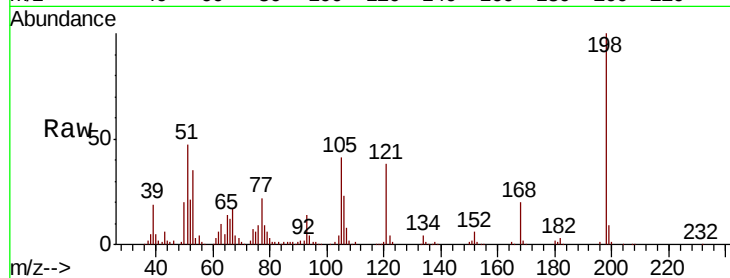
105 41.2 19.7 59.7

Manual Integrations

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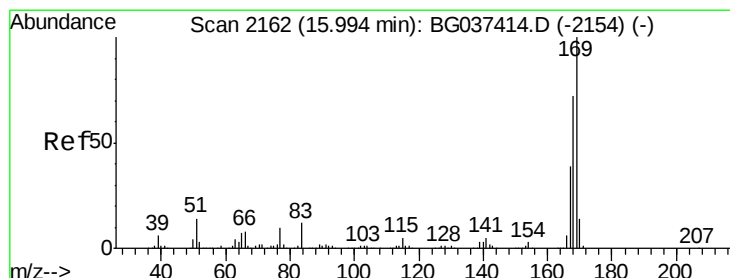
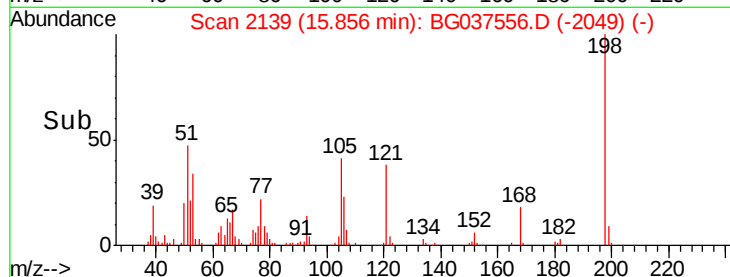
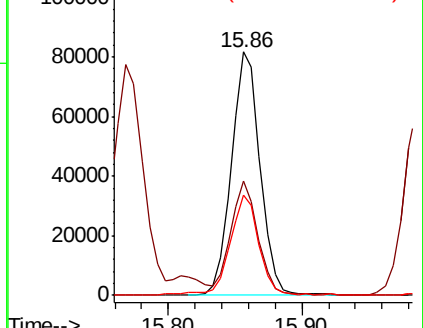
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.931 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

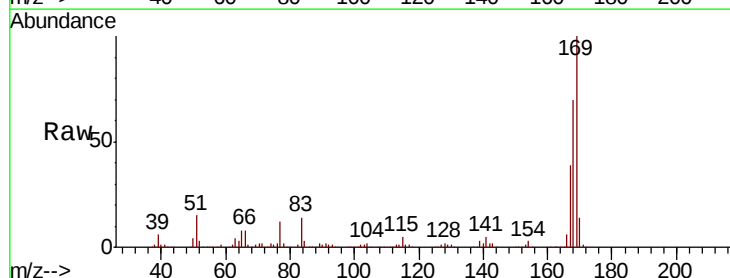
Tgt Ion:169 Resp: 623642

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

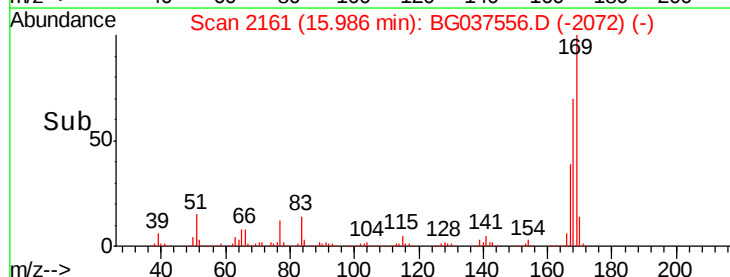
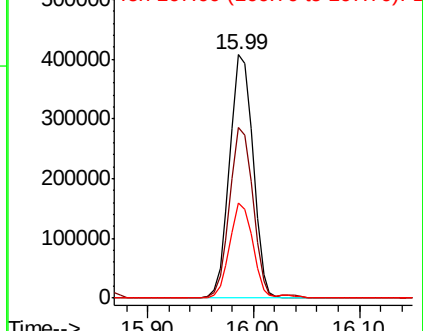
167 39.1 31.3 46.9

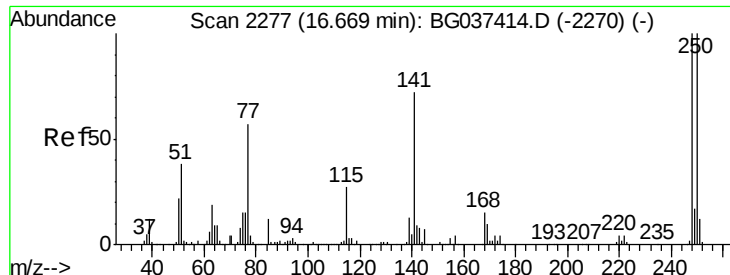


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





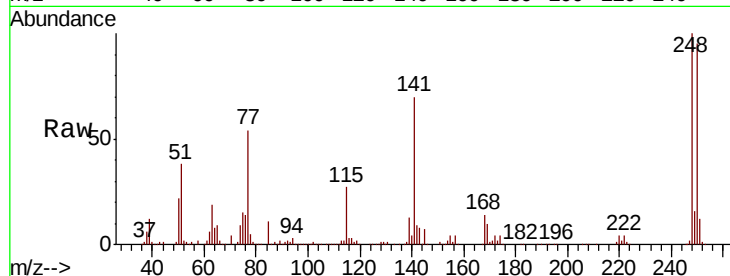
#67
 4-Bromophenyl-phenylether
 Concen: 44.168 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.6
141	70.3	55.5	83.3

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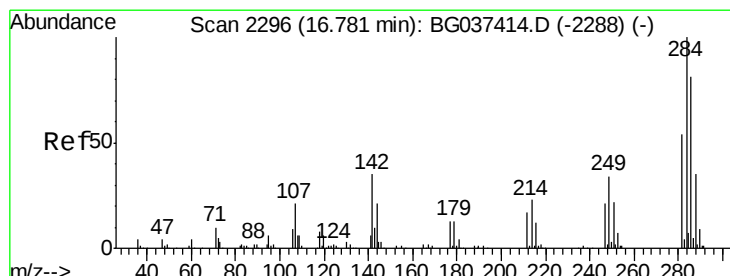
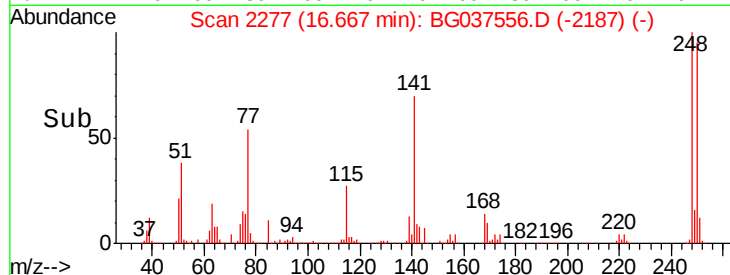
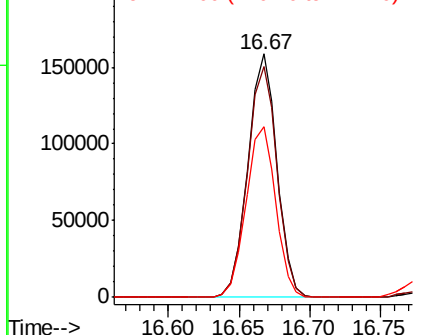


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.397 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

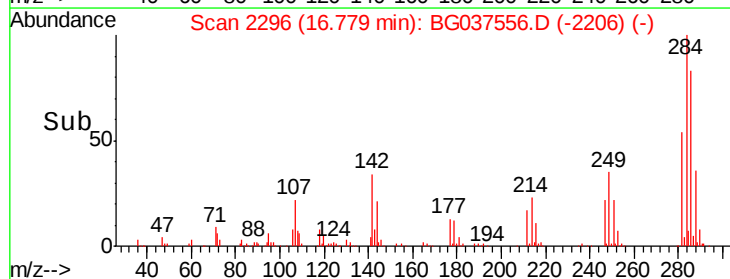
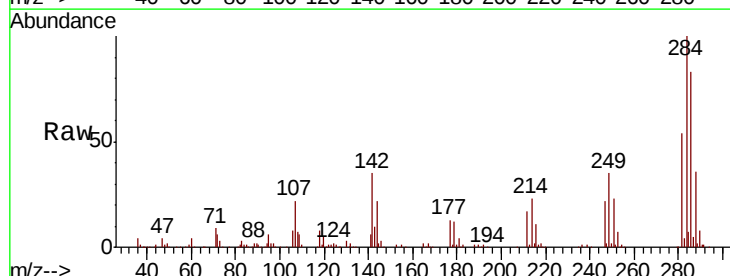
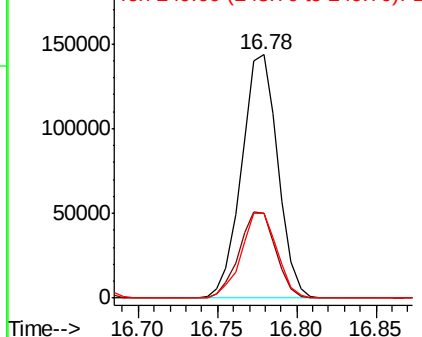
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.1	42.1
249	37.2	29.8	44.8

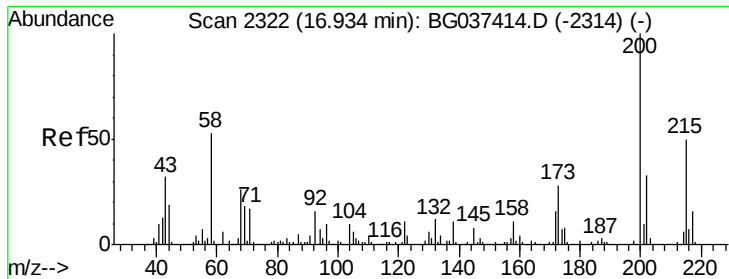
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





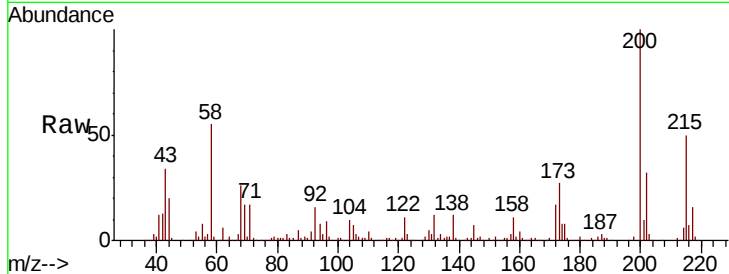
#69
 Atrazine
 Concen: 45.055 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.1	46.1
215	50.2	30.8	70.8

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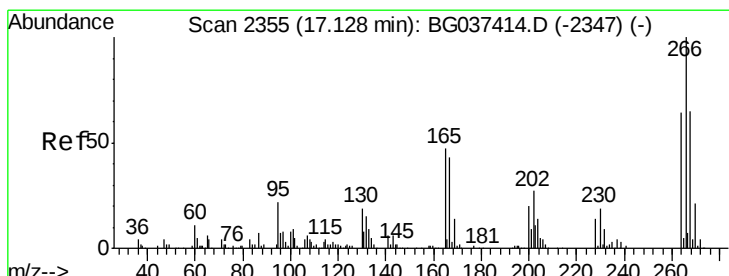
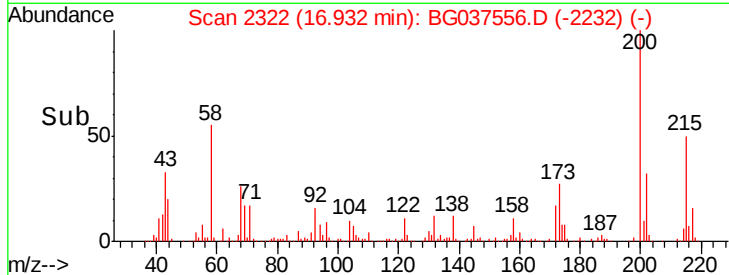
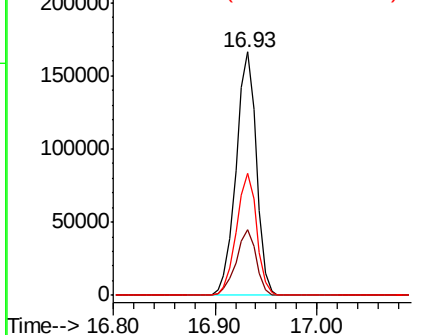


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.337 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

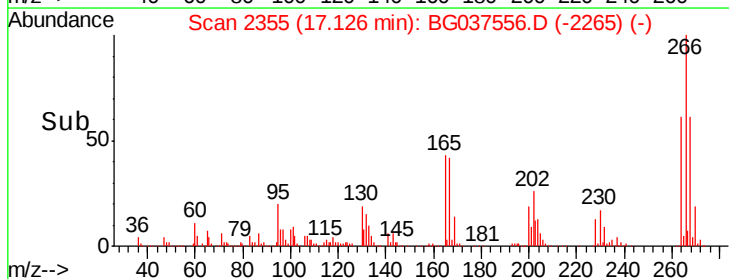
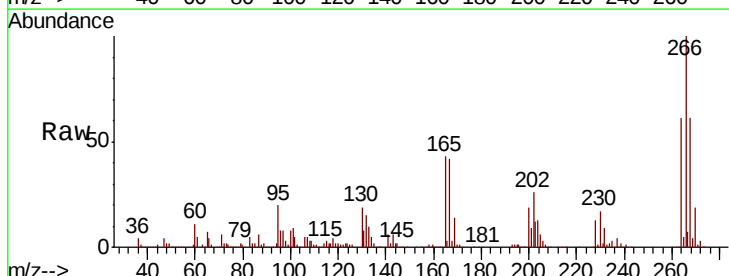
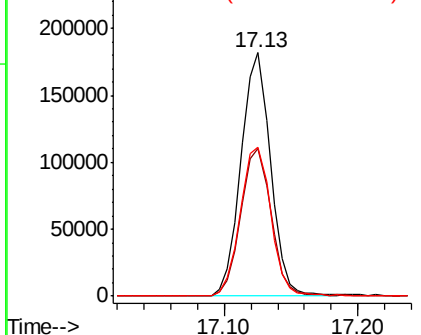
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	55.0	82.6
264	66.1	58.9	88.3

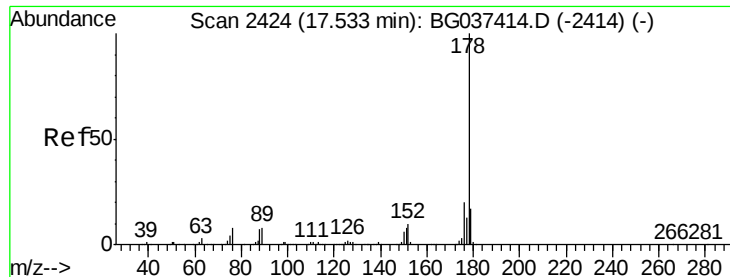
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





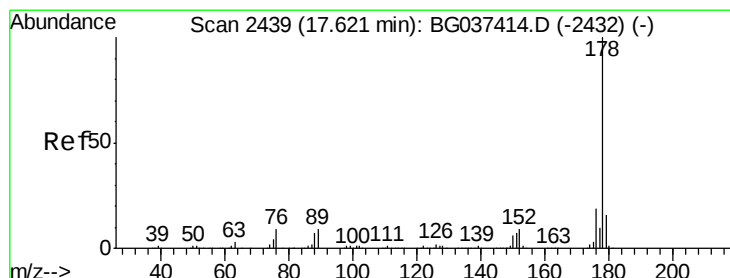
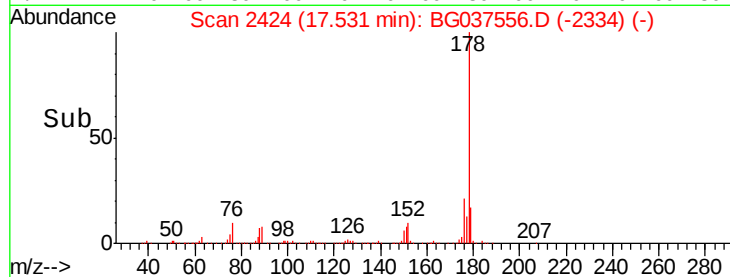
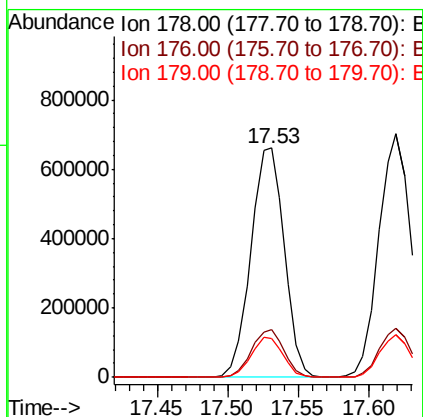
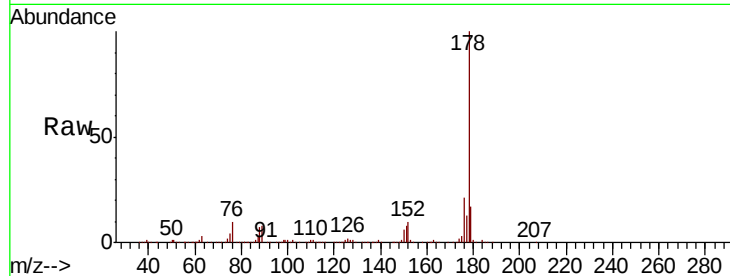
#71
Phenanthrene
Concen: 45.855 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	17.1	13.0	19.4

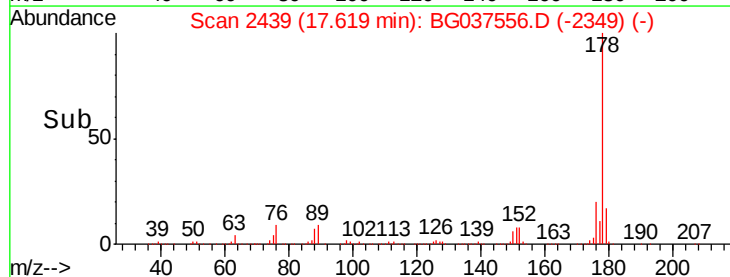
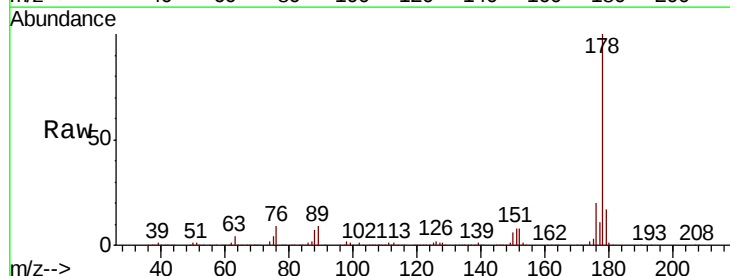
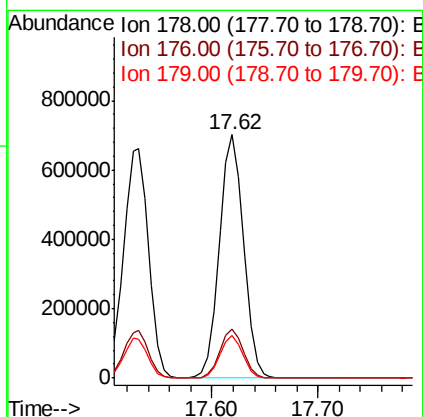
Manual Integrations
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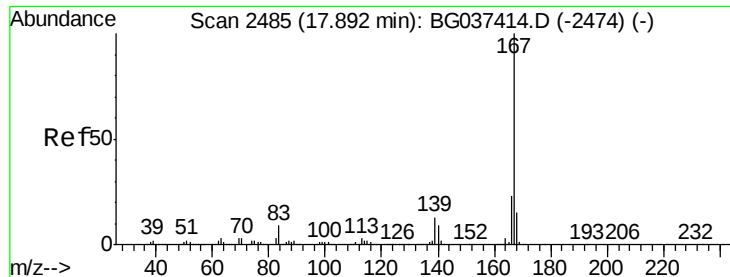
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#72
Anthracene
Concen: 47.446 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	17.4	12.8	19.2





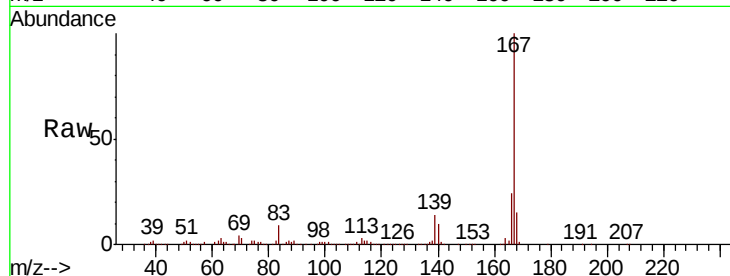
#73
 Carbazole
 Concen: 43.188 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.7	10.5	15.7

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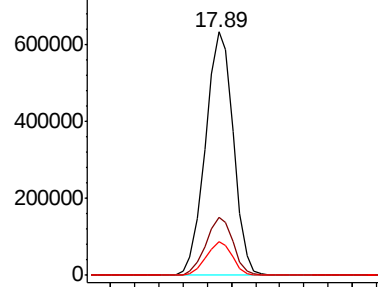


Abundance

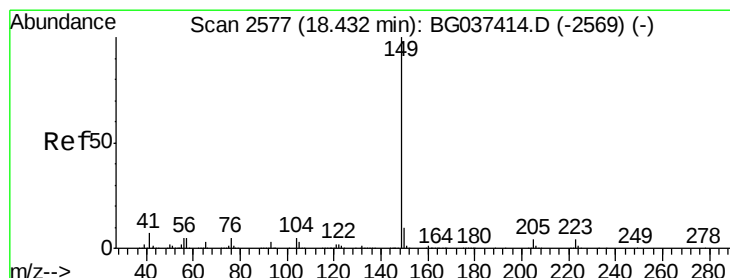
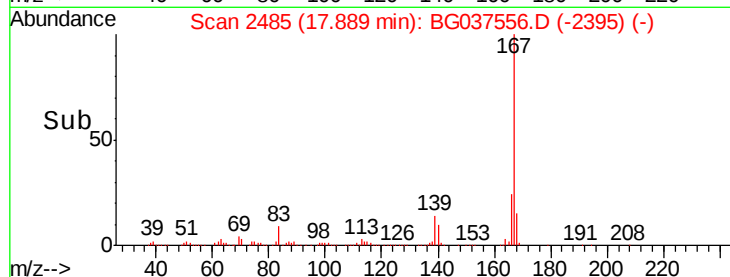
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

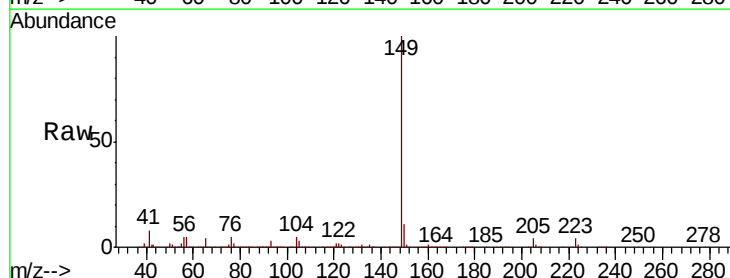


Time-->



#74
 Di-n-butylphthalate
 Concen: 45.979 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	5.4	4.0	6.0

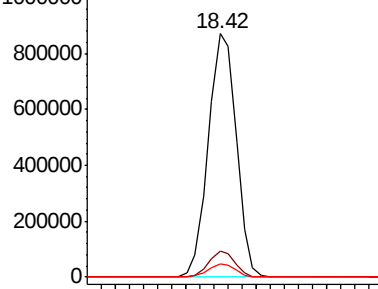


Abundance

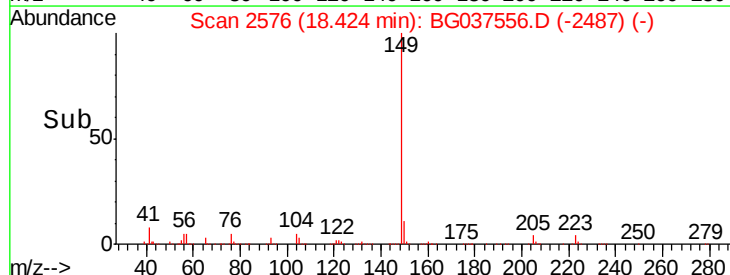
Ion 149.00 (148.70 to 149.70): E

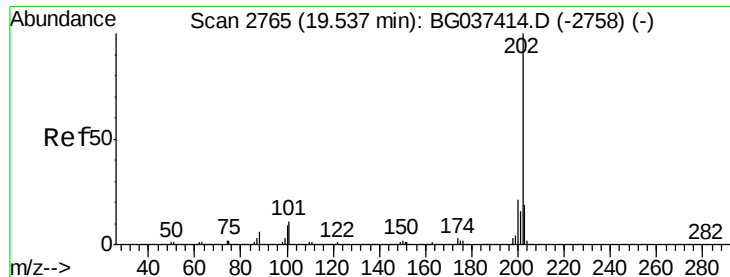
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 45.578 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

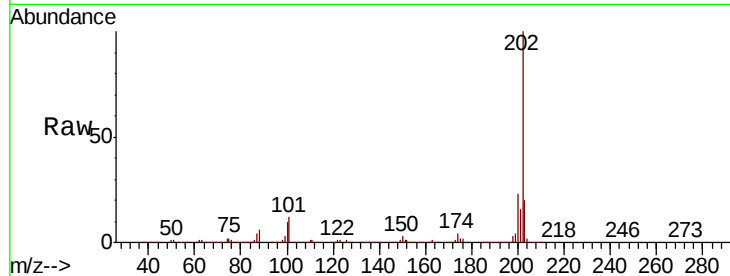
ClientSampleId :

RAV-GT104MS

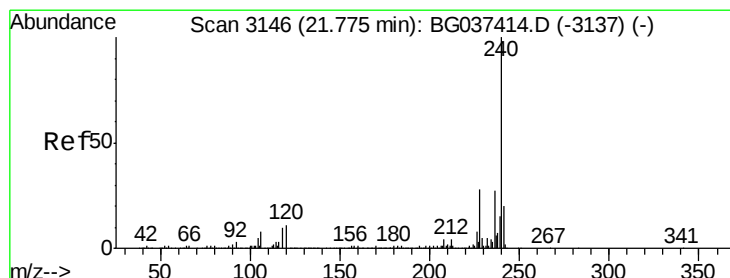
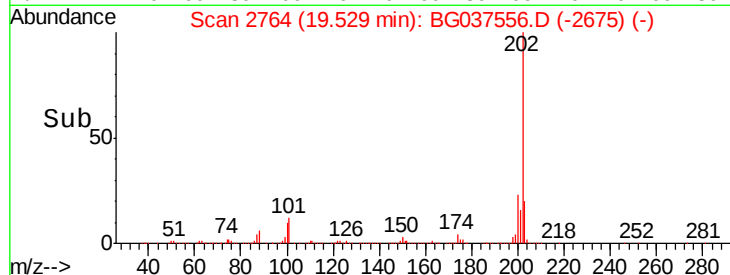
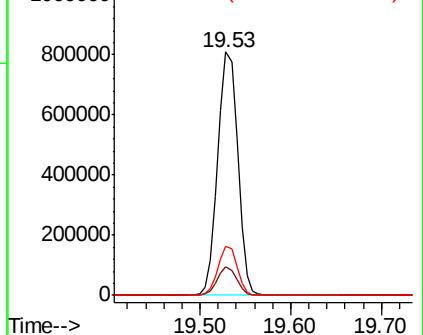
Tot Ion:	202	Resp:	1239910
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
203	20.1	0.0	38.5

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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

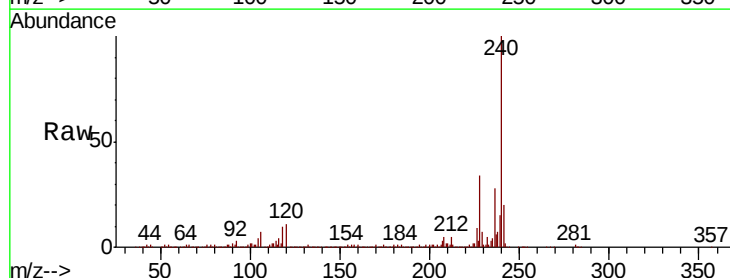
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

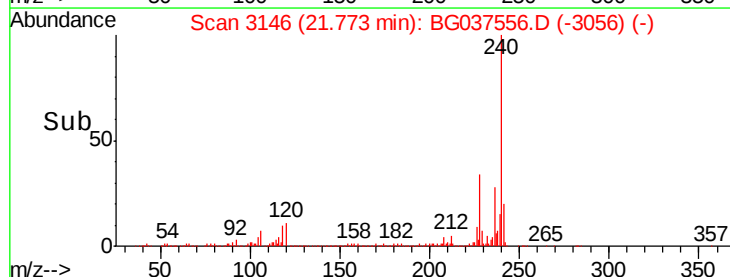
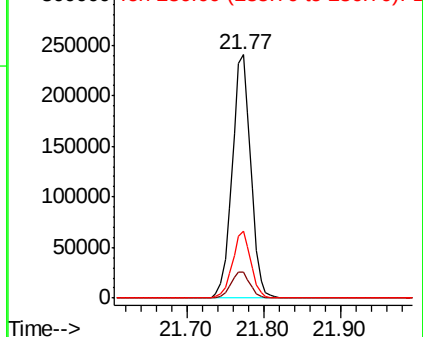
Lab File: BG037556.D

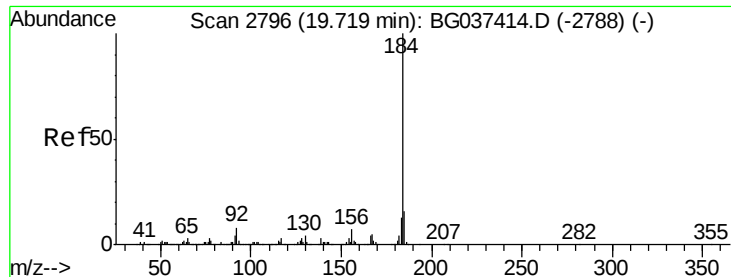
Acq: 25 Oct 2018 22:14

Tgt Ion:	240	Resp:	407382
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.7	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: 21.504 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

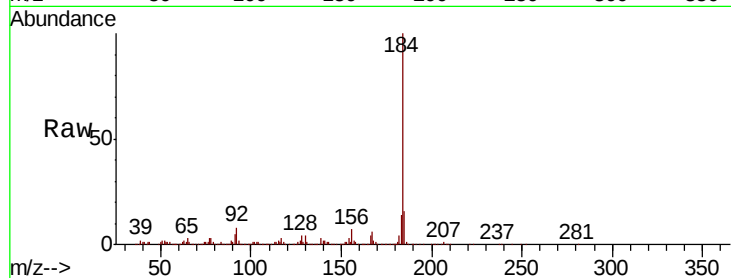
ClientSampleId :

RAV-GT104MS

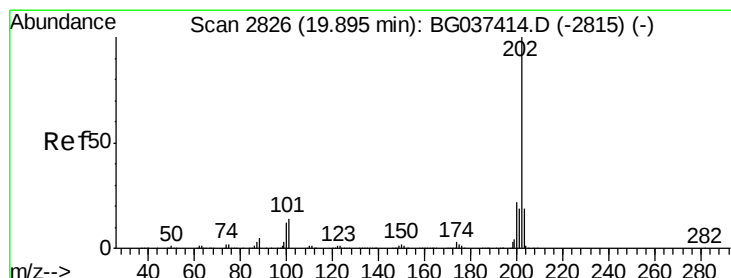
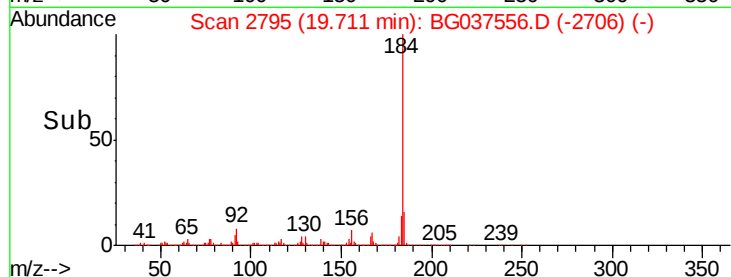
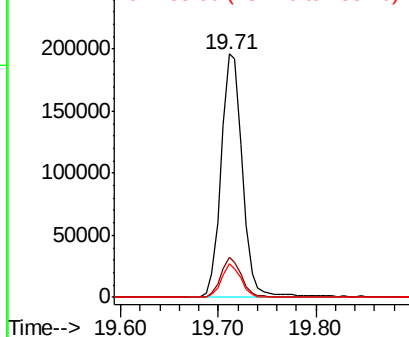
Tot Ion:	184	Resp:	297871
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.6	18.8
183	13.6	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.587 ng

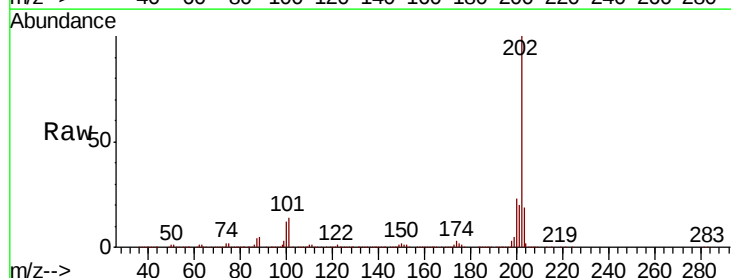
RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

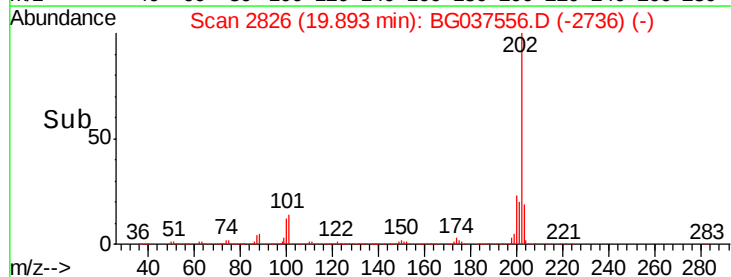
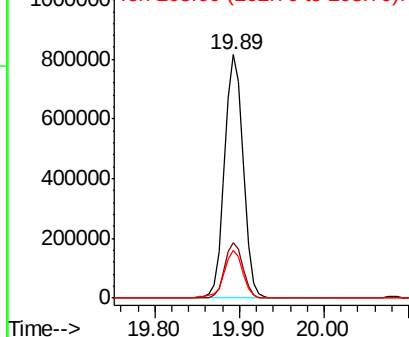
Lab File: BG037556.D

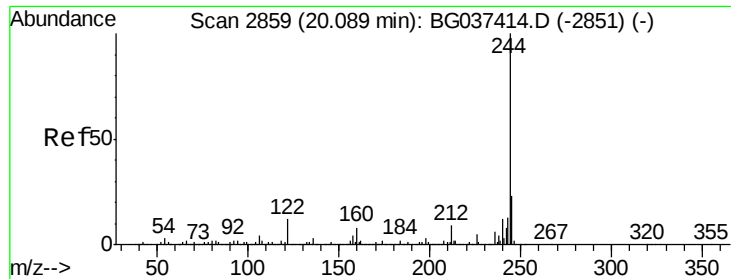
Acq: 25 Oct 2018 22:14

Tgt Ion:	202	Resp:	1240676
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.6
203	19.4	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





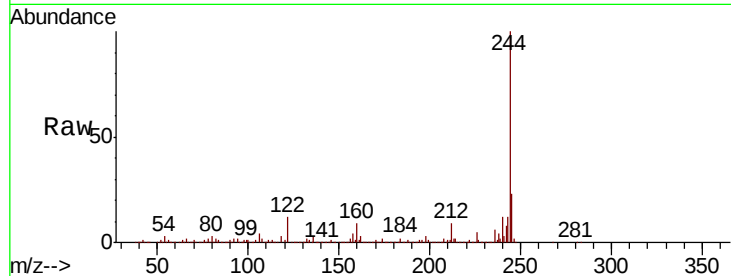
#79
 Terphenyl-d14
 Concen: 74.175 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

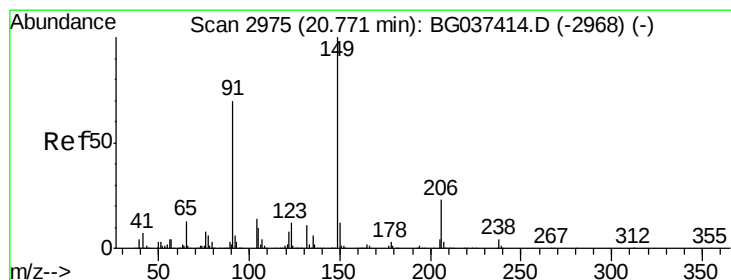
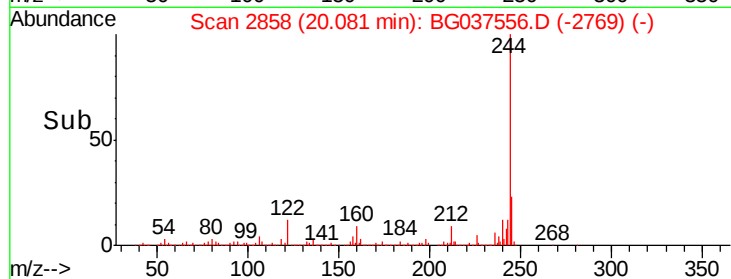
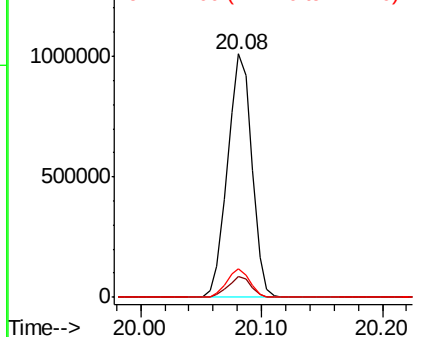
Tot Ion:244 Resp: 1414178
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 11.7 9.0 13.4

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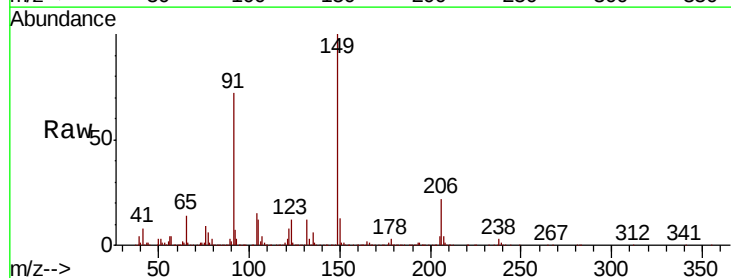


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

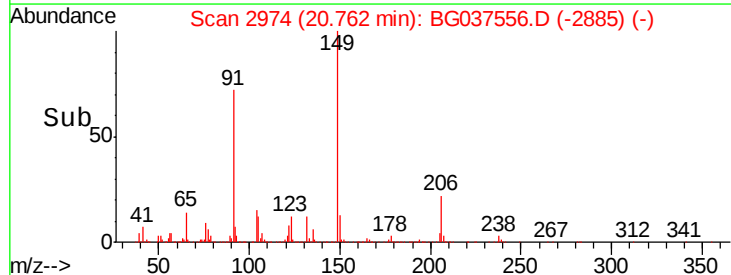
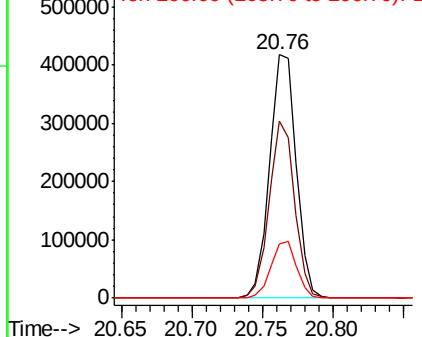


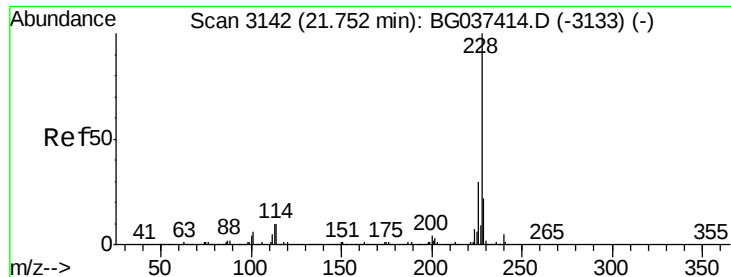
#80
 Butylbenzylphthalate
 Concen: 50.684 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion:149 Resp: 552408
 Ion Ratio Lower Upper
 149 100
 91 72.5 57.0 85.4
 206 22.2 17.8 26.6



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





#81

Benzo(a)anthracene

Concen: 48.731 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MS

Tot Ion:228 Resp: 1174230

Ion Ratio Lower Upper

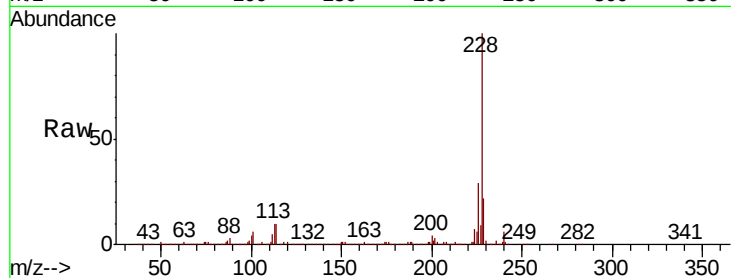
228 100

226 29.3 22.6 33.8

229 21.7 16.3 24.5

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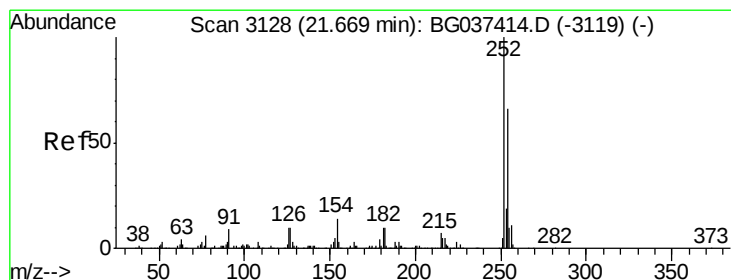
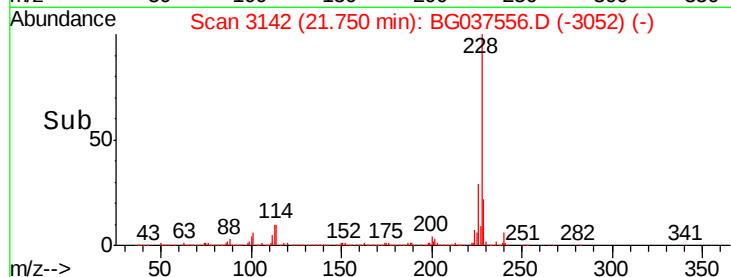
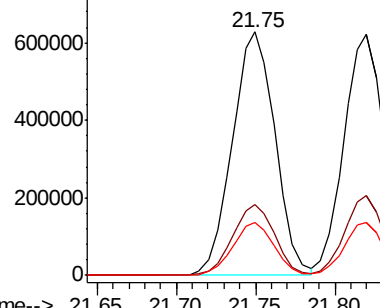


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.938 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

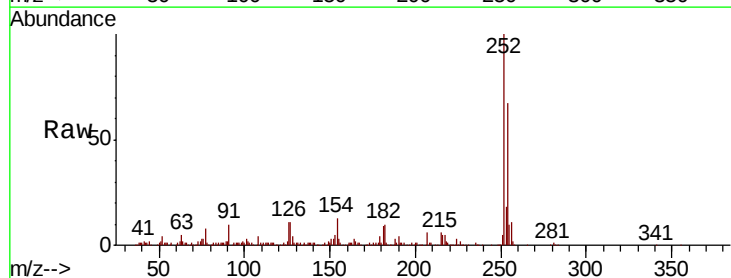
Tgt Ion:252 Resp: 223581

Ion Ratio Lower Upper

252 100

254 67.3 52.0 78.0

126 11.3 8.2 12.4

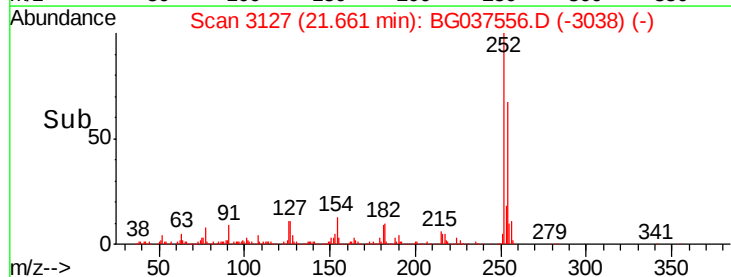
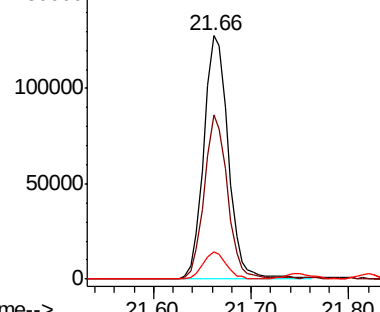


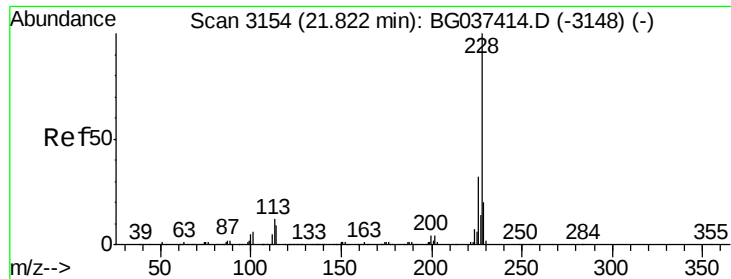
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





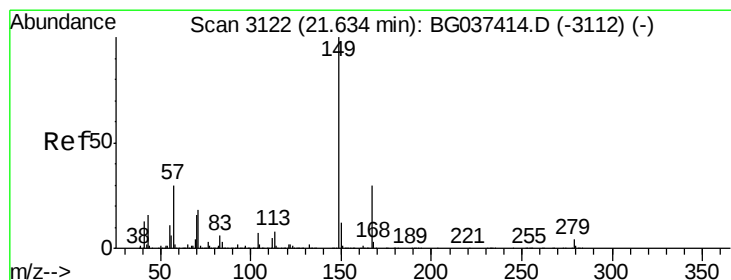
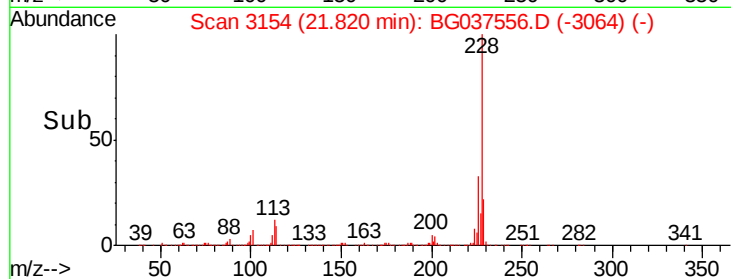
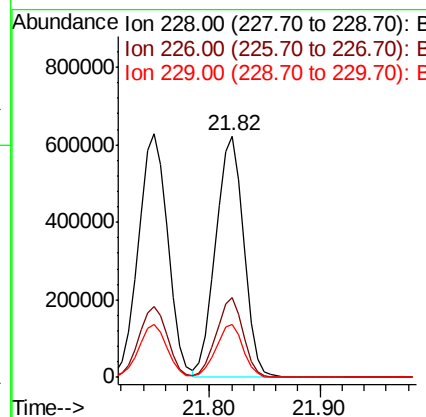
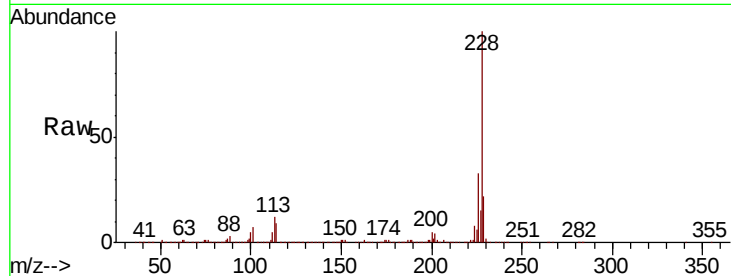
#83
 Chrvsene
 Concen: 46.910 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.7	38.5
229	21.8	16.5	24.7

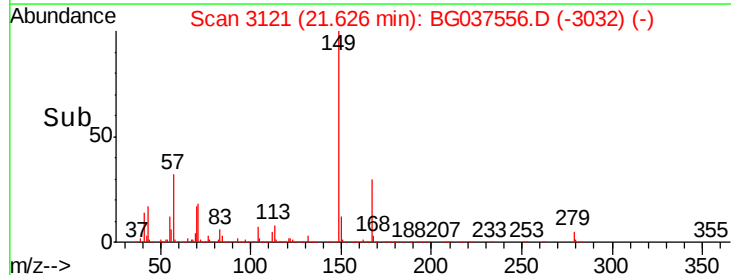
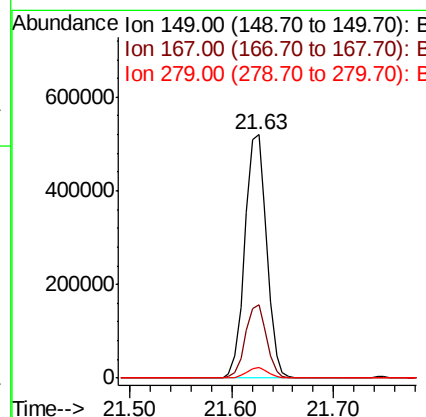
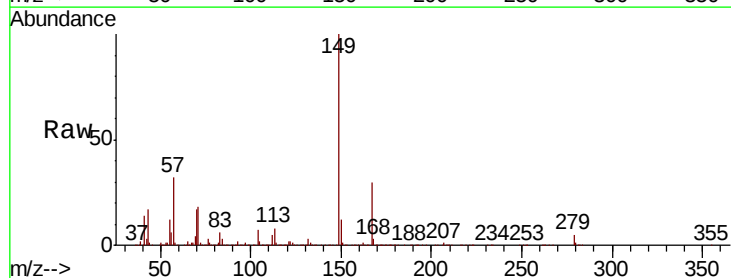
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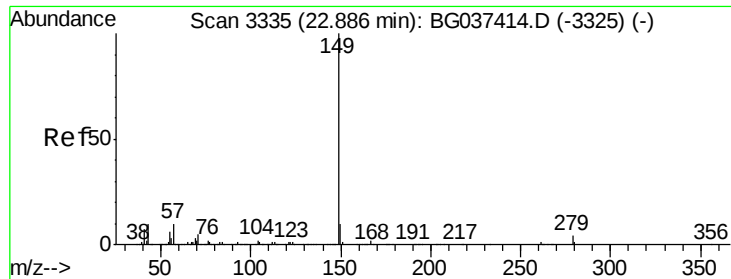
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.585 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037556.D
 Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.0	34.4
279	4.6	3.6	5.4





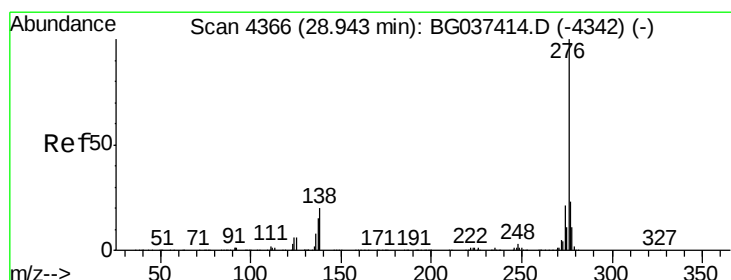
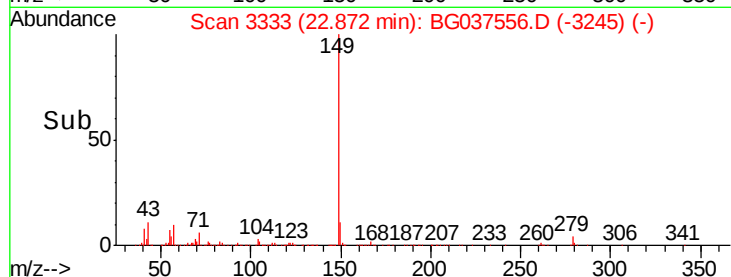
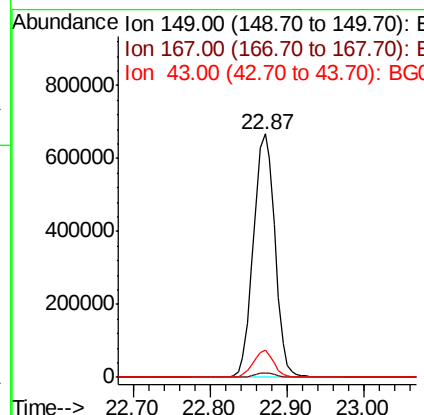
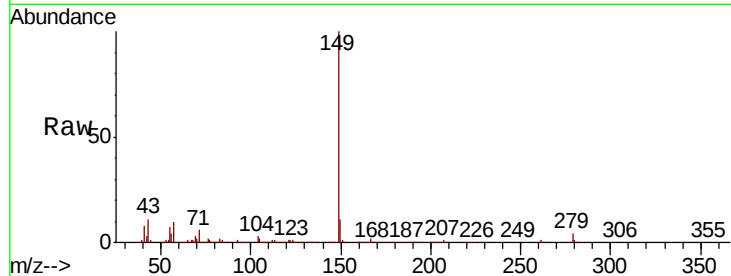
#85
Di-n-octyl phthalate
Concen: 52.574 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

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

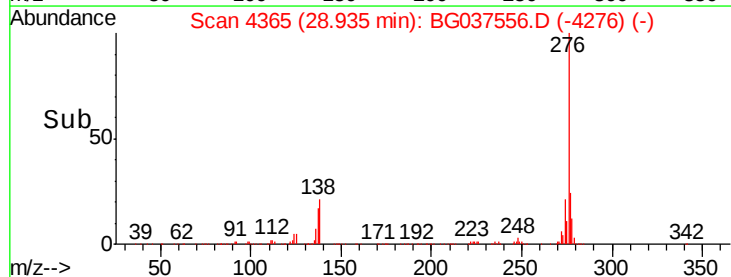
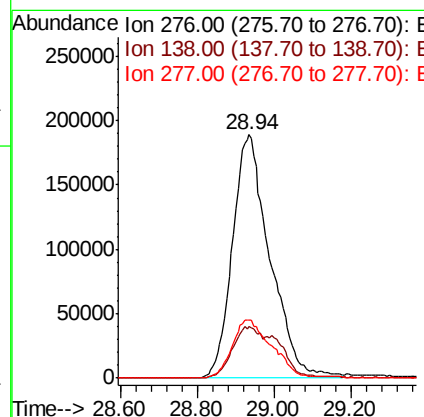
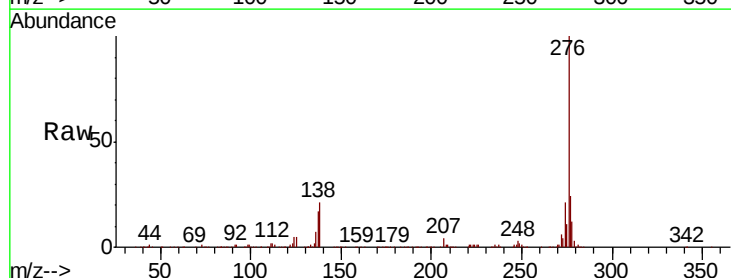
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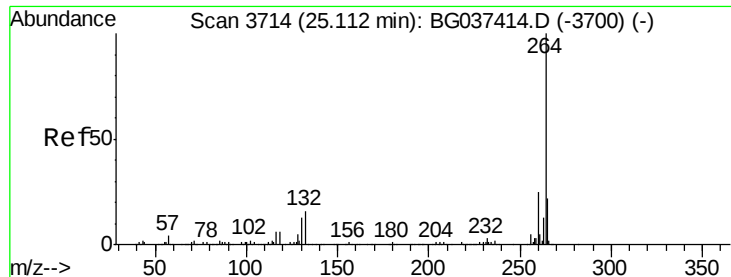
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.476 ng
RT: 28.94 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.0	18.0
277	25.1	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

Instrument :

BNA_G

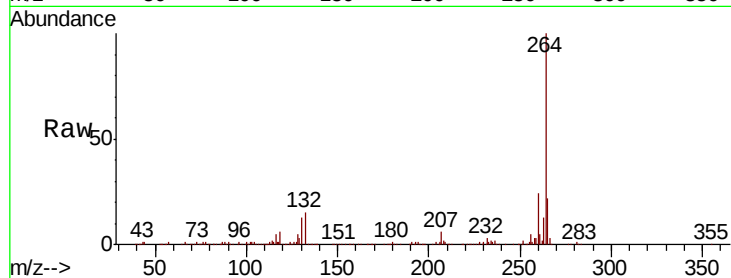
ClientSampleId :

RAV-GT104MS

Tot Ion:	264	Resp:	429614
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	22.1	17.9	26.9

Manual Integrations
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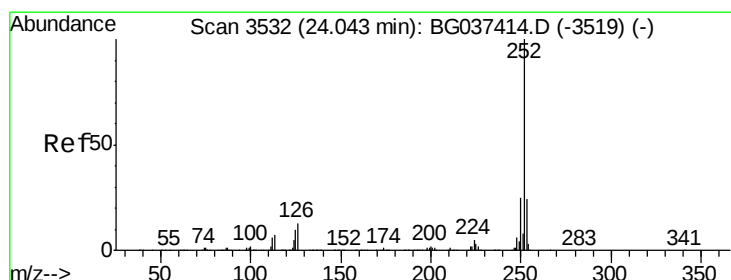
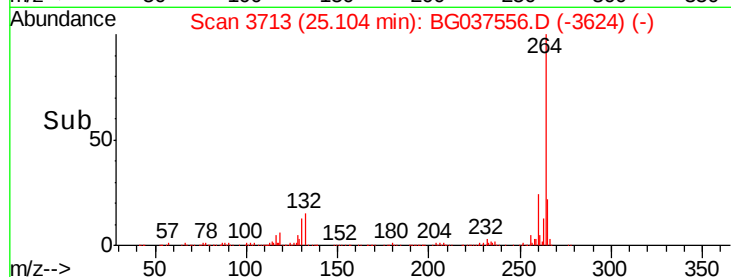
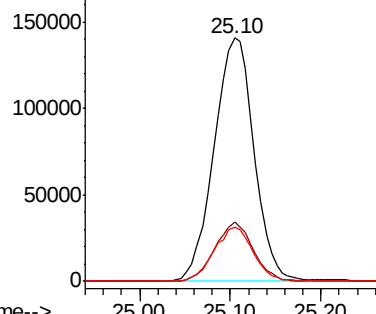


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.983 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037556.D

Acq: 25 Oct 2018 22:14

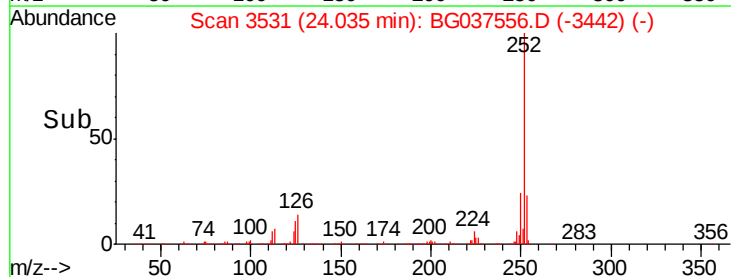
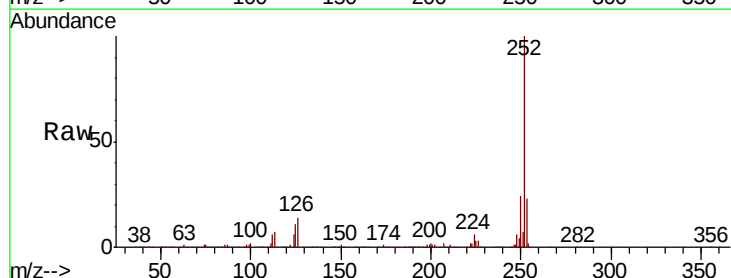
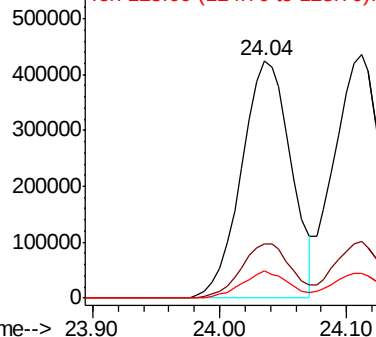
Tgt Ion:	252	Resp:	1153702
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	11.4	7.8	11.6

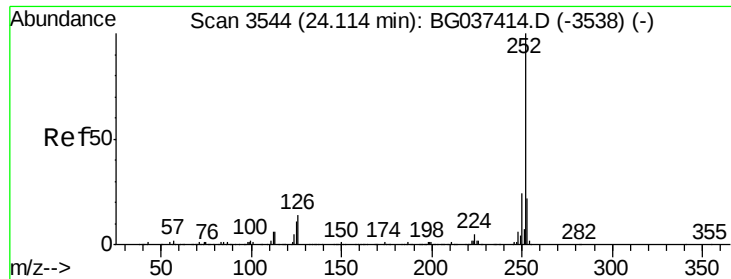
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





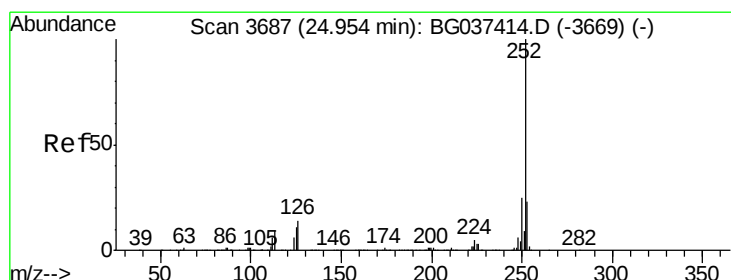
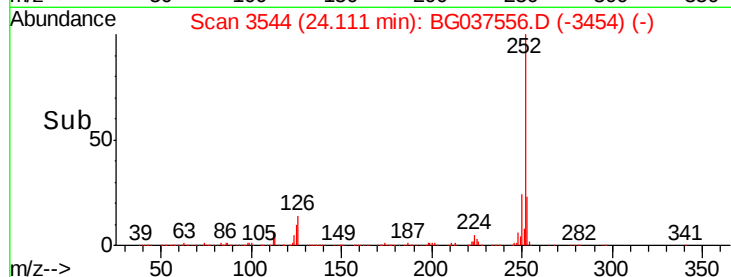
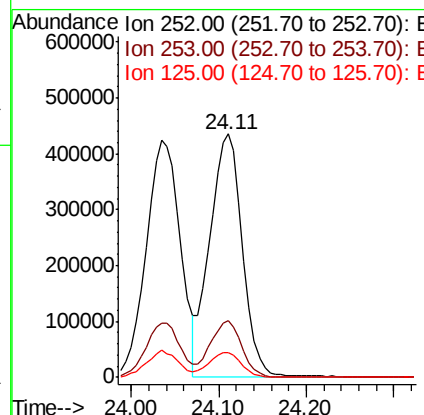
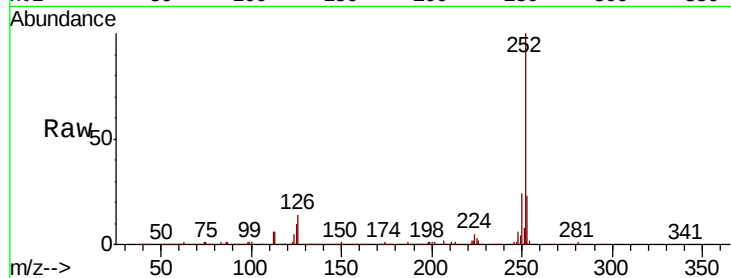
#89
Benzo(k)fluoranthene
Concen: 48.748 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	10.2	7.4	11.0

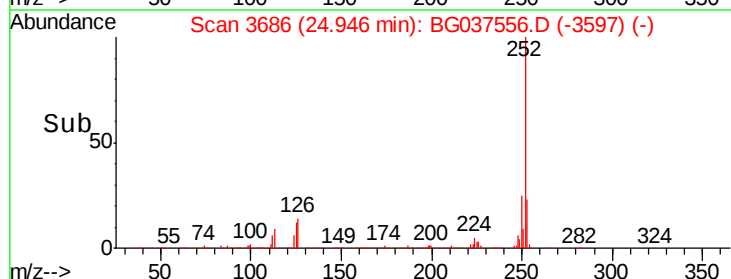
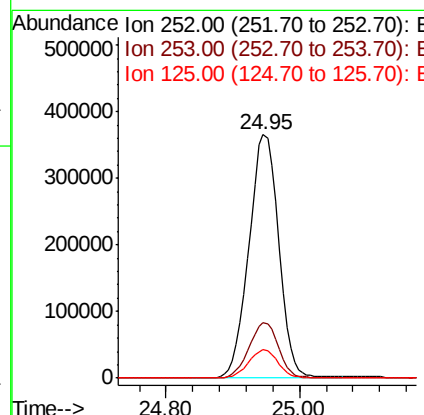
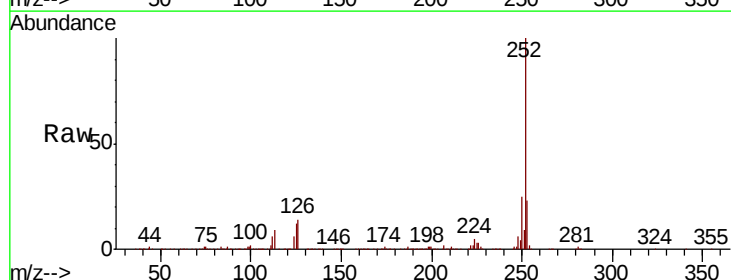
Manual Integrations
APPROVED

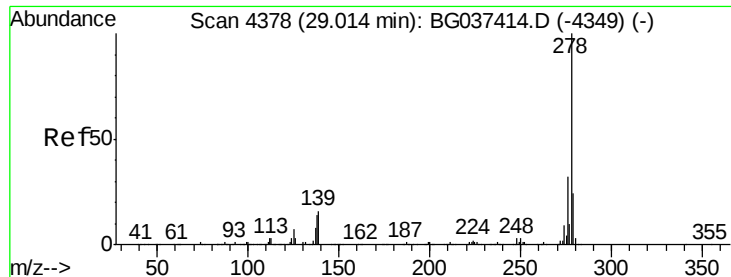
Sohil
10/26/2018 3:46:45 PM



#90
Benzo(a)pyrene
Concen: 50.031 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.7	9.0	13.6





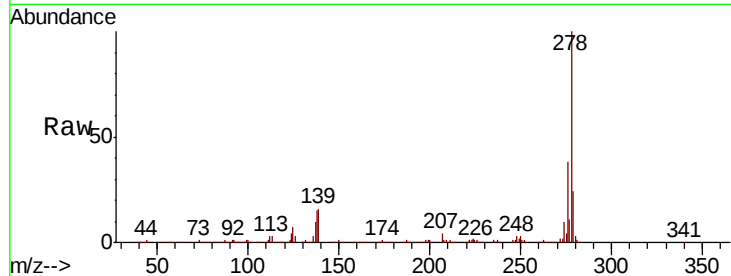
#91
Dibenzo(a,h)anthracene
Concen: 49.863 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.5	17.3
279	24.0	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

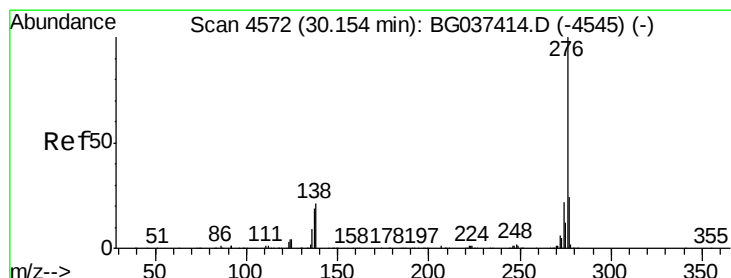
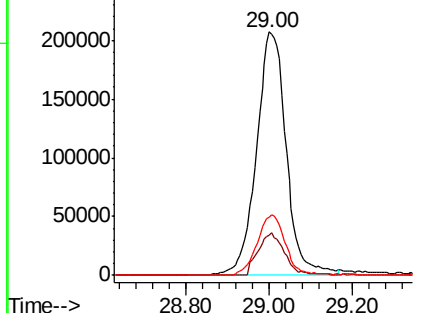
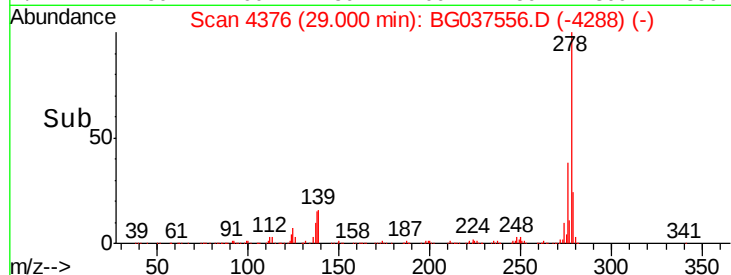


Abundance

Ion 278.00 (277.70 to 278.70): E

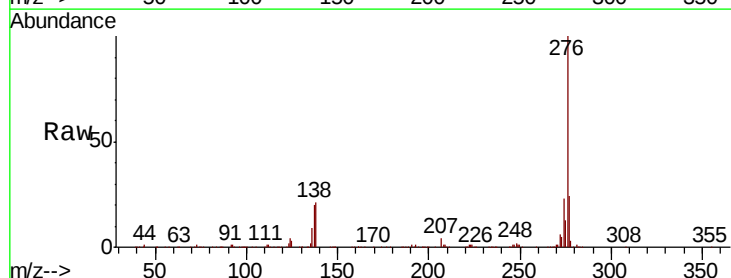
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.153 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037556.D
Acq: 25 Oct 2018 22:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.4	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

