

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037753.D
 Acq On : 2 Nov 2018 13:25
 Operator : JU/SJ
 Sample : PB114391BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Manual Integrations
 APPROVED

Sohil
 11/2/2018 2:47:41 PM

Quant Time: Nov 02 14:35:24 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	69386	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	304486	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	202010	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	447311	20.00	ng	0.00
76) Chrysene-d12	21.77	240	406245	20.00	ng	0.00
87) Perylene-d12	25.10	264	416900	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	565700	136.31	ng	0.00
7) Phenol-d6	7.25	99	808046	128.76	ng	0.00
23) Nitrobenzene-d5	9.28	82	476196	87.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	294639	133.73	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1144297	85.42	ng	-0.01
79) Terphenyl-d14	20.08	244	1555326	81.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	58574	27.830	ng	97
3) Pyridine	3.92	79	184043	34.694	ng	96
4) n-Nitrosodimethylamine	3.85	42	83017	43.936	ng	90
6) Aniline	7.43	93	119243	15.575	ng	94
8) 2-Chlorophenol	7.66	128	233464	48.086	ng	98
9) Benzaldehyde	7.24	77	162268	41.335	ng	94
10) Phenol	7.27	94	312139	47.140	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	209039	41.566	ng	95
12) 1,3-Dichlorobenzene	7.98	146	230742	42.689	ng	99
13) 1,4-Dichlorobenzene	8.14	146	238367	43.113	ng	99
14) 1,2-Dichlorobenzene	8.45	146	230935	43.421	ng	98
15) Benzyl Alcohol	8.34	79	206409	44.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	377823	41.988	ng	96
17) 2-Methylphenol	8.53	107	213165	48.695	ng	99
18) Hexachloroethane	9.18	117	84921	45.053	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	177550	41.085	ng	95
20) 3+4-Methylphenols	8.87	107	295082	47.147	ng	98
22) Acetophenone	8.93	105	339040	44.398	ng	# 97
24) Nitrobenzene	9.32	77	262516	46.491	ng	94
25) Isophorone	9.84	82	504168	50.765	ng	96
26) 2-Nitrophenol	10.03	139	131601	51.735	ng	98
27) 2,4-Dimethylphenol	10.07	122	251300	55.331	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	307144	47.203	ng	97
29) 2,4-Dichlorophenol	10.56	162	255728	50.570	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	253568	46.110	ng	98
31) Naphthalene	10.97	128	743138	49.690	ng	100
32) Benzoic acid	10.21	122	143617	48.685	ng	97
33) 4-Chloroaniline	11.09	127	47589	6.772	ng	# 91
34) Hexachlorobutadiene	11.23	225	150982	46.324	ng	97
35) Caprolactam	11.87	113	92546m	45.631	ng	
36) 4-Chloro-3-methylphenol	12.19	107	274578	48.147	ng	97
37) 2-Methylnaphthalene	12.57	142	566055	51.922	ng	98
38) 1-Methylnaphthalene	12.78	142	541029	51.101	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	300857	46.173	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	379796	122.023	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	213662	49.082	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	233133	49.188	ng	99
46) 1,1'-Biphenyl	13.57	154	733190	43.825	ng	99
47) 2-Chloronaphthalene	13.62	162	582282	46.005	ng	99
48) 2-Nitroaniline	13.82	65	185055	48.214	ng	94
49) Acenaphthylene	14.46	152	945723	49.672	ng	99
50) Dimethylphthalate	14.18	163	725188	46.404	ng	99
51) 2,6-Dinitrotoluene	14.31	165	168007	48.596	ng	92
52) Acenaphthene	14.80	154	553947	47.242	ng	98
53) 3-Nitroaniline	14.65	138	65672	17.111	ng	# 92
54) 2,4-Dinitrophenol	14.85	184	121467	79.491	ng	94
55) Dibenzofuran	15.13	168	875299	45.055	ng	99
56) 4-Nitrophenol	14.95	139	351179	123.617	ng	98
57) 2,4-Dinitrotoluene	15.10	165	234336	51.637	ng	96
58) Fluorene	15.78	166	705650	48.504	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	197457	48.658	ng	100
60) Diethylphthalate	15.54	149	738740	46.043	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	377389	44.505	ng	98
62) 4-Nitroaniline	15.81	138	174766	45.826	ng	90
63) Azobenzene	16.06	77	694864	45.392	ng	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	113104	48.152	ng	96
66) n-Nitrosodiphenylamine	15.99	169	646900	48.078	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	235267	47.894	ng	99
68) Hexachlorobenzene	16.77	284	238376	46.822	ng	99
69) Atrazine	16.93	200	236922	48.702	ng	99
70) Pentachlorophenol	17.12	266	273601	80.231	ng	96
71) Phenanthrene	17.53	178	1117206	49.143	ng	98
72) Anthracene	17.61	178	1138405	51.027	ng	96
73) Carbazole	17.89	167	1040392	46.620	ng	99
74) Di-n-butylphthalate	18.42	149	1194338	48.110	ng	99
75) Fluoranthene	19.53	202	1284378	49.812	ng	97
77) Benzidine	19.71	184	313545	22.699	ng	99
78) Pyrene	19.89	202	1280168	48.205	ng	98
80) Butylbenzylphthalate	20.76	149	558193	51.358	ng	96
81) Benzo(a)anthracene	21.75	228	1222070	50.858	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	176573	18.958	ng	99
83) Chrysene	21.82	228	1137451	49.228	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	787316	51.679	ng	99
85) Di-n-octyl phthalate	22.87	149	1312659	52.839	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1118341	45.127	ng	97
88) Benzo(b)fluoranthene	24.04	252	1190176	52.073	ng	99
89) Benzo(k)fluoranthene	24.11	252	1171914	52.335	ng	97
90) Benzo(a)pyrene	24.95	252	1162740	53.537	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	916709	45.758	ng	# 95
92) Benzo(g,h,i)perylene	30.13	276	913619	45.077	ng	100

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

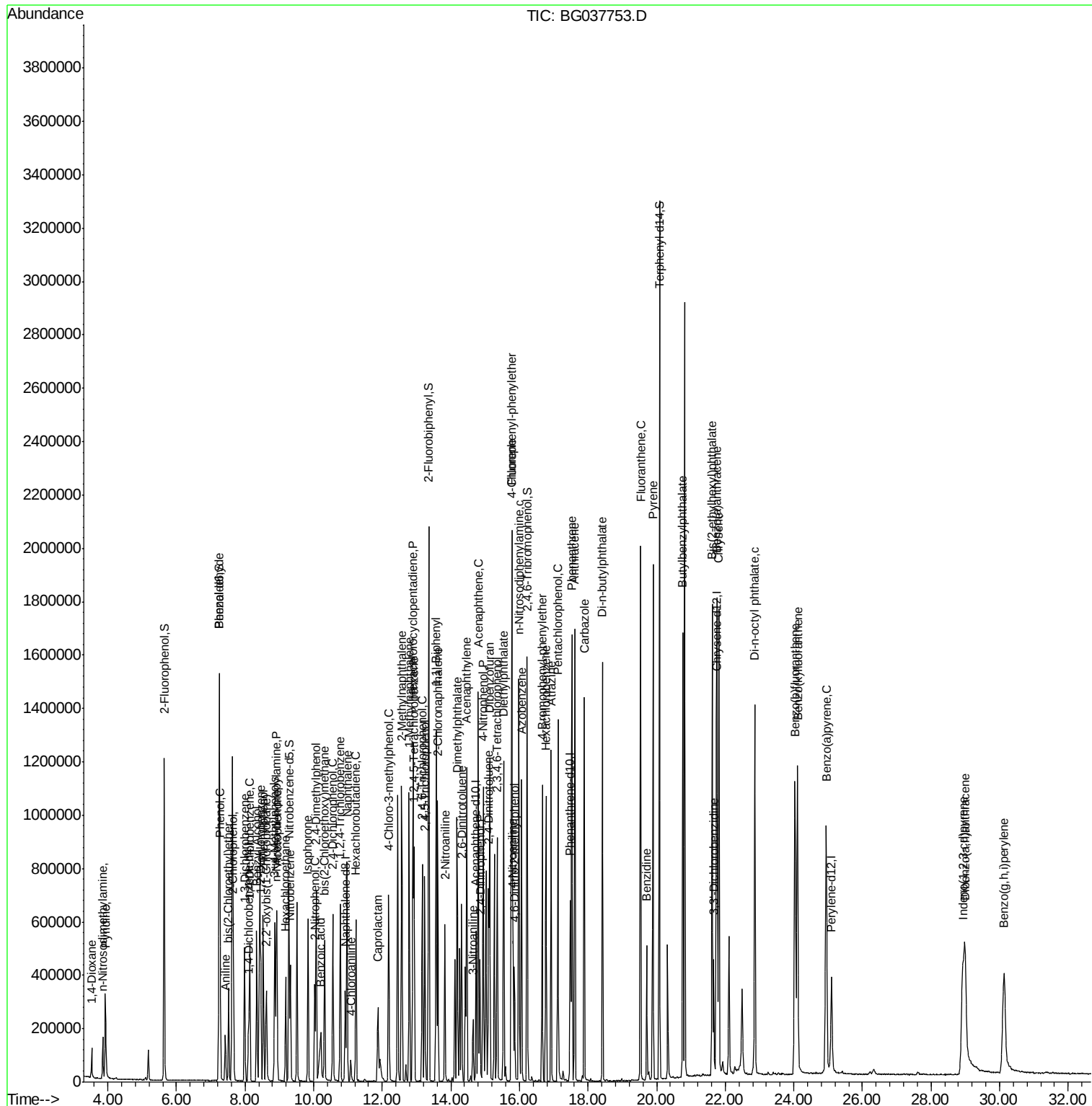
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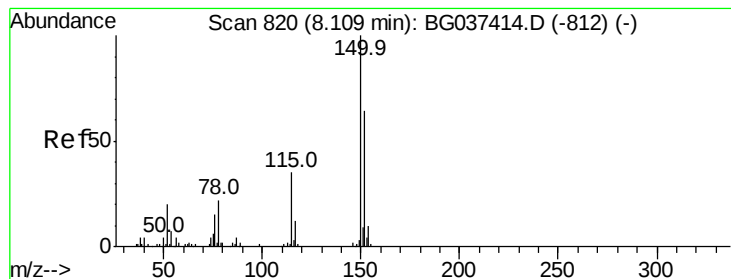
Instrument :
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#1

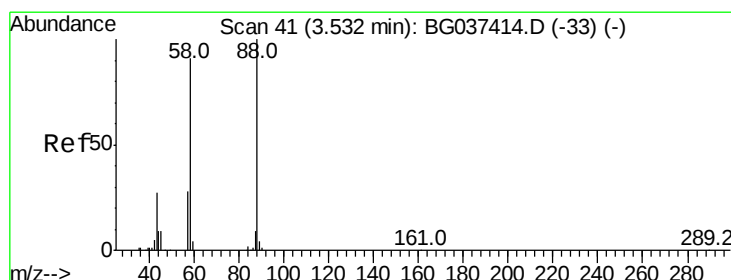
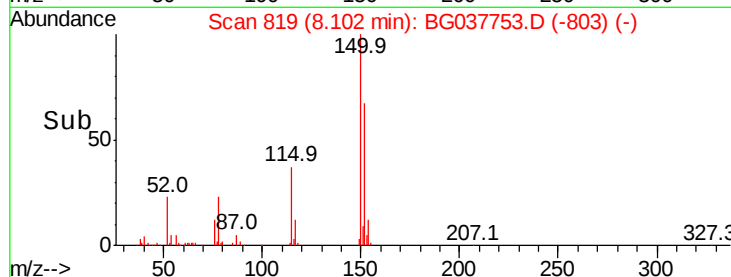
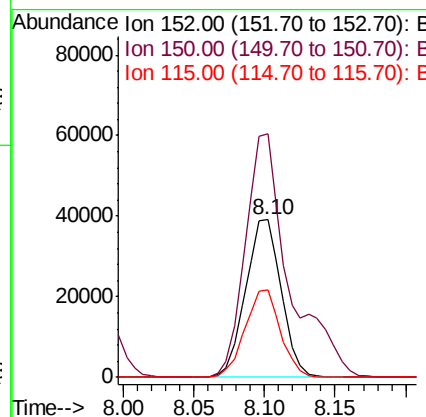
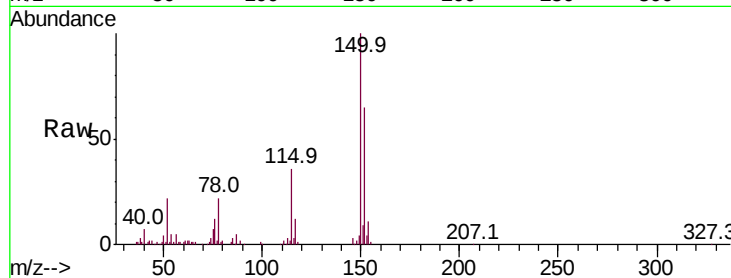
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.0	189.0
115	55.6	45.5	68.3

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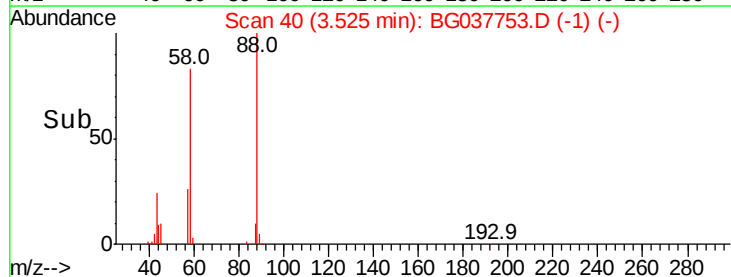
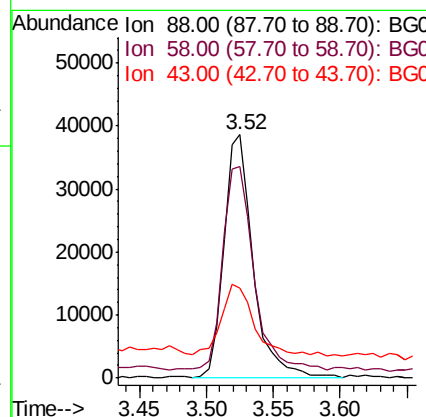
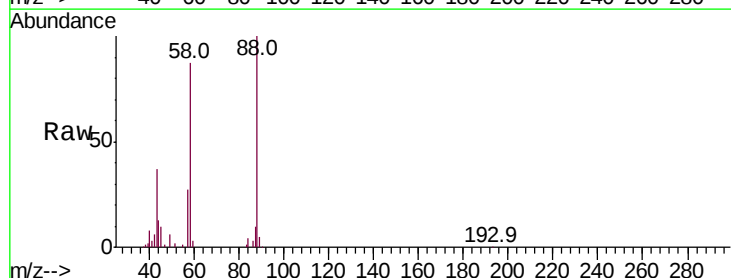
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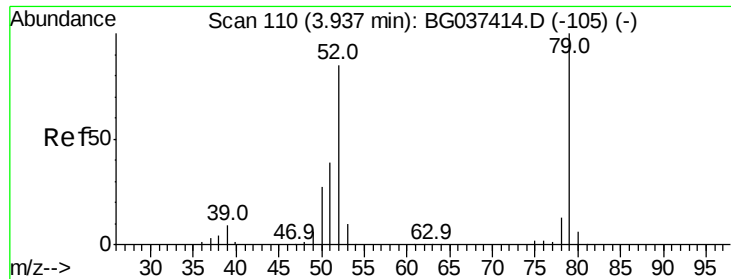


#2

1,4-Dioxane
Concen: 27.830 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.2	74.4	111.6
43	33.9	25.8	38.8





#3

Pvridine

Concen: 34.694 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

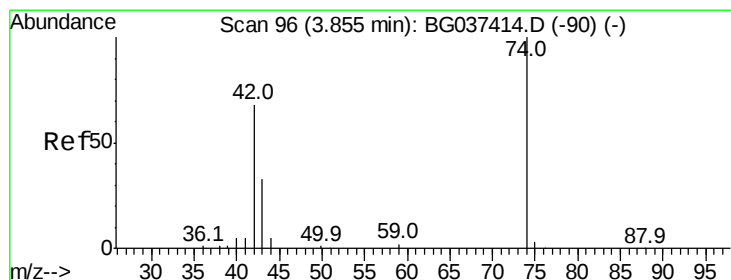
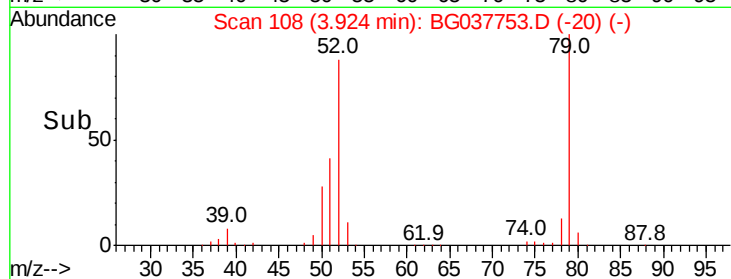
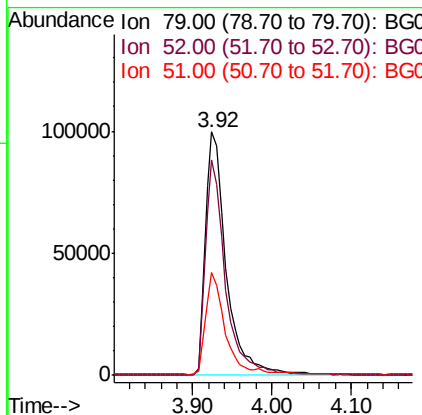
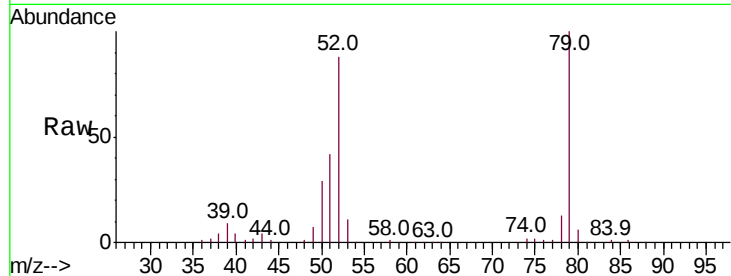
ClientSampleId :

PB114391BS

Tot Ion:	79	Resp:	184043
Ion	Ratio	Lower	Upper
79	100		
52	88.4	74.2	111.2
51	42.0	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 43.936 ng

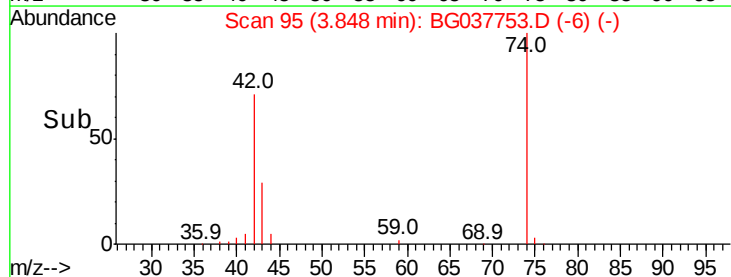
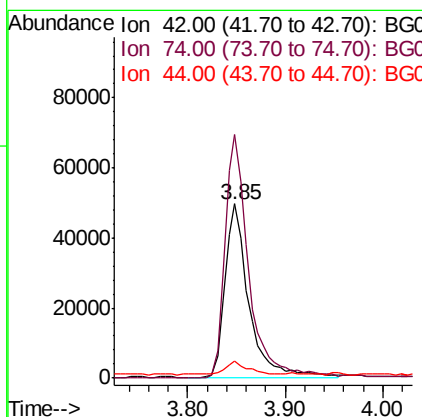
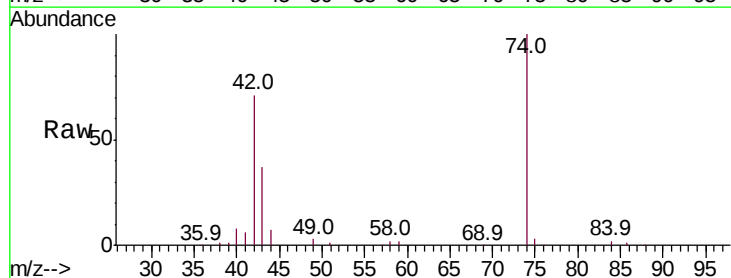
RT: 3.85 min Scan# 95

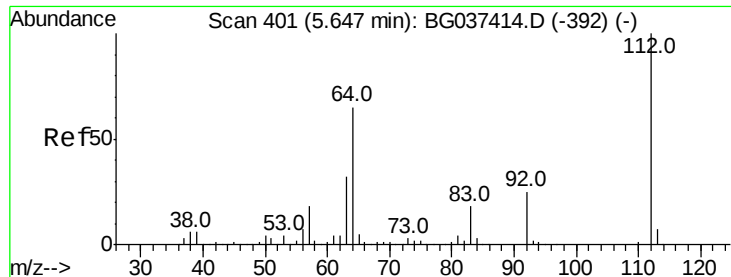
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	42	Resp:	83017
Ion	Ratio	Lower	Upper
42	100		
74	139.9	102.0	153.0
44	9.7	9.6	14.4





#5

2-Fluorophenol

Concen: 136.305 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

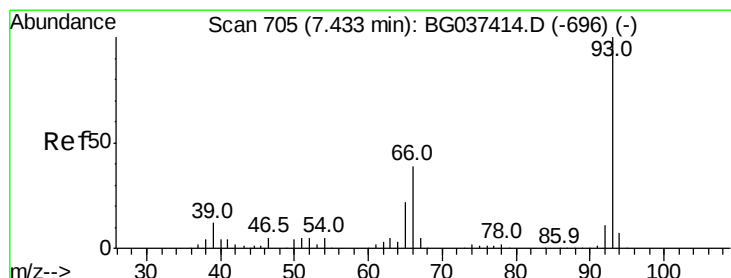
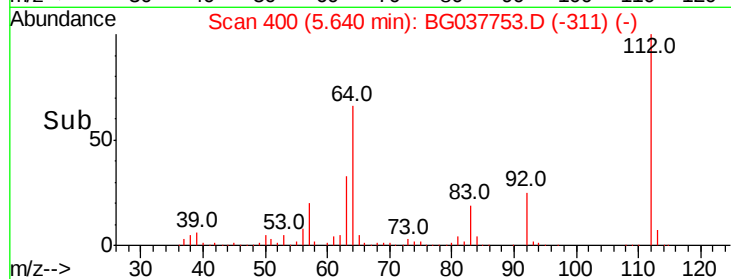
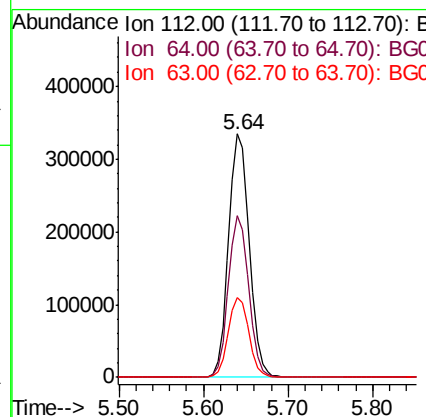
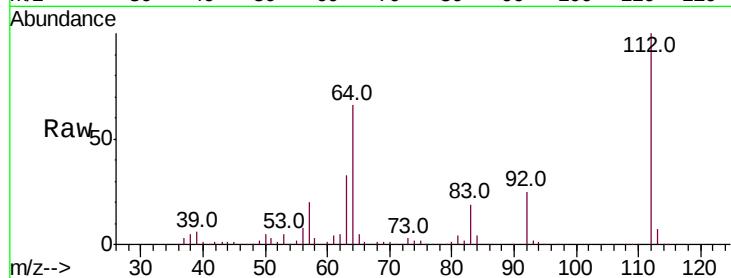
ClientSampleId :

PB114391BS

Tot Ion:	112	Resp:	565700
Ion Ratio	Lower	Upper	
112	100		
64	66.2	53.1	79.7
63	32.6	27.3	40.9

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#6

Aniline

Concen: 15.575 ng

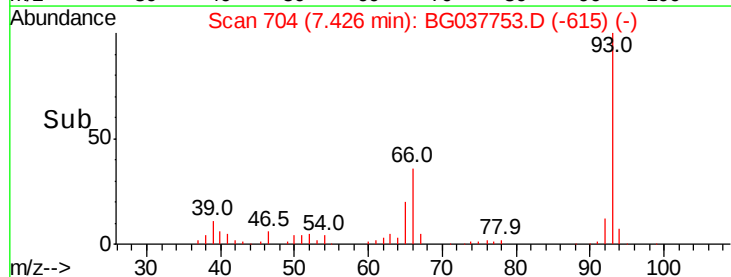
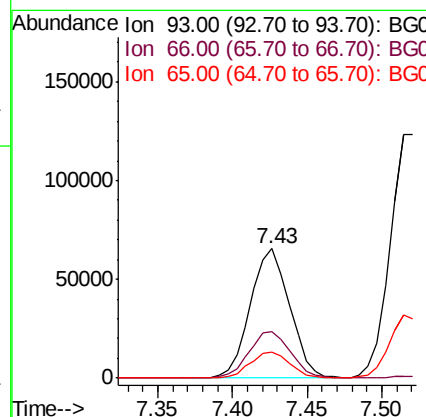
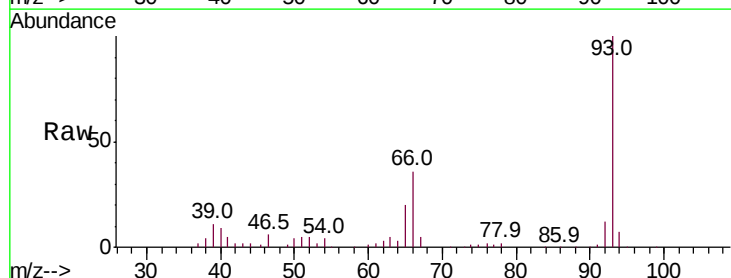
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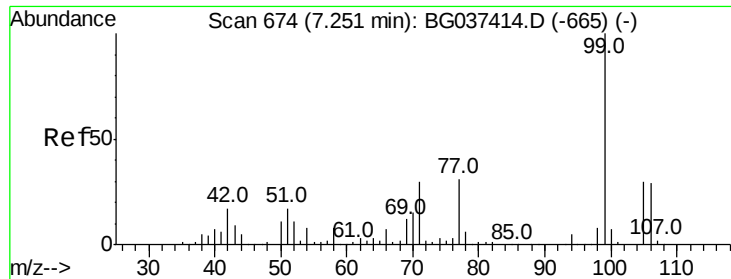
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	93	Resp:	119243
Ion Ratio	Lower	Upper	
93	100		
66	35.8	32.8	49.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 128.758 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

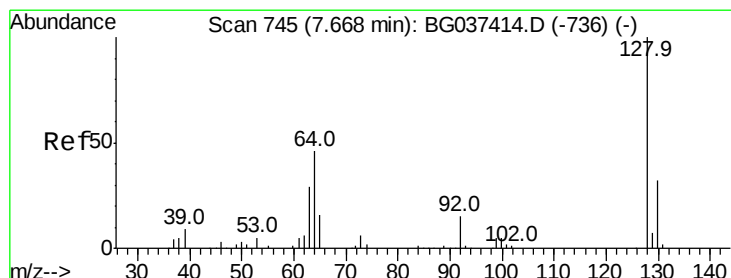
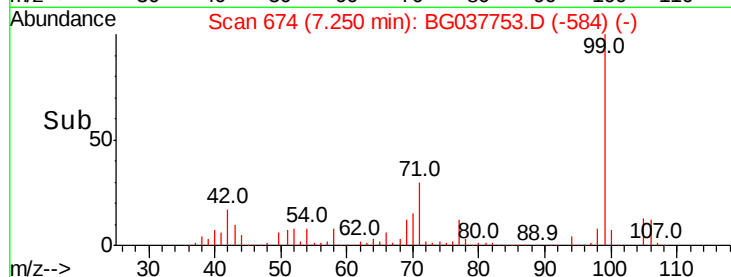
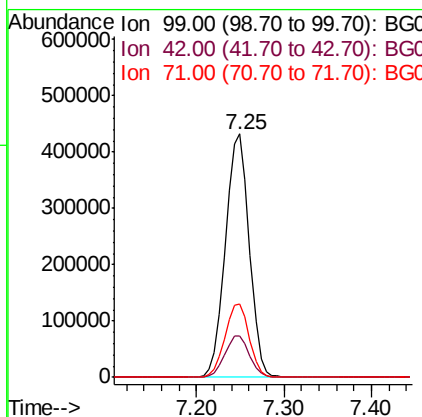
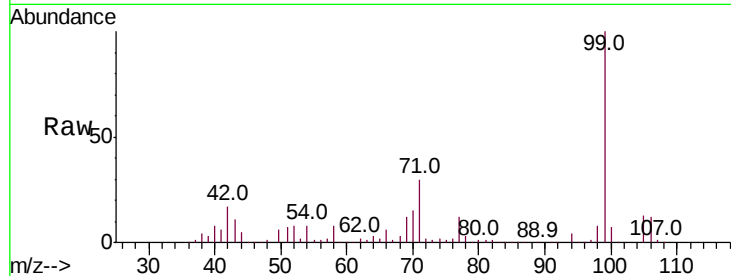
ClientSampleId :

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Tot Ion:	99	Resp:	808046
Ion Ratio	Lower	Upper	
99	100		
42	17.0	15.0	22.4
71	30.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 48.086 ng

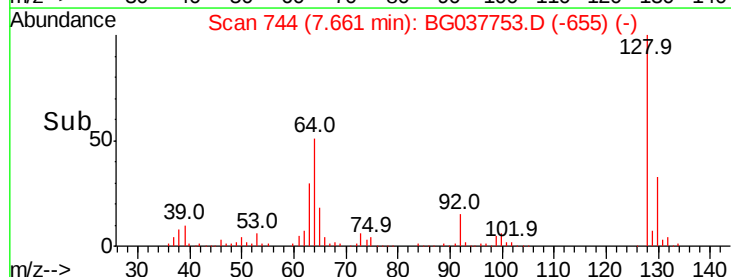
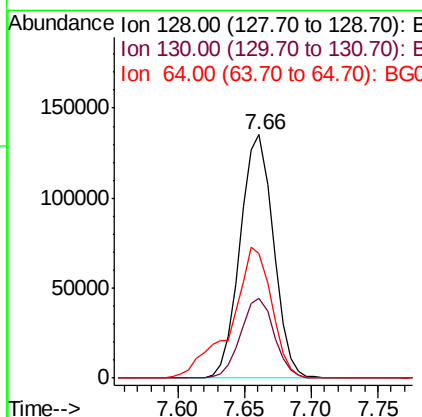
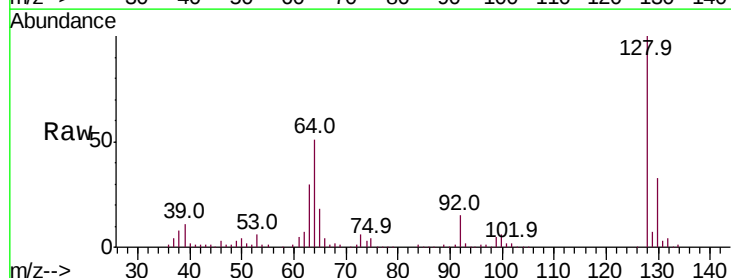
RT: 7.66 min Scan# 744

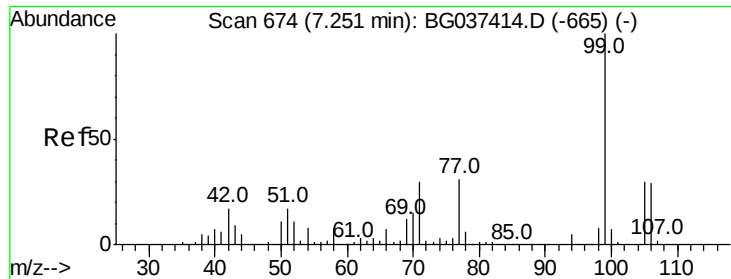
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	128	Resp:	233464
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	51.4	32.9	72.9





#9

Benzaldehyde

Concen: 41.335 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

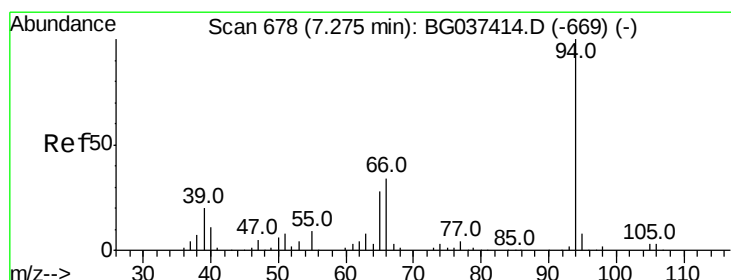
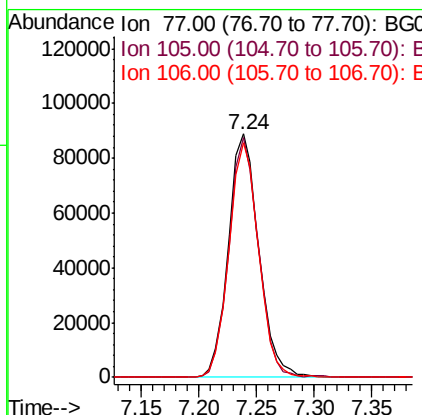
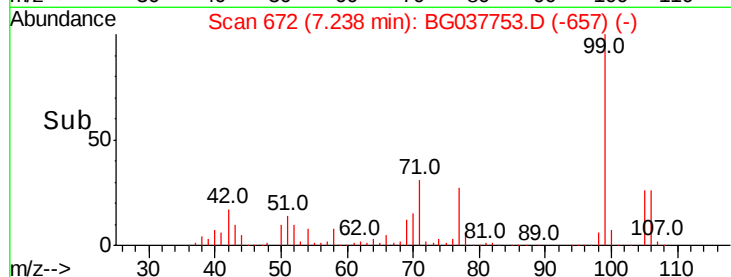
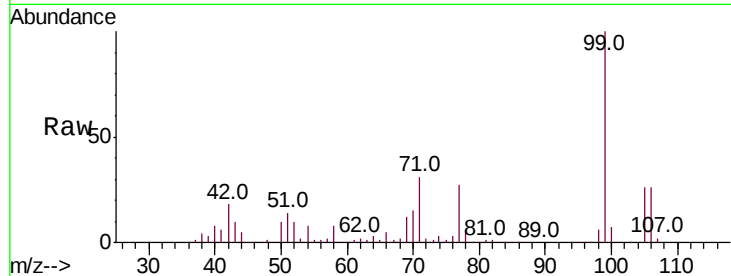
ClientSampleId :

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Tot Ion:	77	Resp:	162268
Ion Ratio	Lower	Upper	
77	100		
105	98.3	72.6	112.6
106	96.3	71.3	111.3

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#10

Phenol

Concen: 47.140 ng

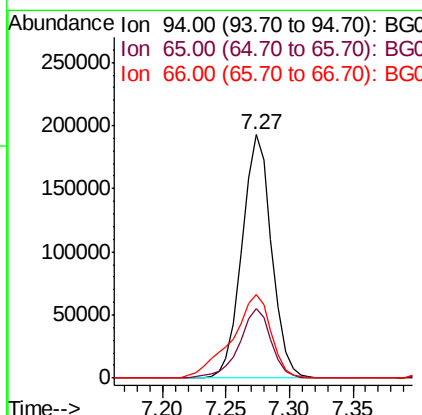
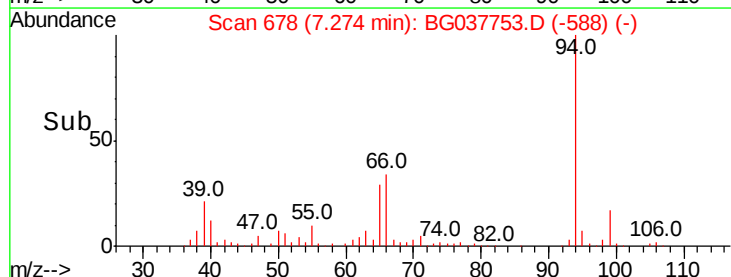
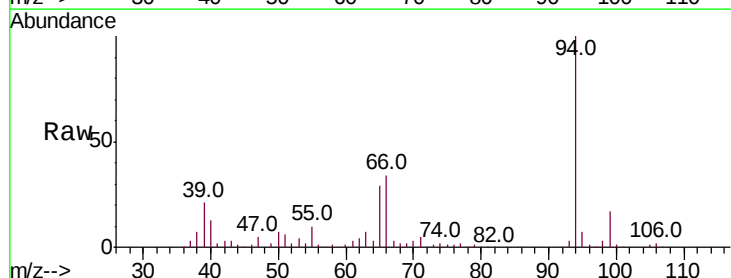
RT: 7.27 min Scan# 678

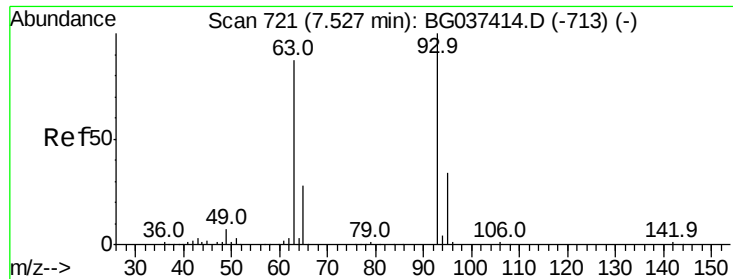
Delta R.T. -0.00 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	94	Resp:	312139
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.7	49.7
66	34.3	15.9	55.9





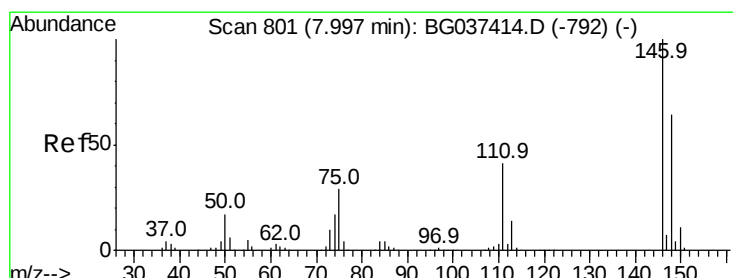
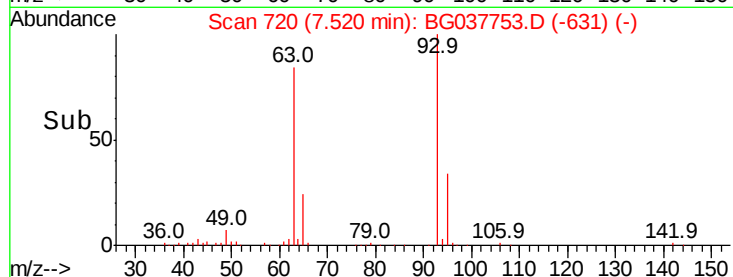
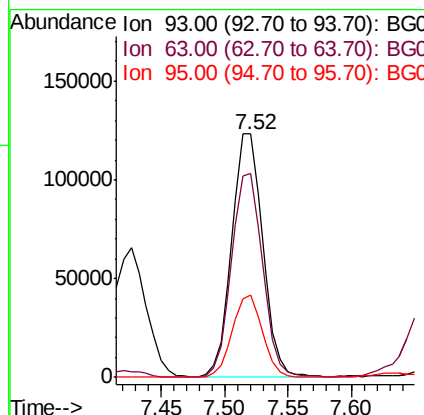
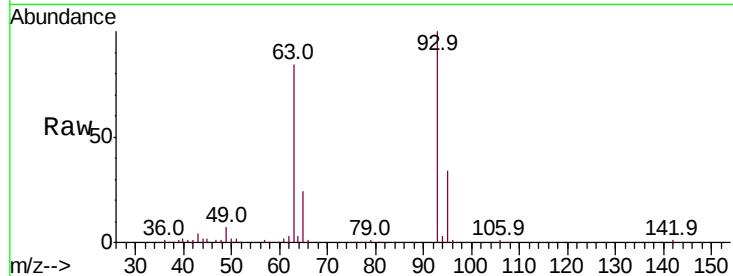
#11
bis(2-Chloroethyl)ether
Concen: 41.566 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	69.5	109.5
95	34.0	12.6	52.6

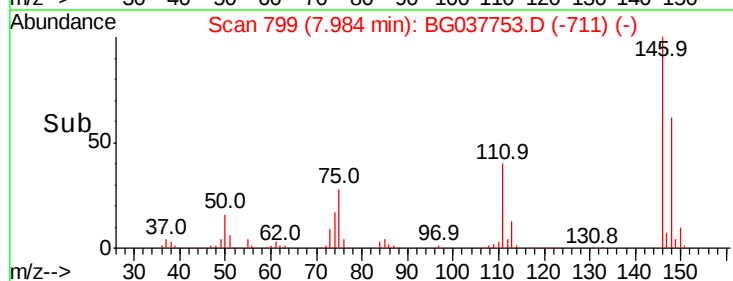
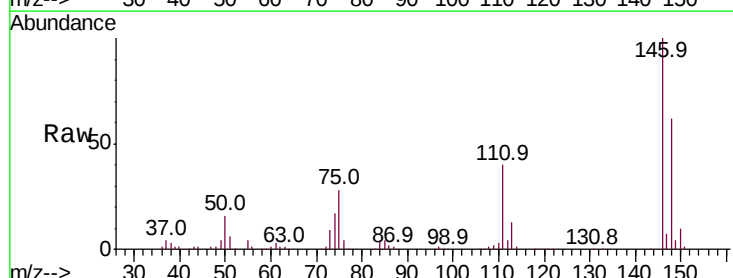
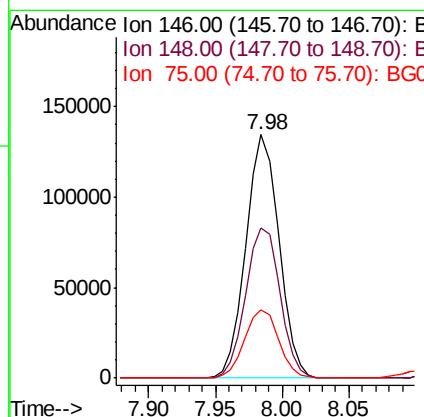
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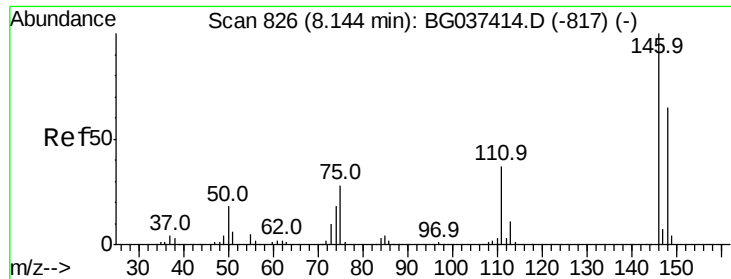
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#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.8	74.8
75	27.8	23.2	34.8





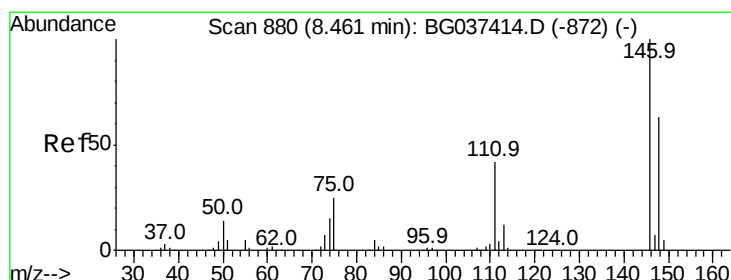
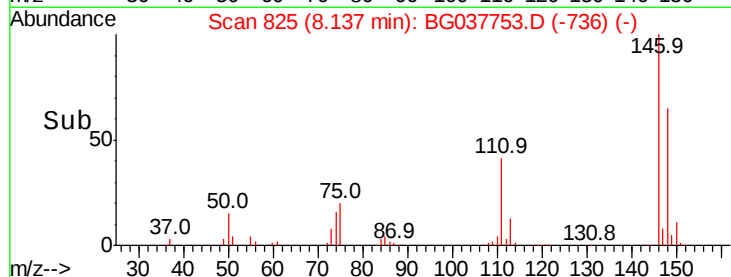
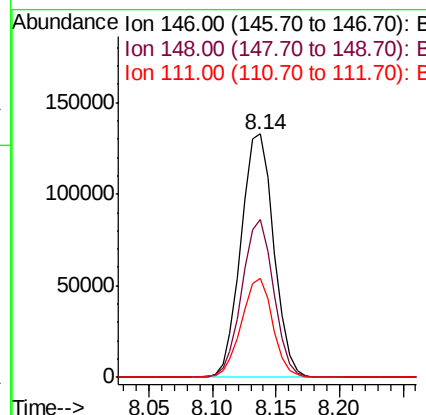
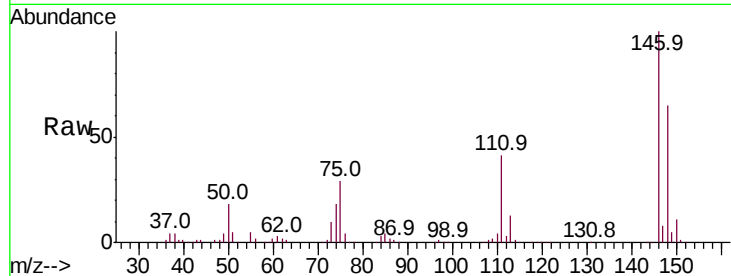
#13
1,4-Dichlorobenzene
Concen: 43.113 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	40.9	32.4	48.6

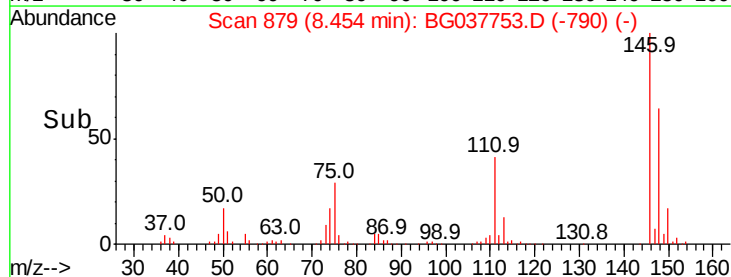
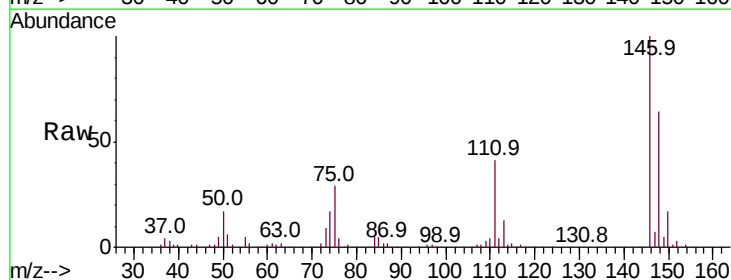
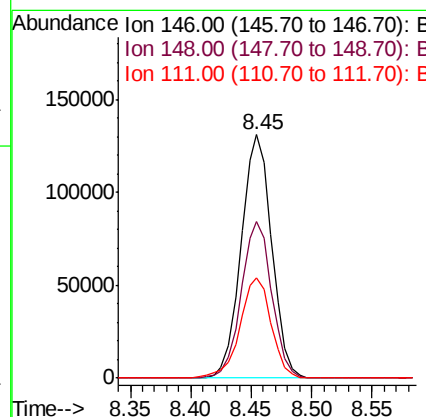
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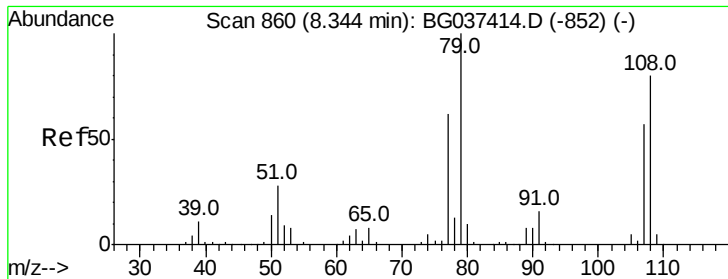
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#14
1,2-Dichlorobenzene
Concen: 43.421 ng
RT: 8.45 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	41.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 44.513 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

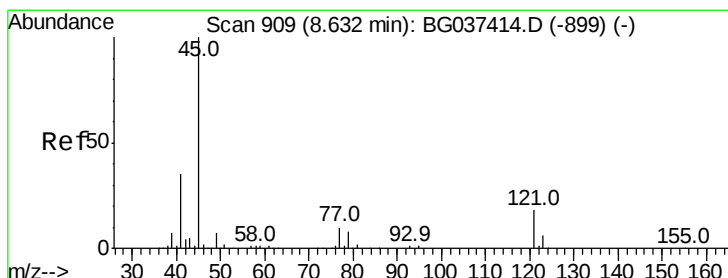
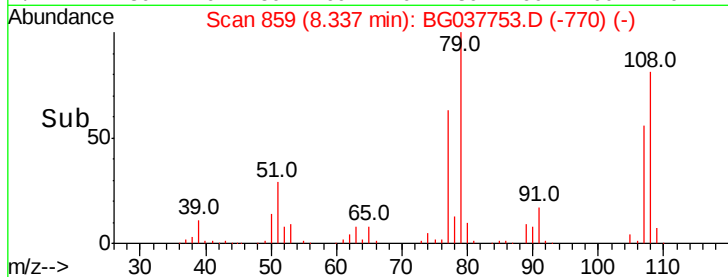
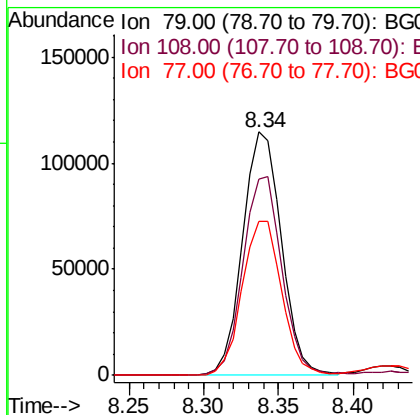
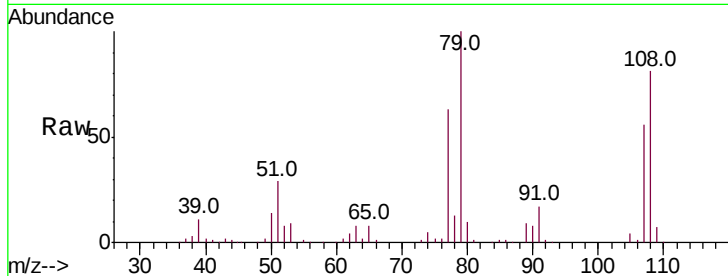
ClientSampleId :

PB114391BS

Tot Ion:	79	Resp:	206409
Ion Ratio	Lower	Upper	
79	100		
108	80.5	65.8	98.8
77	63.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.988 ng

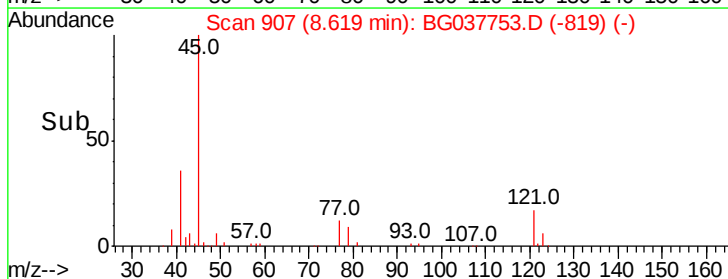
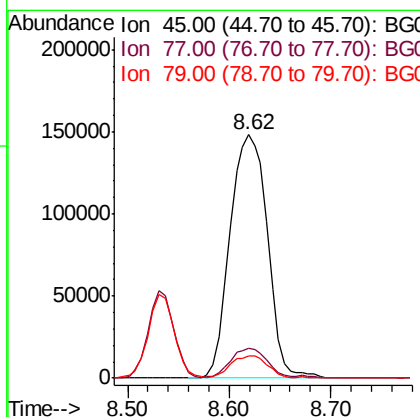
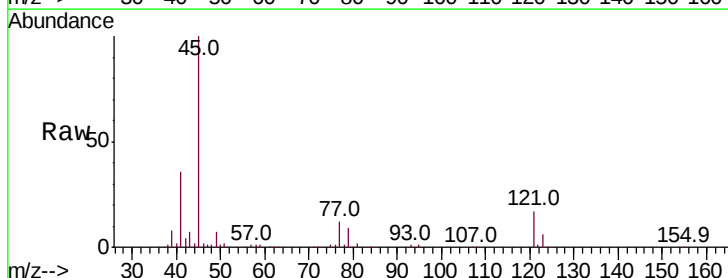
RT: 8.62 min Scan# 907

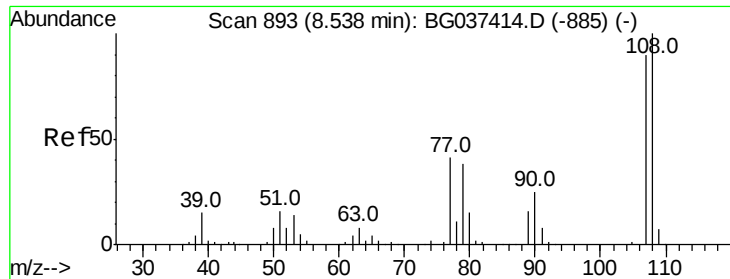
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	45	Resp:	377823
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	30.0
79	9.1	0.0	29.0





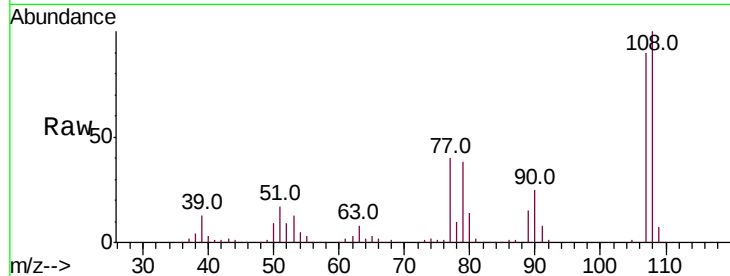
#17
2-Methylphenol
Concen: 48.695 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.9	131.9	
77	43.9	35.1	52.7	
79	42.3	34.5	51.7	

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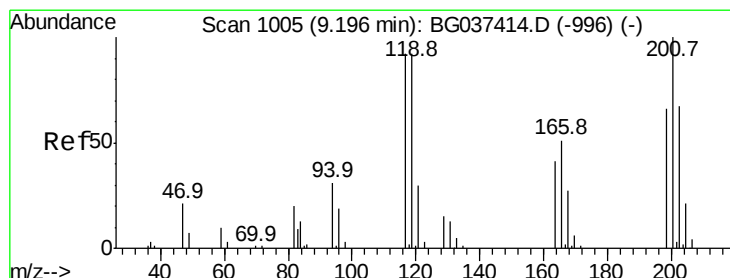
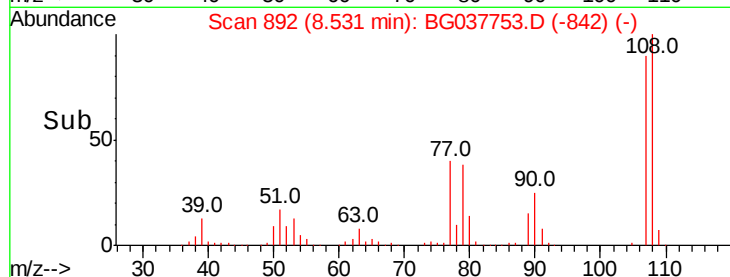
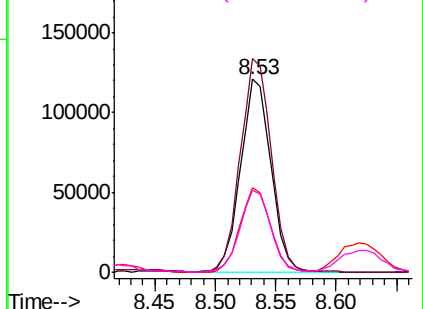
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.053 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

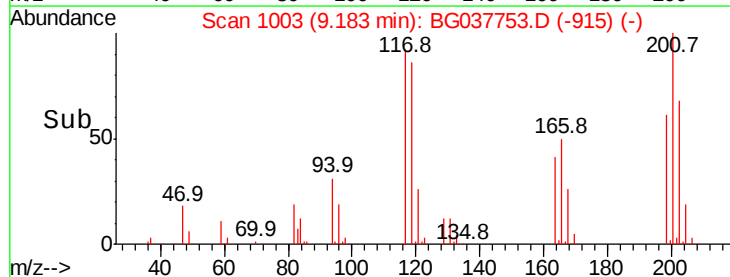
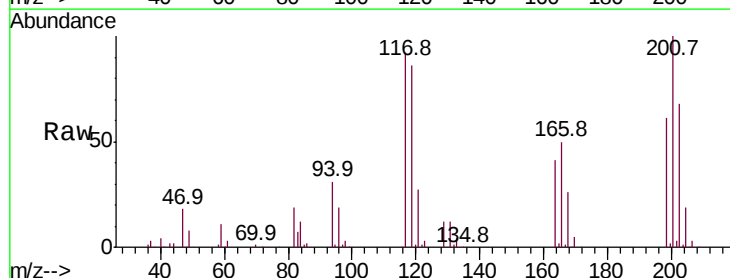
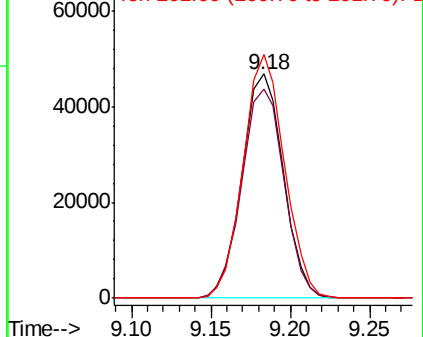
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	74.6	111.8	
201	108.7	80.8	121.2	

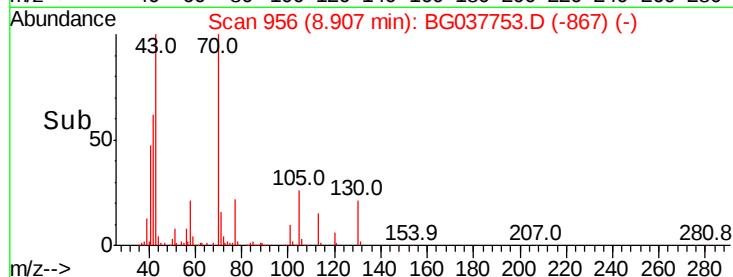
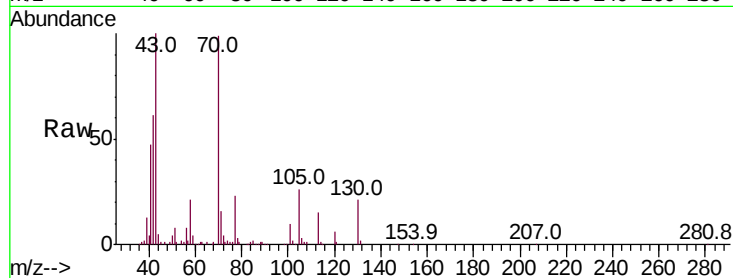
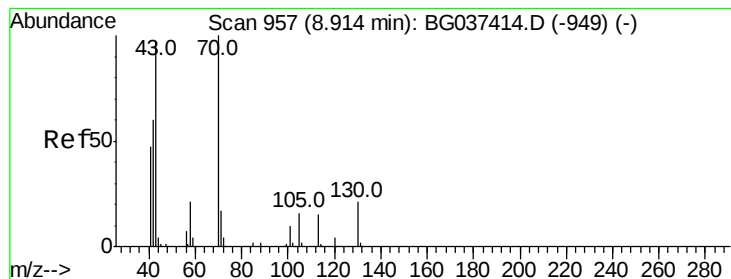
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.085 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	53.9	80.9
101	10.2	8.2	12.2
130	21.3	18.2	27.4

Instrument :

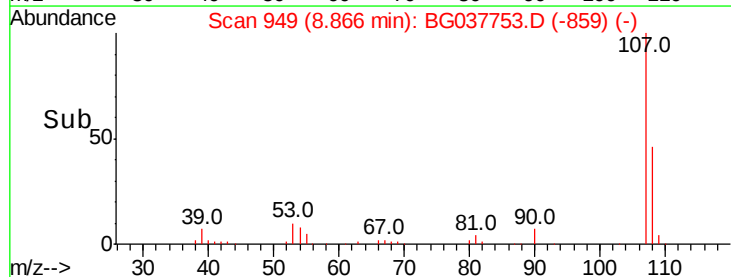
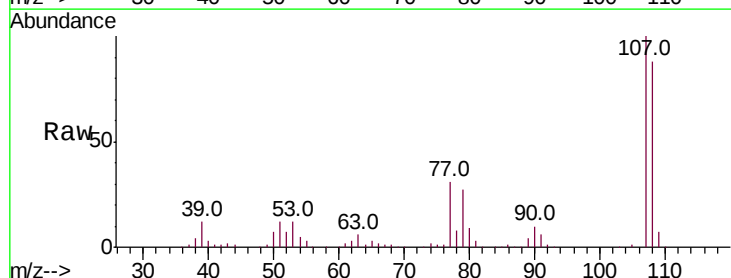
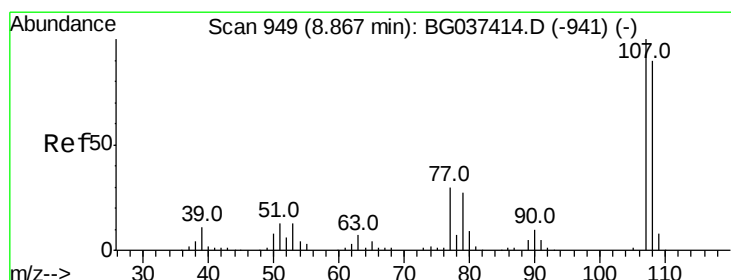
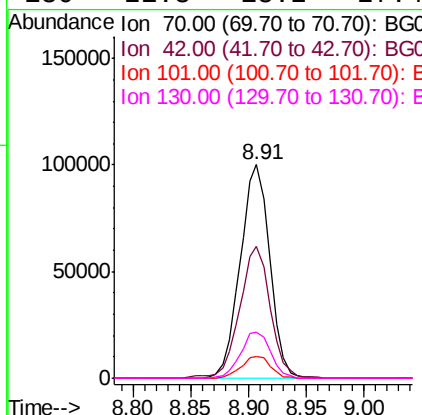
BNA_G

ClientSampleId :

PB114391BS

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#20

3+4-Methylphenols

Concen: 47.147 ng

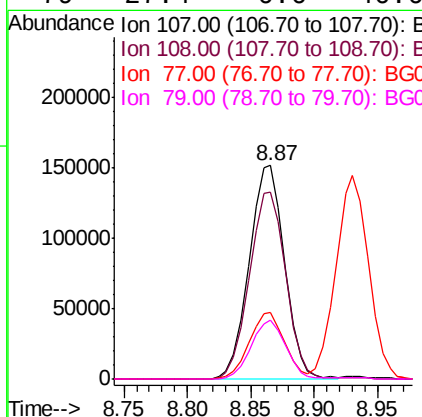
RT: 8.87 min Scan# 949

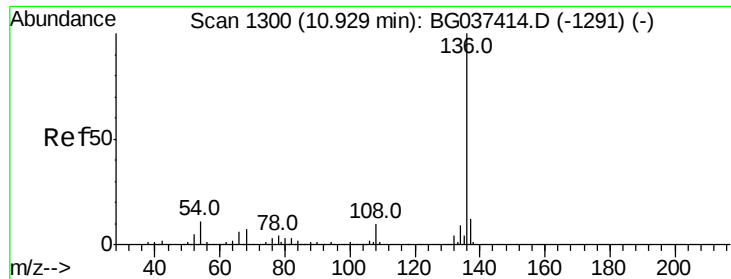
Delta R.T. -0.00 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.9	109.9
77	31.4	11.2	51.2
79	27.4	6.6	46.6





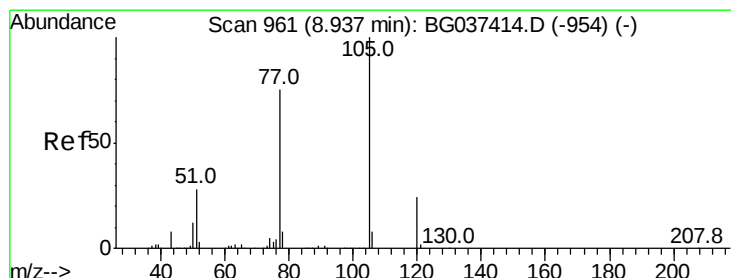
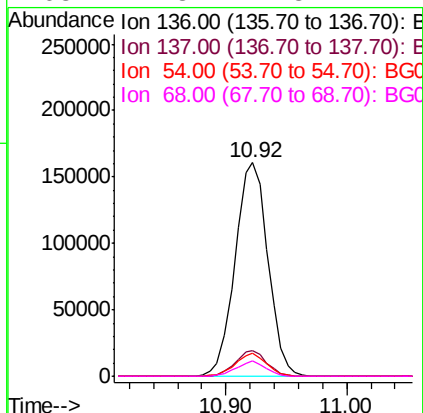
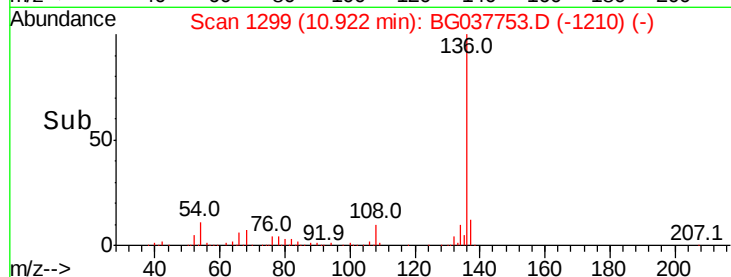
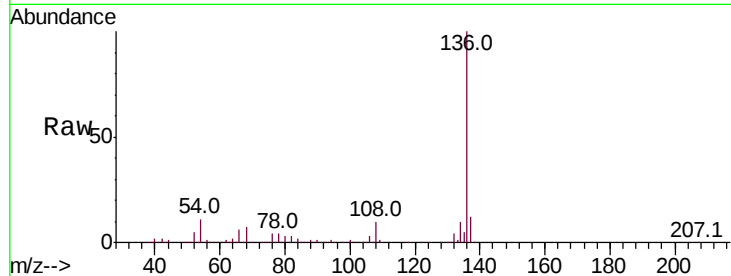
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.6	14.4	
54	10.5	7.9	11.9	
68	7.3	4.8	7.2#	

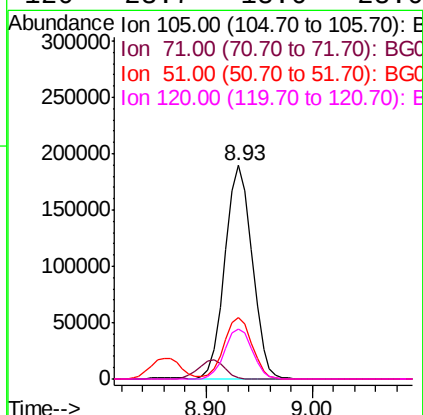
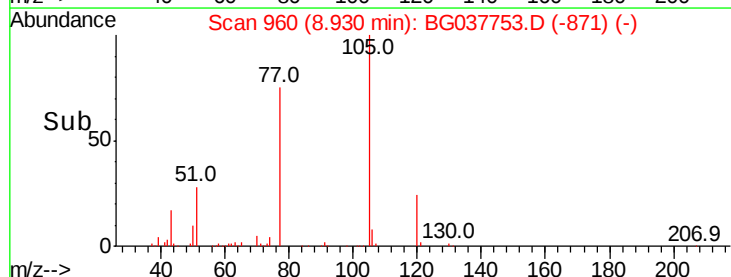
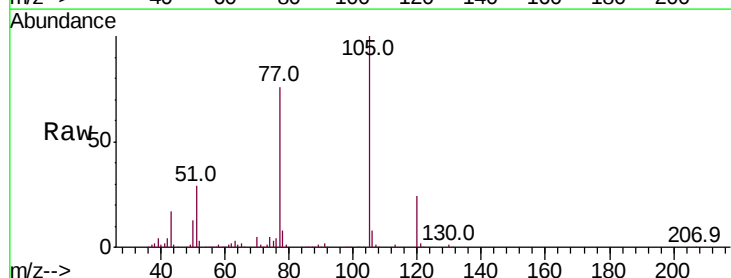
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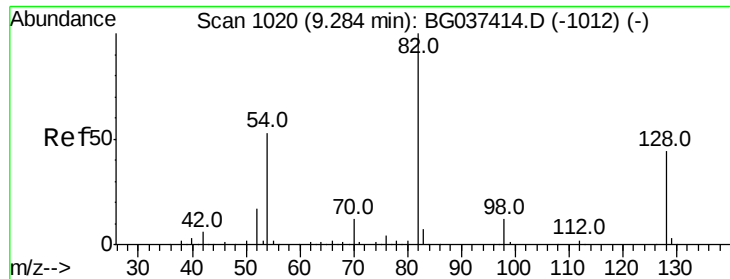
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#22
Acetophenone
Concen: 44.398 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	1.2	1.8#	
51	29.0	25.0	37.6	
120	23.7	18.6	28.0	





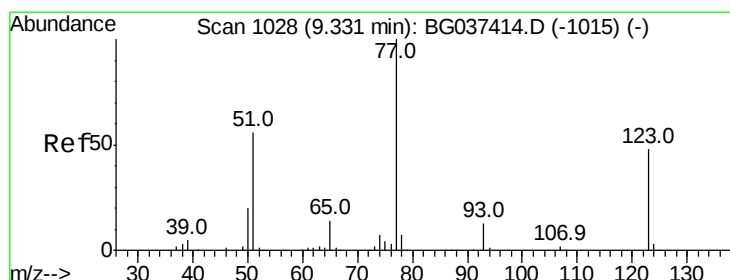
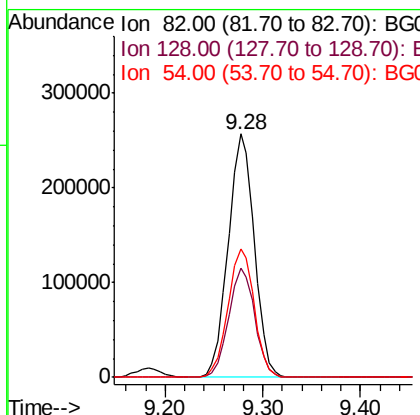
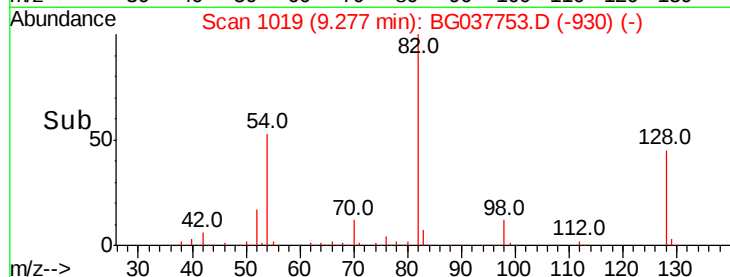
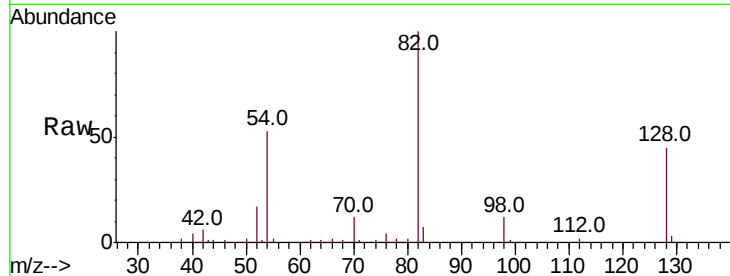
#23
Nitrobenzene-d5
Concen: 87.610 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	52.6	45.3	67.9

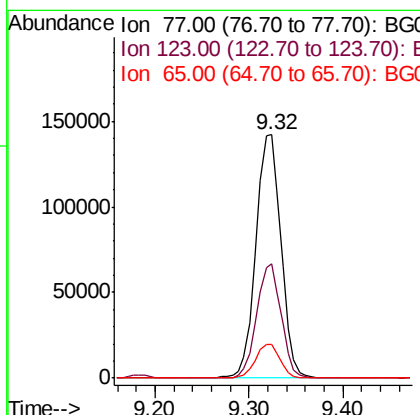
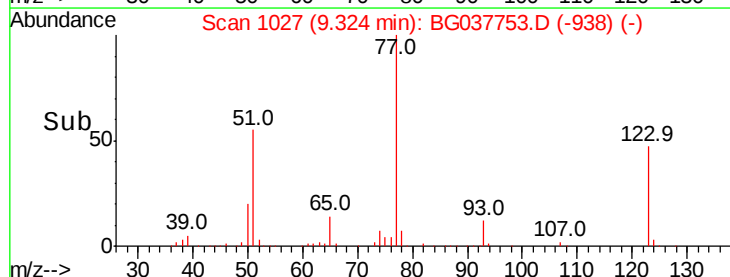
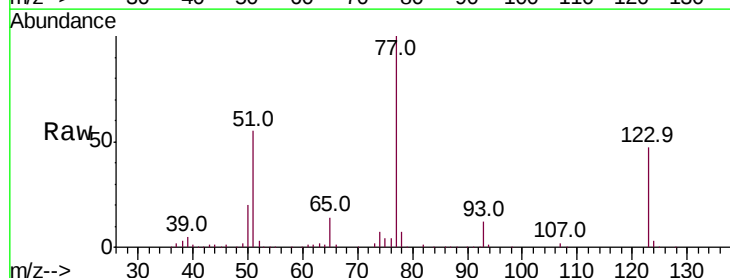
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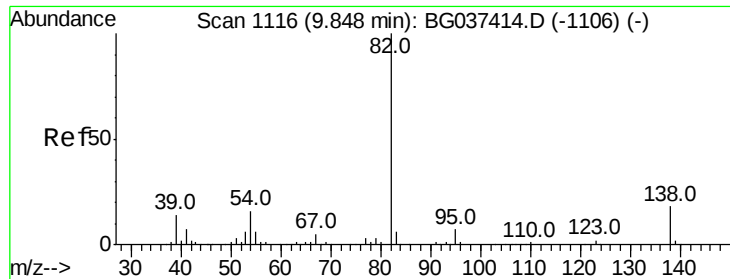
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#24
Nitrobenzene
Concen: 46.491 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	33.6	50.4
65	13.6	11.3	16.9





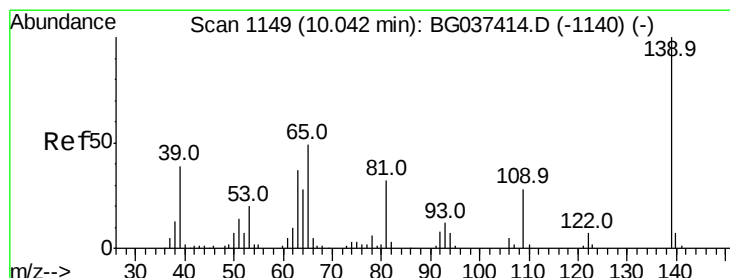
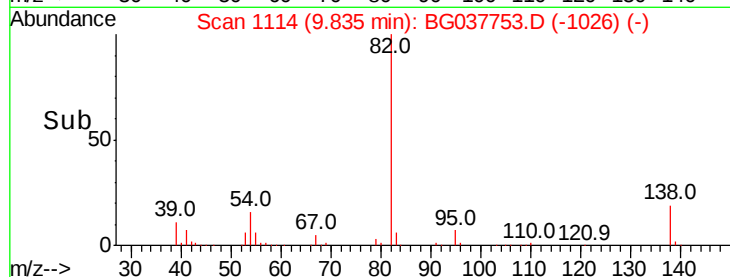
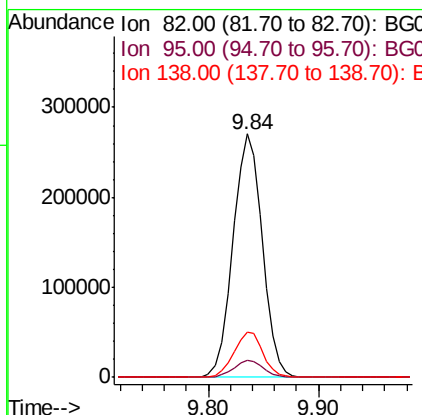
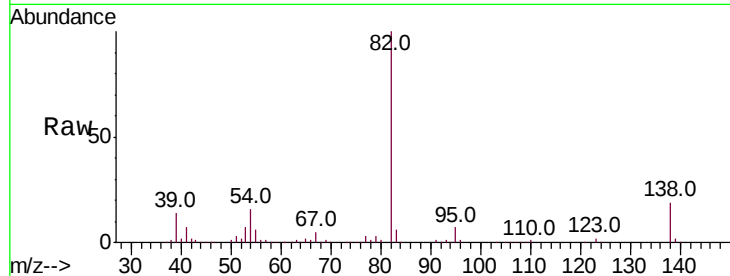
#25
Isophorone
Concen: 50.765 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	82	Resp	504168
Ion Ratio	100	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	18.8	13.3	19.9

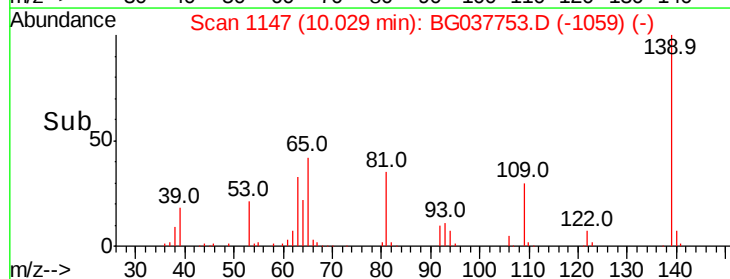
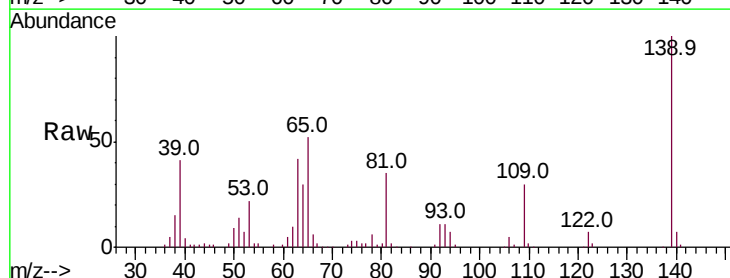
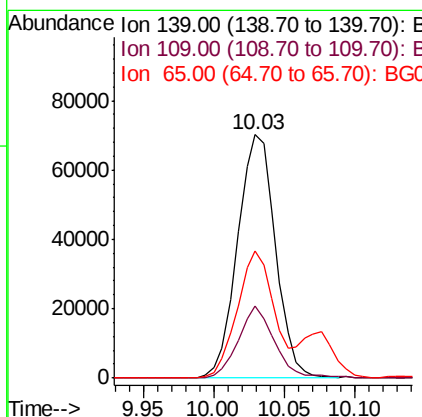
Manual Integrations
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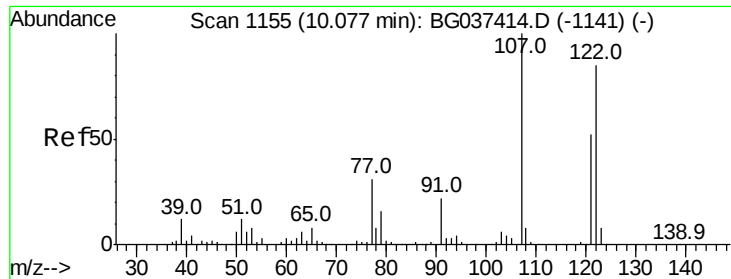
Sohil
11/2/2018 2:47:41 PM



#26
2-Nitrophenol
Concen: 51.735 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	139	Resp	131601
Ion Ratio	100	Lower	Upper
139	100		
109	29.7	23.3	34.9
65	52.0	39.8	59.8





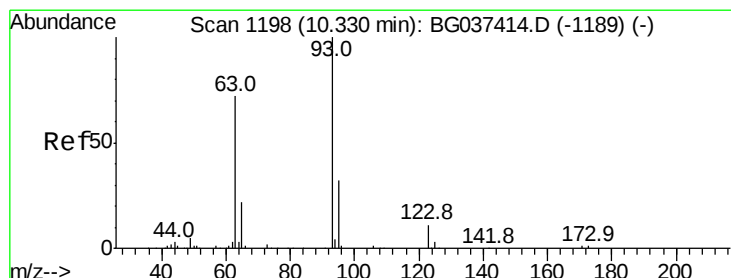
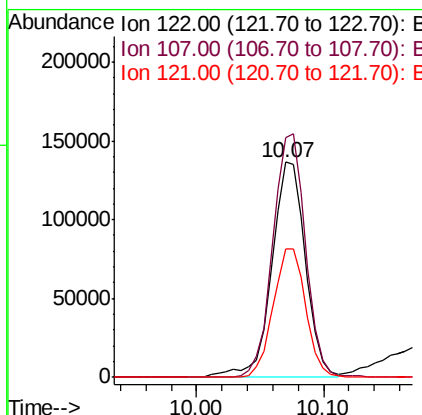
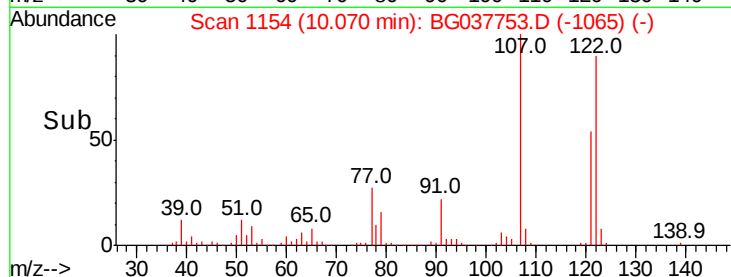
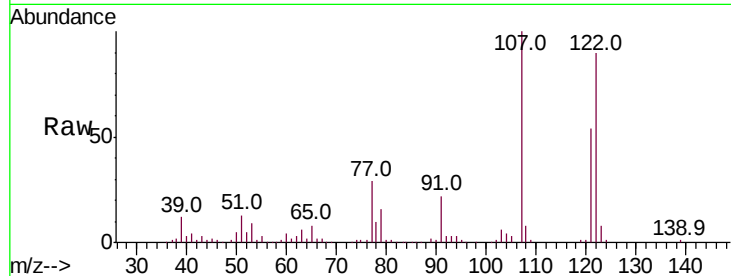
#27
 2,4-Dimethylphenol
 Concen: 55.331 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251300		
107	111.1	94.2	141.2	
121	59.8	47.3	70.9	

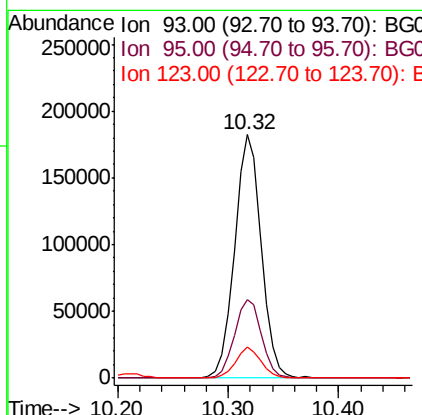
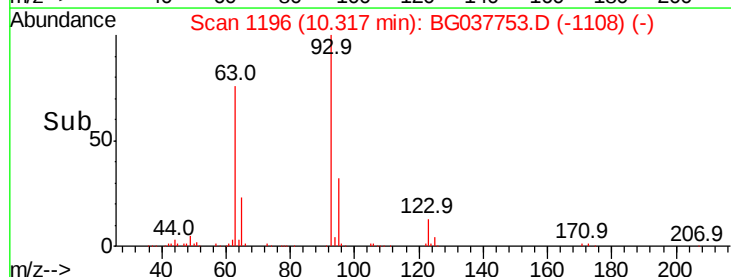
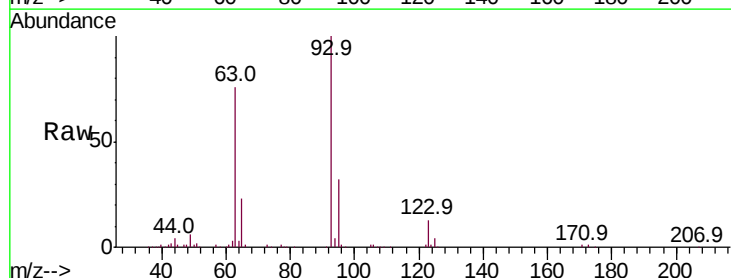
Manual Integrations
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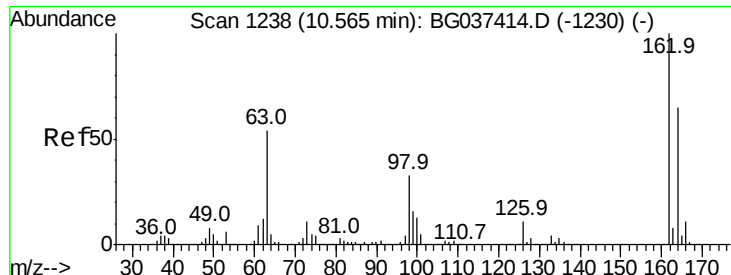
Sohil
 11/2/2018 2:47:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.203 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307144		
95	32.3	24.6	37.0	
123	12.5	9.1	13.7	





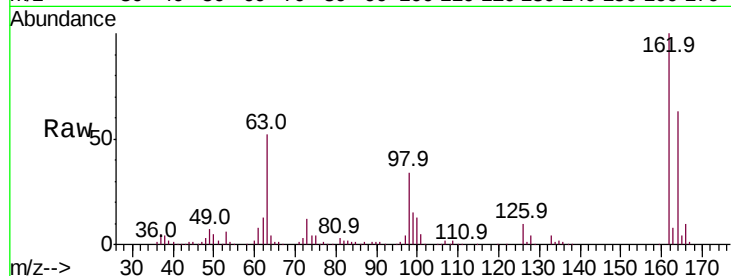
#29
 2,4-Dichlorophenol
 Concen: 50.570 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	255728		
164	63.5	43.2	83.2	
98	33.6	16.0	56.0	

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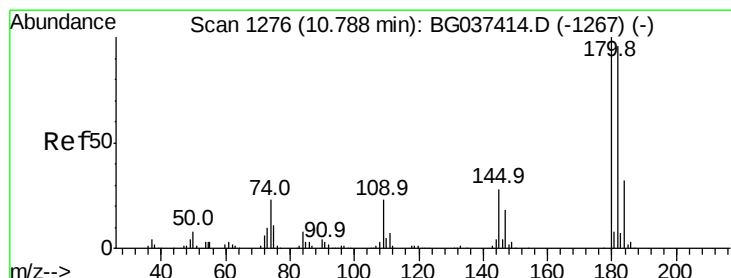
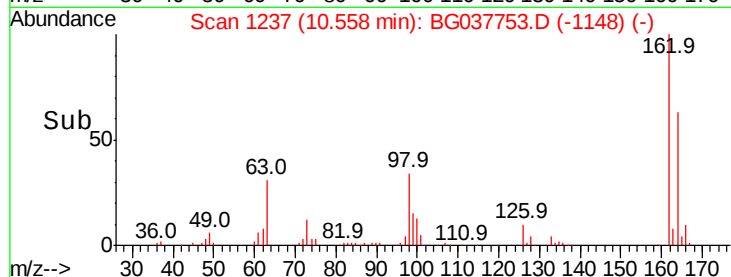
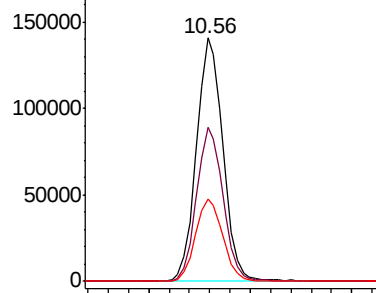


Abundance

Ion 162.00 (161.70 to 162.70): E

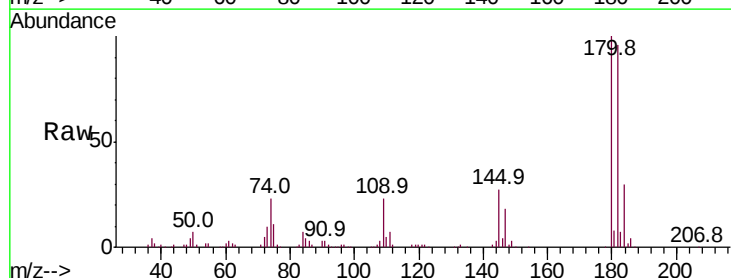
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 46.110 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	253568		
182	96.2	77.7	116.5	
145	27.0	23.3	34.9	

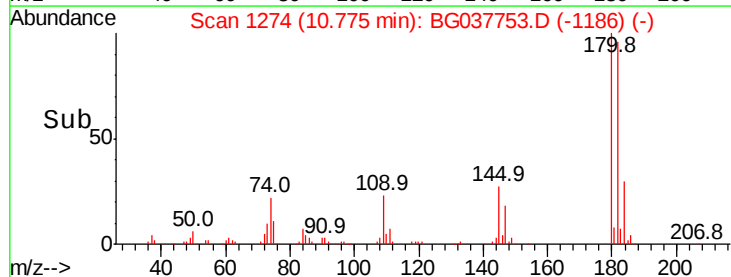
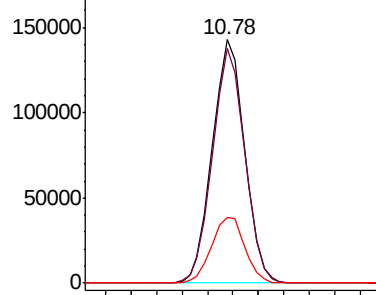


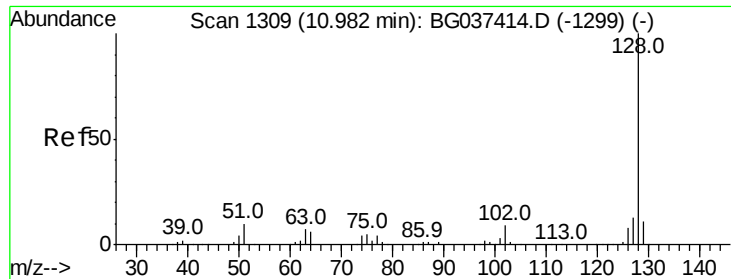
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





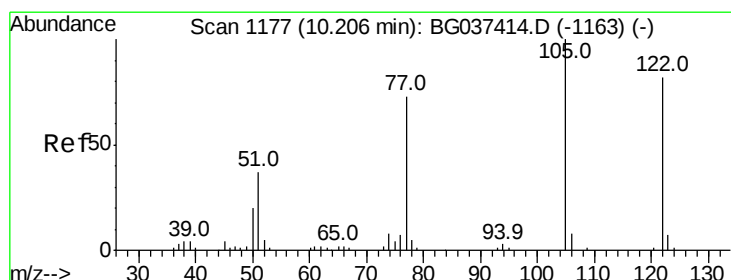
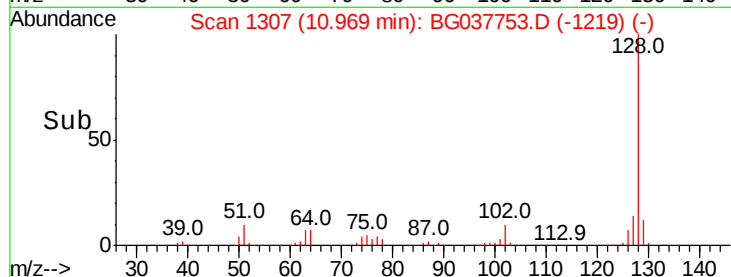
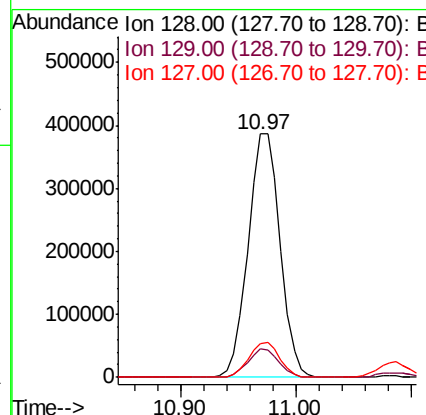
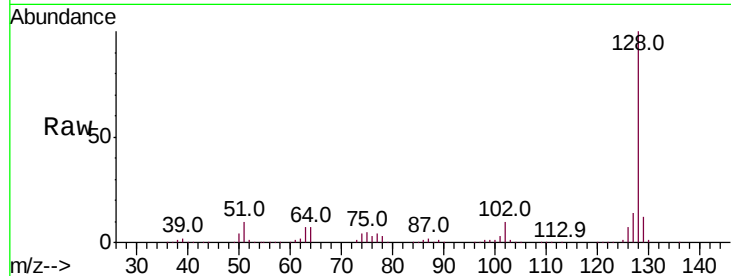
#31
Naphthalene
Concen: 49.690 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampled :
PB114391BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.0	11.1	16.7

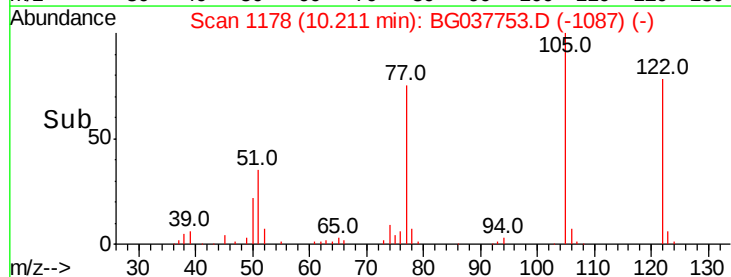
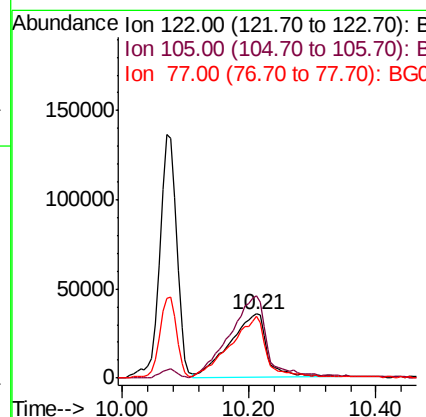
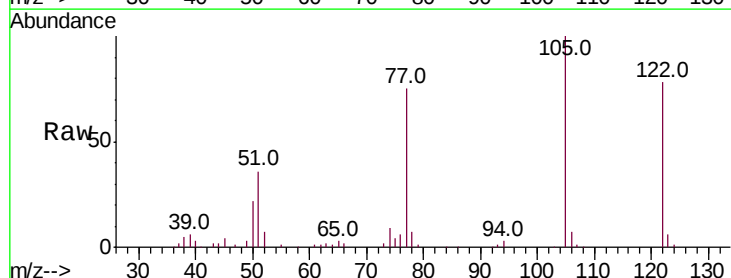
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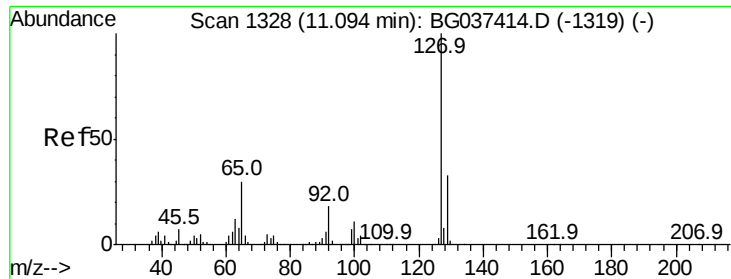
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#32
Benzoic acid
Concen: 48.685 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	106.7	146.7
77	96.7	72.2	112.2





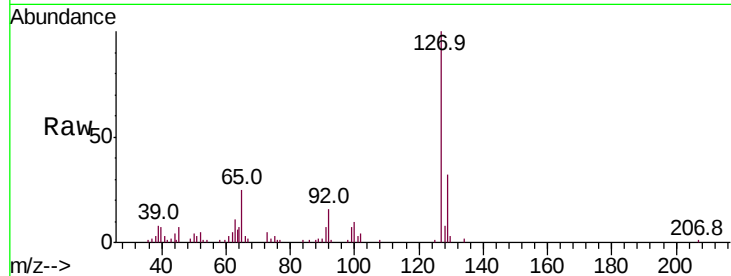
#33
4-Chloroaniline
Concen: 6.772 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.1	40.7
65	24.9	26.6	39.8#
92	16.4	16.4	24.6#

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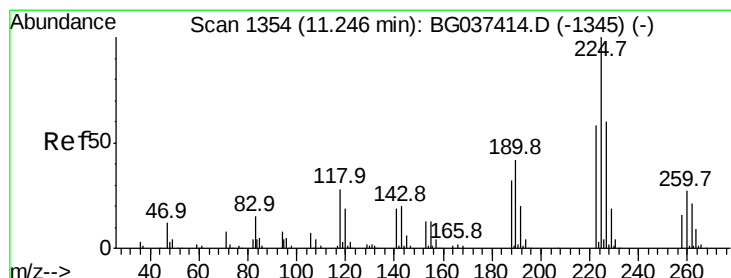
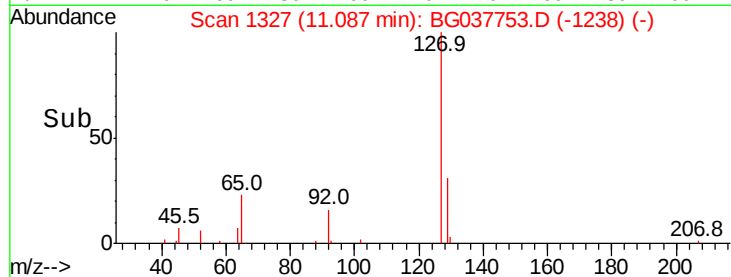
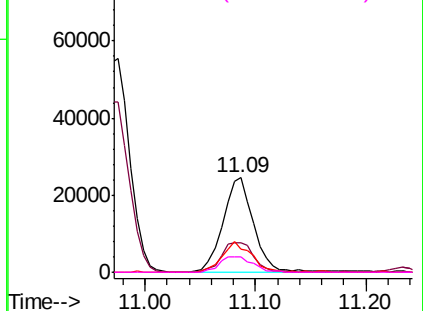
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 46.324 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

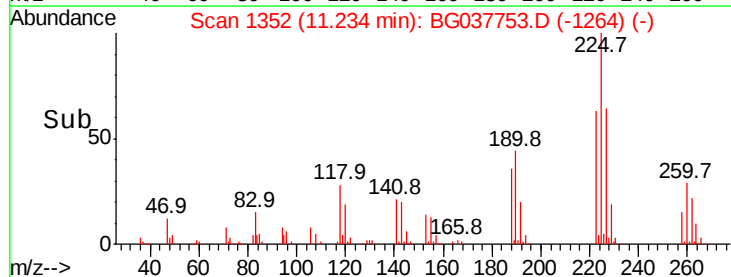
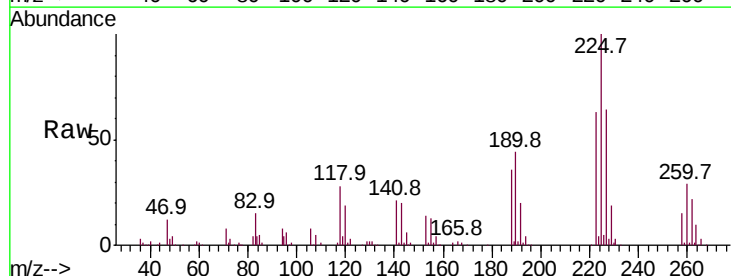
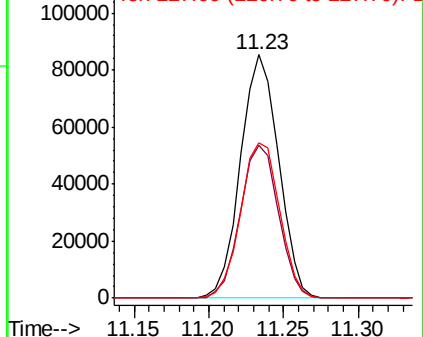
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.2	72.4
227	63.4	51.6	77.4

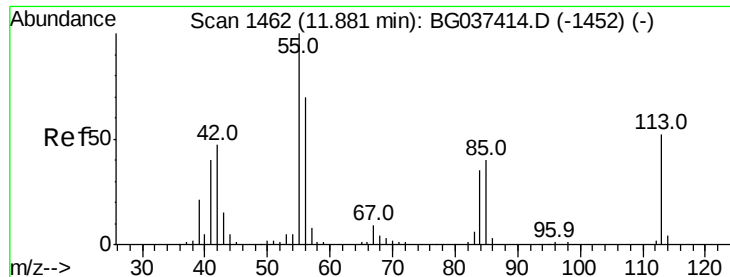
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





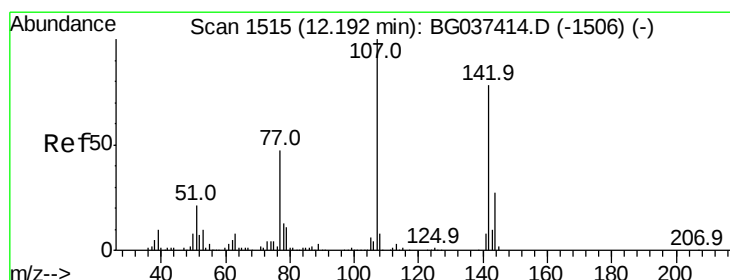
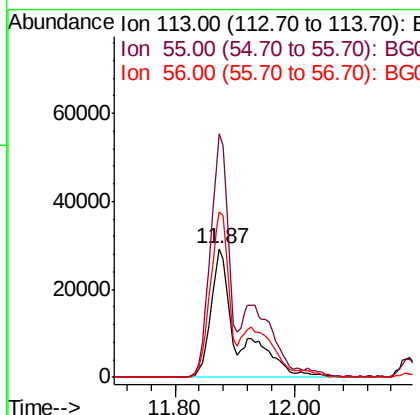
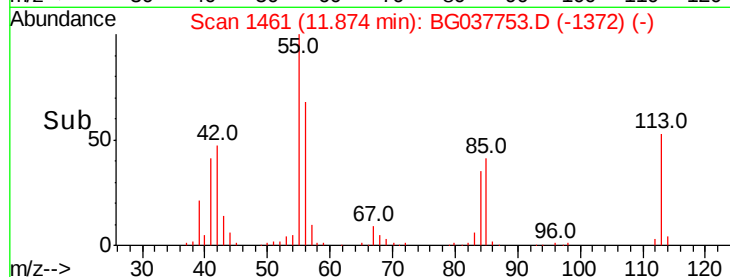
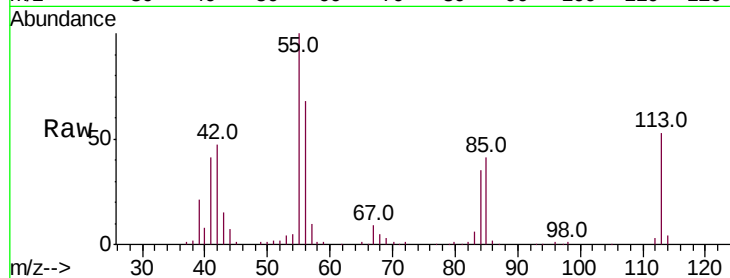
#35
 Caprolactam
 Concen: 45.631 ng/ml
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleID :
 PB114391BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.1	176.6	216.6
56	128.3	128.3	168.3

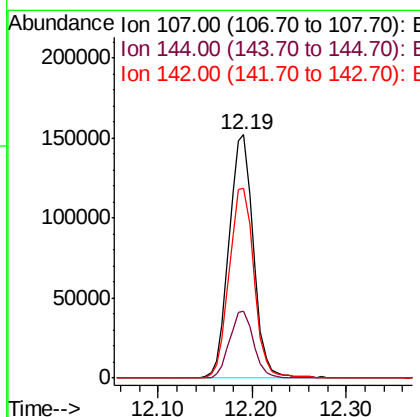
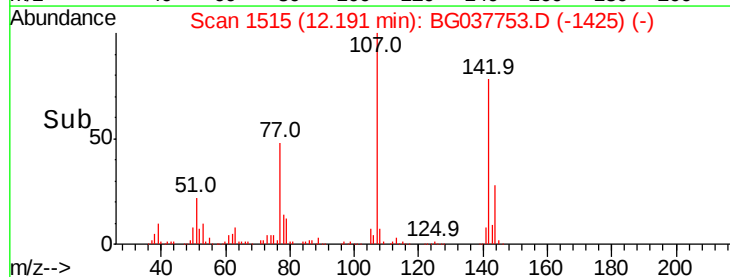
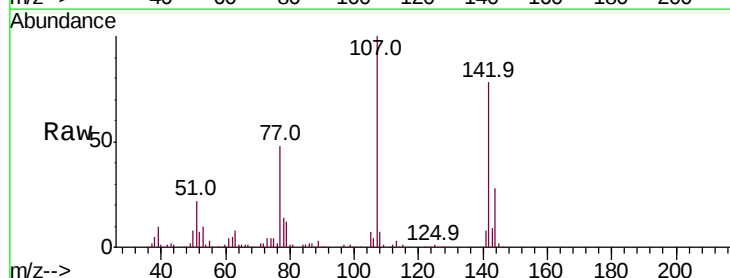
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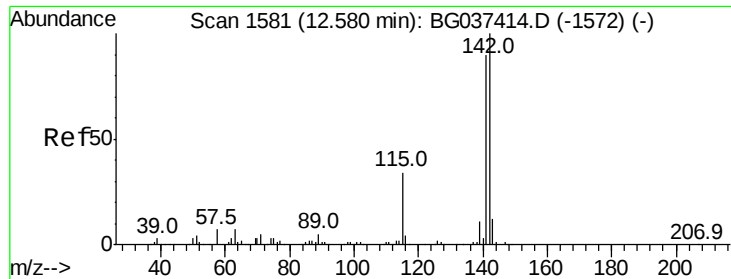
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 48.147 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.7	31.1
142	78.0	64.4	96.6





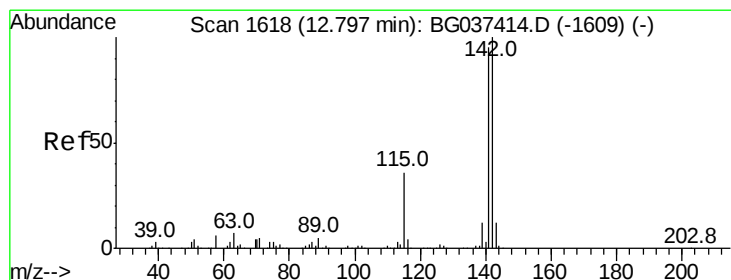
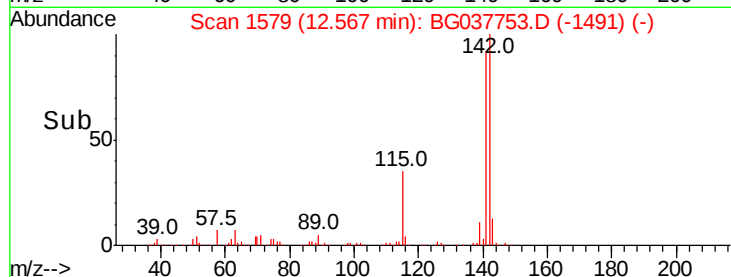
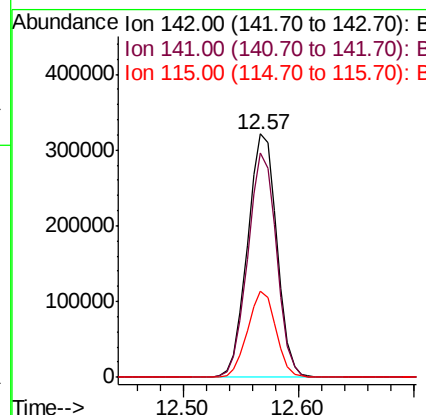
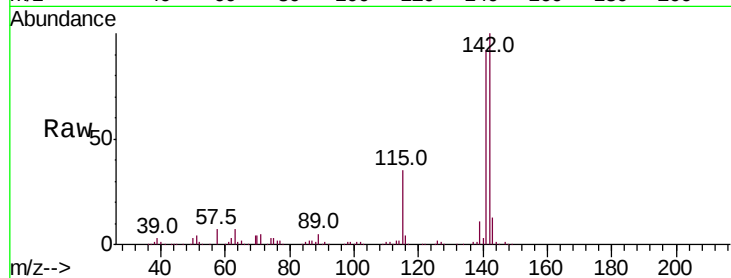
#37
2-Methylnaphthalene
Concen: 51.922 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.9	107.9
115	35.4	27.8	41.8

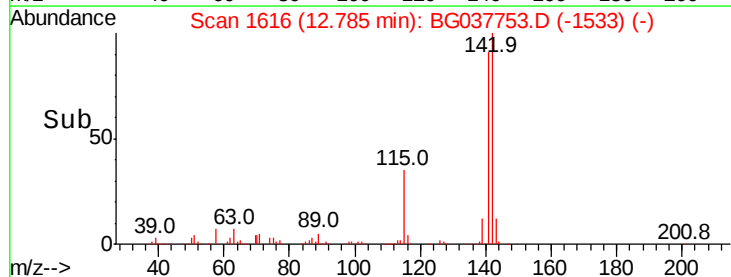
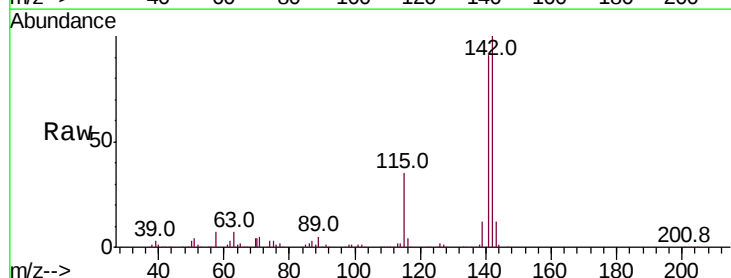
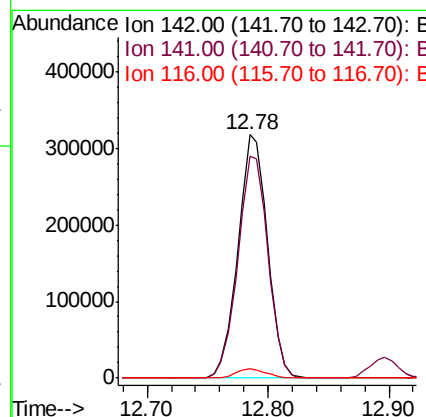
Manual Integrations
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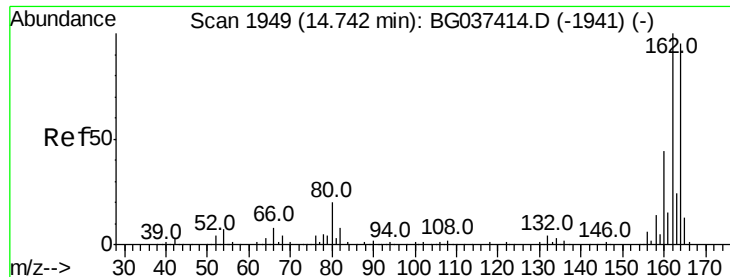
Sohil
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#38
1-Methylnaphthalene
Concen: 51.101 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	75.2	112.8
116	3.7	3.3	4.9





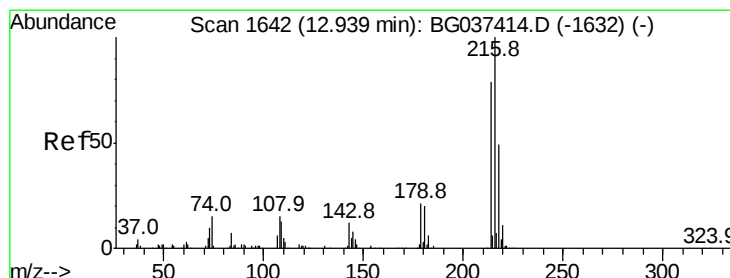
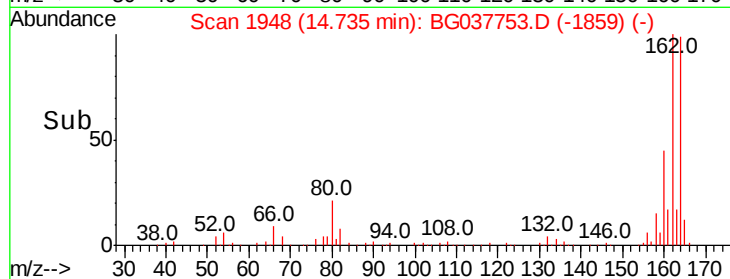
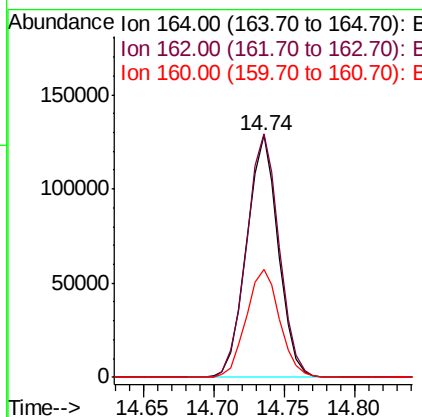
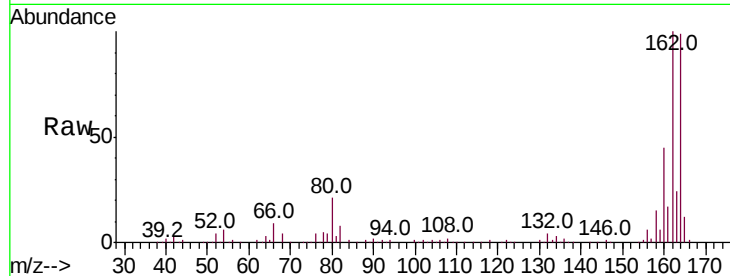
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	44.8	36.3	54.5

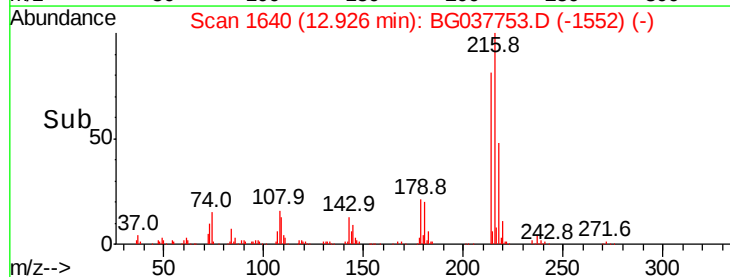
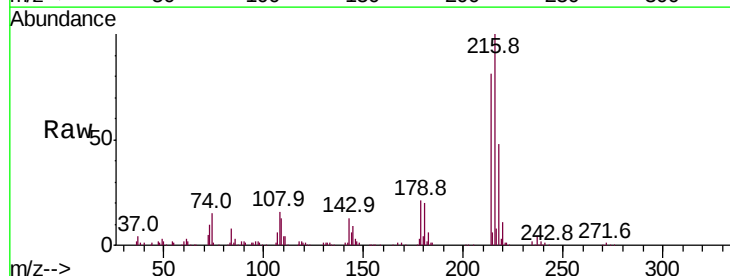
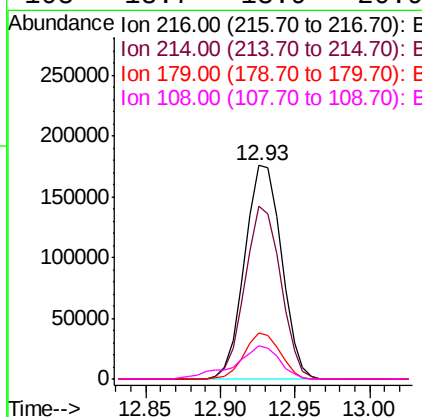
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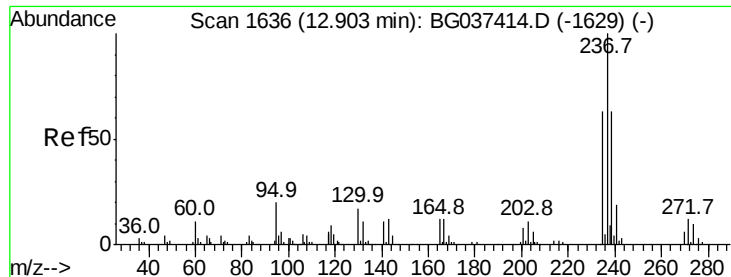
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.173 ng
RT: 12.93 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.8	17.4	26.0
108	18.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 122.023 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

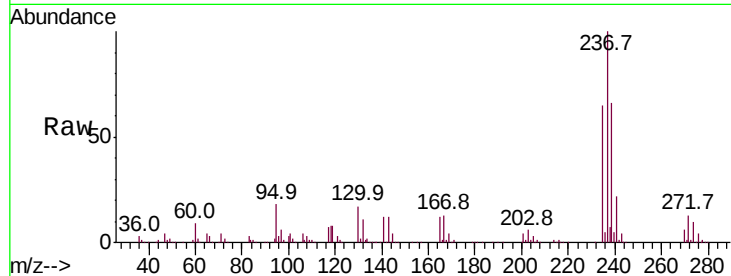
ClientSampleId :

PB114391BS

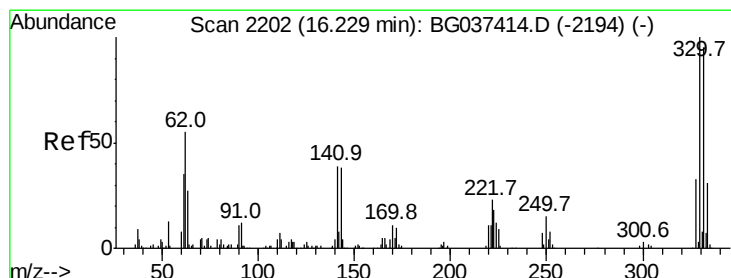
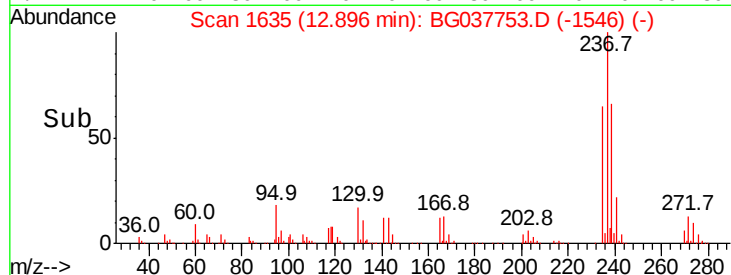
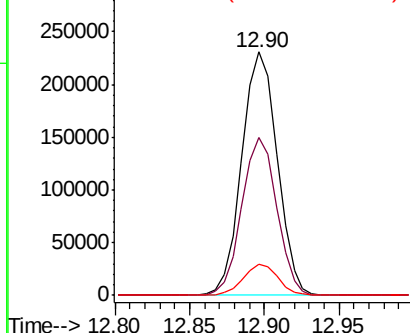
Tot Ion:	237	Resp:	379796
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.5	82.5
272	12.6	0.0	31.6

Manual Integrations
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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: 133.726 ng

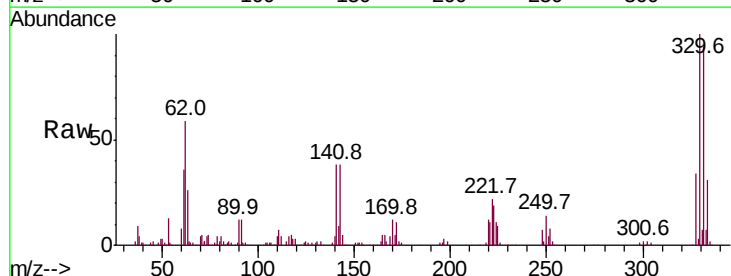
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

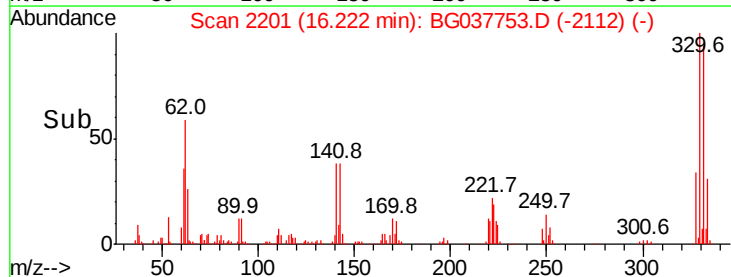
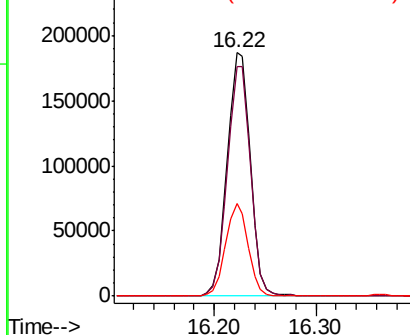
Lab File: BG037753.D

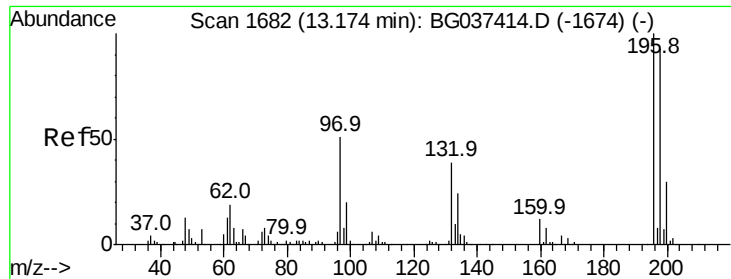
Acq: 2 Nov 2018 13:25

Tgt Ion:	330	Resp:	294639
Ion Ratio	Lower	Upper	
330	100		
332	94.8	78.4	117.6
141	37.2	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





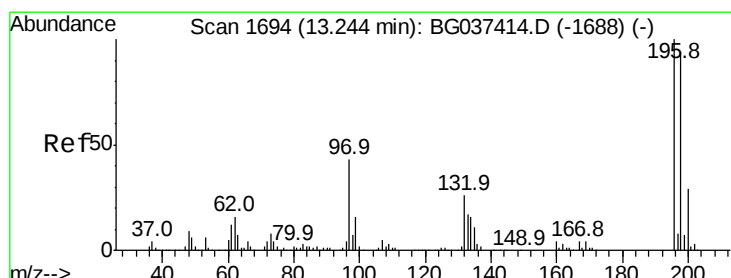
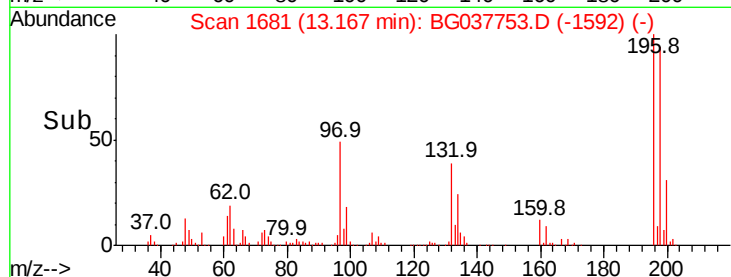
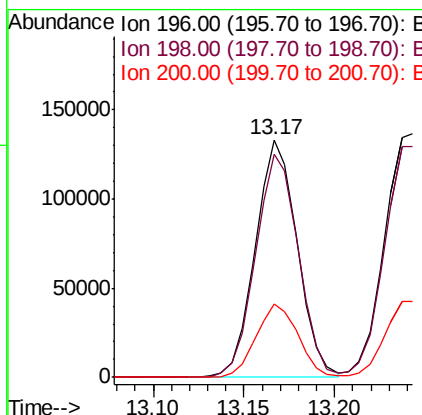
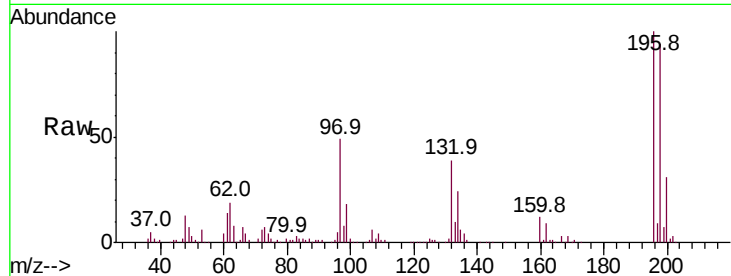
#43
 2,4,6-Trichlorophenol
 Concen: 49.082 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampled :
 PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213662		
198	93.9	76.4	114.6	
200	30.8	24.9	37.3	

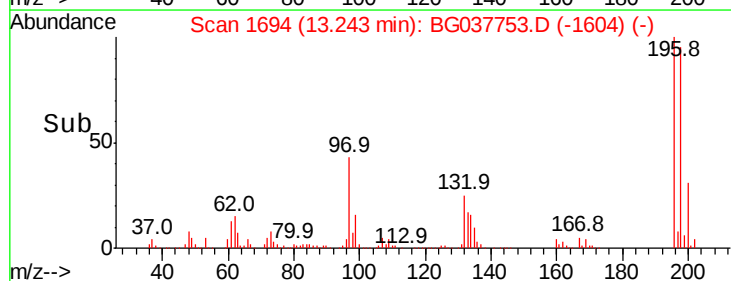
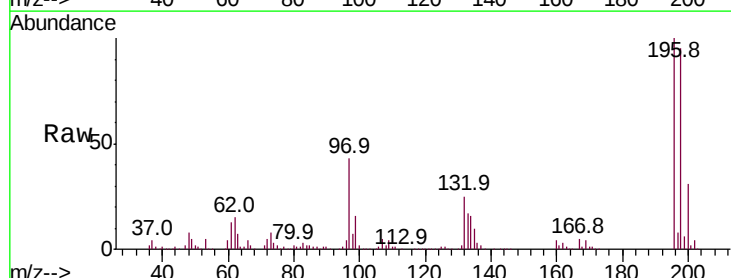
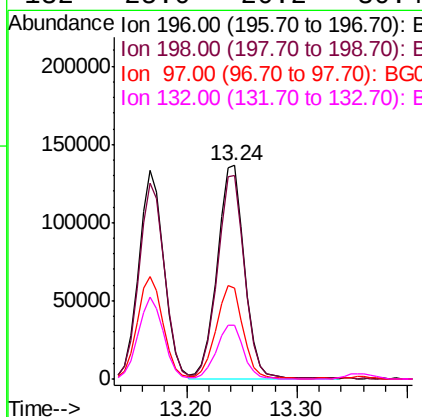
Manual Integrations
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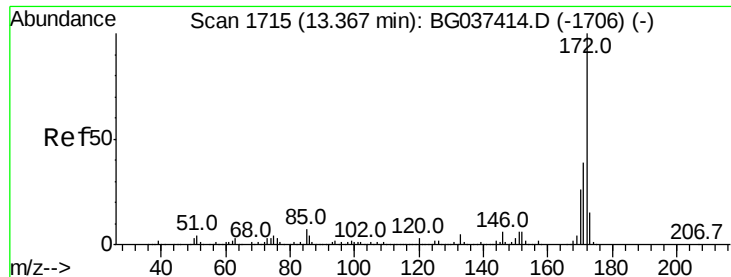
Sohil
 11/2/2018 2:47:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.188 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233133		
198	95.0	74.2	111.2	
97	42.6	34.1	51.1	
132	25.0	20.2	30.4	





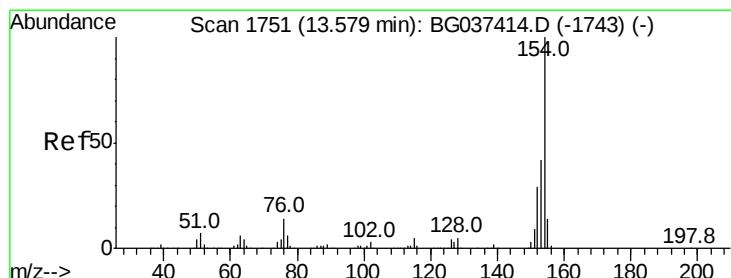
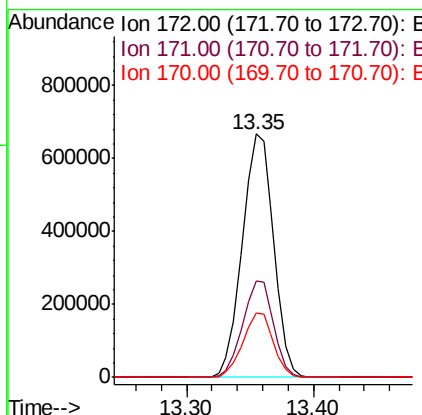
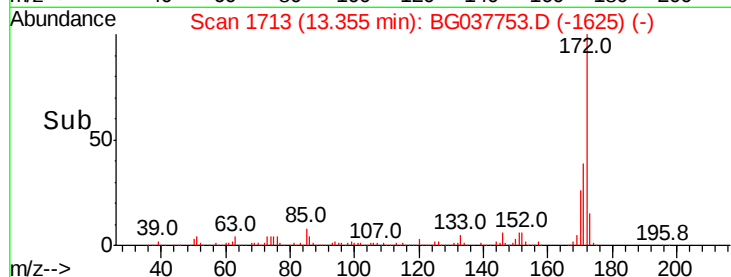
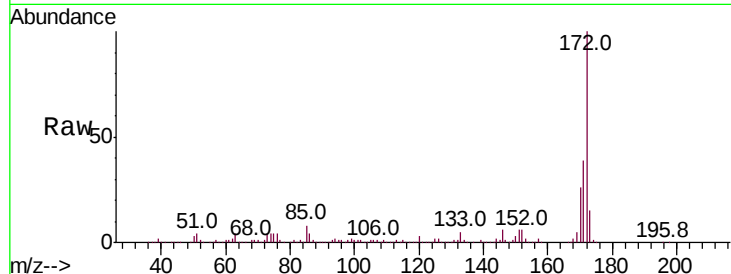
#45
2-Fluorobiphenyl
Concen: 85.418 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion:172 Resp: 1144297
Ion Ratio Lower Upper
172 100
171 39.4 31.0 46.4
170 26.3 20.2 30.2

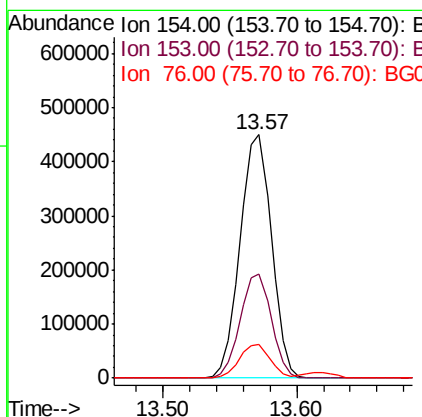
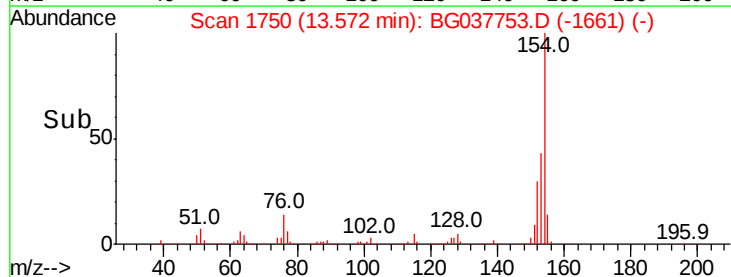
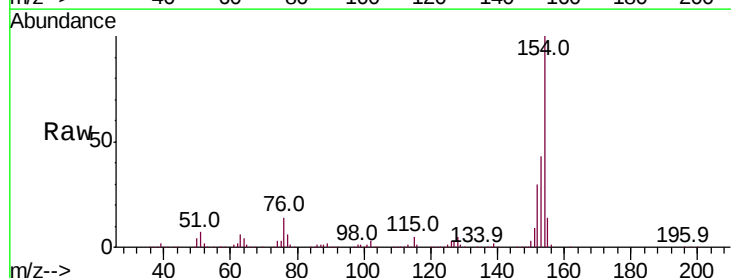
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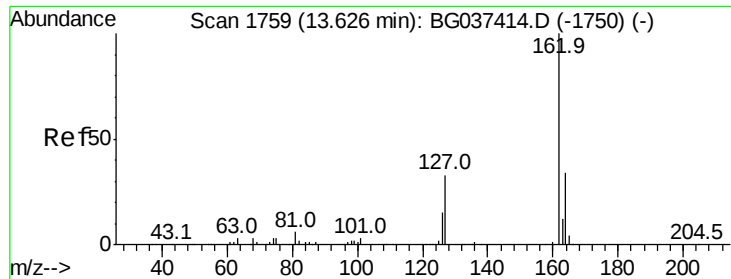
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#46
1,1'-Biphenyl
Concen: 43.825 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion:154 Resp: 733190
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 13.9 0.0 33.2





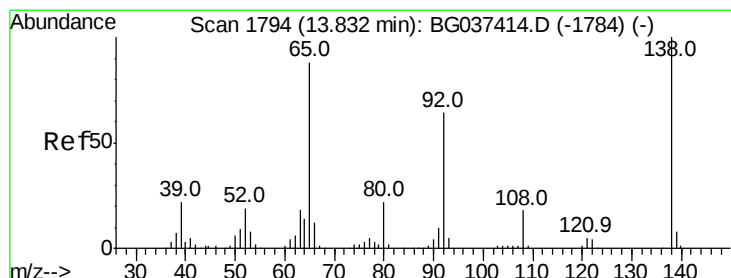
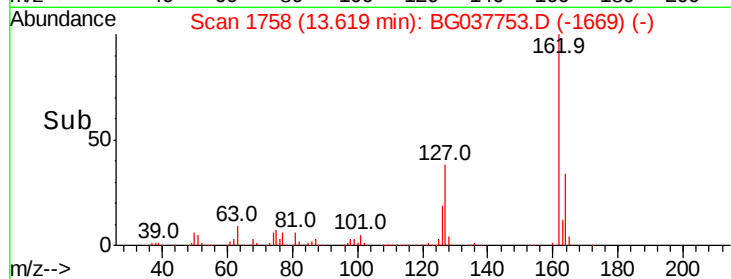
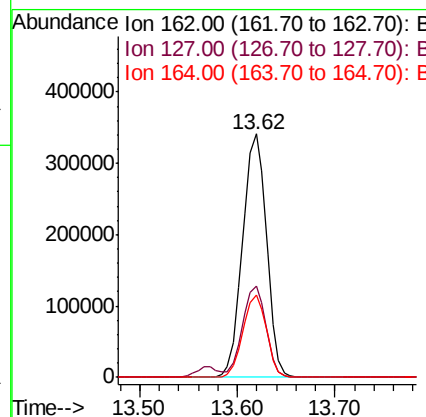
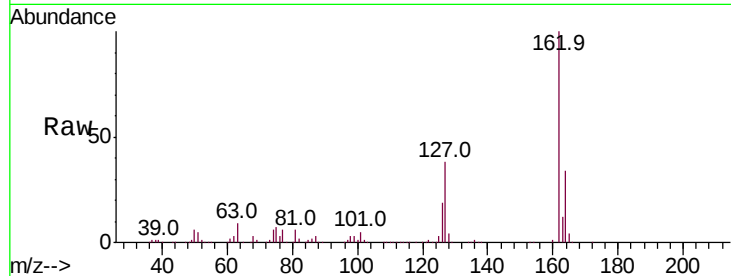
#47
2-Chloronaphthalene
Concen: 46.005 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	582282		
127	37.6		30.5	45.7
164	33.9		26.4	39.6

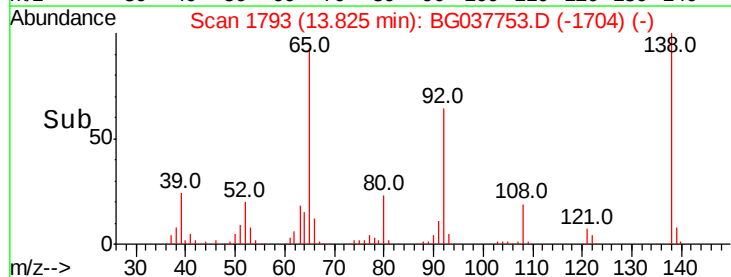
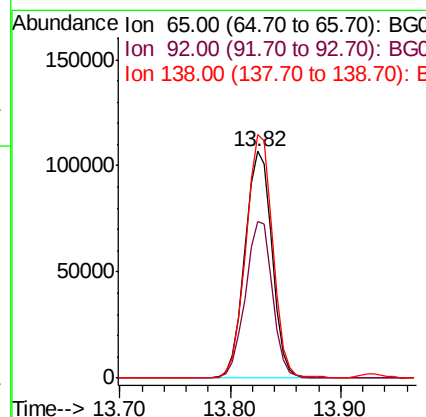
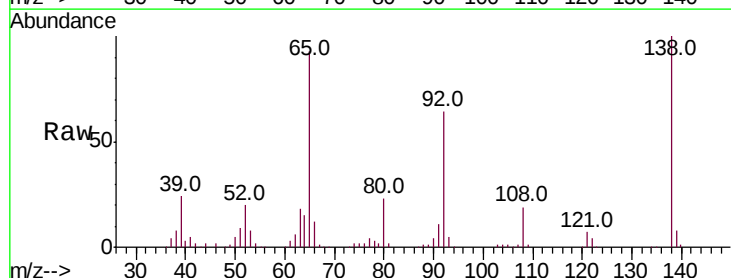
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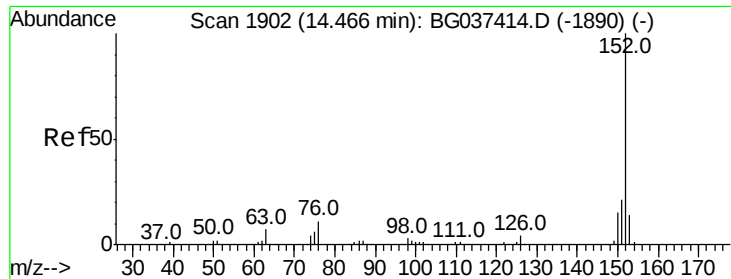
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#48
2-Nitroaniline
Concen: 48.214 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185055		
92	69.3		53.2	79.8
138	107.5		79.3	118.9





#49

Acenaphthylene

Concen: 49.672 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

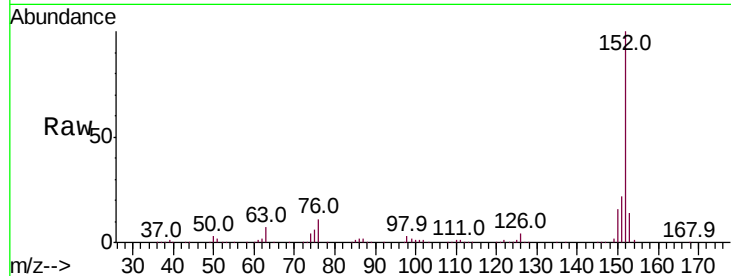
ClientSampleId :

PB114391BS

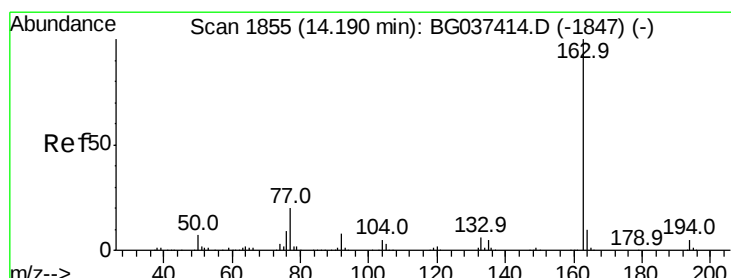
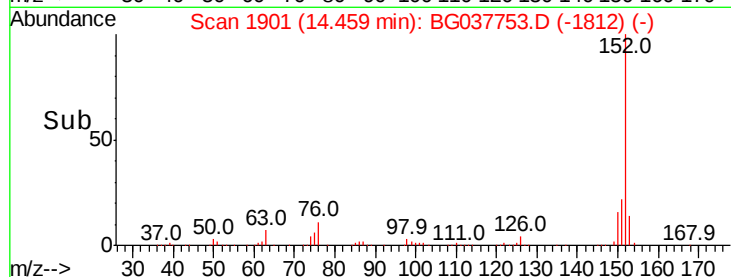
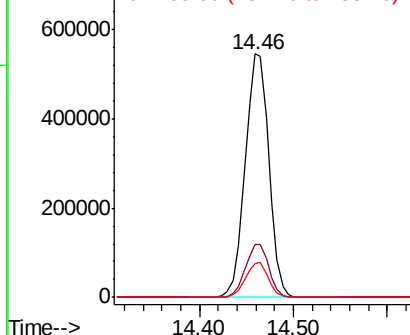
Tot Ion:	152	Resp:	945723
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	14.0	11.1	16.7

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



#50

Dimethylphthalate

Concen: 46.404 ng

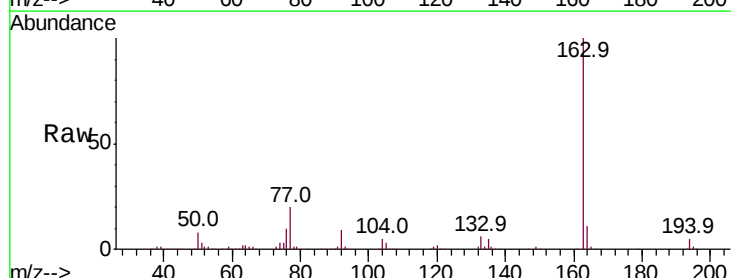
RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

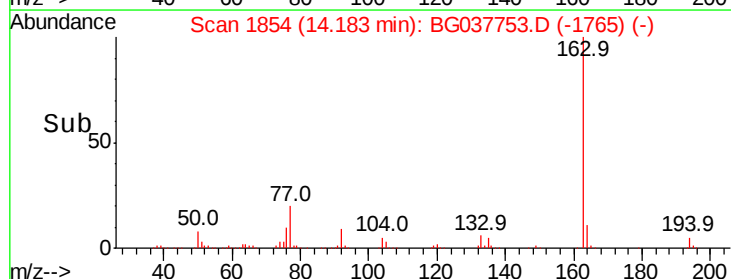
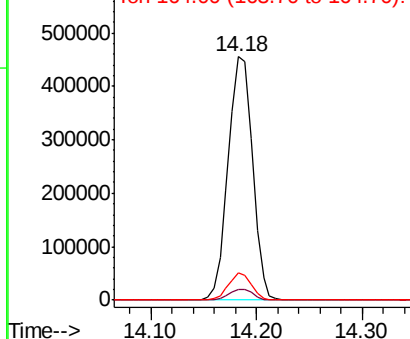
Lab File: BG037753.D

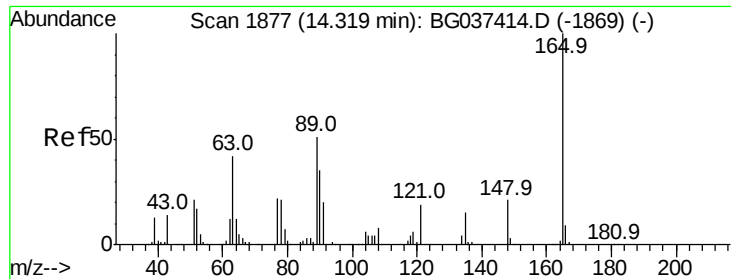
Acq: 2 Nov 2018 13:25

Tgt Ion:	163	Resp:	725188
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.1	8.5	12.7



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





#51

2,6-Dinitrotoluene

Concen: 48.596 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

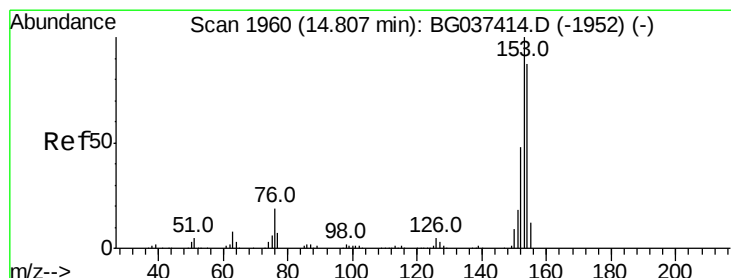
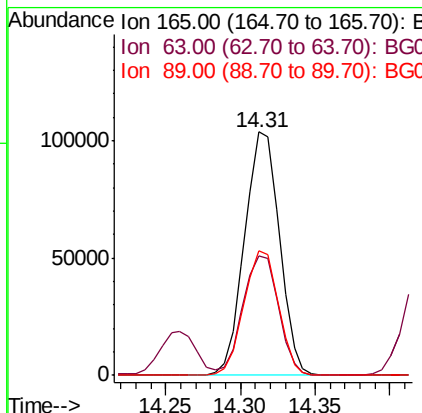
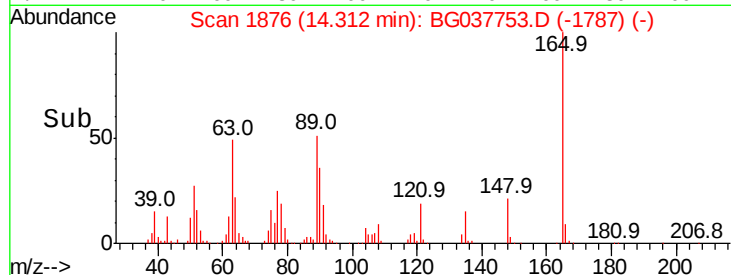
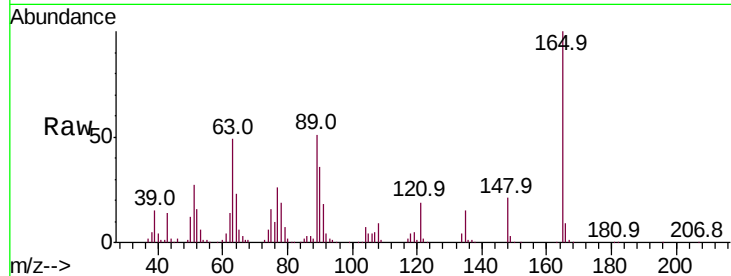
ClientSampleId :

PB114391BS

Tot Ion:	165	Resp:	168007
Ion Ratio	Lower	Upper	
165	100		
63	49.3	43.4	65.2
89	51.2	45.8	68.6

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#52

Acenaphthene

Concen: 47.242 ng

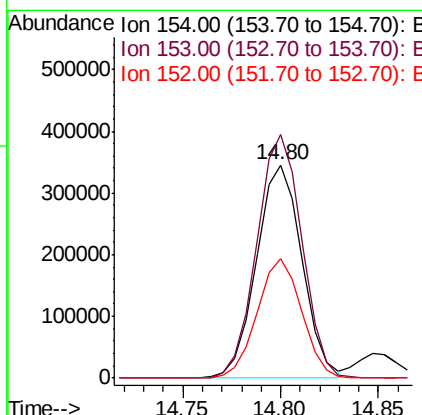
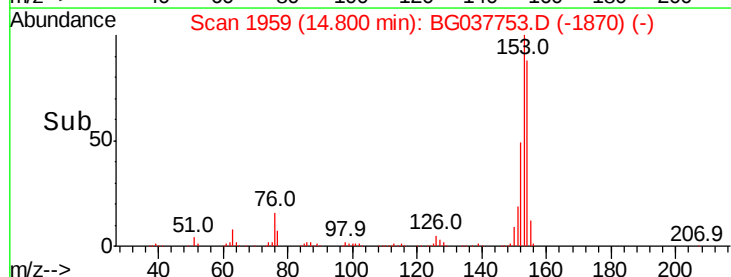
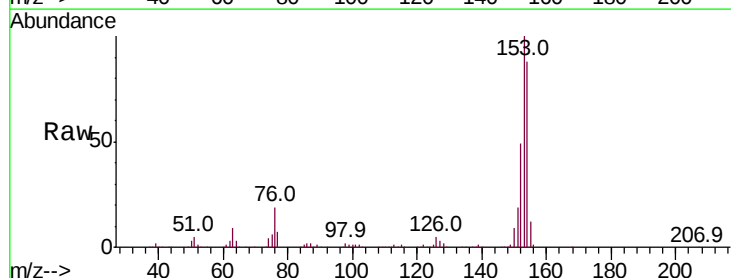
RT: 14.80 min Scan# 1959

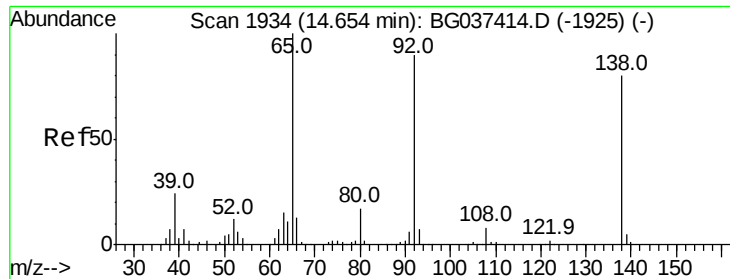
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	154	Resp:	553947
Ion Ratio	Lower	Upper	
154	100		
153	114.1	93.4	140.0
152	56.1	44.7	67.1





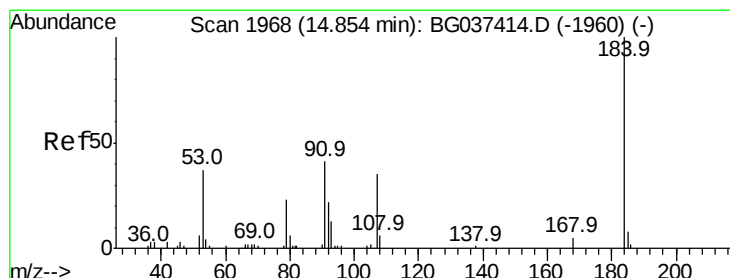
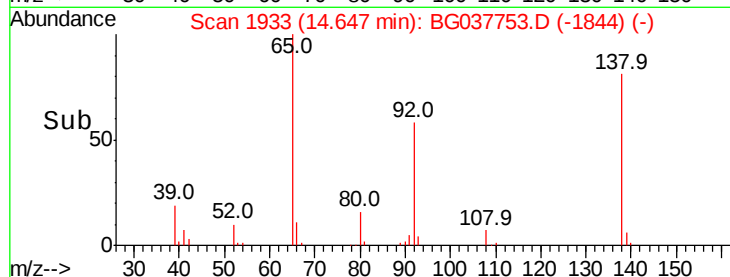
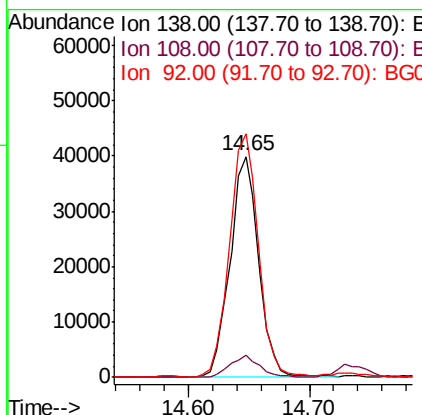
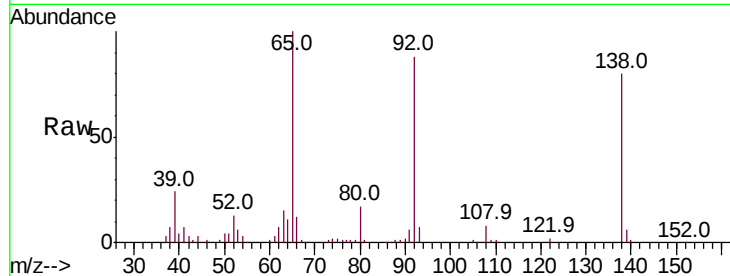
#53
3-Nitroaniline
Concen: 17.111 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion:138 Resp: 65672
Ion Ratio Lower Upper
138 100
108 10.3 11.0 16.6#
92 110.1 95.2 142.8

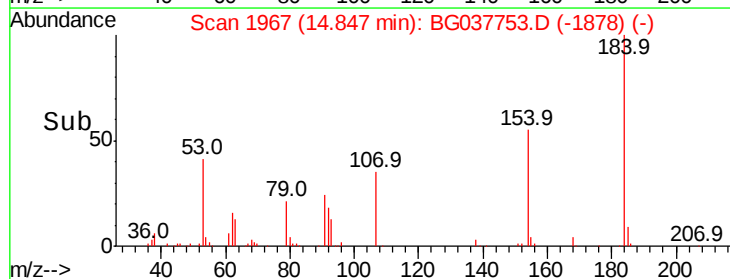
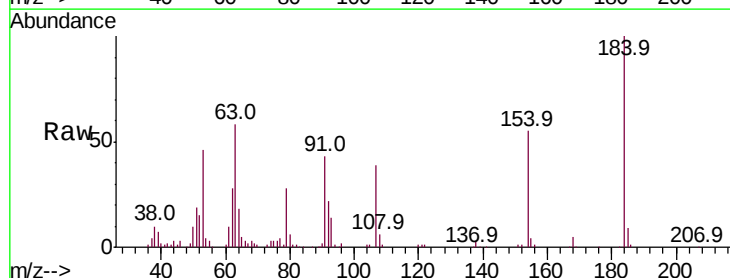
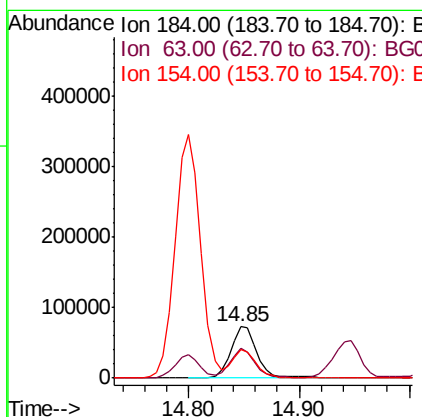
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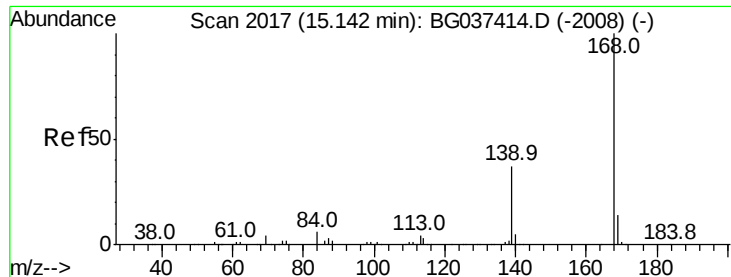
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#54
2,4-Dinitrophenol
Concen: 79.491 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion:184 Resp: 121467
Ion Ratio Lower Upper
184 100
63 58.1 42.6 63.8
154 55.2 41.8 62.6





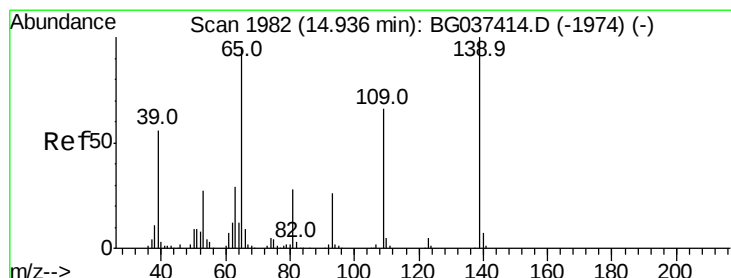
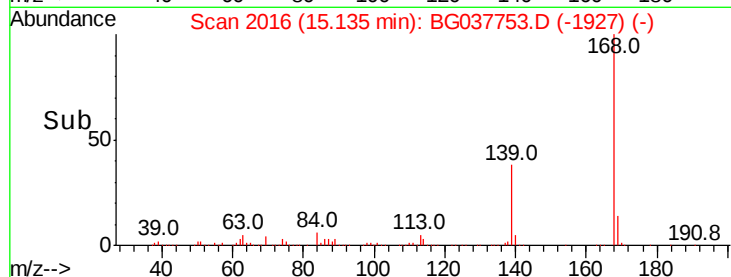
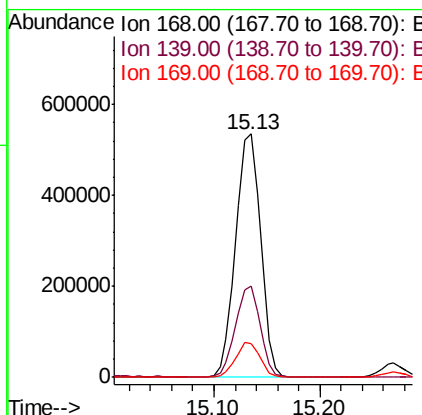
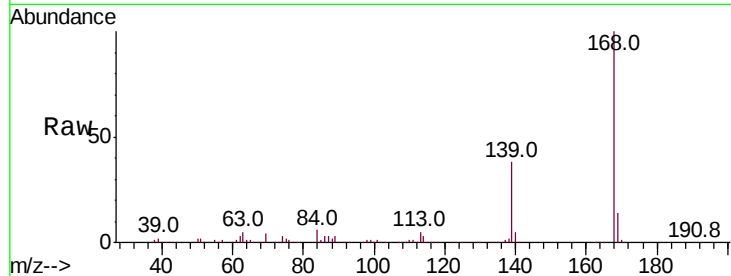
#55
Dibenzofuran
Concen: 45.055 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	13.9	11.0	16.6

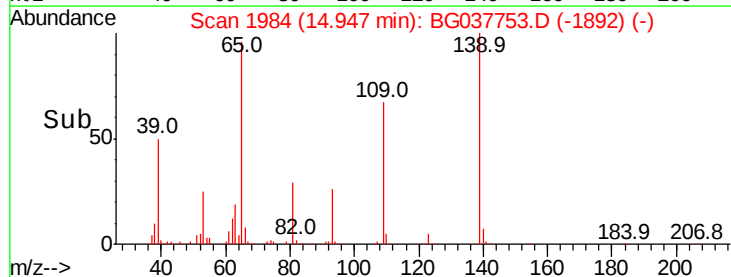
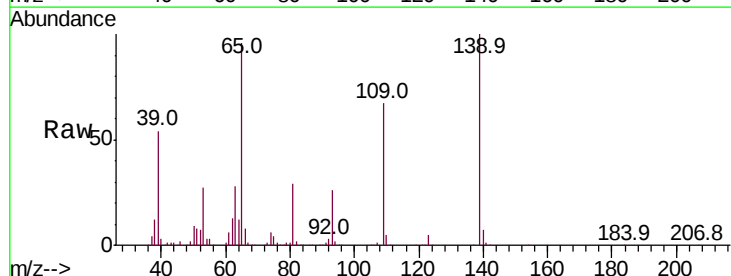
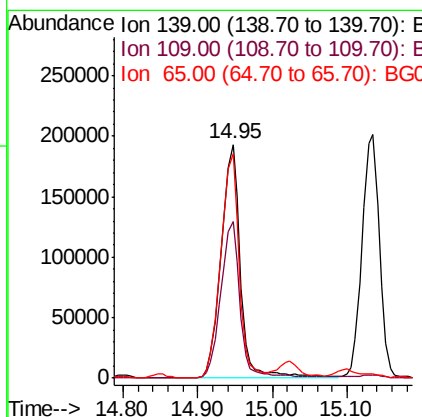
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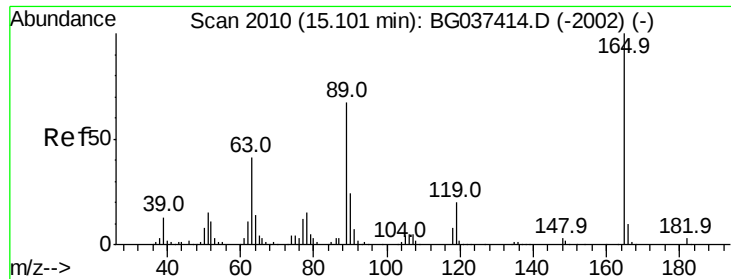
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#56
4-Nitrophenol
Concen: 123.617 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	49.5	89.5
65	96.2	76.8	116.8





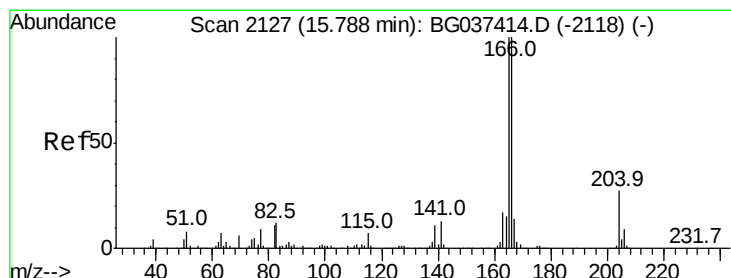
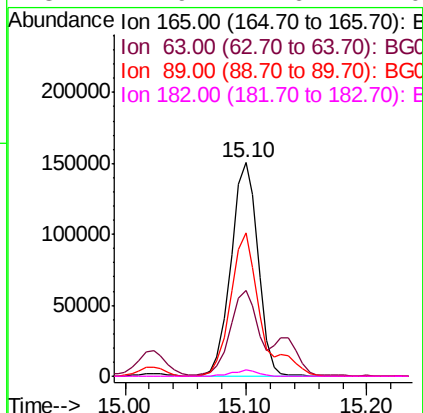
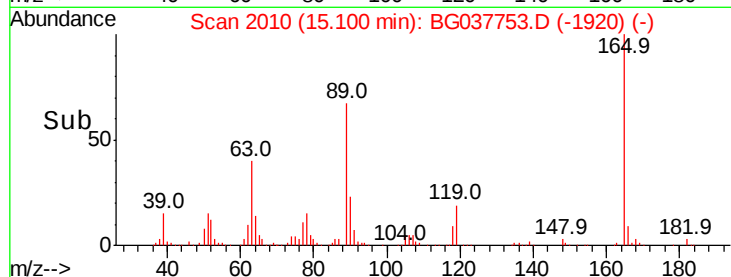
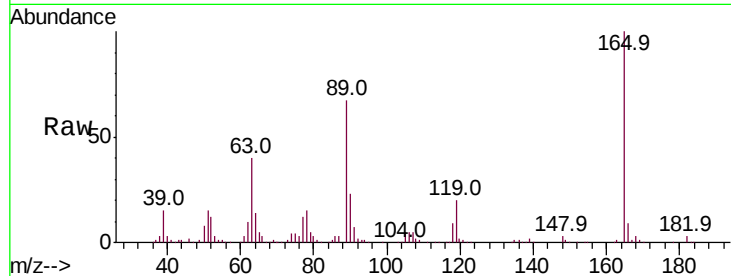
#57
2,4-Dinitrotoluene
Concen: 51.637 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234336		
63	40.4	33.4	50.0	
89	67.1	57.2	85.8	
182	2.9	2.6	4.0	

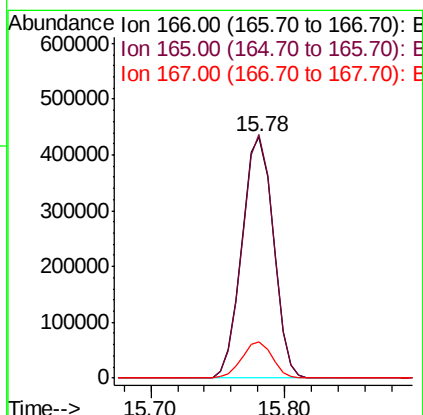
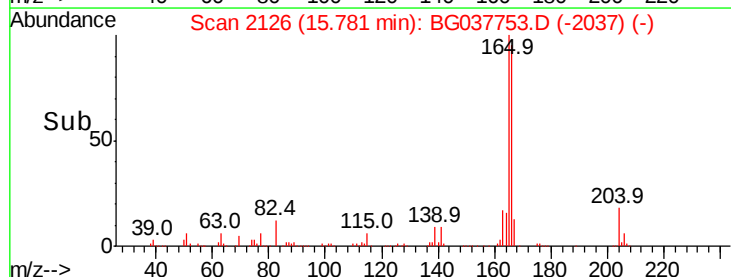
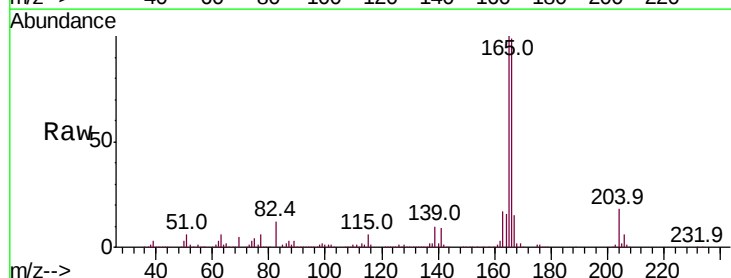
Manual Integrations
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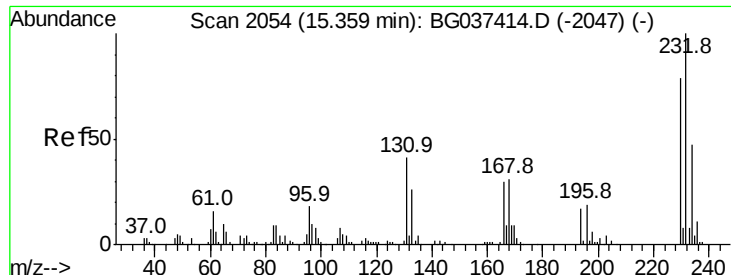
Sohil
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#58
Fluorene
Concen: 48.504 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	705650		
165	100.8	79.0	118.6	
167	15.2	11.3	16.9	





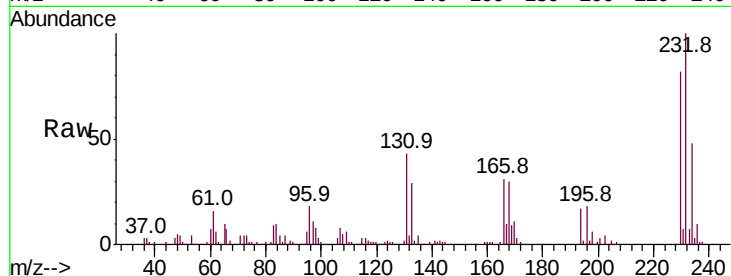
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.658 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197457		
131	42.2		33.7	50.5
130	2.4		2.1	3.1
166	31.2		24.6	36.8

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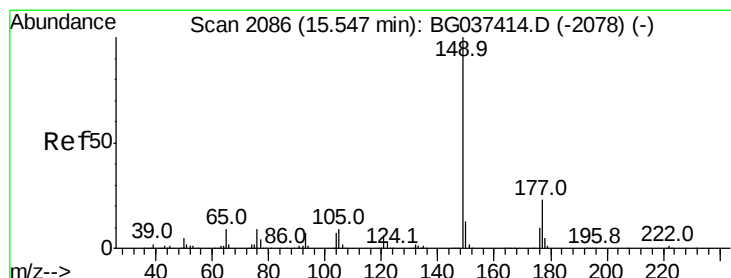
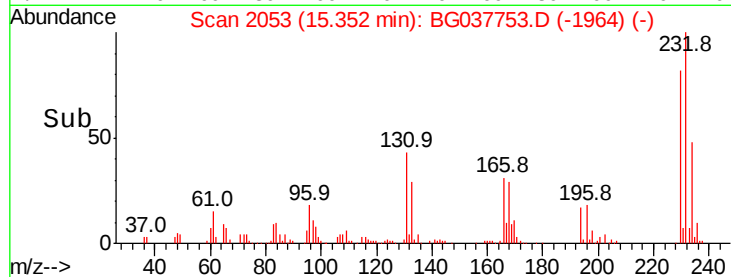
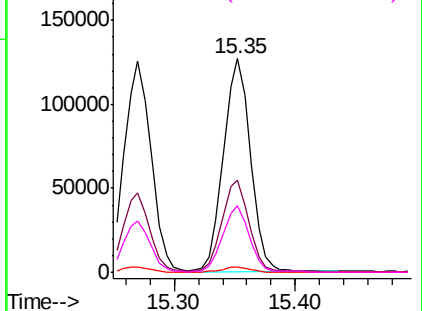
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

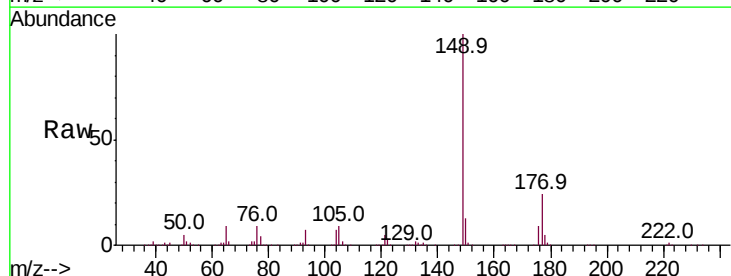
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.043 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	738740		
177	23.7		18.3	27.5
150	12.8		10.0	15.0

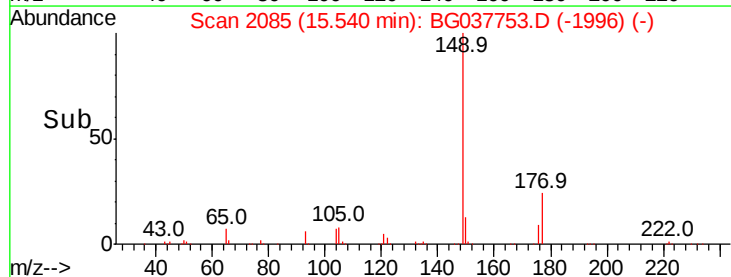
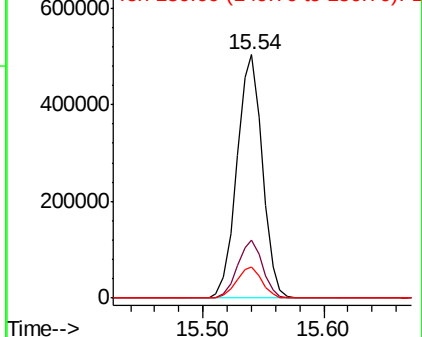


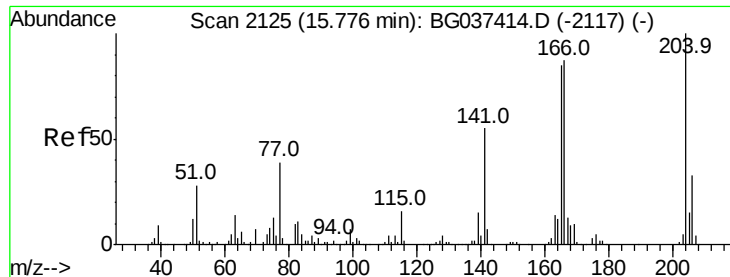
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





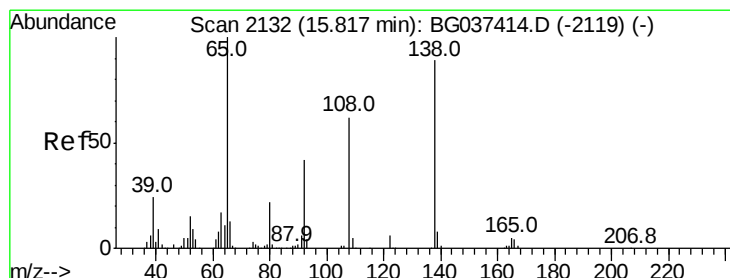
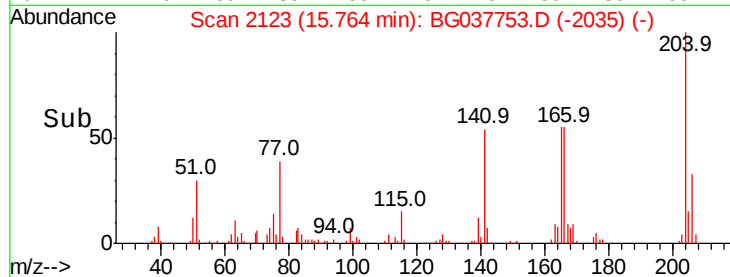
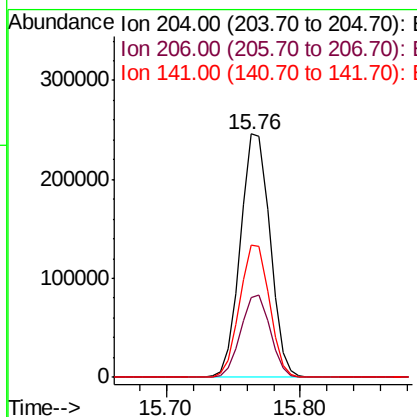
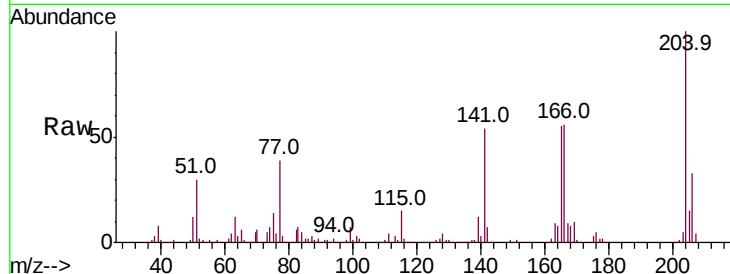
#61
 4-Chlorophenyl-phenylether
 Concen: 44.505 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion:	204	Resp:	377389
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.6	39.8
141	54.4	45.4	68.2

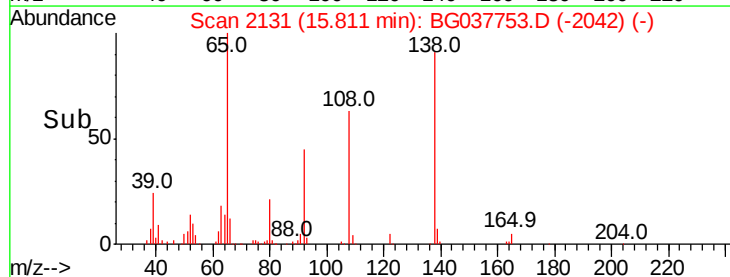
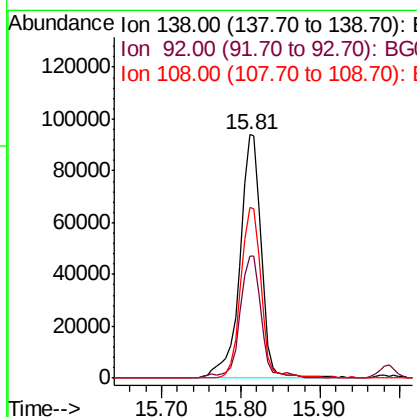
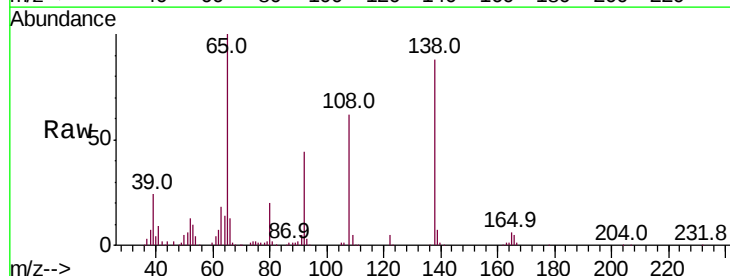
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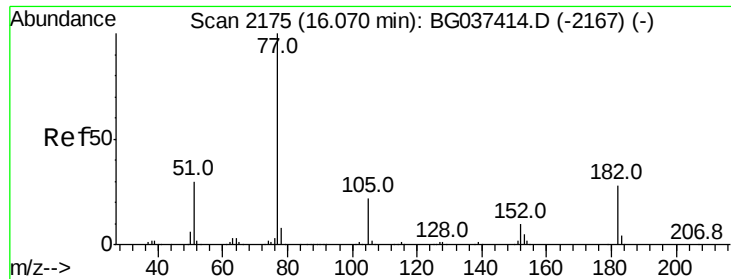
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#62
 4-Nitroaniline
 Concen: 45.826 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion:	138	Resp:	174766
Ion Ratio	Lower	Upper	
138	100		
92	50.2	36.4	76.4
108	70.1	60.1	100.1





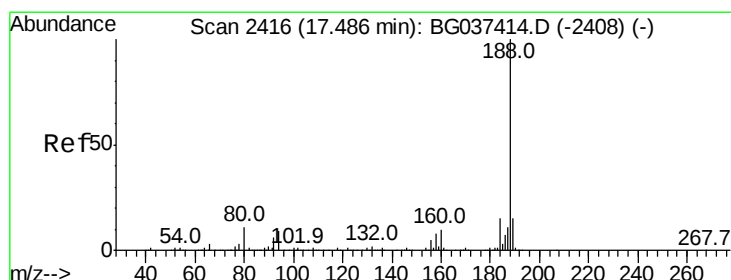
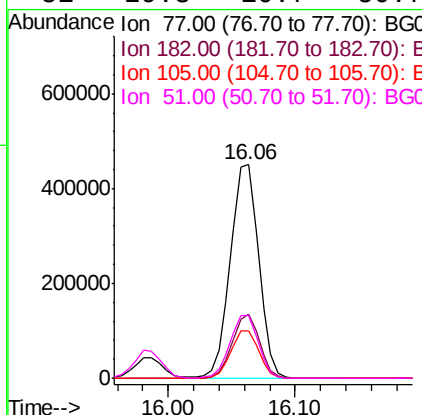
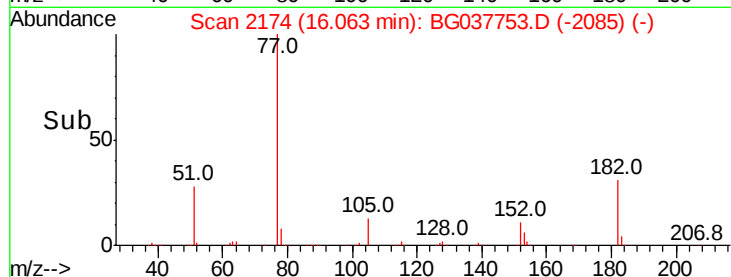
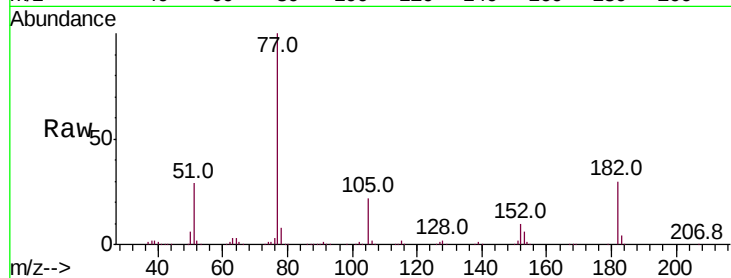
#63
Azobenzene
Concen: 45.392 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.0	48.0
105	22.5	1.3	41.3
51	29.3	10.7	50.7

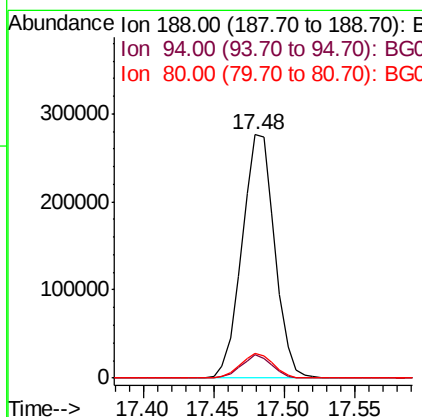
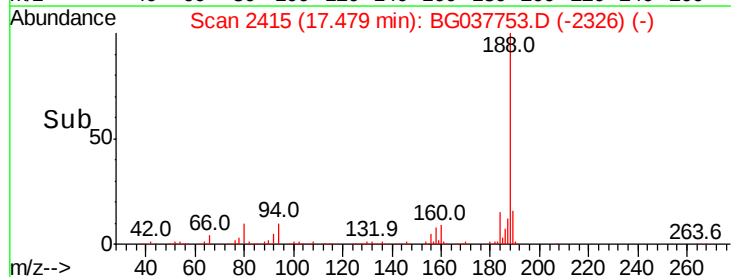
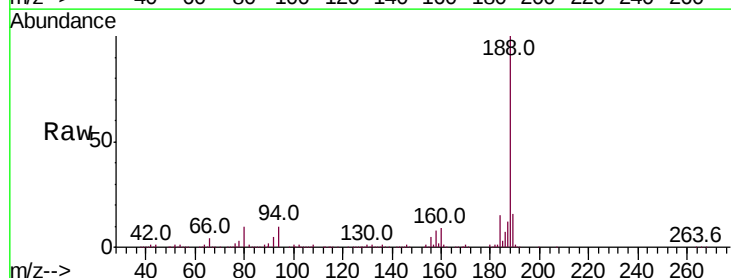
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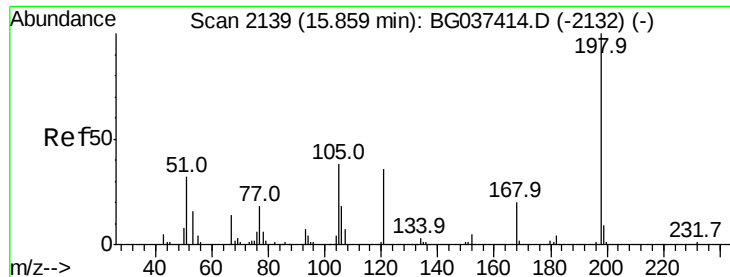
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 48.152 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

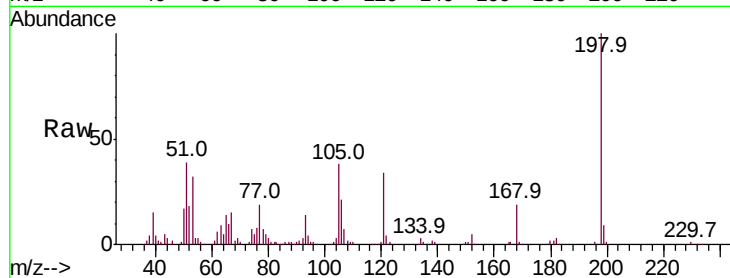
ClientSampleId :

PB114391BS

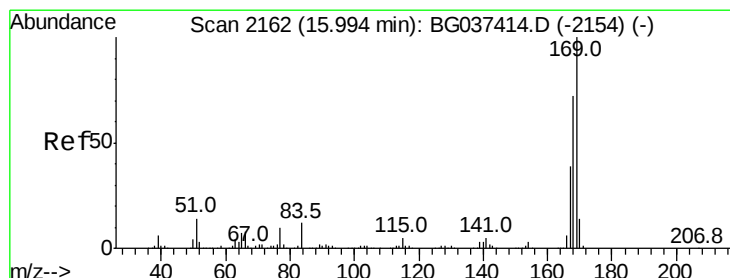
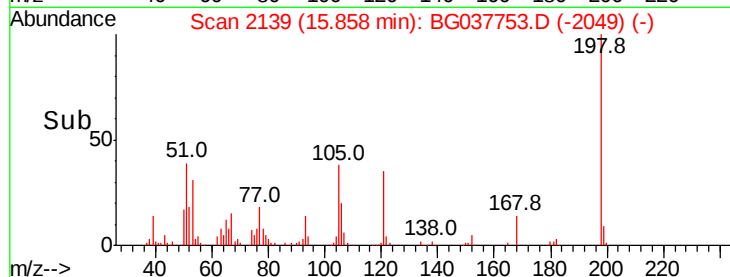
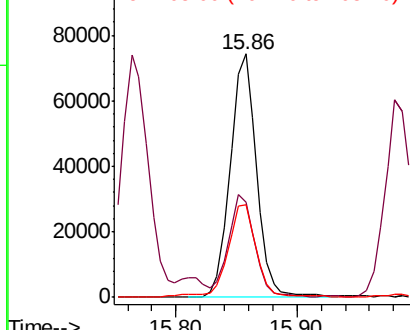
Tot Ion:	198	Resp:	113104
Ion Ratio	Lower	Upper	
198	100		
51	38.8	22.7	62.7
105	38.1	19.7	59.7

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.078 ng

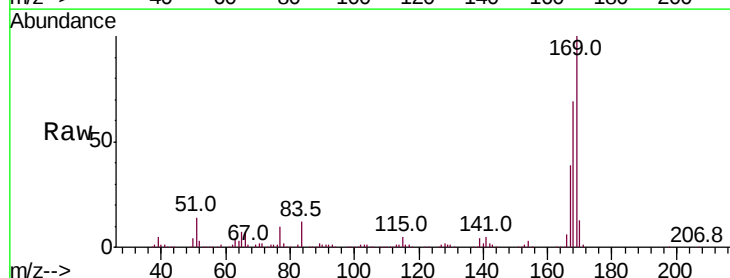
RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

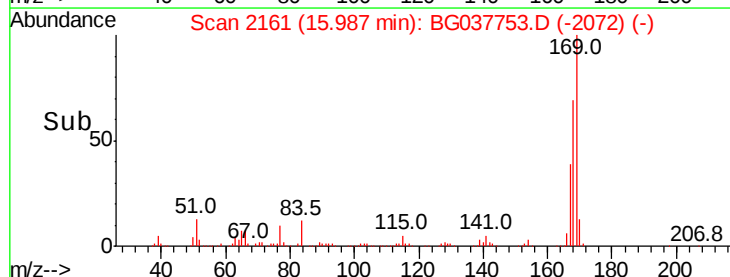
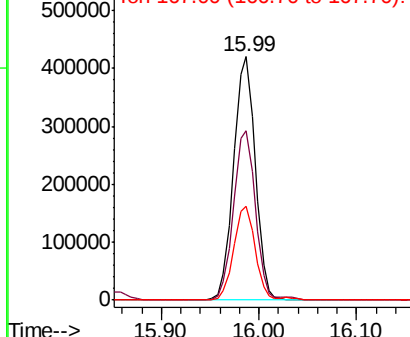
Lab File: BG037753.D

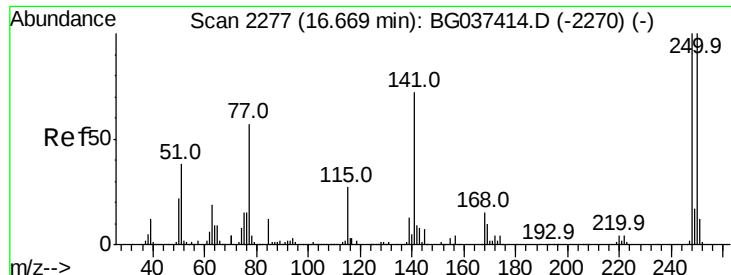
Acq: 2 Nov 2018 13:25

Tgt Ion:	169	Resp:	646900
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	38.5	31.3	46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.894 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

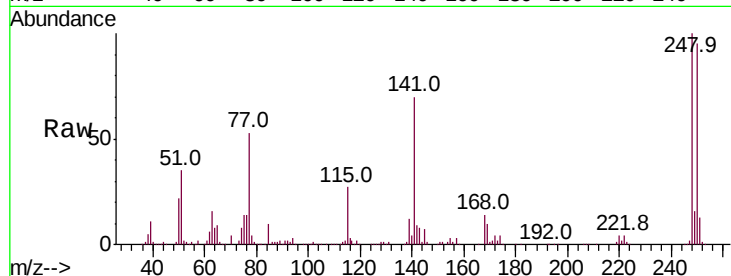
ClientSampleId :

PB114391BS

Tot Ion:	248	Resp:	235267
Ion Ratio	Lower	Upper	
248	100		
250	95.2	77.0	115.6
141	69.6	55.5	83.3

Manual Integrations
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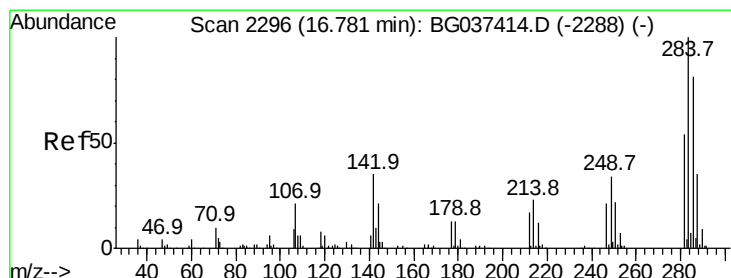
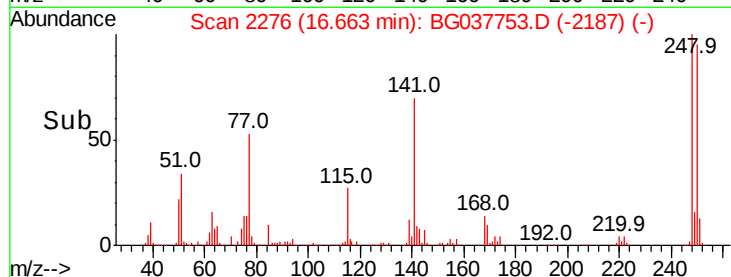
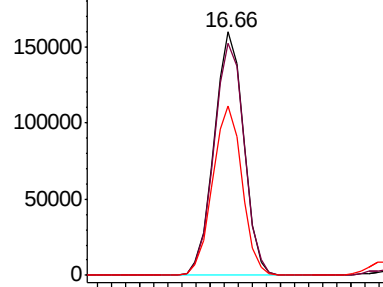


Abundance

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: 46.822 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

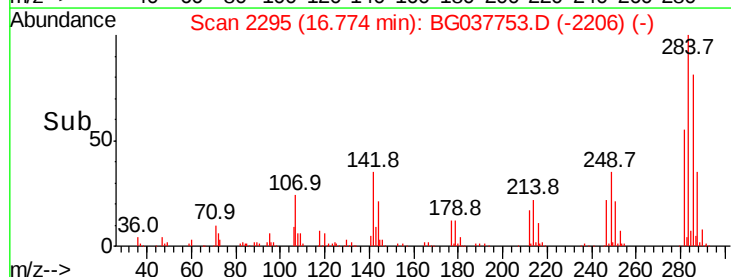
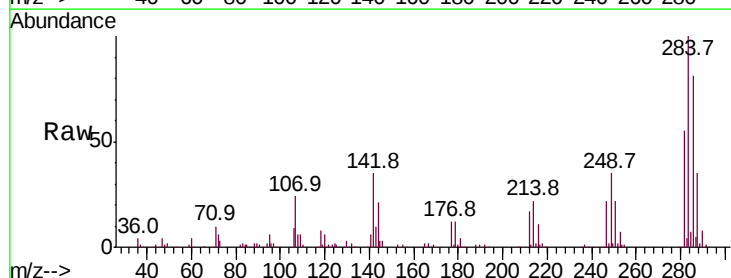
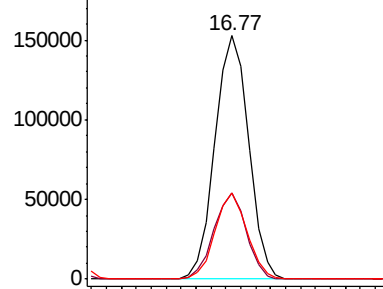
Tgt Ion:	284	Resp:	238376
Ion Ratio	Lower	Upper	
284	100		
142	35.3	28.1	42.1
249	37.9	29.8	44.8

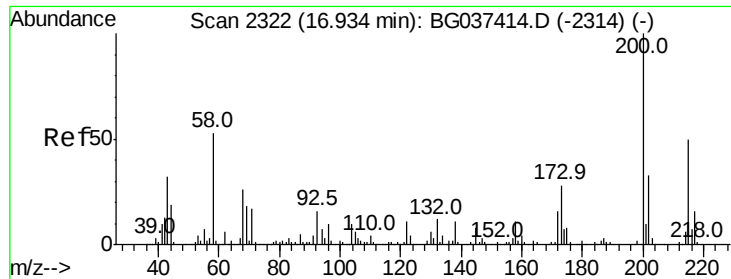
Abundance

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





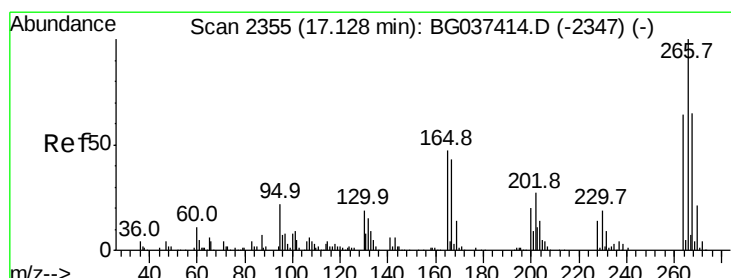
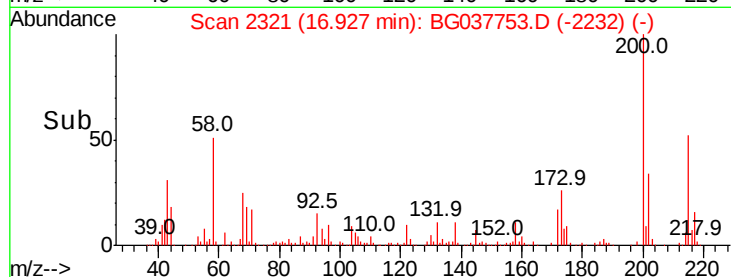
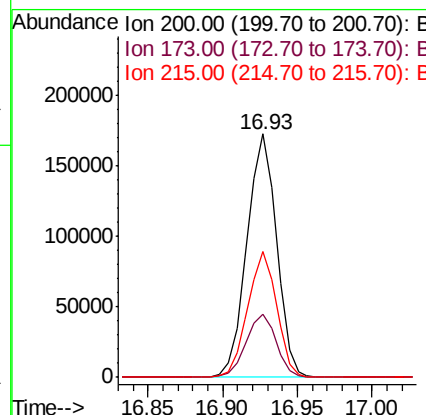
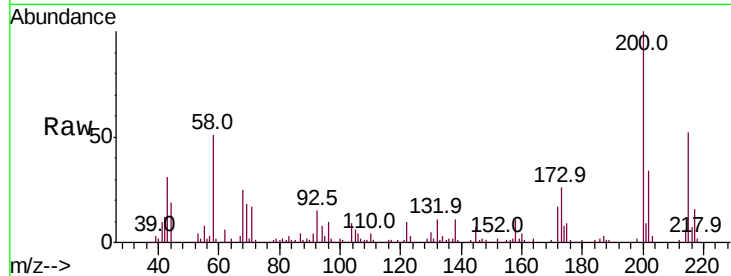
#69
Atrazine
Concen: 48.702 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	6.1	46.1
215	51.9	30.8	70.8

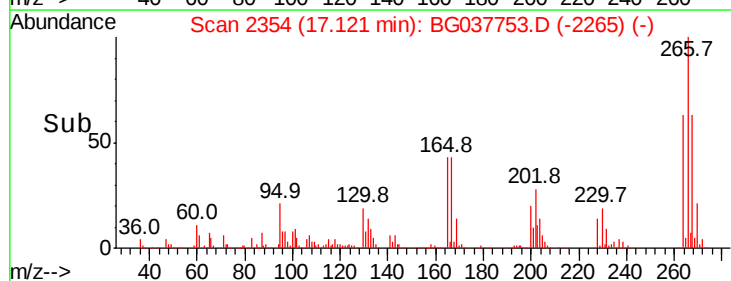
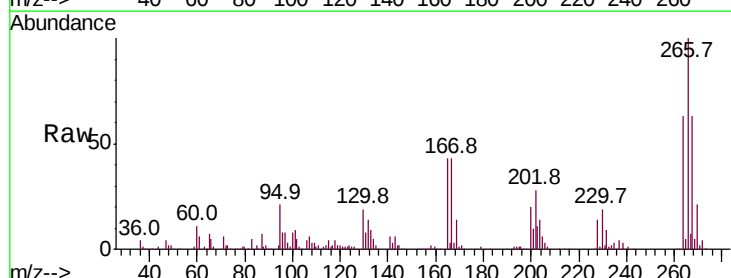
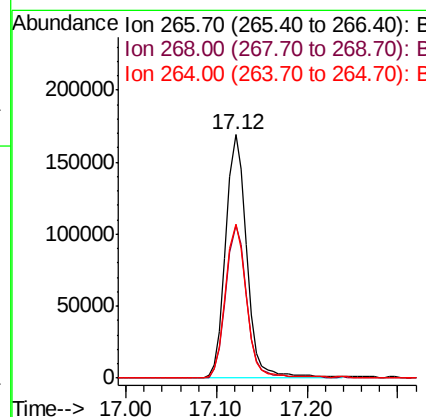
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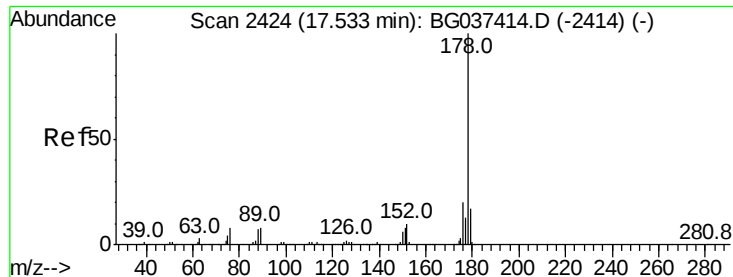
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#70
Pentachlorophenol
Concen: 80.231 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	55.0	82.6
264	68.3	58.9	88.3





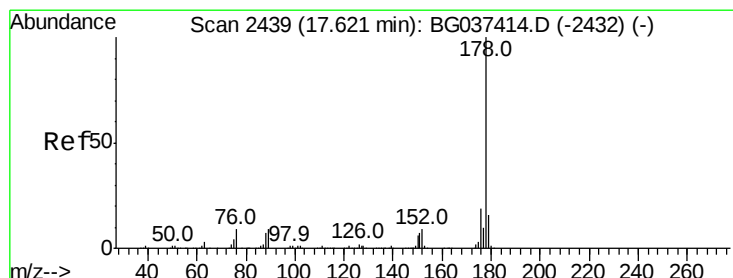
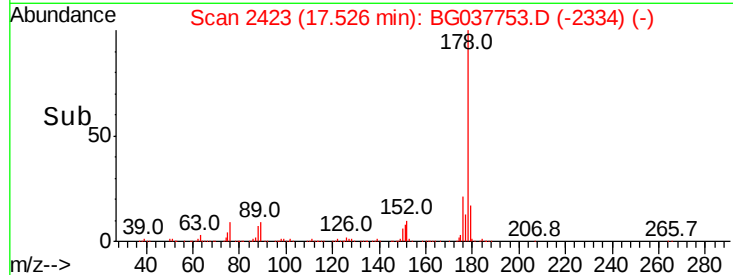
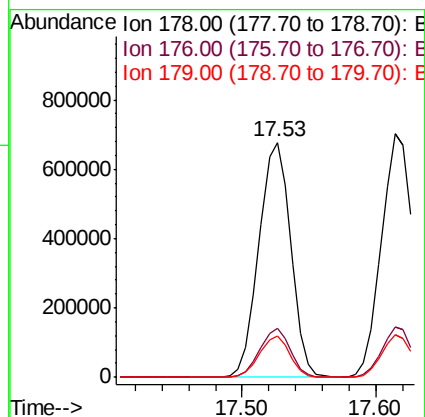
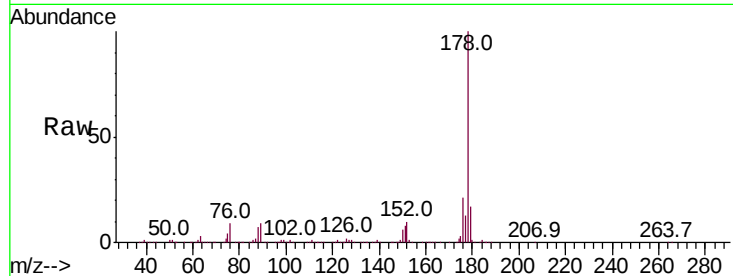
#71
Phenanthrene
Concen: 49.143 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion:178 Resp: 1117206
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.5 13.0 19.4

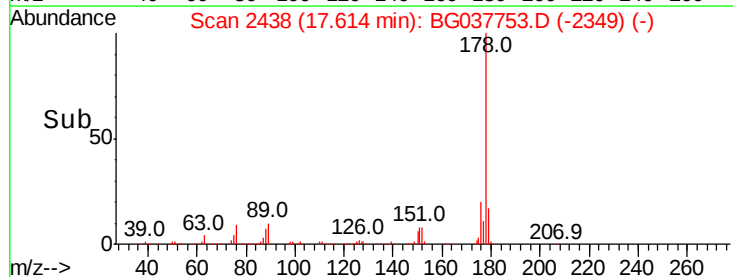
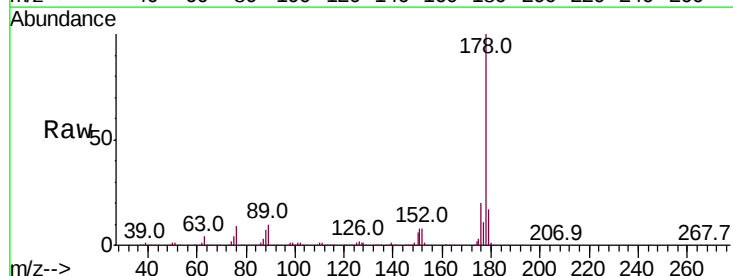
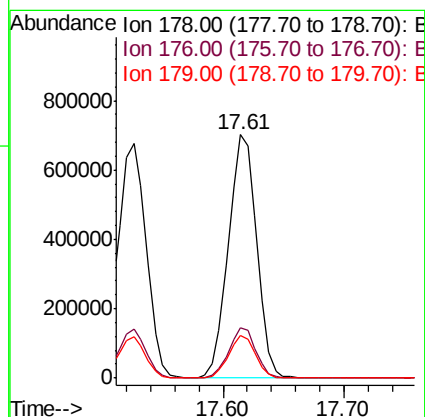
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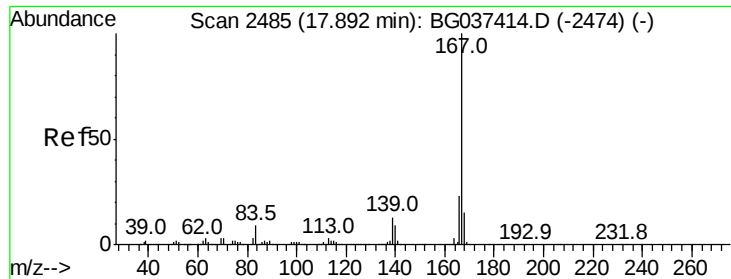
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#72
Anthracene
Concen: 51.027 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion:178 Resp: 1138405
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.4
179 17.4 12.8 19.2





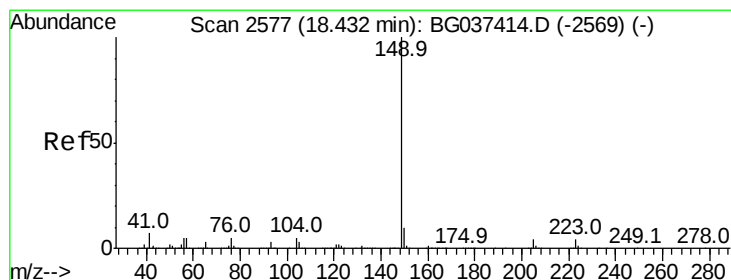
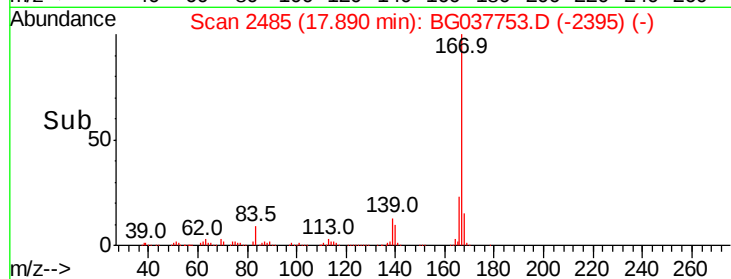
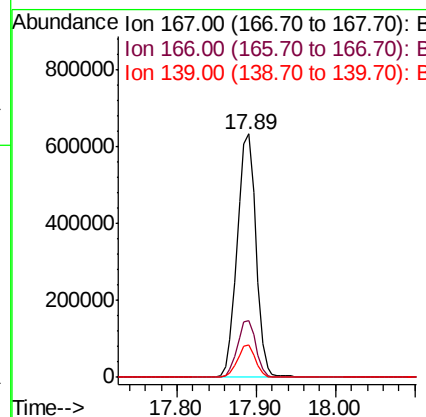
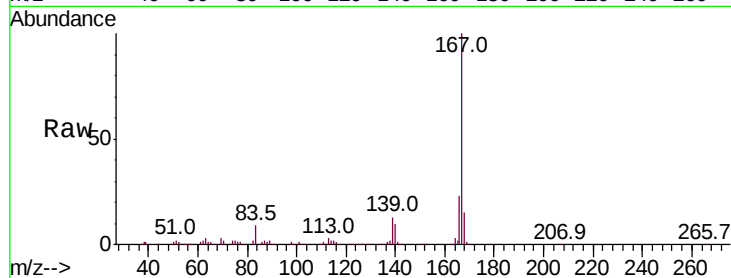
#73
 Carbazole
 Concen: 46.620 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.3	27.5
139	13.1	10.5	15.7

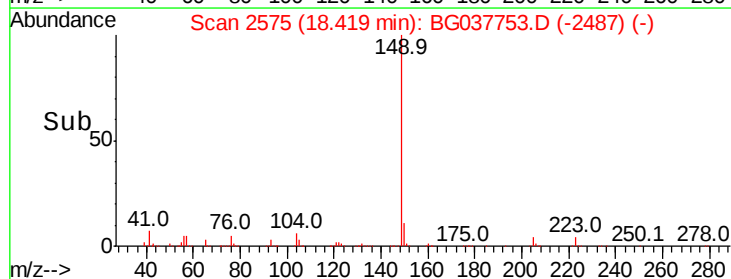
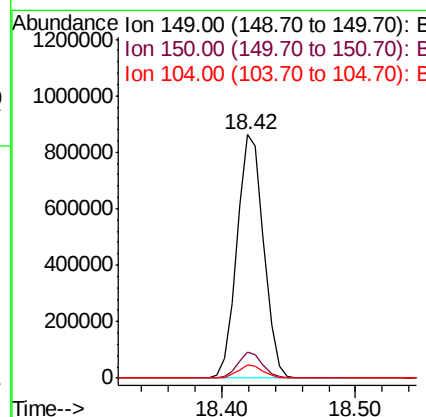
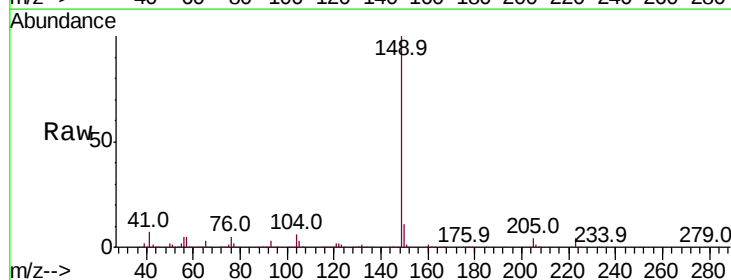
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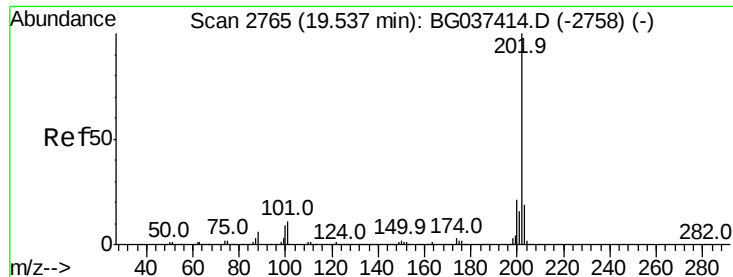
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 11/2/2018 2:47:41 PM



#74
 Di-n-butylphthalate
 Concen: 48.110 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 49.812 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

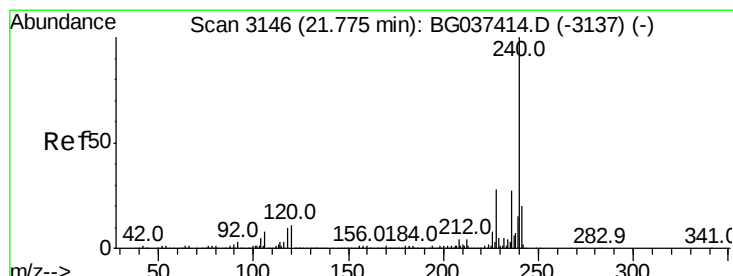
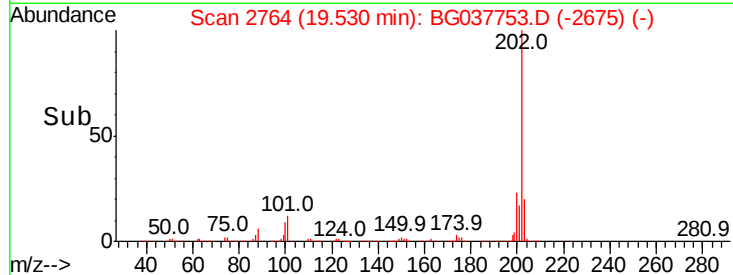
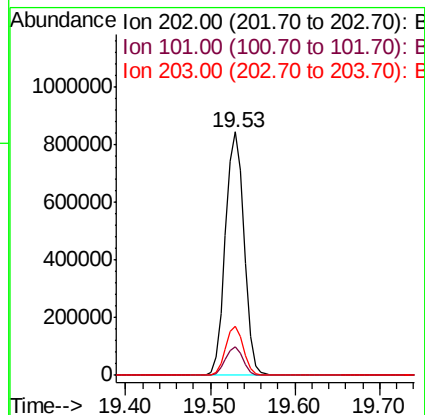
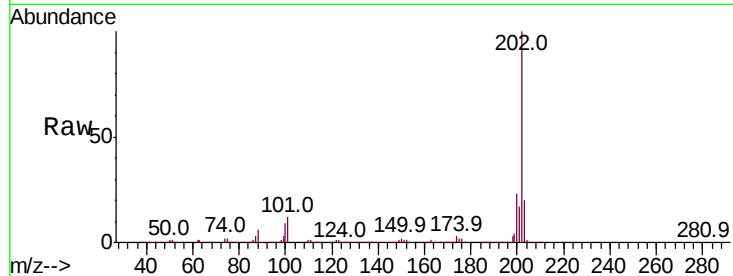
ClientSampleId :

PB114391BS

Tot Ion:	202	Resp:	1284378
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
203	20.0	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

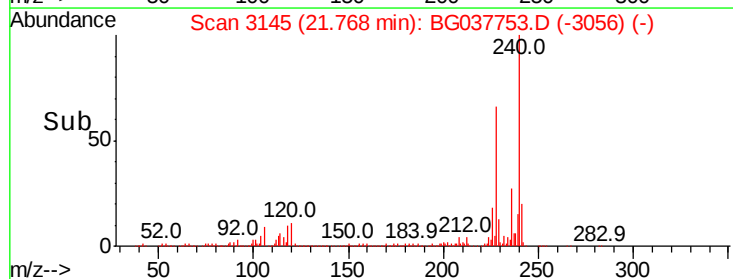
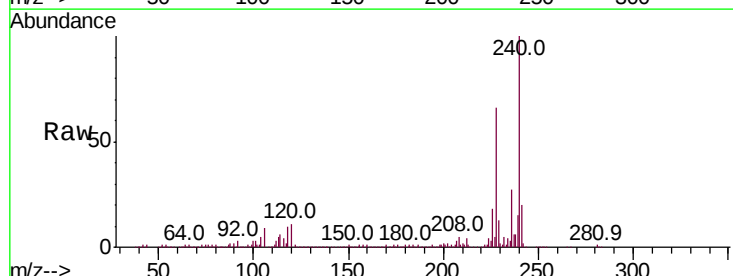
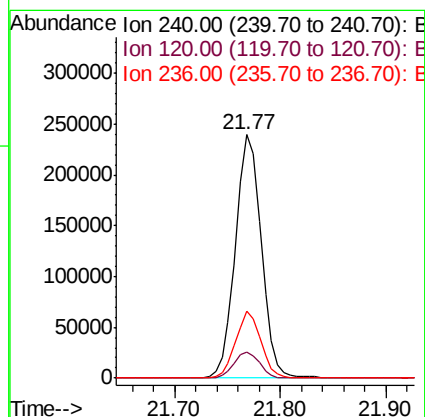
RT: 21.77 min Scan# 3145

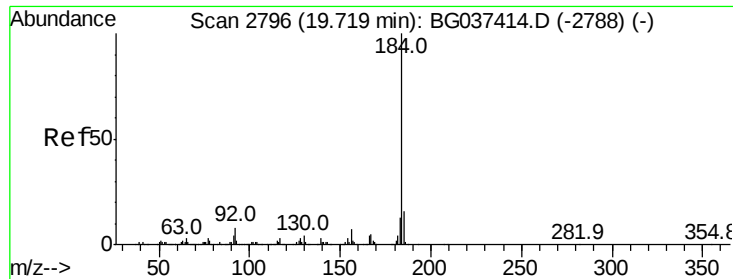
Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	240	Resp:	406245
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	27.3	21.4	32.0





#77

Benzidine

Concen: 22.699 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

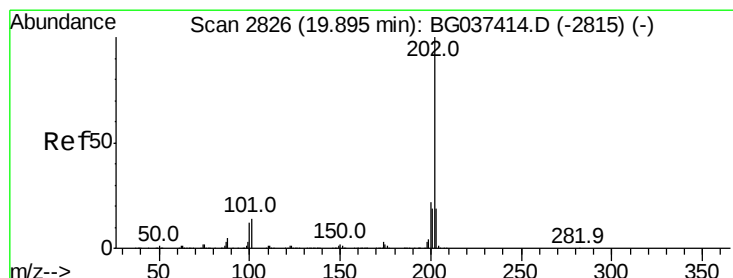
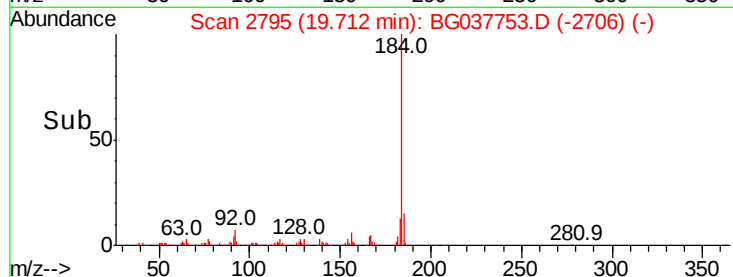
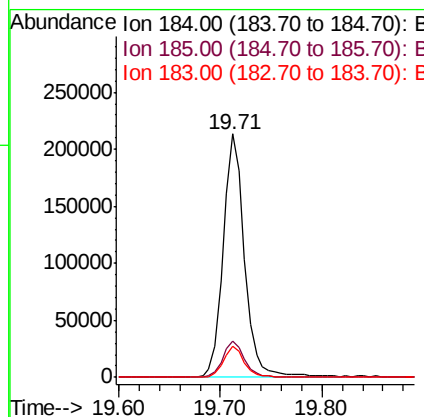
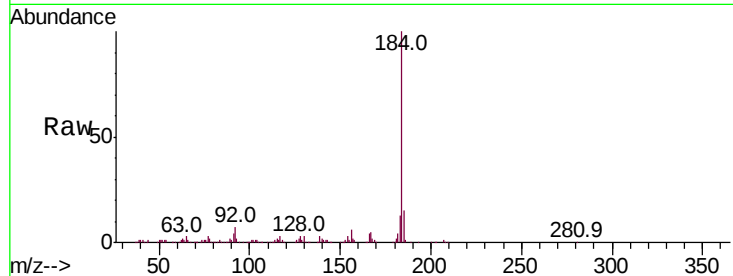
ClientSampleId :

PB114391BS

Tot Ion:	184	Resp:	313545
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.8	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 48.205 ng

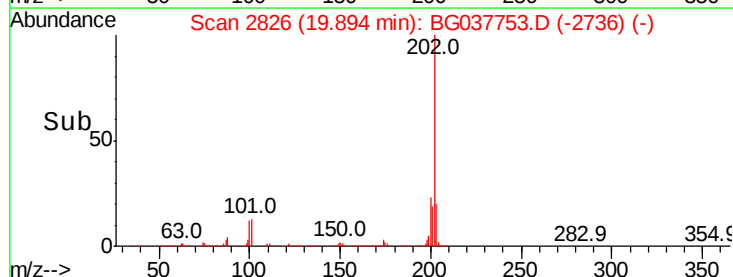
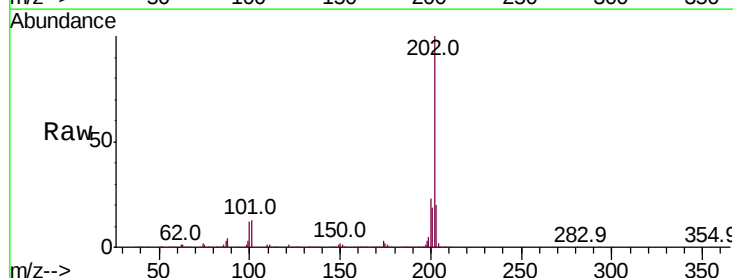
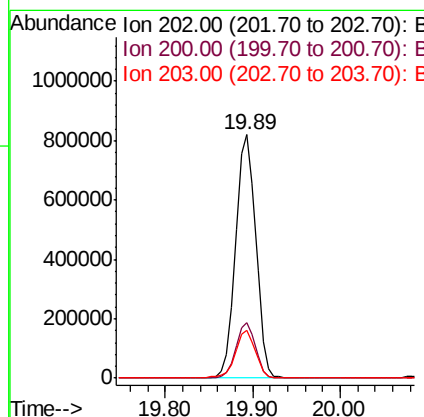
RT: 19.89 min Scan# 2826

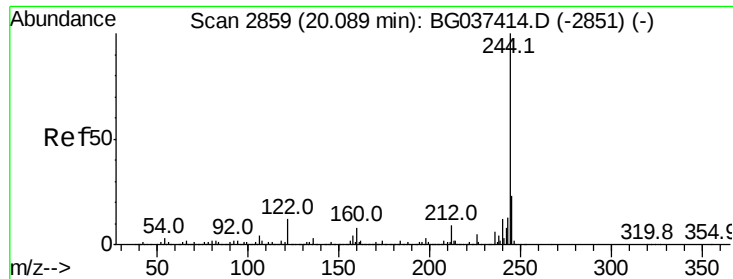
Delta R.T. -0.00 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	202	Resp:	1280168
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.6
203	19.6	15.2	22.8





#79

Terphenyl-d14

Concen: 81.807 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

ClientSampled :

PB114391BS

Tot Ion:244 Resp: 1555326

Ion Ratio Lower Upper

244 100

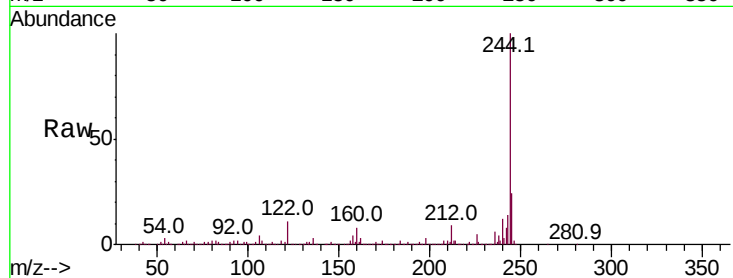
212 8.5 6.5 9.7

122 11.3 9.0 13.4

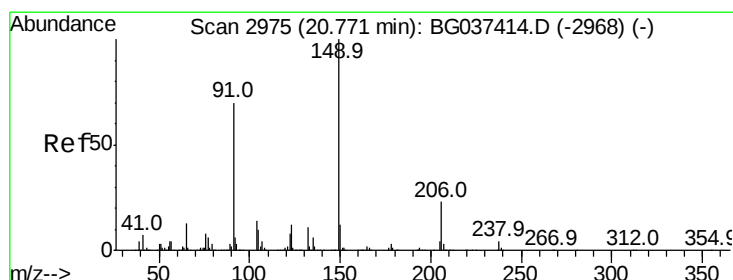
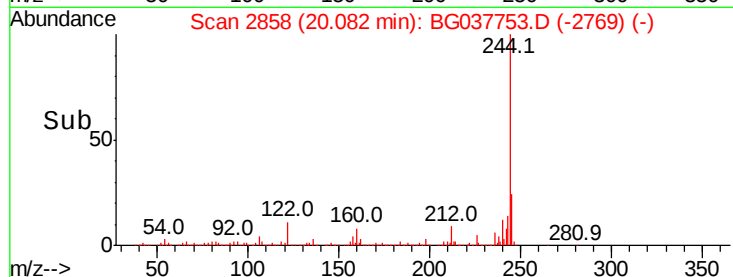
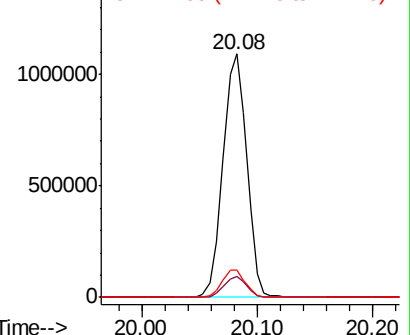
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.358 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

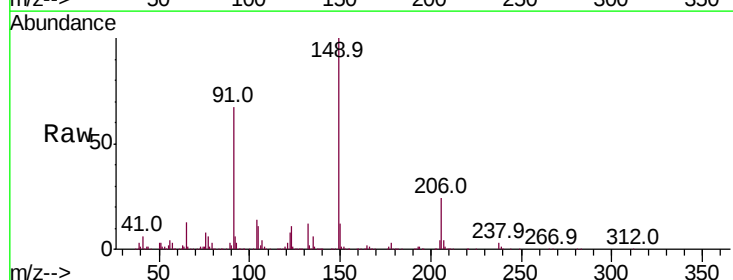
Tgt Ion:149 Resp: 558193

Ion Ratio Lower Upper

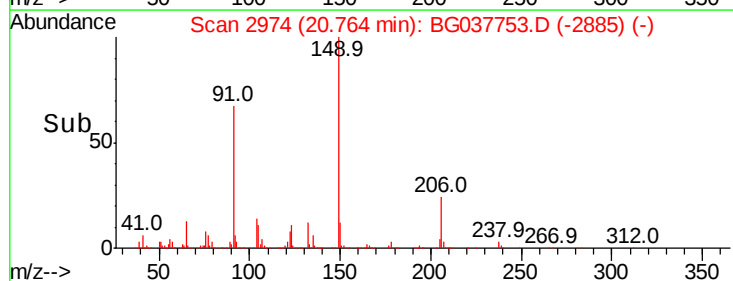
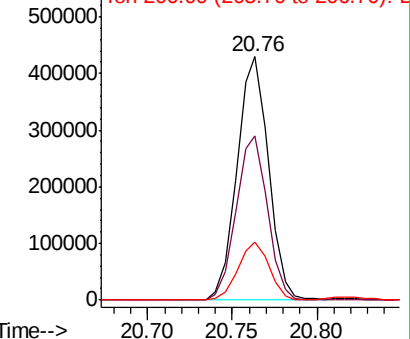
149 100

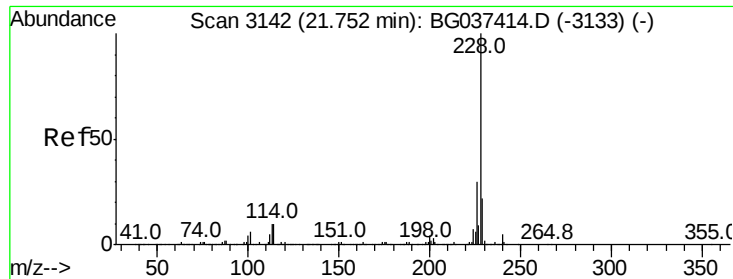
91 67.4 57.0 85.4

206 23.7 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





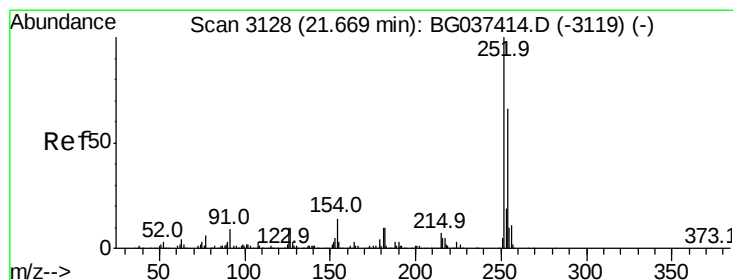
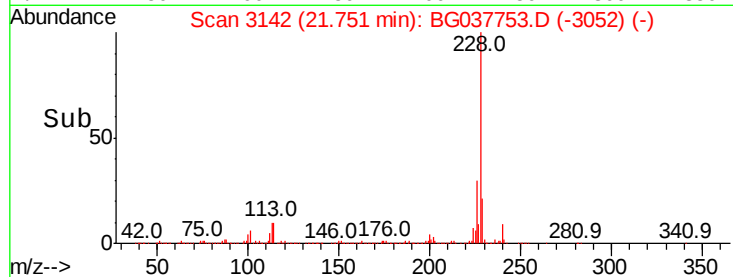
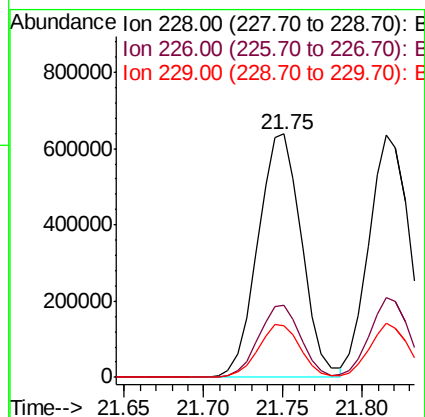
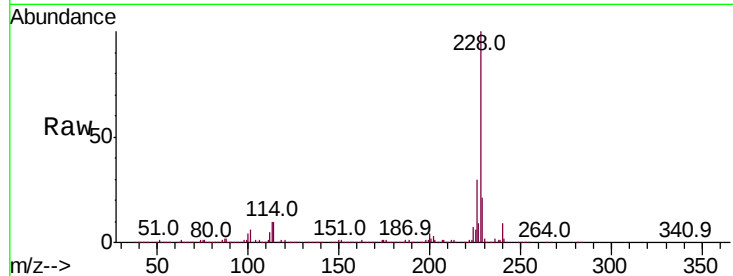
#81
Benzo(a)anthracene
Concen: 50.858 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.3	16.3	24.5

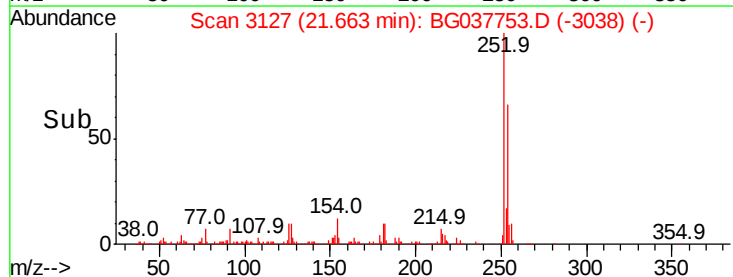
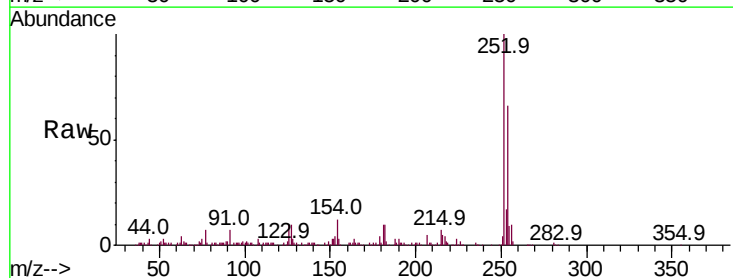
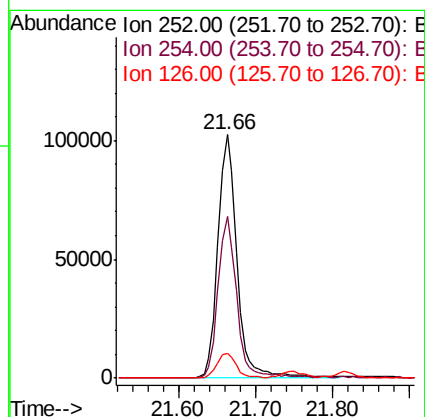
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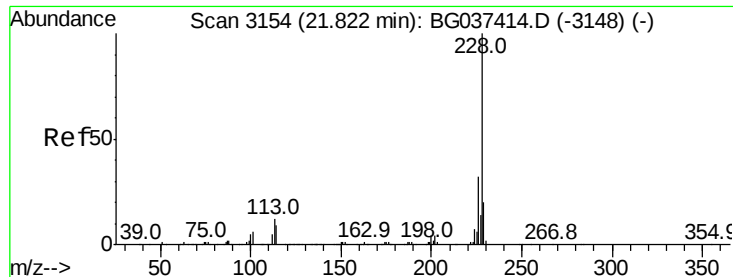
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#82
3,3'-Dichlorobenzidine
Concen: 18.958 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.0	78.0
126	10.4	8.2	12.4





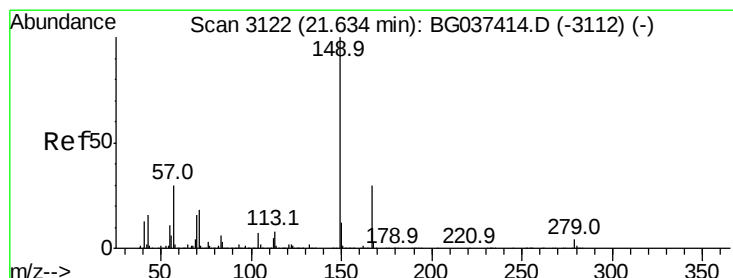
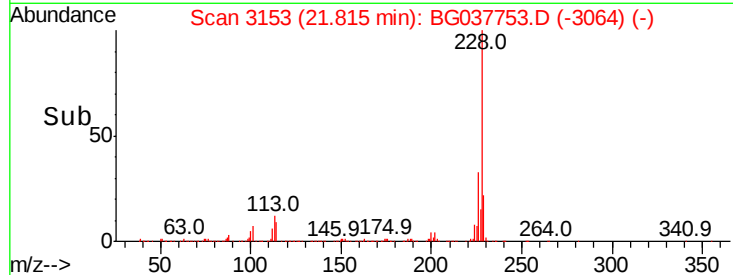
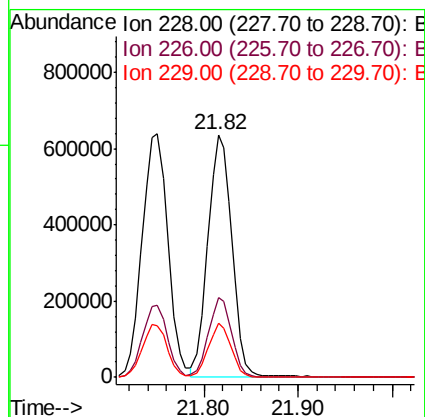
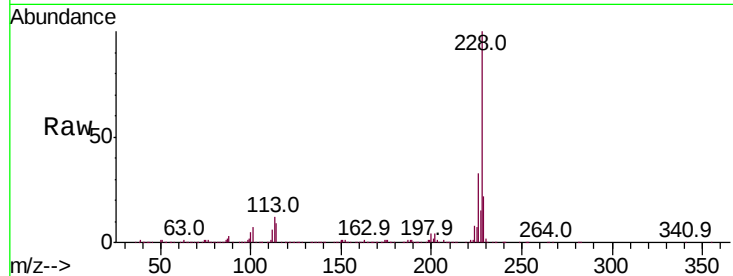
#83
 Chrysene
 Concen: 49.228 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB114391BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	22.2	16.5	24.7

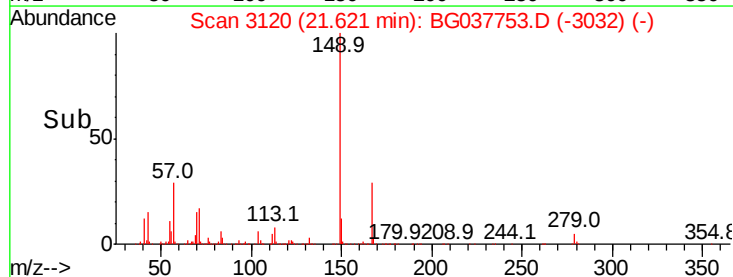
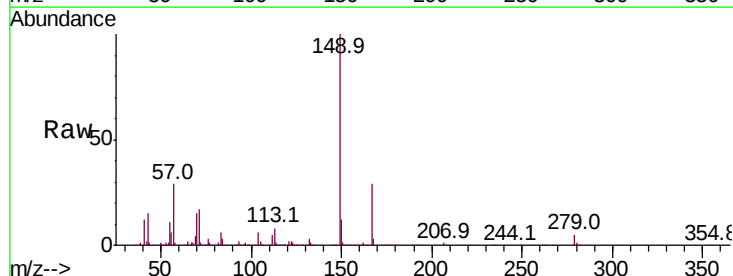
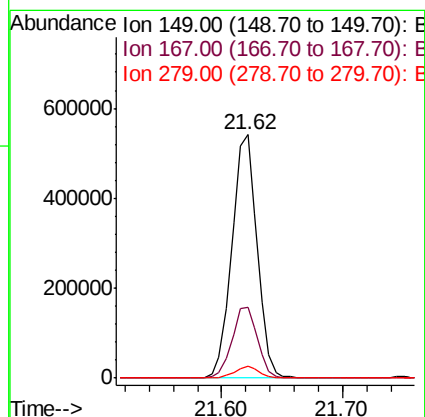
Manual Integrations
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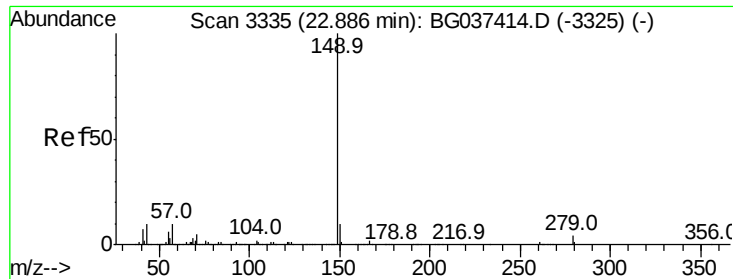
Sohil
 11/2/2018 2:47:41 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.679 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037753.D
 Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 52.839 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB114391BS

Tot Ion:149 Resp: 1312659

Ion Ratio Lower Upper

149 100

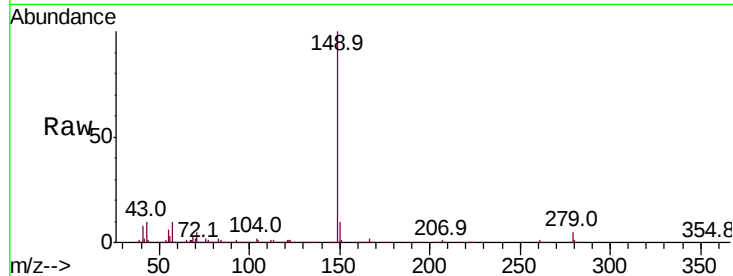
167 1.8 1.3 1.9

43 9.9 8.7 13.1

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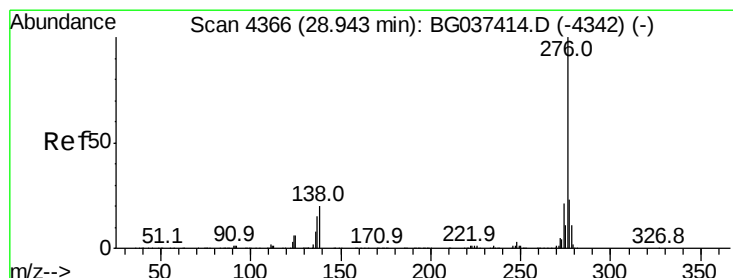
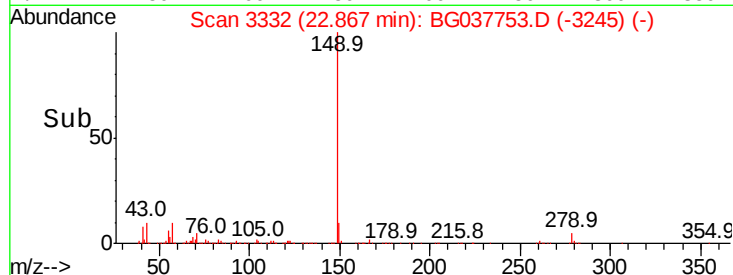
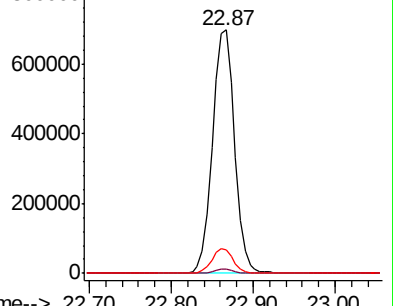
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.127 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

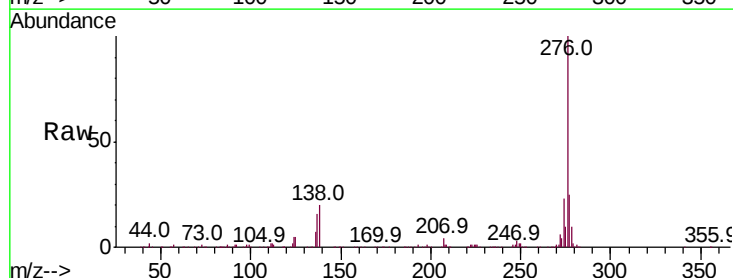
Tgt Ion:276 Resp: 1118341

Ion Ratio Lower Upper

276 100

138 13.9 12.0 18.0

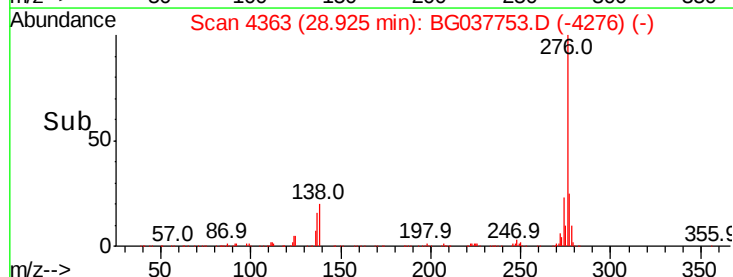
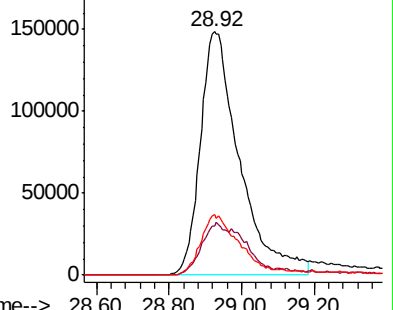
277 24.2 20.6 30.8

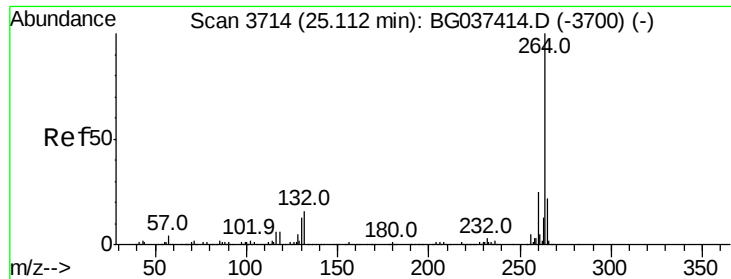


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

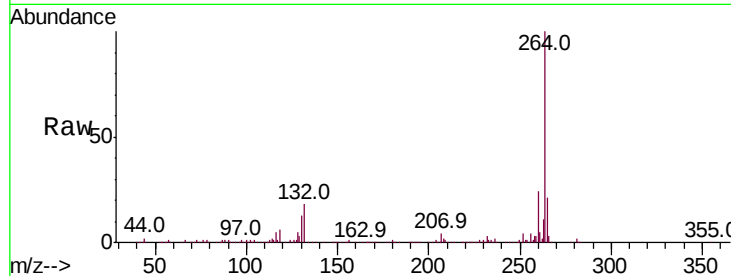
ClientSampleId :

PB114391BS

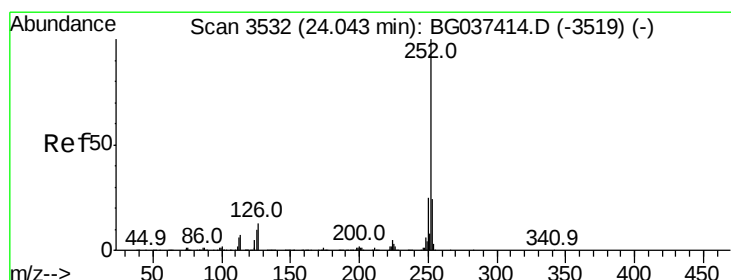
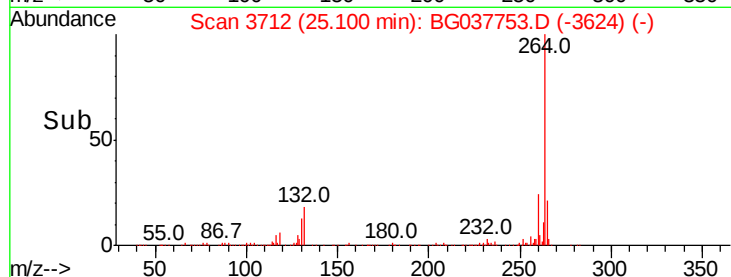
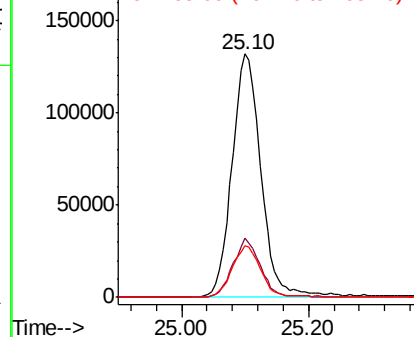
Tot Ion:	264	Resp:	416900
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.2	27.4
265	21.5	17.9	26.9

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.073 ng

RT: 24.04 min Scan# 3531

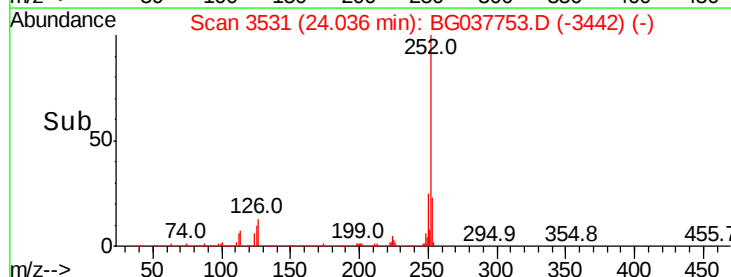
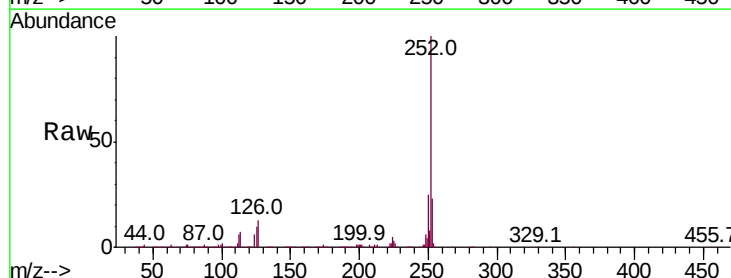
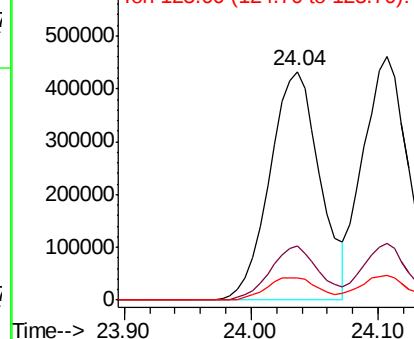
Delta R.T. -0.01 min

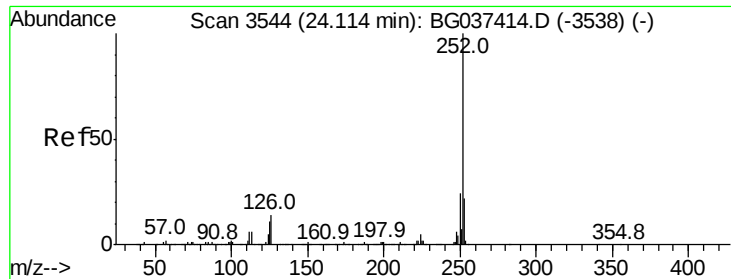
Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Tgt Ion:	252	Resp:	1190176
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	10.0	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: 52.335 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB114391BS

Tot Ion:252 Resp: 1171914

Ion Ratio Lower Upper

252 100

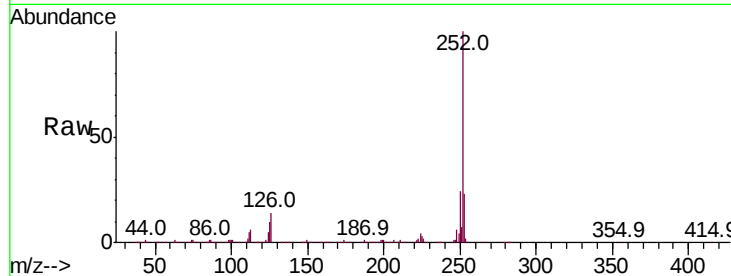
253 23.3 17.4 26.2

125 10.1 7.4 11.0

Manual Integrations
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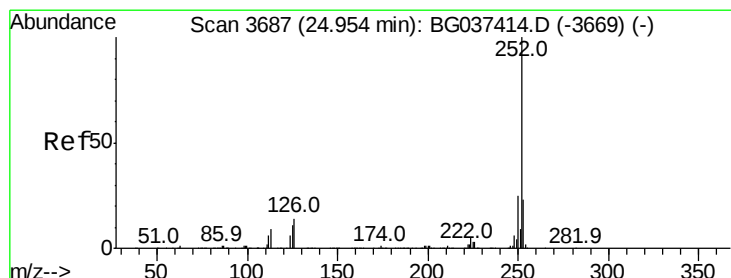
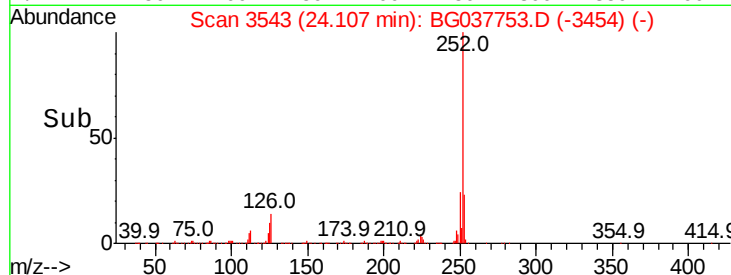
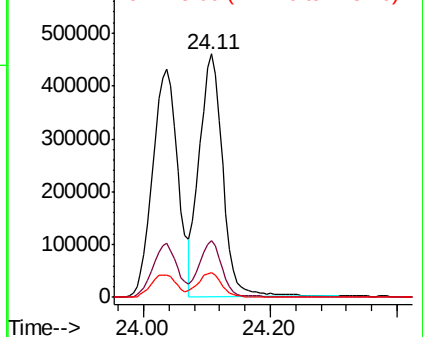


Abundance

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



#90

Benzo(a)pyrene

Concen: 53.537 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037753.D

Acq: 2 Nov 2018 13:25

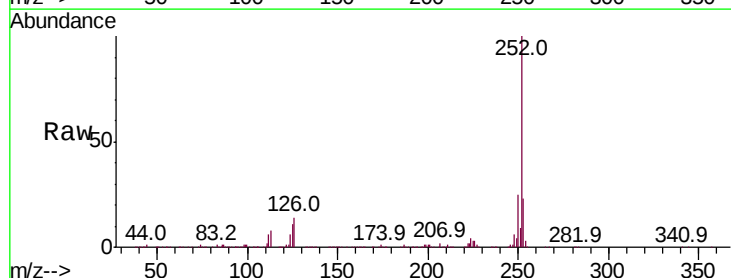
Tgt Ion:252 Resp: 1162740

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 11.1 9.0 13.6

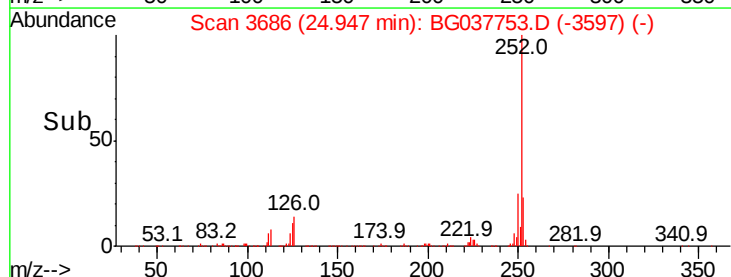
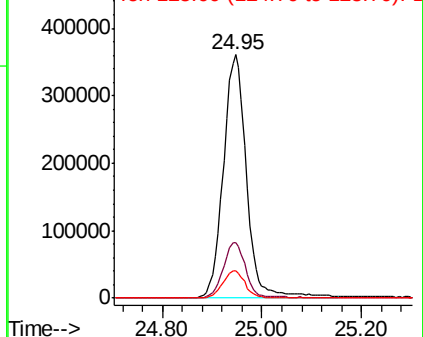


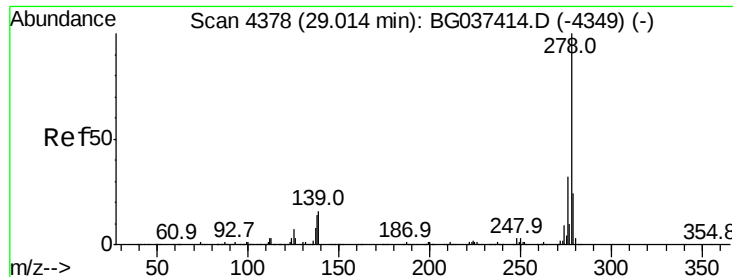
Abundance

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





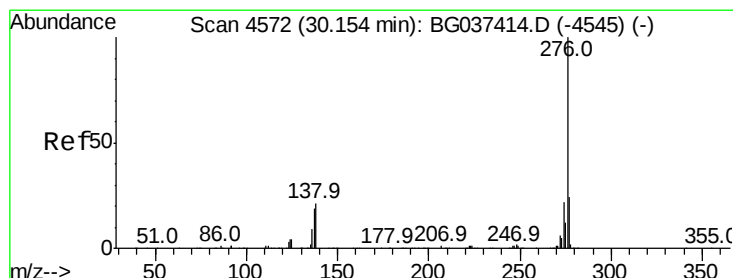
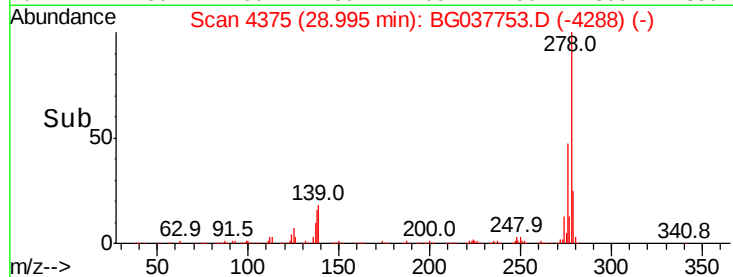
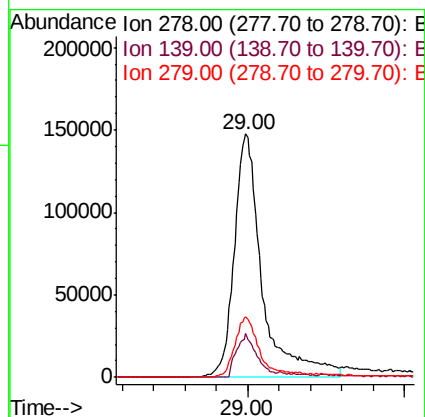
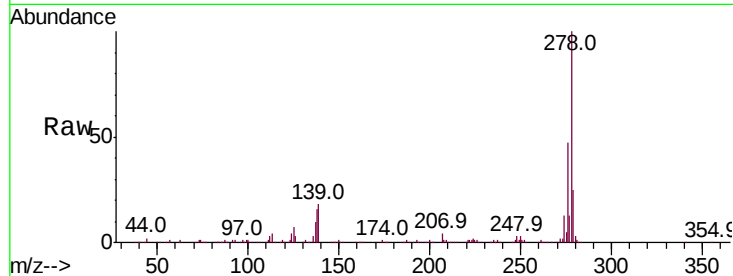
#91
Dibenzo(a,h)anthracene
Concen: 45.758 ng
RT: 29.00 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB114391BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.5	17.3#
279	24.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/2/2018 2:47:41 PM



#92
Benzo(g,h,i)perylene
Concen: 45.077 ng
RT: 30.13 min Scan# 4569
Delta R.T. -0.02 min
Lab File: BG037753.D
Acq: 2 Nov 2018 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.1	17.2	25.8

