

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037557.D
 Acq On : 25 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5603-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 08:32:48 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	68637	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	321481	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	210891	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	474768	20.00	ng	0.00
76) Chrysene-d12	21.77	240	405881	20.00	ng	0.00
87) Perylene-d12	25.10	264	422595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	254002	61.87	ng	0.00
7) Phenol-d6	7.25	99	245454	39.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	442890	77.17	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265795	115.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1002183	71.66	ng	0.00
79) Terphenyl-d14	20.08	244	1410085	74.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	27555	13.235	ng	99
3) Pyridine	3.93	79	65279	12.440	ng	93
4) n-Nitrosodimethylamine	3.85	42	39817	21.303	ng	# 96
6) Aniline	7.42	93	149424	19.730	ng	98
8) 2-Chlorophenol	7.67	128	187047	38.946	ng	100
9) Benzaldehyde	7.24	77	120559	31.045	ng	97
10) Phenol	7.27	94	115465	17.628	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	208068	41.825	ng	96
12) 1,3-Dichlorobenzene	7.99	146	191293	35.777	ng	98
13) 1,4-Dichlorobenzene	8.14	146	195520	35.749	ng	99
14) 1,2-Dichlorobenzene	8.46	146	188247	35.781	ng	98
15) Benzyl Alcohol	8.34	79	135317	29.500	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	384760	43.225	ng	98
17) 2-Methylphenol	8.53	107	148819	34.367	ng	99
18) Hexachloroethane	9.19	117	68145	36.547	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	183802	42.996	ng	96
20) 3+4-Methylphenols	8.86	107	186526	30.127	ng	96
22) Acetophenone	8.93	105	336439	41.728	ng	# 98
24) Nitrobenzene	9.33	77	258627	43.381	ng	94
25) Isophorone	9.84	82	525334	50.100	ng	96
26) 2-Nitrophenol	10.03	139	125931	46.889	ng	98
27) 2,4-Dimethylphenol	10.07	122	217404	45.337	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	311979	45.412	ng	97
29) 2,4-Dichlorophenol	10.56	162	233708	43.773	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	219571	37.817	ng	99
31) Naphthalene	10.98	128	677707	42.919	ng	100
32) Benzoic acid	10.17	122	50647	16.261	ng	96
33) 4-Chloroaniline	11.08	127	117058	15.778	ng	97
34) Hexachlorobutadiene	11.24	225	122507	35.600	ng	95
35) Caprolactam	11.88	113	14961m	6.987	ng	
36) 4-Chloro-3-methylphenol	12.19	107	247339	41.077	ng	98
37) 2-Methylnaphthalene	12.57	142	532309	46.246	ng	99
38) 1-Methylnaphthalene	12.79	142	510758	45.692	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	273152	40.155	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	285814	87.961	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	209062	46.003	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	222271	44.922	nq	98
46) 1,1'-Biphenyl	13.57	154	698918	40.017	nq	99
47) 2-Chloronaphthalene	13.62	162	553586	41.896	nq	99
48) 2-Nitroaniline	13.83	65	192463	48.032	nq	96
49) Acenaphthylene	14.46	152	917538	46.162	nq	99
50) Dimethylphthalate	14.19	163	757057	46.403	nq	100
51) 2,6-Dinitrotoluene	14.32	165	170053	47.117	nq	98
52) Acenaphthene	14.80	154	542964	44.355	nq	99
53) 3-Nitroaniline	14.65	138	92610	23.114	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	174565	96.209	nq	93
55) Dibenzofuran	15.14	168	860589	42.432	nq	97
56) 4-Nitrophenol	14.94	139	149809	50.513	nq	97
57) 2,4-Dinitrotoluene	15.10	165	232859	49.151	nq	96
58) Fluorene	15.79	166	699510	46.057	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	197945	46.724	nq	99
60) Diethylphthalate	15.54	149	740956	44.237	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	371446	41.959	nq	97
62) 4-Nitroaniline	15.81	138	167113	41.974	nq	93
63) Azobenzene	16.07	77	708128	44.310	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	124703	49.690	nq	98
66) n-Nitrosodiphenylamine	15.99	169	634007	44.395	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	231534	44.409	nq	96
68) Hexachlorobenzene	16.78	284	233006	43.121	nq	97
69) Atrazine	16.93	200	231450	44.825	nq	98
70) Pentachlorophenol	17.12	266	276783	76.470	nq	97
71) Phenanthrene	17.53	178	1104835	45.788	nq	98
72) Anthracene	17.62	178	1115715	47.117	nq	96
73) Carbazole	17.89	167	1015999	42.894	nq	99
74) Di-n-butylphthalate	18.42	149	1197484	45.447	nq	99
75) Fluoranthene	19.53	202	1251358	45.725	nq	98
77) Benzidine	19.72	184	296873	21.511	nq	100
78) Pyrene	19.89	202	1241659	46.797	nq	98
80) Butylbenzylphthalate	20.76	149	549662	50.618	nq	99
81) Benzo(a)anthracene	21.75	228	1161643	48.387	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	253527	27.245	nq	99
83) Chrysene	21.82	228	1078687	46.727	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	770215	50.602	nq	97
85) Di-n-octyl phthalate	22.87	149	1288995	51.933	nq	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1259894	50.884	nq	99
88) Benzo(b)fluoranthene	24.03	252	1142726	49.323	nq	98
89) Benzo(k)fluoranthene	24.11	252	1122798	49.465	nq	97
90) Benzo(a)pyrene	24.95	252	1110120	50.425	nq	99
91) Dibenzo(a,h)anthracene	29.00	278	1027693	50.607	nq	96
92) Benzo(g,h,i)perylene	30.14	276	1049382	51.077	nq	99

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



#1

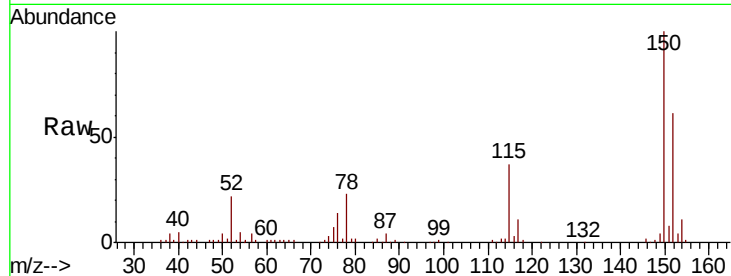
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.0	189.0
115	59.8	45.5	68.3

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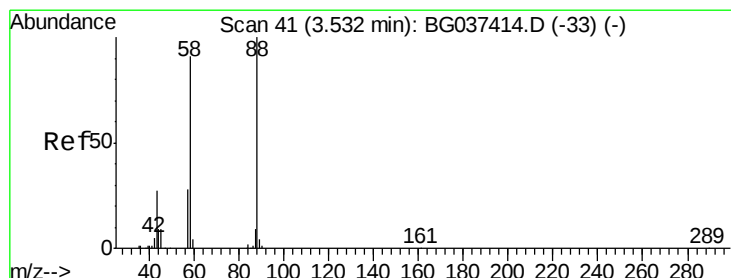
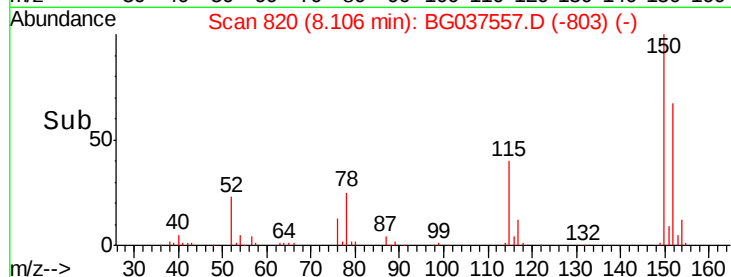
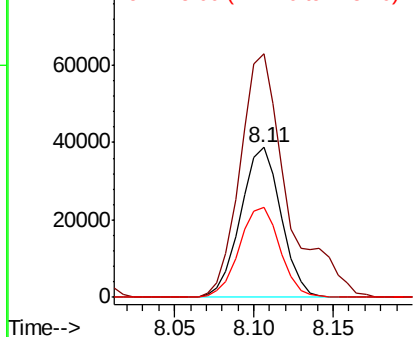


Abundance

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: 13.235 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

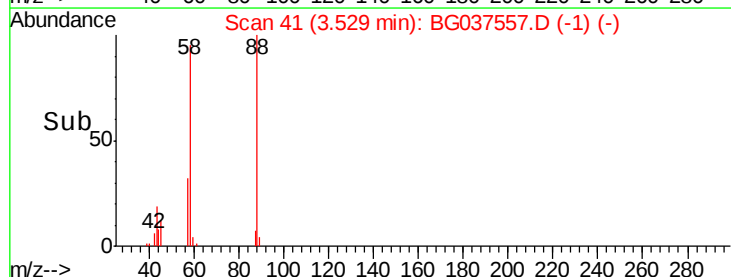
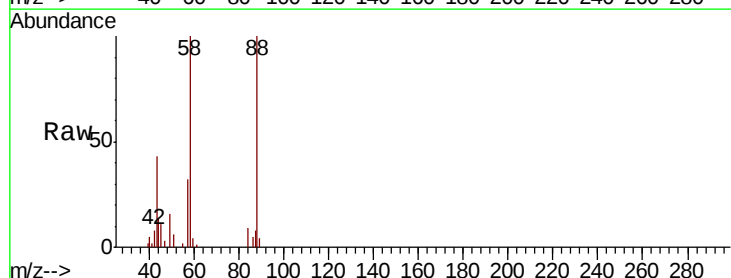
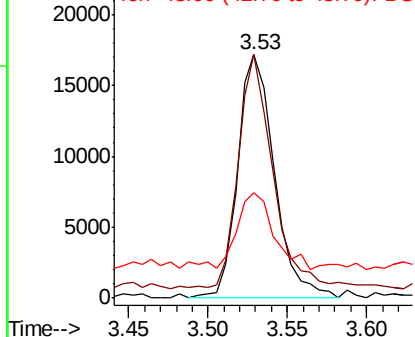
Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.1	74.4	111.6
43	30.4	25.8	38.8

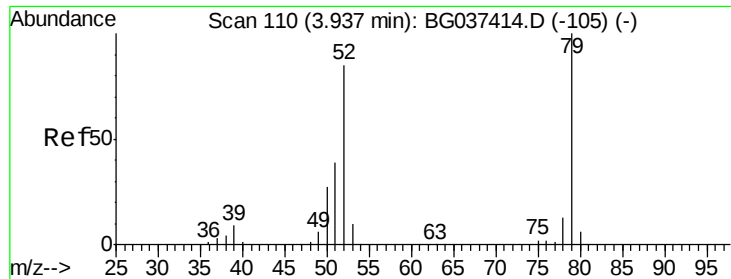
Abundance

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: 12.440 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

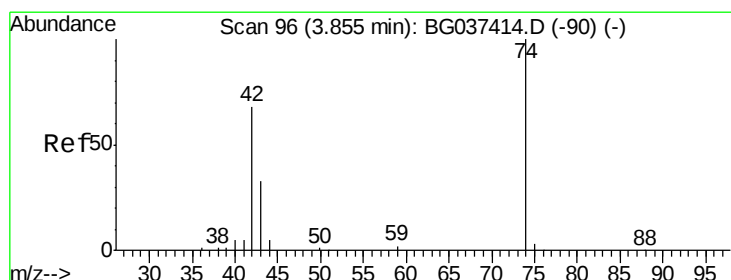
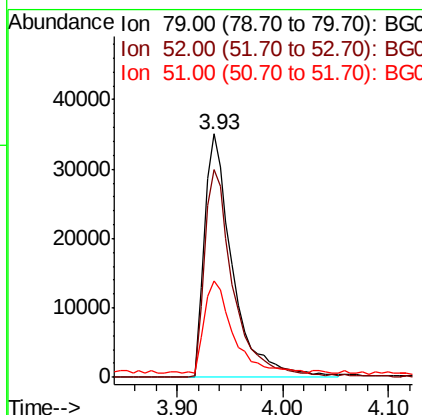
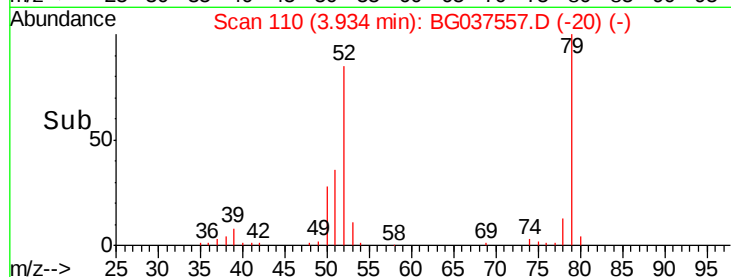
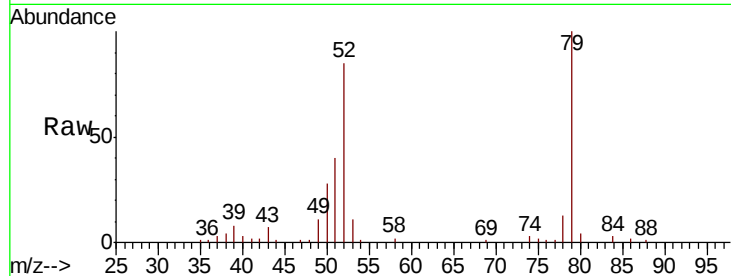
ClientSampleId :

RAV-GT104MSD

Tot Ion:	79	Resp:	65279
Ion	Ratio	Lower	Upper
79	100		
52	85.2	74.2	111.2
51	39.8	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 21.303 ng

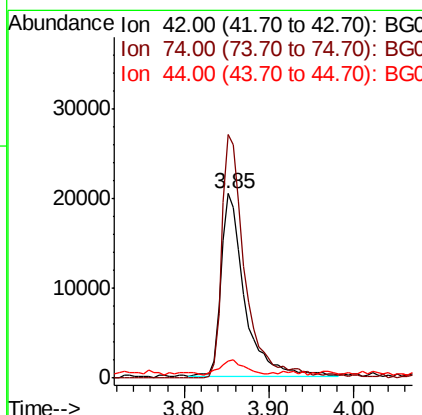
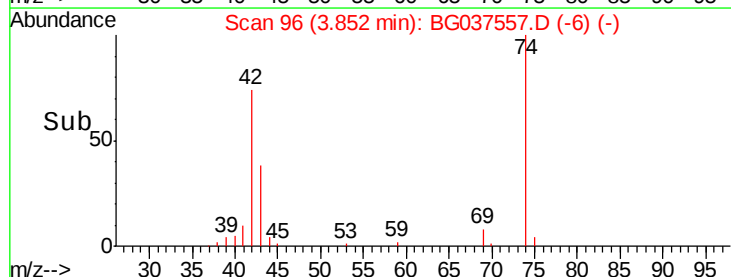
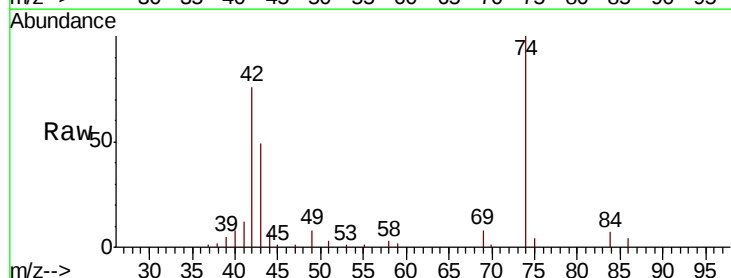
RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	42	Resp:	39817
Ion	Ratio	Lower	Upper
42	100		
74	132.0	102.0	153.0
44	9.2	9.6	14.4





#5

2-Fluorophenol

Concen: 61.870 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

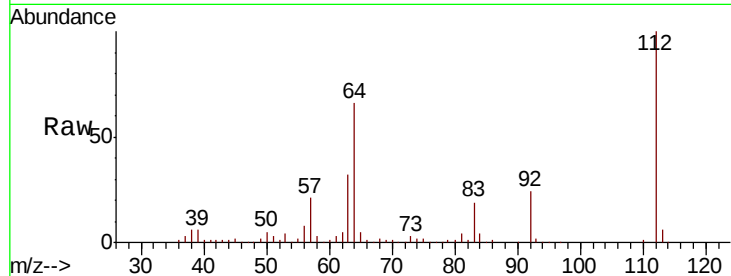
ClientSampleId :

RAV-GT104MSD

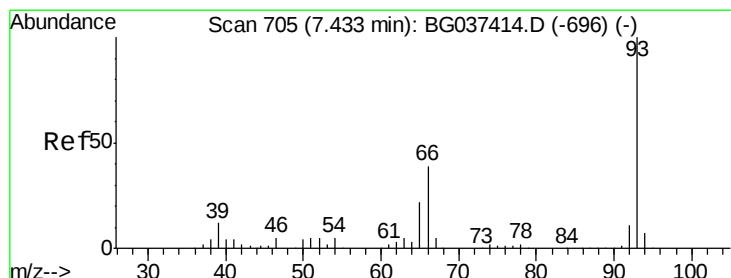
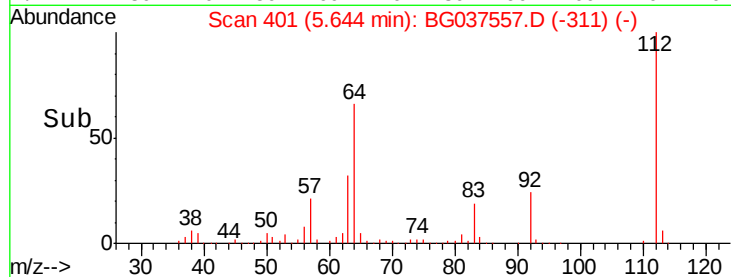
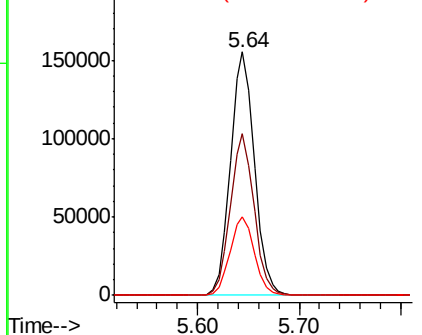
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		254002		
64	66.4	53.1	79.7		
63	32.1	27.3	40.9		

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.730 ng

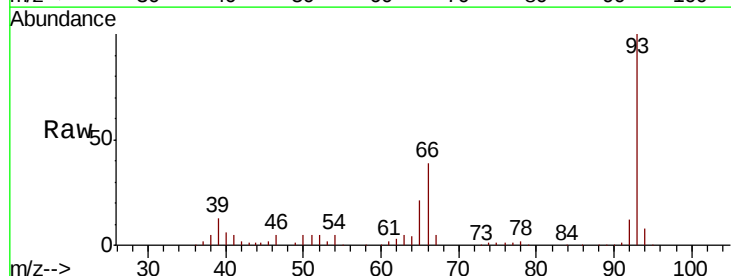
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

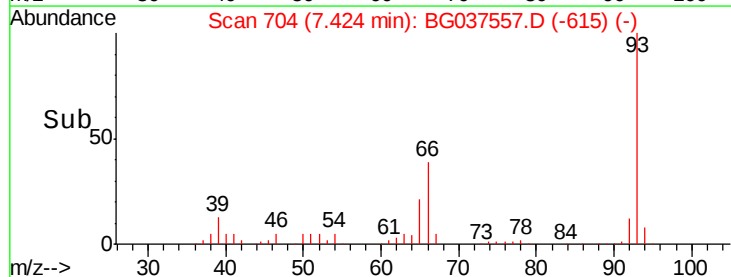
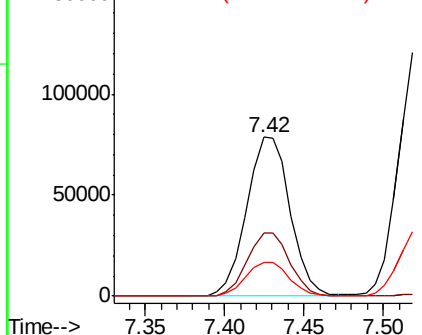
Lab File: BG037557.D

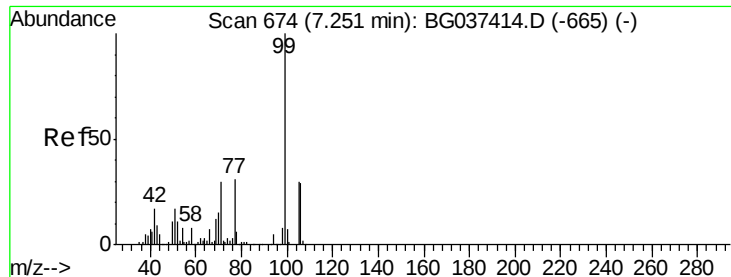
Acq: 25 Oct 2018 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		149424		
66	39.3	32.8	49.2		
65	21.2	16.4	24.6		



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 39.539 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

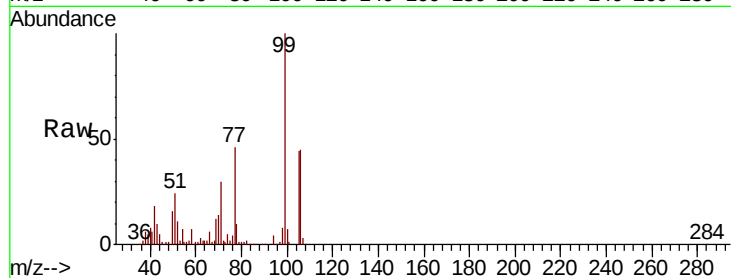
ClientSampleId :

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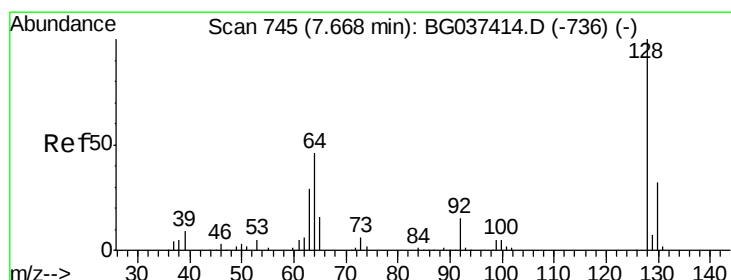
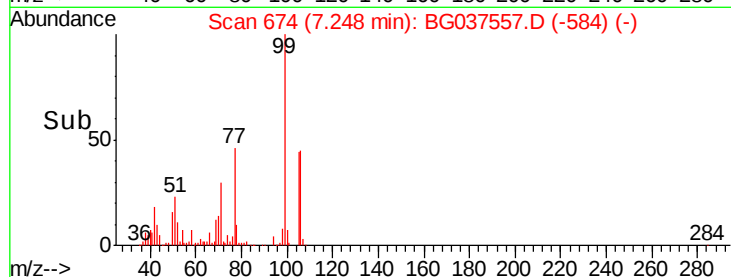
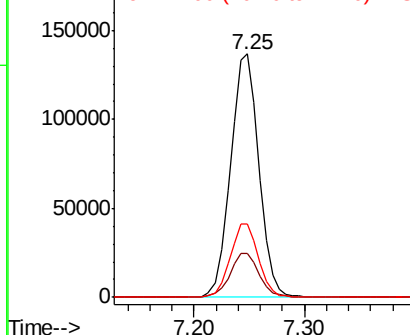
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		245454		
42	17.8	15.0	22.4		
71	30.2	25.5	38.3		

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



#8

2-Chlorophenol

Concen: 38.946 ng

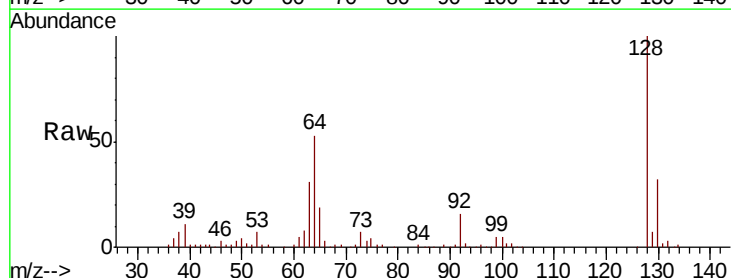
RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

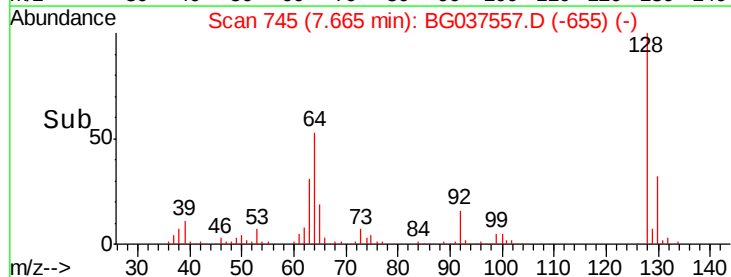
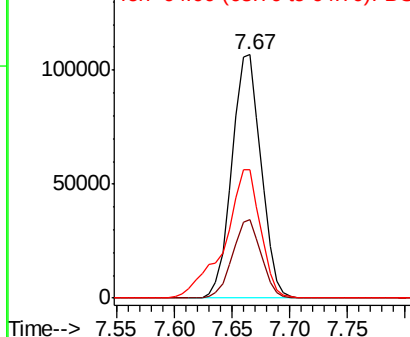
Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		187047		
130	32.1	12.0	52.0		
64	52.6	32.9	72.9		



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





#9

Benzaldehyde

Concen: 31.045 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

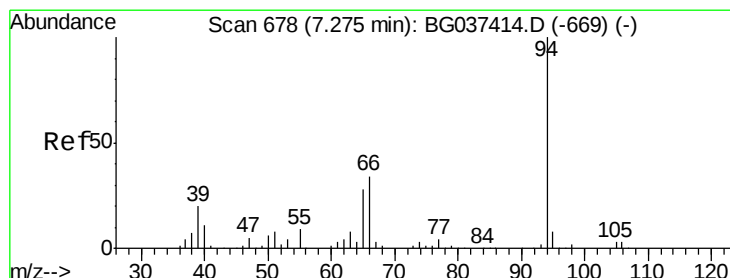
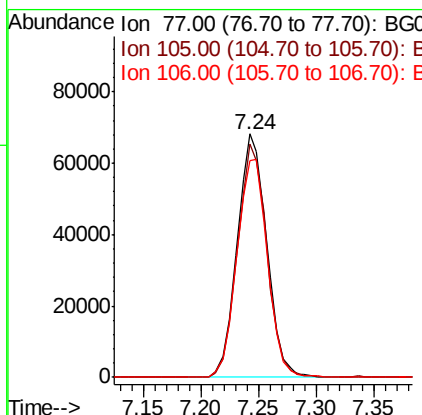
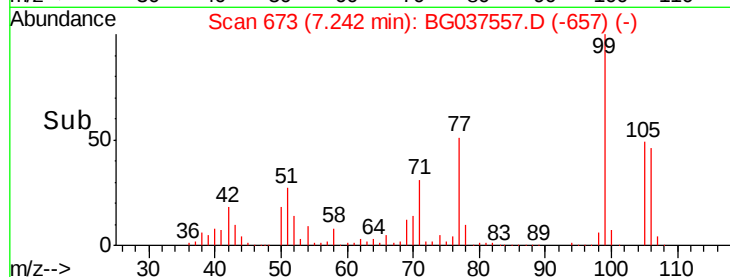
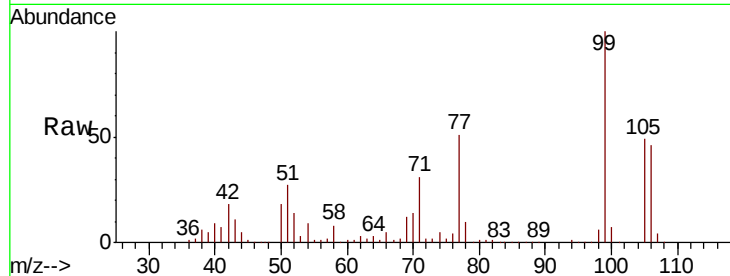
ClientSampleId :

RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.9	72.6	112.6
106	89.2	71.3	111.3

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#10

Phenol

Concen: 17.628 ng

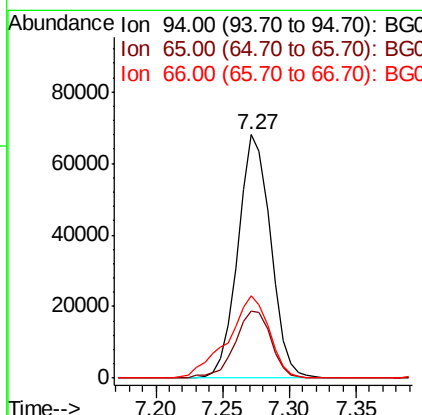
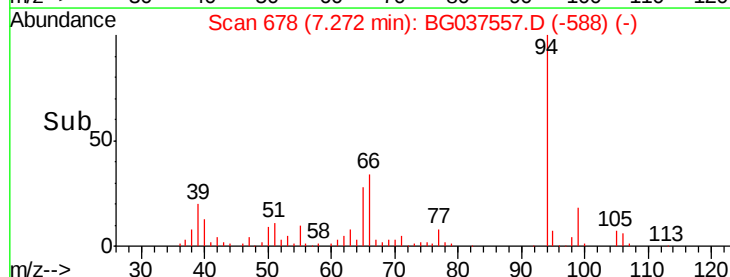
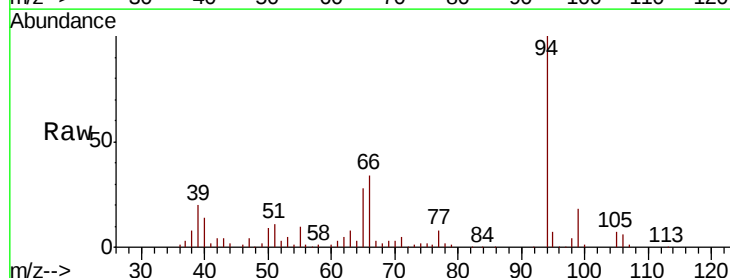
RT: 7.27 min Scan# 678

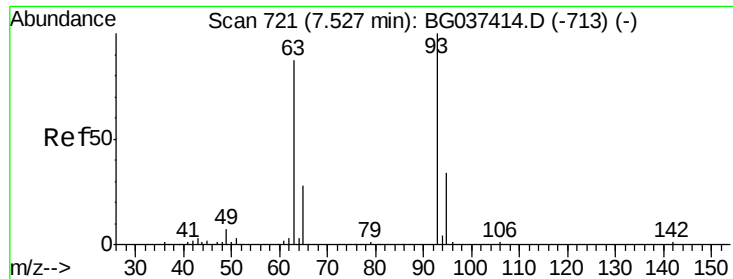
Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.7	49.7
66	33.9	15.9	55.9





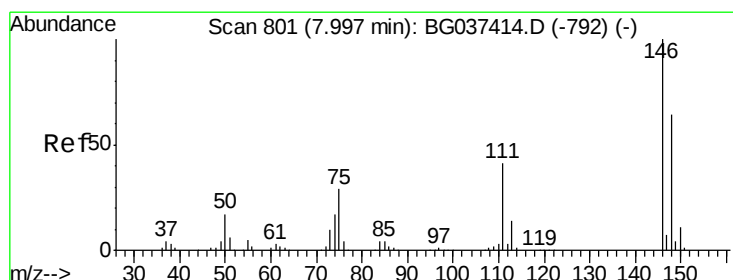
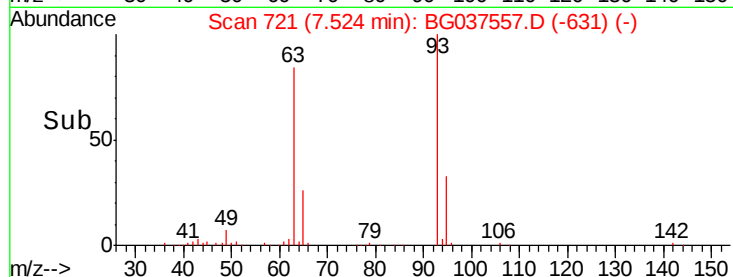
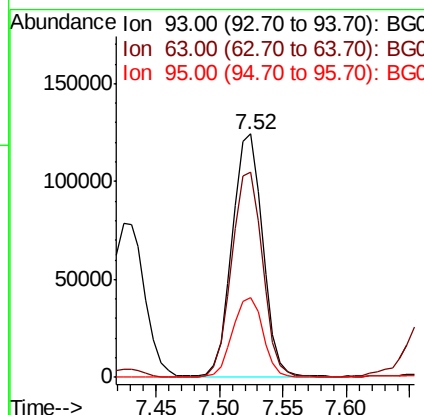
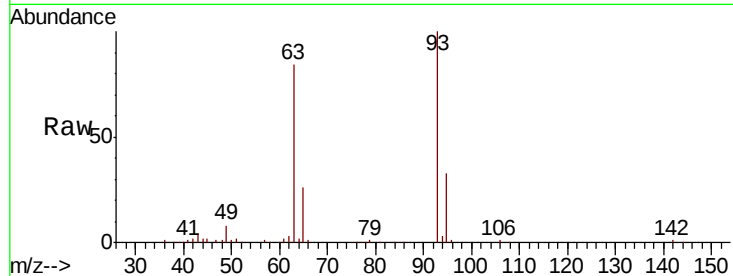
#11
bis(2-Chloroethyl)ether
Concen: 41.825 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	69.5	109.5
95	32.8	12.6	52.6

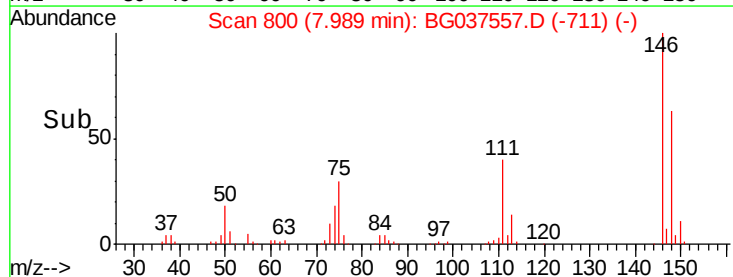
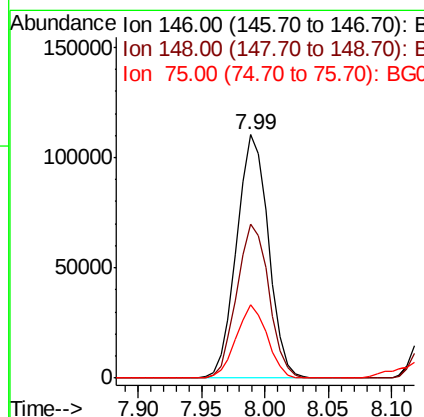
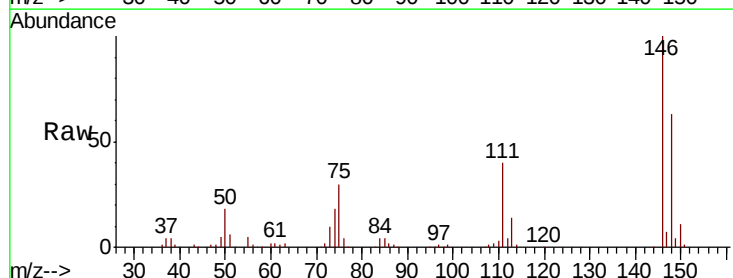
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#12
1,3-Dichlorobenzene
Concen: 35.777 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.8
75	30.0	23.2	34.8





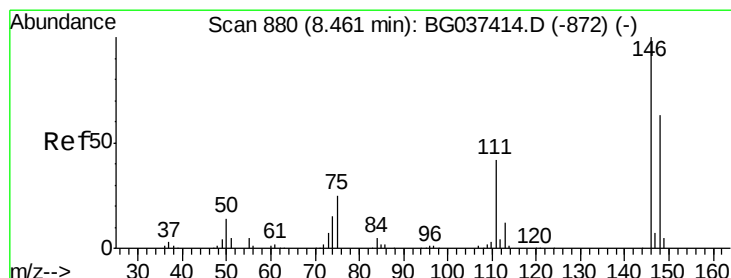
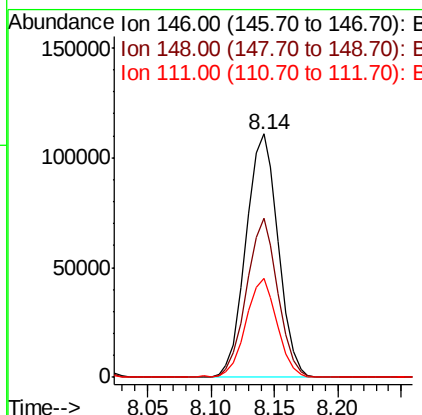
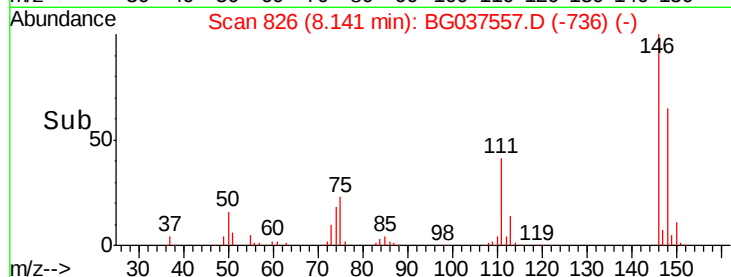
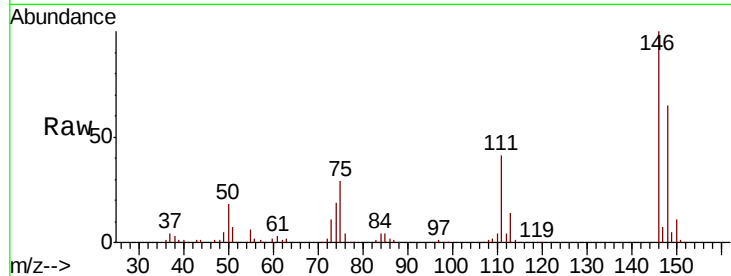
#13
 1,4-Dichlorobenzene
 Concen: 35.749 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	40.6	32.4	48.6

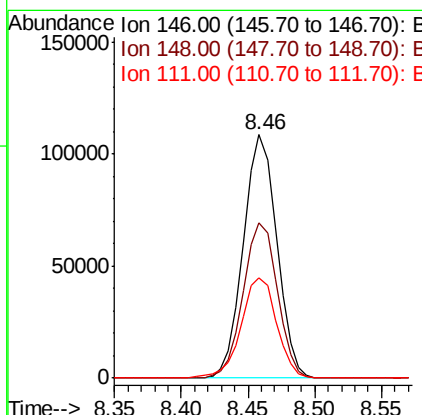
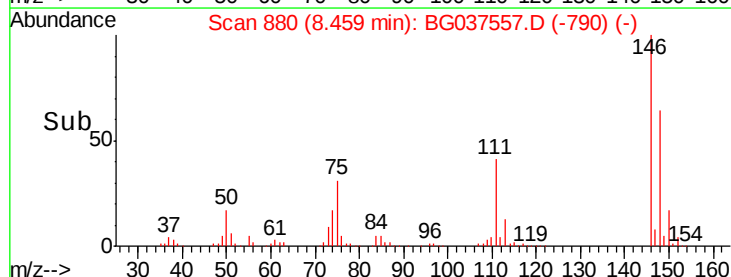
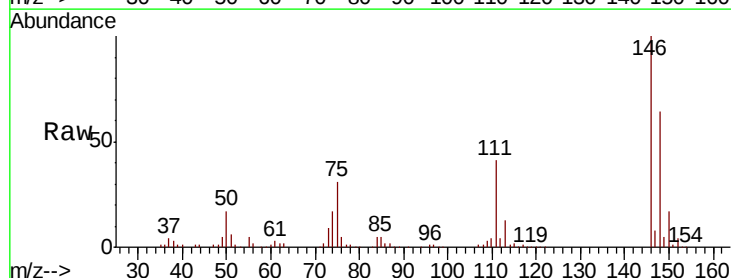
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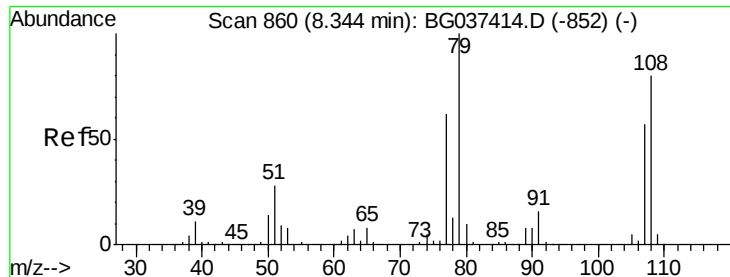
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#14
 1,2-Dichlorobenzene
 Concen: 35.781 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	41.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 29.500 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

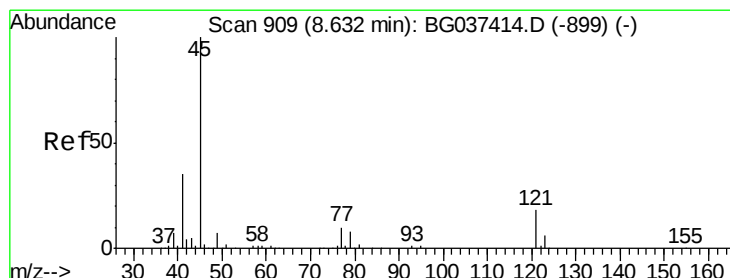
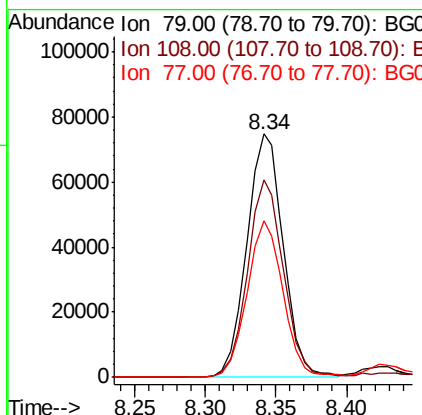
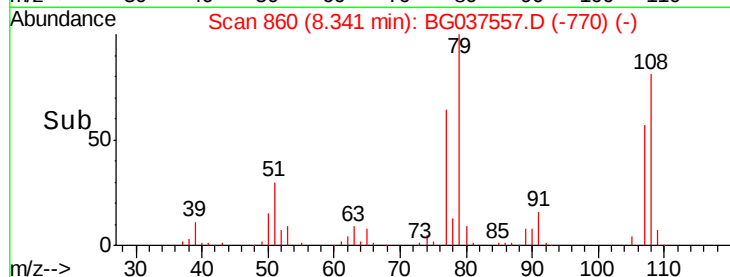
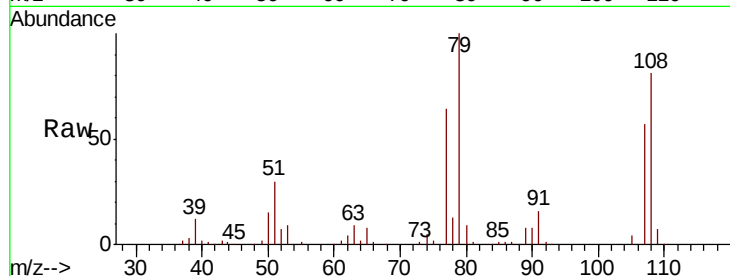
ClientSampleId :

RAV-GT104MSD

Tot Ion:	79	Resp:	135317
Ion Ratio	Lower	Upper	
79	100		
108	80.9	65.8	98.8
77	64.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.225 ng

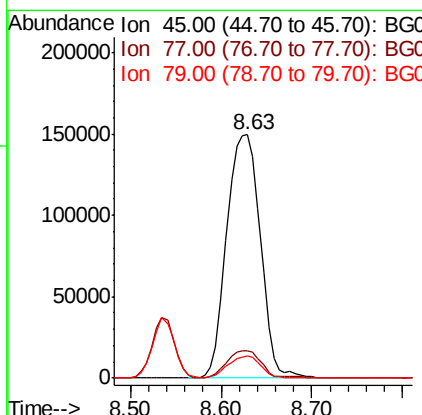
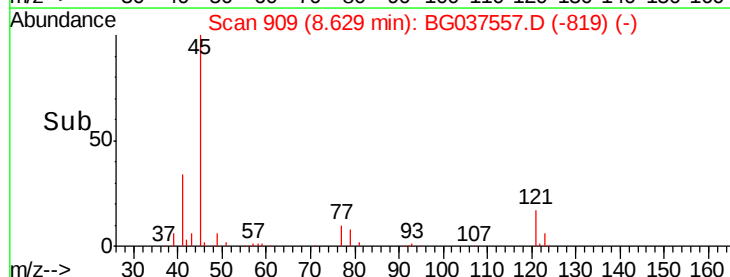
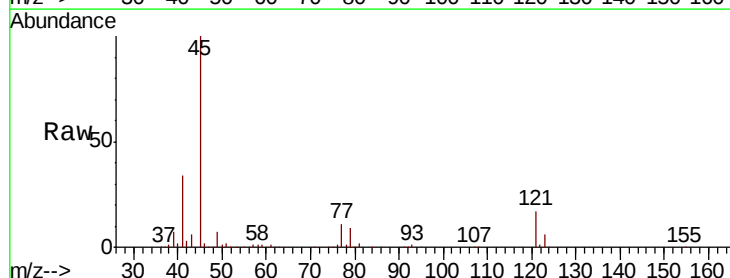
RT: 8.63 min Scan# 909

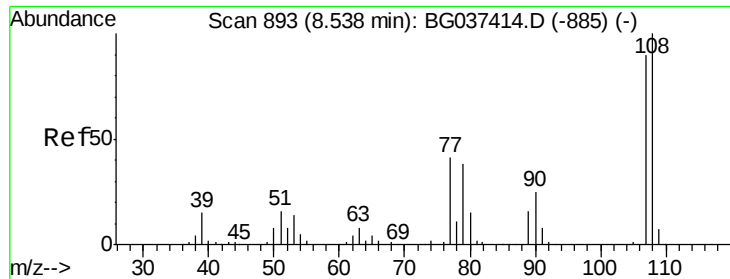
Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	45	Resp:	384760
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.0
79	9.0	0.0	29.0





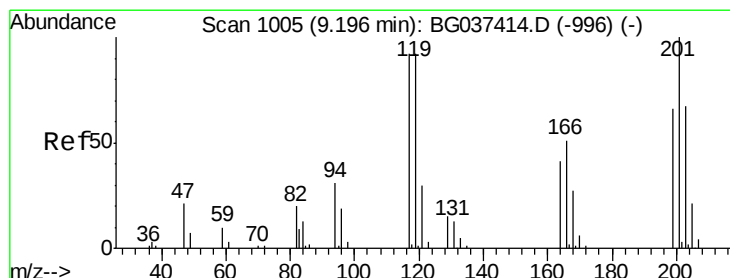
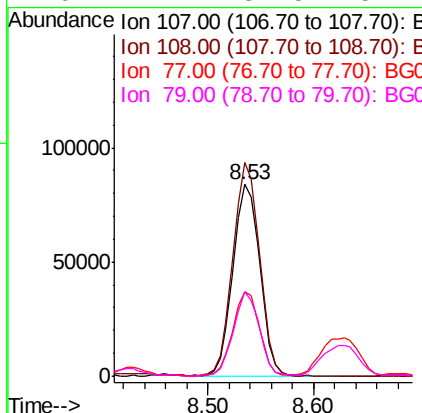
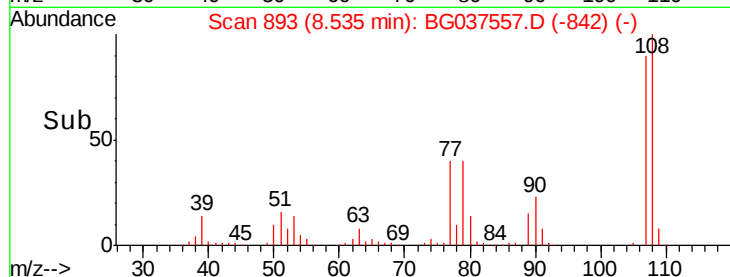
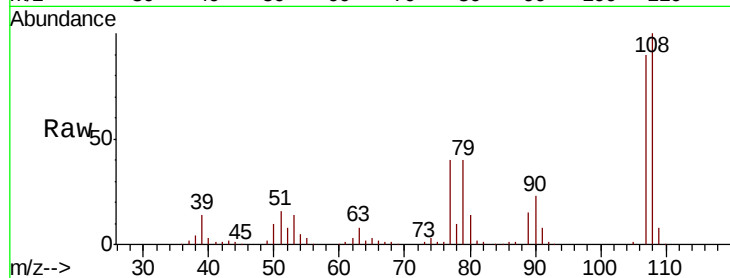
#17
2-Methylphenol
Concen: 34.367 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	87.9	131.9	
77	44.2	35.1	52.7	
79	44.1	34.5	51.7	

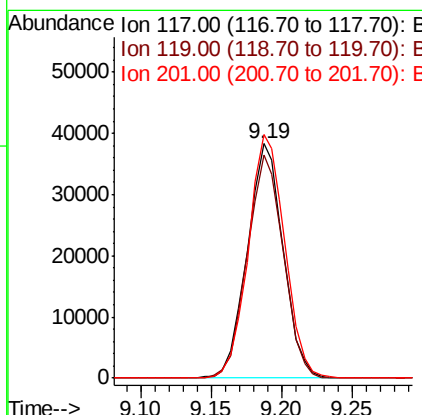
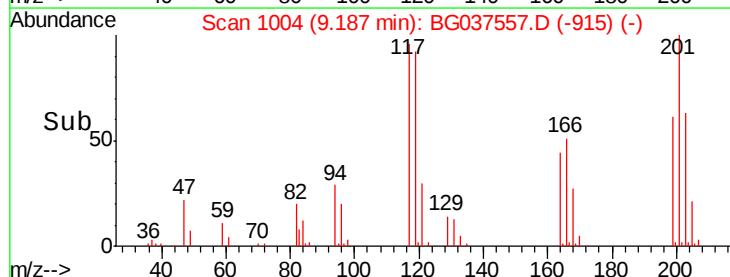
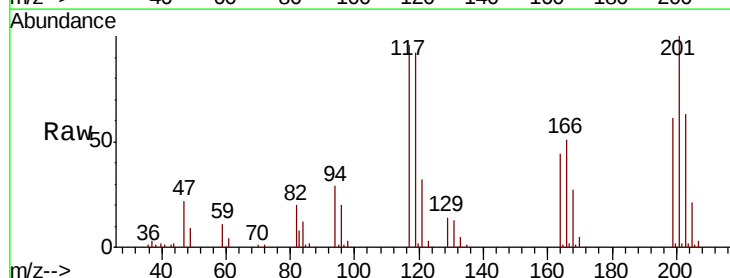
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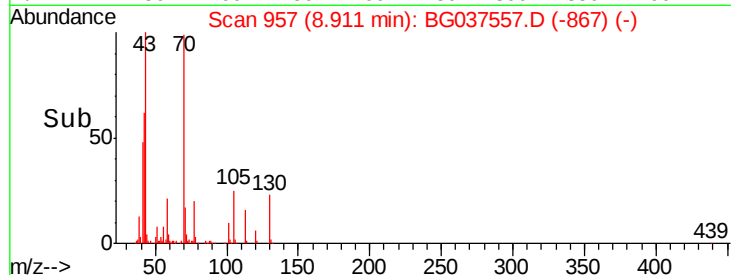
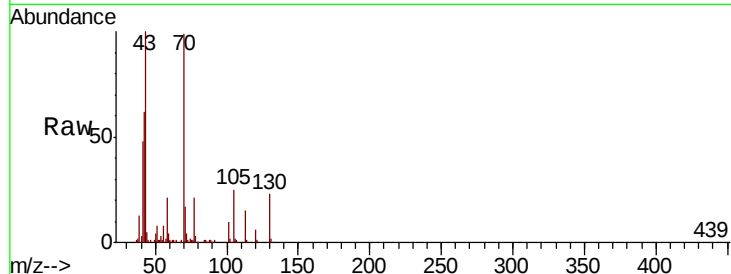
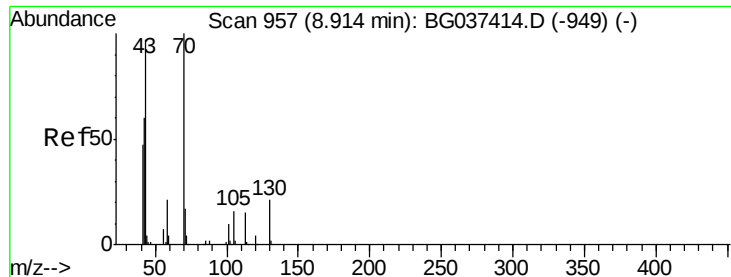
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#18
Hexachloroethane
Concen: 36.547 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	74.6	111.8	
201	106.3	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 42.996 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

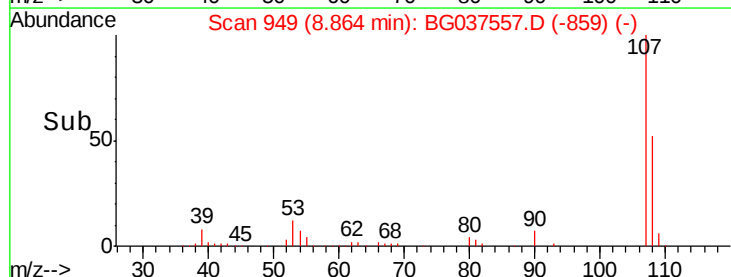
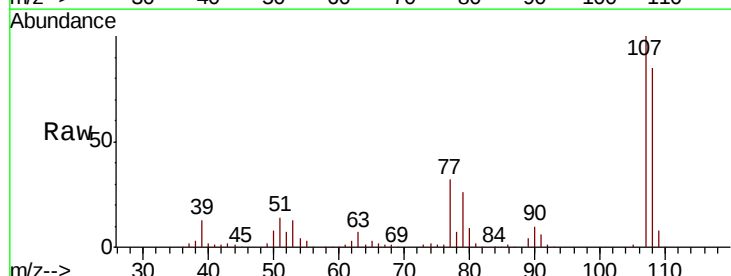
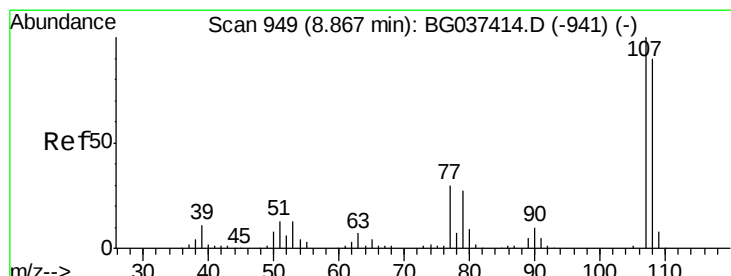
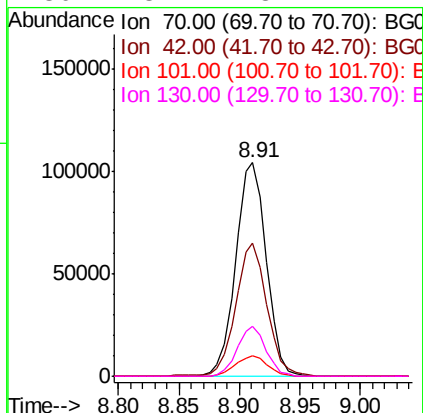
ClientSampleId :

RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	53.9	80.9
101	9.8	8.2	12.2
130	23.2	18.2	27.4

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#20

3+4-Methylphenols

Concen: 30.127 ng

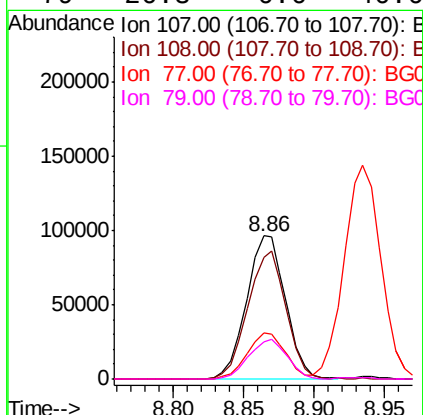
RT: 8.86 min Scan# 949

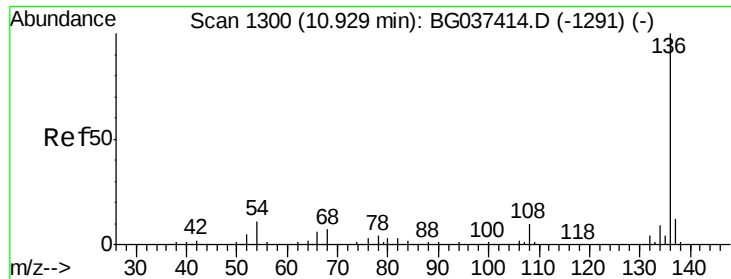
Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	69.9	109.9
77	32.3	11.2	51.2
79	26.3	6.6	46.6





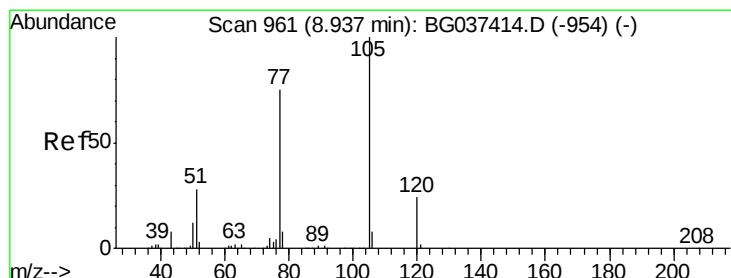
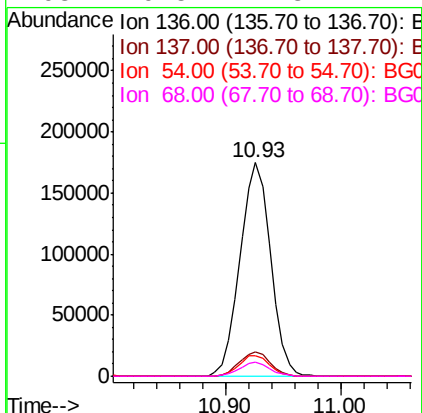
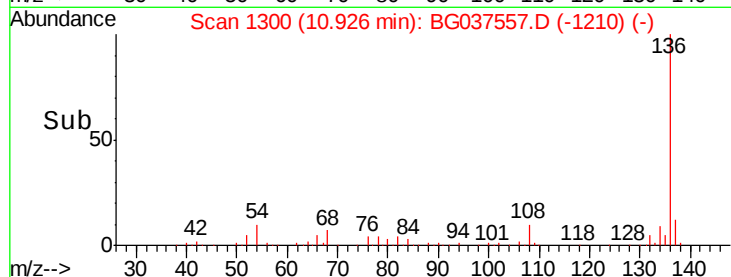
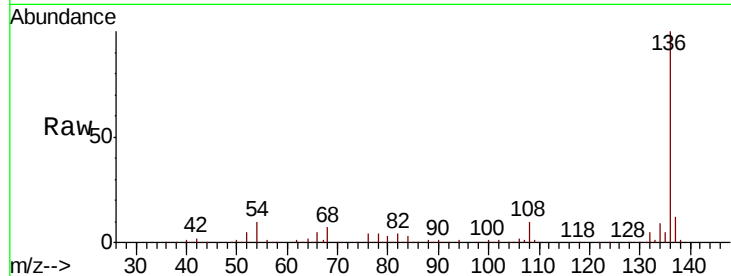
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	321481		
137	11.7		9.6	14.4
54	9.8		7.9	11.9
68	6.5		4.8	7.2

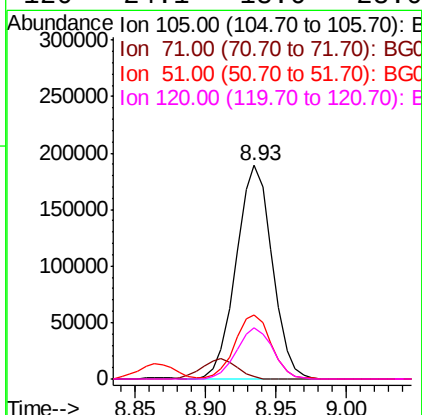
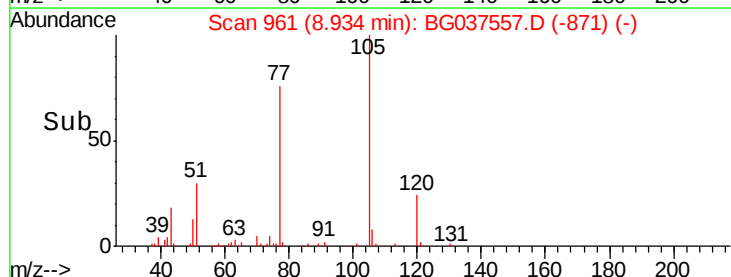
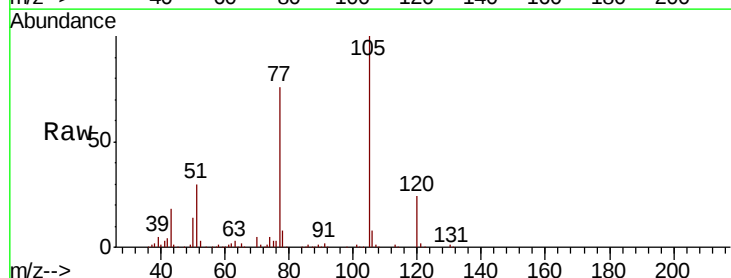
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#22
Acetophenone
Concen: 41.728 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336439		
71	1.1		1.2	1.8#
51	29.9		25.0	37.6
120	24.1		18.6	28.0





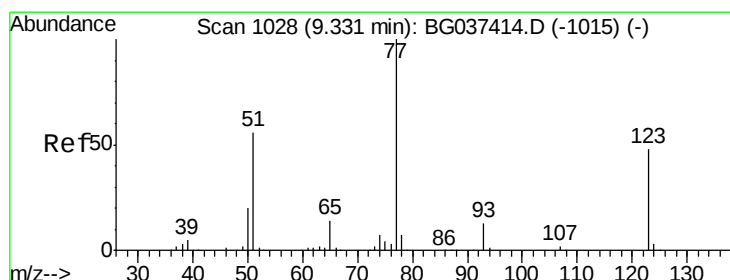
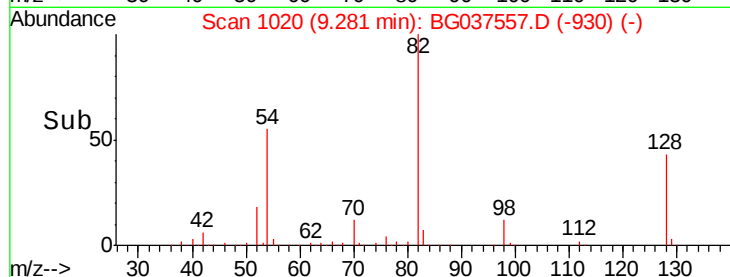
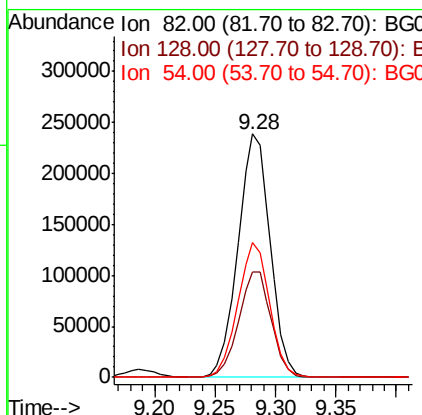
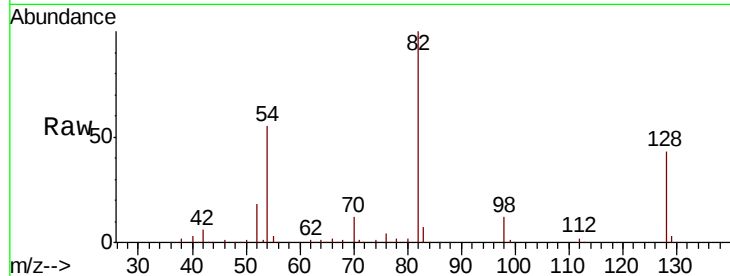
#23
Nitrobenzene-d5
Concen: 77.175 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	55.1	45.3	67.9

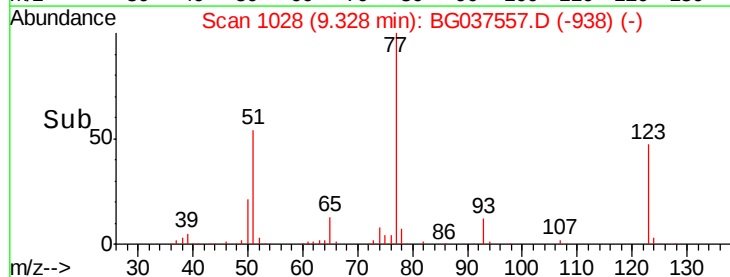
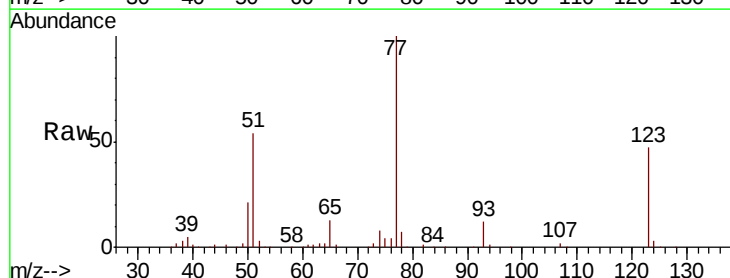
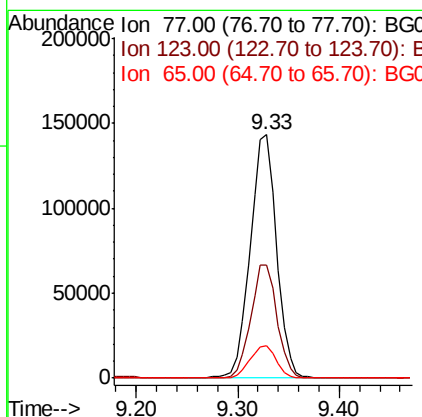
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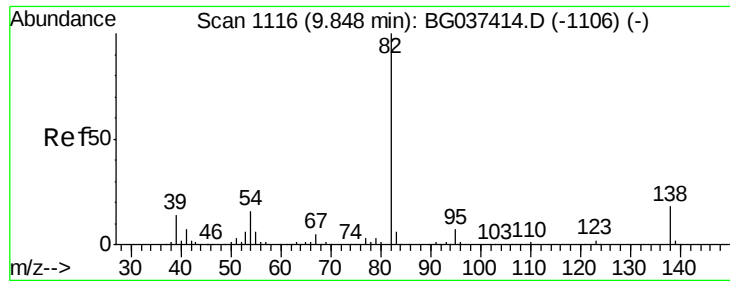
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#24
Nitrobenzene
Concen: 43.381 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.6	50.4
65	13.2	11.3	16.9





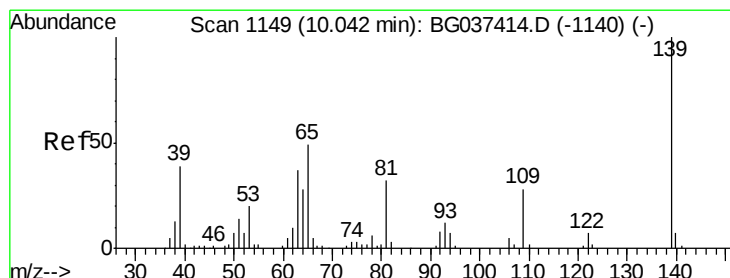
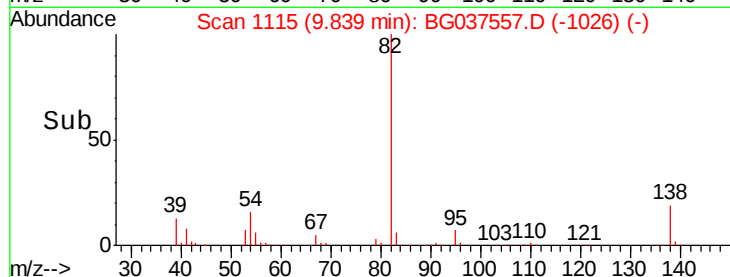
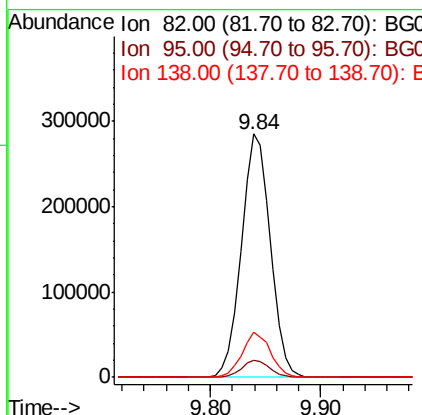
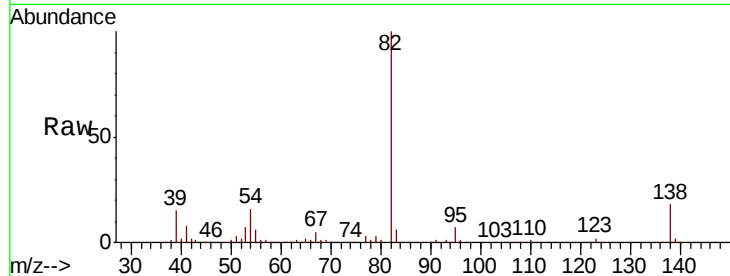
#25
Isophorone
Concen: 50.100 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	525334		
95	7.1		5.3	7.9
138	18.5		13.3	19.9

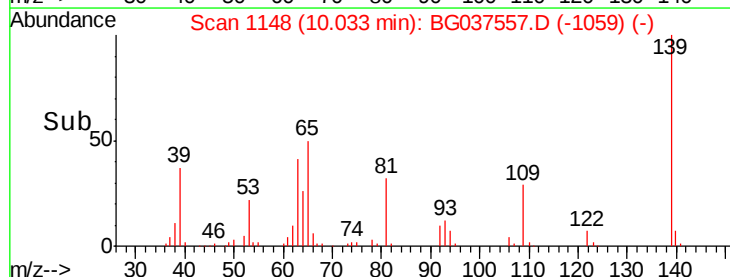
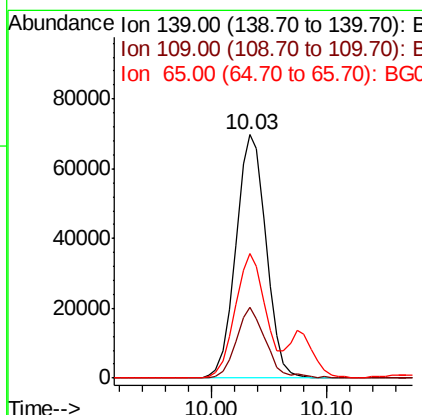
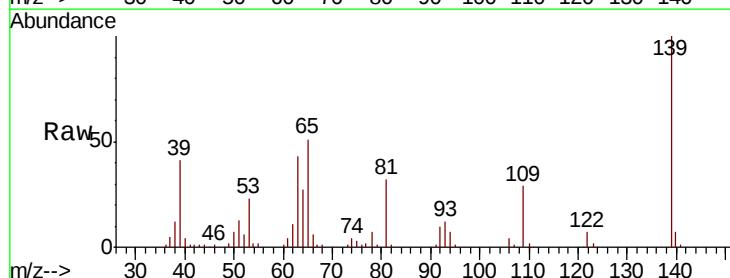
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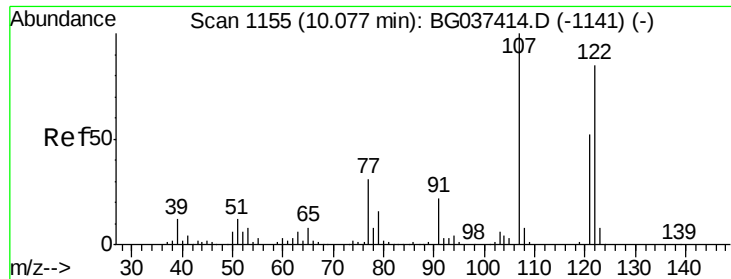
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#26
2-Nitrophenol
Concen: 46.889 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	125931		
109	28.9		23.3	34.9
65	51.4		39.8	59.8





#27

2,4-Dimethylphenol

Concen: 45.337 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

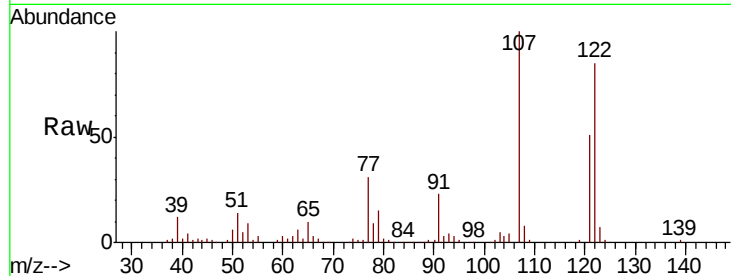
ClientSampleId :

RAV-GT104MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		217404		
107	118.2	94.2	141.2		
121	60.4	47.3	70.9		

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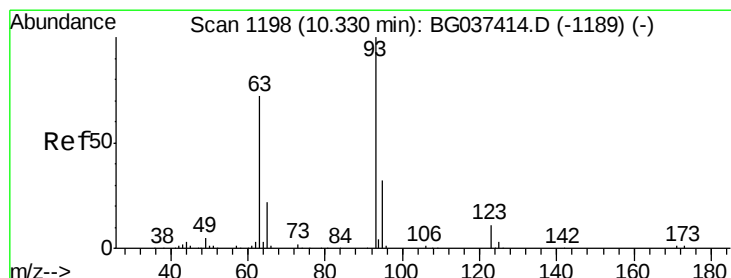
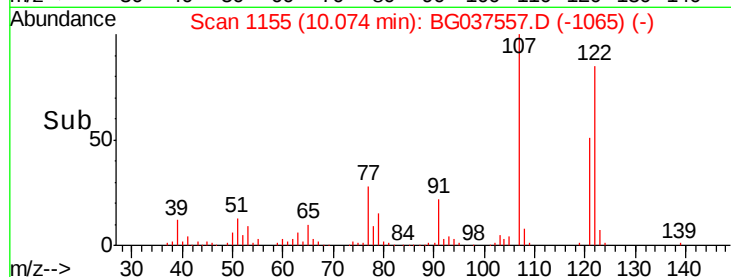
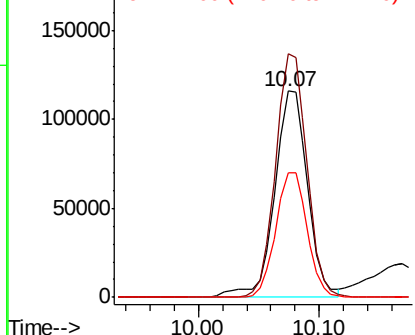


Abundance

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: 45.412 ng

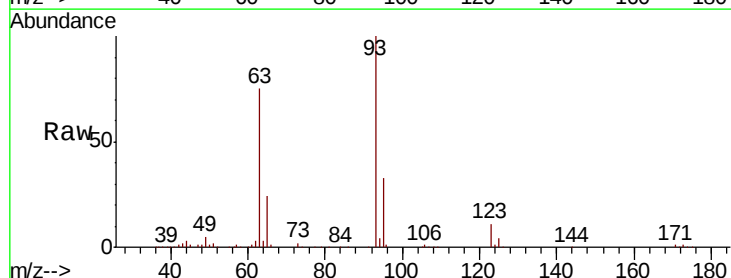
RT: 10.32 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		311979		
95	33.2	24.6	37.0		
123	11.4	9.1	13.7		

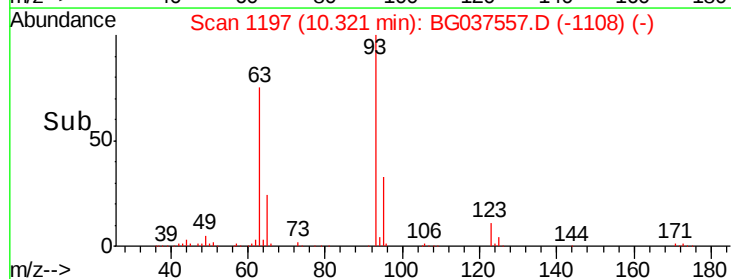
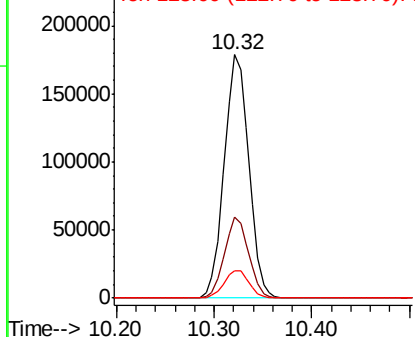


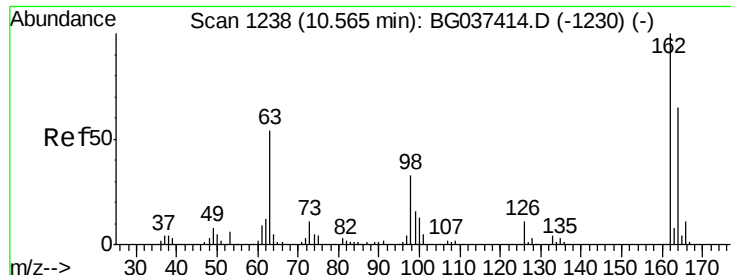
Abundance

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





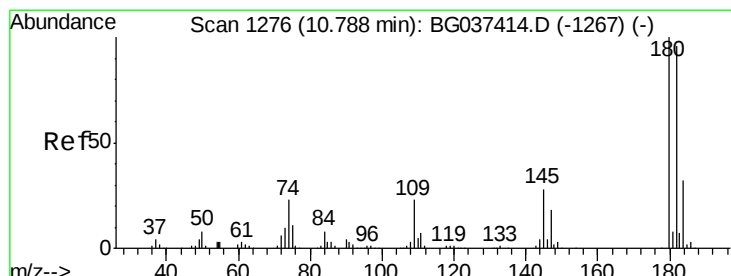
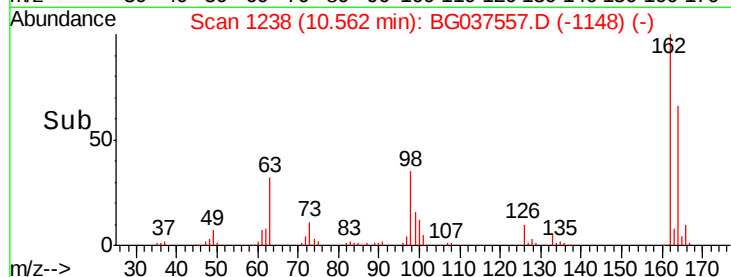
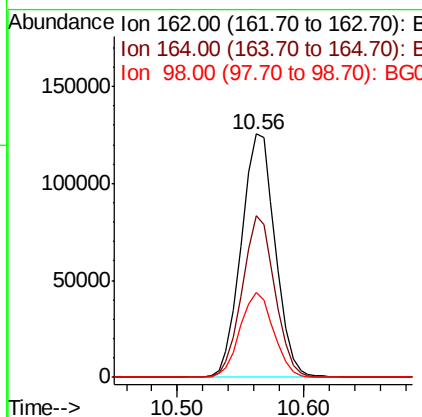
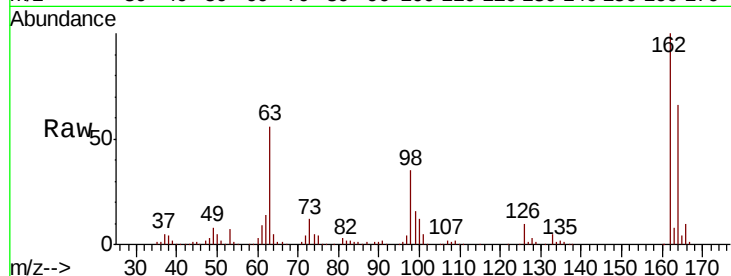
#29
2,4-Dichlorophenol
Concen: 43.773 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	233708		
164	66.5	43.2	83.2	
98	34.9	16.0	56.0	

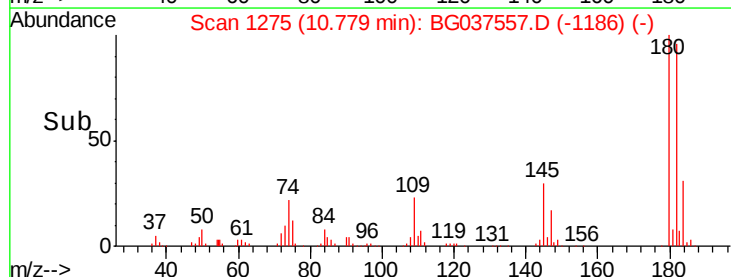
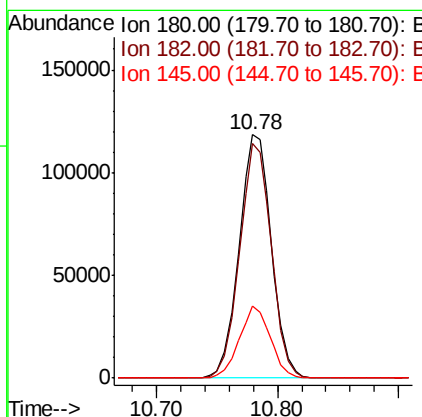
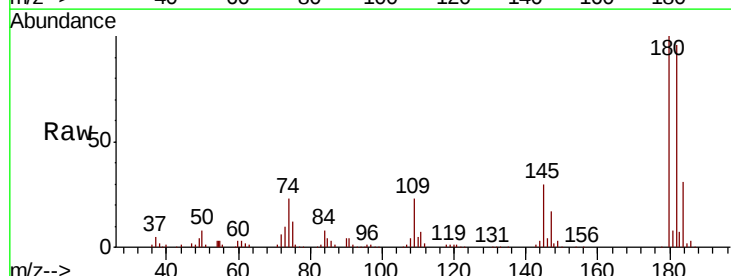
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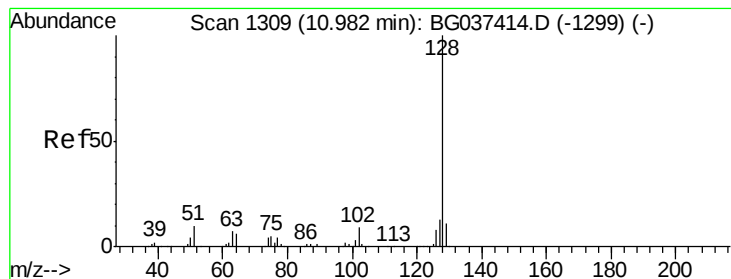
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10/26/2018 3:46:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.817 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	219571		
182	96.5	77.7	116.5	
145	29.8	23.3	34.9	





#31

Naphthalene

Concen: 42.919 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

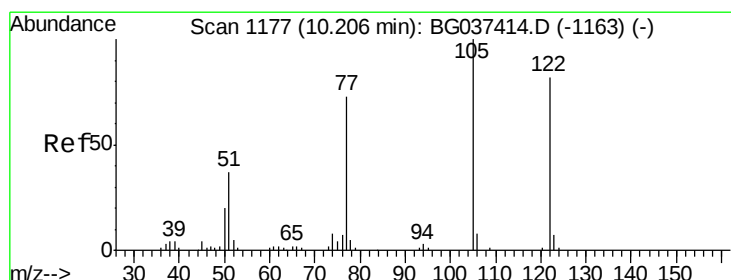
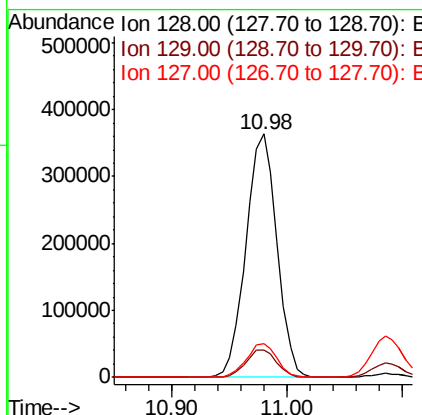
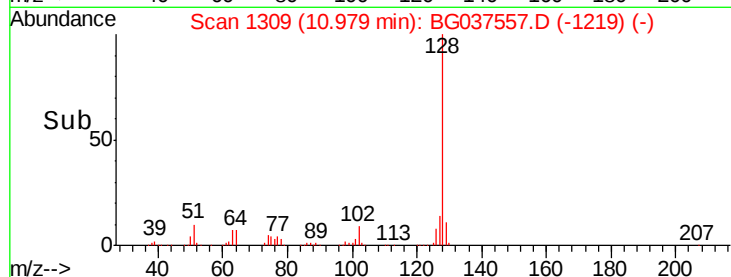
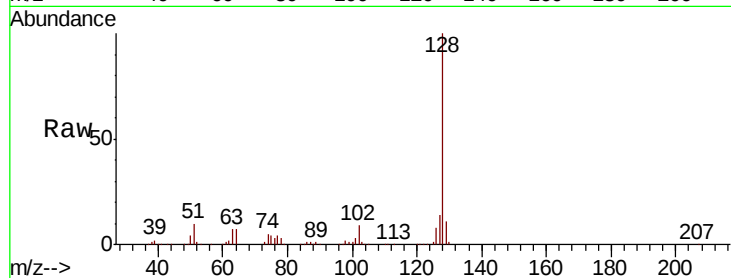
ClientSampleId :

RAV-GT104MSD

Tot Ion:	128	Resp:	677707
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.6	11.1	16.7

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10/26/2018 3:46:46 PM



#32

Benzoic acid

Concen: 16.261 ng

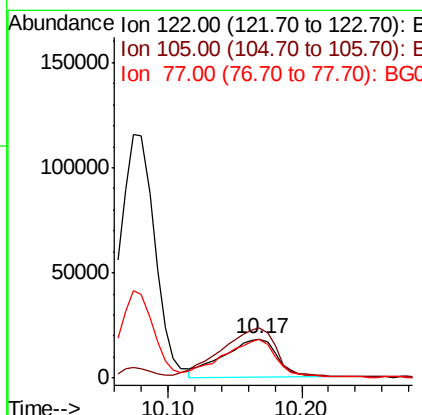
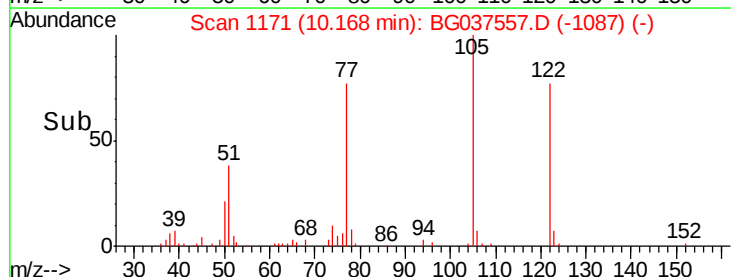
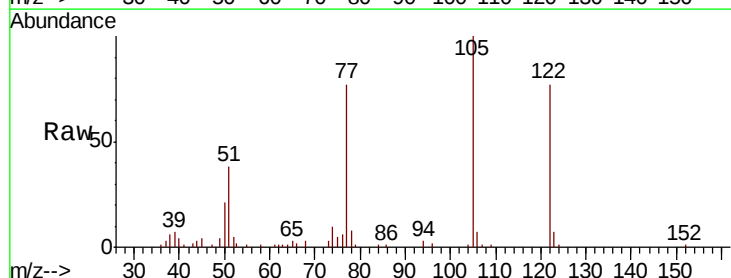
RT: 10.17 min Scan# 1171

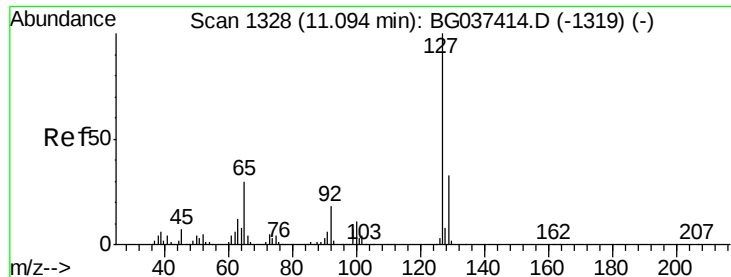
Delta R.T. -0.04 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	122	Resp:	50647
Ion Ratio	Lower	Upper	
122	100		
105	129.2	106.7	146.7
77	99.3	72.2	112.2





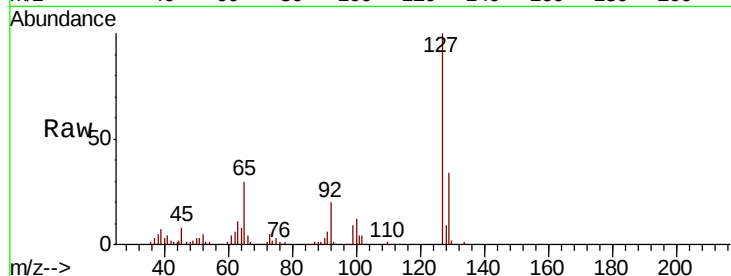
#33
4-Chloroaniline
Concen: 15.778 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	27.1	40.7	
65	29.8	26.6	39.8	
92	19.5	16.4	24.6	

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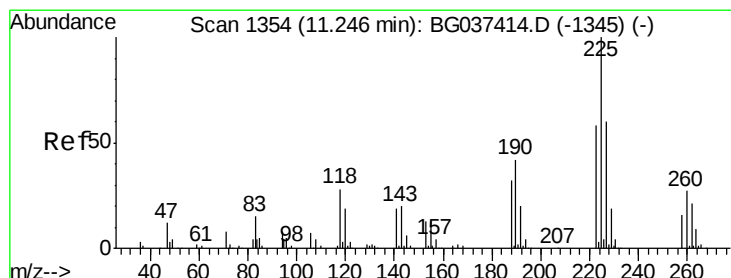
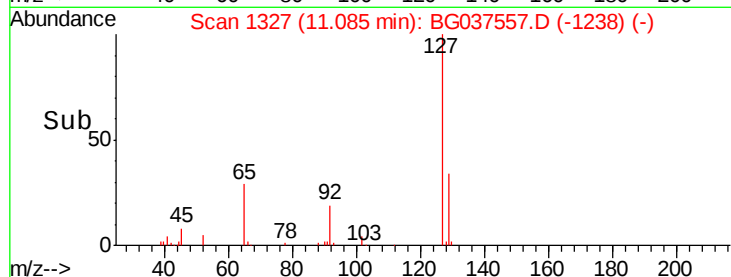
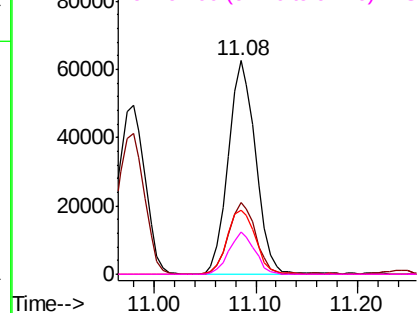
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

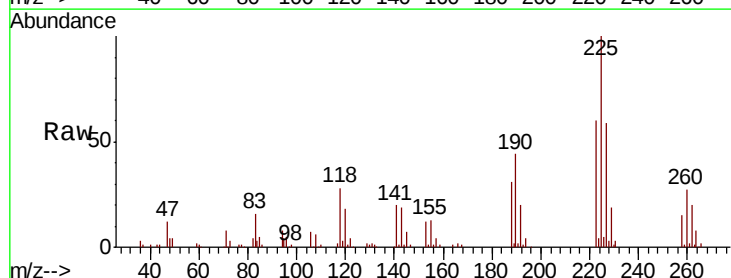
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.600 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.6	48.2	72.4	
227	59.5	51.6	77.4	

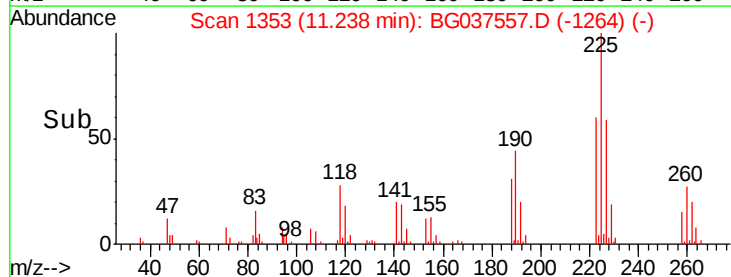
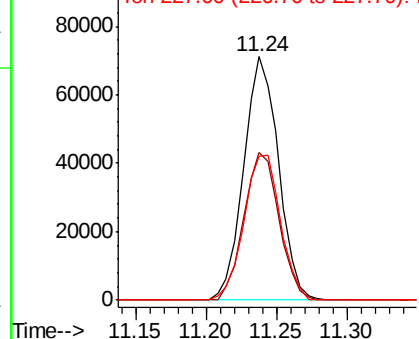


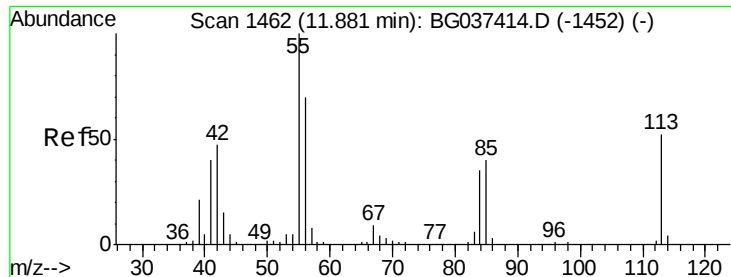
Abundance

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: 6.987 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion: 113 Resp: 14961

Ion Ratio Lower Upper

113 100

55 198.5 176.6 216.6

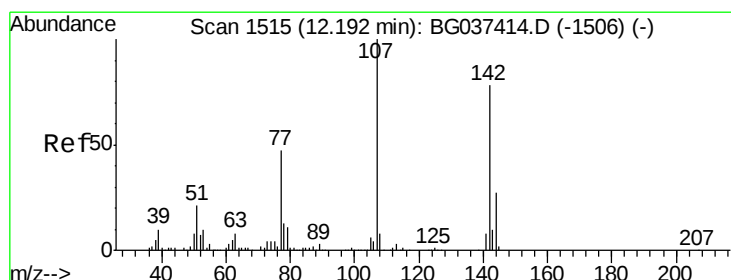
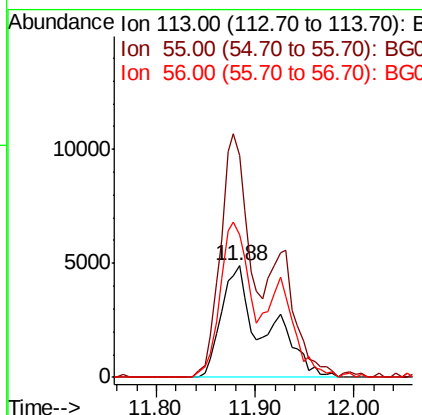
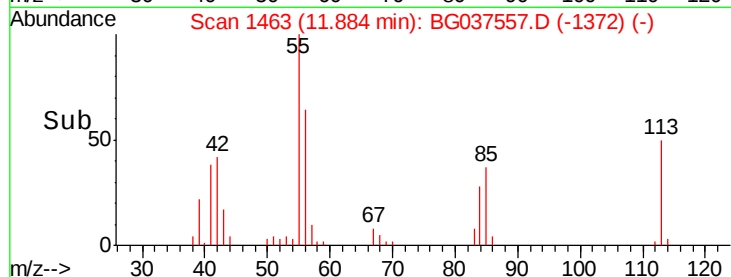
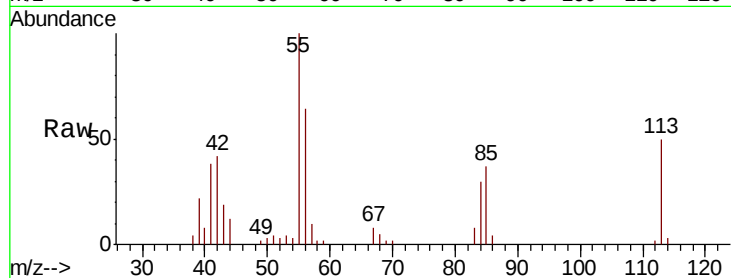
56 128.0 128.3 168.3#

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10/26/2018 3:46:46 PM



#36

4-Chloro-3-methylphenol

Concen: 41.077 ng/mL

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

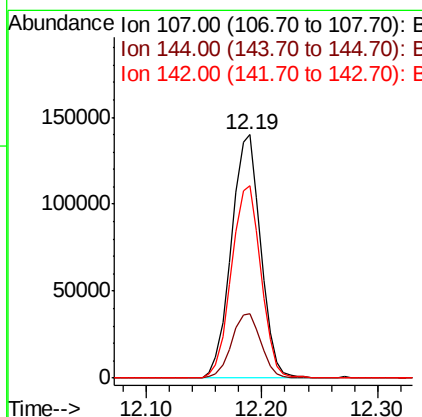
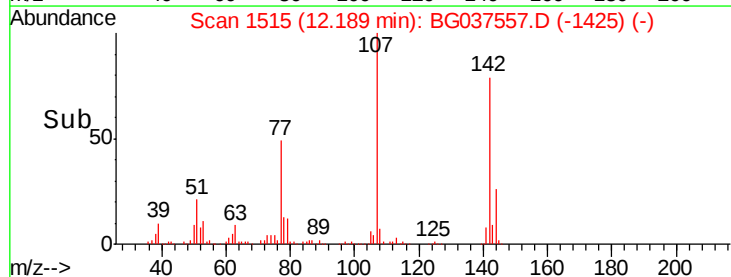
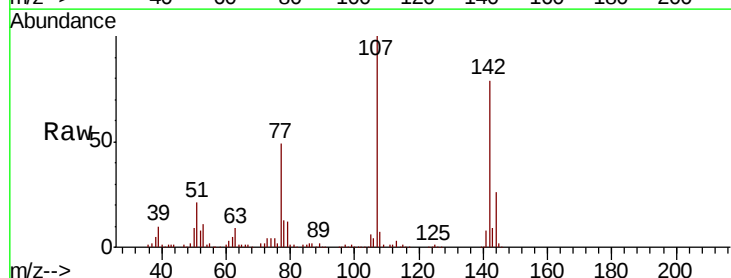
Tgt Ion: 107 Resp: 247339

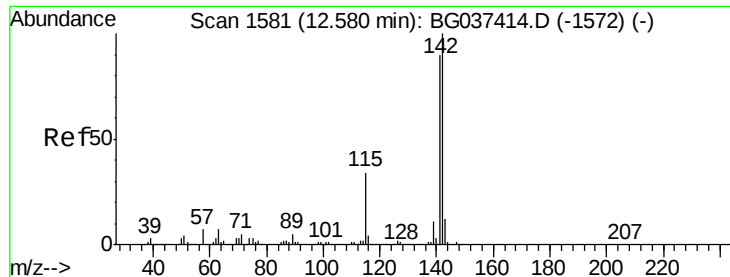
Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

142 78.9 64.4 96.6





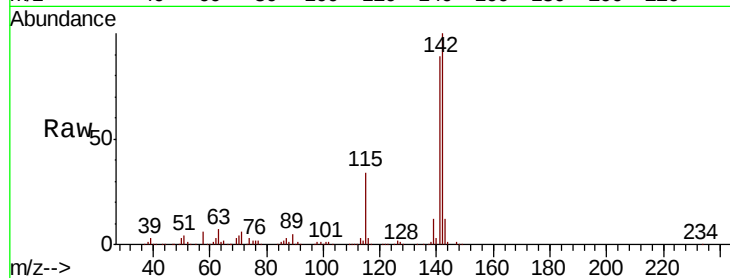
#37
2-Methylnaphthalene
Concen: 46.246 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	34.2	27.8	41.8

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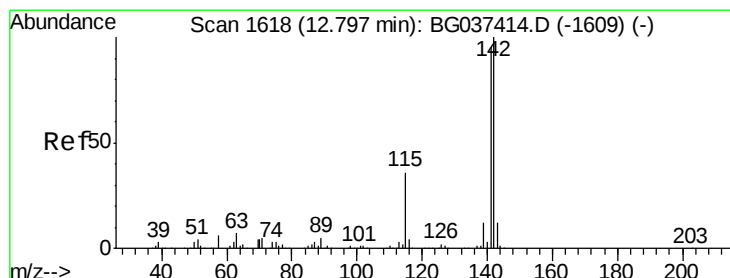
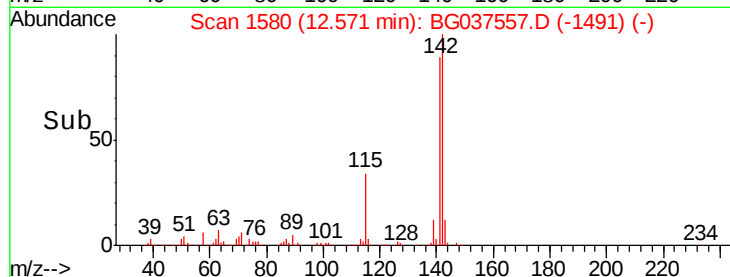
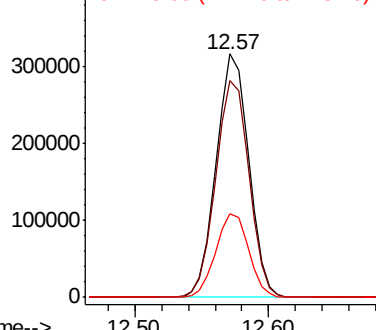


Abundance

Ion 142.00 (141.70 to 142.70): E

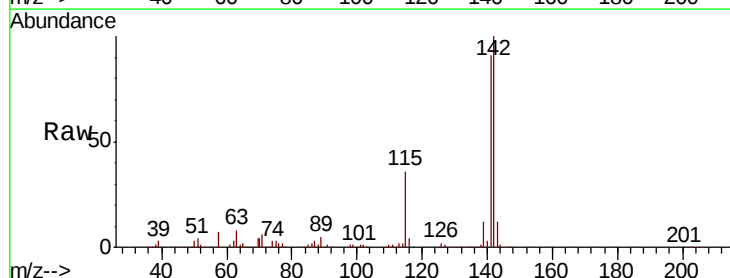
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.692 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	3.7	3.3	4.9

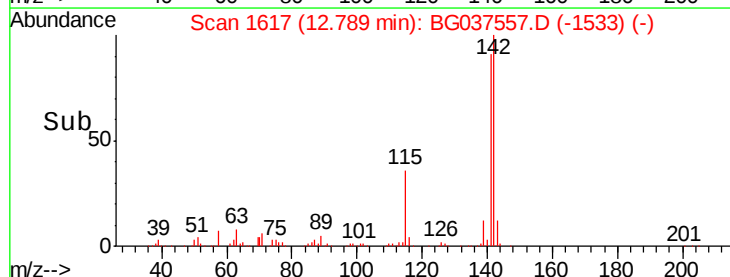
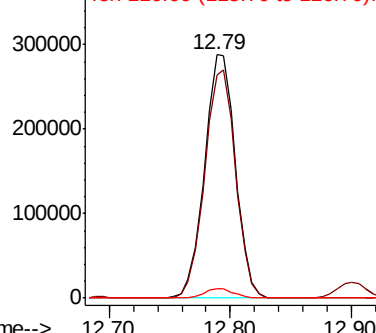


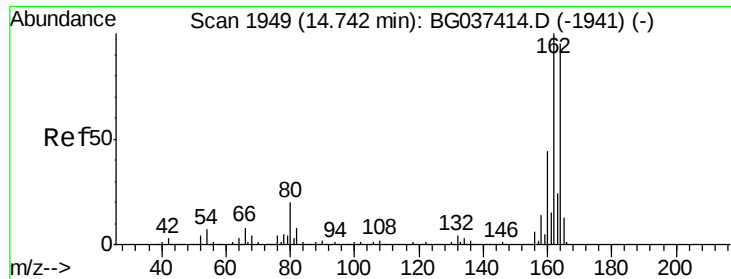
Abundance

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





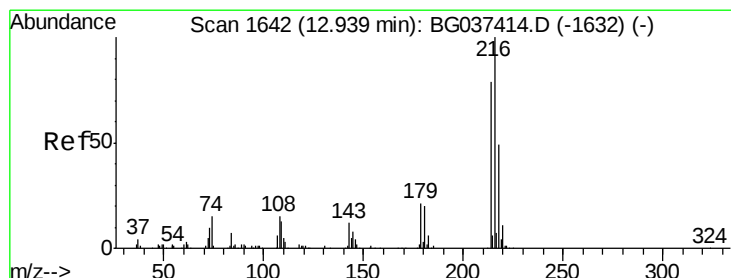
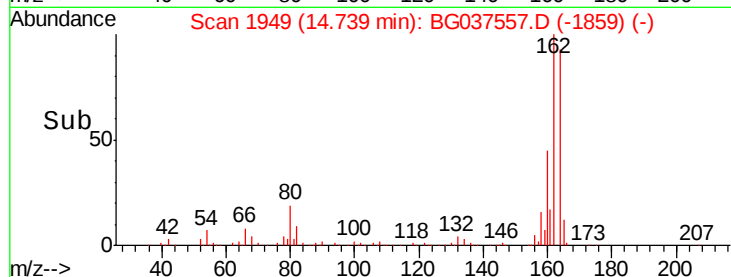
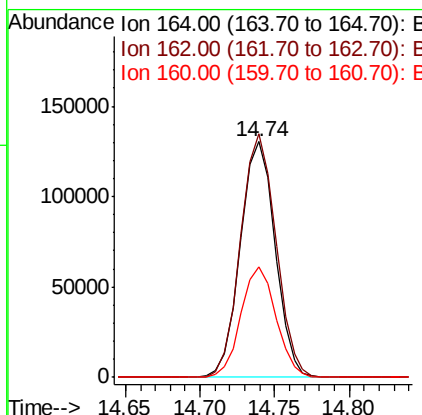
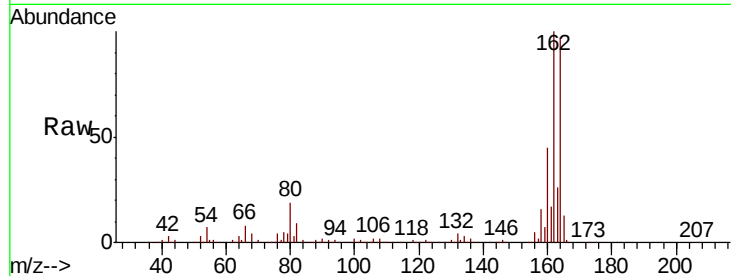
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	210891		
162	103.3	81.3	121.9	
160	46.8	36.3	54.5	

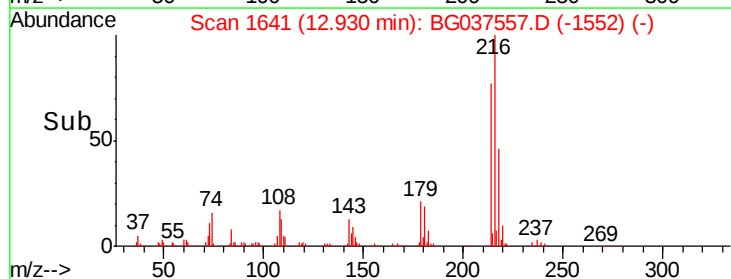
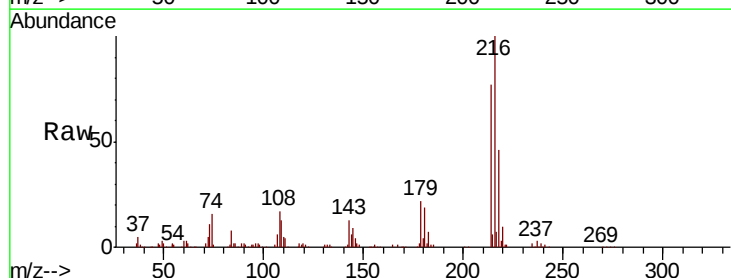
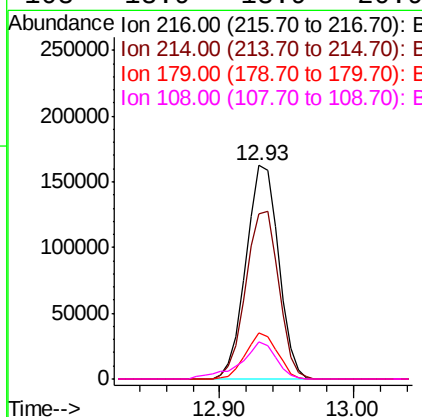
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.155 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	273152		
214	79.5	63.8	95.6	
179	21.1	17.4	26.0	
108	18.9	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 87.961 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

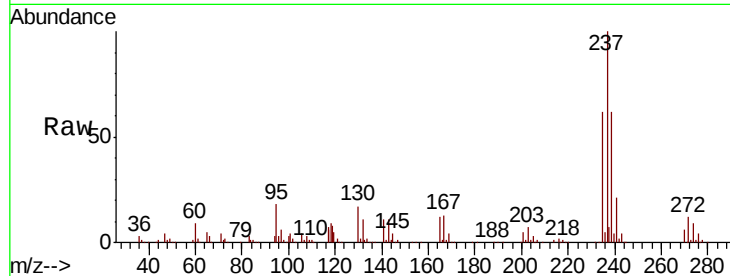
ClientSampleId :

RAV-GT104MSD

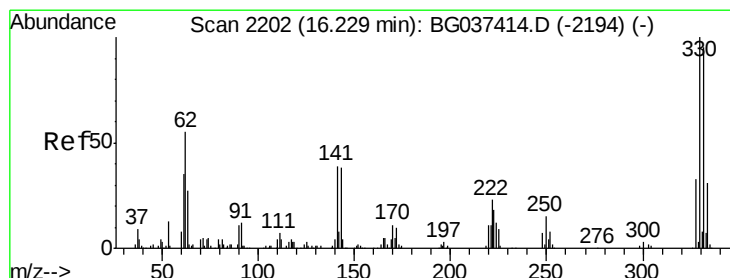
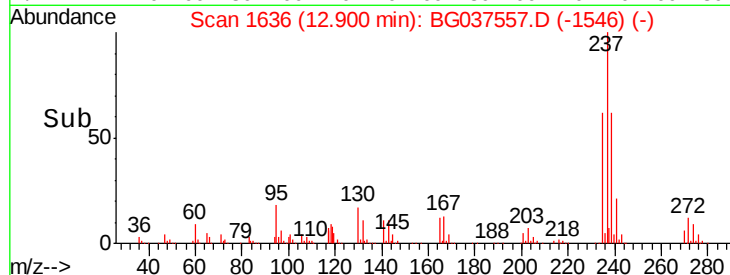
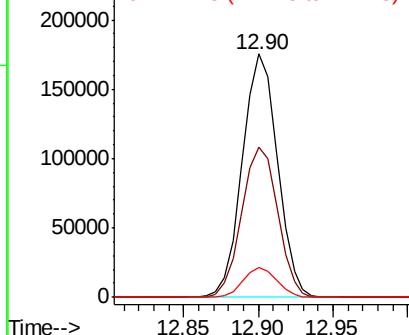
Tot Ion:	237	Resp:	285814
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.5	82.5
272	12.2	0.0	31.6

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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: 115.555 ng

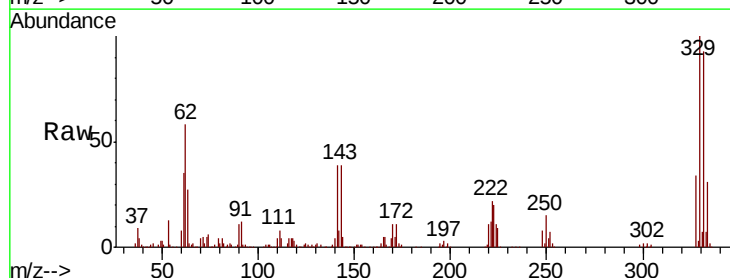
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

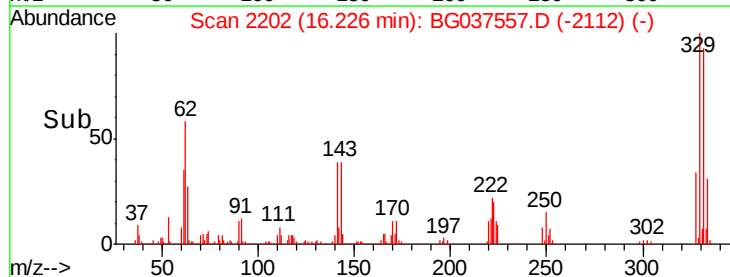
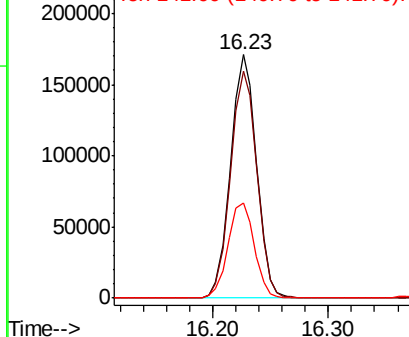
Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	330	Resp:	265795
Ion Ratio	Lower	Upper	
330	100		
332	94.9	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





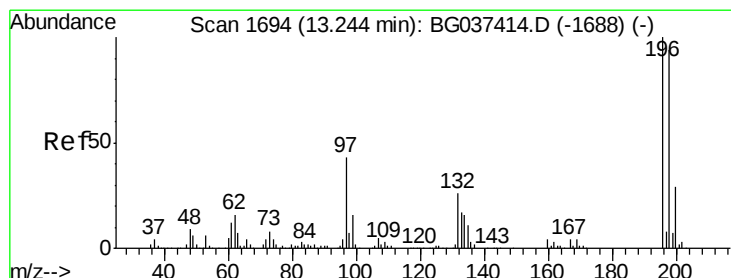
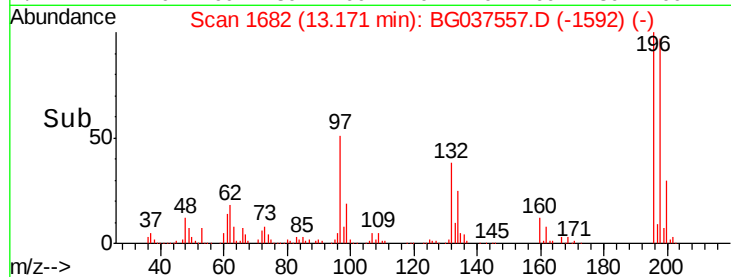
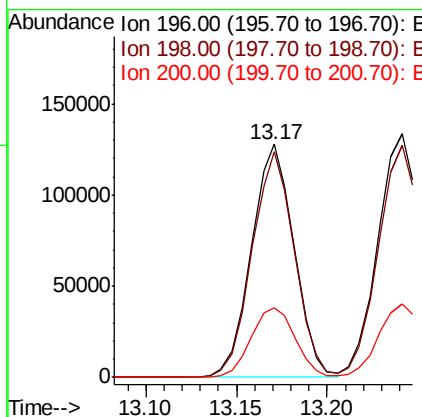
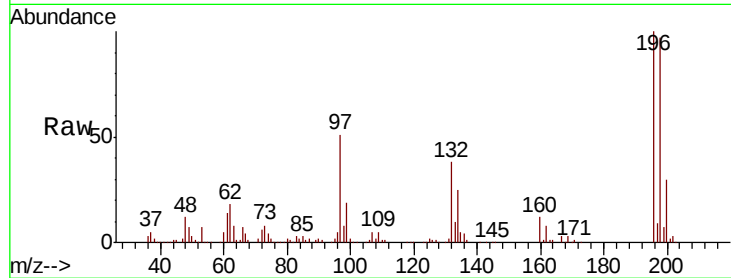
#43
 2,4,6-Trichlorophenol
 Concen: 46.003 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209062		
198	96.5	76.4	114.6	
200	29.9	24.9	37.3	

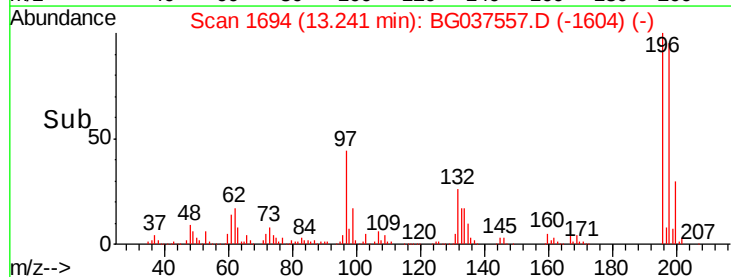
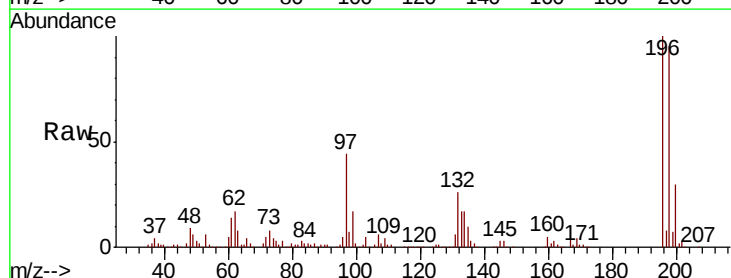
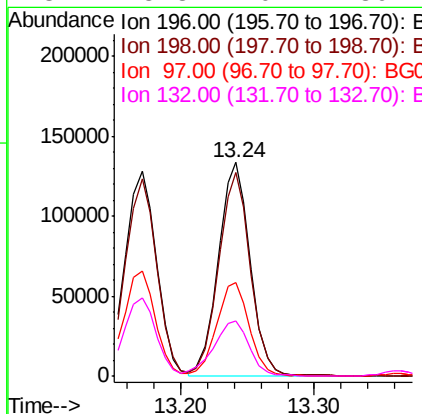
Manual Integrations
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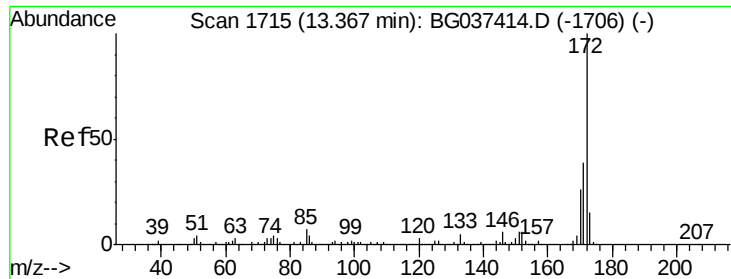
Sohil
 10/26/2018 3:46:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.922 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222271		
198	95.1	74.2	111.2	
97	43.9	34.1	51.1	
132	25.8	20.2	30.4	





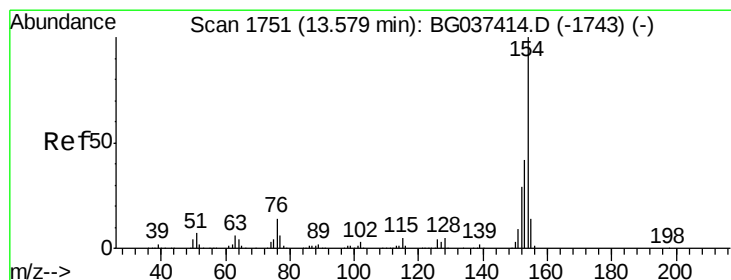
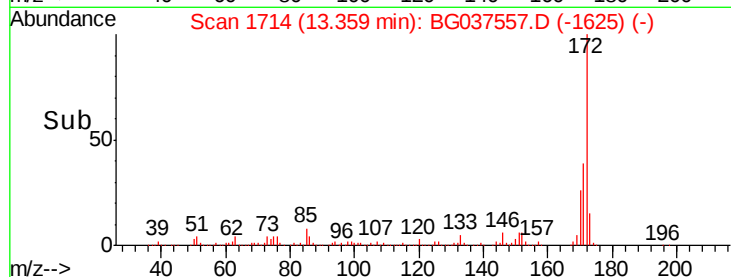
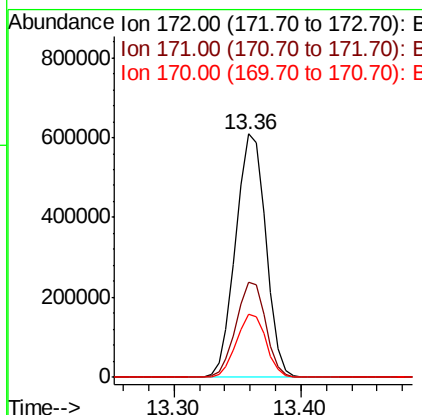
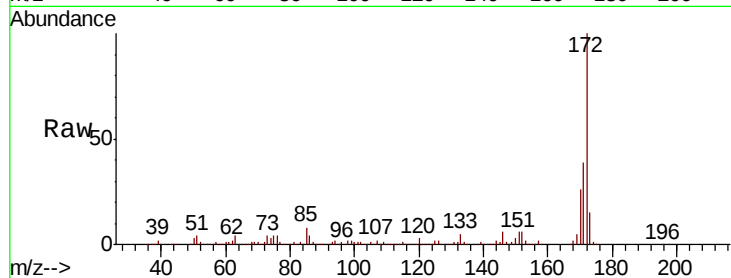
#45
2-Fluorobiphenyl
Concen: 71.660 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.8	20.2	30.2

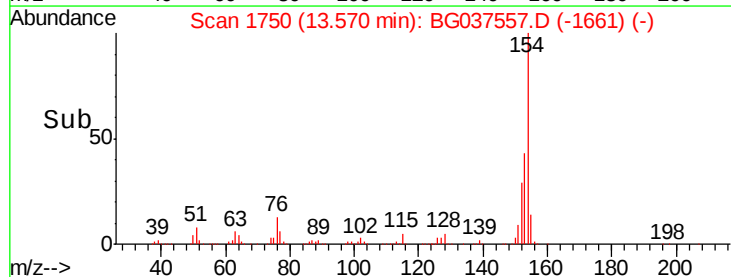
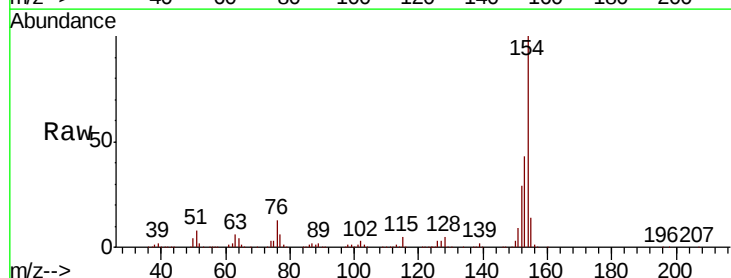
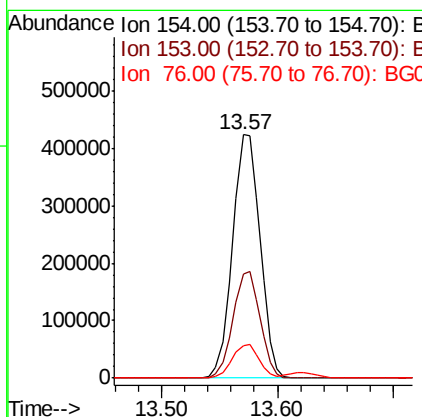
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#46
1,1'-Biphenyl
Concen: 40.017 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.1	0.0	33.2





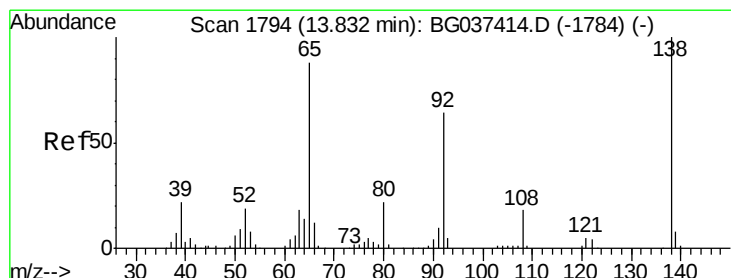
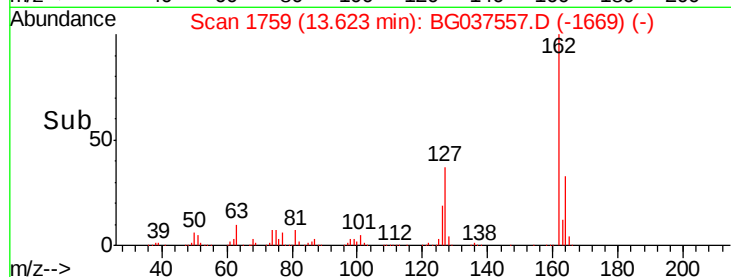
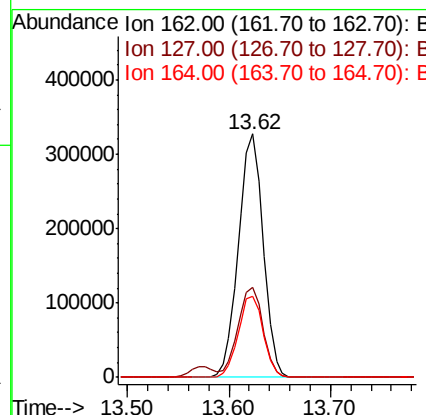
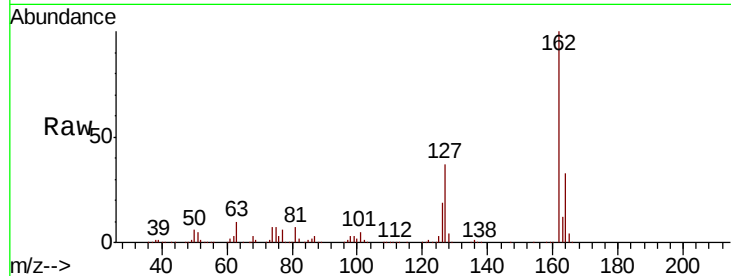
#47
 2-Chloronaphthalene
 Concen: 41.896 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.2	26.4	39.6

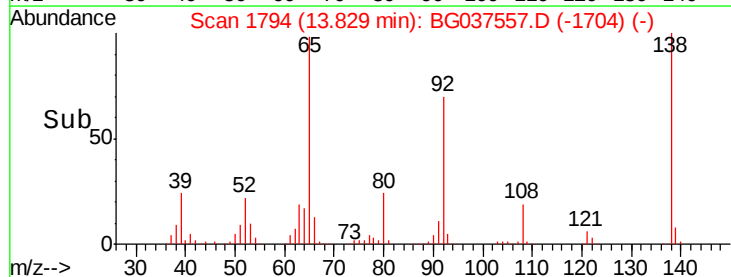
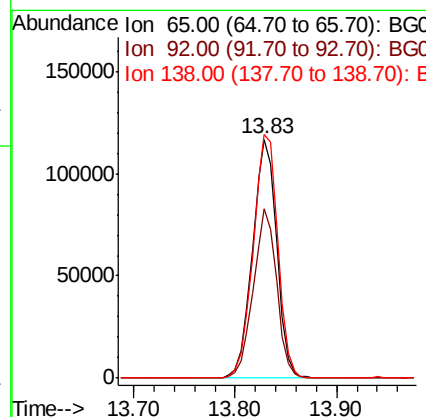
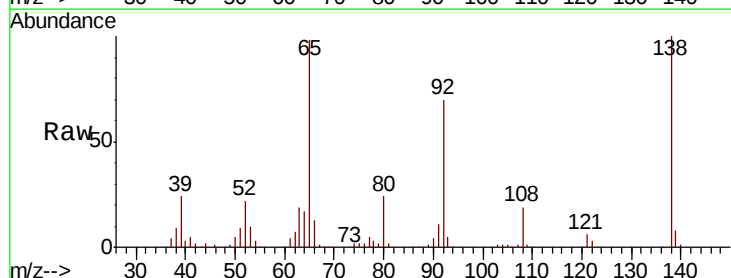
Manual Integrations
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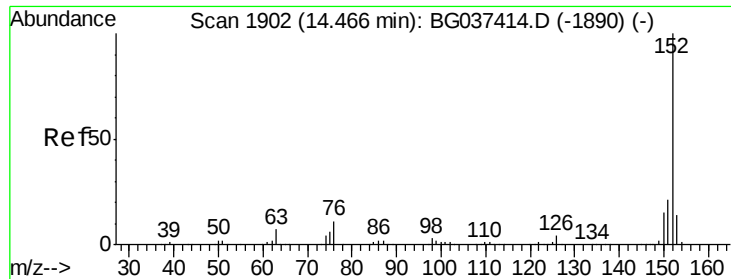
Sohil
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#48
 2-Nitroaniline
 Concen: 48.032 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.2	79.8
138	101.9	79.3	118.9





#49

Acenaphthylene

Concen: 46.162 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

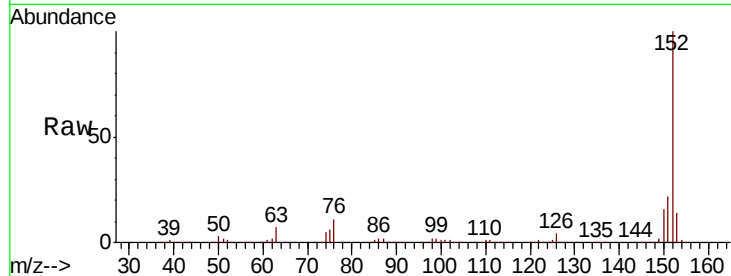
ClientSampleId :

RAV-GT104MSD

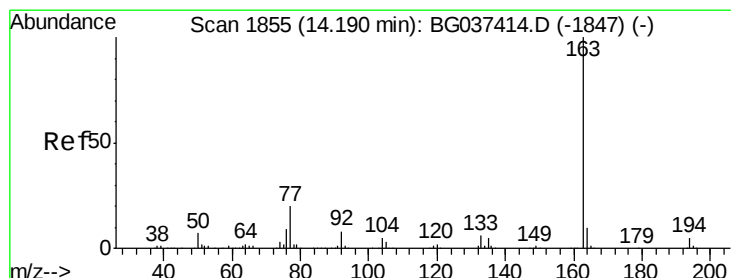
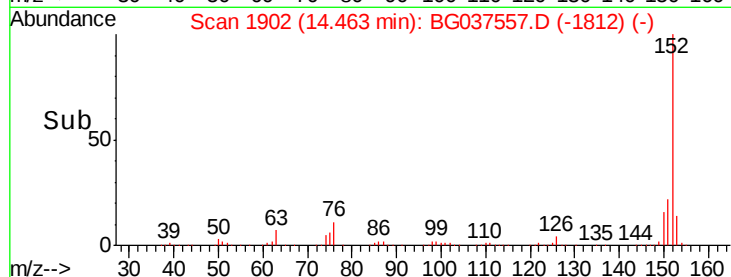
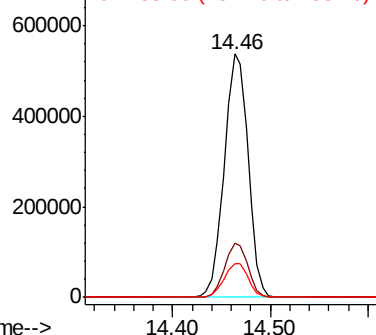
Tot Ion:	152	Resp:	917538
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.0	11.1	16.7

Manual Integrations
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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: 46.403 ng

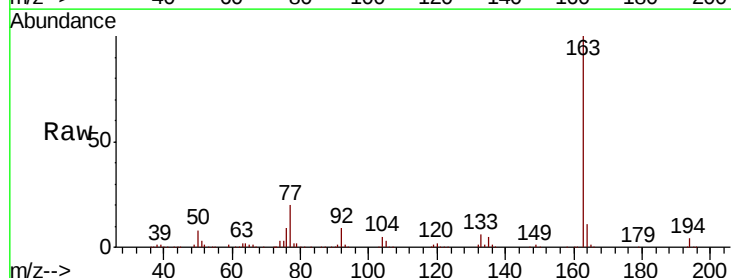
RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

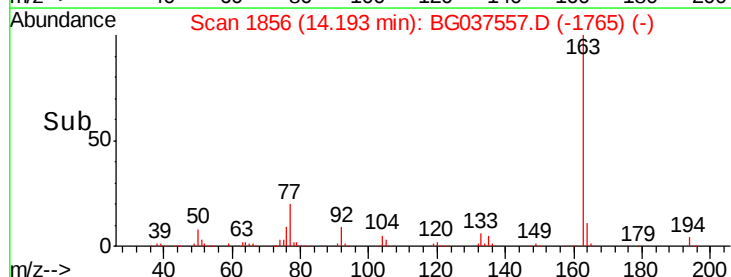
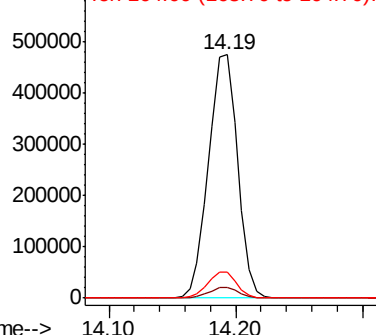
Lab File: BG037557.D

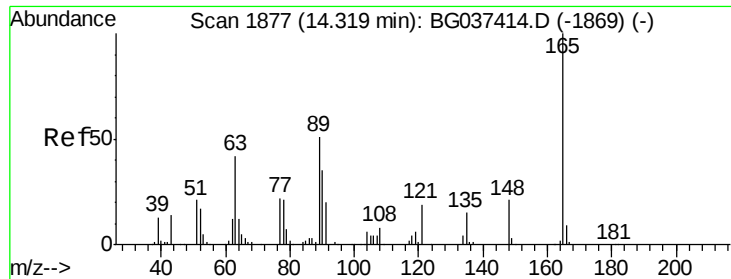
Acq: 25 Oct 2018 22:53

Tgt Ion:	163	Resp:	757057
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.8	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





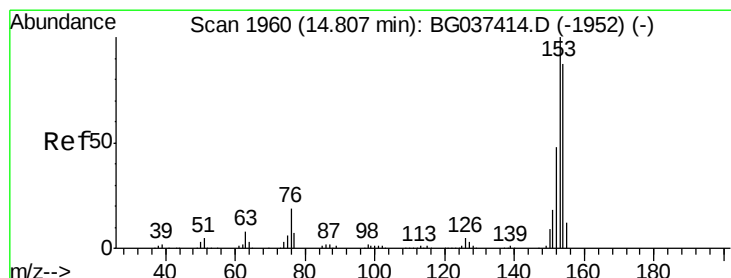
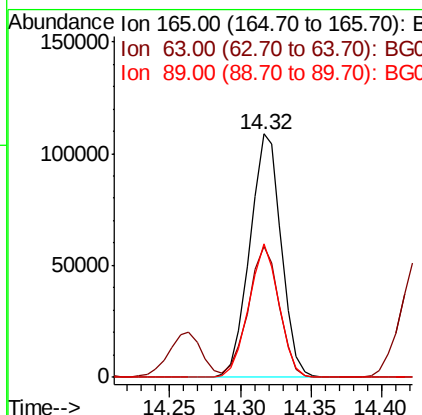
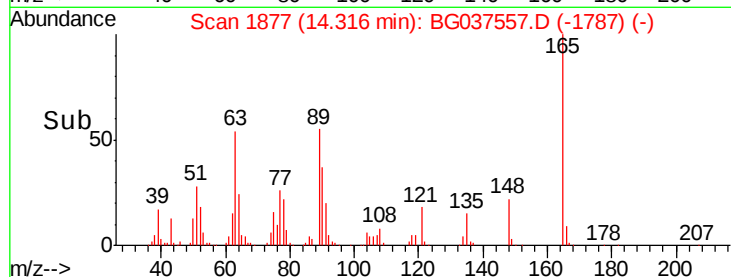
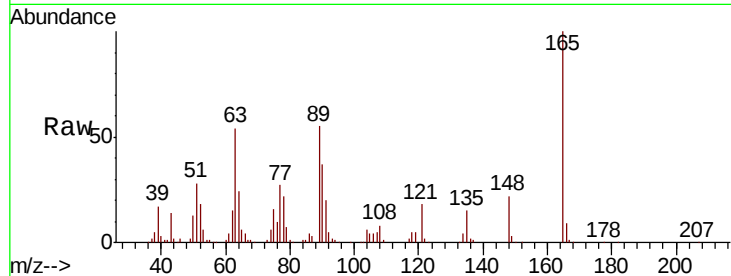
#51
 2,6-Dinitrotoluene
 Concen: 47.117 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.8	43.4	65.2
89	55.0	45.8	68.6

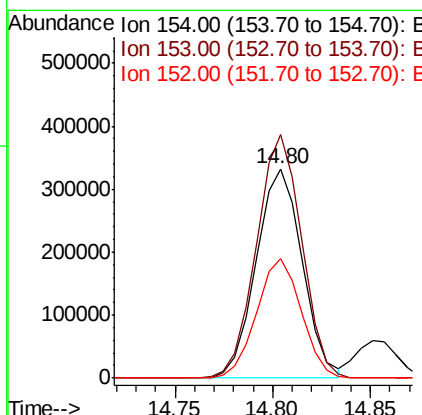
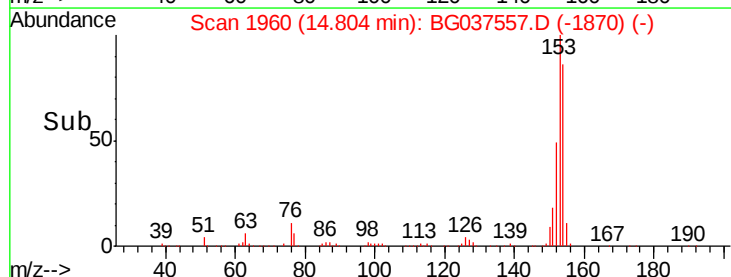
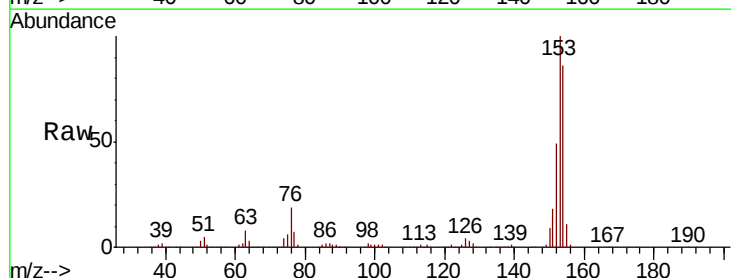
Manual Integrations
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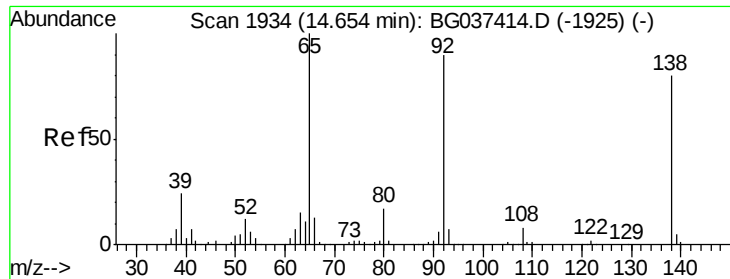
Sohil
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#52
 Acenaphthene
 Concen: 44.355 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	116.1	93.4	140.0
152	57.1	44.7	67.1





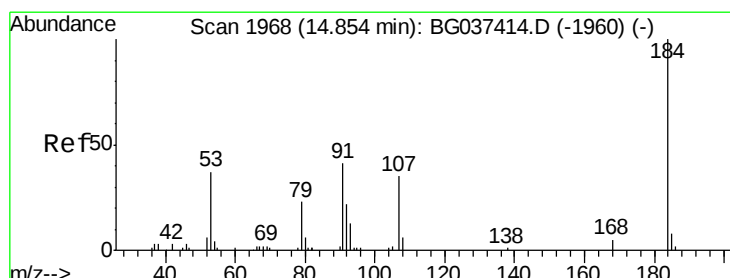
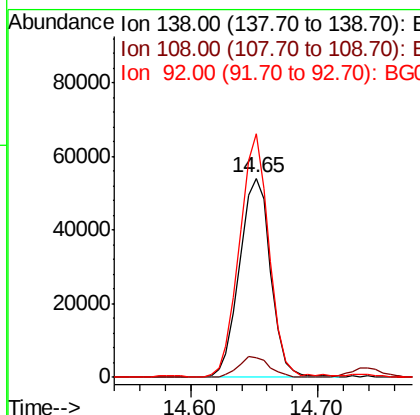
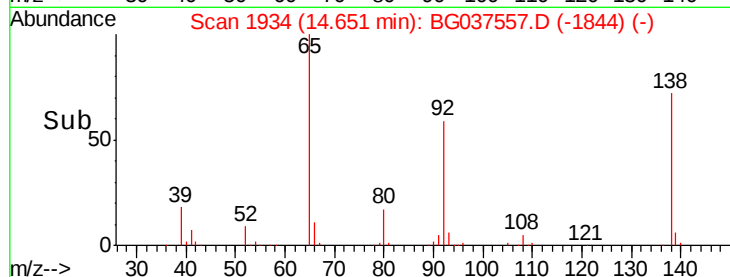
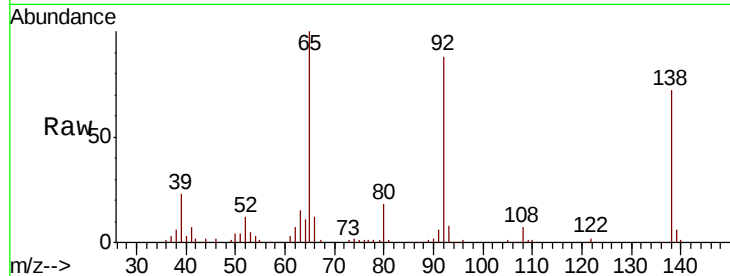
#53
3-Nitroaniline
Concen: 23.114 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	11.0	16.6#
92	122.3	95.2	142.8

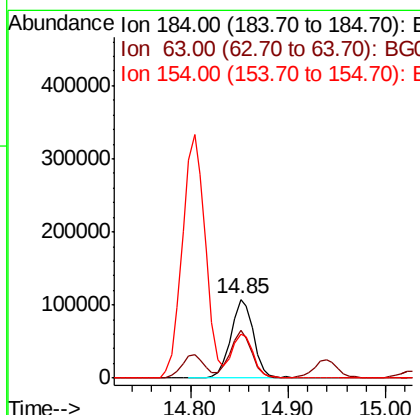
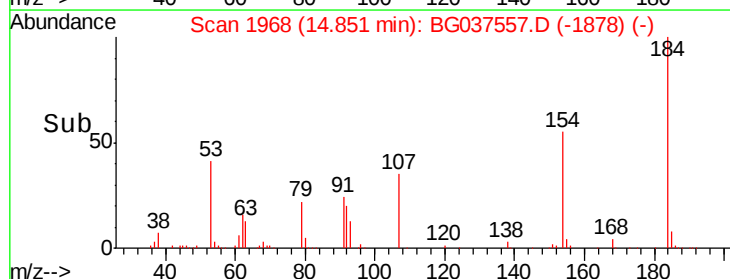
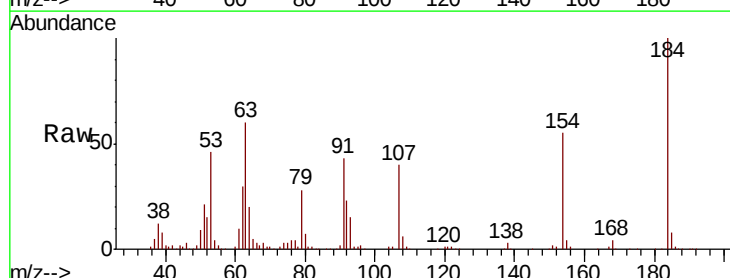
Manual Integrations
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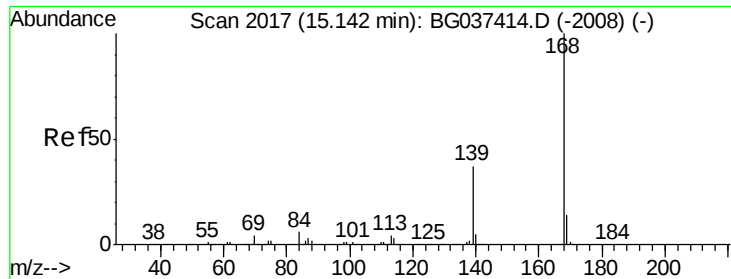
Sohil
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#54
2,4-Dinitrophenol
Concen: 96.209 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	42.6	63.8
154	55.4	41.8	62.6





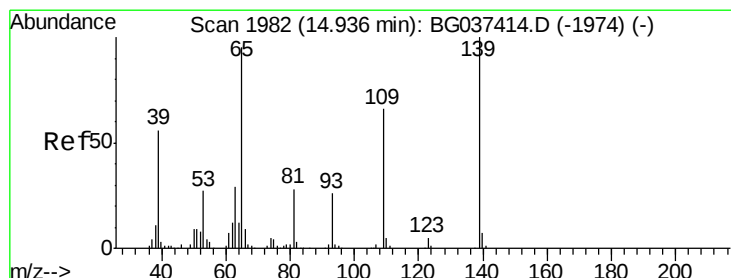
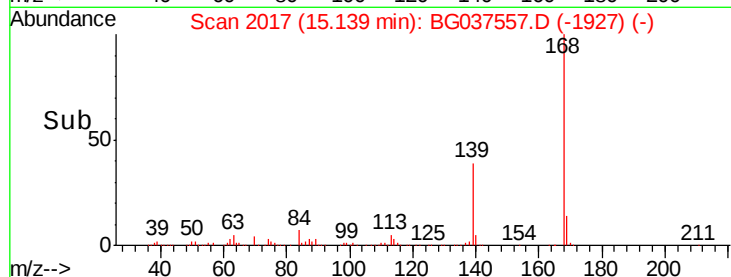
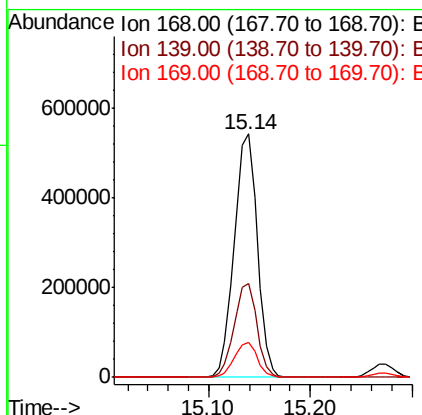
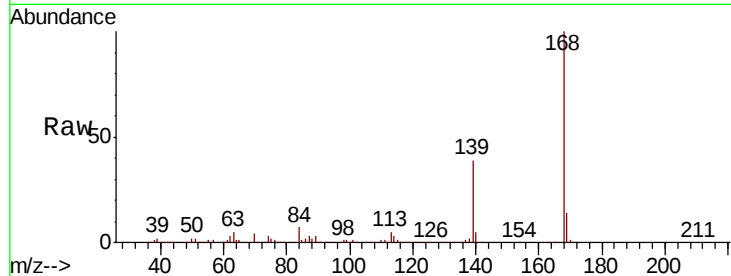
#55
Dibenzenofuran
Concen: 42.432 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.4	44.0
169	14.3	11.0	16.6

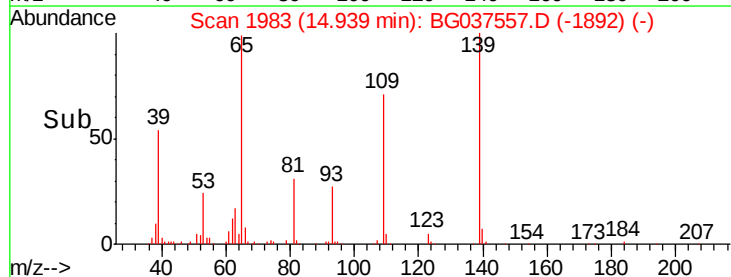
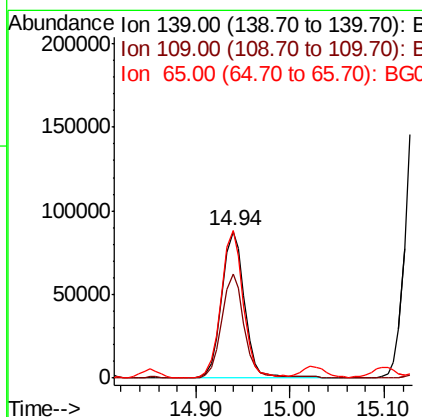
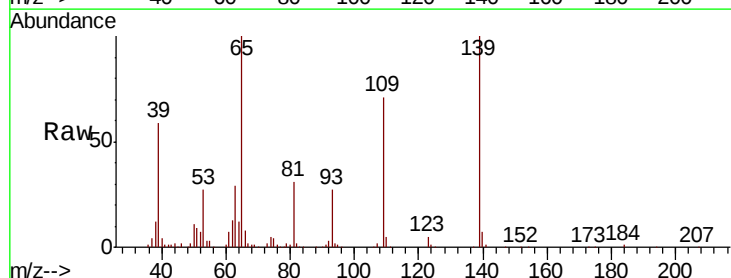
Manual Integrations
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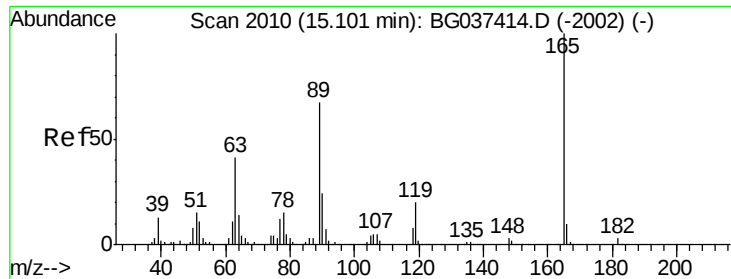
Sohil
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#56
4-Nitrophenol
Concen: 50.513 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	49.5	89.5
65	100.3	76.8	116.8





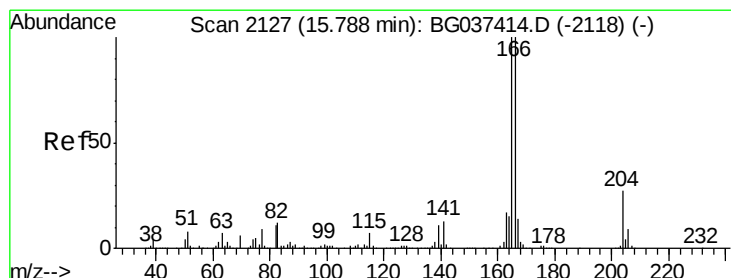
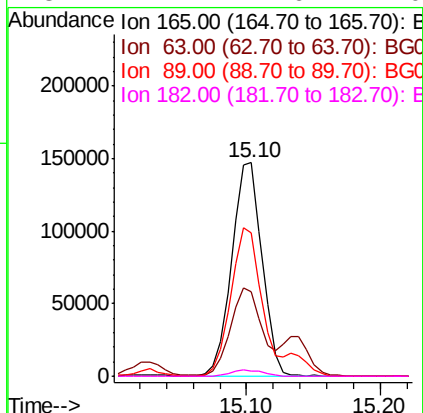
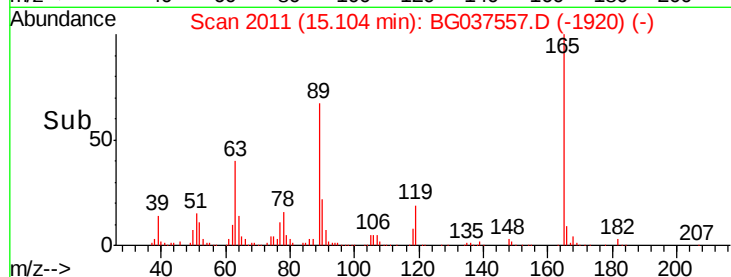
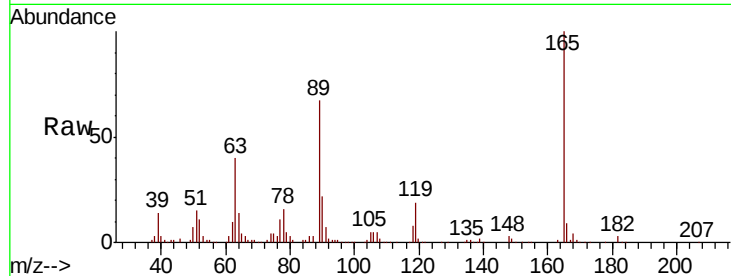
#57
2,4-Dinitrotoluene
Concen: 49.151 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	33.4	50.0
89	67.4	57.2	85.8
182	2.7	2.6	4.0

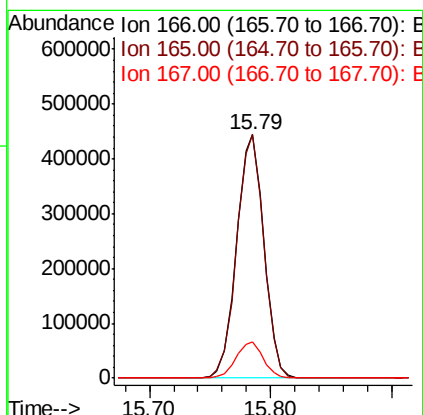
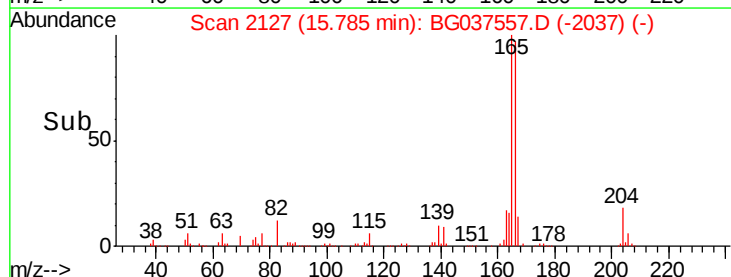
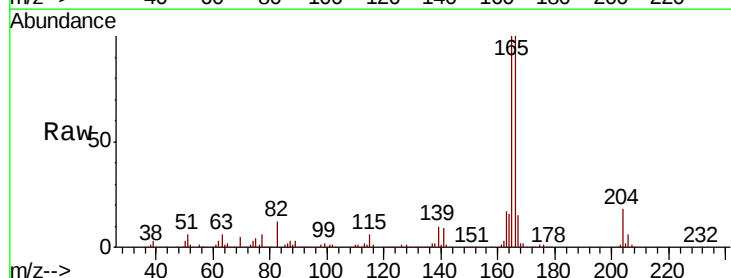
Manual Integrations
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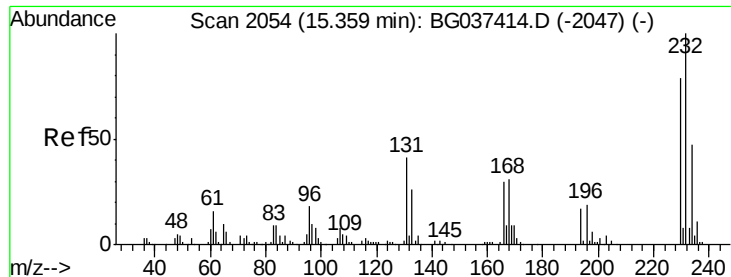
Sohil
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#58
Fluorene
Concen: 46.057 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.6
167	15.1	11.3	16.9





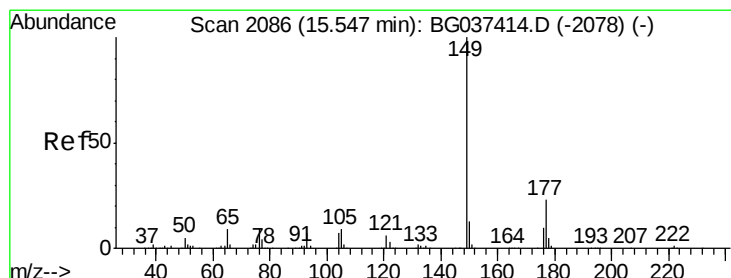
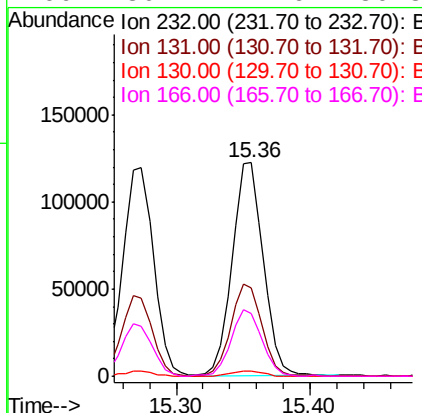
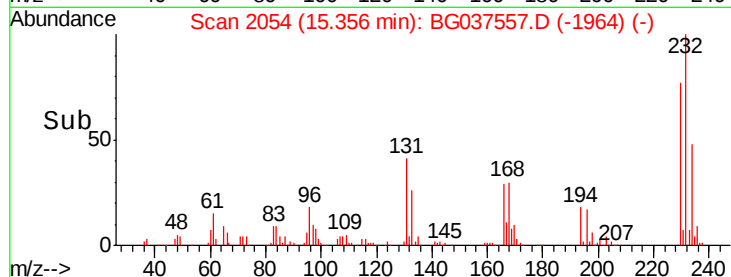
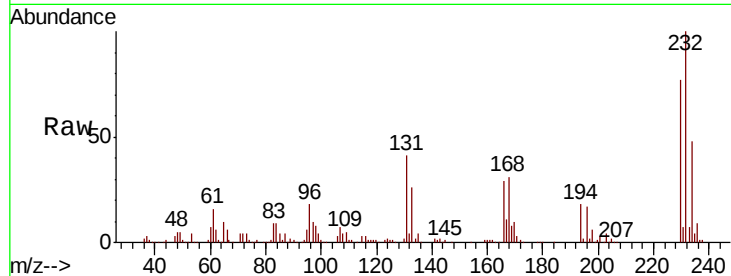
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.724 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197945		
131	43.1	33.7	50.5	
130	2.5	2.1	3.1	
166	30.7	24.6	36.8	

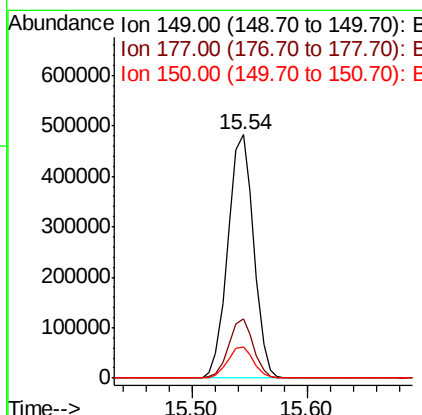
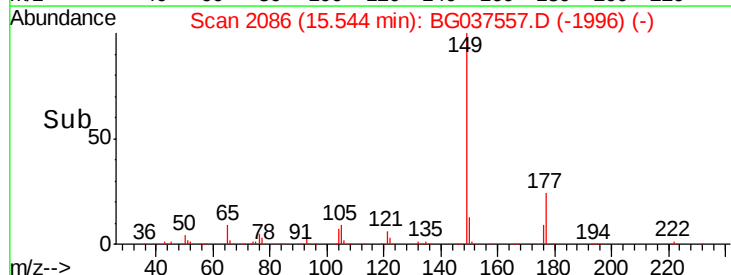
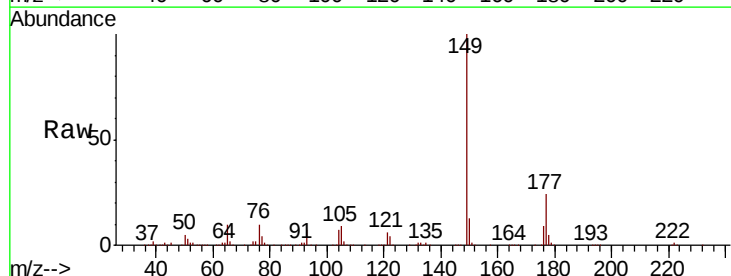
Manual Integrations
 APPROVED

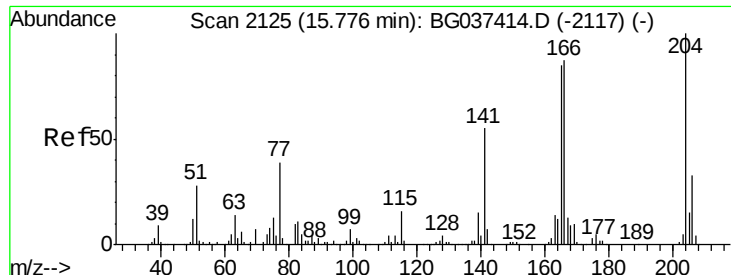
Sohil
 10/26/2018 3:46:46 PM



#60
 Diethylphthalate
 Concen: 44.237 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	740956		
177	24.3	18.3	27.5	
150	13.0	10.0	15.0	





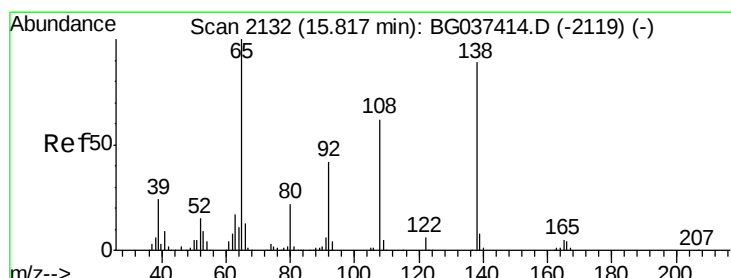
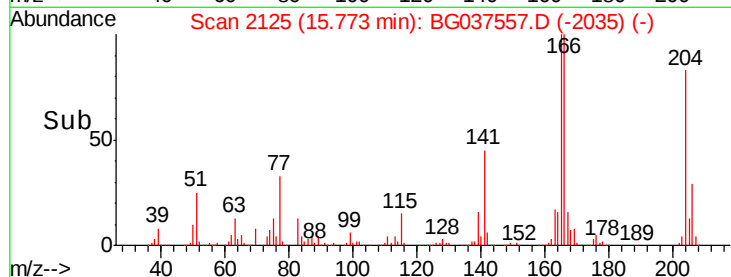
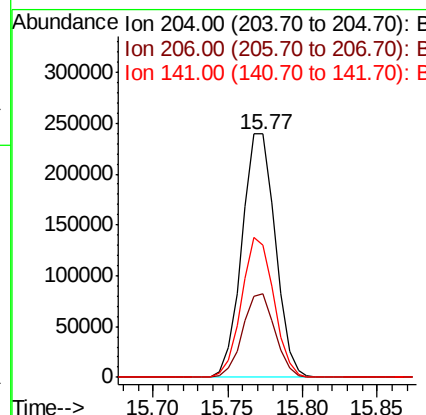
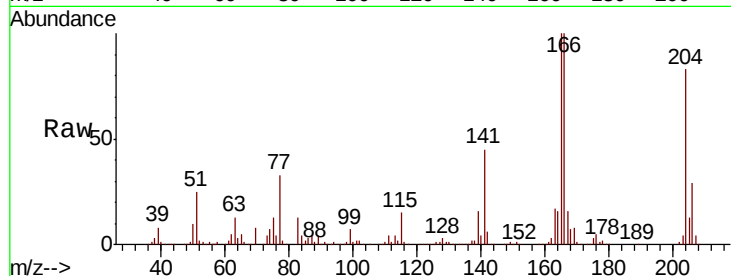
#61
4-Chlorophenyl-phenylether
Concen: 41.959 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	54.5	45.4	68.2

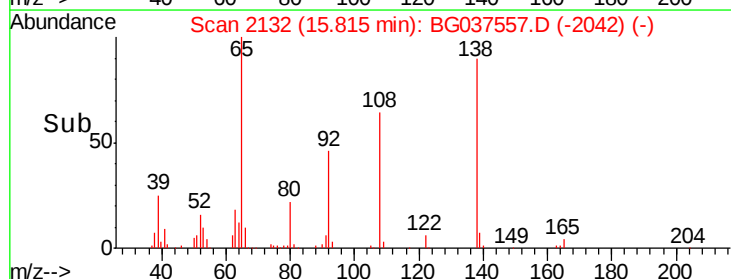
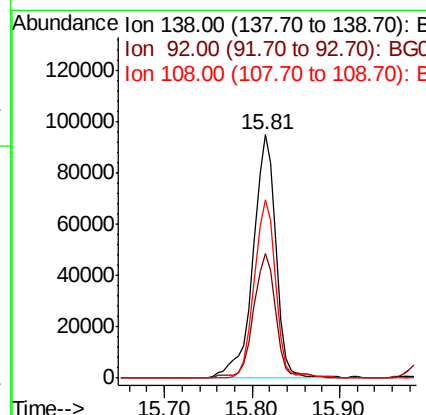
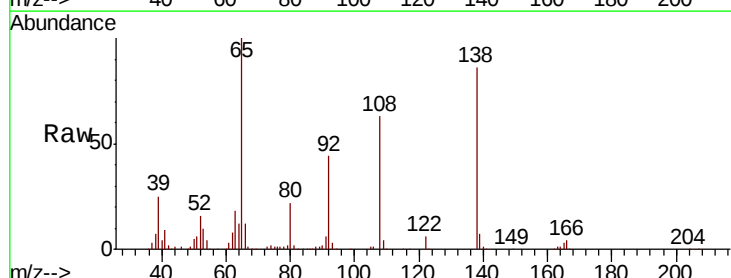
Manual Integrations
APPROVED

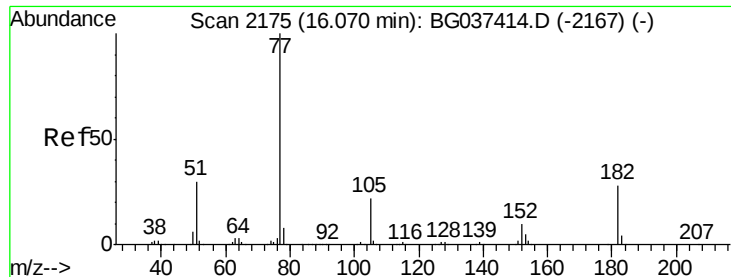
Sohil
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#62
4-Nitroaniline
Concen: 41.974 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	36.4	76.4
108	73.2	60.1	100.1





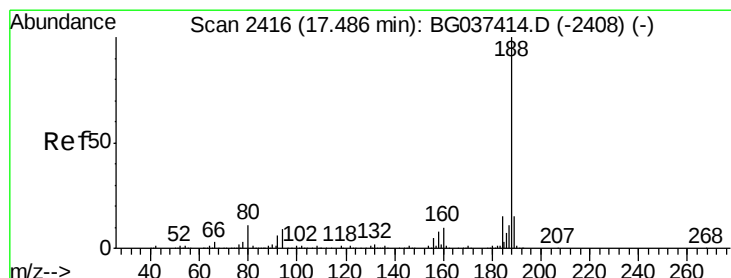
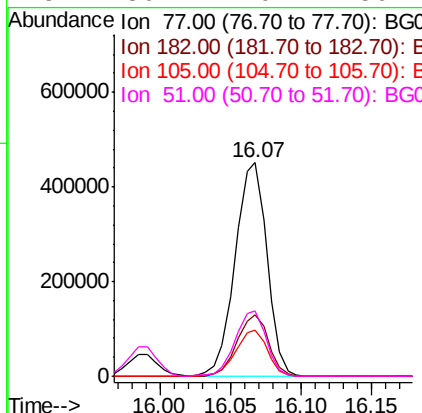
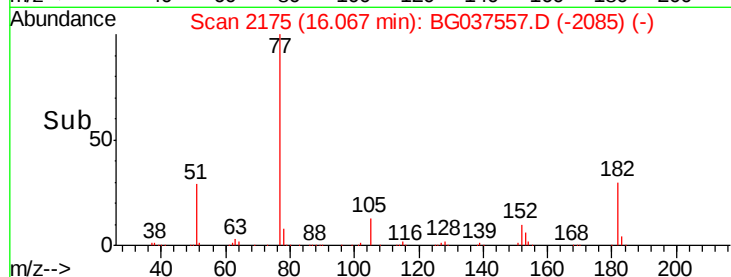
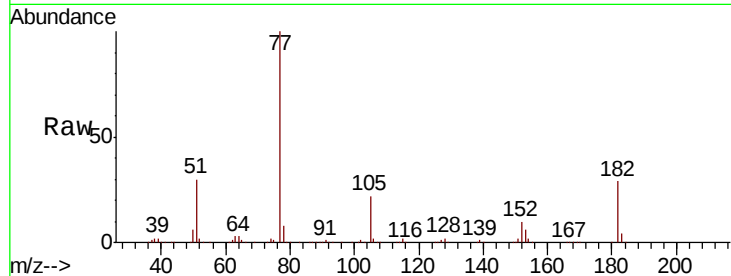
#63
Azobenzene
Concen: 44.310 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.9	8.0	48.0		
105	21.6	1.3	41.3		
51	30.4	10.7	50.7		

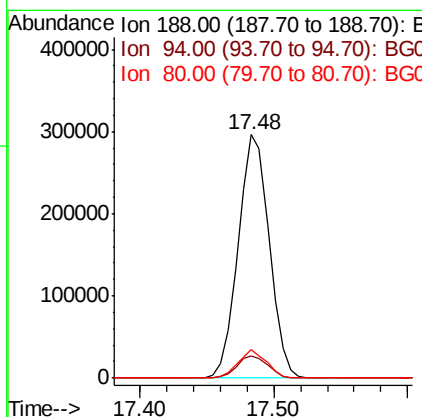
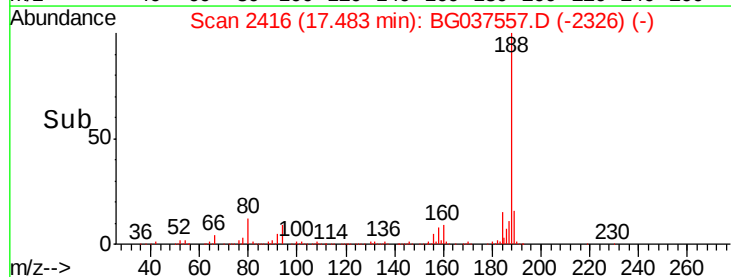
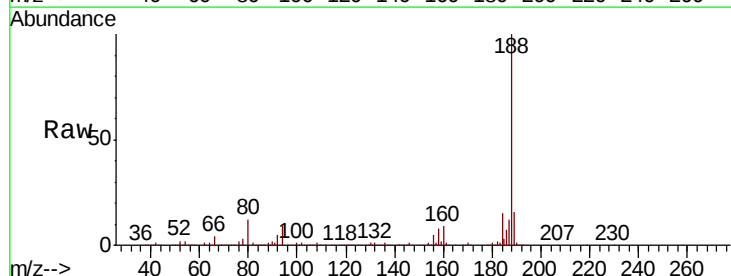
Manual Integrations
APPROVED

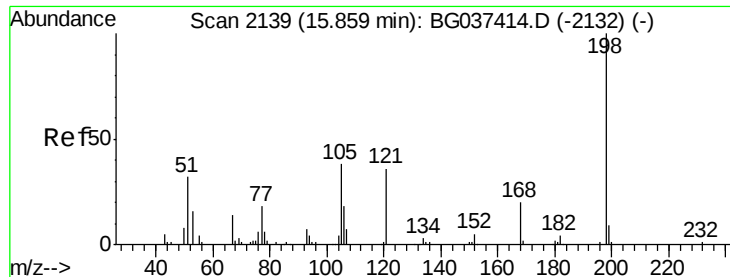
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	7.2	10.8		
80	11.6	7.7	11.5#		





#65

4,6-Dinitro-2-methylphenol

Concen: 49.690 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

RAV-GT104MSD

Tot Ion:198 Resp: 124703

Ion Ratio Lower Upper

198 100

51 40.0 22.7 62.7

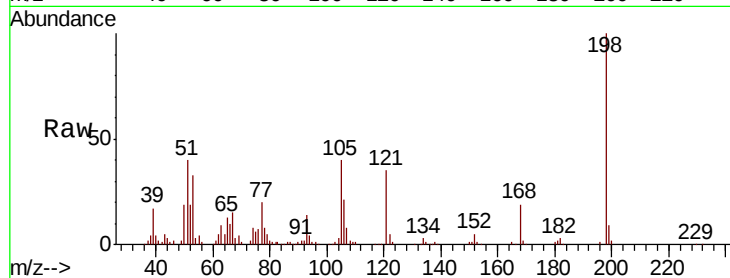
105 39.6 19.7 59.7

Manual Integrations

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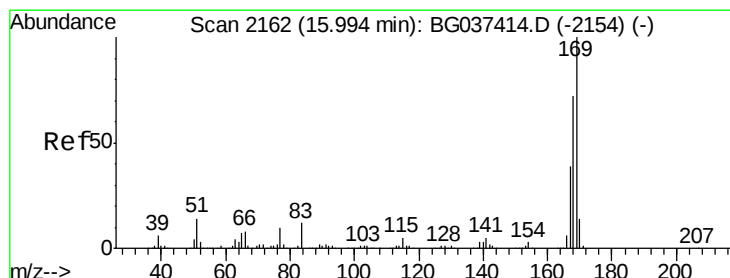
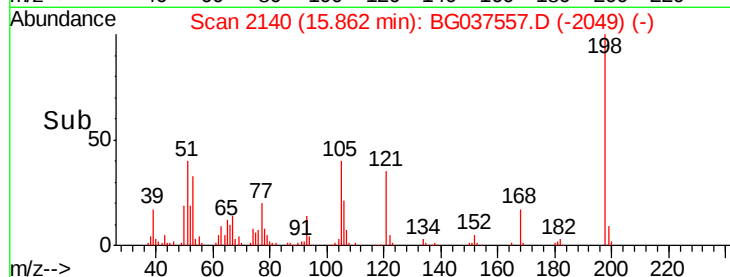
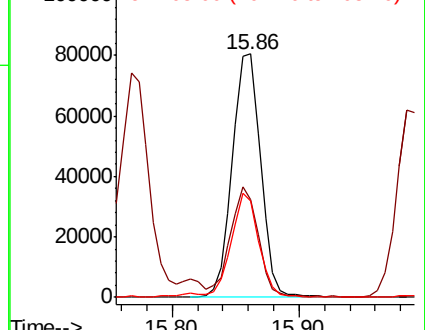
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.395 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

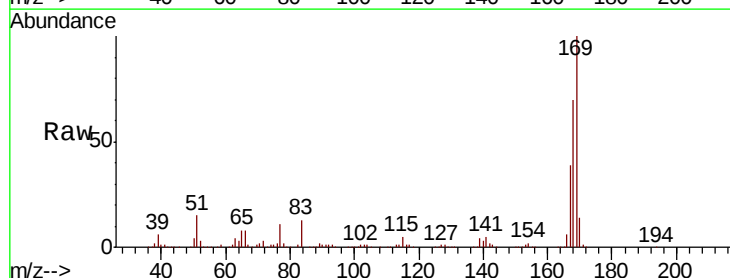
Tgt Ion:169 Resp: 634007

Ion Ratio Lower Upper

169 100

168 69.9 55.7 83.5

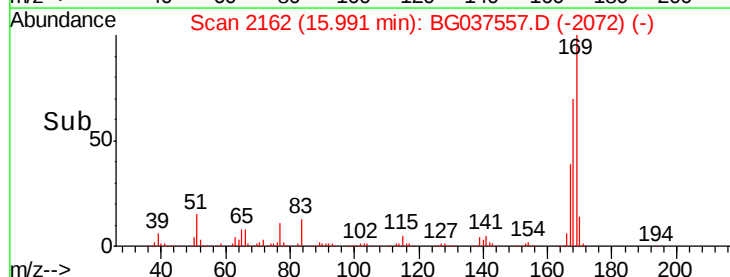
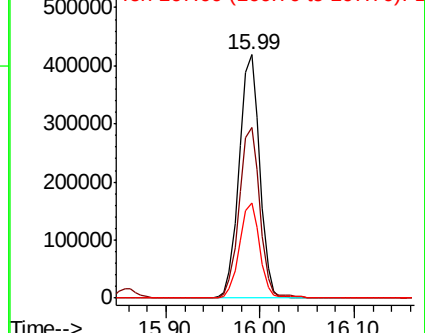
167 39.2 31.3 46.9

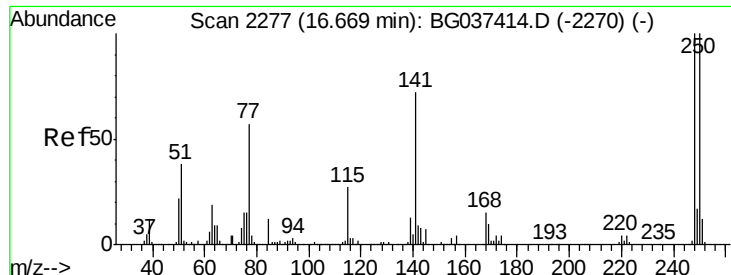


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





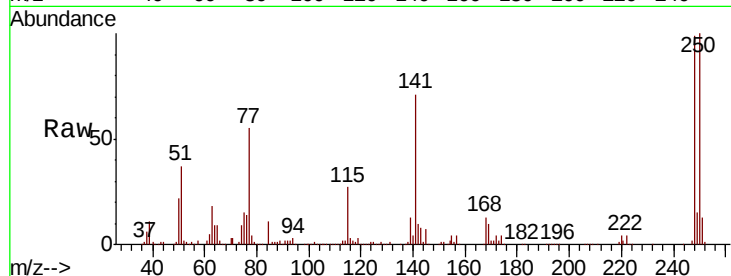
#67
4-Bromophenyl-phenylether
Concen: 44.409 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.0	115.6
141	71.6	55.5	83.3

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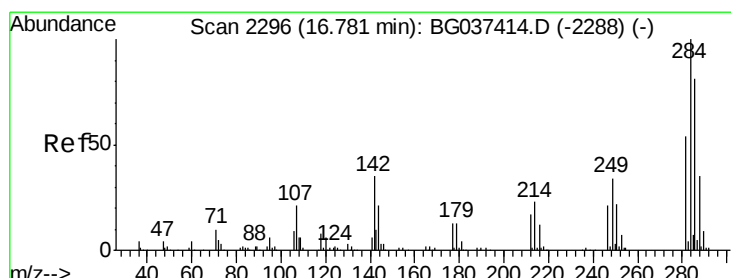
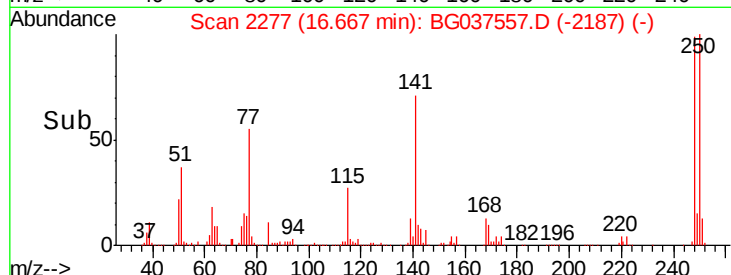
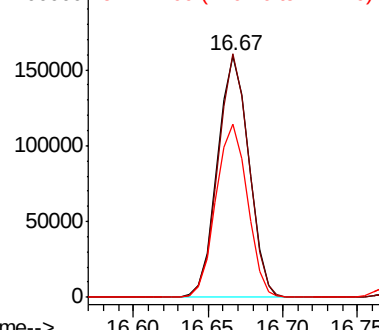


Abundance

Ion 248.00 (247.70 to 248.70): E

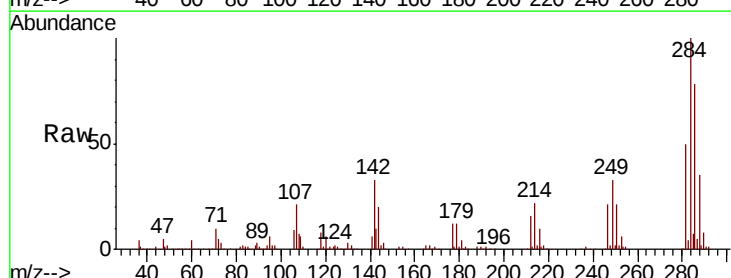
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.121 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.1	42.1
249	35.2	29.8	44.8

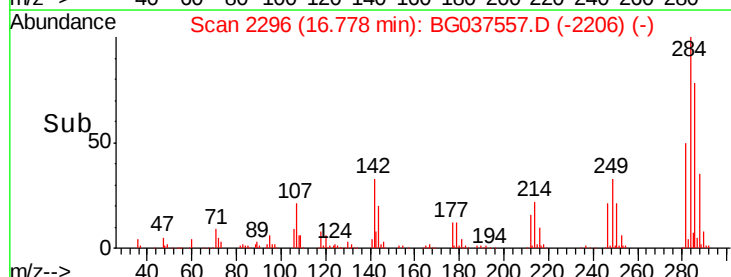
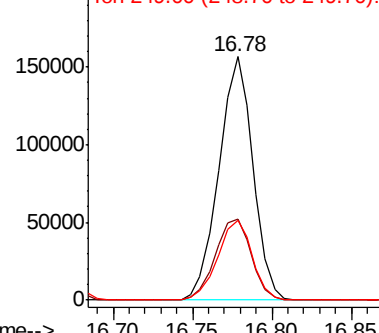


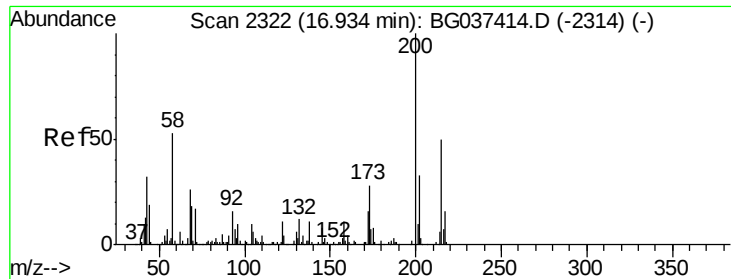
Abundance

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





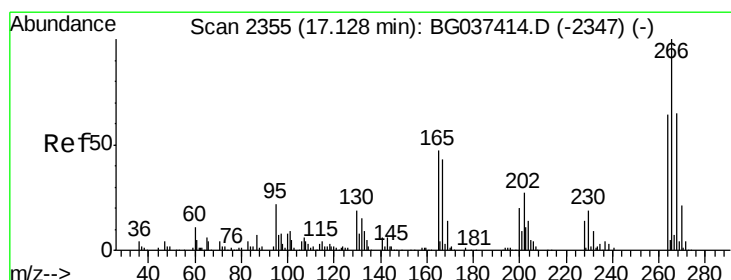
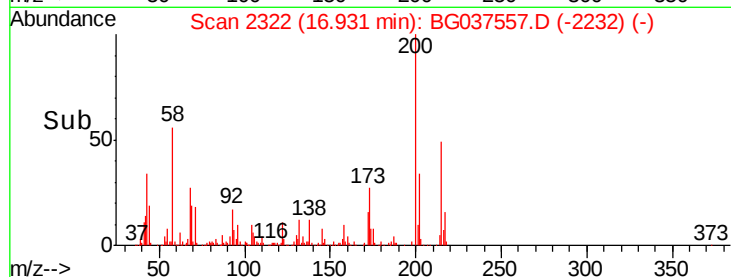
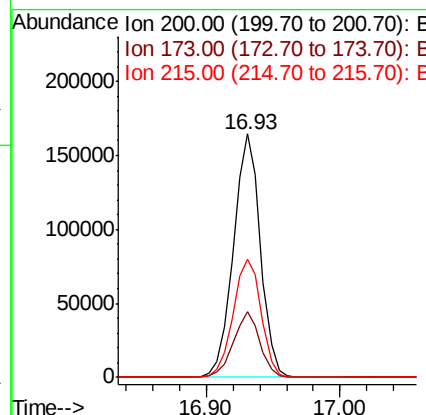
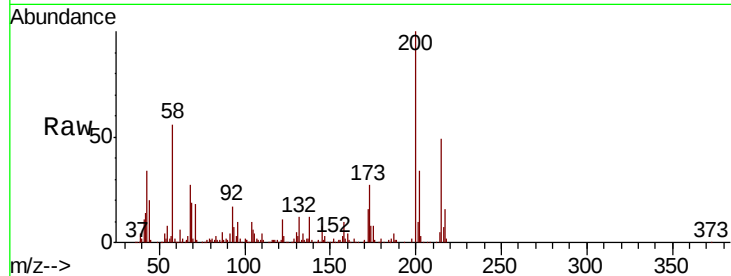
#69
Atrazine
Concen: 44.825 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.1	46.1
215	48.8	30.8	70.8

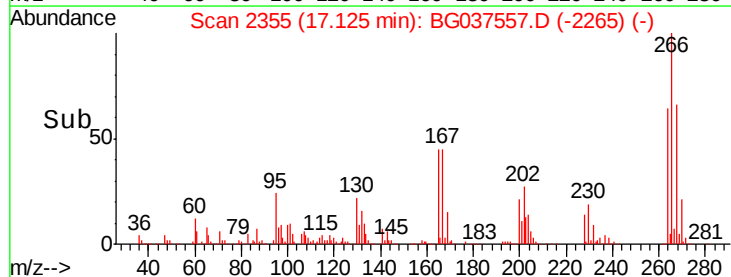
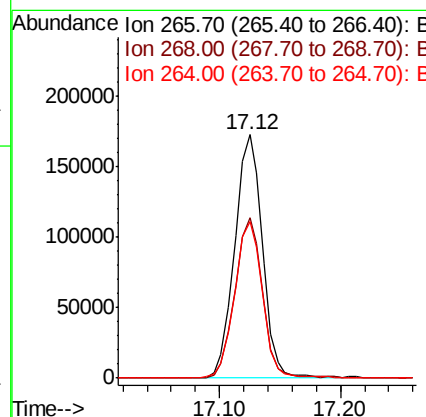
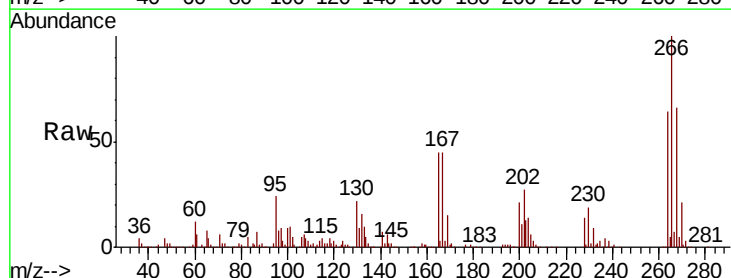
Manual Integrations
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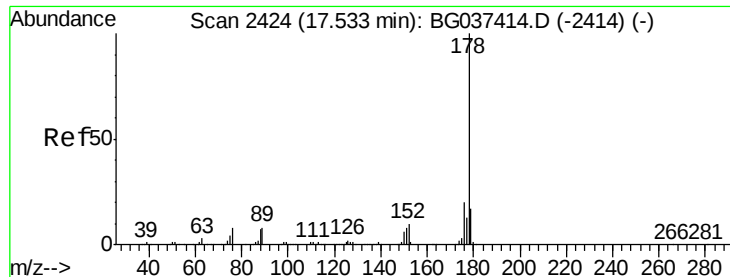
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#70
Pentachlorophenol
Concen: 76.470 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	70.2	55.0	82.6
264	69.7	58.9	88.3





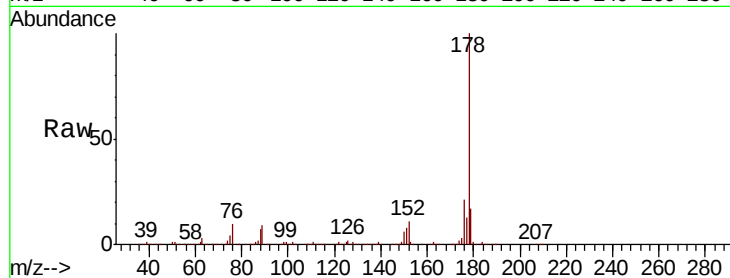
#71
Phenanthrene
Concen: 45.788 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

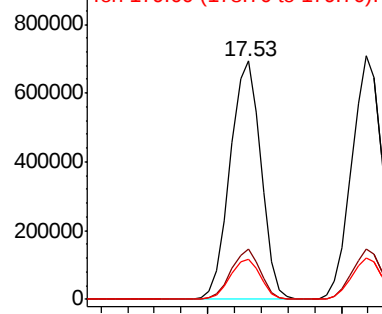
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.1	24.1
179	16.7	13.0	19.4

Manual Integrations
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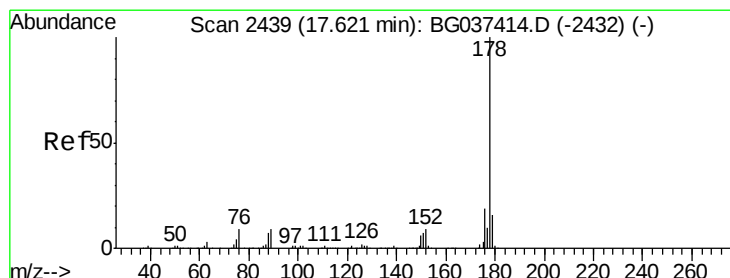
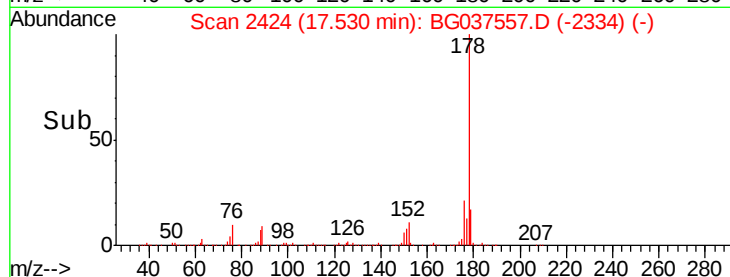
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



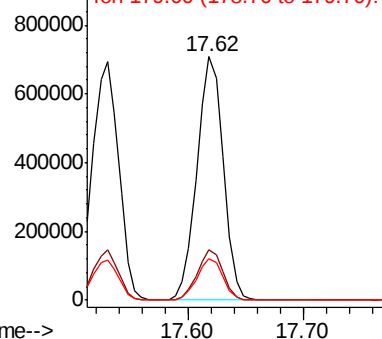
Time-->



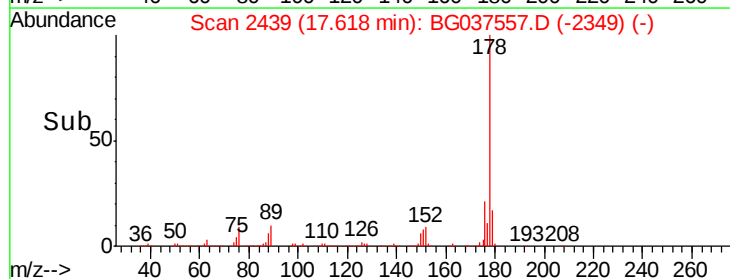
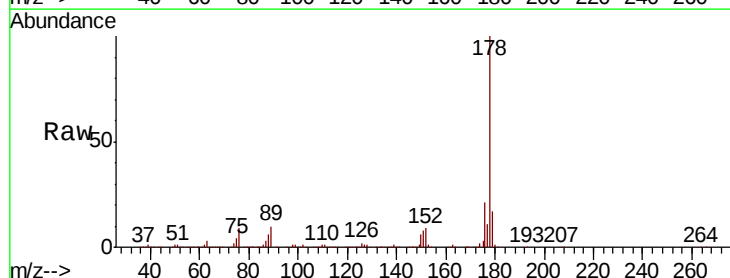
#72
Anthracene
Concen: 47.117 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.0	22.4
179	17.0	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





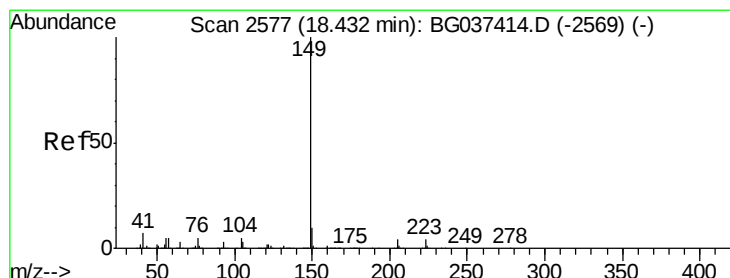
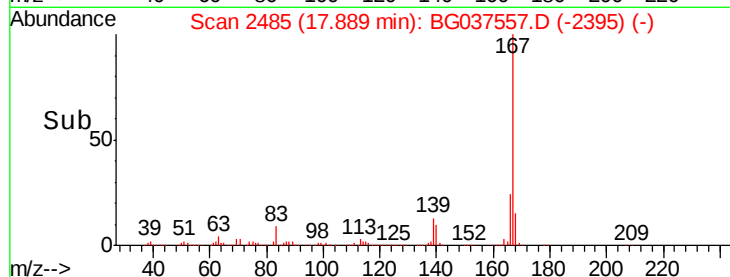
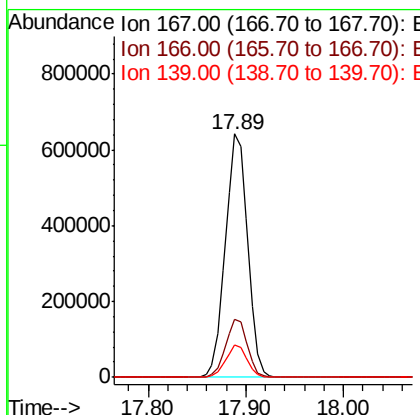
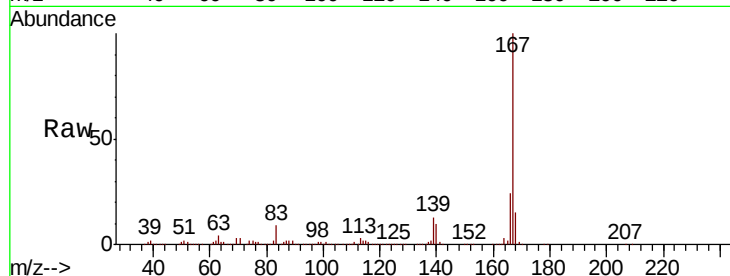
#73
 Carbazole
 Concen: 42.894 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.4	10.5	15.7

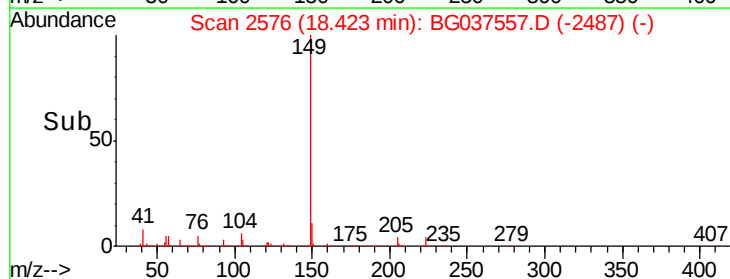
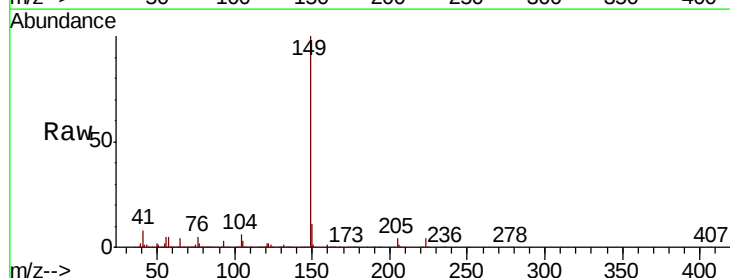
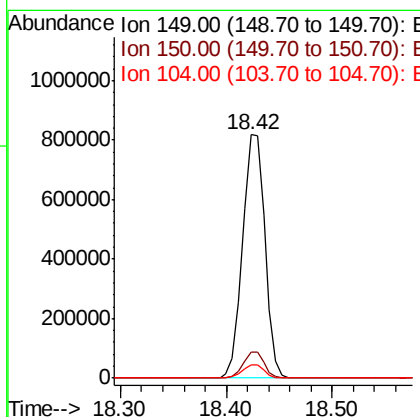
Manual Integrations
 APPROVED

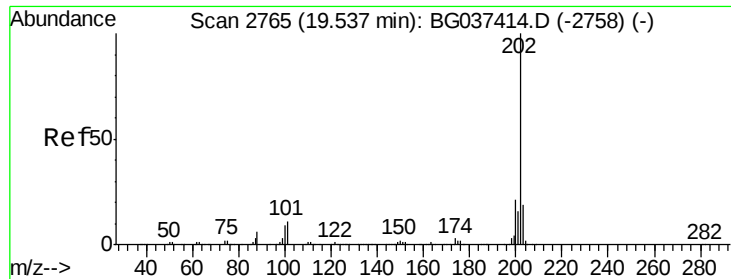
Sohil
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#74
 Di-n-butylphthalate
 Concen: 45.447 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 45.725 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

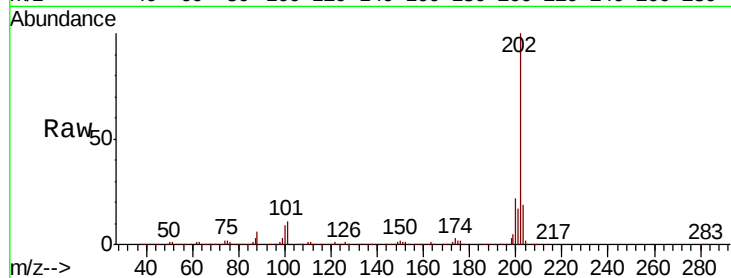
ClientSampleId :

RAV-GT104MSD

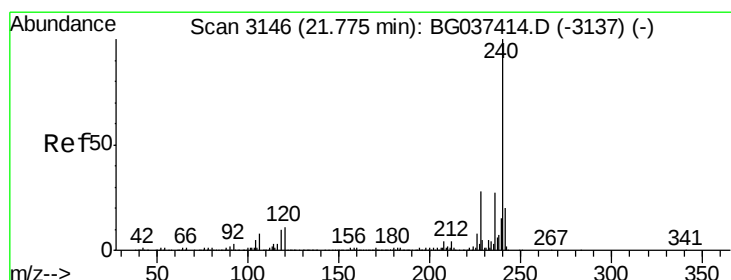
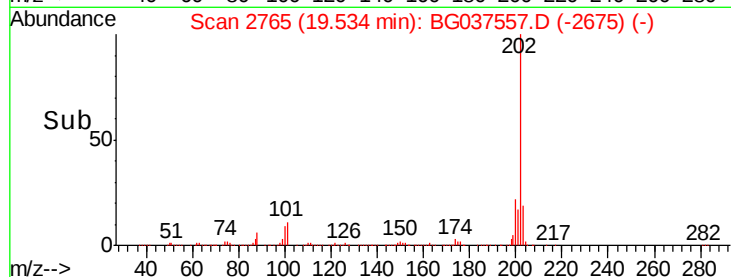
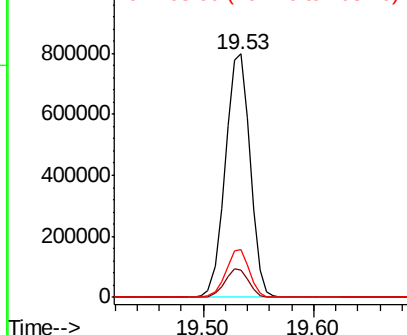
Tot Ion:	202	Resp:	1251358
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	19.5	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

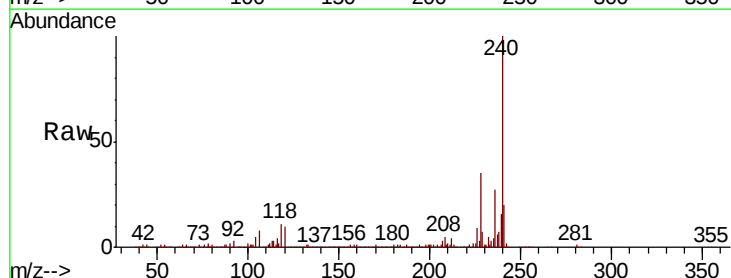
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

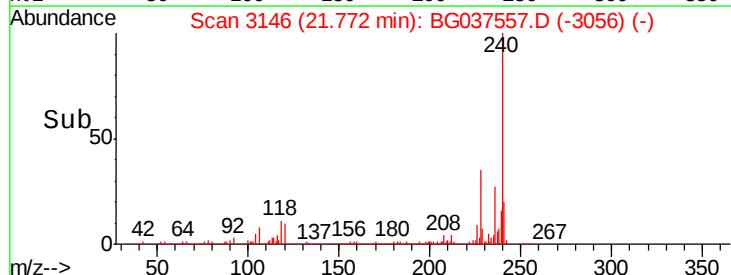
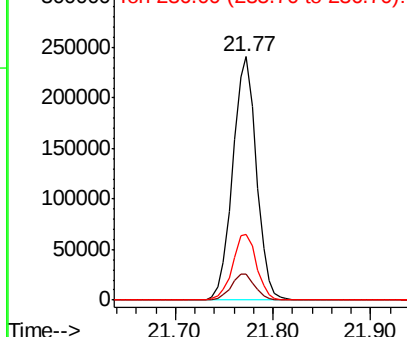
Lab File: BG037557.D

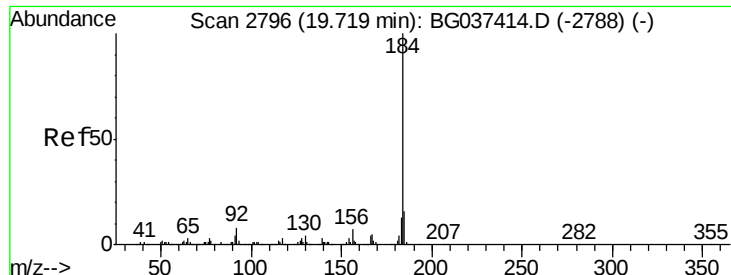
Acq: 25 Oct 2018 22:53

Tgt Ion:	240	Resp:	405881
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.9	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: 21.511 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

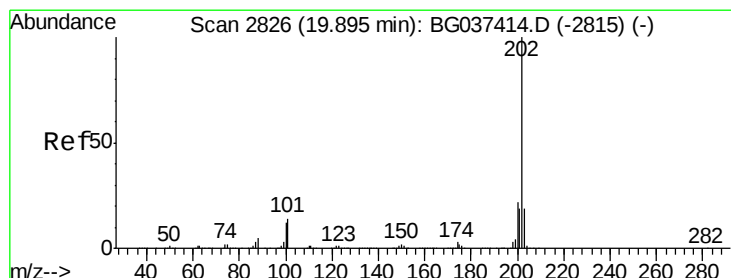
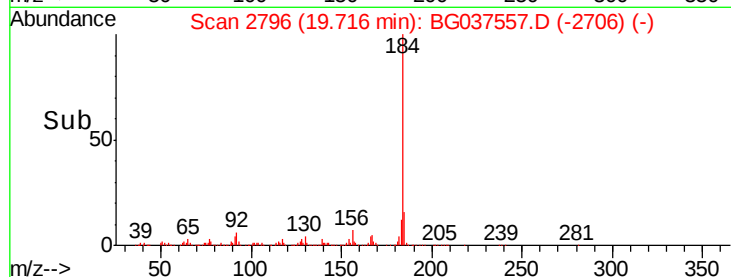
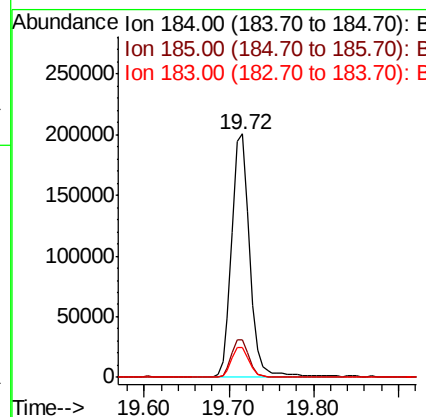
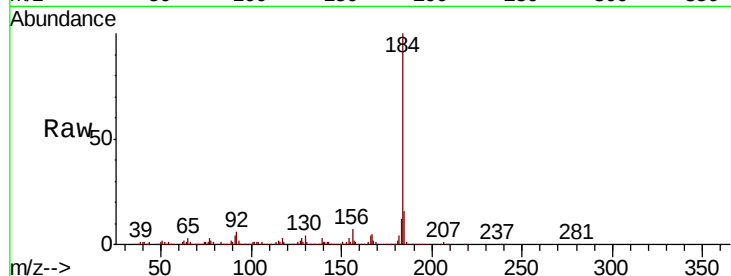
ClientSampleId :

RAV-GT104MSD

Tot Ion:	184	Resp:	296873
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	12.5	10.2	15.2

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#78

Pyrene

Concen: 46.797 ng

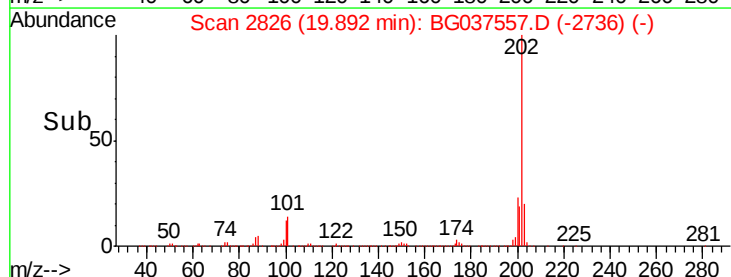
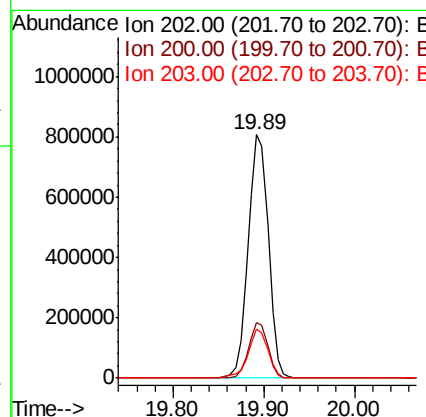
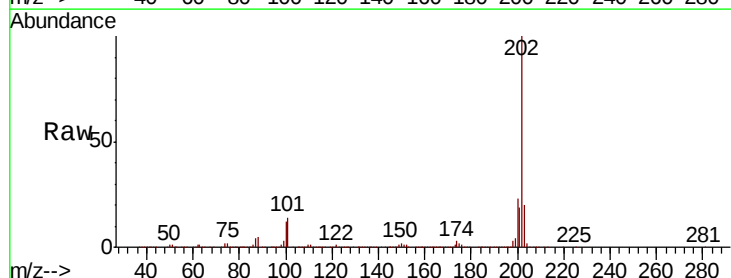
RT: 19.89 min Scan# 2826

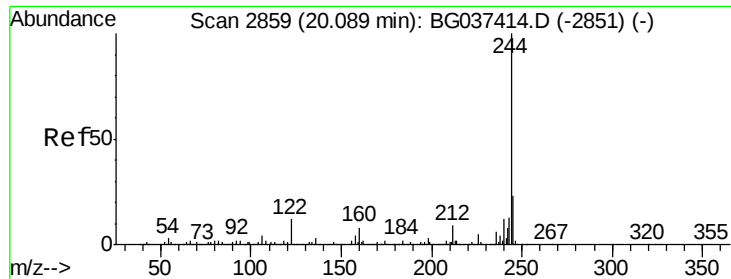
Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	202	Resp:	1241659
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.6
203	20.1	15.2	22.8





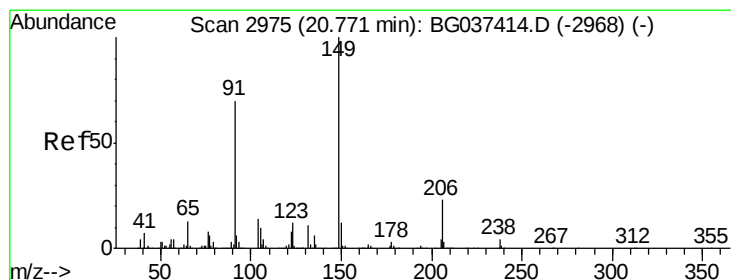
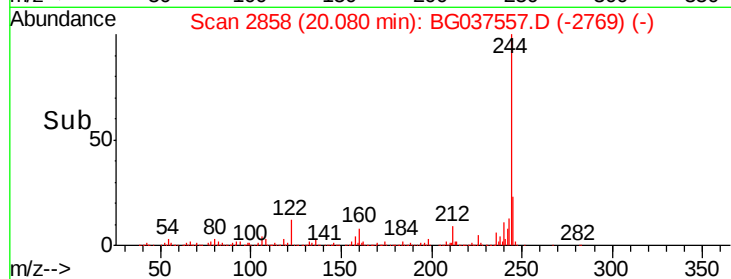
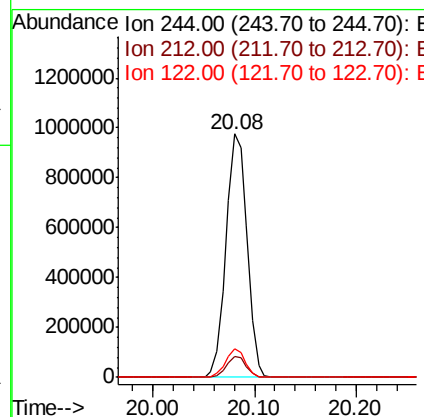
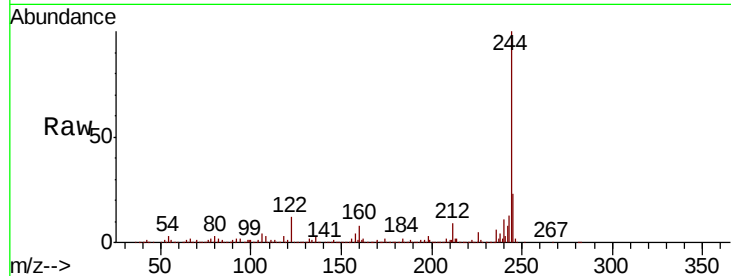
#79
 Terphenyl-d14
 Concen: 74.234 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.7	9.0	13.4

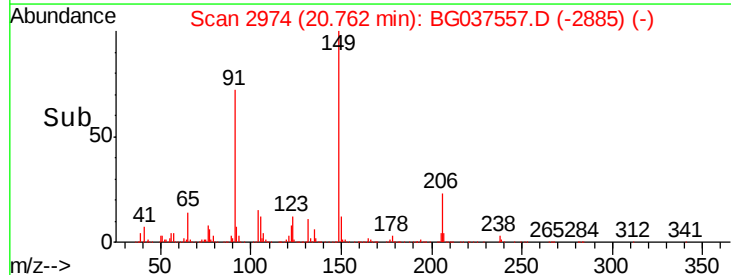
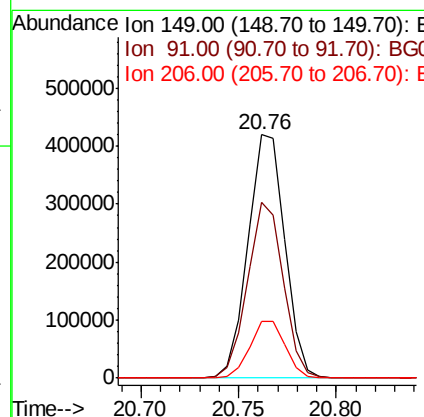
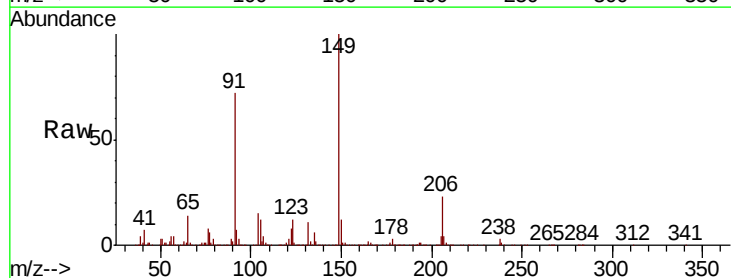
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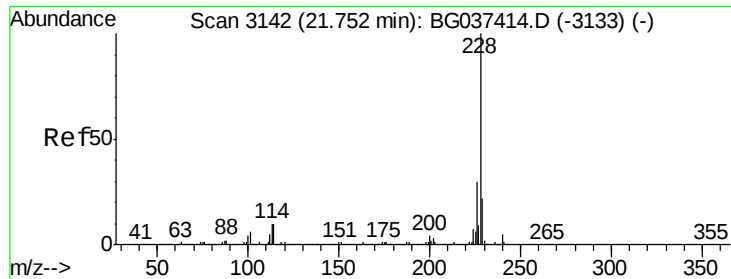
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#80
 Butylbenzylphthalate
 Concen: 50.618 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.0	85.4
206	23.2	17.8	26.6





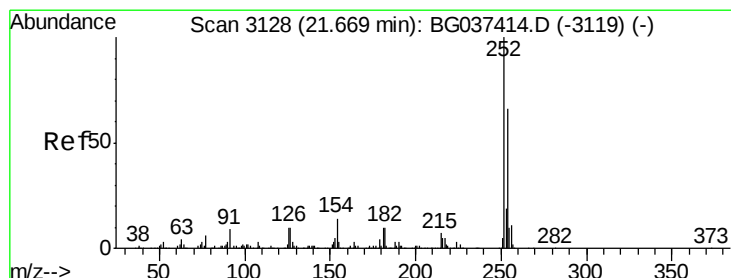
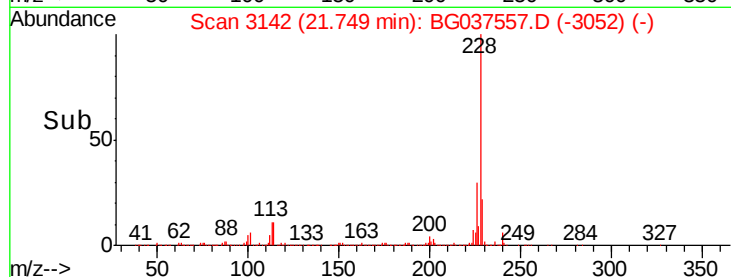
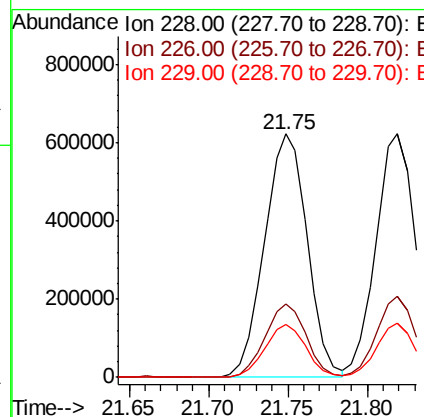
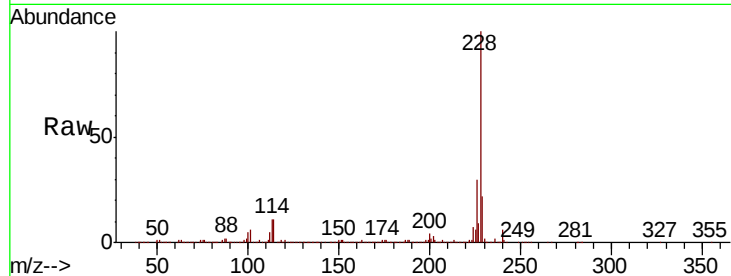
#81
Benzo(a)anthracene
Concen: 48.387 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.7	16.3	24.5

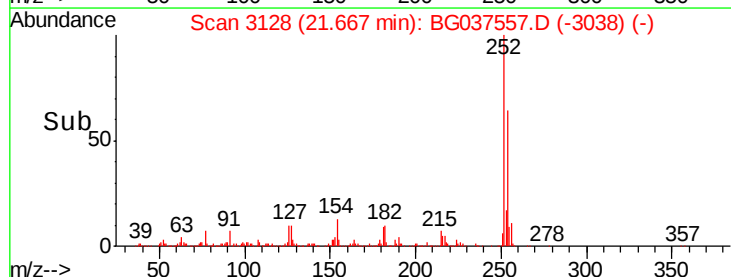
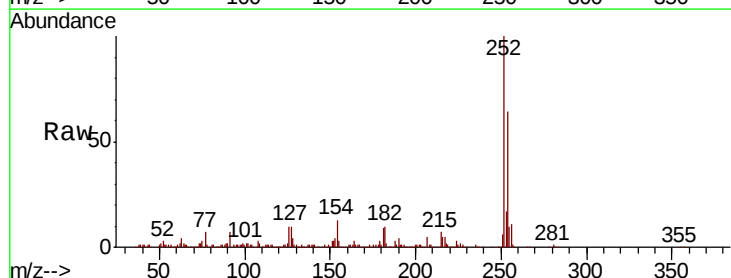
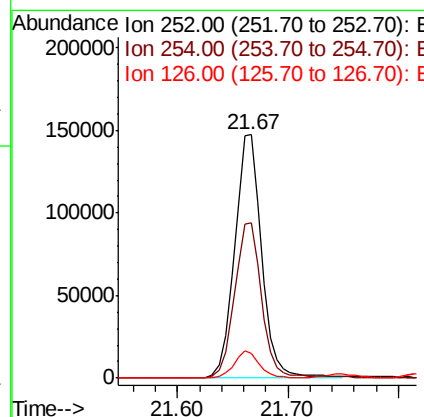
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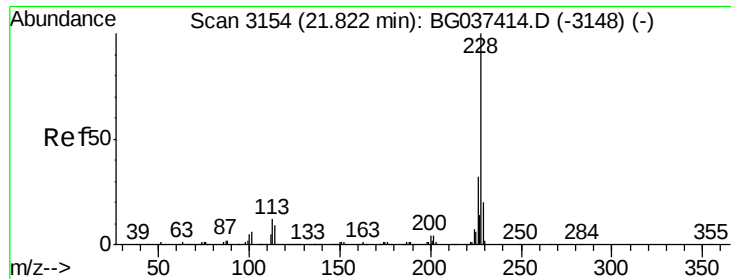
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#82
3,3'-Dichlorobenzidine
Concen: 27.245 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.3	8.2	12.4





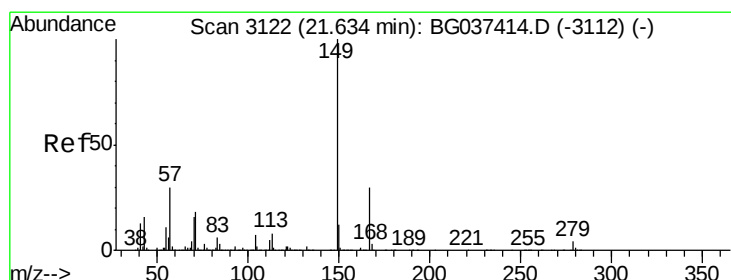
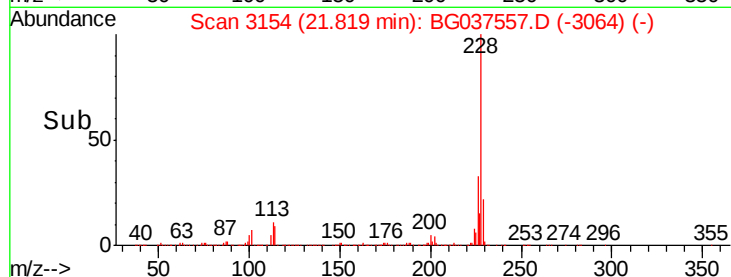
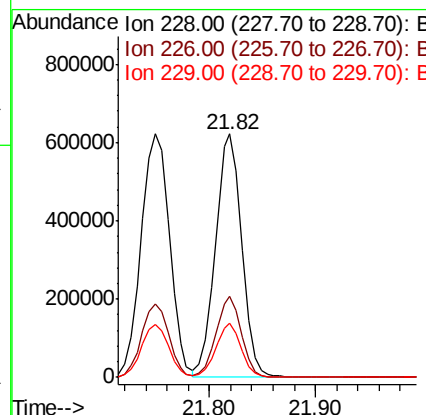
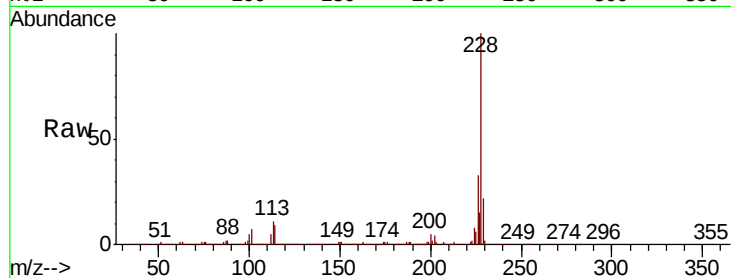
#83
 Chrysene
 Concen: 46.727 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	22.0	16.5	24.7

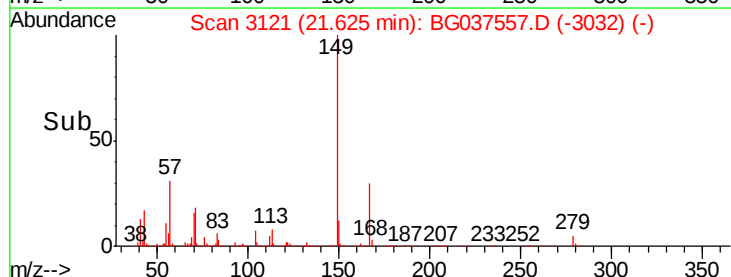
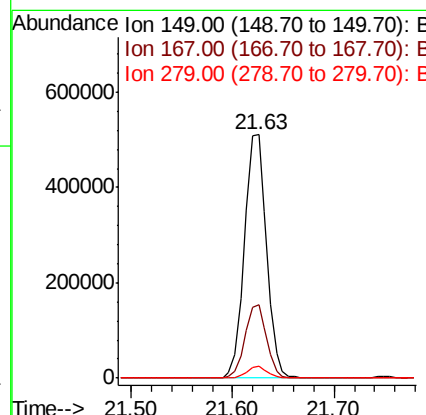
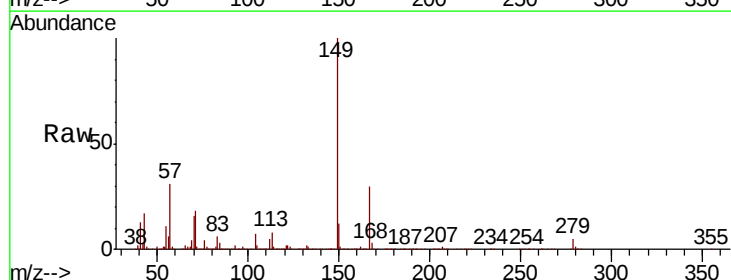
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.602 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.0	34.4
279	4.8	3.6	5.4





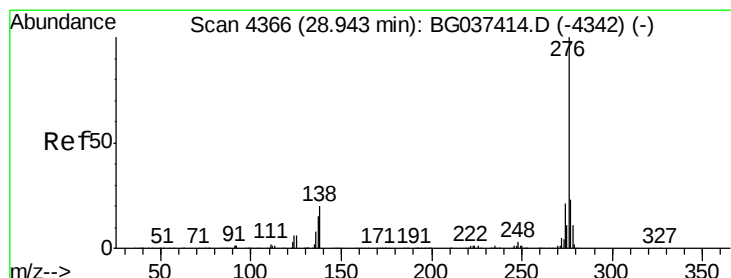
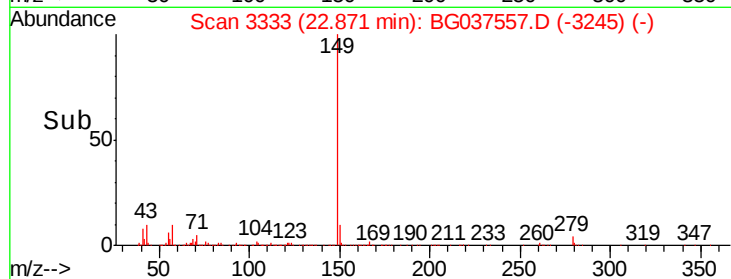
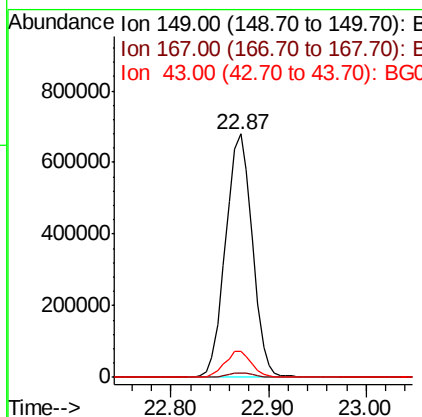
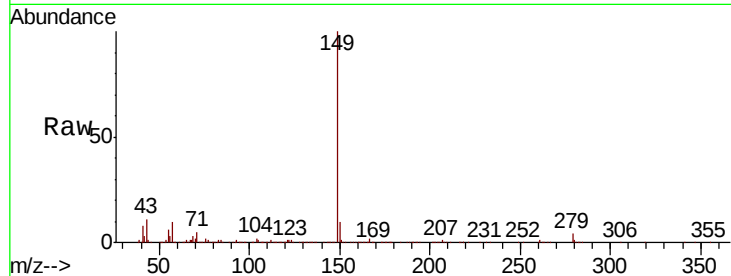
#85
Di-n-octyl phthalate
Concen: 51.933 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.4	8.7	13.1

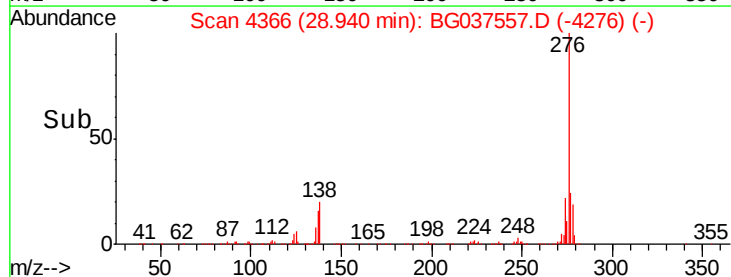
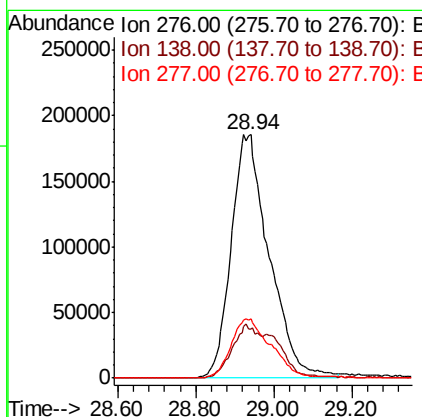
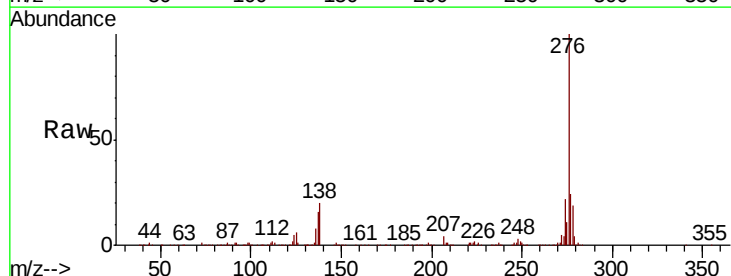
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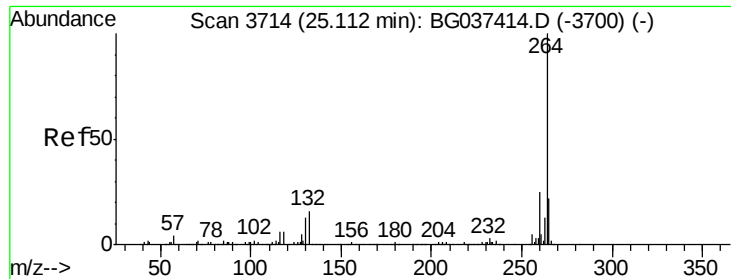
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.884 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.0	18.0
277	25.5	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: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

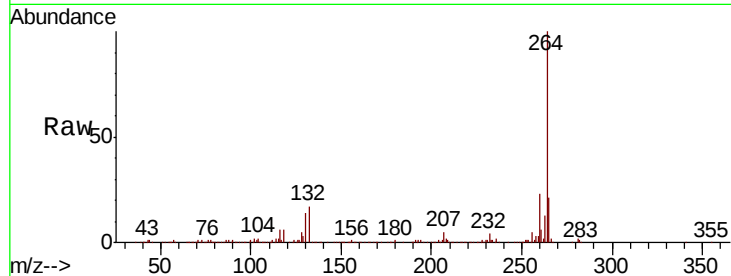
ClientSampleId :

RAV-GT104MSD

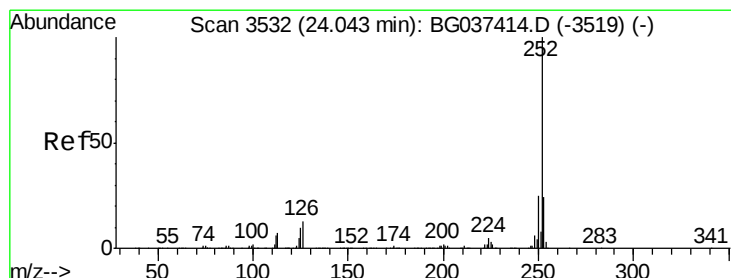
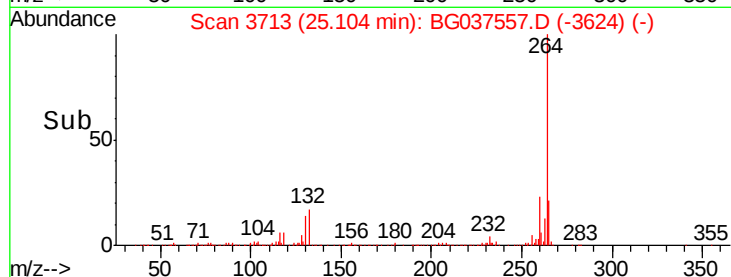
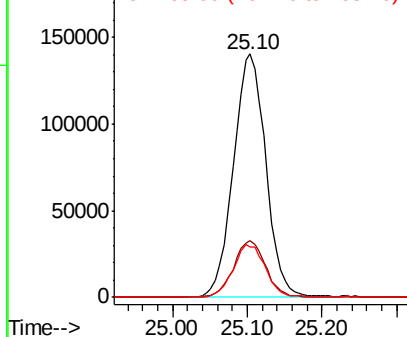
Tot Ion:	264	Resp:	422595
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	20.9	17.9	26.9

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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: 49.323 ng

RT: 24.03 min Scan# 3531

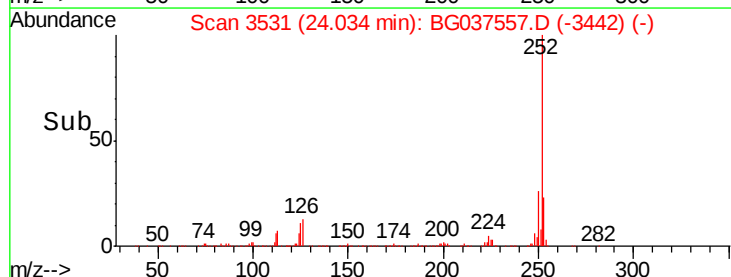
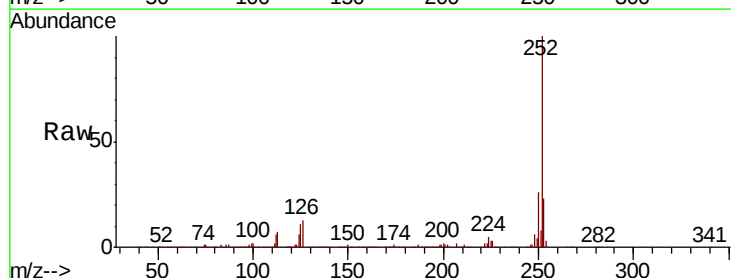
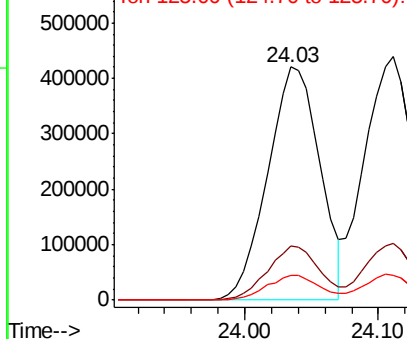
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:	252	Resp:	1142726
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	10.7	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





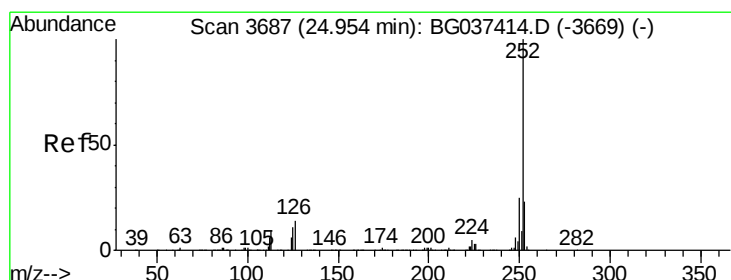
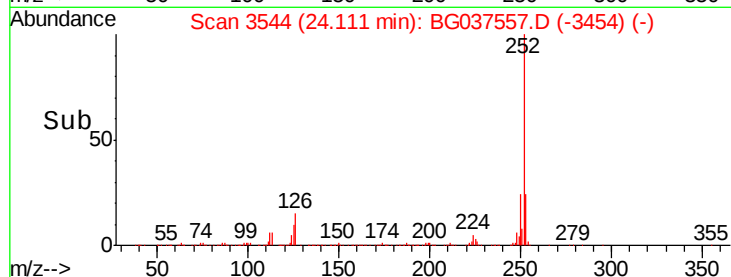
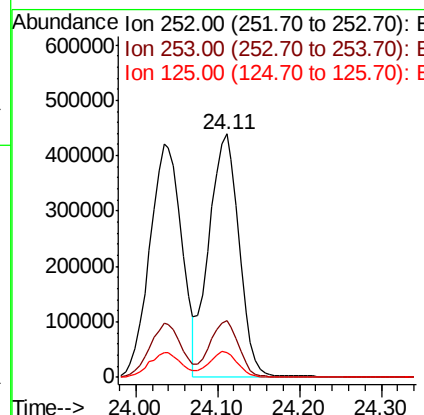
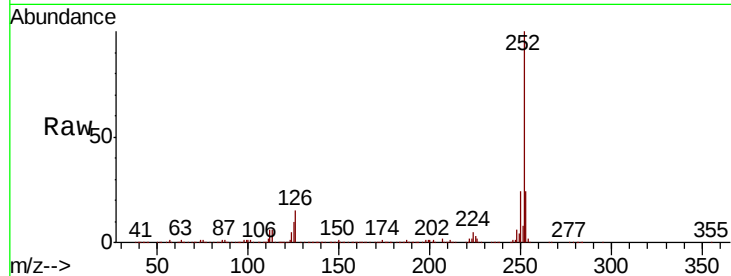
#89
Benzo(k)fluoranthene
Concen: 49.465 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	10.2	7.4	11.0

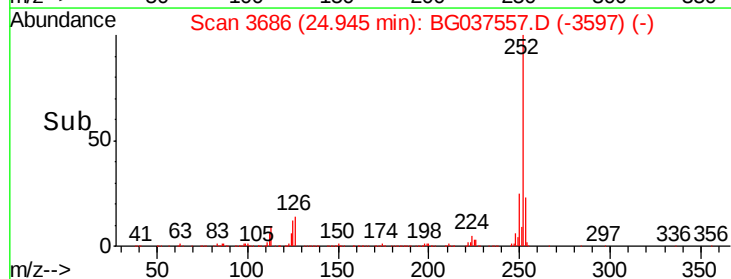
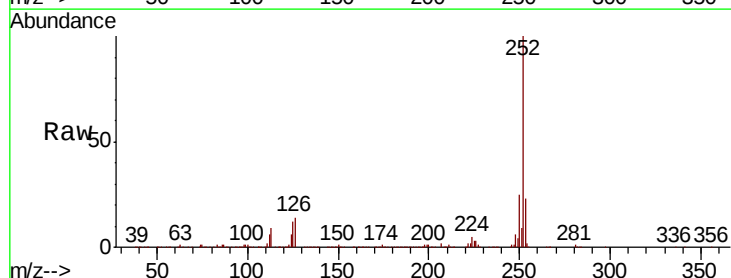
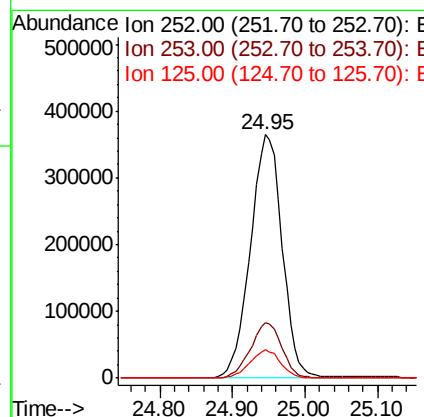
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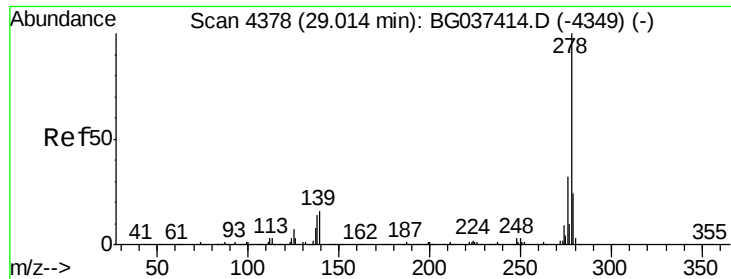
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#90
Benzo(a)pyrene
Concen: 50.425 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.7	9.0	13.6





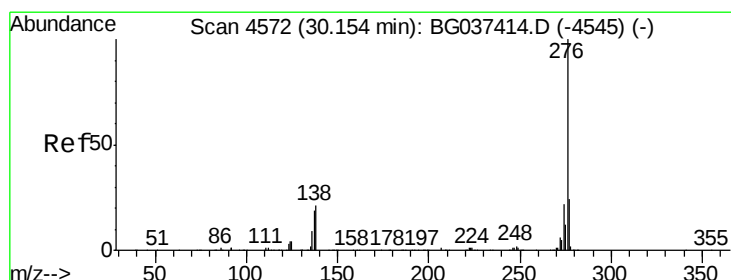
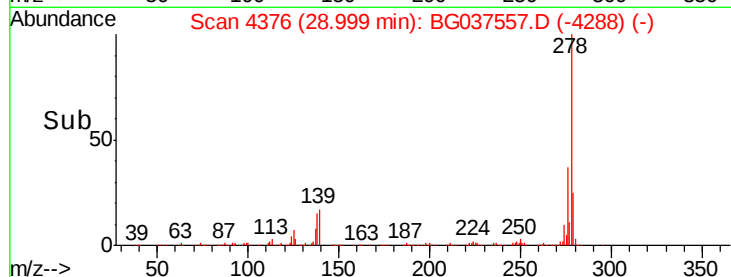
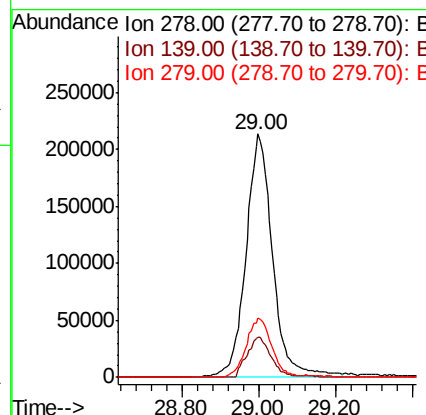
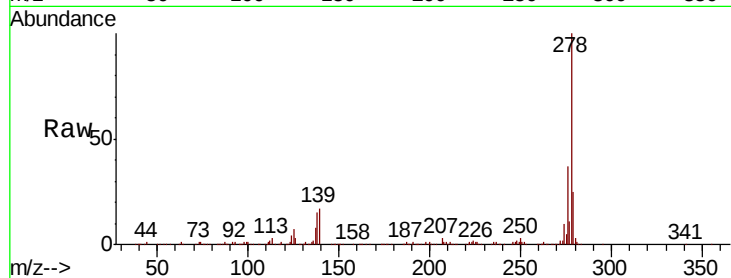
#91
Dibenzo(a,h)anthracene
Concen: 50.607 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.6	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.077 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	21.8	17.2	25.8

