

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037686.D
 Acq On : 31 Oct 2018 16:18
 Operator : JU/SJ
 Sample : J5737-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:43:46 AM

Quant Time: Nov 01 06:51:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63434	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	288739	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	191599	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	432892	20.00	ng	0.00
76) Chrysene-d12	21.77	240	380961	20.00	ng	0.00
87) Perylene-d12	25.10	264	400316	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	603118	158.96	ng	0.00
7) Phenol-d6	7.25	99	871661	151.93	ng	0.00
23) Nitrobenzene-d5	9.28	82	516805	100.27	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	308928	147.83	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1189058	93.58	ng	0.00
79) Terphenyl-d14	20.08	244	1612824	90.46	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	56326	29.273	ng	96
3) Pyridine	3.93	79	148186	30.555	ng	93
4) n-Nitrosodimethylamine	3.85	42	85288	49.374	ng	# 89
6) Aniline	7.43	93	257444	36.782	ng	99
8) 2-Chlorophenol	7.66	128	219941	49.551	ng	98
9) Benzaldehyde	7.24	77	170459	47.496	ng	98
10) Phenol	7.28	94	356484	58.889	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	205168	44.625	ng	97
12) 1,3-Dichlorobenzene	7.99	146	209519	42.400	ng	97
13) 1,4-Dichlorobenzene	8.13	146	210964	41.737	ng	99
14) 1,2-Dichlorobenzene	8.46	146	207415	42.658	ng	96
15) Benzyl Alcohol	8.34	79	204208	48.170	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	378286	45.984	ng	97
17) 2-Methylphenol	8.53	107	206688	51.645	ng	98
18) Hexachloroethane	9.19	117	76617	44.461	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	178561	45.196	ng	96
20) 3+4-Methylphenols	8.86	107	290300	50.735	ng	99
22) Acetophenone	8.93	105	335298	46.303	ng	# 98
24) Nitrobenzene	9.32	77	257354	48.063	ng	95
25) Isophorone	9.84	82	507846	53.924	ng	97
26) 2-Nitrophenol	10.03	139	129905	53.854	ng	98
27) 2,4-Dimethylphenol	10.07	122	242223	56.241	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	303335	49.160	ng	96
29) 2,4-Dichlorophenol	10.56	162	248138	51.746	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	235879	45.233	ng	97
31) Naphthalene	10.97	128	700286	49.378	ng	99
32) Benzoic acid	10.19	122	62536	22.355	ng	95
33) 4-Chloroaniline	11.08	127	150049	22.518	ng	97
34) Hexachlorobutadiene	11.24	225	136475	44.157	ng	97
35) Caprolactam	11.88	113	91098m	47.367	ng	
36) 4-Chloro-3-methylphenol	12.19	107	271104	50.130	ng	99
37) 2-Methylnaphthalene	12.57	142	537429	51.985	ng	98
38) 1-Methylnaphthalene	12.79	142	512633	51.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	274475	44.413	ng	99

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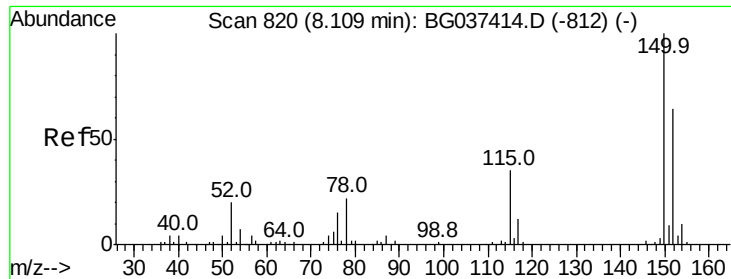
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	305337	103.431	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	208201	50.426	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	225556	50.176	ng	96
46) 1,1'-Biphenyl	13.57	154	689419	43.448	ng	98
47) 2-Chloronaphthalene	13.62	162	550610	45.866	ng	99
48) 2-Nitroaniline	13.83	65	182876	50.235	ng	93
49) Acenaphthylene	14.46	152	896292	49.633	ng	98
50) Dimethylphthalate	14.19	163	838903	56.597	ng	99
51) 2,6-Dinitrotoluene	14.32	165	163088	49.737	ng	97
52) Acenaphthene	14.80	154	527790	47.457	ng	99
53) 3-Nitroaniline	14.65	138	125044	34.351	ng	# 99
54) 2,4-Dinitrophenol	14.85	184	107052	76.044	ng	97
55) Dibenzofuran	15.13	168	830341	45.063	ng	98
56) 4-Nitrophenol	14.95	139	355986	132.118	ng	99
57) 2,4-Dinitrotoluene	15.10	165	226866	52.707	ng	96
58) Fluorene	15.78	166	677430	49.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192113	49.913	ng	98
60) Diethylphthalate	15.54	149	713147	46.864	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	356357	44.308	ng	99
62) 4-Nitroaniline	15.81	138	171329	47.366	ng	94
63) Azobenzene	16.06	77	680770	46.887	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	111107	48.749	ng	94
66) n-Nitrosodiphenylamine	15.98	169	611006	46.923	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	225254	47.383	ng	98
68) Hexachlorobenzene	16.78	284	224082	45.481	ng	98
69) Atrazine	16.93	200	220602	46.857	ng	99
70) Pentachlorophenol	17.12	266	266234	80.671	ng	97
71) Phenanthrene	17.53	178	1081004	49.134	ng	99
72) Anthracene	17.62	178	1090828	50.523	ng	96
73) Carbazole	17.89	167	979453	45.351	ng	98
74) Di-n-butylphthalate	18.42	149	1168243	48.626	ng	99
75) Fluoranthene	19.53	202	1218875	48.846	ng	97
77) Benzidine	19.72	184	531347	41.019	ng	99
78) Pyrene	19.89	202	1198611	48.129	ng	98
80) Butylbenzylphthalate	20.76	149	533096	52.304	ng	100
81) Benzo(a)anthracene	21.75	228	1138003	50.503	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	275142	31.502	ng	99
83) Chrysene	21.82	228	1055270	48.703	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	753820	52.764	ng	98
85) Di-n-octyl phthalate	22.86	149	1269745	54.503	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1175434	50.578	ng	98
88) Benzo(b)fluoranthene	24.03	252	1116228	50.861	ng	97
89) Benzo(k)fluoranthene	24.11	252	1098151	51.072	ng	97
90) Benzo(a)pyrene	24.94	252	1093996	52.458	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	949665	49.367	ng	# 97
92) Benzo(g,h,i)perylene	30.14	276	959129	49.282	ng	100

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



#1

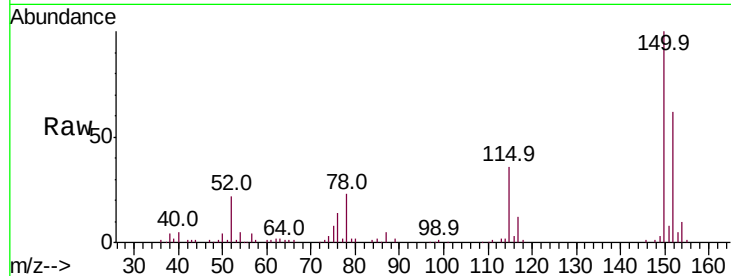
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.0	189.0
115	57.7	45.5	68.3

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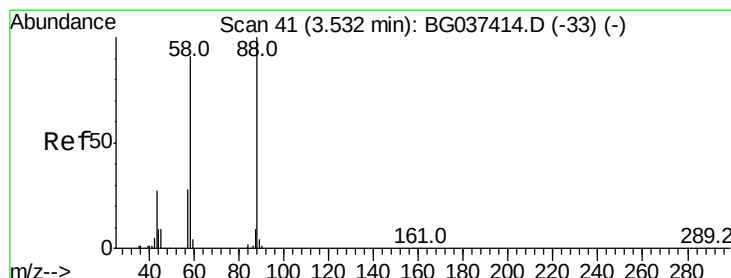
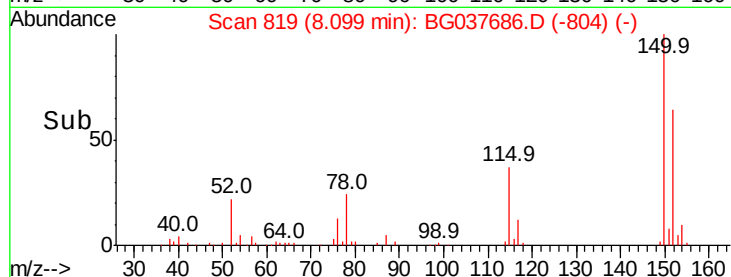
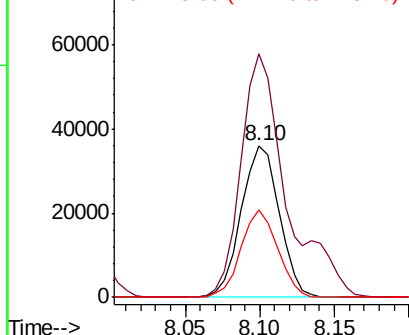


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

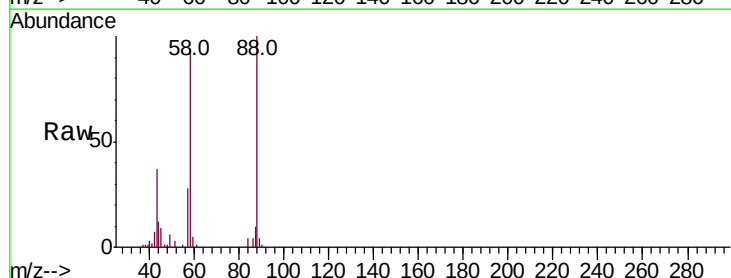
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.273 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	74.4	111.6
43	32.5	25.8	38.8

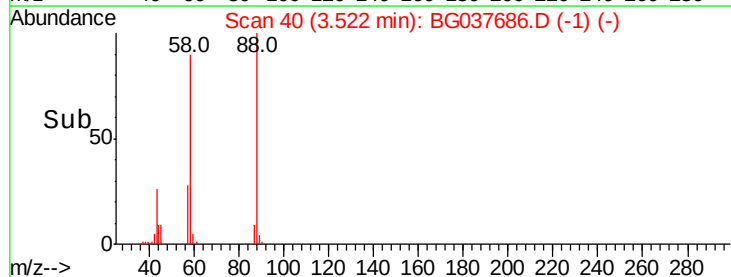
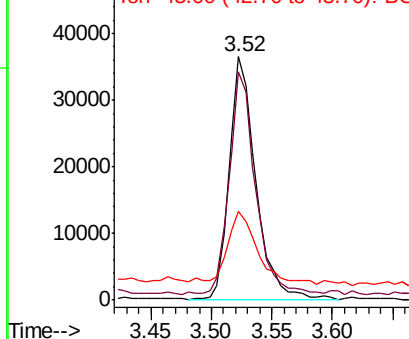


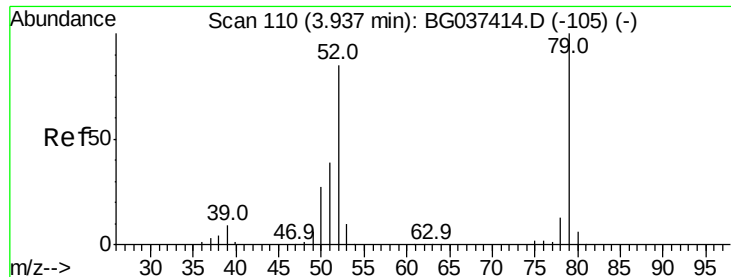
Abundance

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: 30.555 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

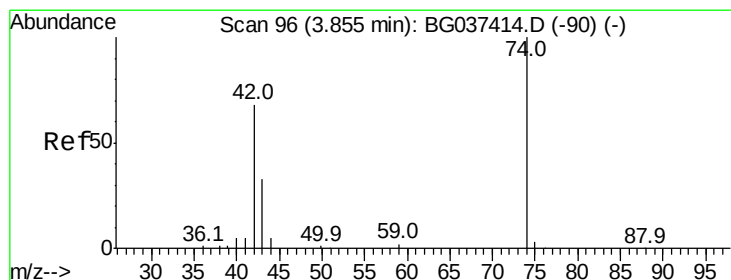
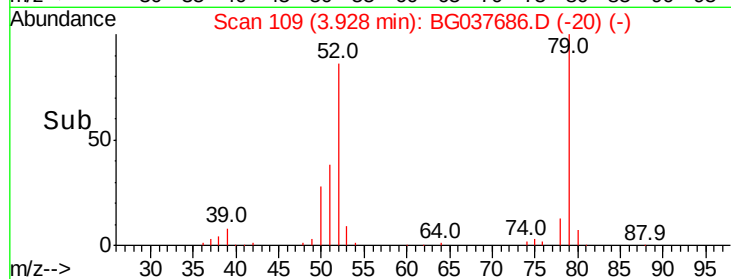
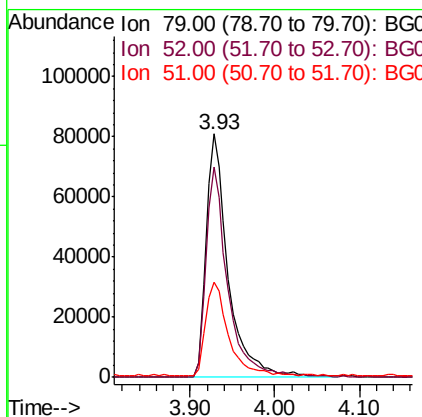
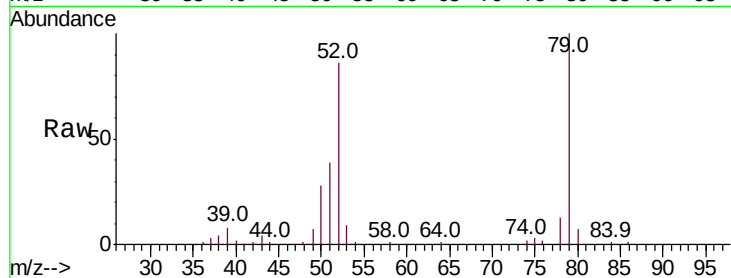
ClientSampled :

TP-AMS

Tot Ion:	79	Resp:	148186
Ion	Ratio	Lower	Upper
79	100		
52	86.3	74.2	111.2
51	38.9	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 49.374 ng

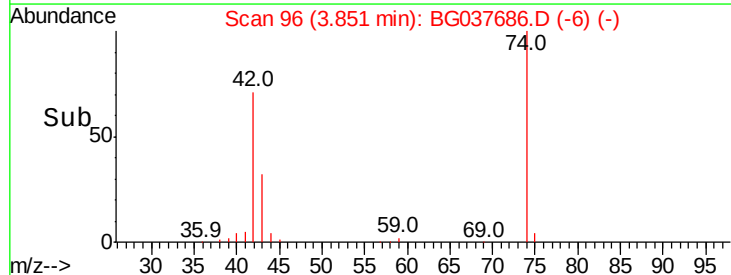
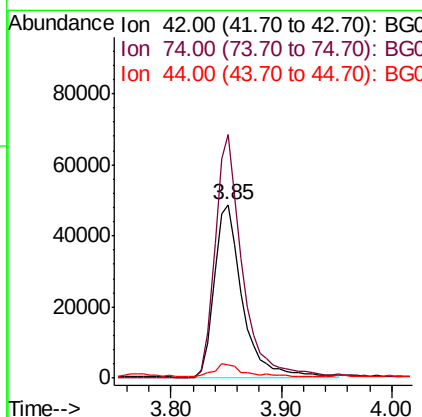
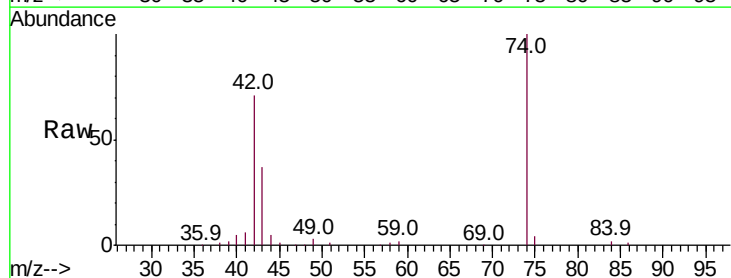
RT: 3.85 min Scan# 96

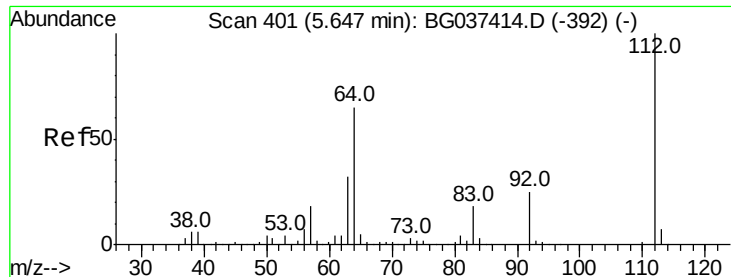
Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	42	Resp:	85288
Ion	Ratio	Lower	Upper
42	100		
74	140.4	102.0	153.0
44	7.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 158.957 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

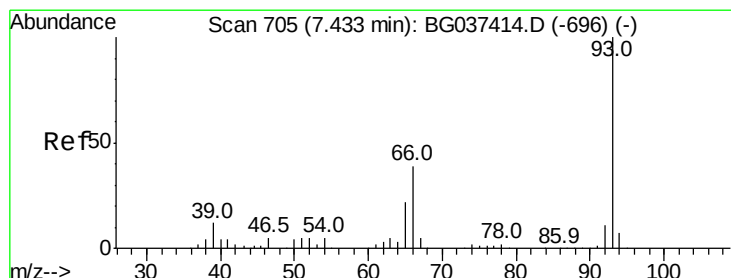
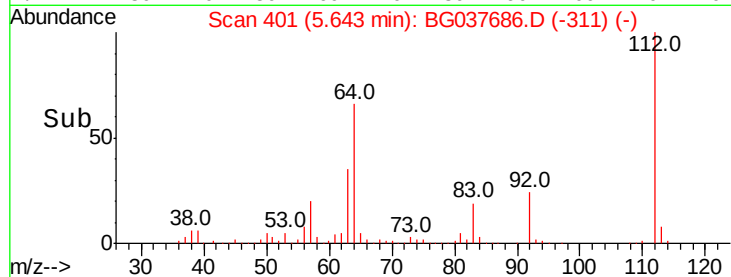
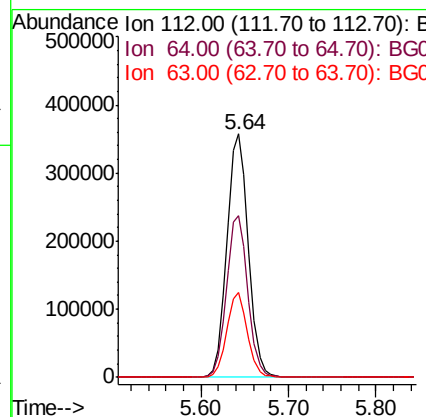
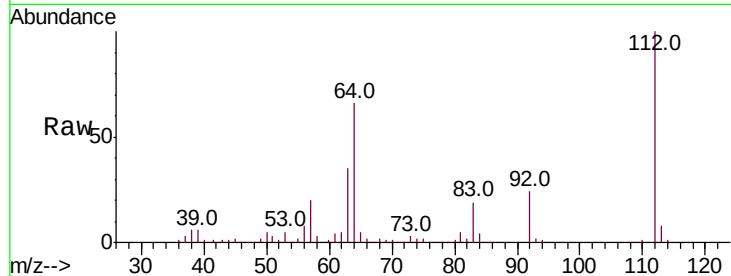
ClientSampleId :

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Tot Ion:	112	Resp:	603118
Ion Ratio	Lower	Upper	
112	100		
64	66.3	53.1	79.7
63	34.8	27.3	40.9

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#6

Aniline

Concen: 36.782 ng

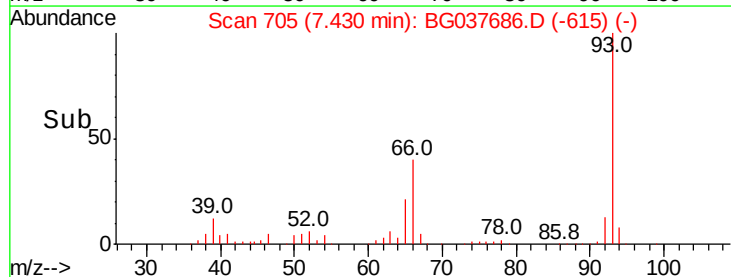
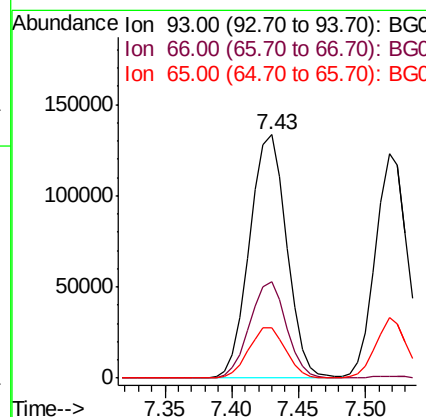
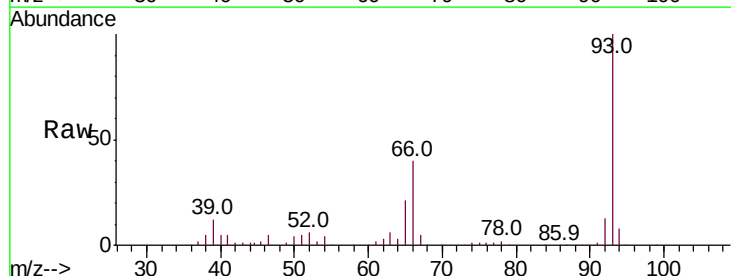
RT: 7.43 min Scan# 705

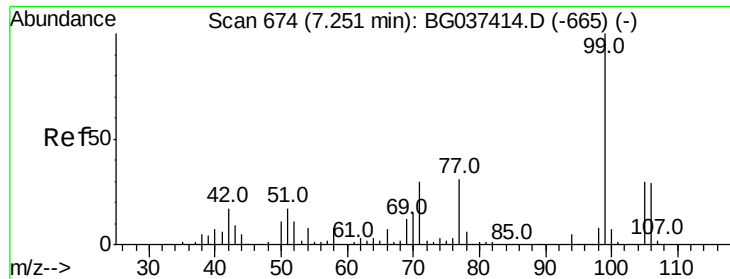
Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	93	Resp:	257444
Ion Ratio	Lower	Upper	
93	100		
66	39.8	32.8	49.2
65	20.6	16.4	24.6





#7

Phenol-d6

Concen: 151.927 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

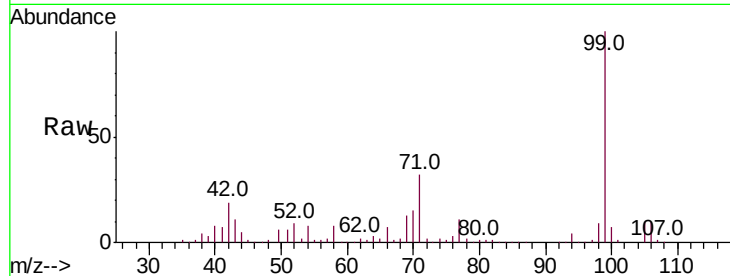
ClientSampleId :

TP-AMS

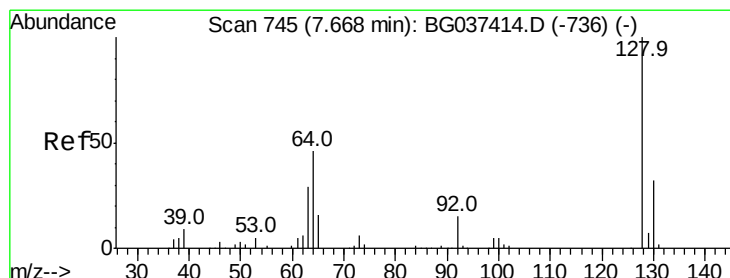
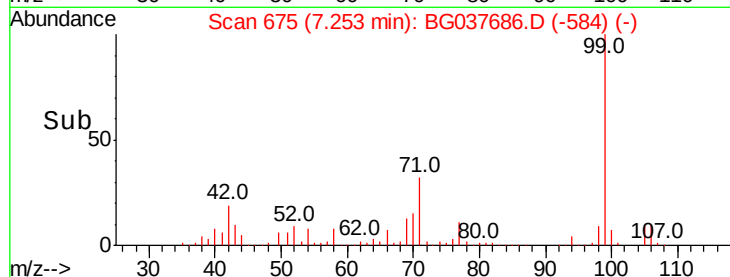
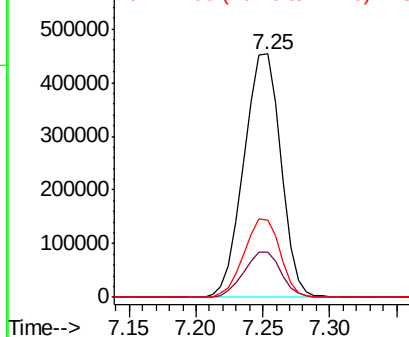
Tot Ion:	99	Resp:	871661
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.0	22.4
71	31.8	25.5	38.3

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



#8

2-Chlorophenol

Concen: 49.551 ng

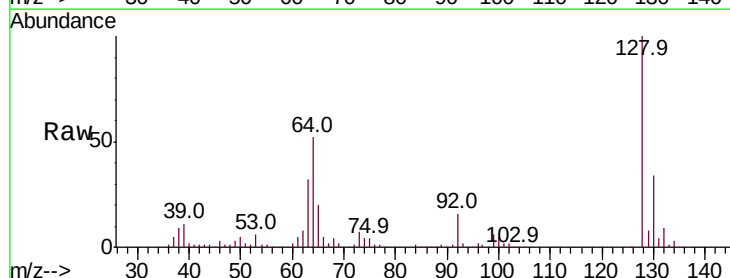
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

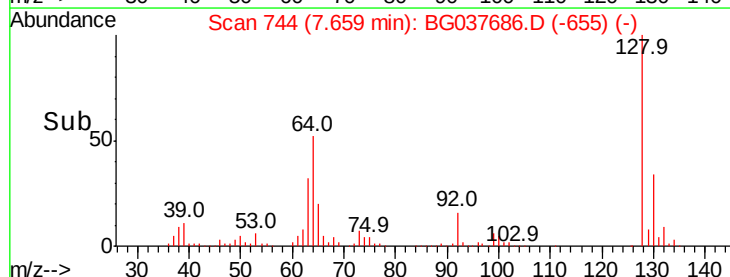
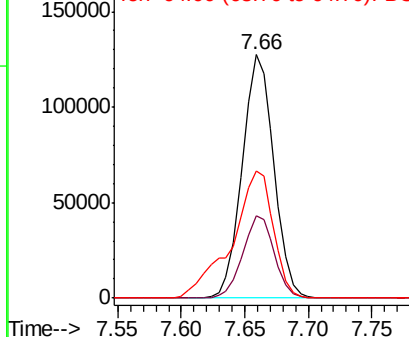
Lab File: BG037686.D

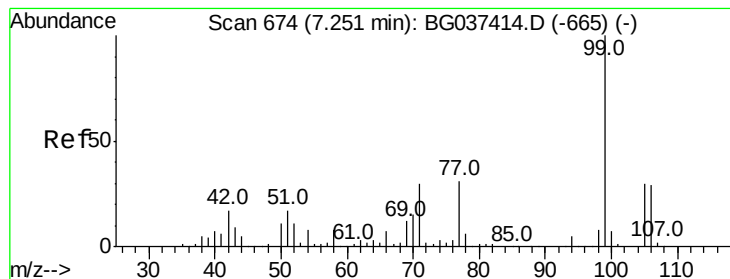
Acq: 31 Oct 2018 16:18

Tgt Ion:	128	Resp:	219941
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	52.4	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: 47.496 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

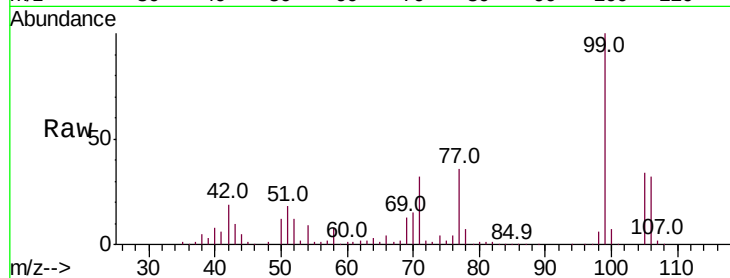
ClientSampleId :

TP-AMS

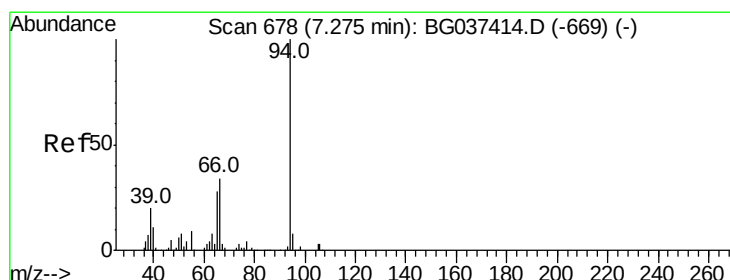
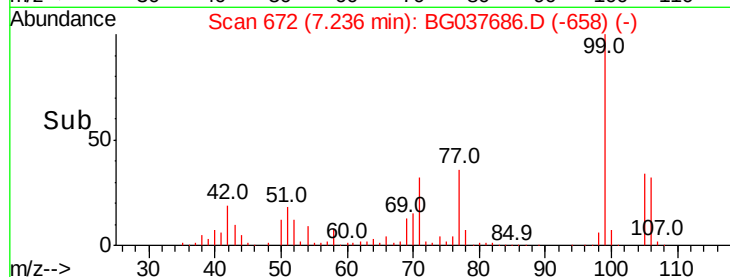
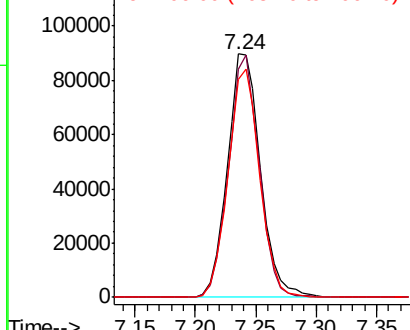
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.6	112.6
106	89.6	71.3	111.3

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 58.889 ng

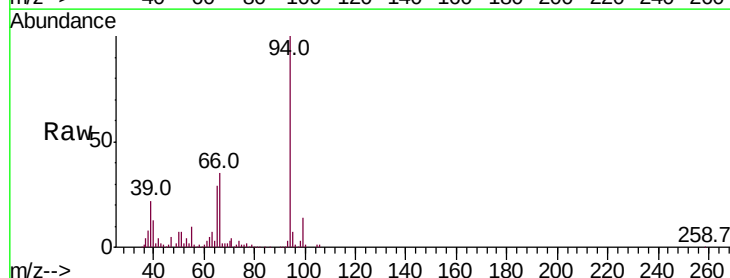
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

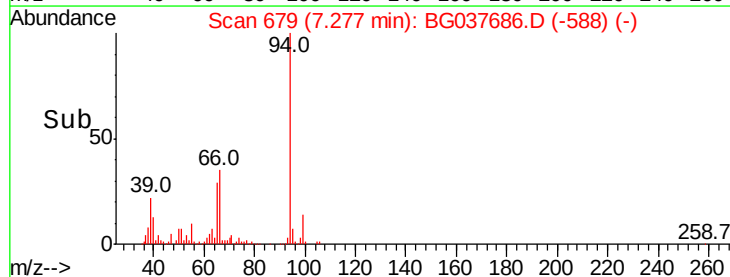
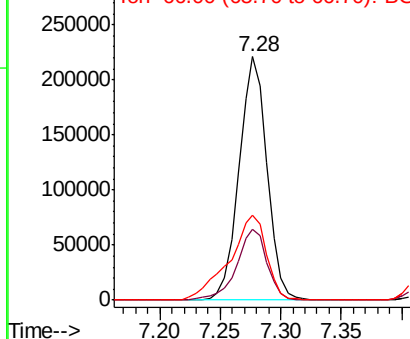
Lab File: BG037686.D

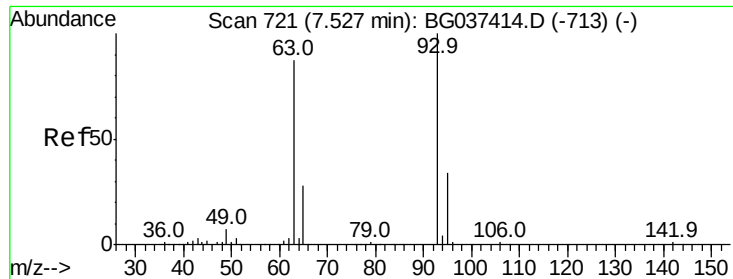
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.7	49.7
66	34.9	15.9	55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





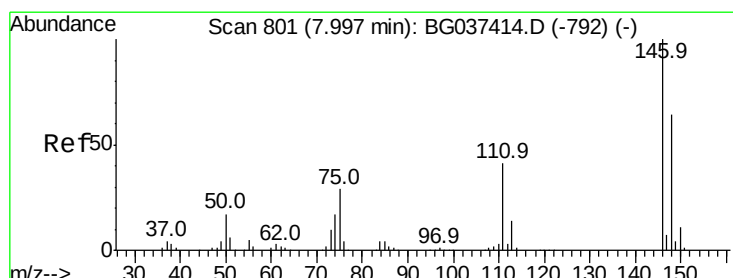
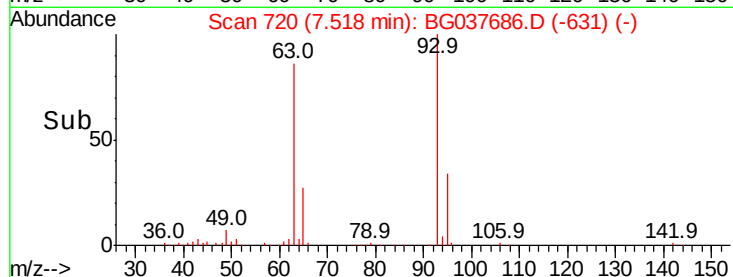
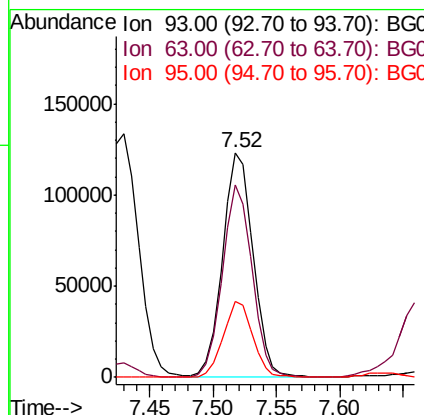
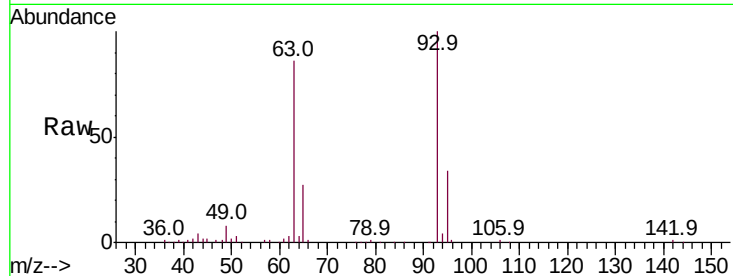
#11
bis(2-Chloroethyl)ether
Concen: 44.625 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	69.5	109.5
95	33.7	12.6	52.6

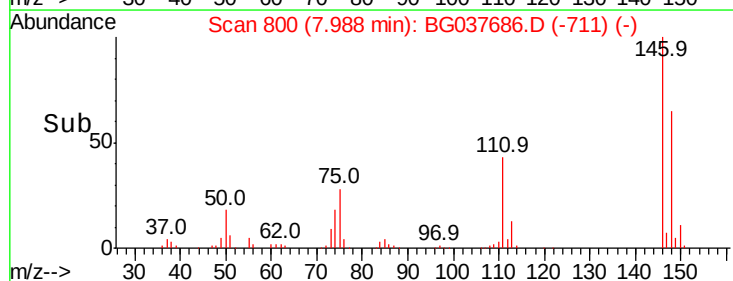
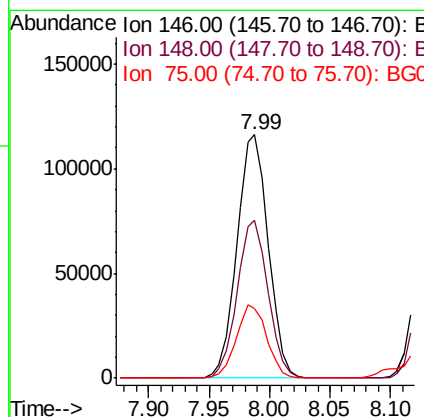
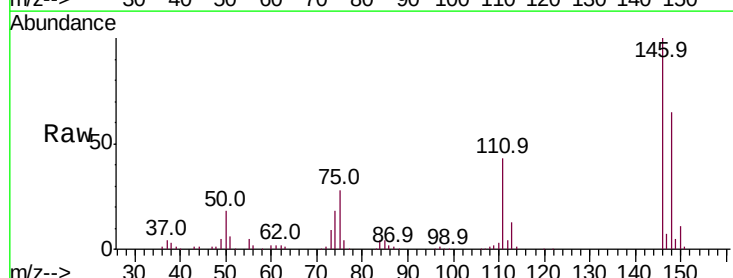
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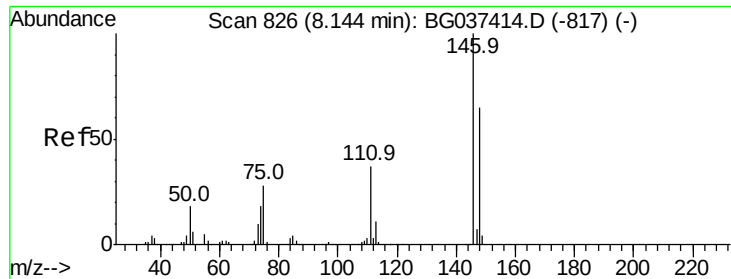
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.400 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.8	74.8
75	28.3	23.2	34.8





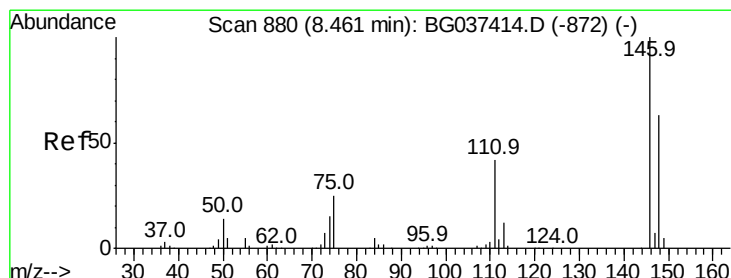
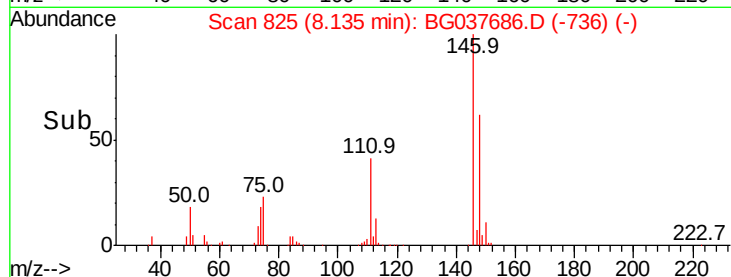
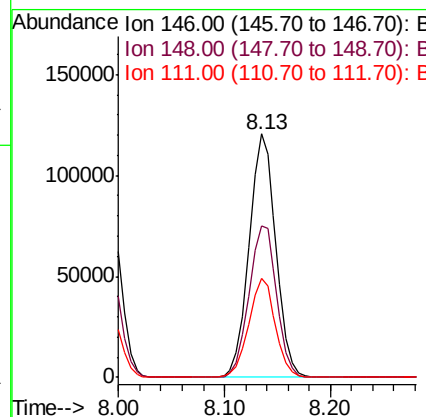
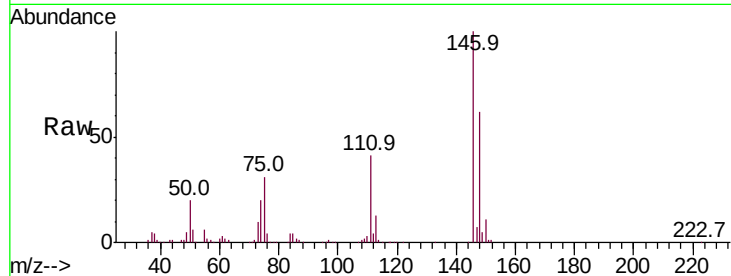
#13
1,4-Dichlorobenzene
Concen: 41.737 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.6
111	40.8	32.4	48.6

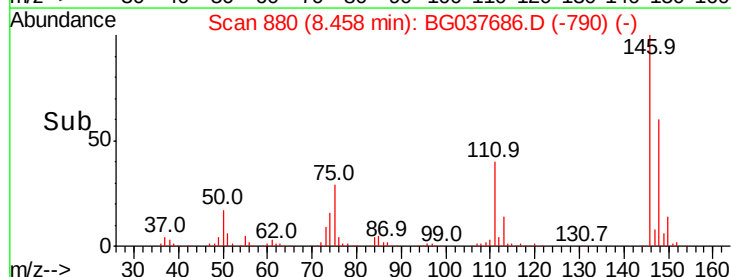
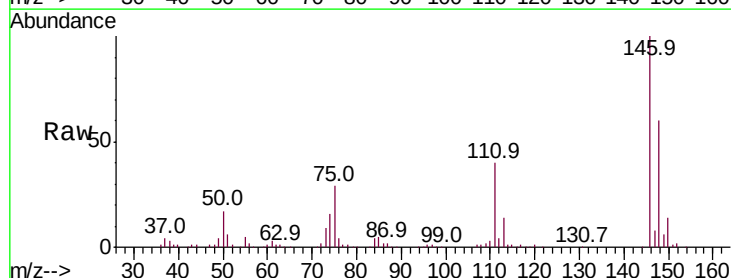
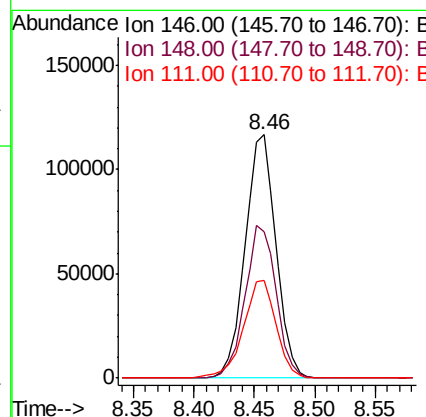
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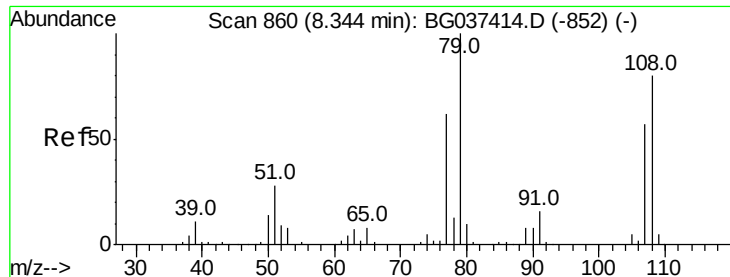
Sohil
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#14
1,2-Dichlorobenzene
Concen: 42.658 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.4	75.6
111	40.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 48.170 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

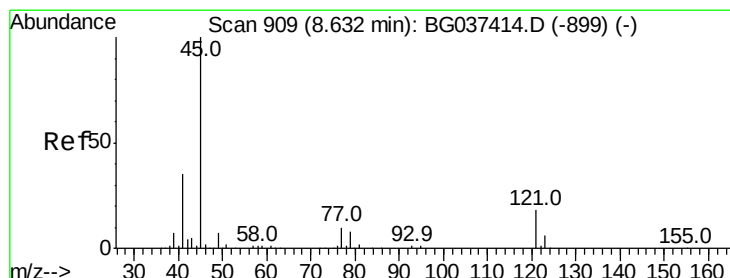
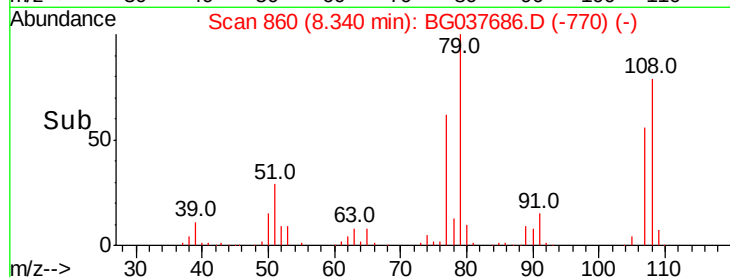
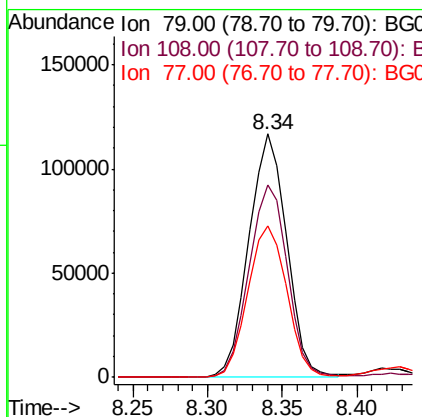
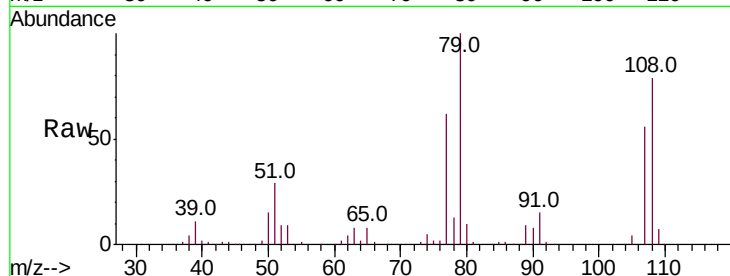
ClientSampled :

TP-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	65.8	98.8
77	62.4	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.984 ng

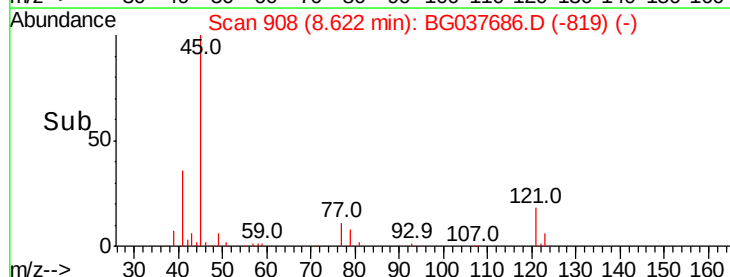
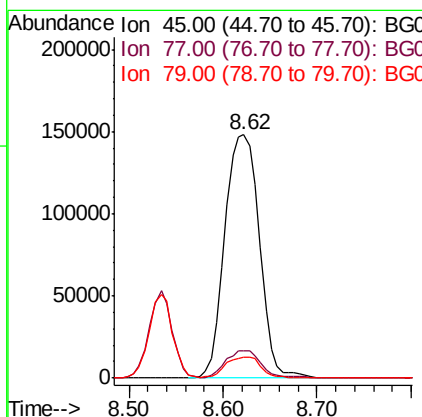
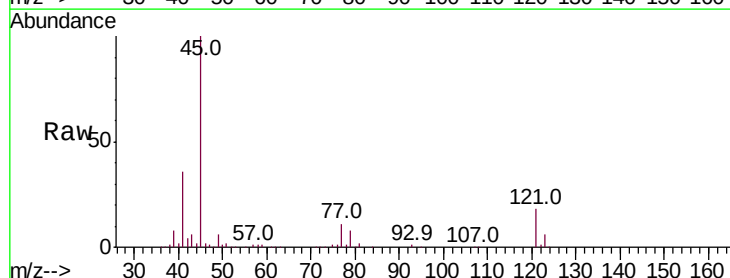
RT: 8.62 min Scan# 908

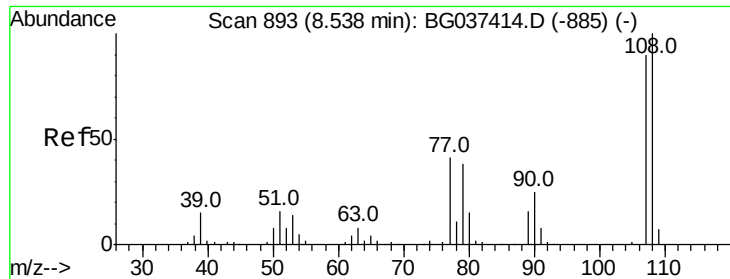
Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.0
79	8.4	0.0	29.0





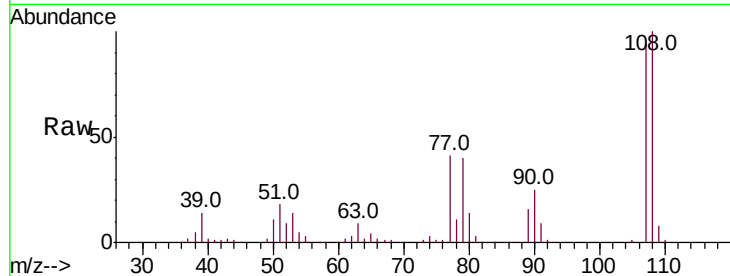
#17
2-Methylphenol
Concen: 51.645 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

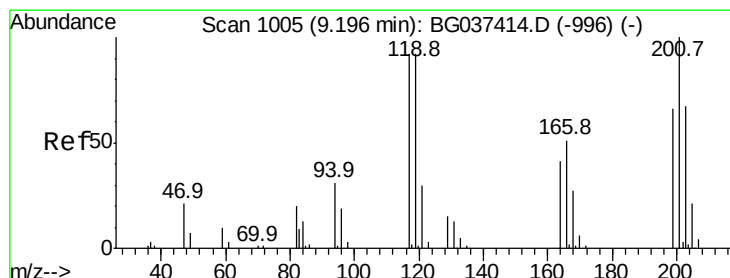
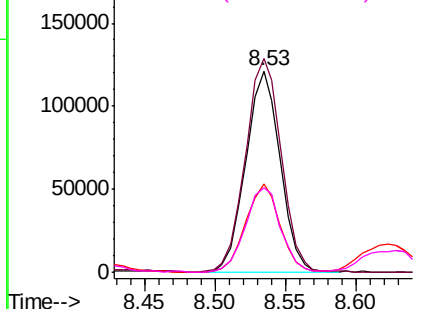
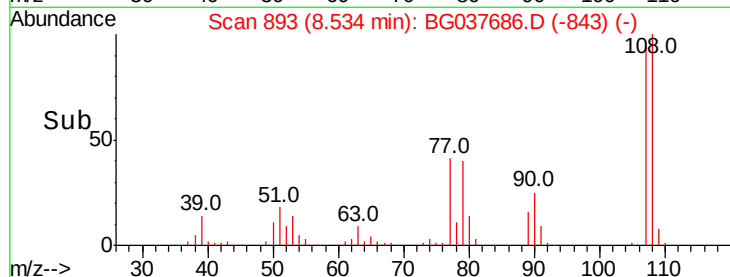
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.2	87.9	131.9	
77	43.9	35.1	52.7	
79	42.0	34.5	51.7	

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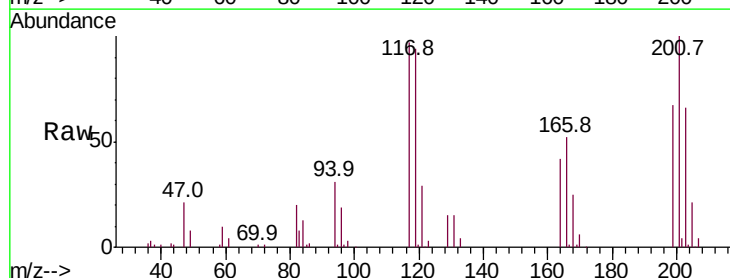


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

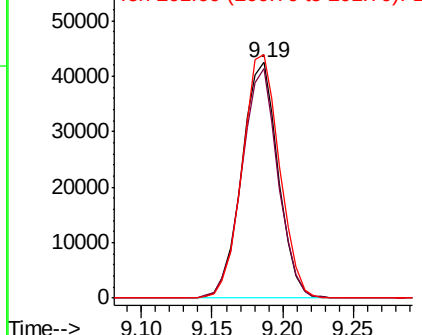
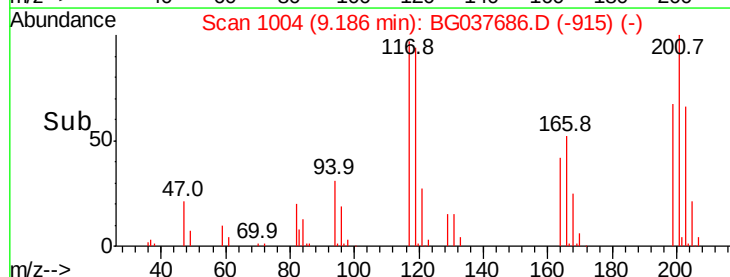


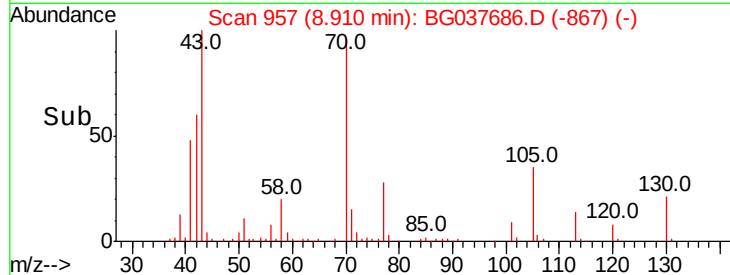
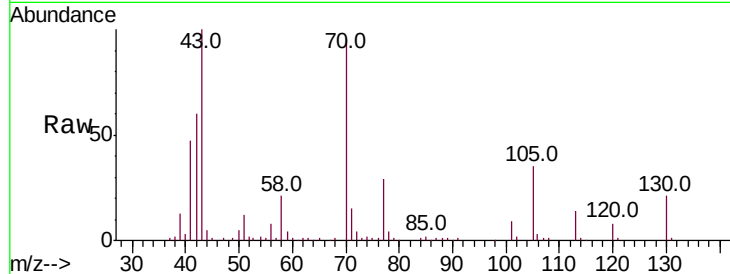
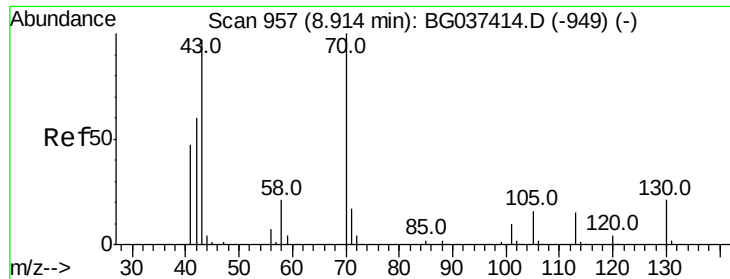
#18
Hexachloroethane
Concen: 44.461 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	74.6	111.8	
201	106.9	80.8	121.2	



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





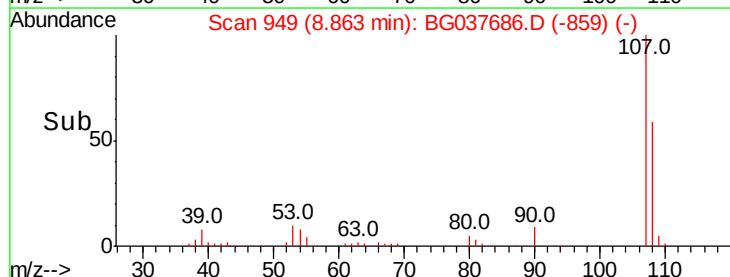
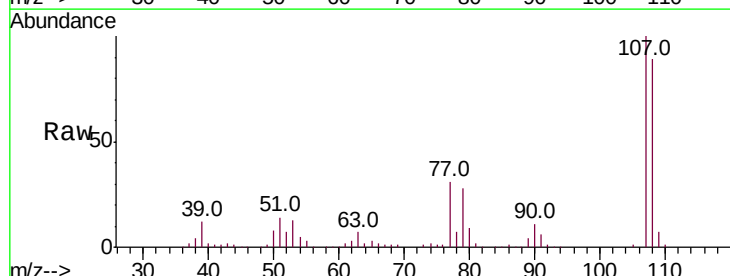
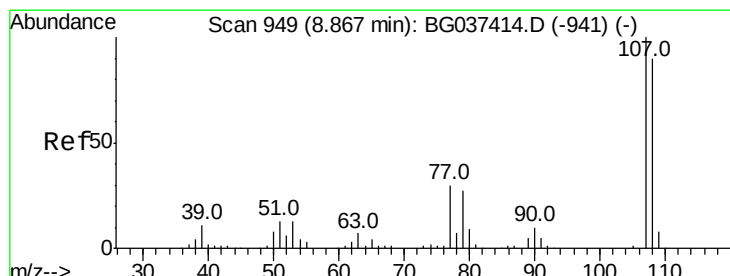
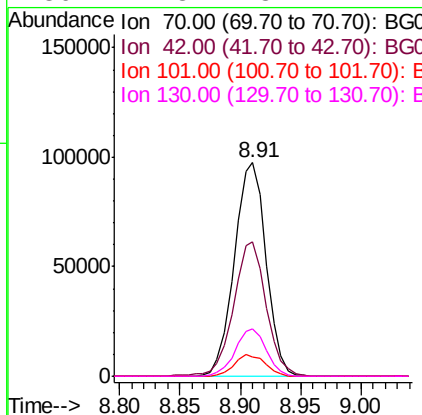
#19
n-Nitroso-di-n-propylamine
Concen: 45.196 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		178561		
42	62.9	53.9	80.9		
101	9.2	8.2	12.2		
130	22.3	18.2	27.4		

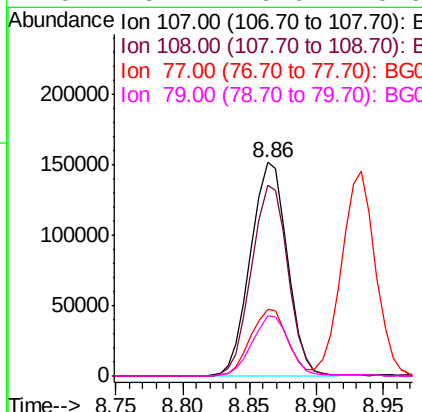
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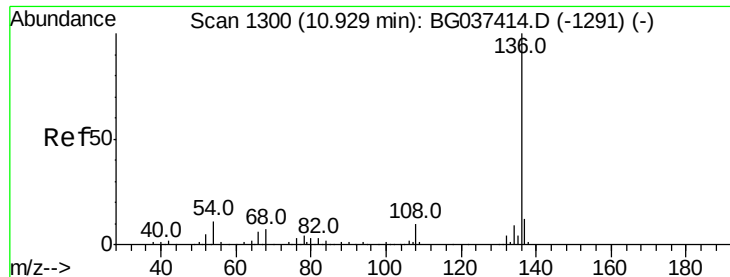
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#20
3+4-Methylphenols
Concen: 50.735 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		290300		
108	89.1	69.9	109.9		
77	31.2	11.2	51.2		
79	28.1	6.6	46.6		





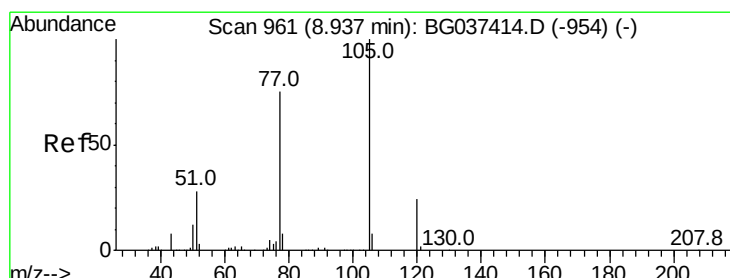
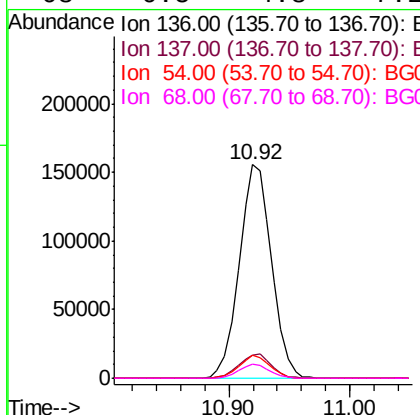
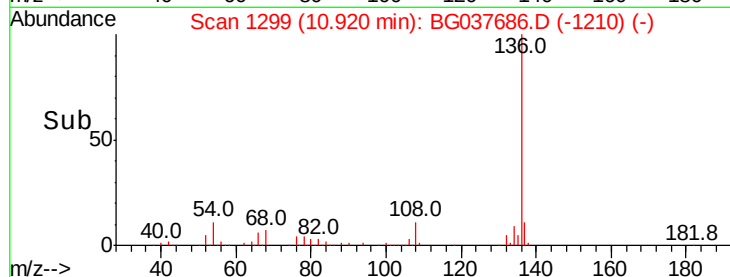
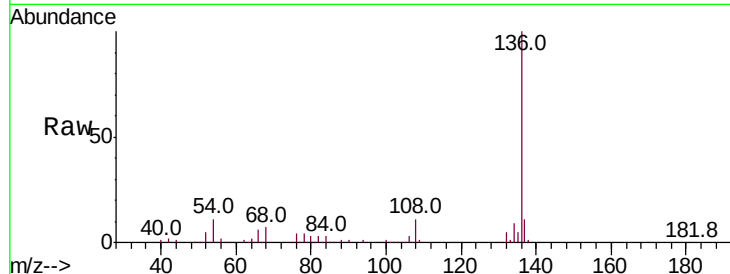
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	288739		
137	10.8		9.6	14.4
54	10.7		7.9	11.9
68	6.5		4.8	7.2

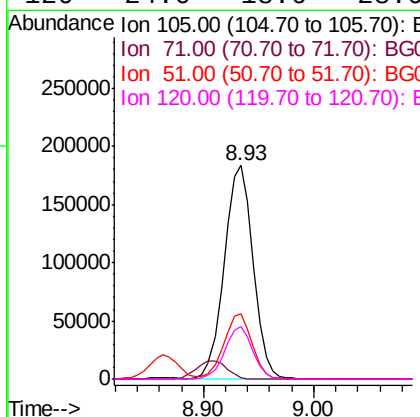
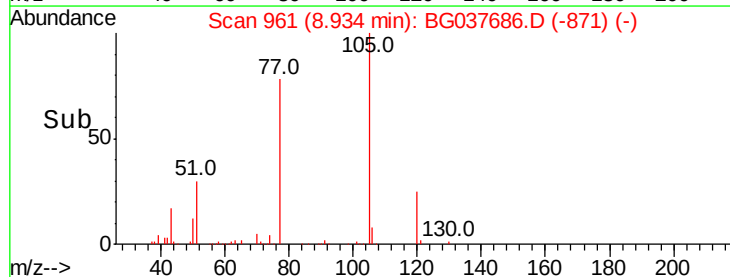
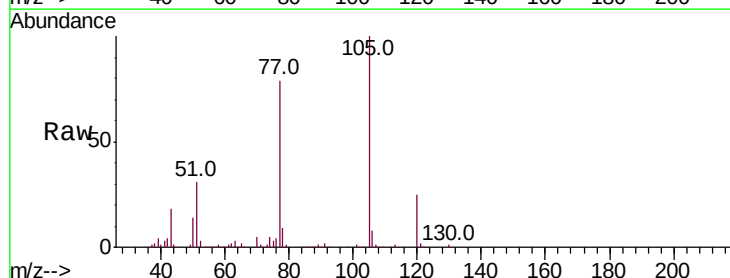
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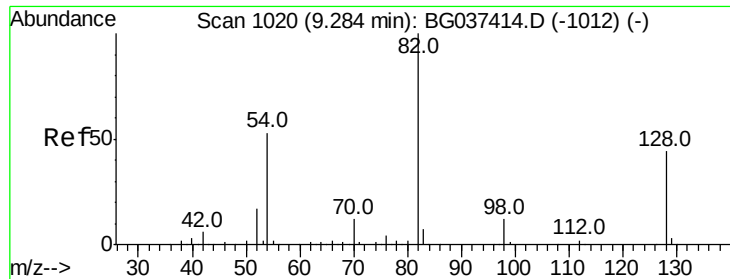
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#22
Acetophenone
Concen: 46.303 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	335298		
71	0.9		1.2	1.8#
51	30.9		25.0	37.6
120	24.6		18.6	28.0





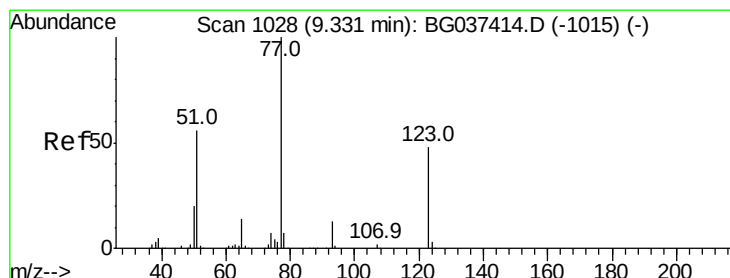
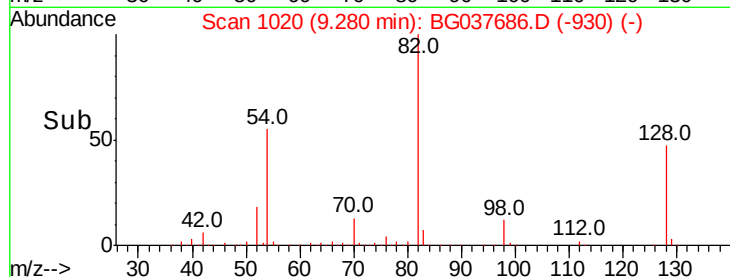
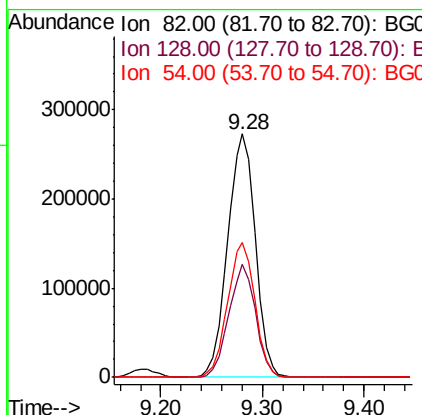
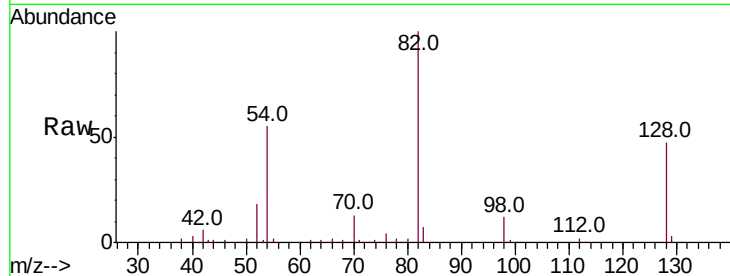
#23
 Nitrobenzene-d5
 Concen: 100.267 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.6	51.8	
54	55.4	45.3	67.9	

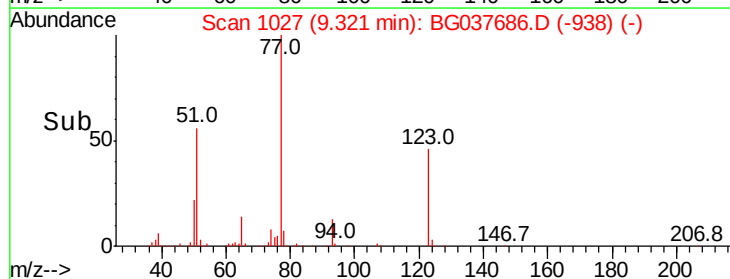
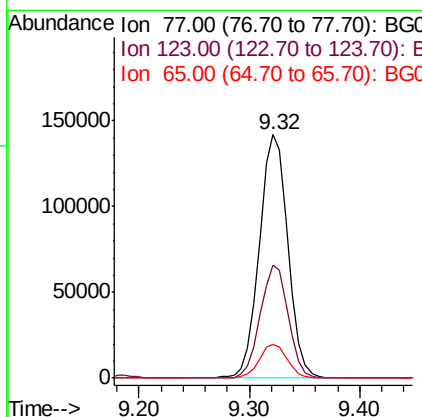
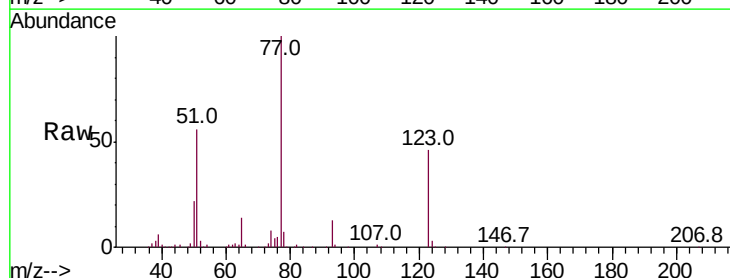
Manual Integrations
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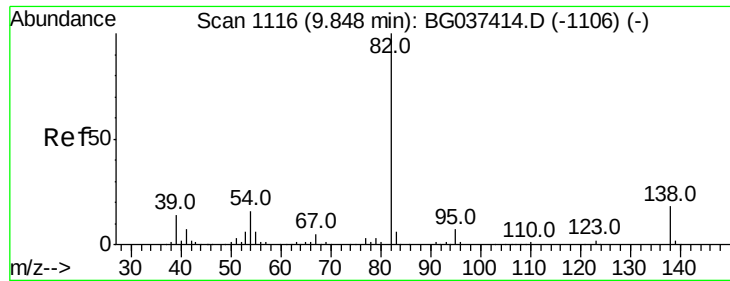
Sohil
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#24
 Nitrobenzene
 Concen: 48.063 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	33.6	50.4	
65	13.6	11.3	16.9	





#25

Isophorone

Concen: 53.924 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

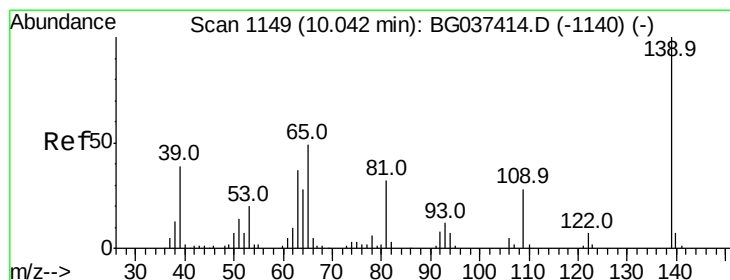
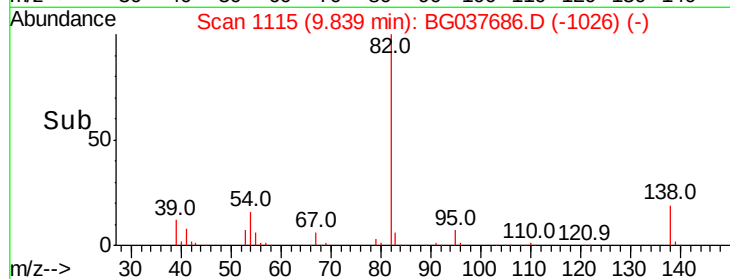
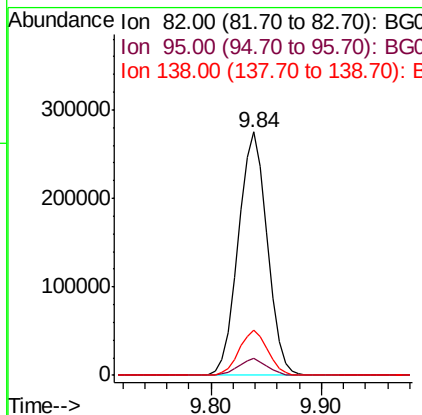
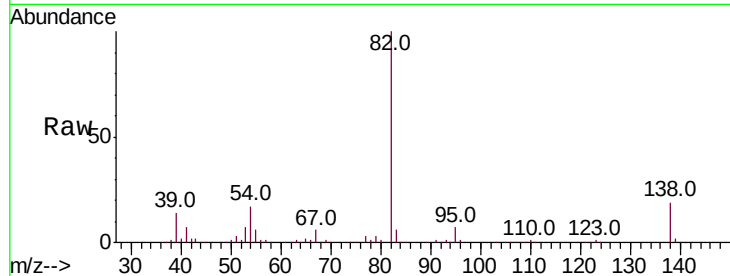
ClientSampled :

TP-AMS

Tot Ion:	82	Resp:	507846
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.5	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.854 ng

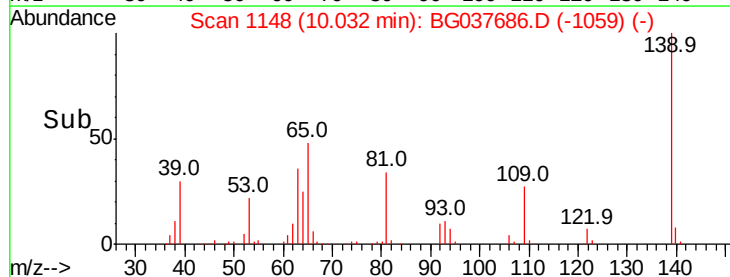
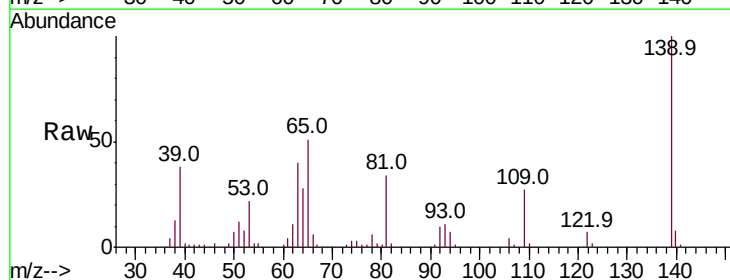
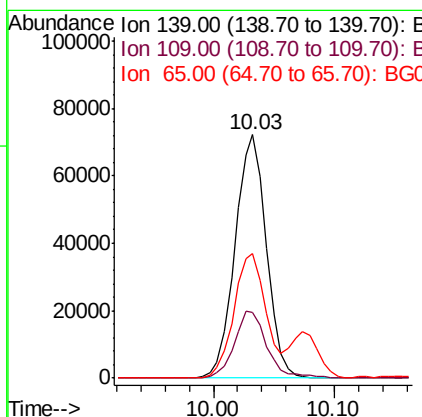
RT: 10.03 min Scan# 1148

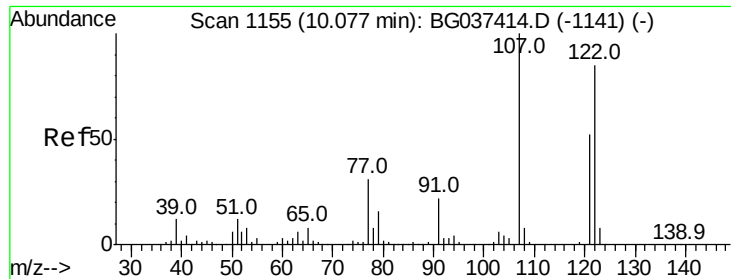
Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	139	Resp:	129905
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.3	34.9
65	51.0	39.8	59.8





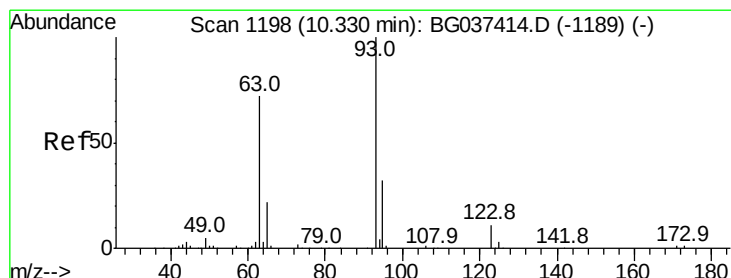
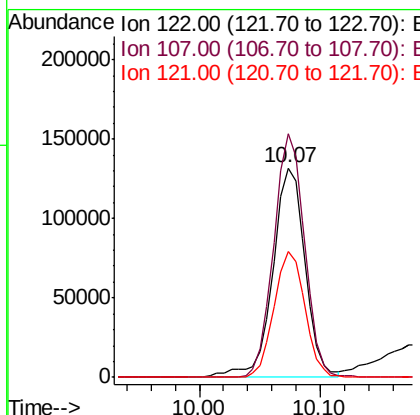
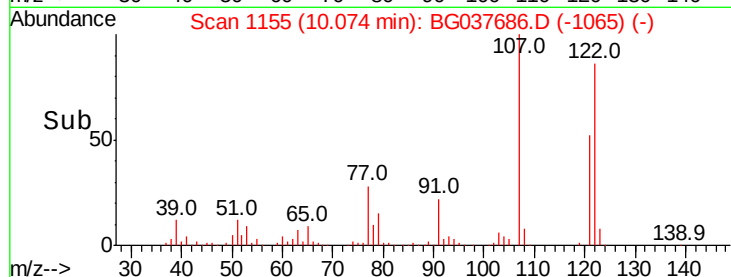
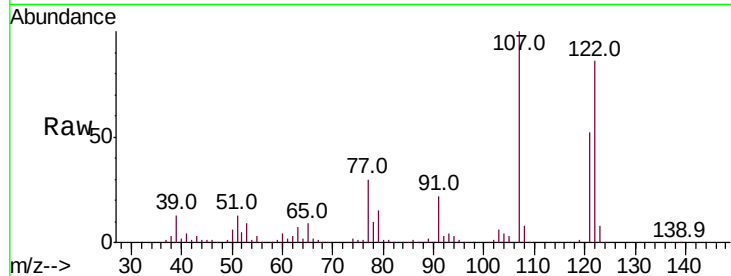
#27
2,4-Dimethylphenol
Concen: 56.241 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	94.2	141.2
121	60.2	47.3	70.9

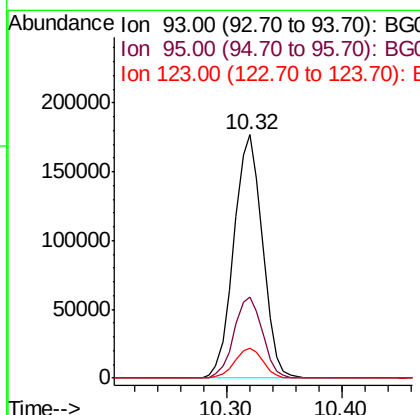
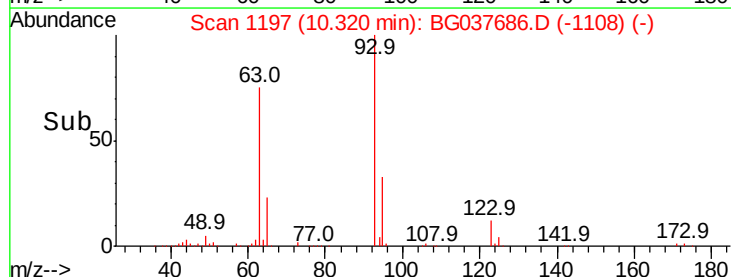
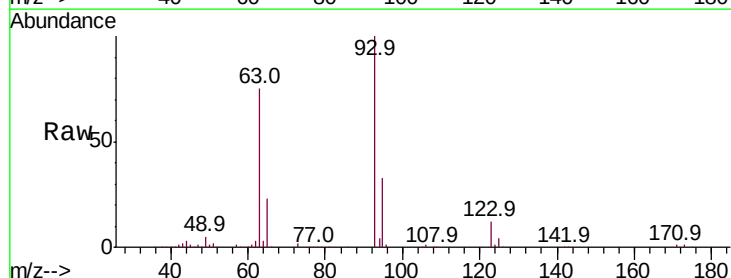
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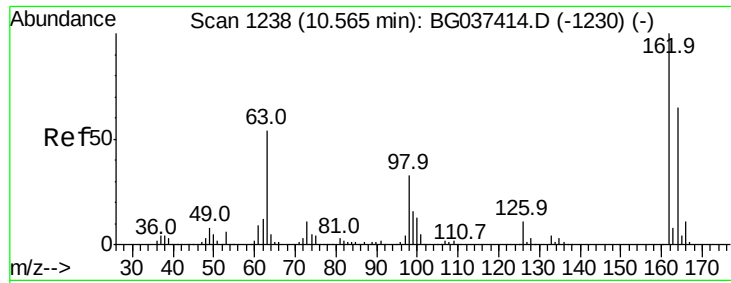
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.160 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.6	37.0
123	12.5	9.1	13.7





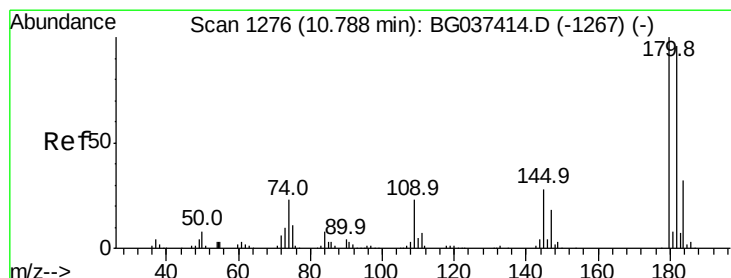
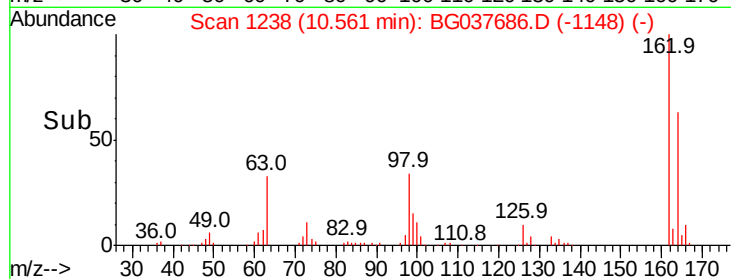
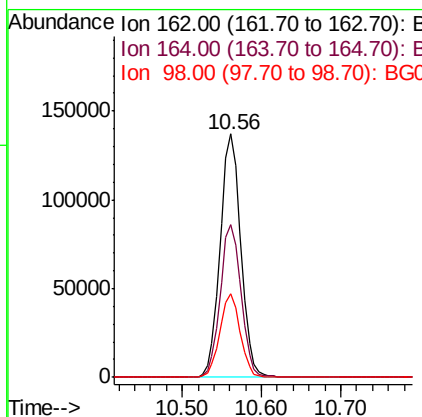
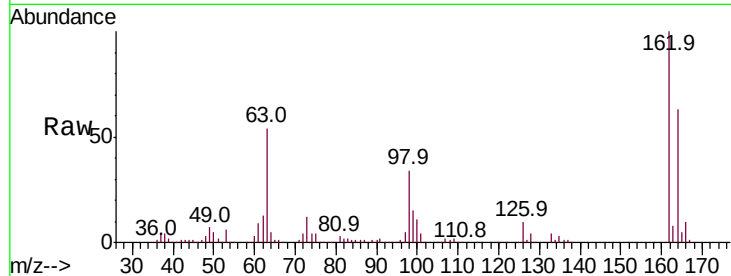
#29
 2,4-Dichlorophenol
 Concen: 51.746 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	248138		
164	62.9		43.2	83.2
98	34.2		16.0	56.0

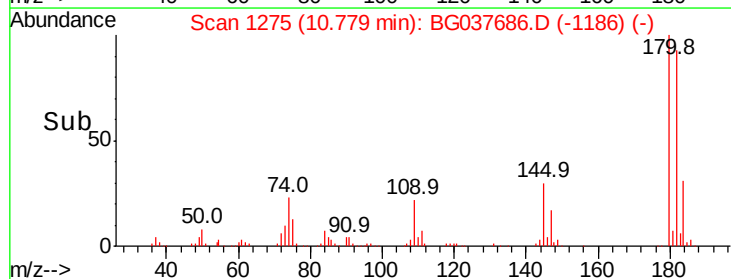
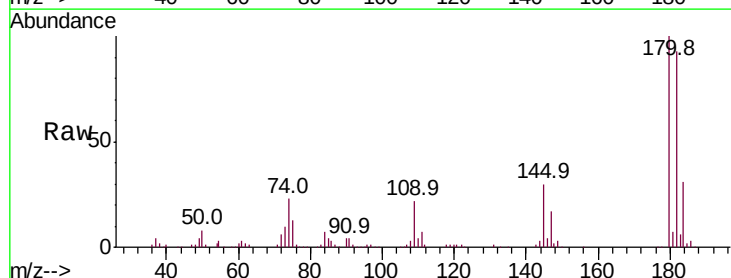
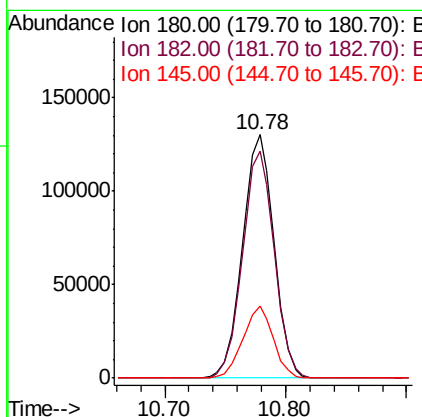
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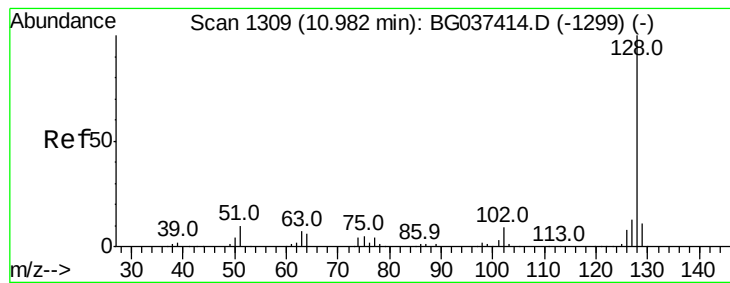
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 11/1/2018 10:43:46 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.233 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235879		
182	93.2		77.7	116.5
145	29.7		23.3	34.9





#31

Naphthalene

Concen: 49.378 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

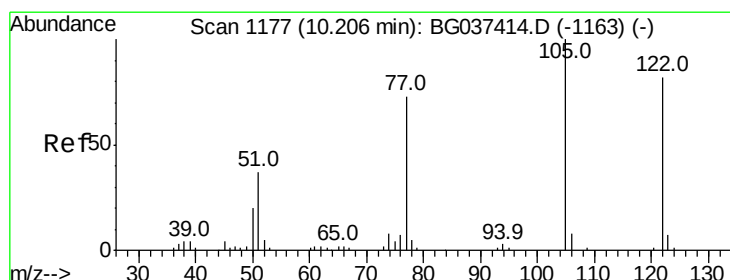
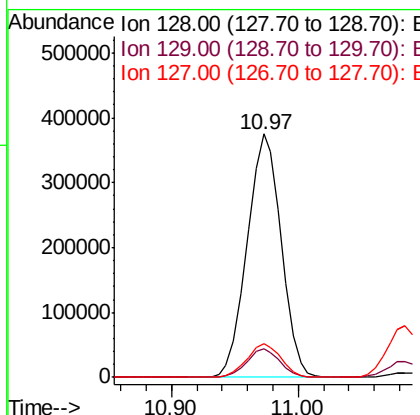
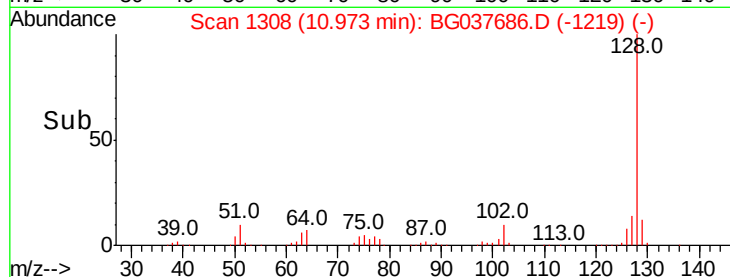
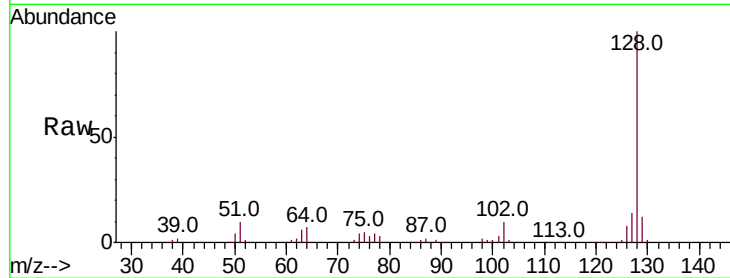
ClientSampled :

TP-AMS

Tot Ion:	128	Resp:	700286
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	13.8	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 22.355 ng

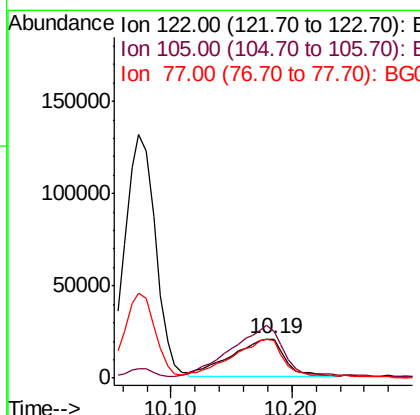
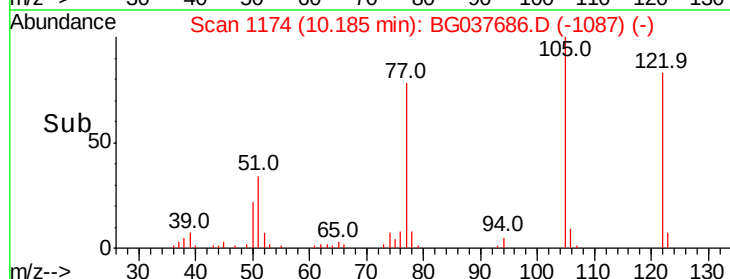
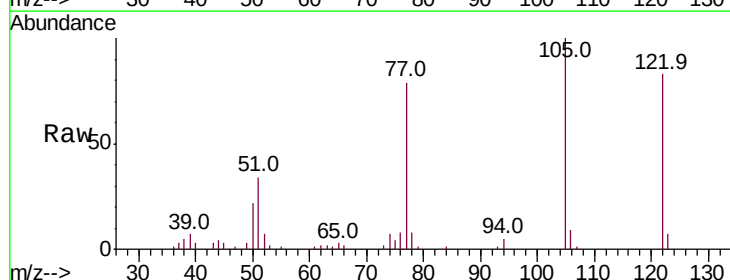
RT: 10.19 min Scan# 1174

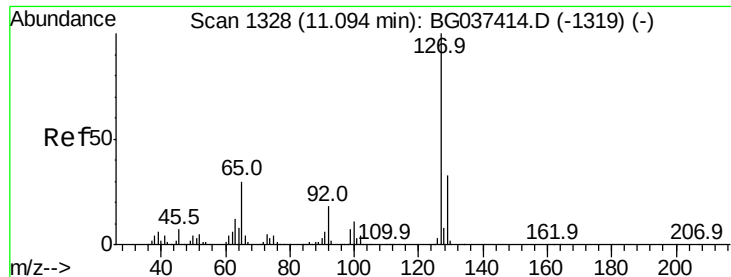
Delta R.T. -0.02 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	122	Resp:	62536
Ion Ratio	Lower	Upper	
122	100		
105	120.0	106.7	146.7
77	95.0	72.2	112.2





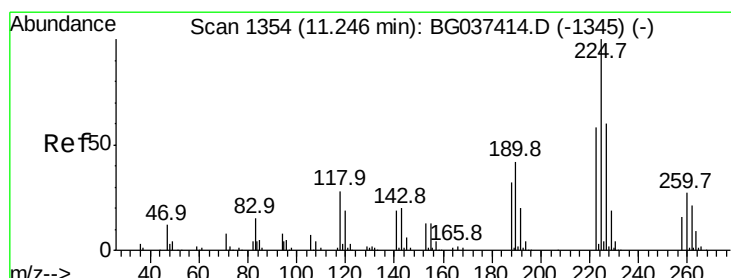
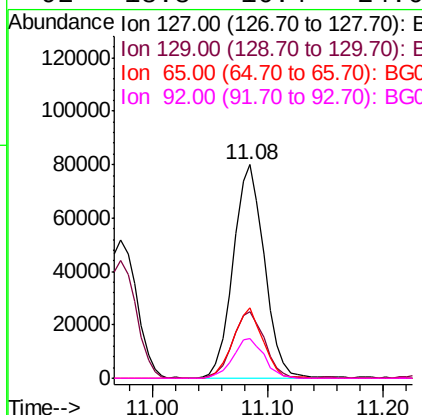
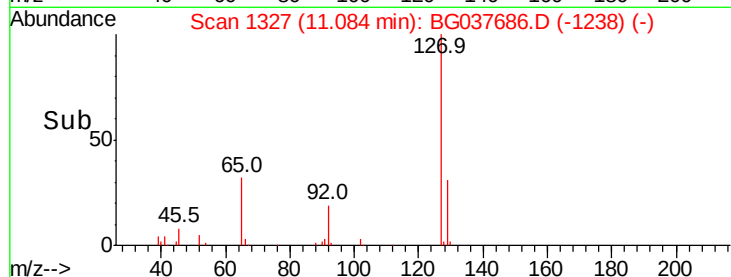
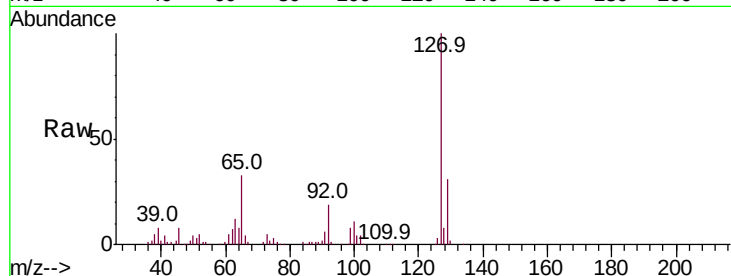
#33
4-Chloroaniline
Concen: 22.518 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	27.1	40.7	
65	32.7	26.6	39.8	
92	18.8	16.4	24.6	

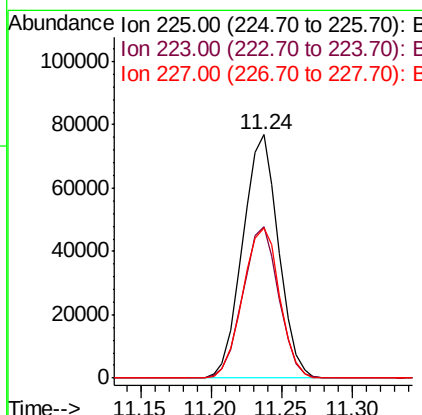
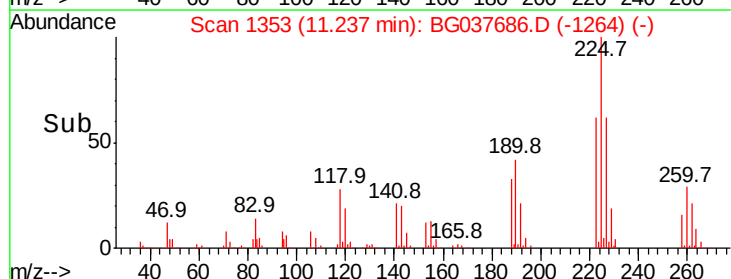
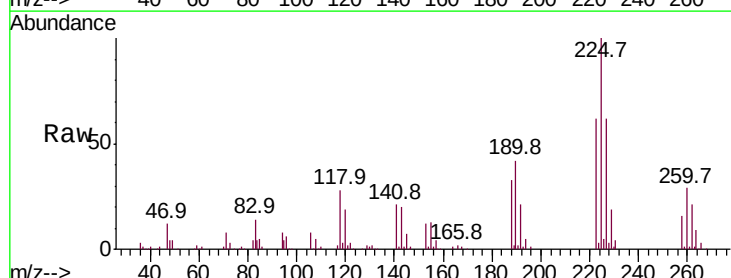
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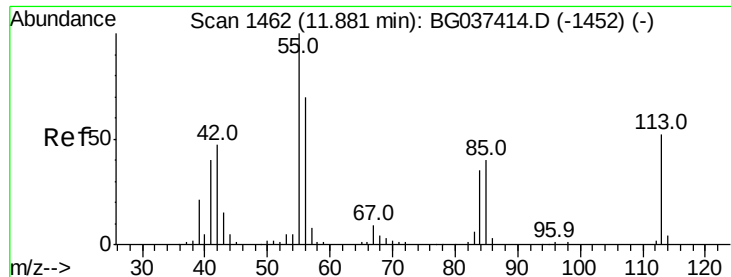
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#34
Hexachlorobutadiene
Concen: 44.157 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	48.2	72.4	
227	61.4	51.6	77.4	





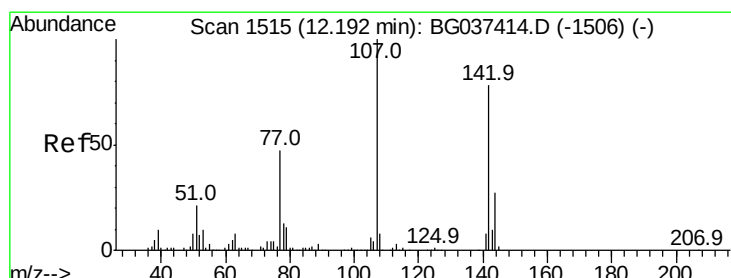
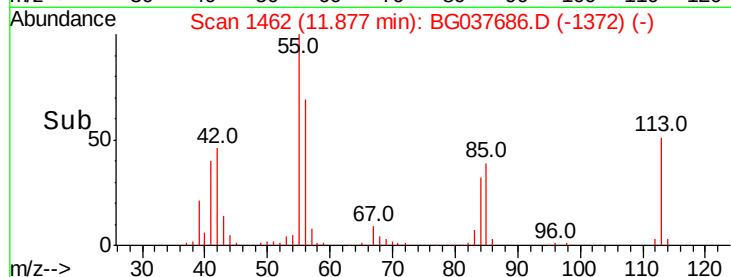
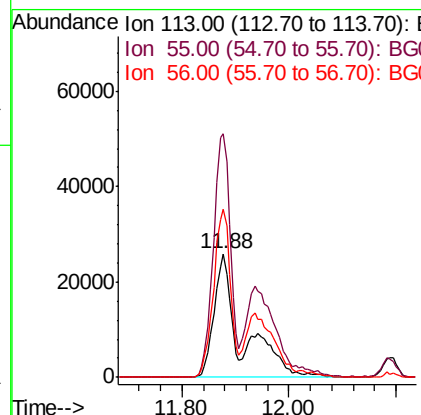
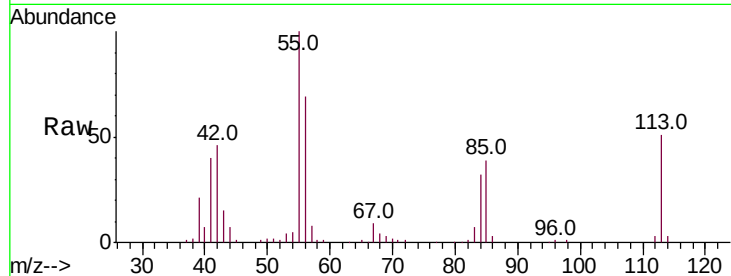
#35
 Caprolactam
 Concen: 47.367 ng/ml
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.8	176.6	216.6
56	135.5	128.3	168.3

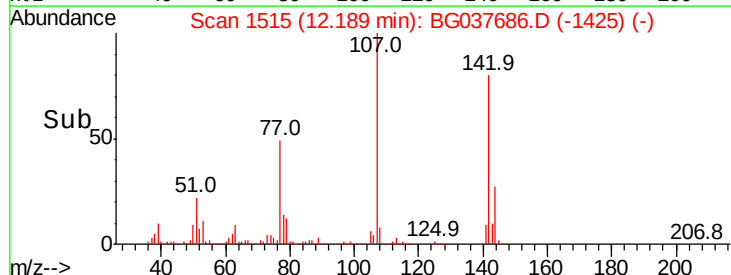
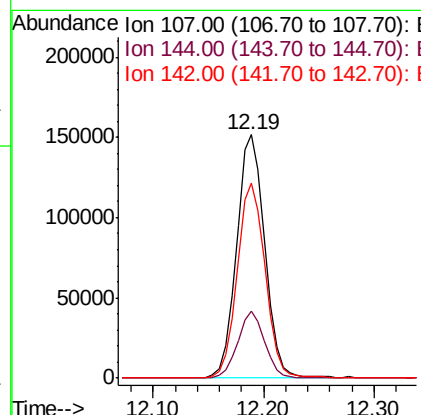
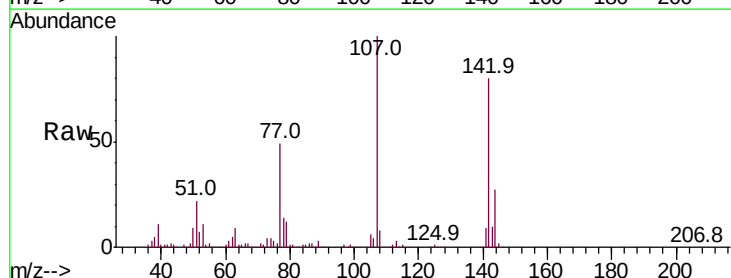
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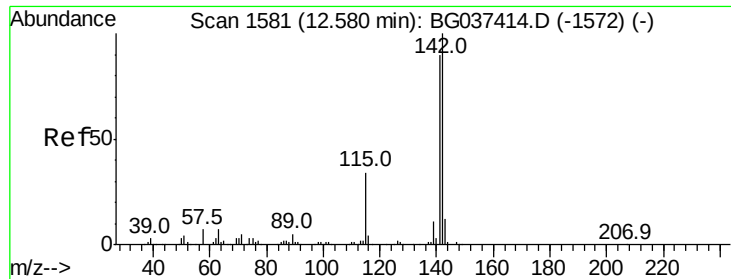
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#36
 4-Chloro-3-methylphenol
 Concen: 50.130 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.7	31.1
142	80.3	64.4	96.6





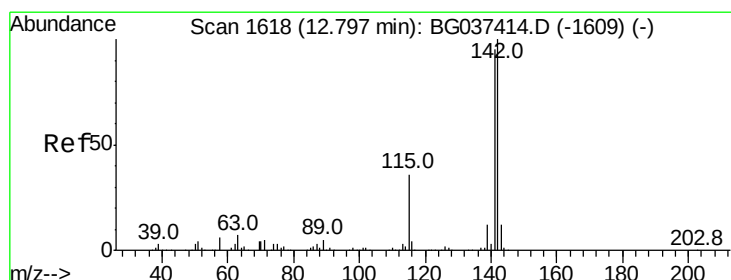
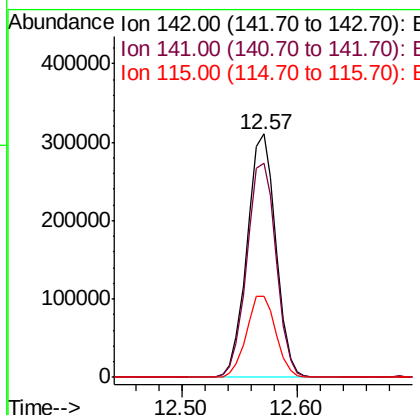
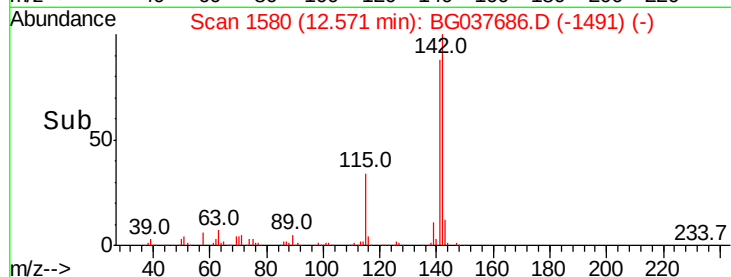
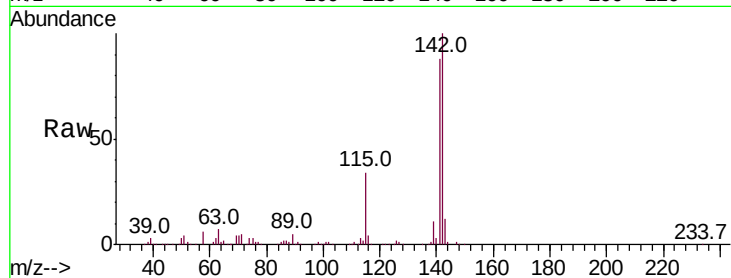
#37
2-Methylnaphthalene
Concen: 51.985 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.9	107.9
115	33.5	27.8	41.8

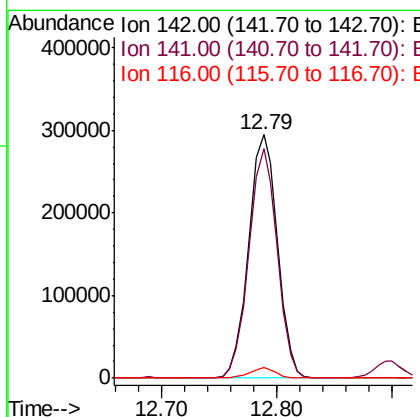
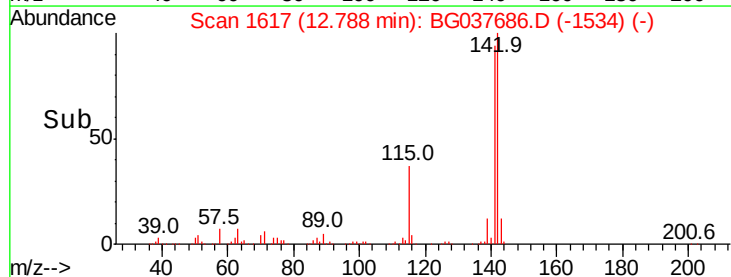
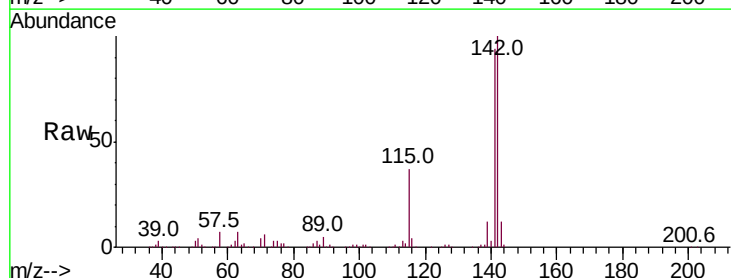
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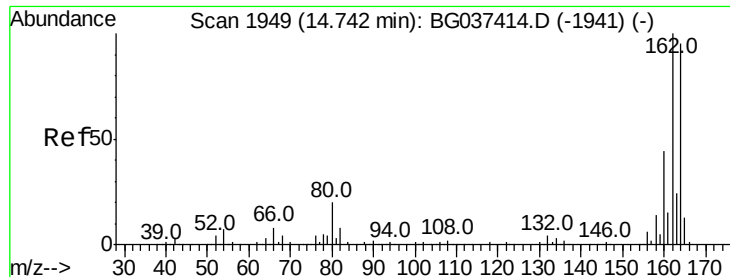
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#38
1-Methylnaphthalene
Concen: 51.060 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

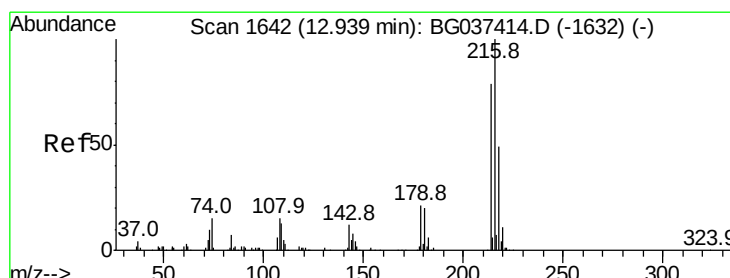
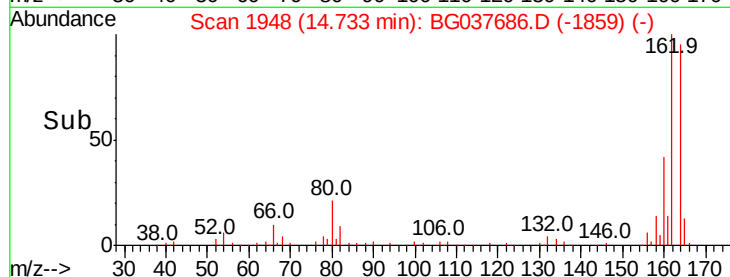
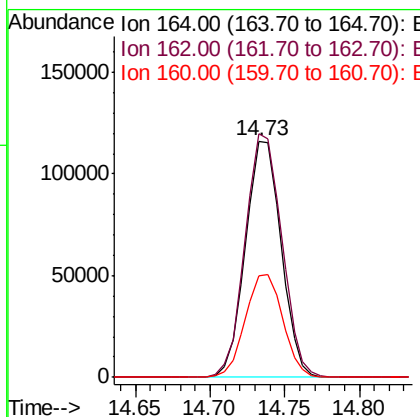
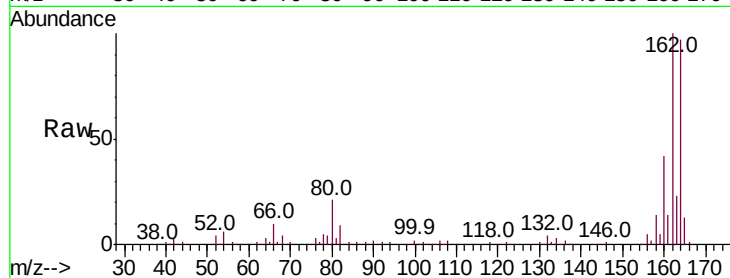
ClientSampleId :

TP-AMS

Tot Ion:	164	Resp:	191599
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.3	121.9
160	43.1	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.413 ng

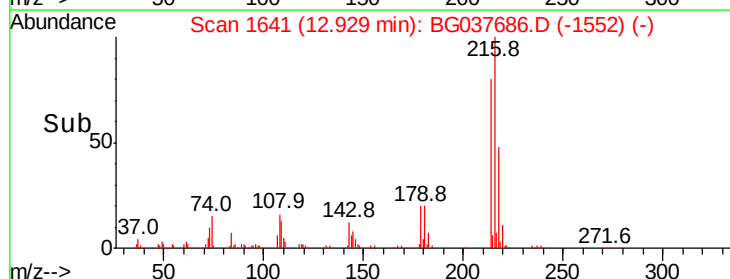
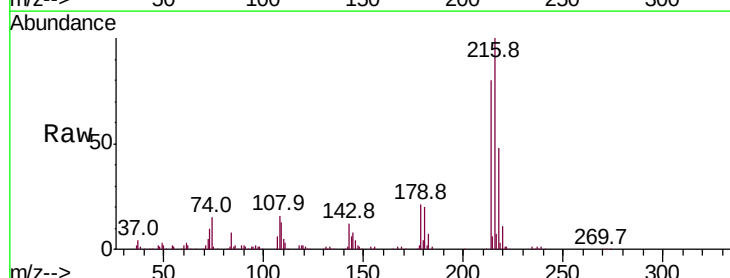
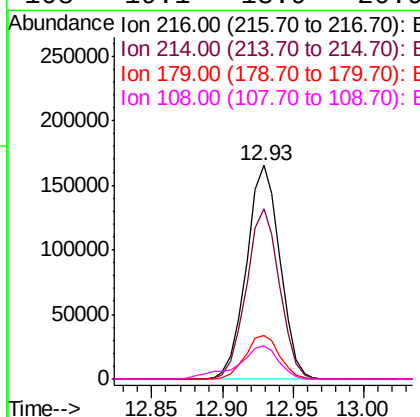
RT: 12.93 min Scan# 1641

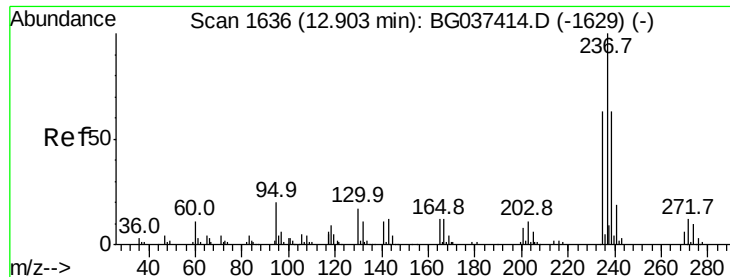
Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	216	Resp:	274475
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.6
179	20.8	17.4	26.0
108	19.1	13.9	20.9





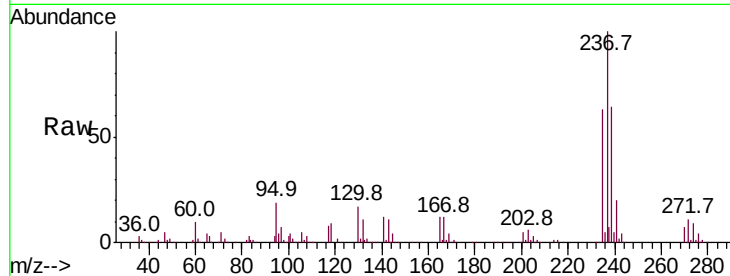
#41
Hexachlorocyclopentadiene
Concen: 103.431 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

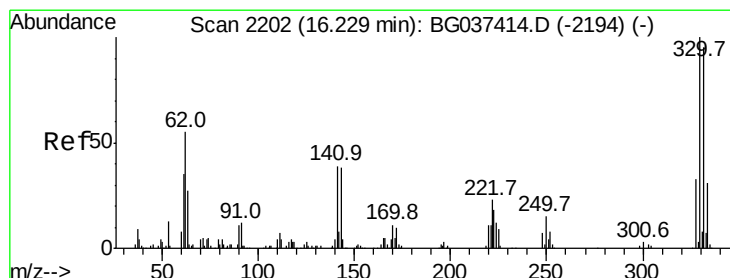
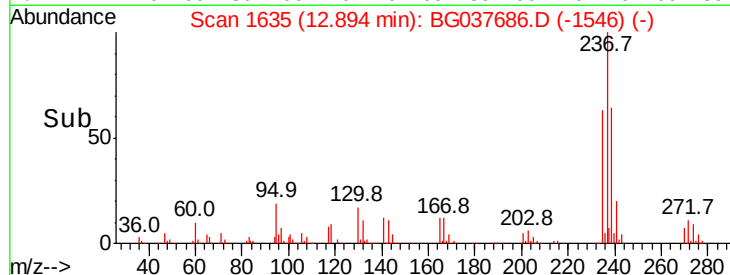
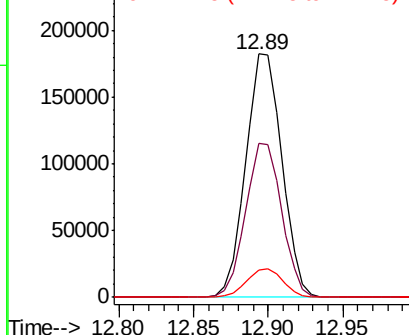
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	42.5	82.5
272	11.4	0.0	31.6

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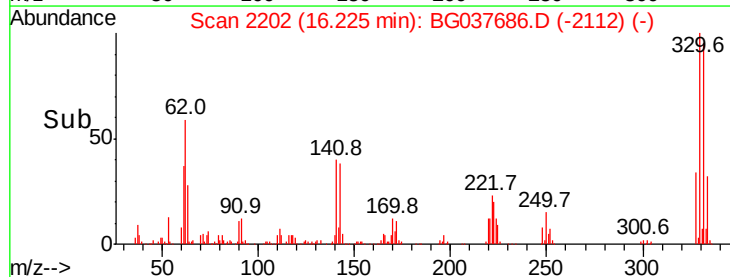
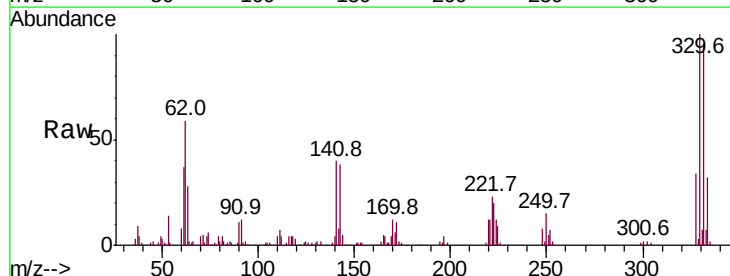
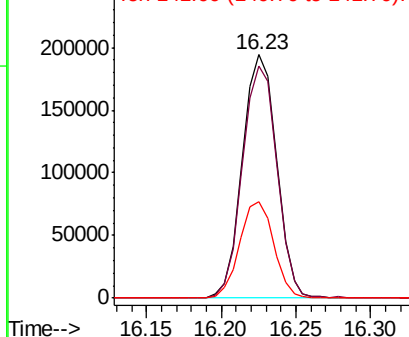
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

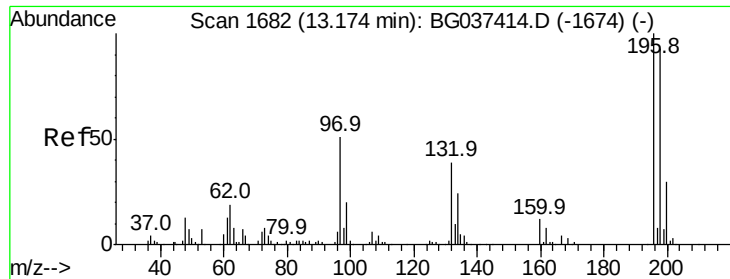


#42
2,4,6-Tribromophenol
Concen: 147.830 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	78.4	117.6
141	39.6	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





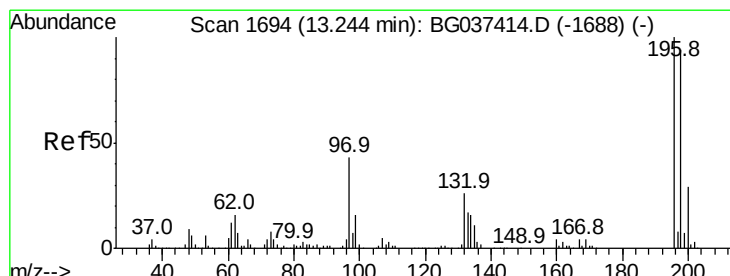
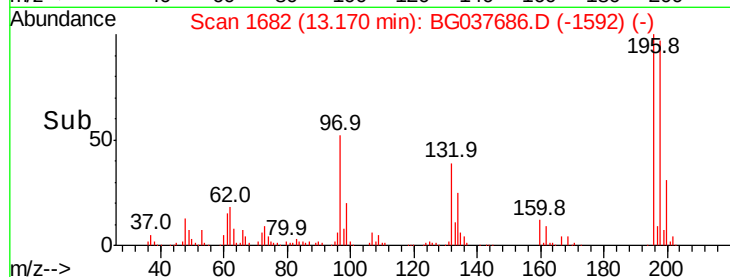
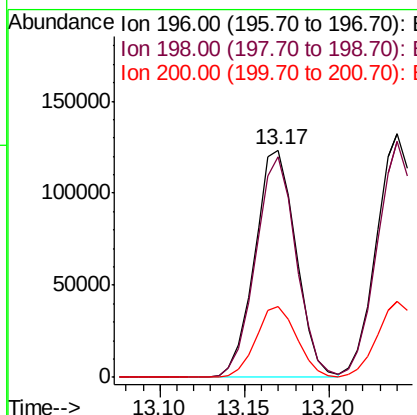
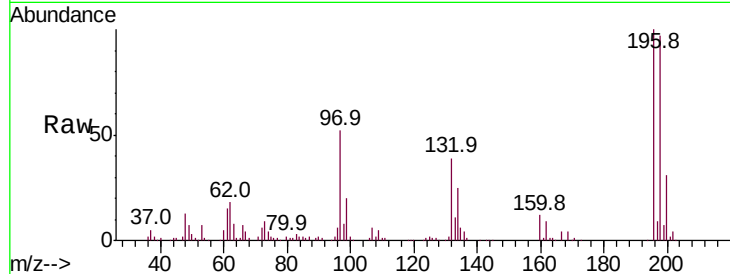
#43
 2,4,6-Trichlorophenol
 Concen: 50.426 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion:	196	Resp:	208201
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.4	114.6
200	31.1	24.9	37.3

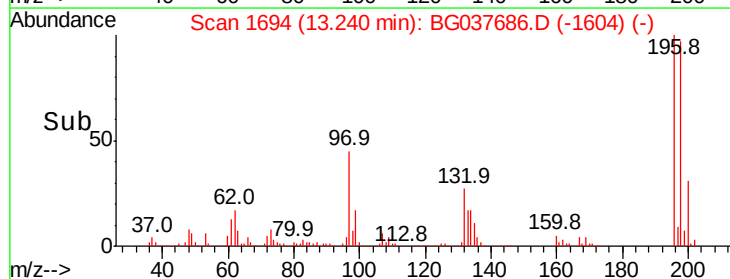
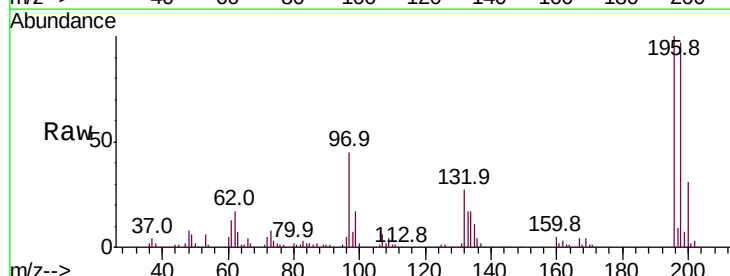
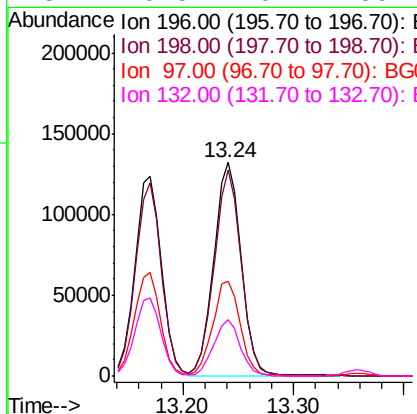
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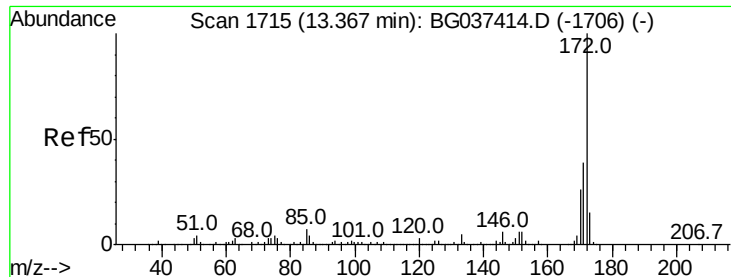
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.176 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Tgt Ion:	196	Resp:	225556
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.2	111.2
97	44.6	34.1	51.1
132	26.5	20.2	30.4





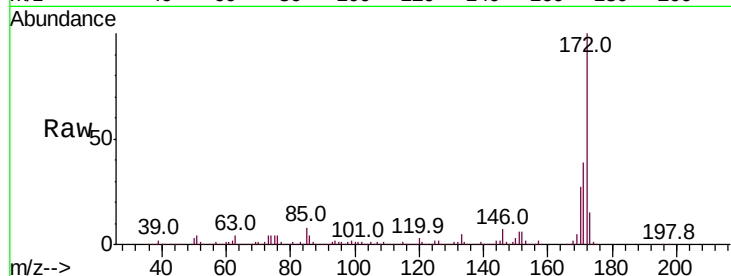
#45
2-Fluorobiphenyl
Concen: 93.583 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	26.8	20.2	30.2

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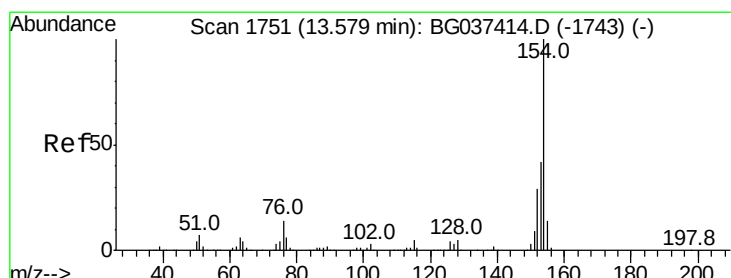
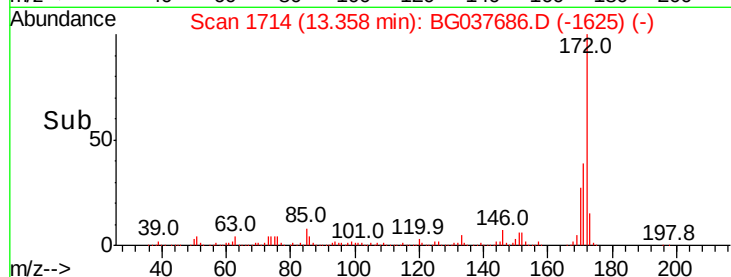
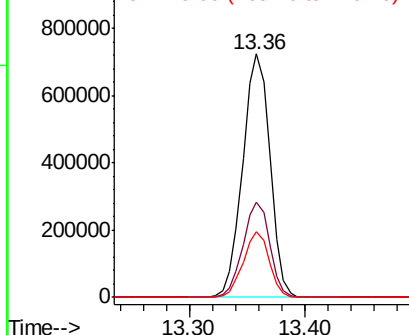


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.448 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

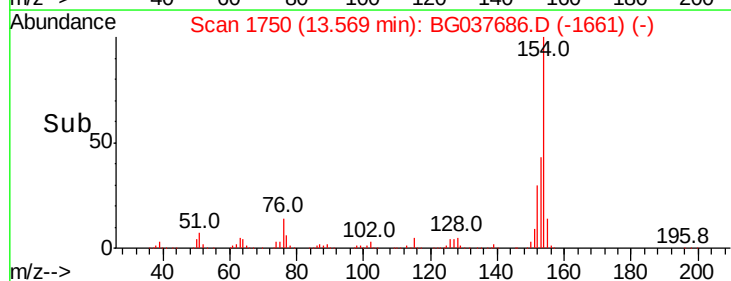
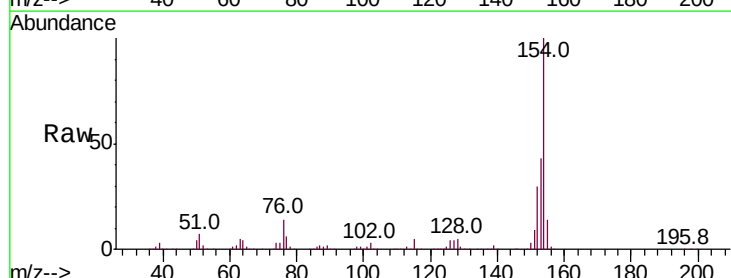
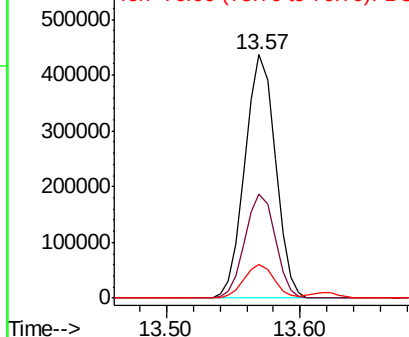
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	14.0	0.0	33.2

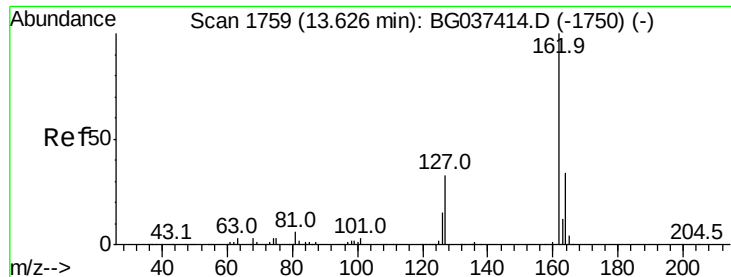
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





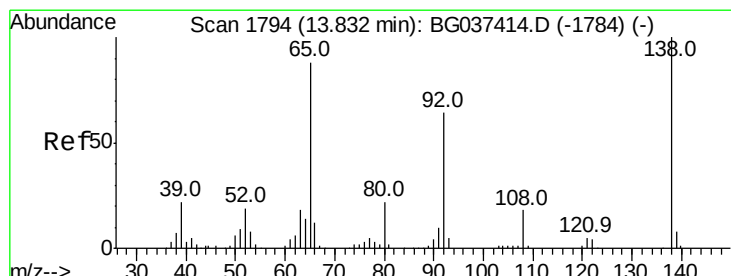
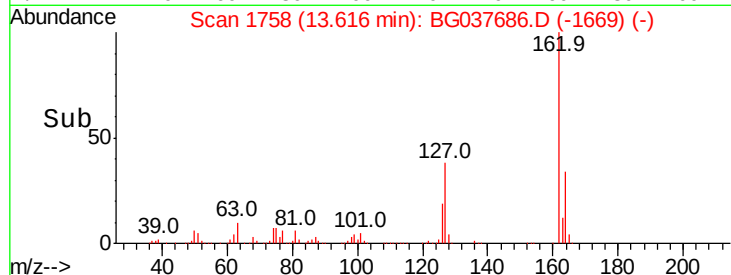
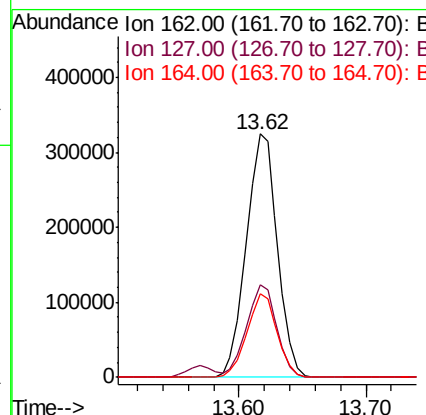
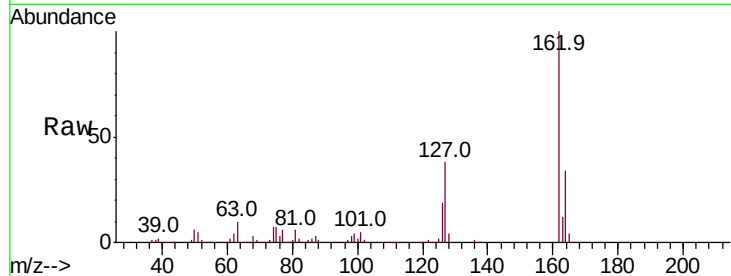
#47
2-Chloronaphthalene
Concen: 45.866 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	30.5	45.7
164	34.1	26.4	39.6

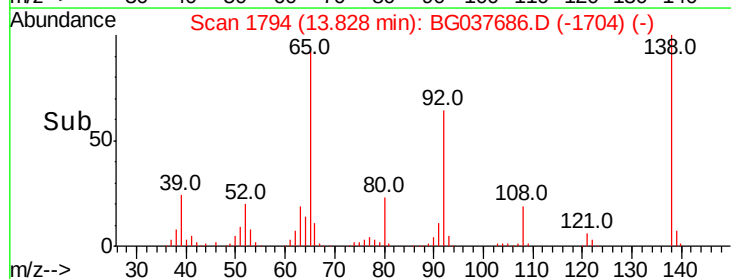
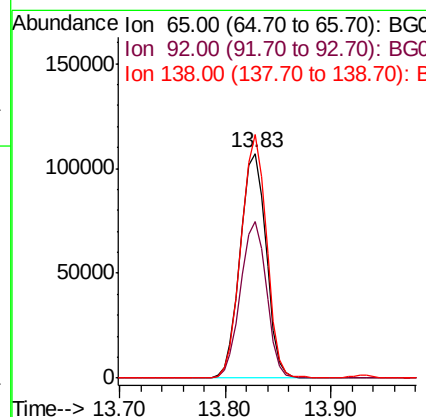
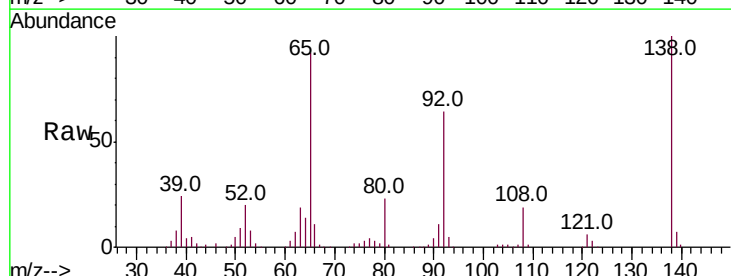
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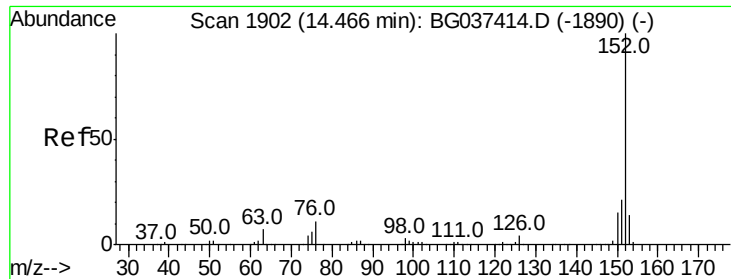
Sohil
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#48
2-Nitroaniline
Concen: 50.235 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.7	53.2	79.8
138	108.4	79.3	118.9





#49

Acenaphthylene

Concen: 49.633 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

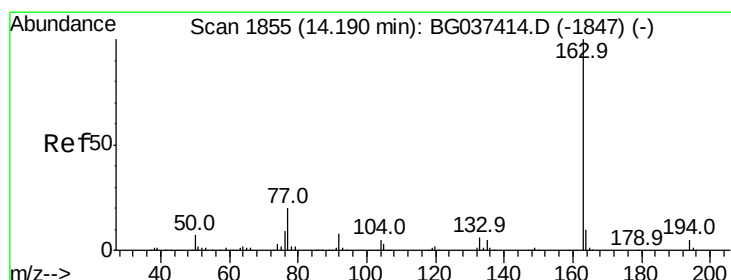
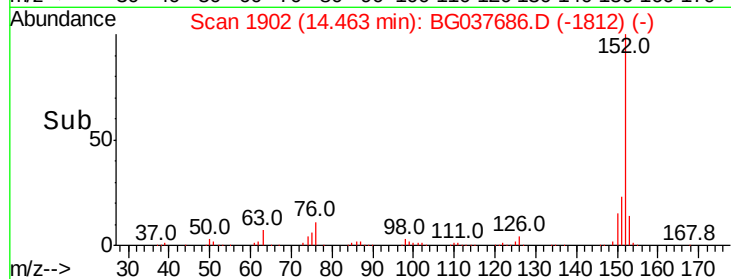
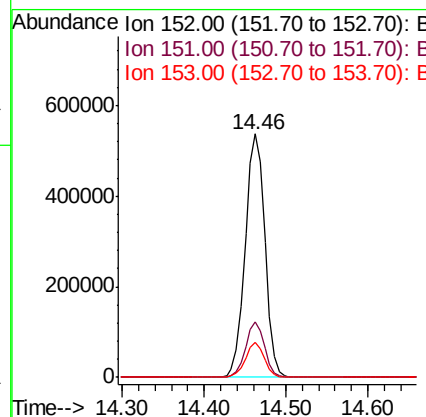
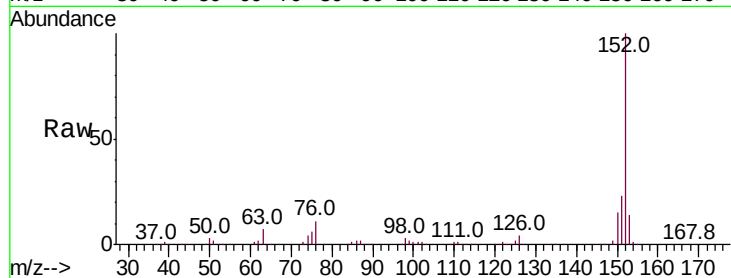
ClientSampleId :

TP-AMS

Tot Ion:	152	Resp:	896292
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.1	25.7
153	14.3	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 56.597 ng

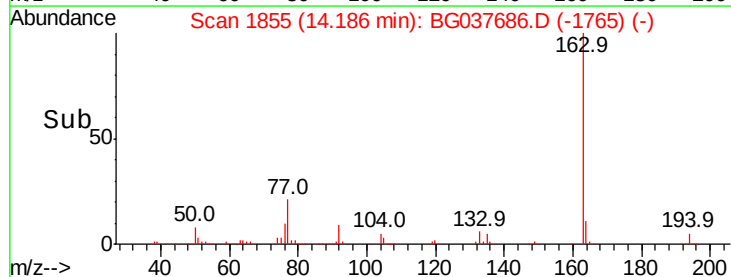
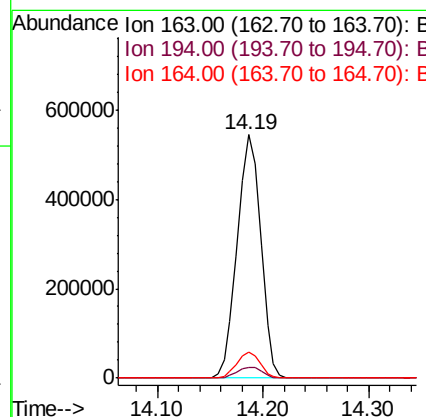
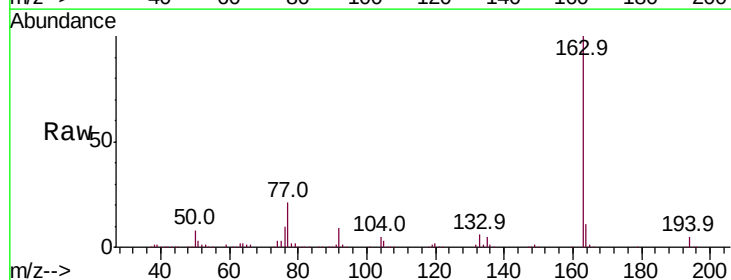
RT: 14.19 min Scan# 1855

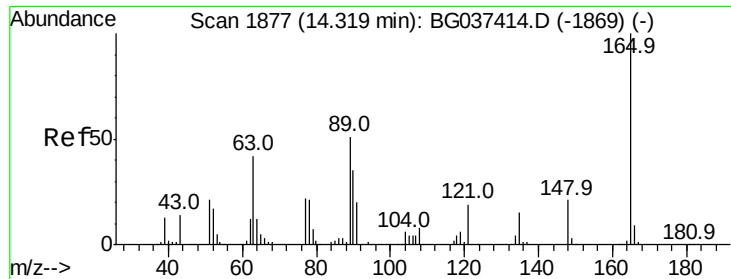
Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	163	Resp:	838903
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.9	8.5	12.7





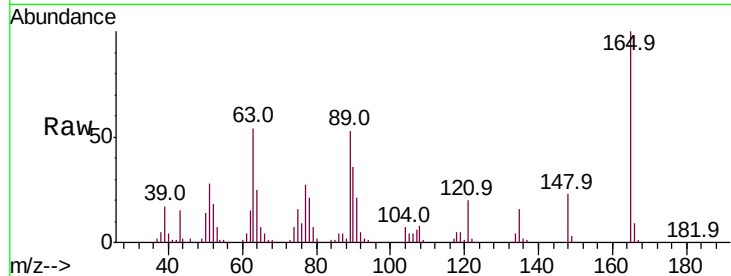
#51
 2,6-Dinitrotoluene
 Concen: 49.737 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

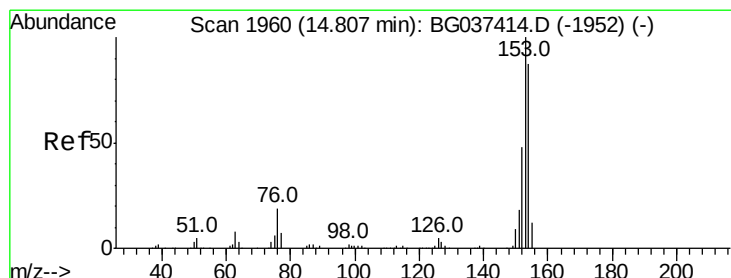
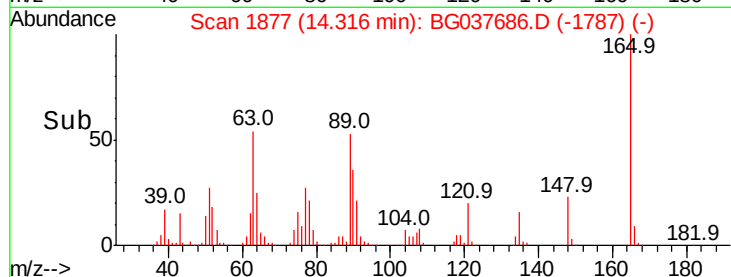
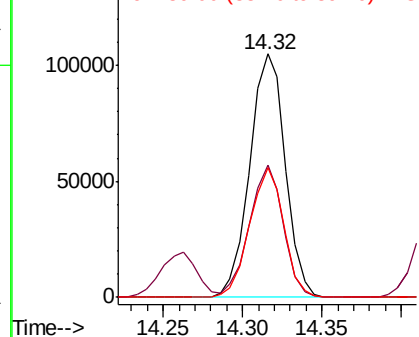
Tot Ion	Ratio	Resp	Lower	Upper
165	100	163088		
63	54.5	43.4	65.2	
89	53.5	45.8	68.6	

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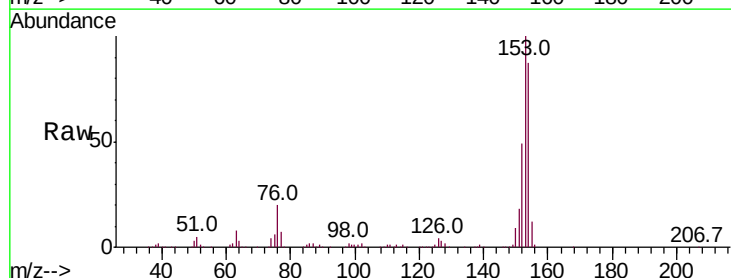


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

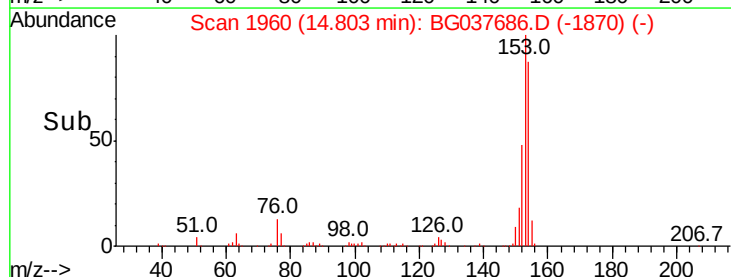
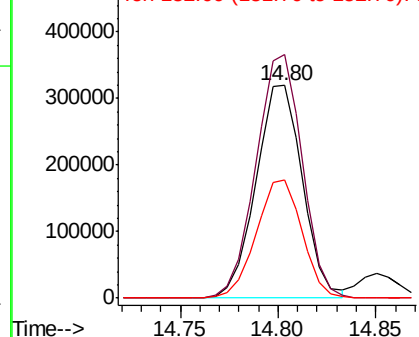


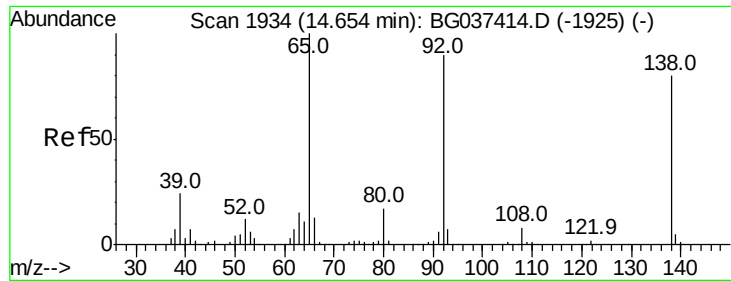
#52
 Acenaphthene
 Concen: 47.457 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037686.D
 Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	527790		
153	114.7	93.4	140.0	
152	55.6	44.7	67.1	



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





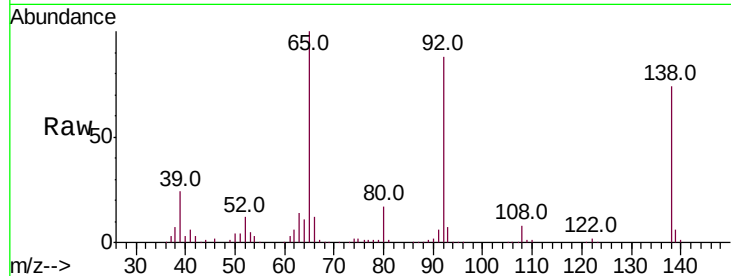
#53
3-Nitroaniline
Concen: 34.351 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.0	16.6#
92	118.6	95.2	142.8

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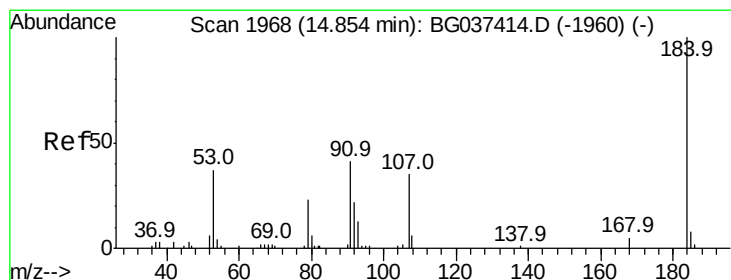
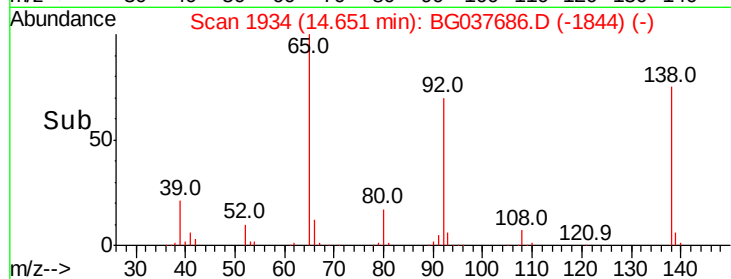
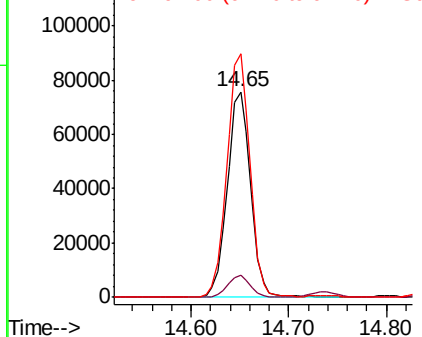


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 76.044 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

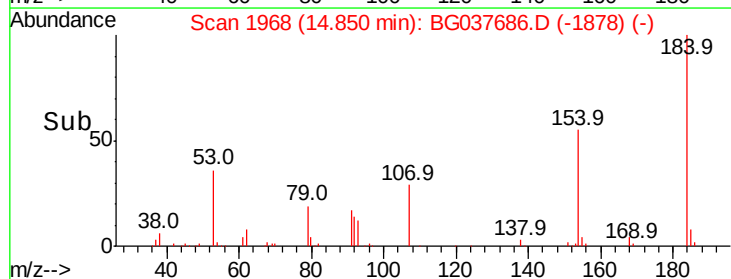
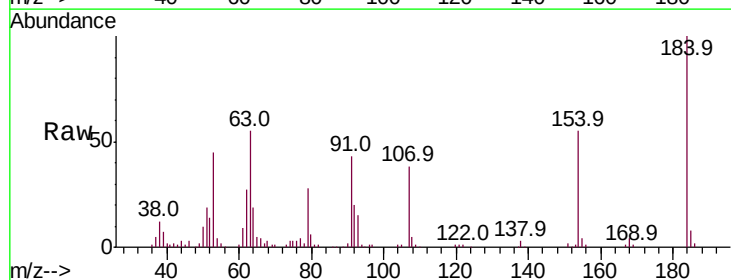
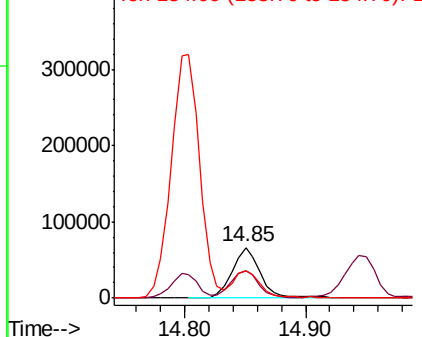
Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	42.6	63.8
154	55.0	41.8	62.6

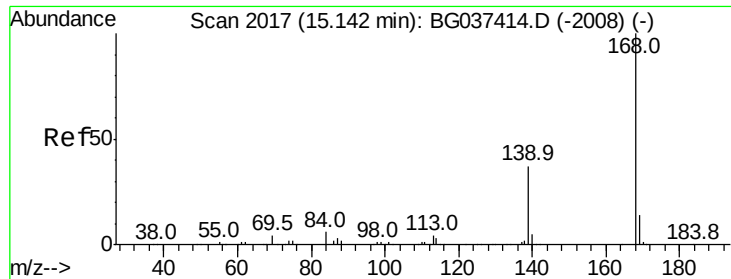
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





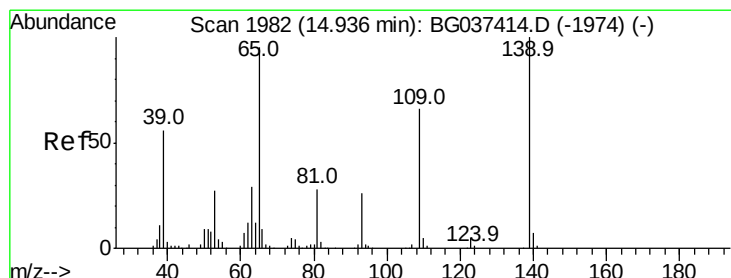
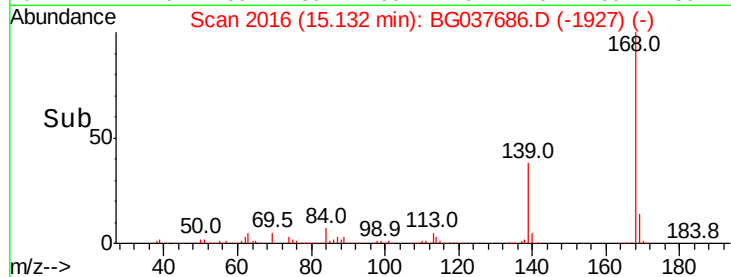
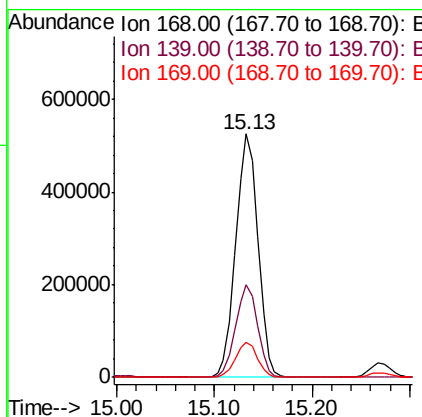
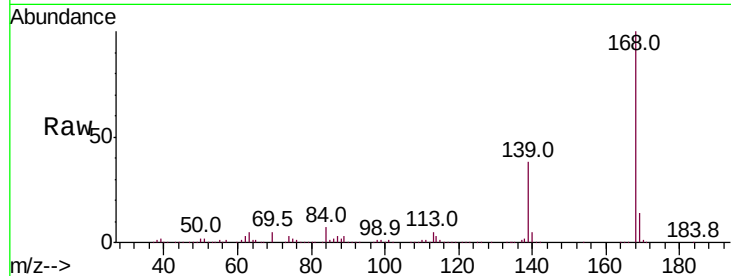
#55
Dibenzofuran
Concen: 45.063 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.4	44.0
169	14.2	11.0	16.6

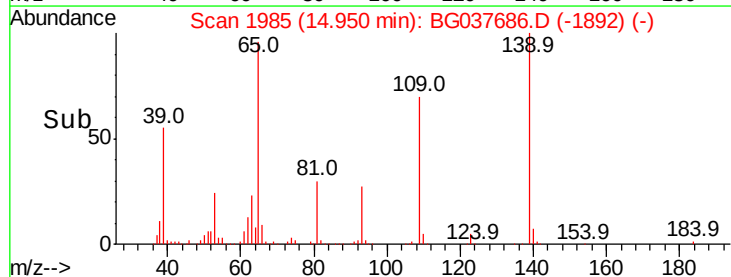
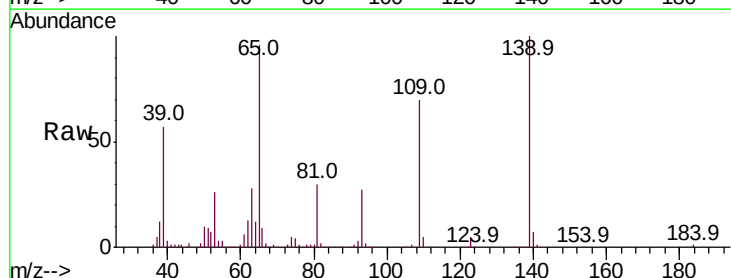
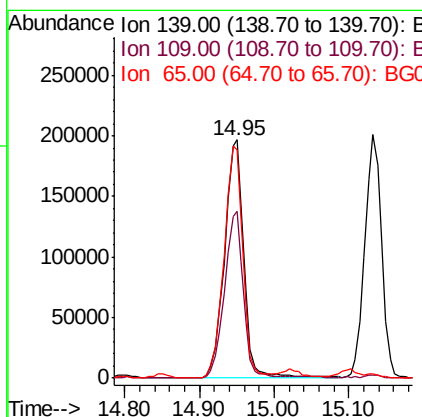
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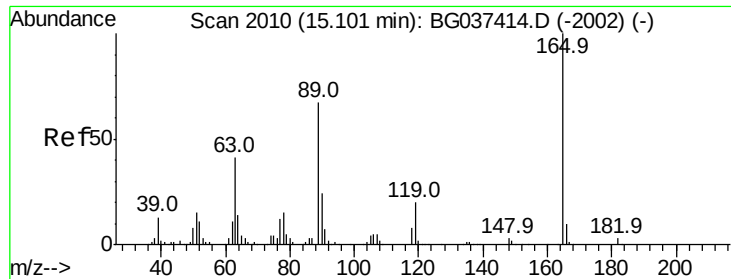
Sohil
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#56
4-Nitrophenol
Concen: 132.118 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	49.5	89.5
65	96.2	76.8	116.8





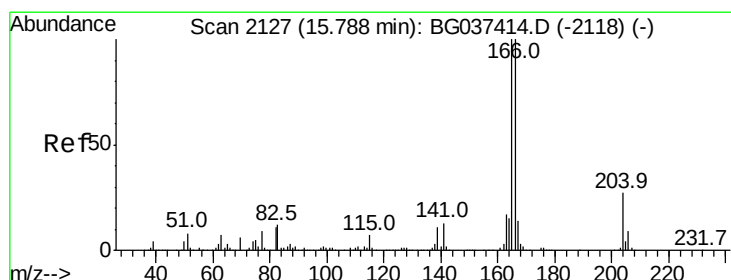
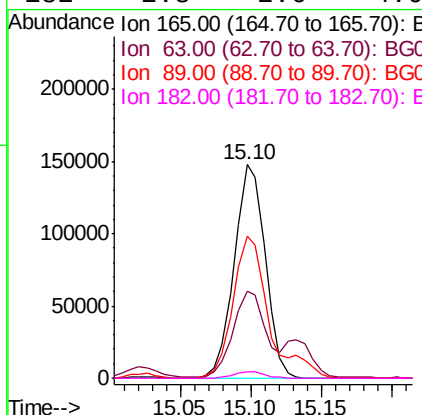
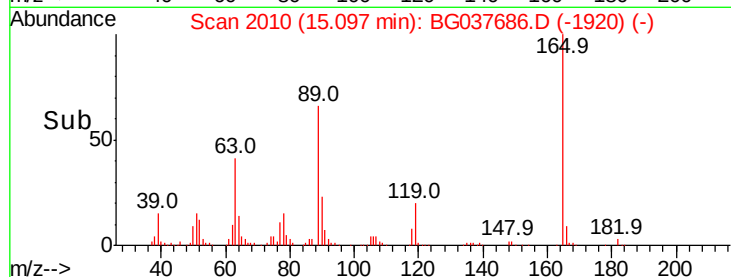
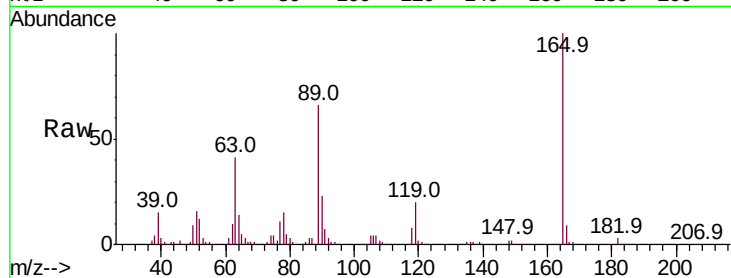
#57
2,4-Dinitrotoluene
Concen: 52.707 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	226866		
63	40.9	33.4	50.0	
89	66.4	57.2	85.8	
182	2.8	2.6	4.0	

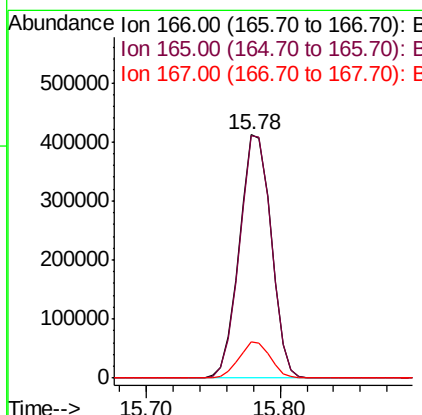
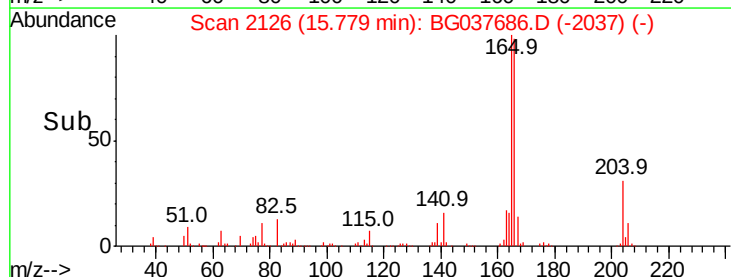
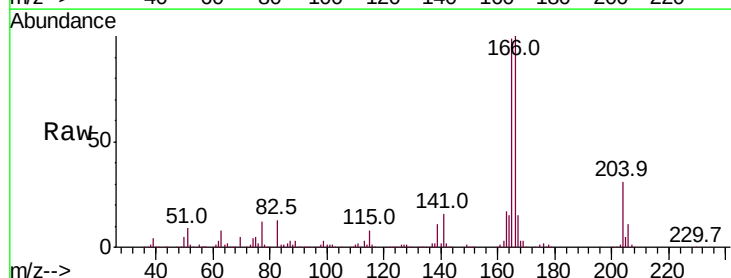
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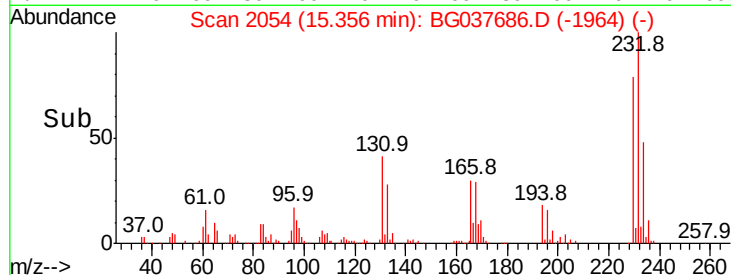
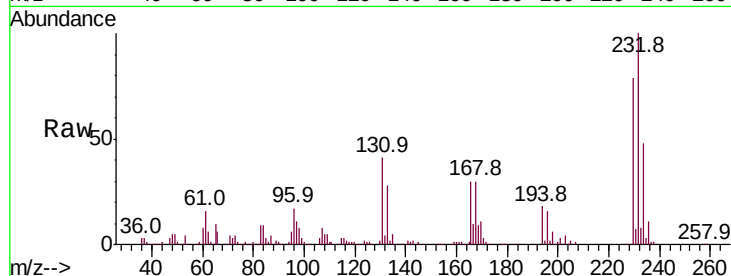
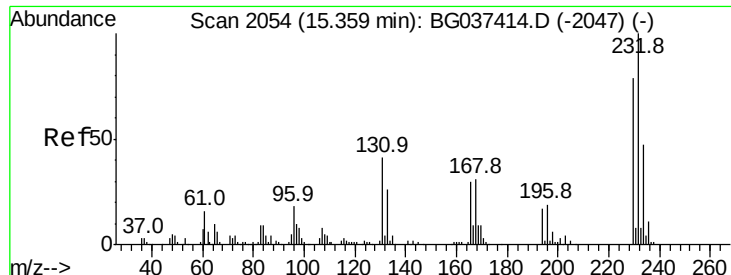
Sohil
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#58
Fluorene
Concen: 49.094 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	677430		
165	99.5	79.0	118.6	
167	14.7	11.3	16.9	





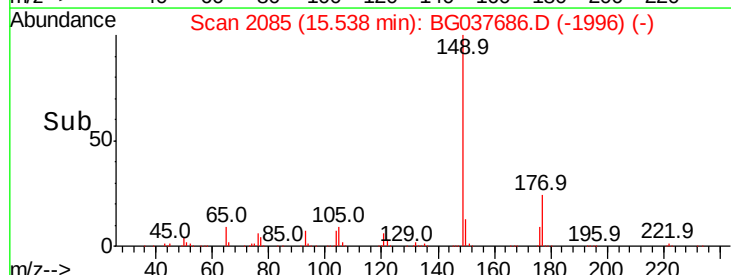
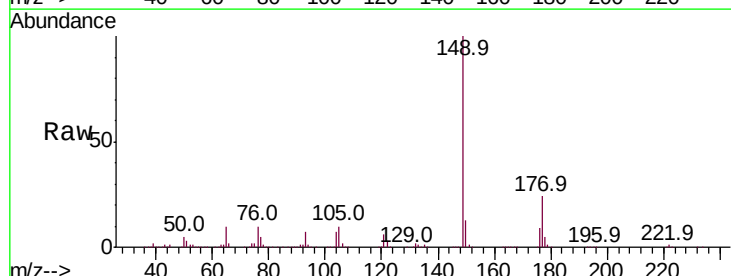
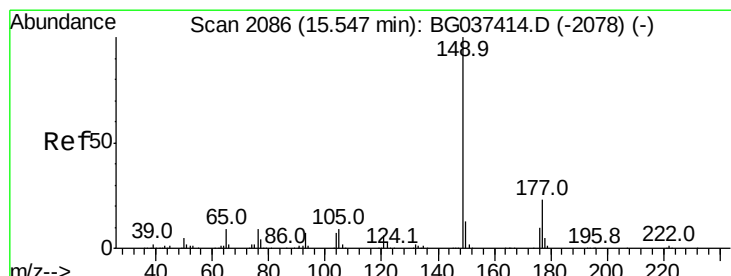
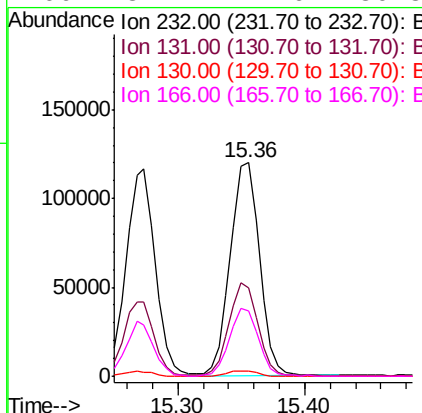
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.913 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	192113		
131	43.6	33.7	50.5	
130	2.5	2.1	3.1	
166	31.4	24.6	36.8	

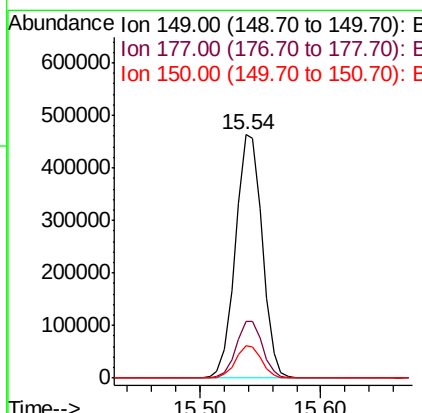
Manual Integrations
APPROVED

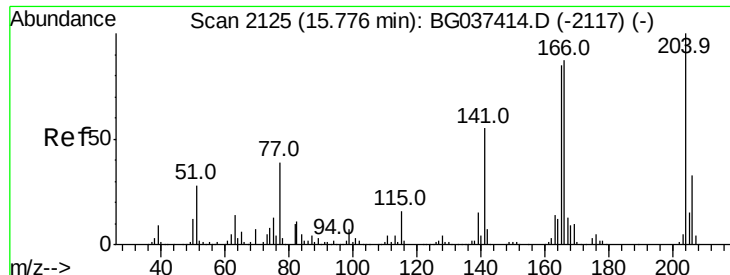
Sohil
11/1/2018 10:43:46 AM



#60
Diethylphthalate
Concen: 46.864 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	713147		
177	23.5	18.3	27.5	
150	13.2	10.0	15.0	





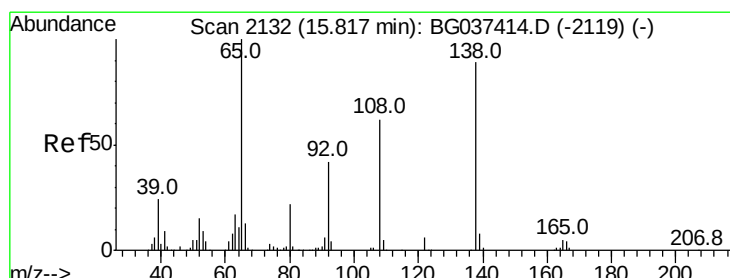
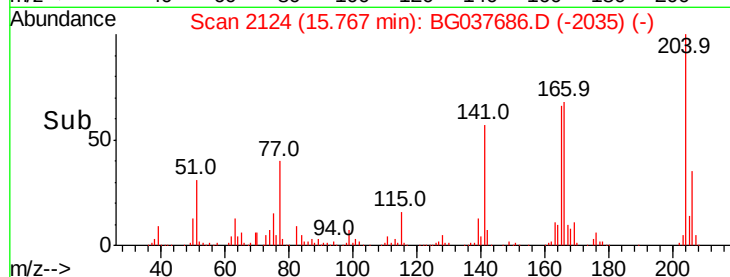
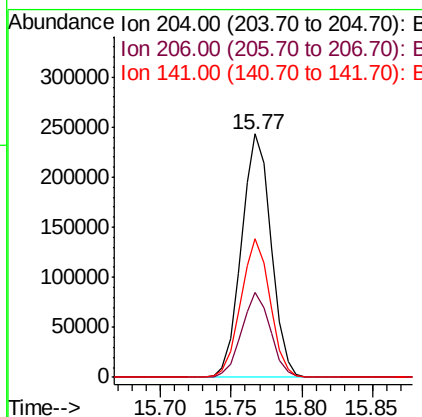
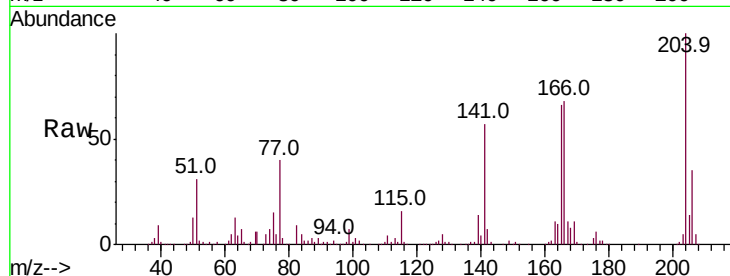
#61
4-Chlorophenyl-phenylether
Concen: 44.308 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.6	39.8
141	56.9	45.4	68.2

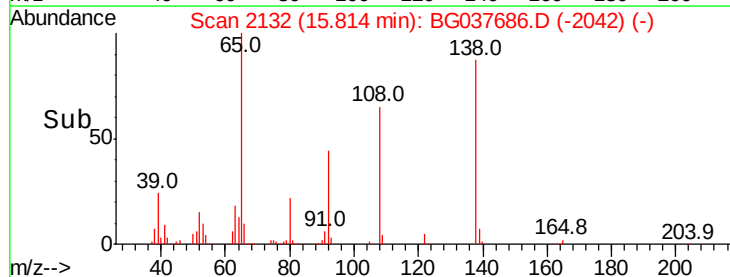
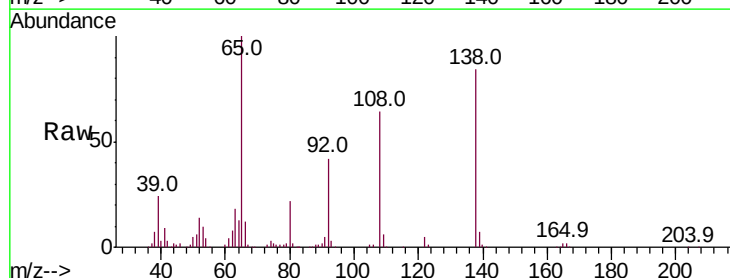
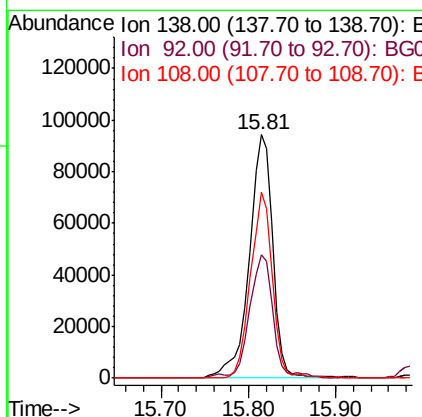
Manual Integrations
APPROVED

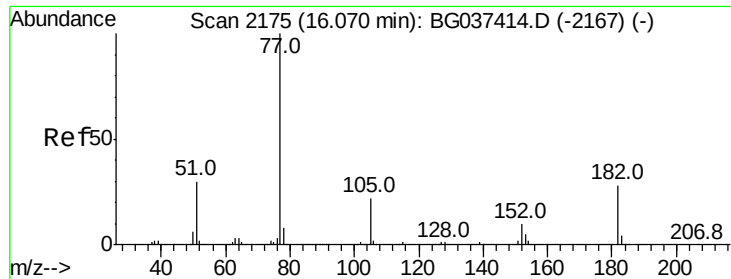
Sohil
11/1/2018 10:43:46 AM



#62
4-Nitroaniline
Concen: 47.366 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	36.4	76.4
108	76.5	60.1	100.1





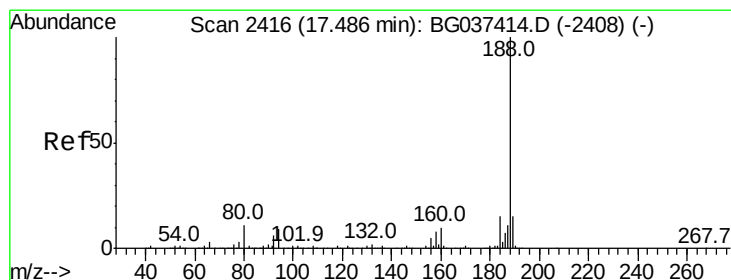
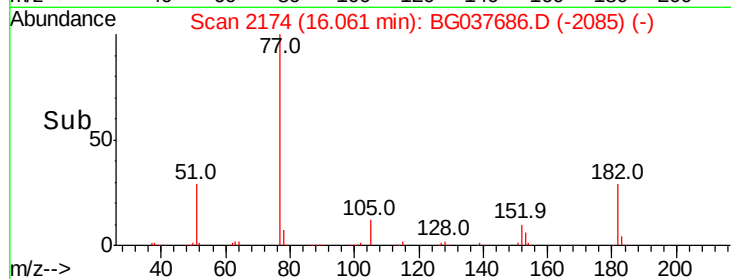
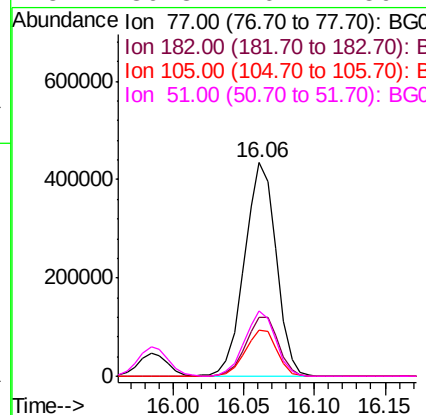
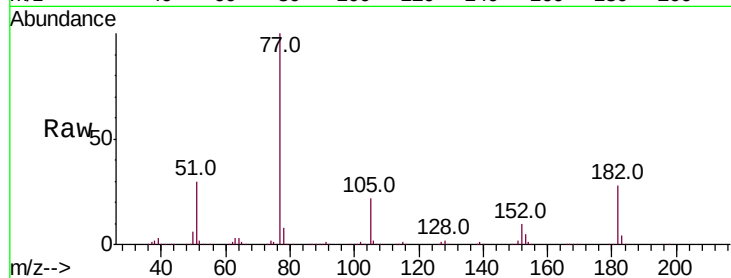
#63
Azobenzene
Concen: 46.887 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		680770		
182	27.6	8.0	48.0		
105	21.5	1.3	41.3		
51	30.3	10.7	50.7		

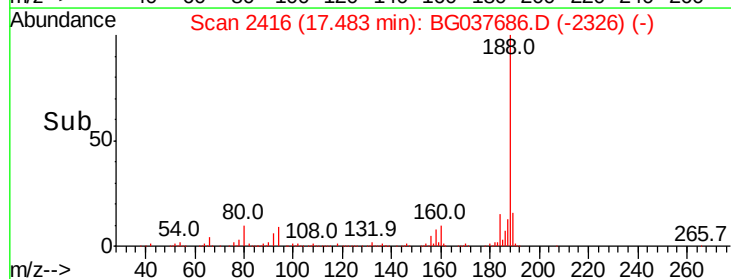
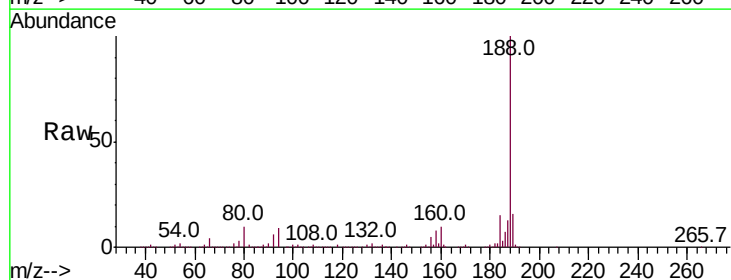
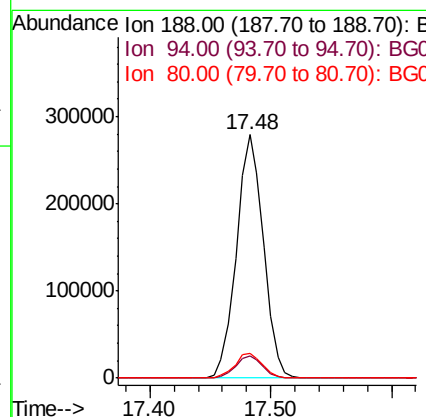
Manual Integrations
APPROVED

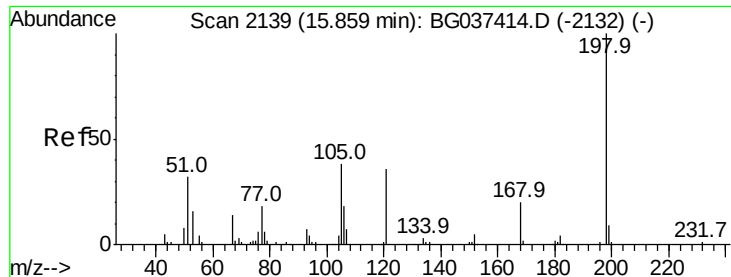
Sohil
11/1/2018 10:43:46 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		432892		
94	9.1	7.2	10.8		
80	10.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.749 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

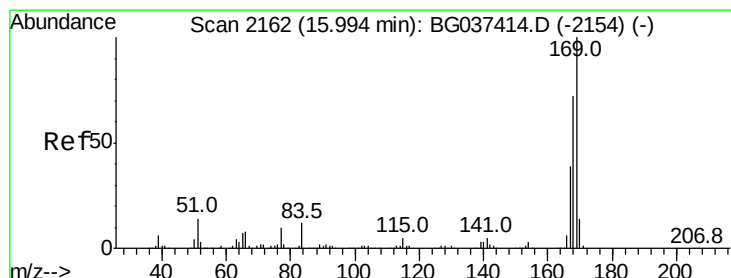
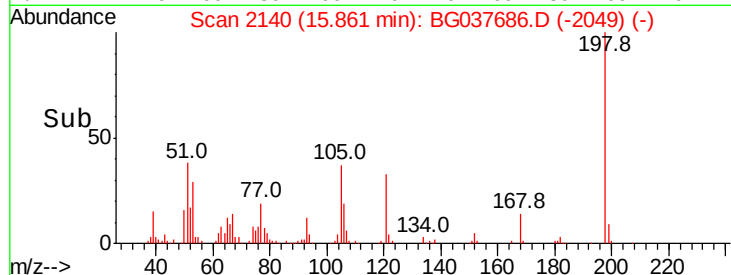
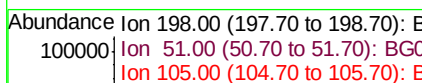
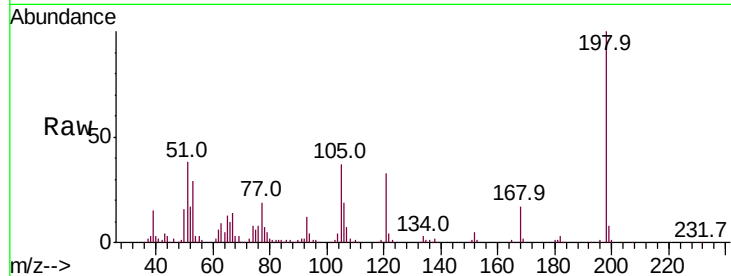
ClientSampled :

TP-AMS

Tot Ion:	198	Resp:	111107
Ion Ratio	Lower	Upper	
198	100		
51	37.7	22.7	62.7
105	37.2	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.923 ng

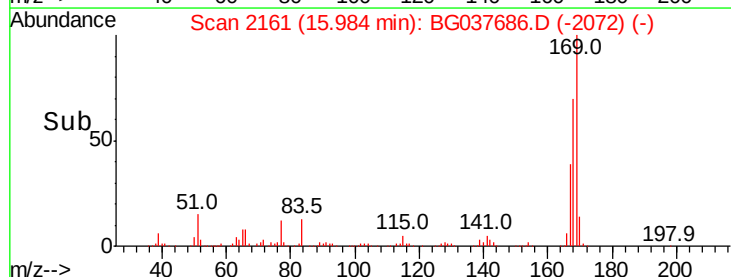
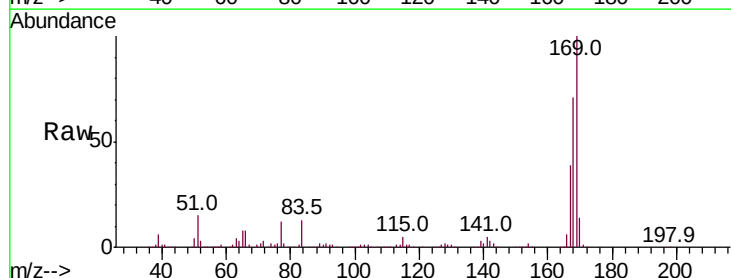
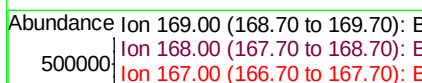
RT: 15.98 min Scan# 2161

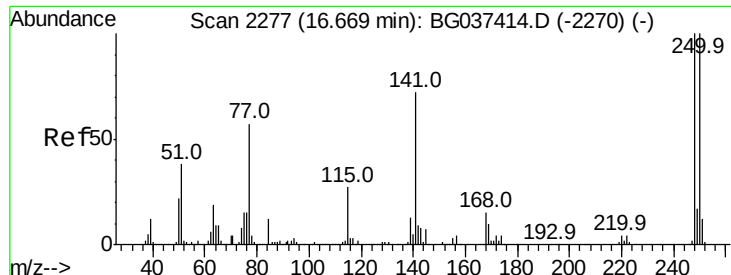
Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	169	Resp:	611006
Ion Ratio	Lower	Upper	
169	100		
168	70.5	55.7	83.5
167	39.3	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 47.383 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

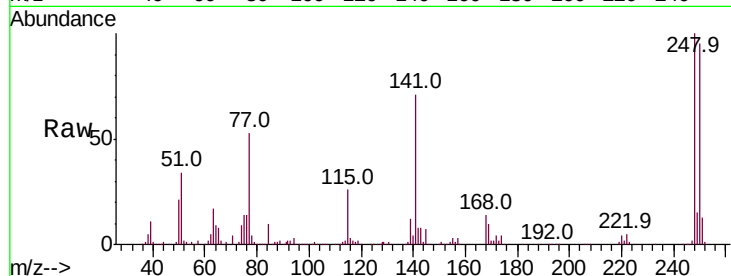
ClientSampled :

TP-AMS

Tot Ion:	248	Resp:	225254
Ion Ratio	Lower	Upper	
248	100		
250	94.5	77.0	115.6
141	70.5	55.5	83.3

Manual Integrations
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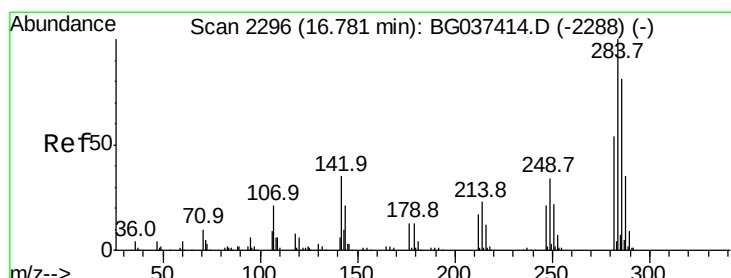
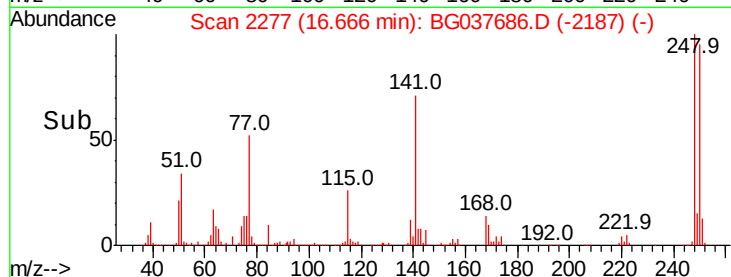
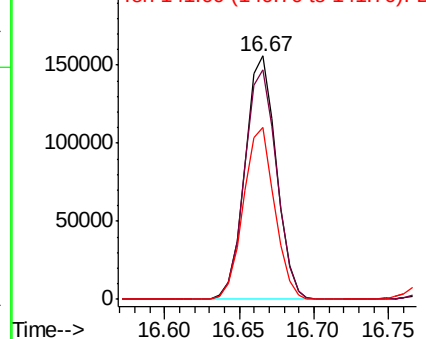


Abundance

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: 45.481 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

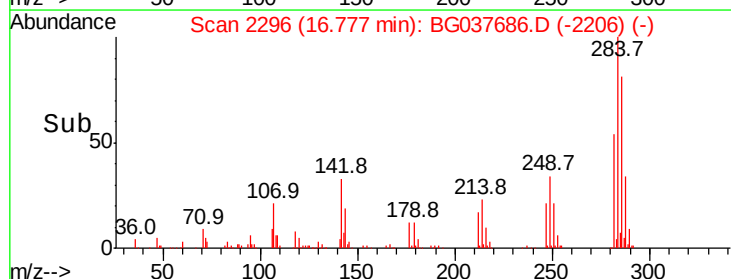
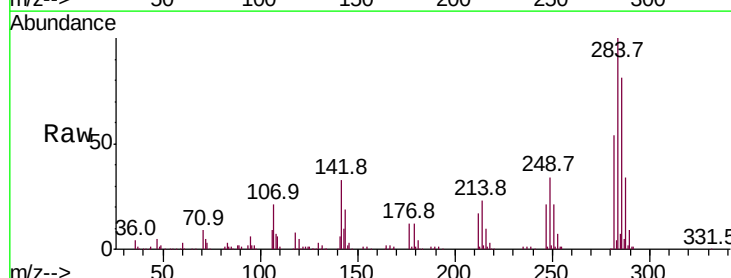
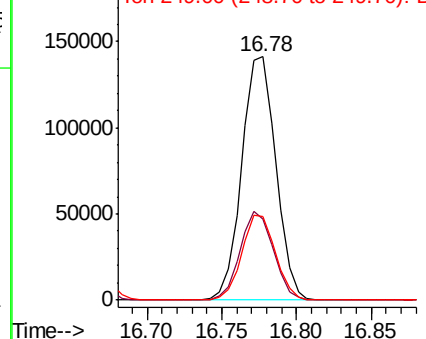
Tgt Ion:	284	Resp:	224082
Ion Ratio	Lower	Upper	
284	100		
142	33.3	28.1	42.1
249	36.5	29.8	44.8

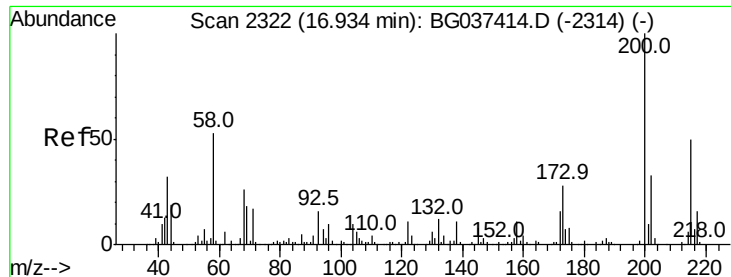
Abundance

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





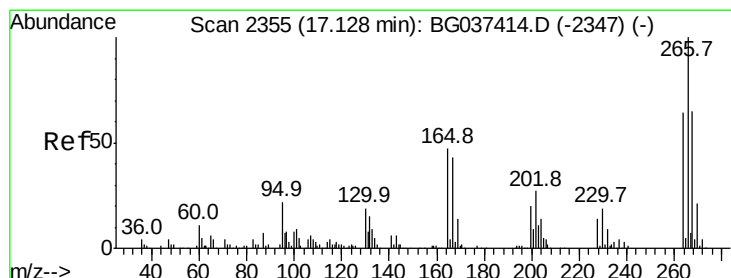
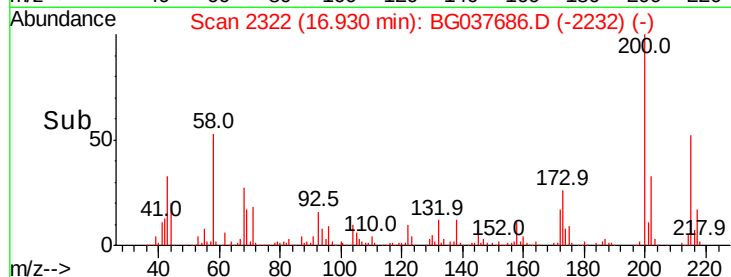
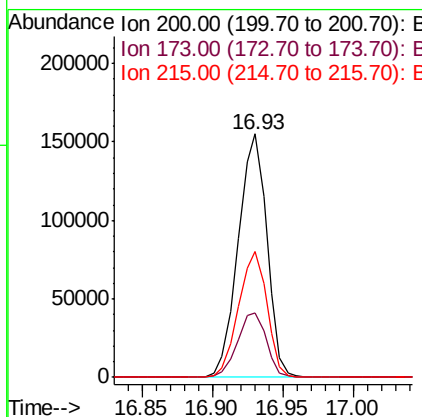
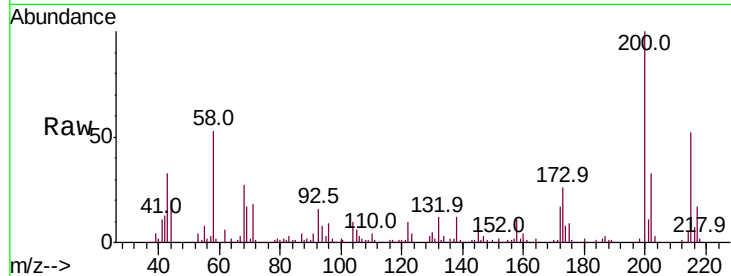
#69
Atrazine
Concen: 46.857 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.1	46.1
215	51.5	30.8	70.8

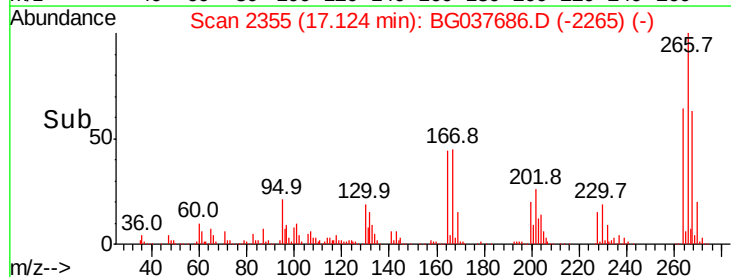
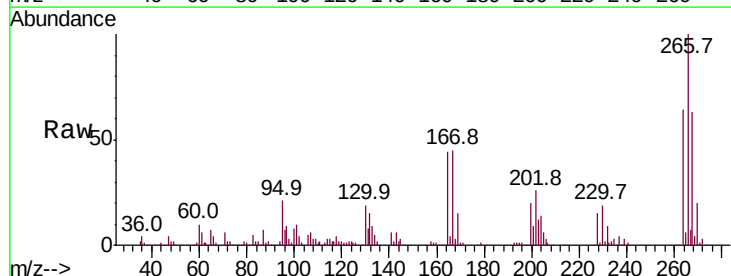
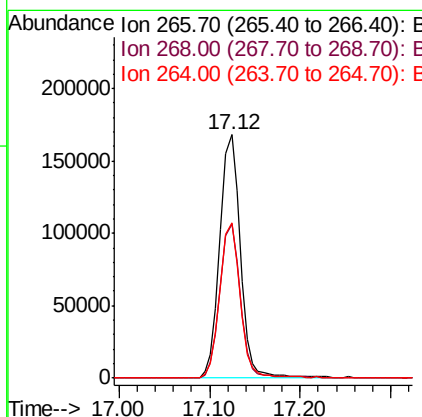
Manual Integrations
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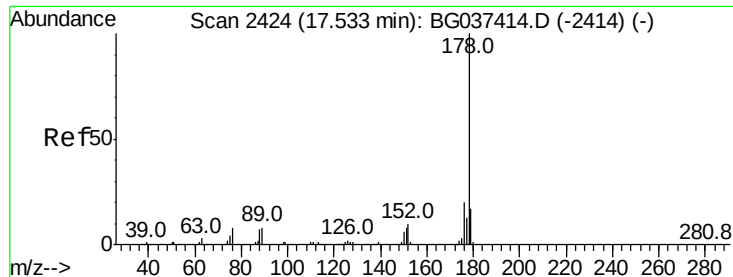
Sohil
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#70
Pentachlorophenol
Concen: 80.671 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.0	82.6
264	69.0	58.9	88.3





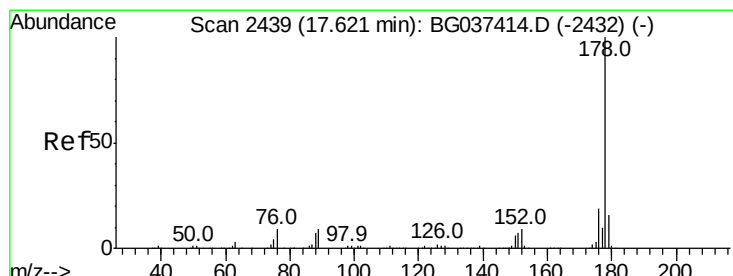
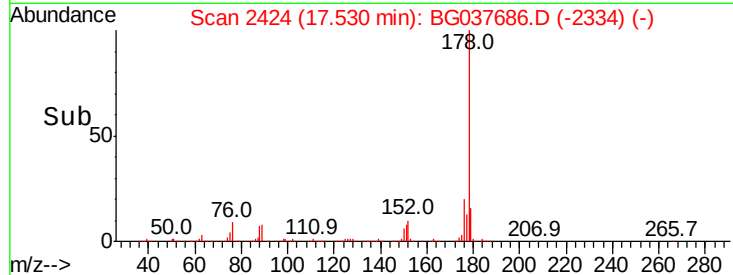
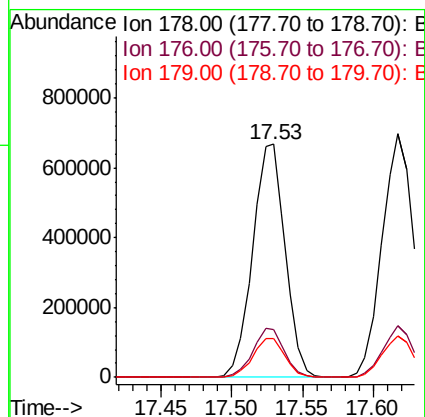
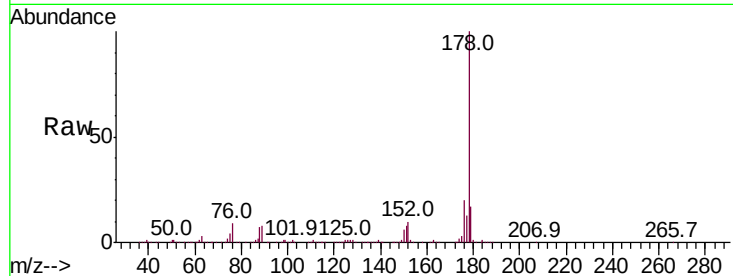
#71
Phenanthrene
Concen: 49.134 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.5	13.0	19.4

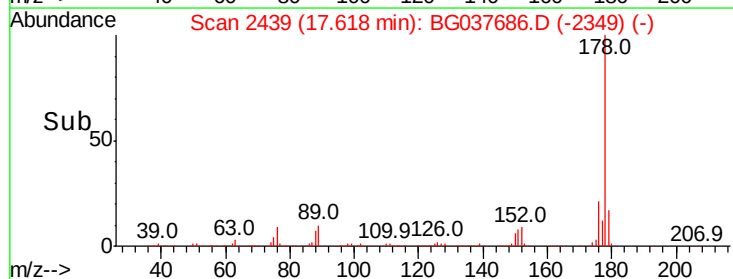
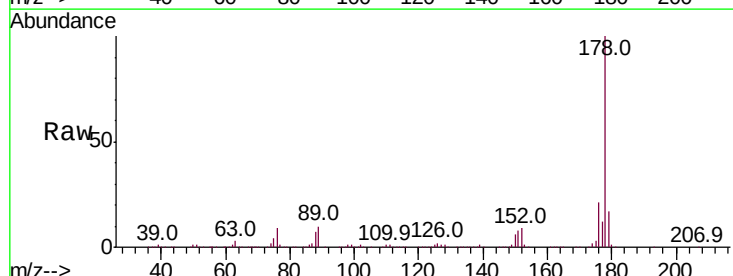
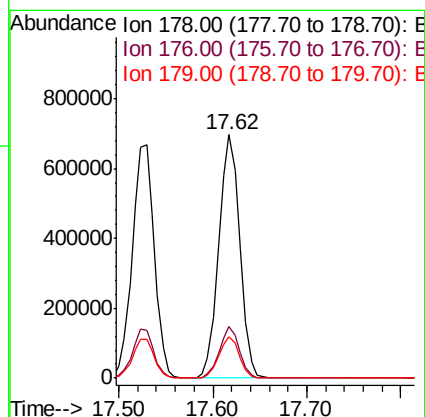
Manual Integrations
APPROVED

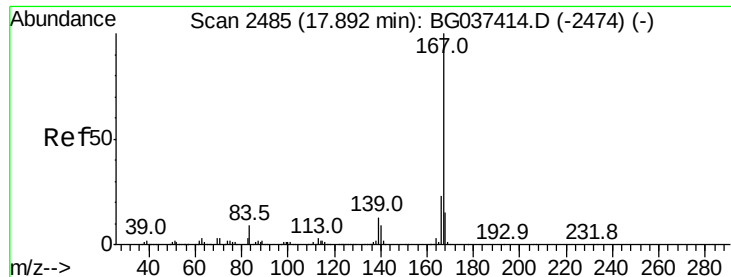
Sohil
11/1/2018 10:43:46 AM



#72
Anthracene
Concen: 50.523 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.0	22.4
179	16.9	12.8	19.2





#73

Carbazole

Concen: 45.351 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

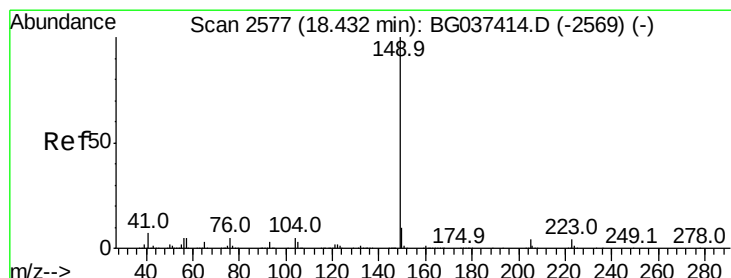
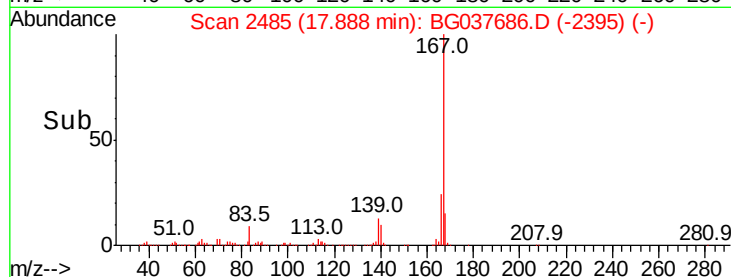
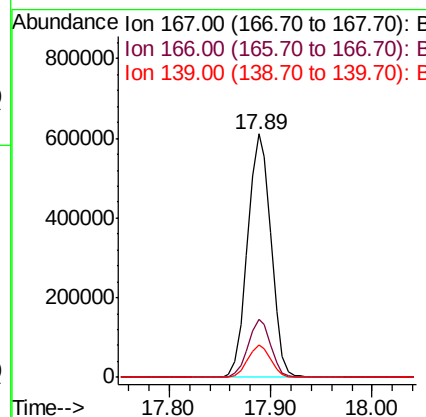
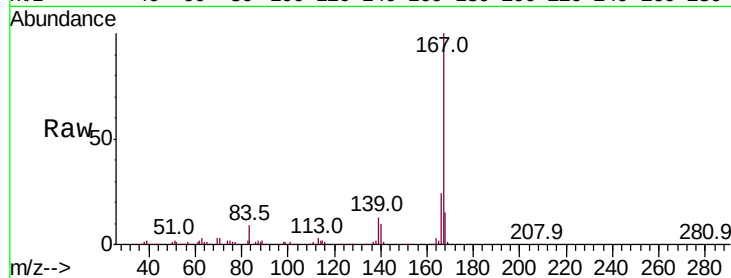
ClientSampleId :

TP-AMS

Tot Ion:	167	Resp:	979453
Ion Ratio		Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.4	10.5	15.7

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 48.626 ng

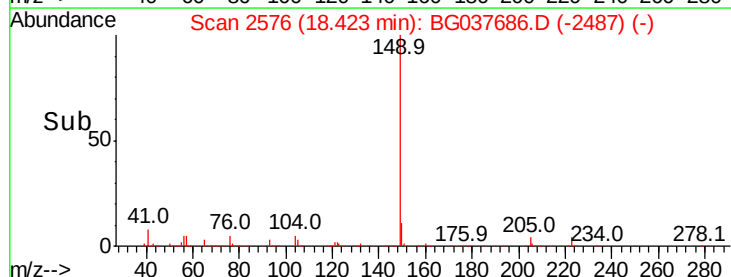
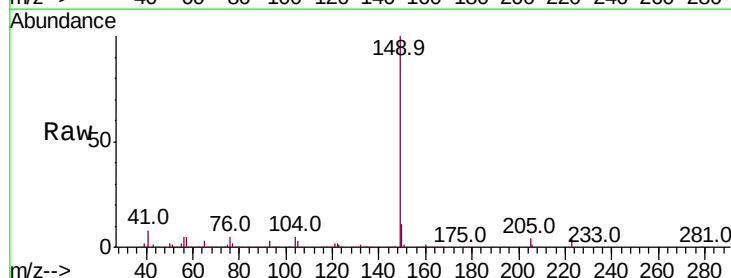
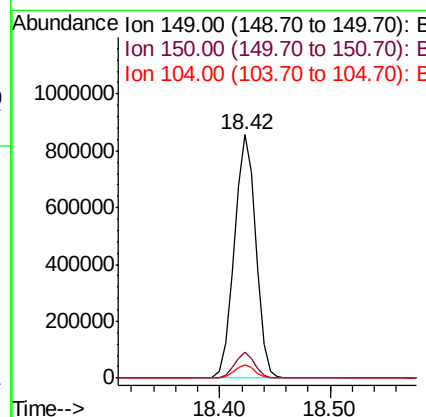
RT: 18.42 min Scan# 2576

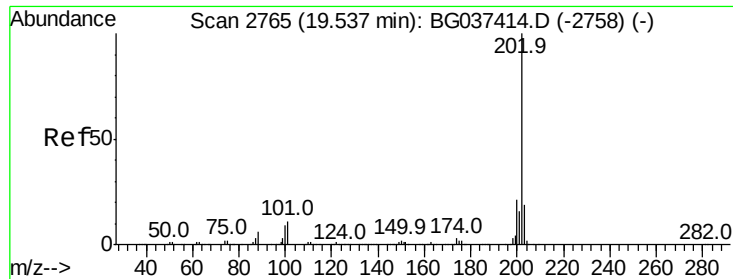
Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	149	Resp:	1168243
Ion Ratio		Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 48.846 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

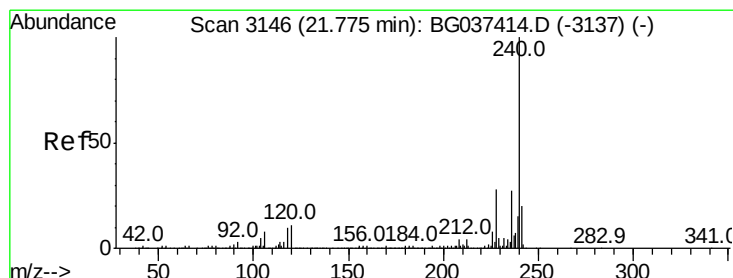
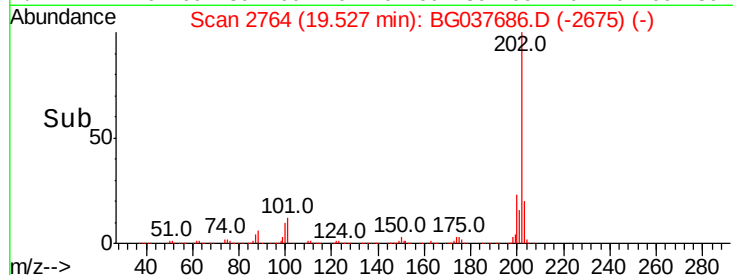
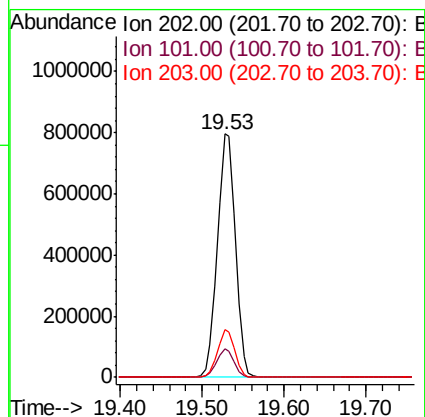
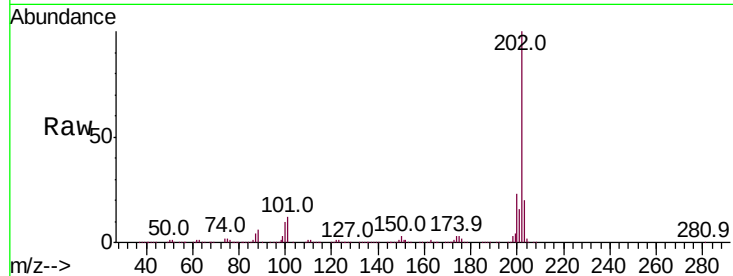
ClientSampleId :

TP-AMS

Tot Ion:	202	Resp:	1218875
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.7
203	19.7	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

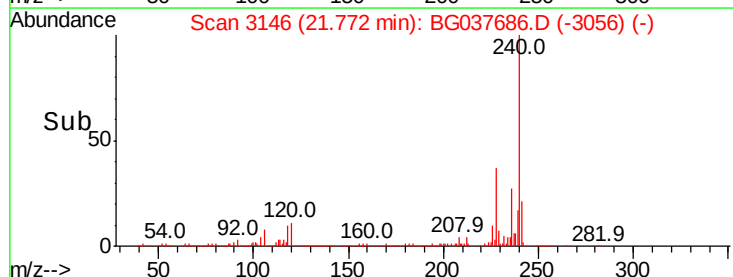
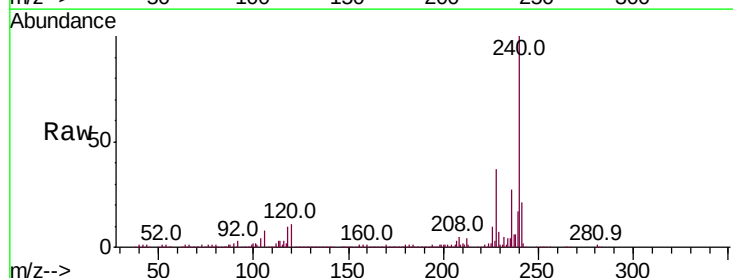
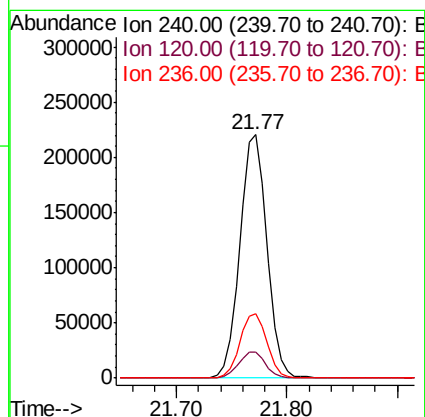
RT: 21.77 min Scan# 3146

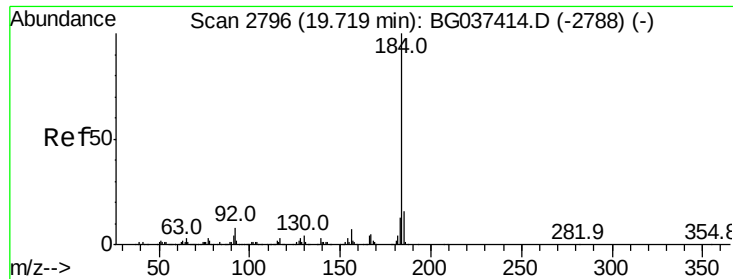
Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	240	Resp:	380961
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.1	12.1
236	26.7	21.4	32.0





#77

Benzidine

Concen: 41.019 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

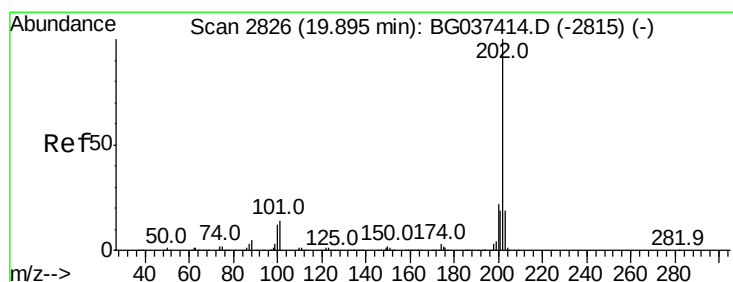
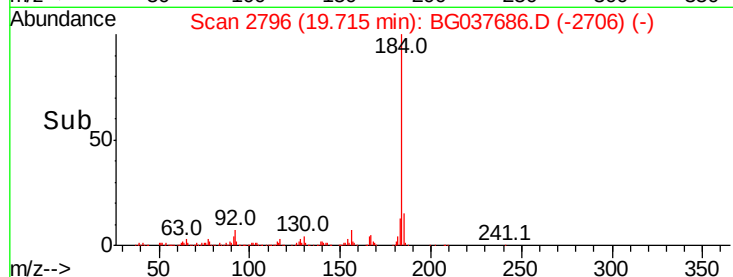
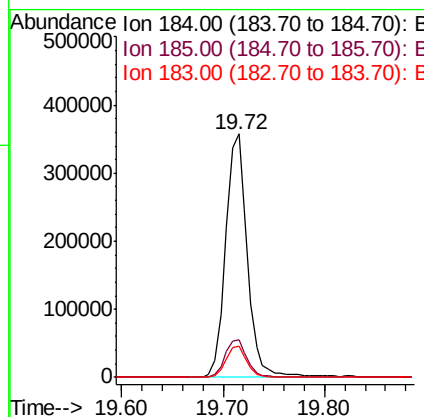
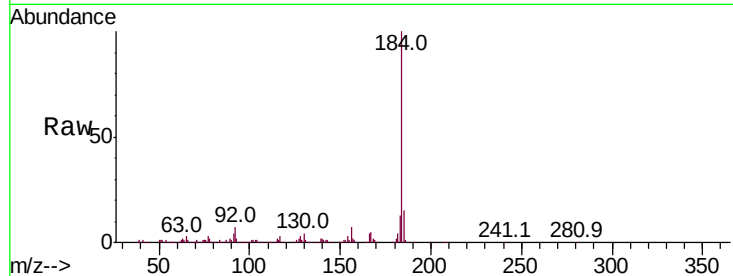
ClientSampleId :

TP-AMS

Tot Ion:	184	Resp:	531347
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	12.8	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 48.129 ng

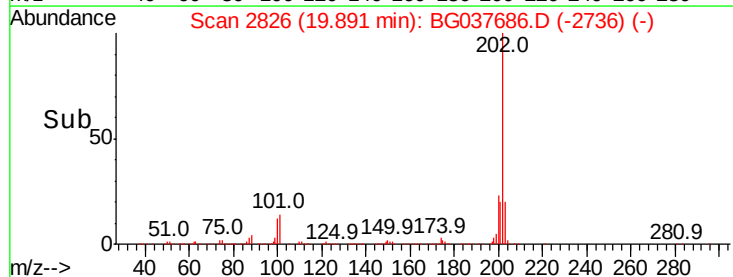
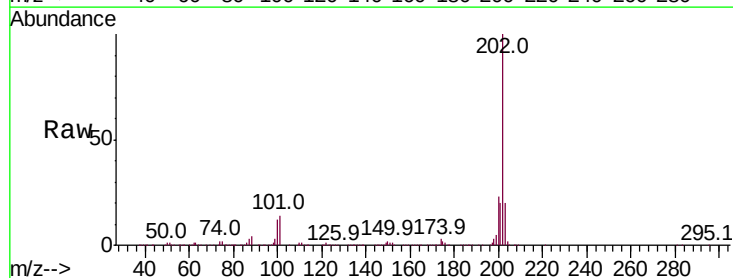
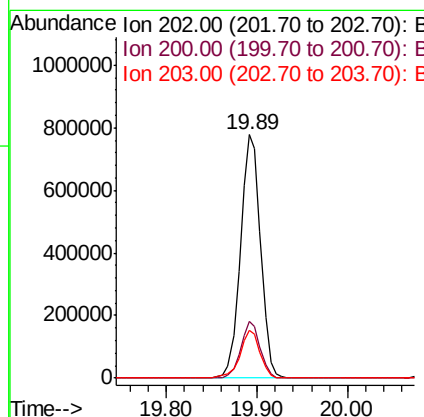
RT: 19.89 min Scan# 2826

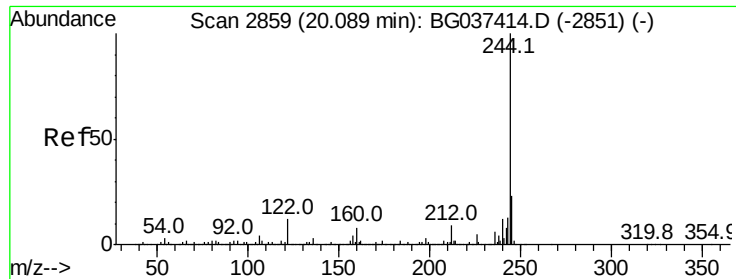
Delta R.T. -0.00 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Tgt Ion:	202	Resp:	1198611
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.6
203	19.6	15.2	22.8





#79

Terphenyl-d14

Concen: 90.461 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

ClientSampled :

TP-AMS

Tot Ion:244 Resp: 1612824

Ion Ratio Lower Upper

244 100

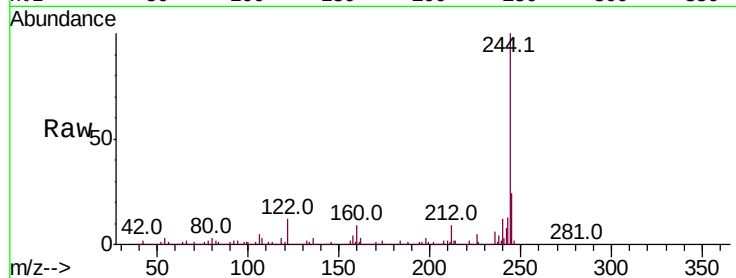
212 8.9 6.5 9.7

122 12.4 9.0 13.4

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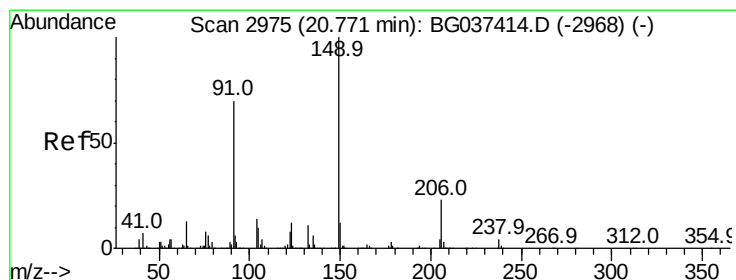
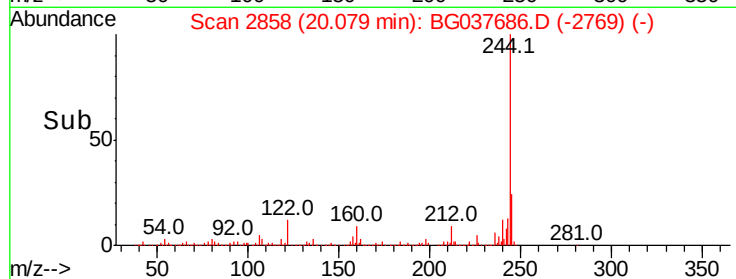
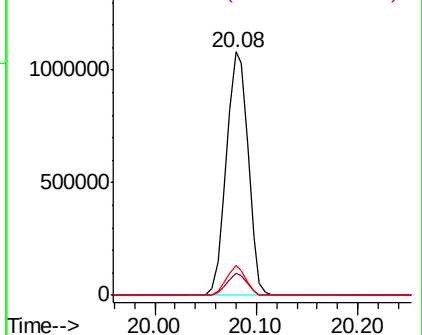
11/1/2018 10:43:46 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.304 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

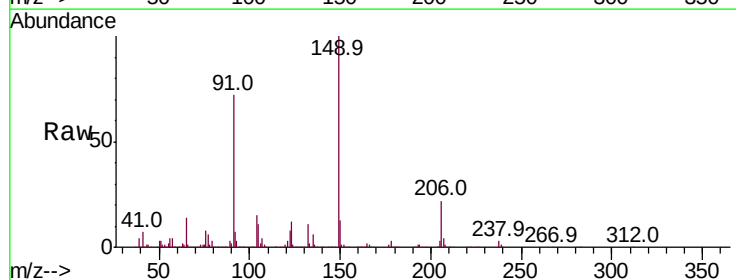
Tgt Ion:149 Resp: 533096

Ion Ratio Lower Upper

149 100

91 71.5 57.0 85.4

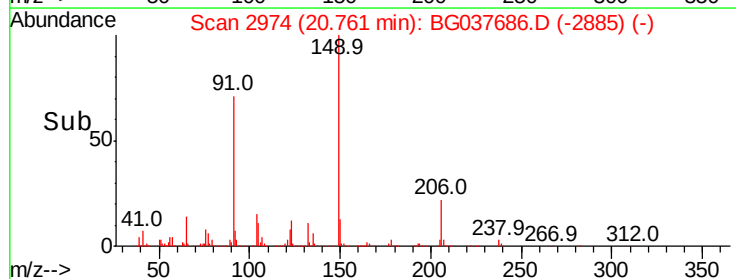
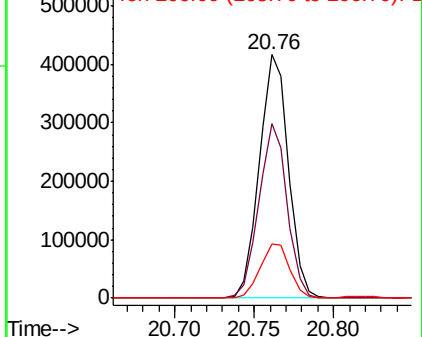
206 22.4 17.8 26.6

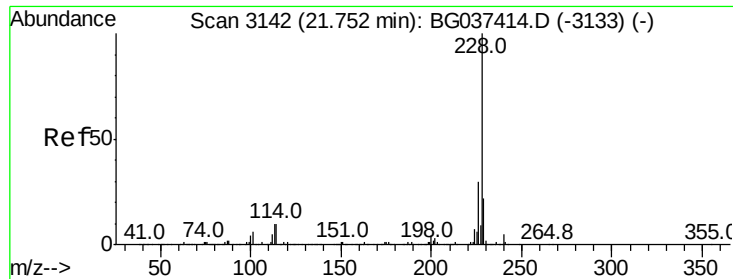


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





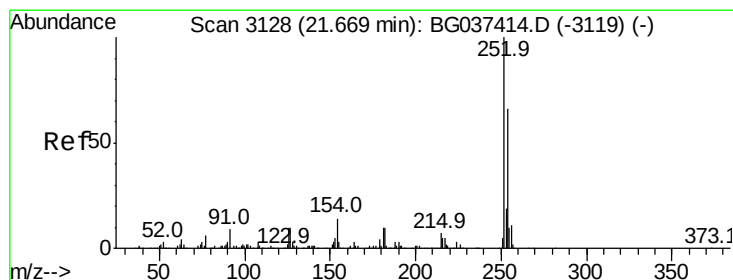
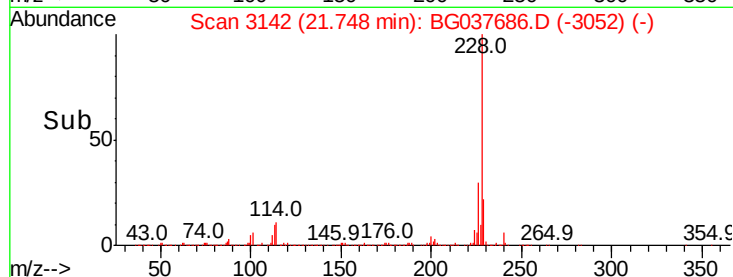
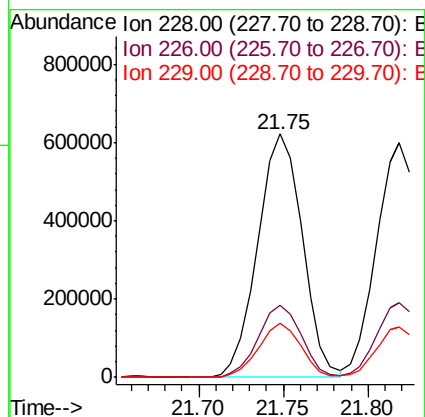
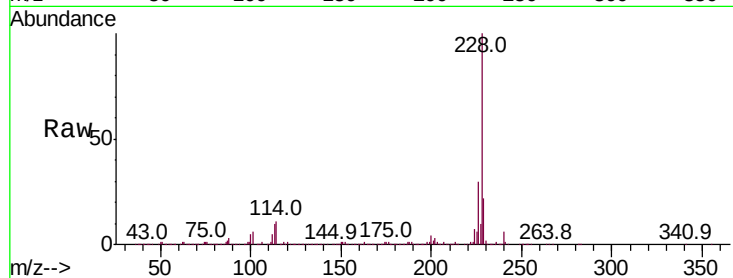
#81
Benzo(a)anthracene
Concen: 50.503 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	22.2	16.3	24.5

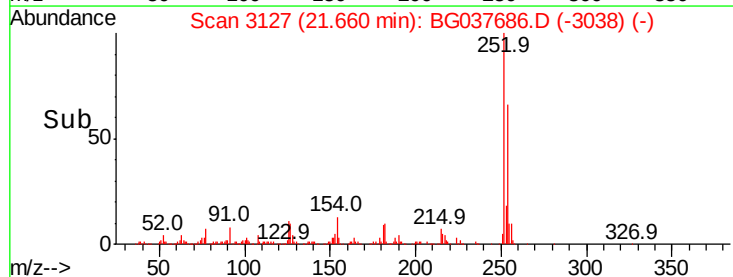
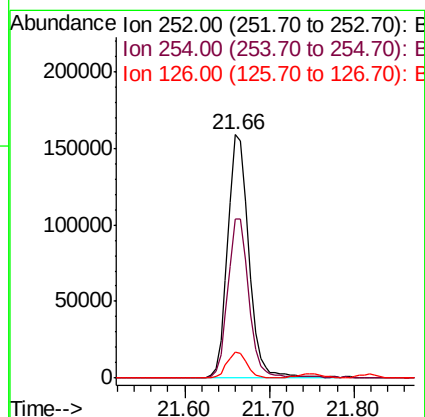
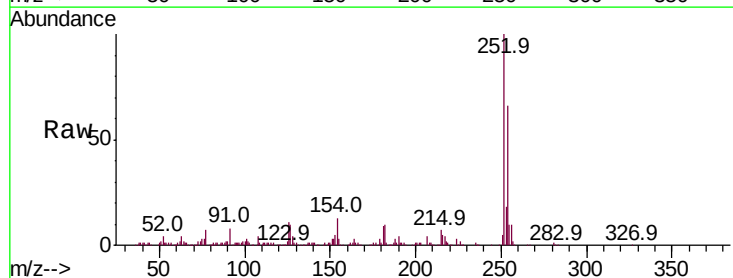
Manual Integrations
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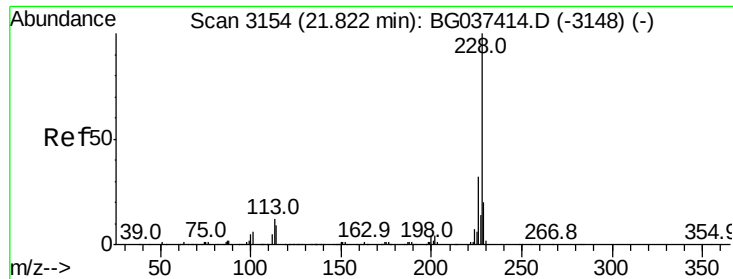
Sohil
11/1/2018 10:43:46 AM



#82
3,3'-Dichlorobenzidine
Concen: 31.502 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.0	78.0
126	10.5	8.2	12.4





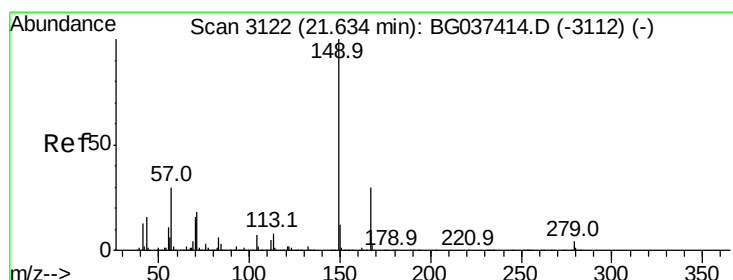
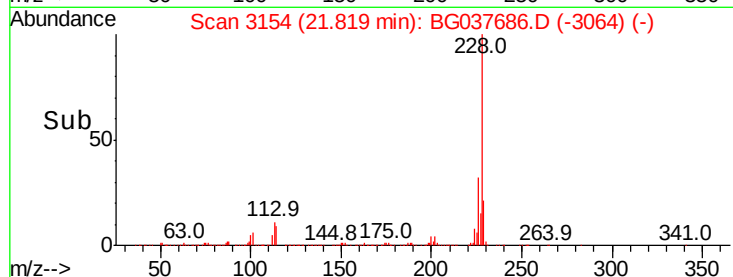
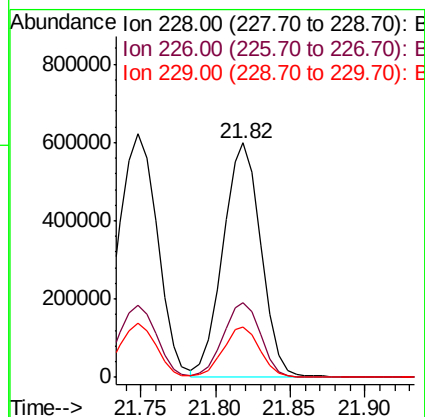
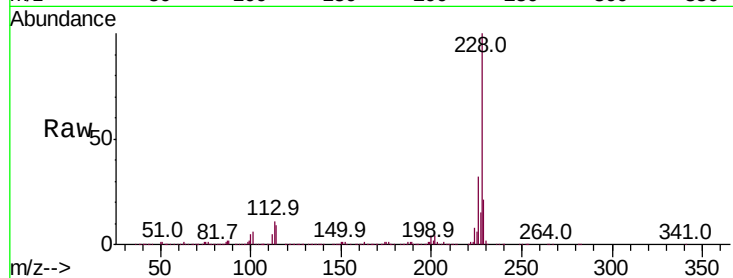
#83
Chrysene
Concen: 48.703 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	21.4	16.5	24.7

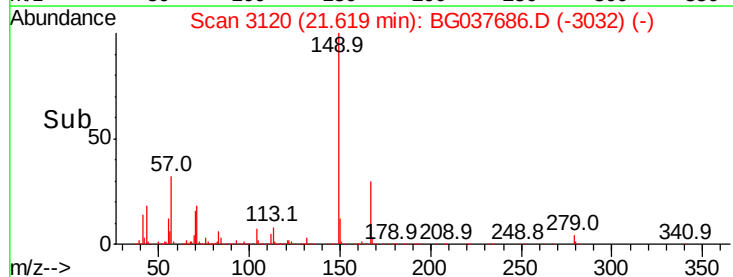
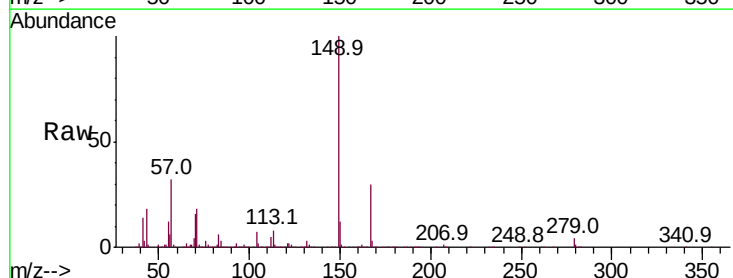
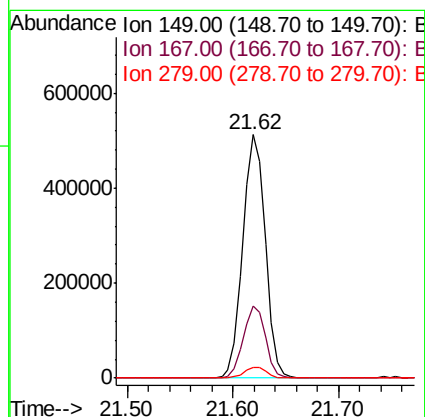
Manual Integrations
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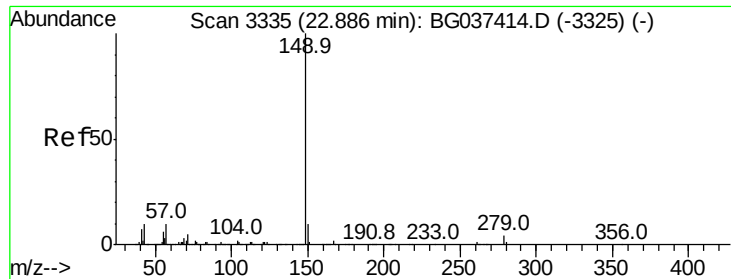
Sohil
11/1/2018 10:43:46 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.764 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.3	3.6	5.4





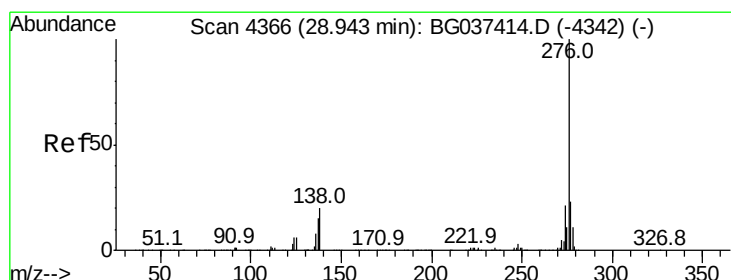
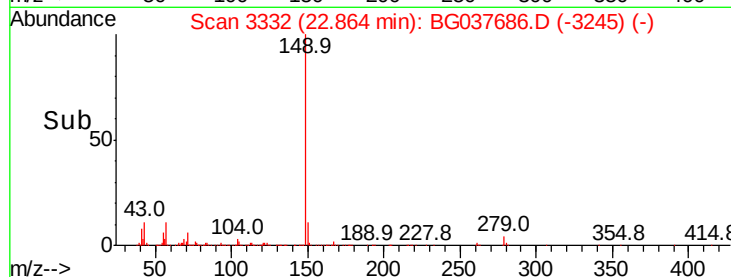
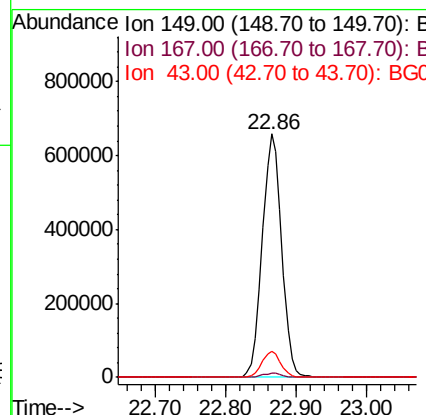
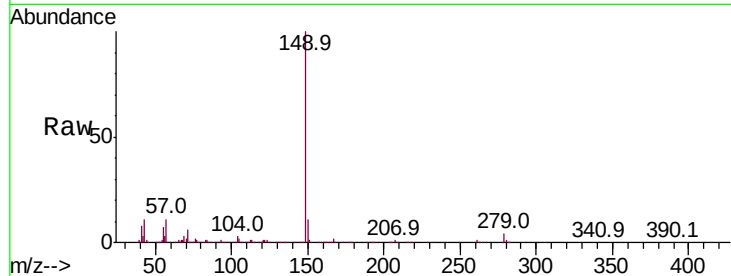
#85
Di-n-octyl phthalate
Concen: 54.503 ng
RT: 22.86 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.2	8.7	13.1

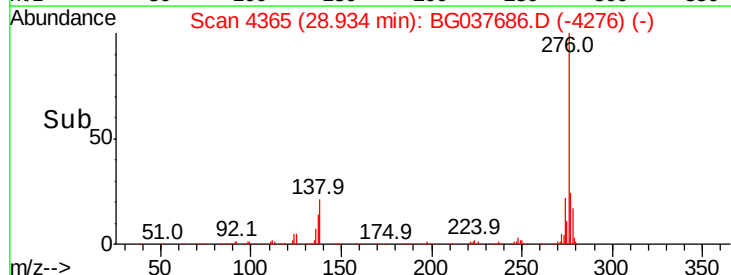
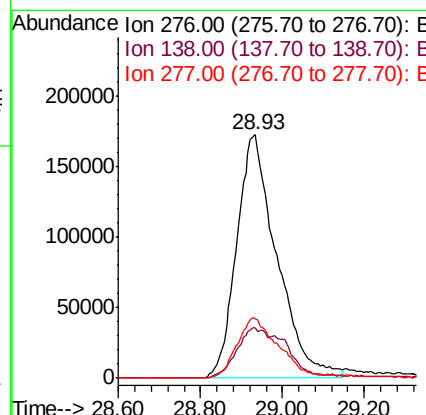
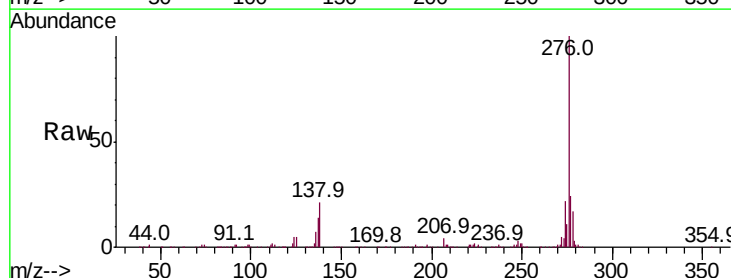
Manual Integrations
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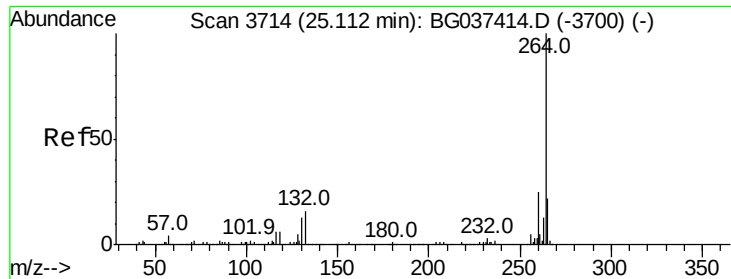
Sohil
11/1/2018 10:43:46 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.578 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.0	18.0
277	25.3	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: BG037686.D

Acq: 31 Oct 2018 16:18

Instrument :

BNA_G

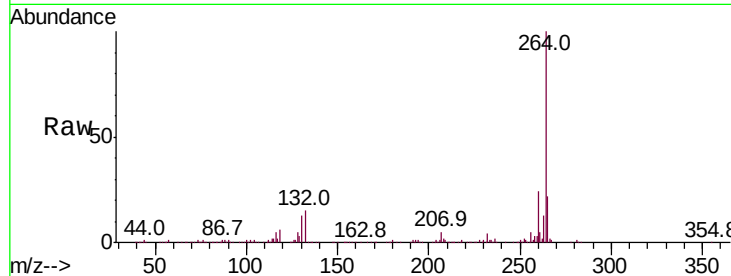
ClientSampleId :

TP-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.8	17.9	26.9

Manual Integrations
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11/1/2018 10:43:46 AM

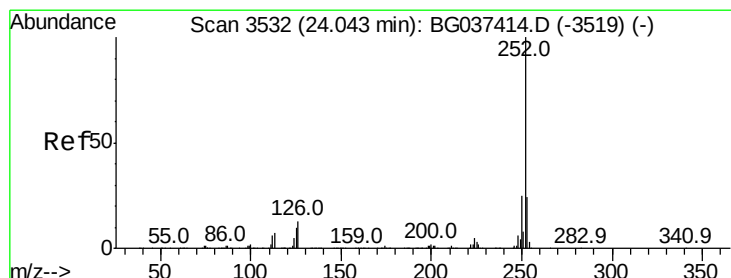
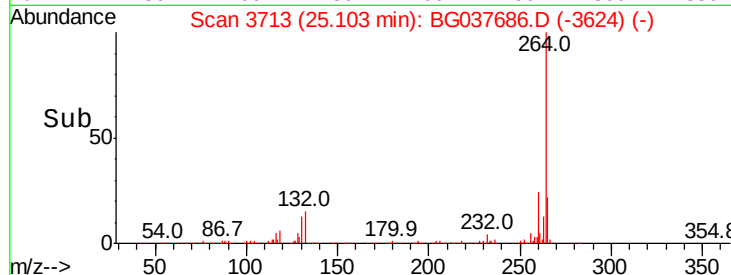
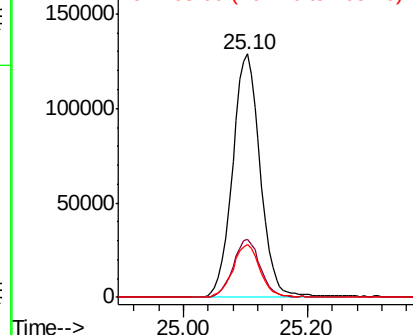


Abundance

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: 50.861 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037686.D

Acq: 31 Oct 2018 16:18

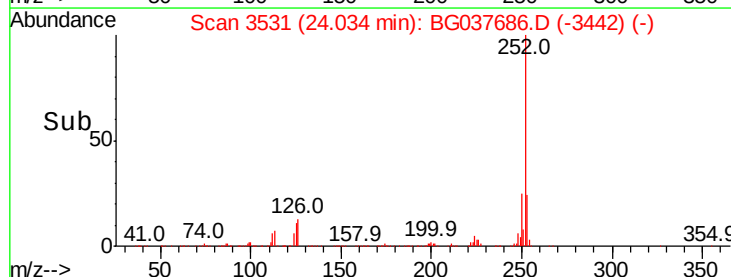
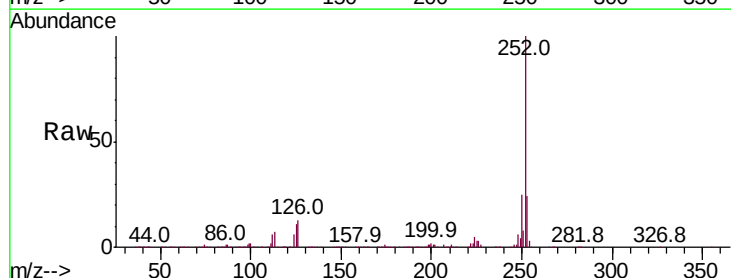
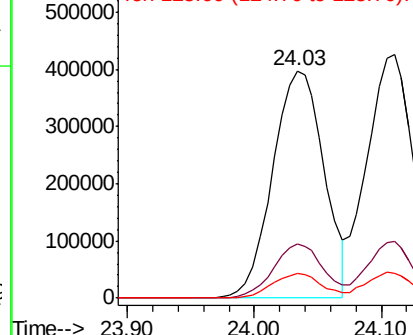
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.2	7.8	11.6

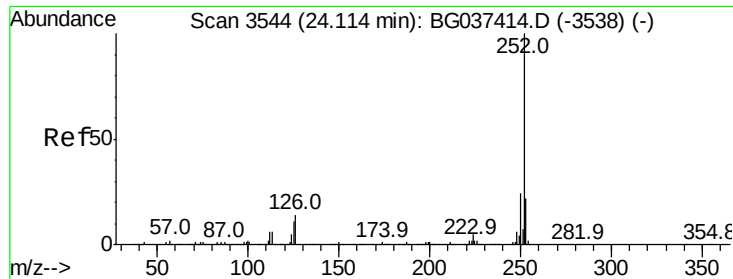
Abundance

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





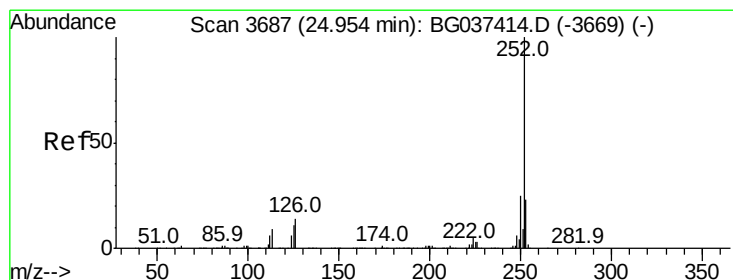
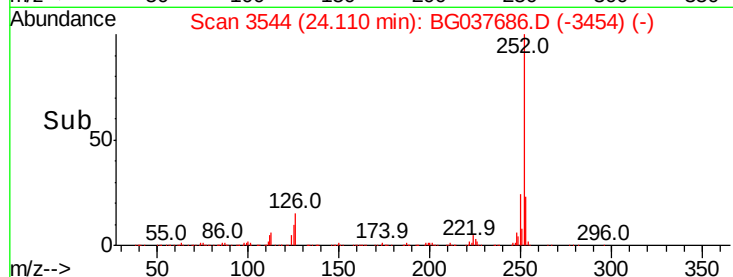
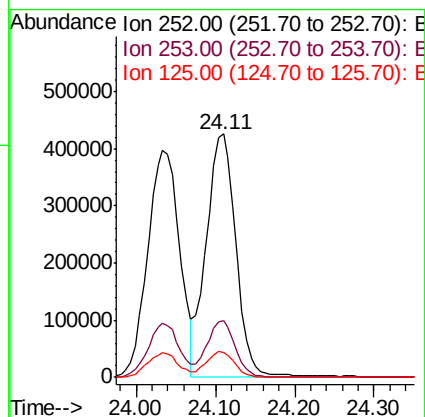
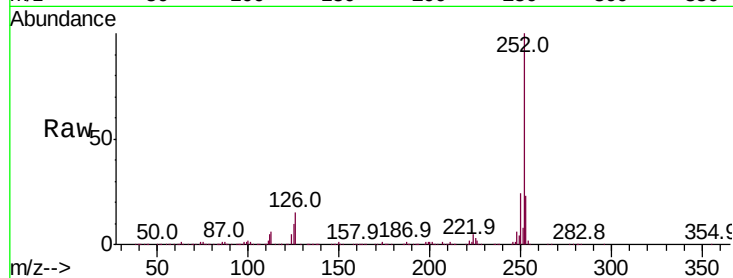
#89
Benzo(k)fluoranthene
Concen: 51.072 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampleId :
TP-AMS

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

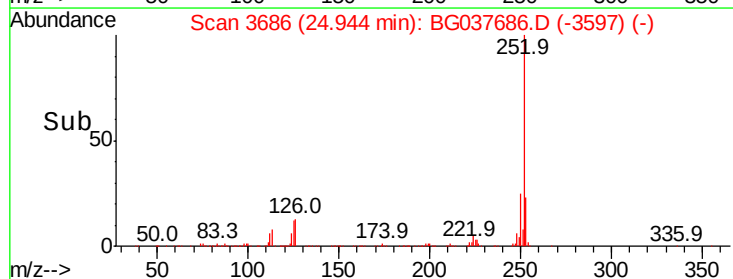
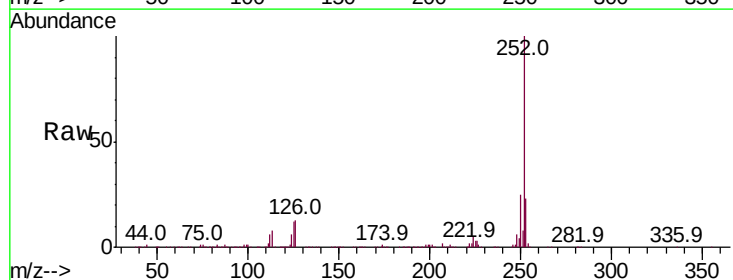
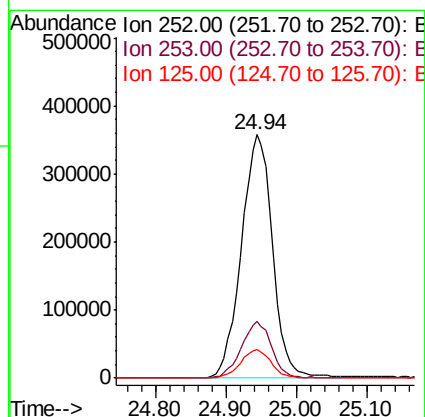
Manual Integrations
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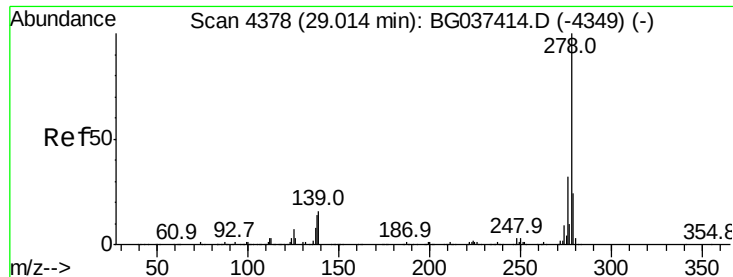
Sohil
11/1/2018 10:43:46 AM



#90
Benzo(a)pyrene
Concen: 52.458 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	11.6	9.0	13.6





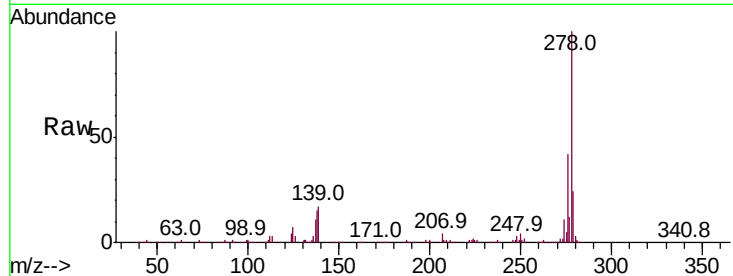
#91
Dibenzo(a,h)anthracene
Concen: 49.367 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	11.5	17.3#
279	23.8	18.6	27.8

Manual Integrations
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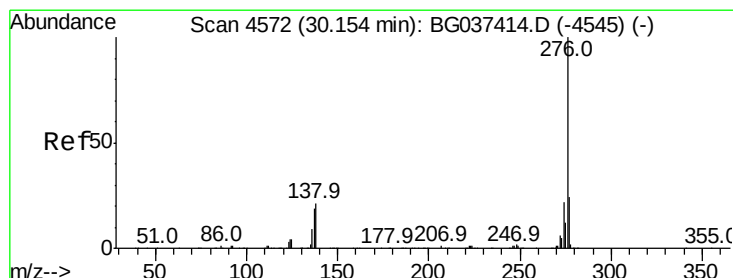
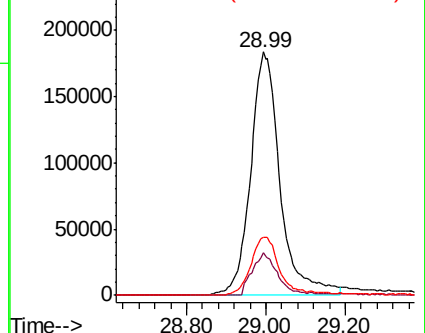
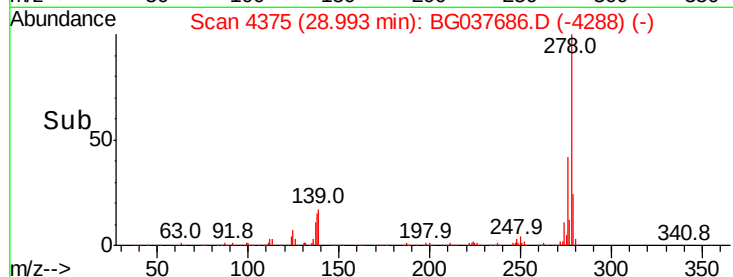


Abundance

Ion 278.00 (277.70 to 278.70): E

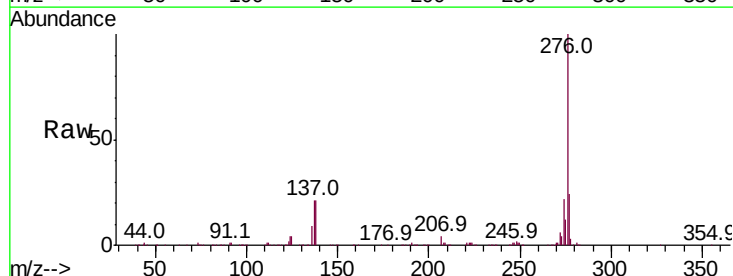
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.282 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG037686.D
Acq: 31 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	21.4	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

