

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037383.D
 Acq On : 17 Oct 2018 9:32
 Operator : JU/SJ
 Sample : PB113496BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Manual Integrations
 APPROVED

Sohil
 10/17/2018 4:32:42 PM

Quant Time: Oct 17 11:22:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53450	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	266059	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	179162	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	444940	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	415733	20.00	ng	-0.02
87) Perylene-d12	25.12	264	439014	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	509405	167.73	ng	0.00
7) Phenol-d6	7.26	99	705235	152.99	ng	0.00
23) Nitrobenzene-d5	9.29	82	395351	97.69	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	257851	146.75	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	981680	82.29	ng	-0.02
79) Terphenyl-d14	20.09	244	1557485	78.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	50869	29.822	ng	96
3) Pyridine	3.93	79	144968	35.796	ng	92
4) n-Nitrosodimethylamine	3.85	42	68236	43.387	ng	# 93
6) Aniline	7.43	93	219698	36.407	ng	96
8) 2-Chlorophenol	7.67	128	181743	51.130	ng	98
9) Benzaldehyde	7.25	77	54309	17.112	ng	94
10) Phenol	7.28	94	249780	51.447	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	166404	41.953	ng	95
12) 1,3-Dichlorobenzene	8.00	146	168307	40.278	ng	96
13) 1,4-Dichlorobenzene	8.15	146	171821	40.614	ng	96
14) 1,2-Dichlorobenzene	8.47	146	168159	41.019	ng	97
15) Benzyl Alcohol	8.35	79	164417	45.597	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	307458	39.211	ng	97
17) 2-Methylphenol	8.54	107	167175	51.413	ng	98
18) Hexachloroethane	9.20	117	61727	42.749	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	141559	40.560	ng	96
20) 3+4-Methylphenols	8.87	107	235763	51.856	ng	99
22) Acetophenone	8.94	105	266619	39.753	ng	# 97
24) Nitrobenzene	9.33	77	203135	46.865	ng	95
25) Isophorone	9.85	82	407775	44.139	ng	96
26) 2-Nitrophenol	10.04	139	90355	54.033	ng	97
27) 2,4-Dimethylphenol	10.08	122	196553	50.901	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	245623	42.496	ng	96
29) 2,4-Dichlorophenol	10.57	162	199306	50.846	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	186354	39.069	ng	99
31) Naphthalene	10.99	128	562507	43.503	ng	99
32) Benzoic acid	10.16	122	50743m	23.798	ng	
33) 4-Chloroaniline	11.09	127	165065	27.213	ng	96
34) Hexachlorobutadiene	11.25	225	107330	36.235	ng	96
35) Caprolactam	11.88	113	74555m	46.656	ng	
36) 4-Chloro-3-methylphenol	12.19	107	218015	47.095	ng	96
37) 2-Methylnaphthalene	12.58	142	428674	45.428	ng	99
38) 1-Methylnaphthalene	12.80	142	411537	44.654	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	215107	37.075	ng	99

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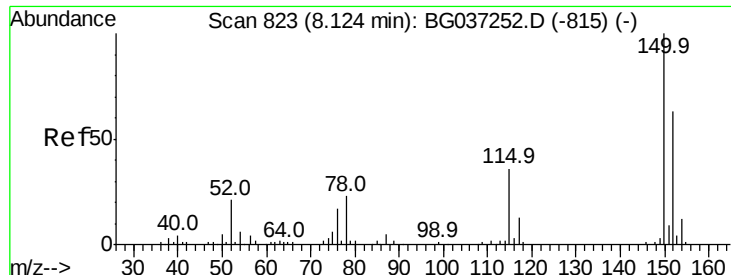
Manual Integrations
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 10/17/2018 4:32:42 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	253770	106.096	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	163866	48.685	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	179468	49.557	nq	96
46) 1,1'-Biphenyl	13.58	154	558079	37.866	nq	99
47) 2-Chloronaphthalene	13.63	162	440529	39.572	nq	98
48) 2-Nitroaniline	13.83	65	145815	48.302	nq	97
49) Acenaphthylene	14.47	152	733234	43.056	nq	99
50) Dimethylphthalate	14.20	163	589213	41.848	nq	100
51) 2,6-Dinitrotoluene	14.32	165	129512	47.419	nq	94
52) Acenaphthene	14.81	154	436746	41.519	nq	99
53) 3-Nitroaniline	14.65	138	115532	39.218	nq	# 98
54) 2,4-Dinitrophenol	14.85	184	21274	30.196	nq	98
55) Dibenzofuran	15.14	168	698104	40.900	nq	99
56) 4-Nitrophenol	14.94	139	206026	89.721	nq	97
57) 2,4-Dinitrotoluene	15.11	165	179842	51.516	nq	98
58) Fluorene	15.79	166	564640	43.740	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	159152	49.638	nq	99
60) Diethylphthalate	15.55	149	605864	41.521	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	294568	39.038	nq	98
62) 4-Nitroaniline	15.82	138	149710	48.418	nq	94
63) Azobenzene	16.07	77	575887	41.164	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	31938	26.038	nq	96
66) n-Nitrosodiphenylamine	15.99	169	523415	40.058	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	188428	39.239	nq	99
68) Hexachlorobenzene	16.78	284	191726	38.508	nq	98
69) Atrazine	16.94	200	203027	41.806	nq	99
70) Pentachlorophenol	17.13	266	155712	48.475	nq	96
71) Phenanthrene	17.53	178	953594	42.103	nq	100
72) Anthracene	17.63	178	973798	43.926	nq	98
73) Carbazole	17.90	167	897781	39.305	nq	99
74) Di-n-butylphthalate	18.44	149	1061098	43.342	nq	100
75) Fluoranthene	19.54	202	1136680	42.939	nq	97
77) Benzidine	19.72	184	521264	32.775	nq	100
78) Pyrene	19.90	202	1133124	41.820	nq	99
80) Butylbenzylphthalate	20.78	149	485388	46.044	nq	97
81) Benzo(a)anthracene	21.76	228	1078918	43.333	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	287554	29.939	nq	99
83) Chrysene	21.83	228	988114	41.603	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	677215	44.737	nq	98
85) Di-n-octyl phthalate	22.89	149	1149661	46.792	nq	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1191212	45.249	nq	99
88) Benzo(b)fluoranthene	24.05	252	1068274	44.757	nq	99
89) Benzo(k)fluoranthene	24.13	252	1033411	43.877	nq	97
90) Benzo(a)pyrene	24.96	252	1039692	45.427	nq	100
91) Dibenzo(a,h)anthracene	29.03	278	959619	43.820	nq	96
92) Benzo(g,h,i)perylene	30.16	276	982070	44.902	nq	98

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



#1

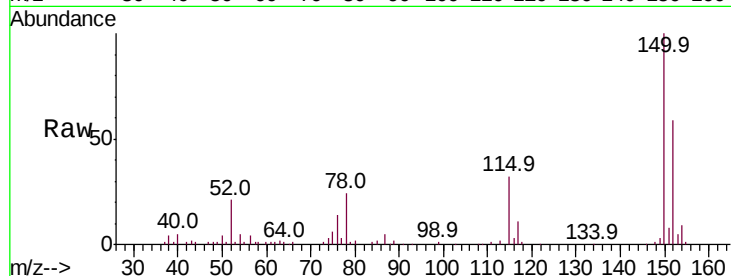
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.0	126.0	189.0
115	54.5	45.5	68.3

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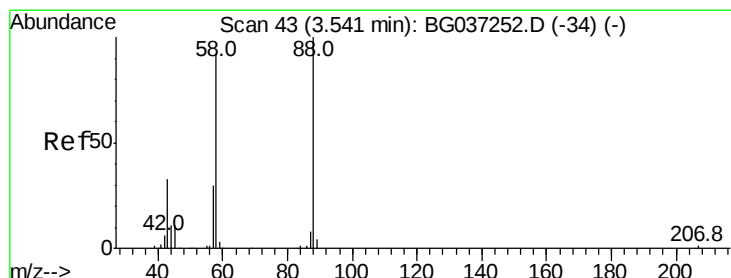
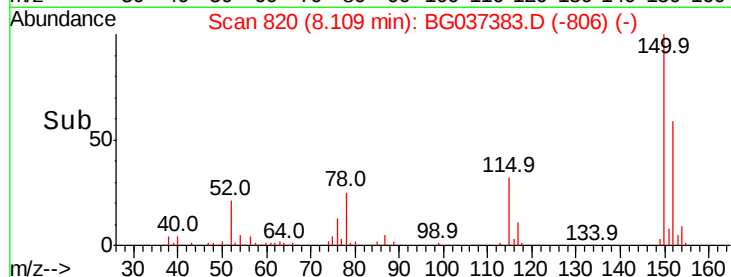
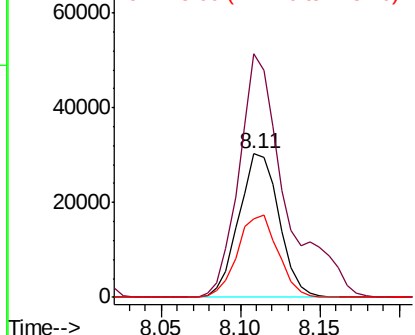


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

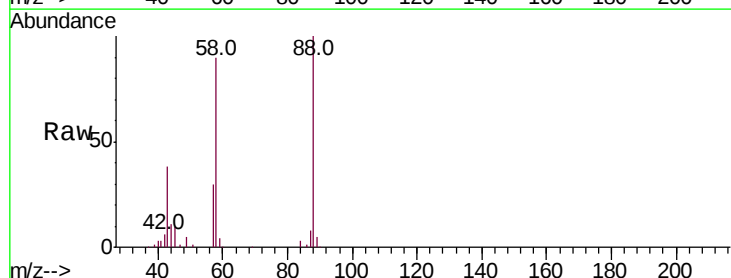
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.822 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	74.4	111.6
43	30.8	25.8	38.8

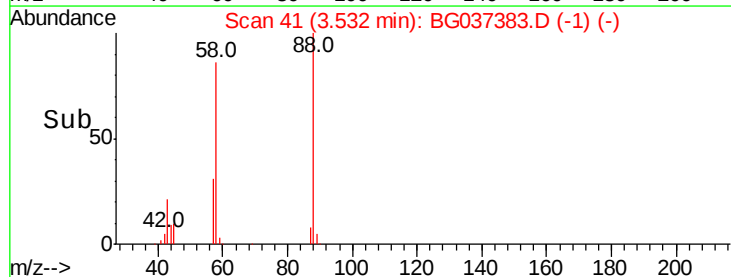
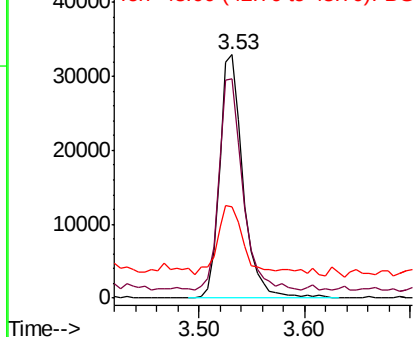


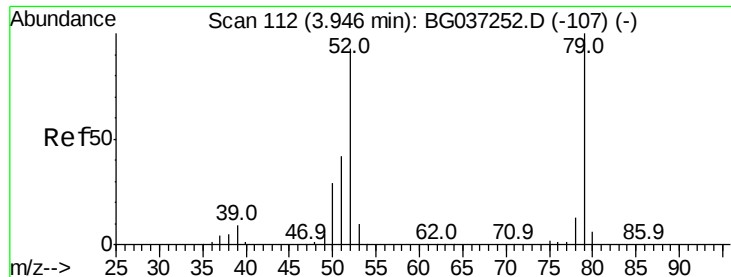
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.796 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

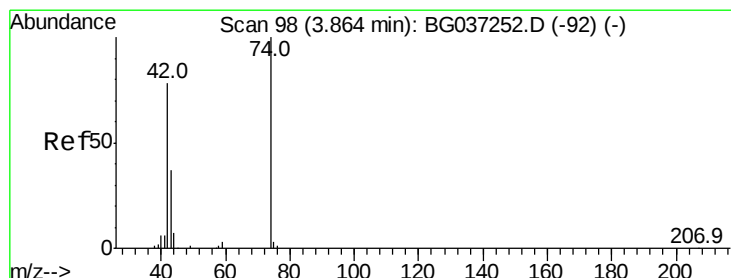
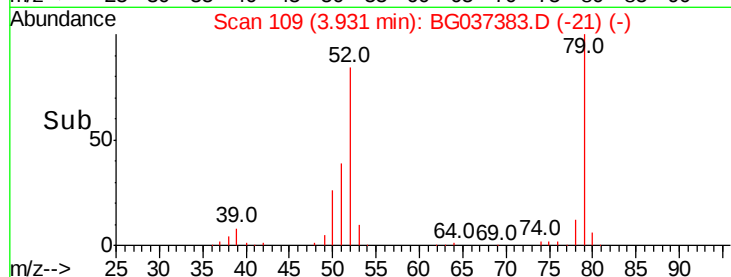
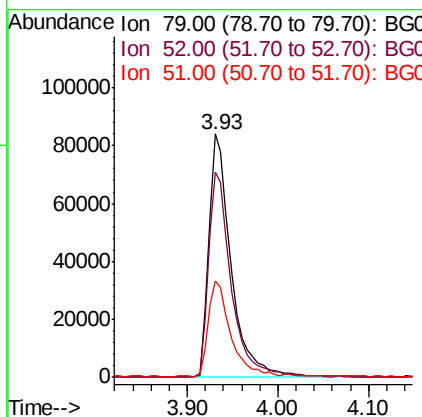
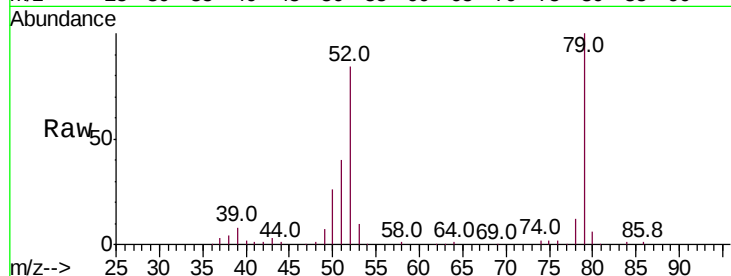
ClientSampled :

PB113496BSD

Tot Ion:	79	Resp:	144968
Ion Ratio	Lower	Upper	
79	100		
52	84.4	74.2	111.2
51	39.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 43.387 ng

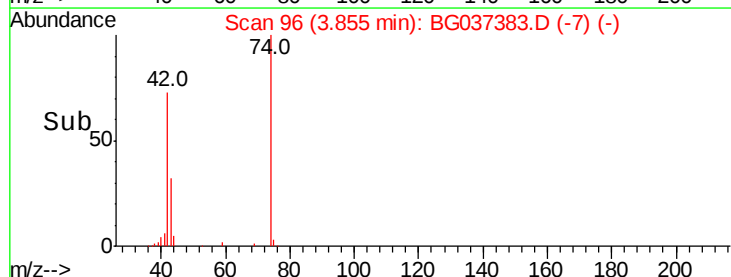
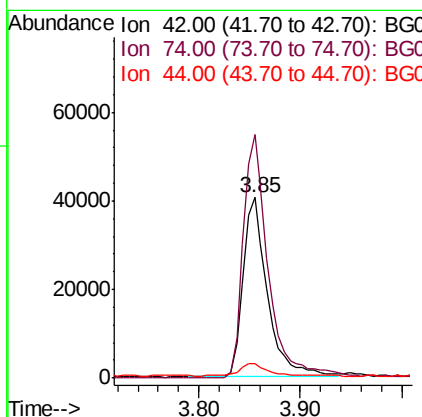
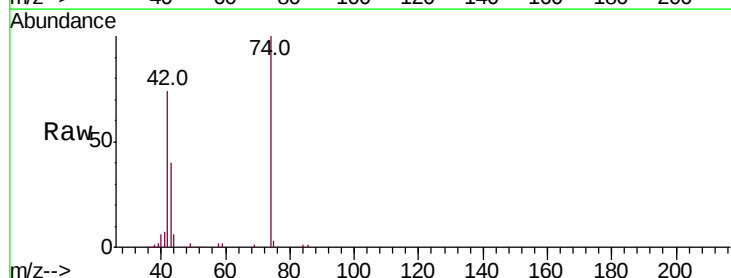
RT: 3.85 min Scan# 96

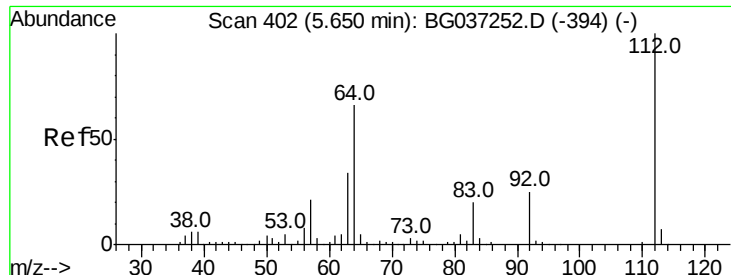
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	42	Resp:	68236
Ion Ratio	Lower	Upper	
42	100		
74	134.6	102.0	153.0
44	8.0	9.6	14.4#





#5

2-Fluorophenol

Concen: 167.728 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

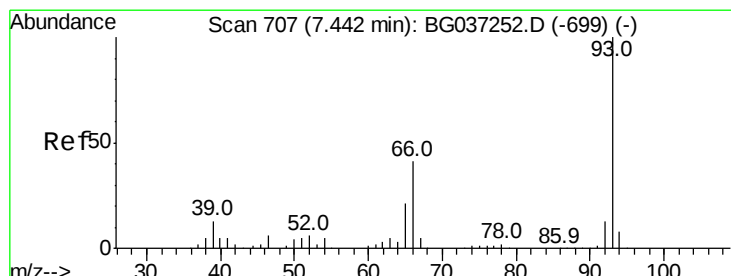
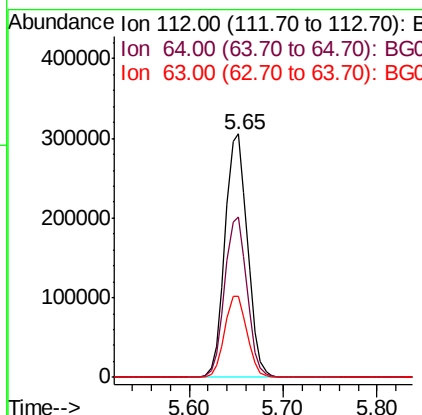
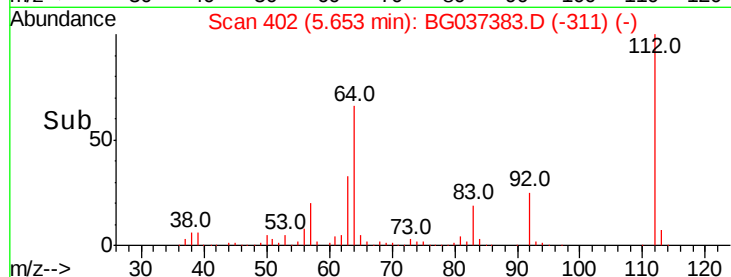
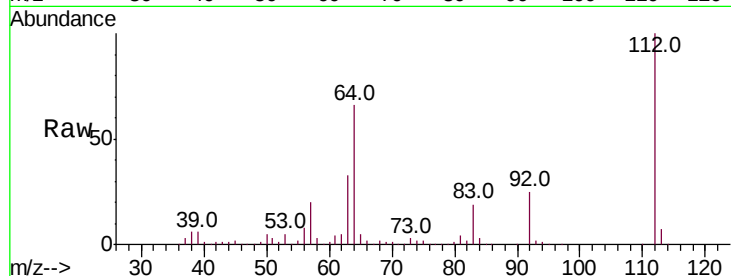
ClientSampleId :

PB113496BSD

Tot Ion:	112	Resp:	509405
Ion Ratio	Lower	Upper	
112	100		
64	66.0	53.1	79.7
63	33.1	27.3	40.9

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#6

Aniline

Concen: 36.407 ng

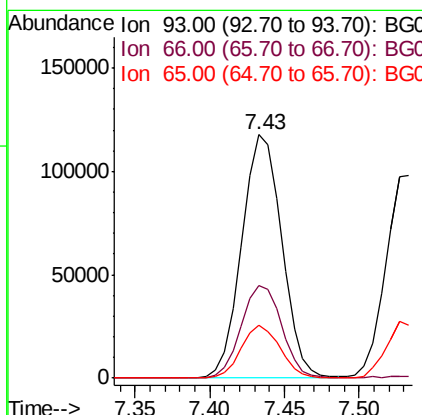
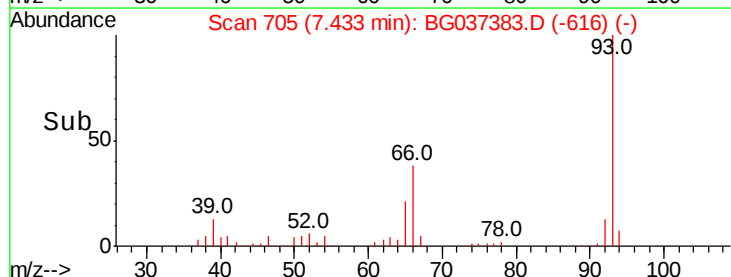
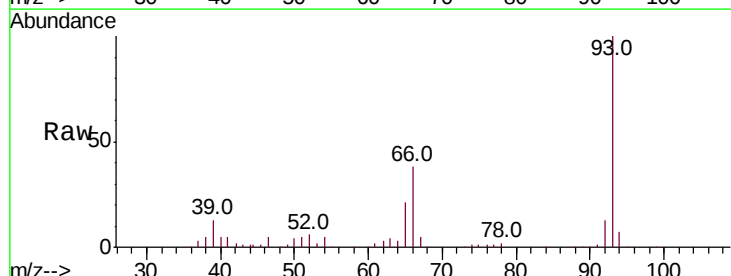
RT: 7.43 min Scan# 705

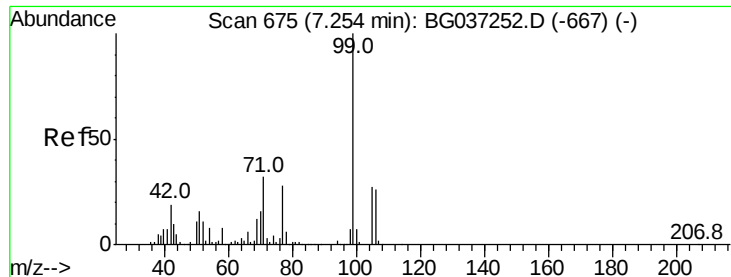
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	93	Resp:	219698
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.8	49.2
65	21.5	16.4	24.6





#7

Phenol-d6

Concen: 152.986 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

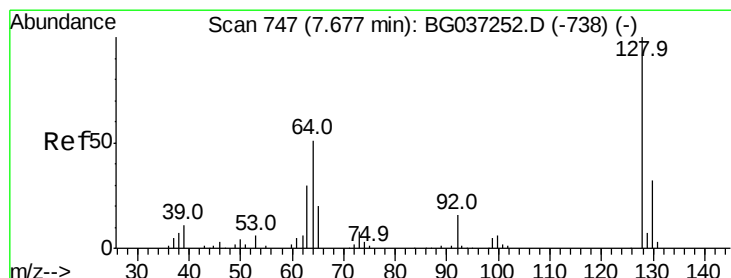
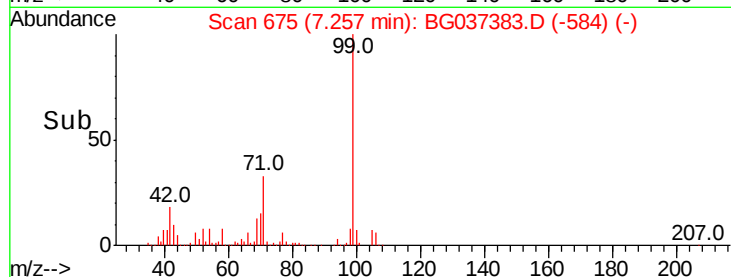
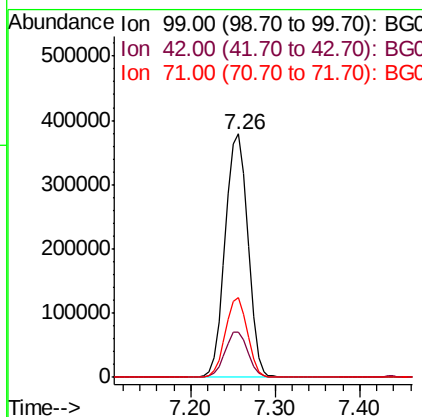
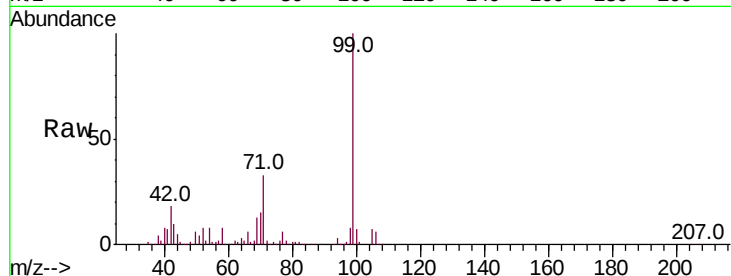
ClientSampleId :

PB113496BSD

Tot Ion	99	Resp	705235
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.0	22.4
71	32.6	25.5	38.3

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#8

2-Chlorophenol

Concen: 51.130 ng

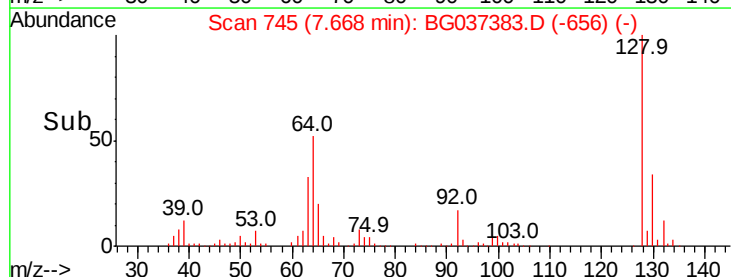
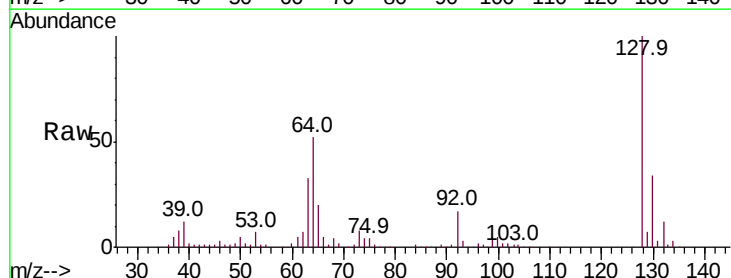
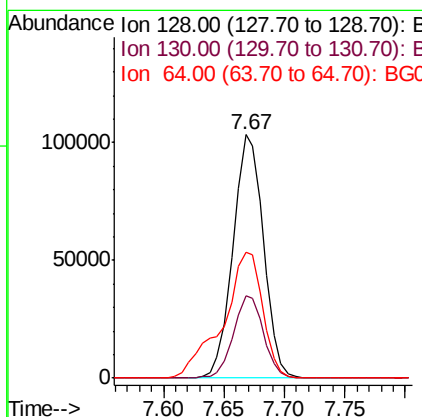
RT: 7.67 min Scan# 745

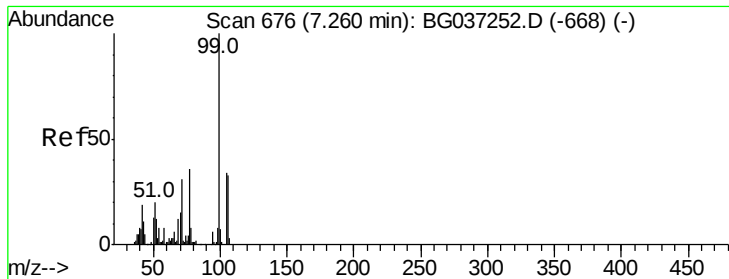
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion	128	Resp	181743
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	51.9	32.9	72.9





#9

Benzaldehyde

Concen: 17.112 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion: 77 Resp: 54309

Ion Ratio Lower Upper

77 100

105 98.8 72.6 112.6

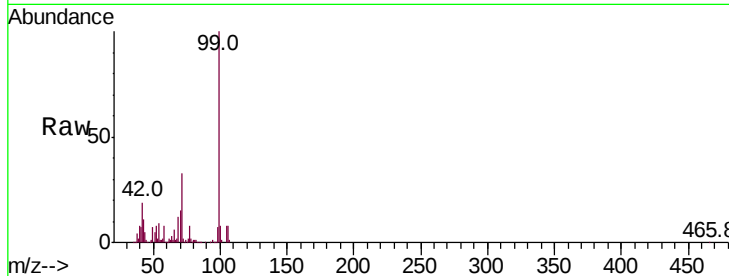
106 97.1 71.3 111.3

Manual Integrations

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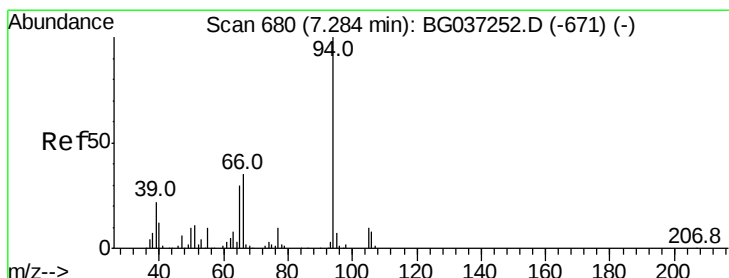
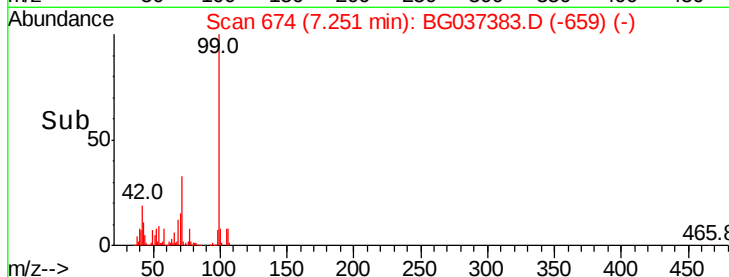
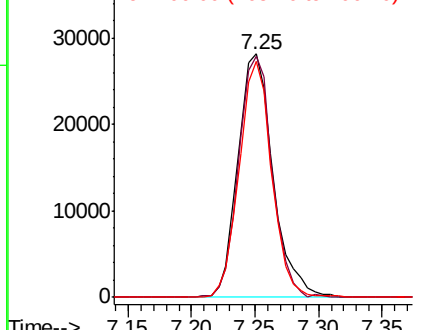
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.447 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion: 94 Resp: 249780

Ion Ratio Lower Upper

94 100

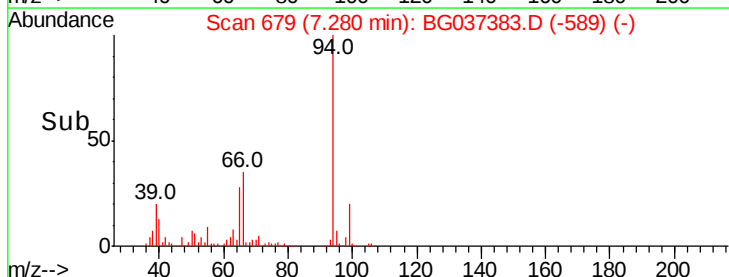
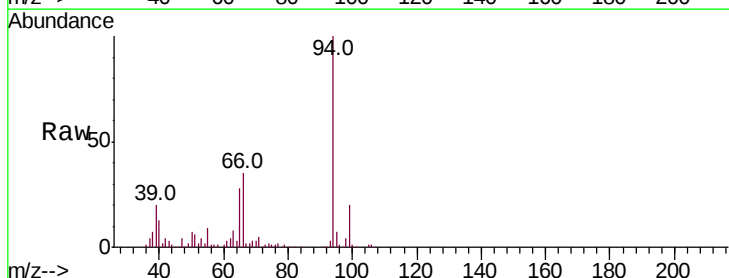
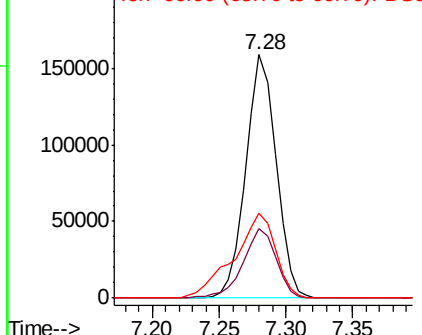
65 28.5 9.7 49.7

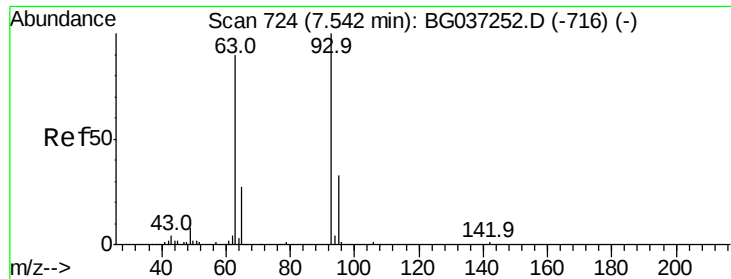
66 34.8 15.9 55.9

Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





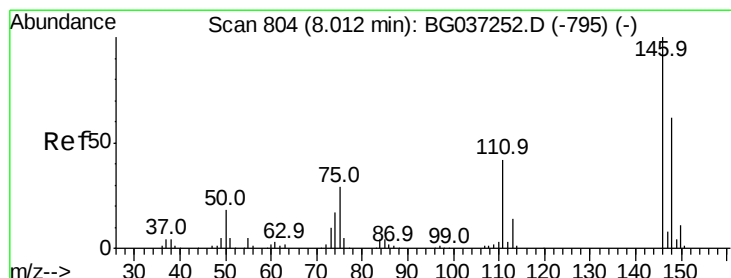
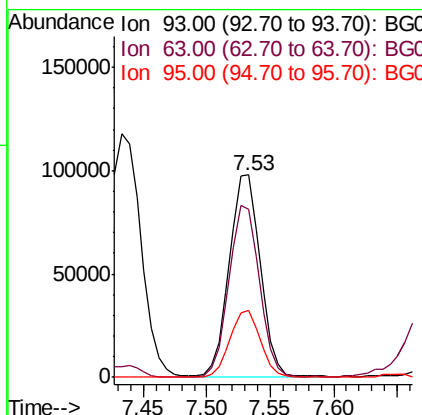
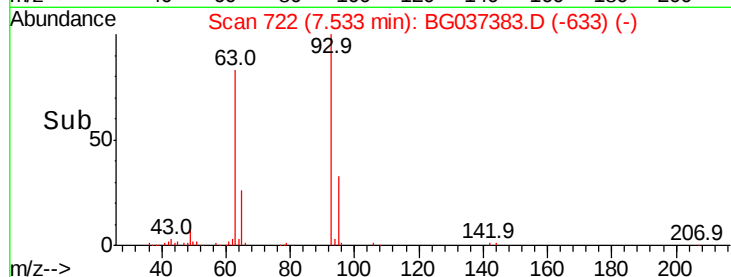
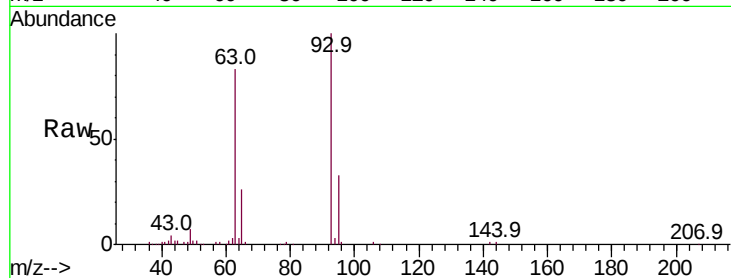
#11
bis(2-Chloroethyl)ether
Concen: 41.953 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	69.5	109.5
95	33.3	12.6	52.6

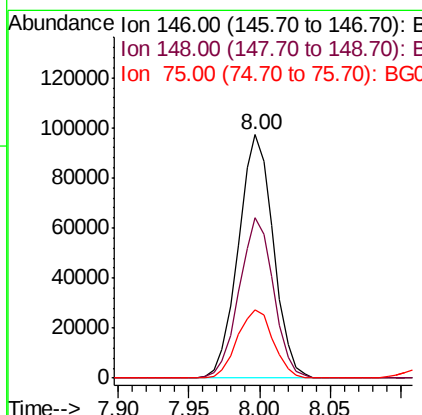
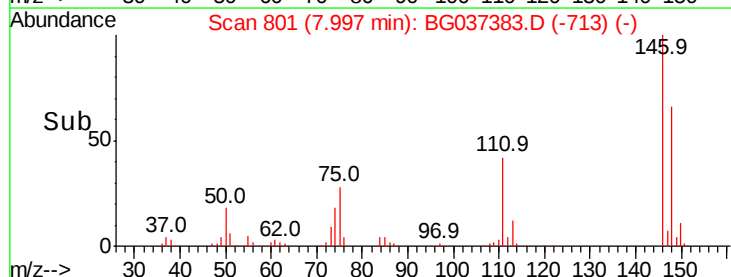
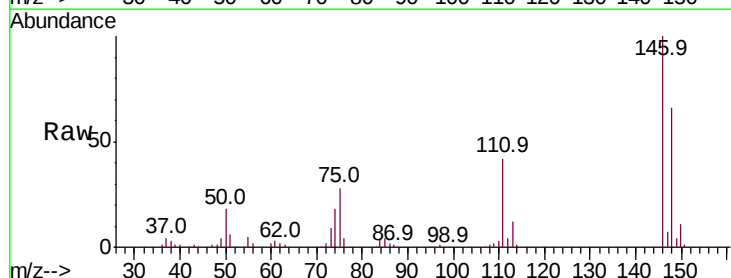
Manual Integrations
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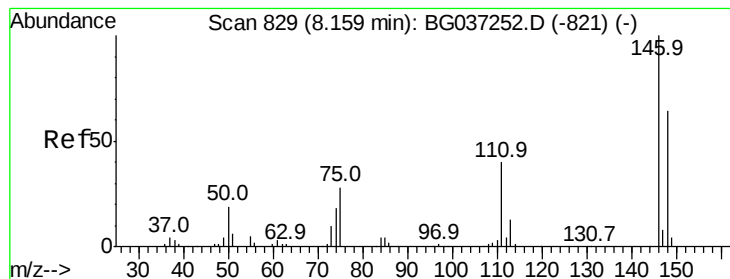
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.278 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.8	74.8
75	27.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 40.614 ng

RT: 8.15 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

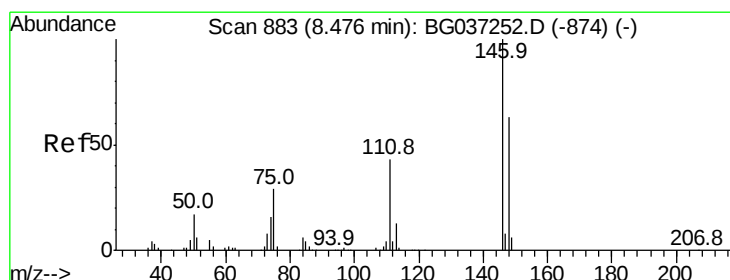
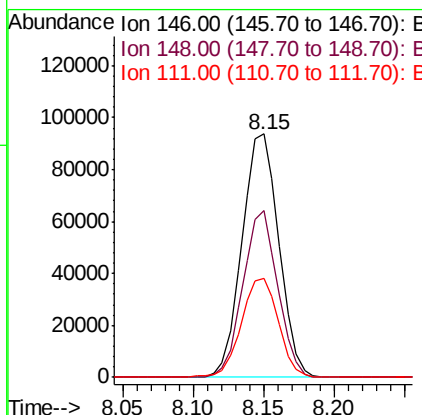
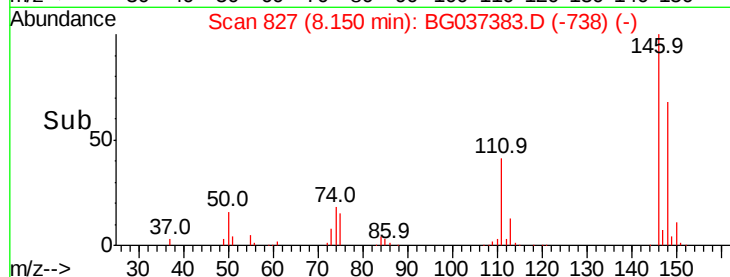
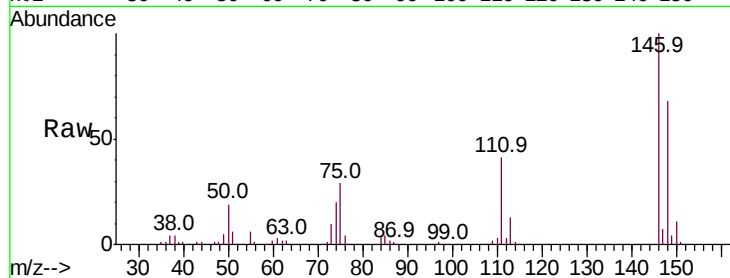
ClientSampleId :

PB113496BSD

Tot Ion:	146	Resp:	171821
Ion Ratio	Lower	Upper	
146	100		
148	68.3	51.0	76.6
111	40.9	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 41.019 ng

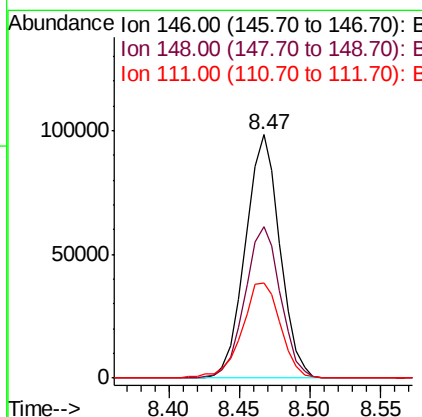
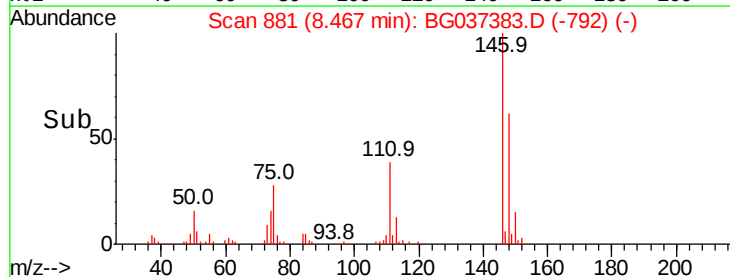
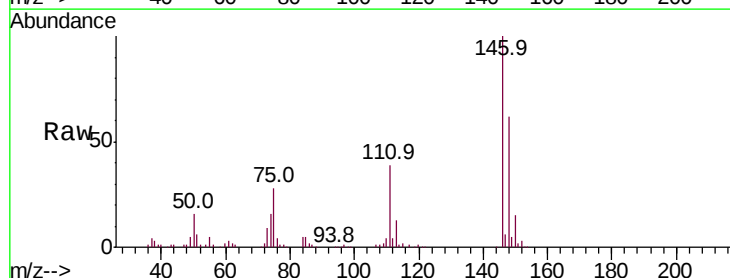
RT: 8.47 min Scan# 881

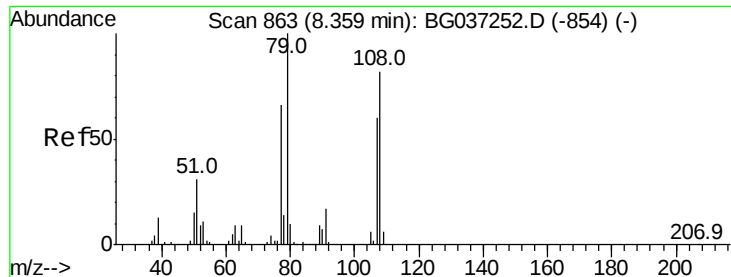
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	146	Resp:	168159
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.4	75.6
111	39.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 45.597 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

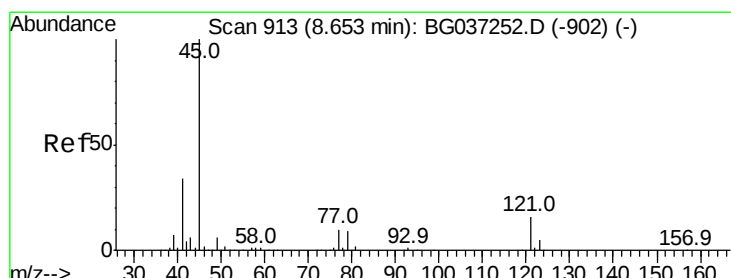
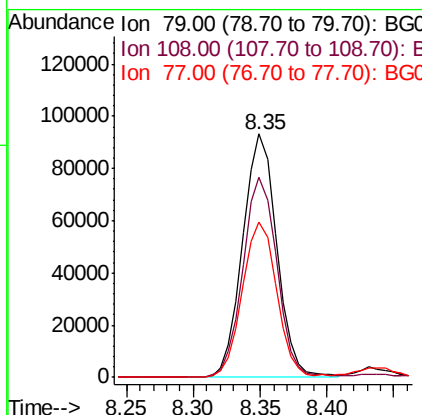
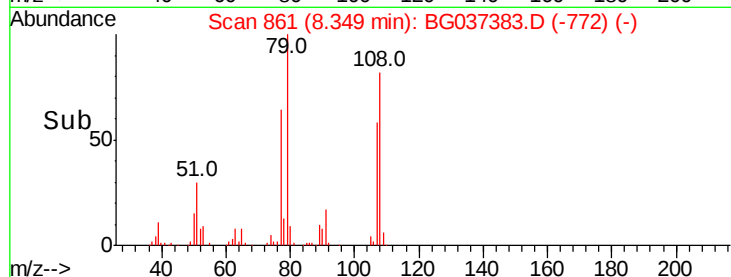
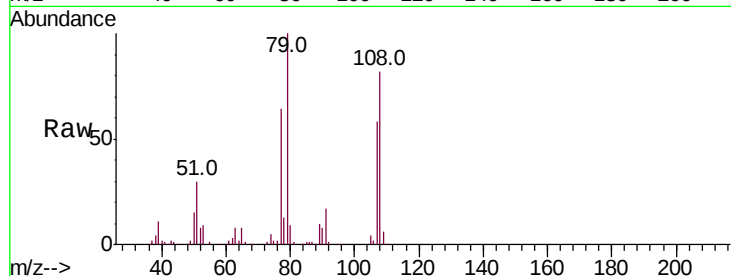
ClientSampleId :

PB113496BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.8	98.8
77	63.5	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.211 ng

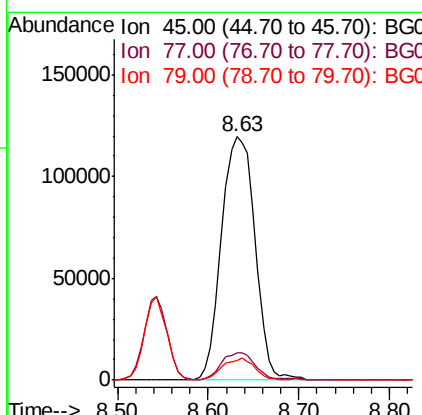
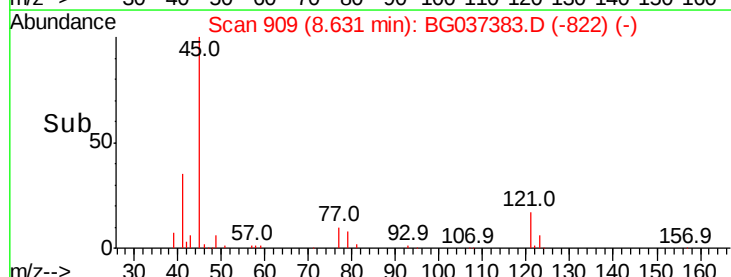
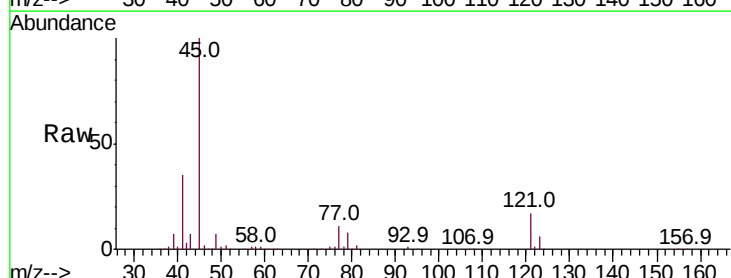
RT: 8.63 min Scan# 909

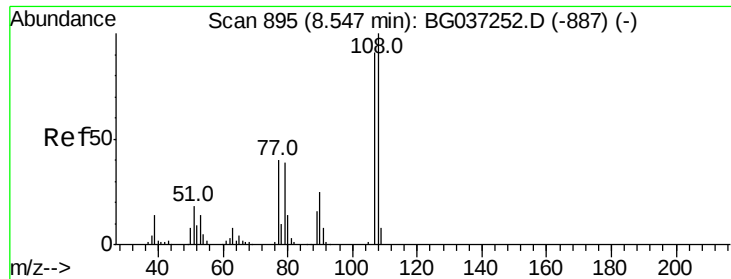
Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

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





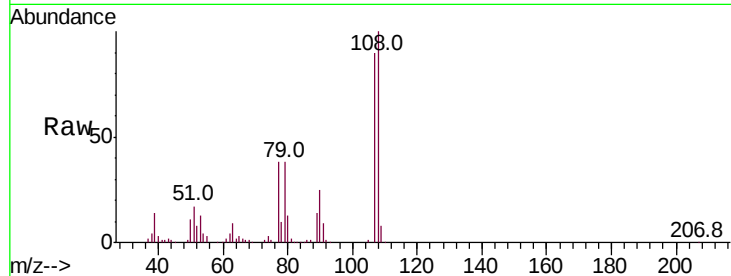
#17
2-Methylphenol
Concen: 51.413 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	87.9	131.9	
77	42.3	35.1	52.7	
79	42.4	34.5	51.7	

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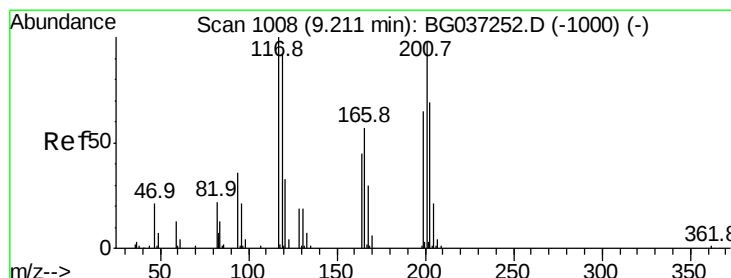
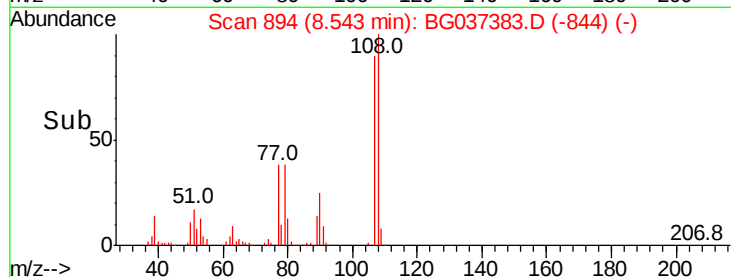
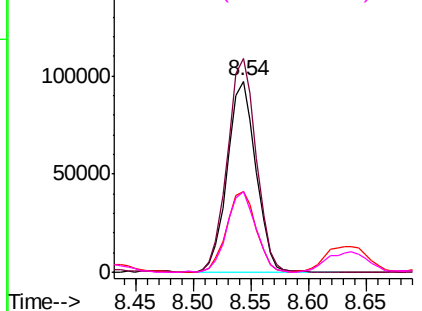
Abundance

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: 42.749 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

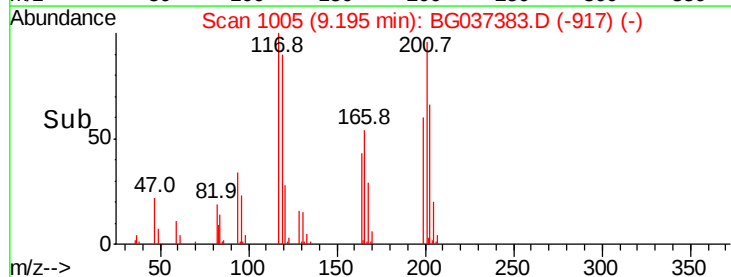
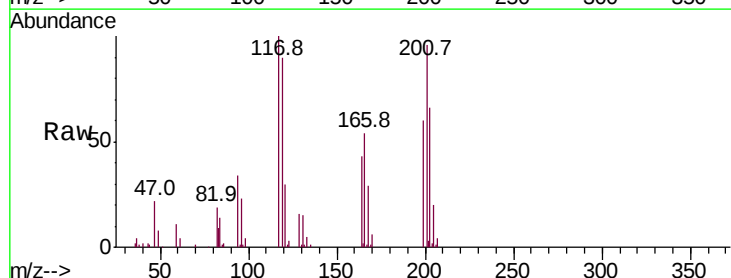
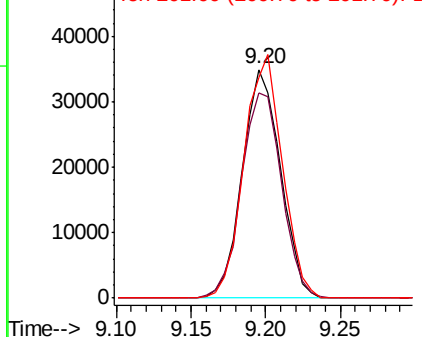
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.9	74.6	111.8	
201	99.4	80.8	121.2	

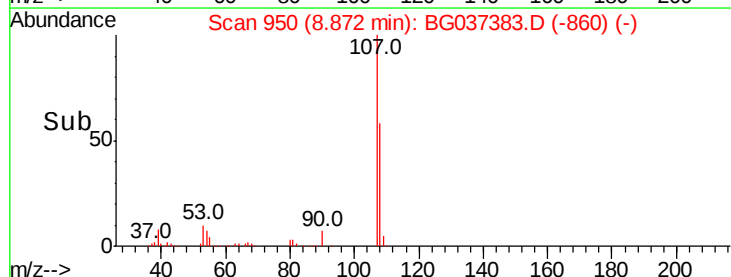
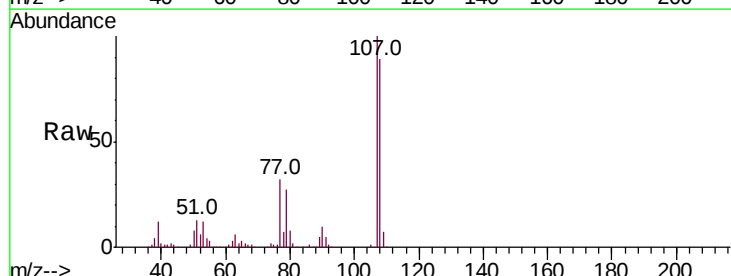
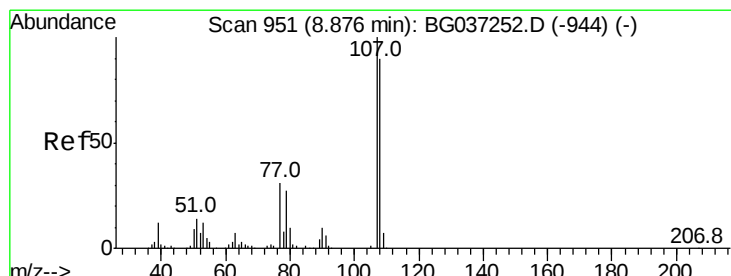
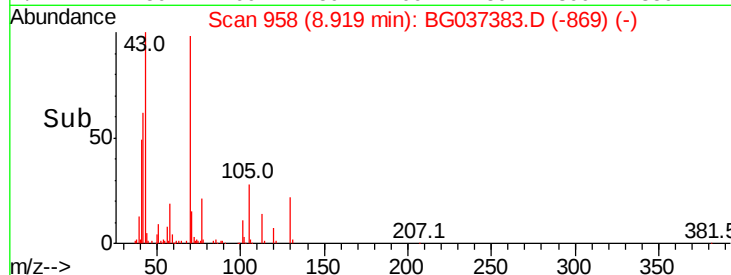
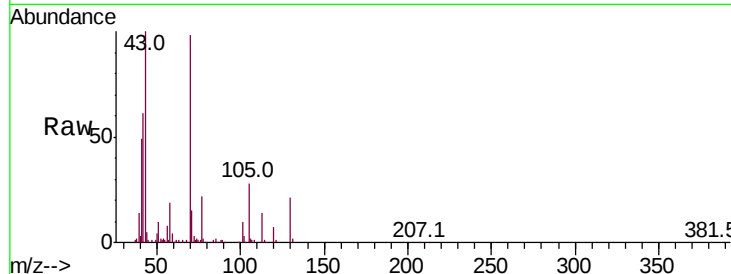
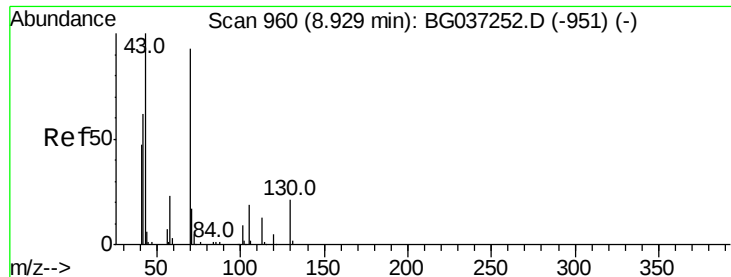
Abundance

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





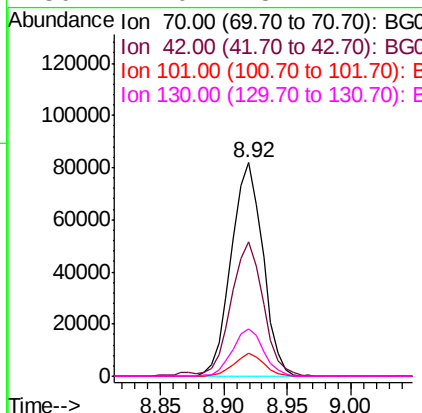
#19
n-Nitroso-di-n-propylamine
Concen: 40.560 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	53.9	80.9
101	10.7	8.2	12.2
130	22.0	18.2	27.4

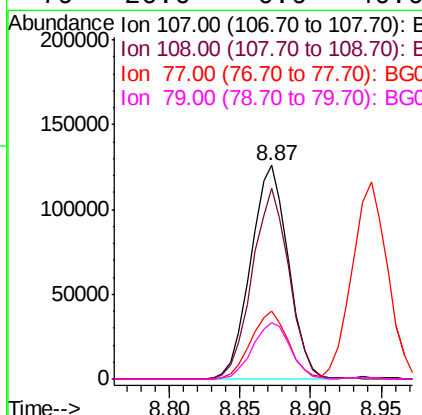
Manual Integrations
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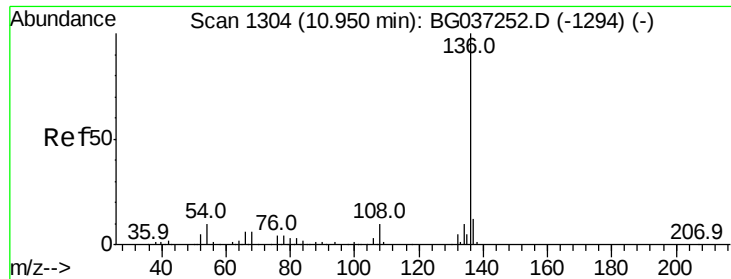
Sohil
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#20
3+4-Methylphenols
Concen: 51.856 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	31.8	11.2	51.2
79	26.6	6.6	46.6





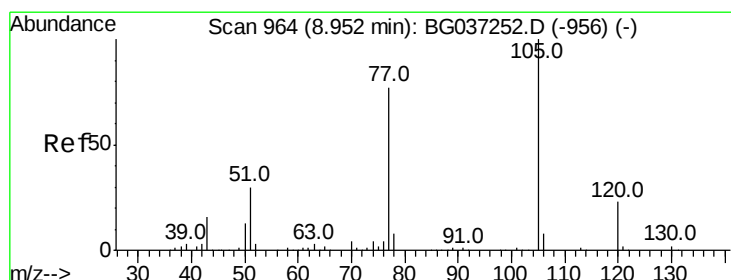
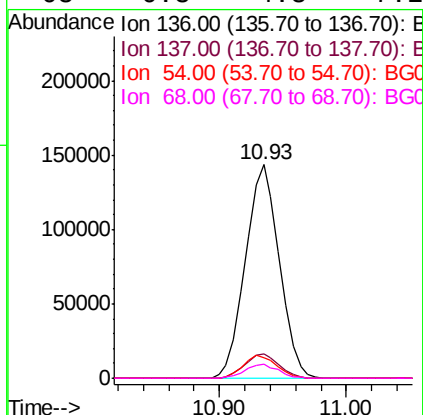
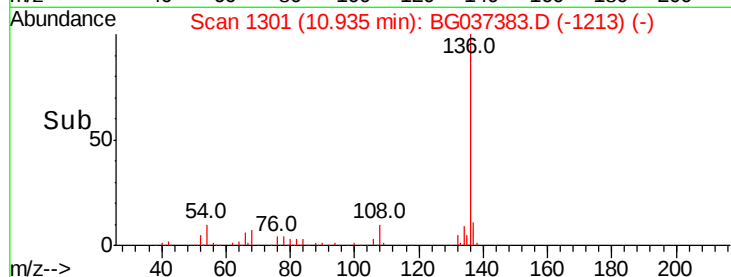
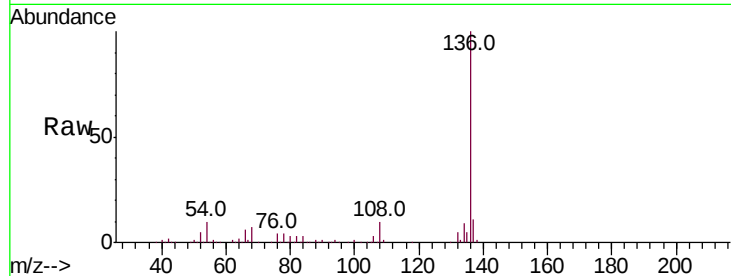
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	266059		
137	11.2	9.6	14.4	
54	9.9	7.9	11.9	
68	6.8	4.8	7.2	

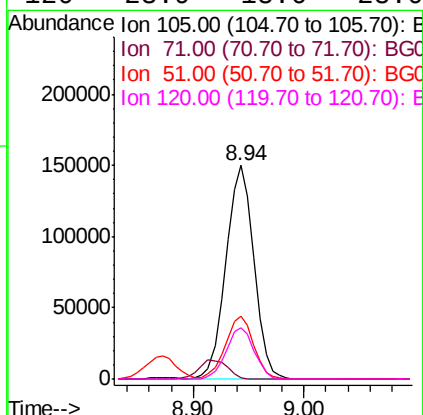
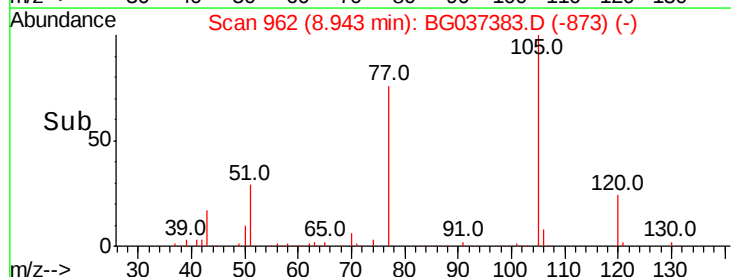
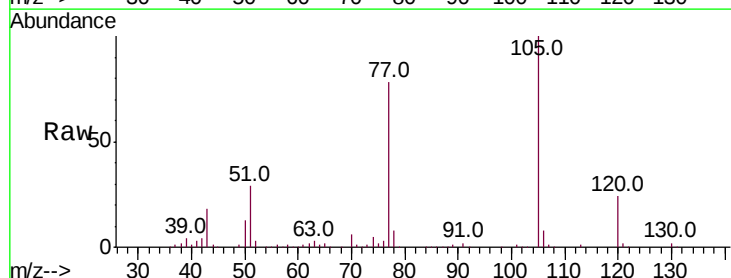
Manual Integrations
APPROVED

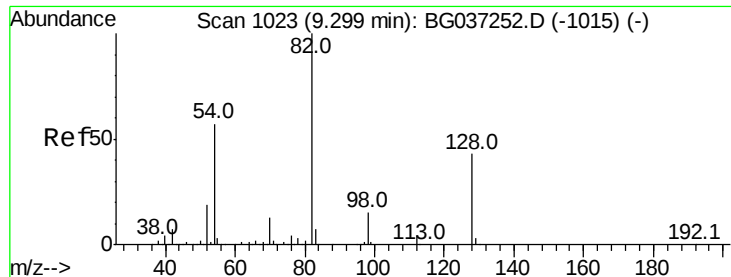
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#22
Acetophenone
Concen: 39.753 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266619		
71	0.8	1.2	1.8#	
51	29.1	25.0	37.6	
120	23.9	18.6	28.0	





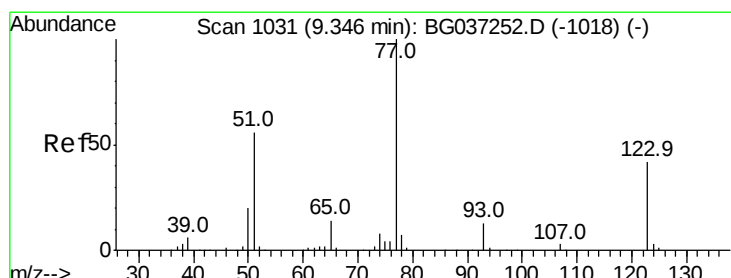
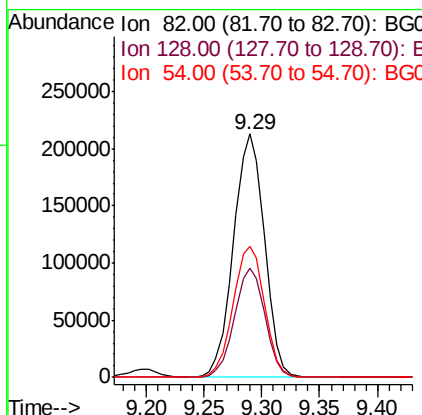
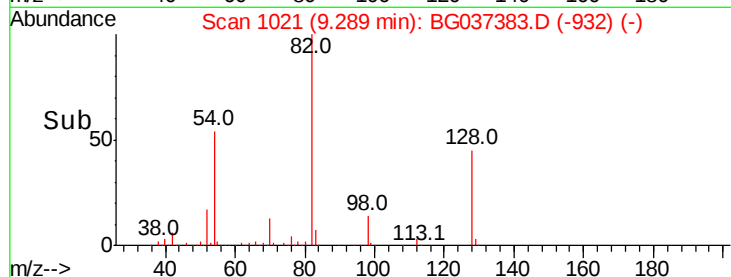
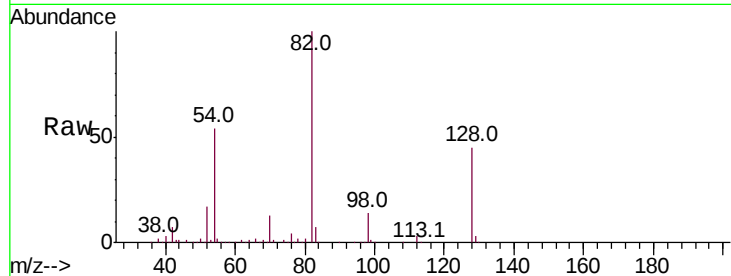
#23
Nitrobenzene-d5
Concen: 97.694 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.6	51.8	
54	54.0	45.3	67.9	

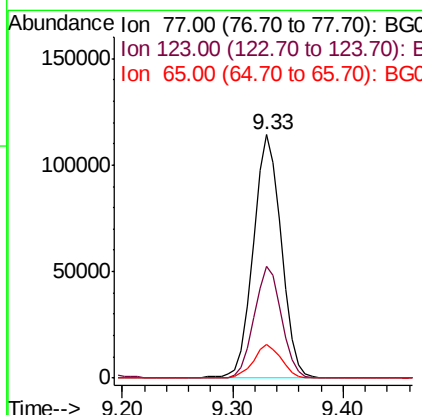
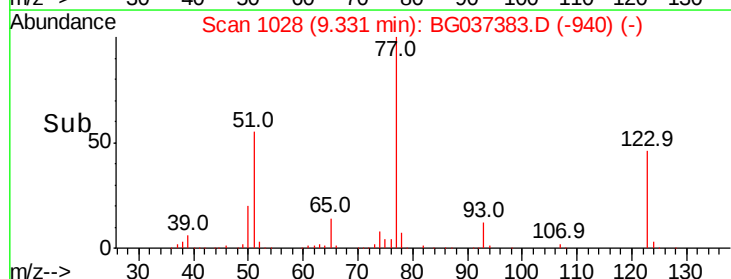
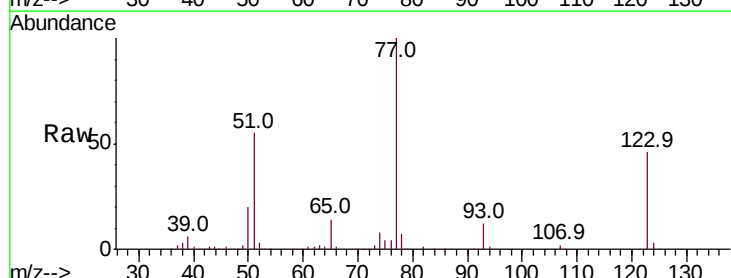
Manual Integrations
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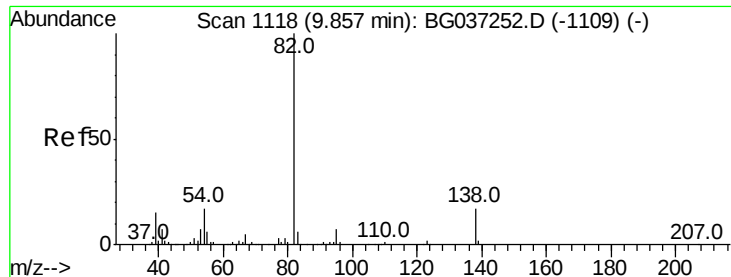
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#24
Nitrobenzene
Concen: 46.865 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.7	33.6	50.4	
65	13.8	11.3	16.9	





#25

Isophorone

Concen: 44.139 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

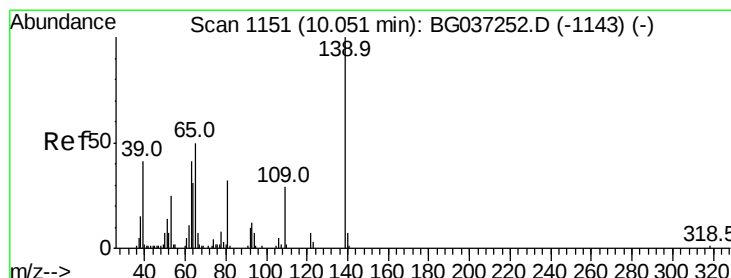
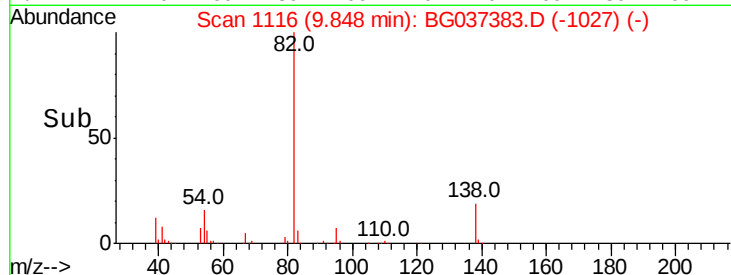
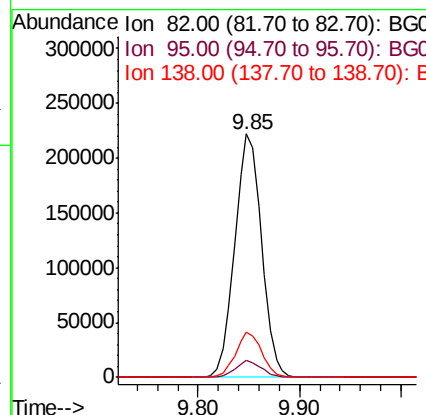
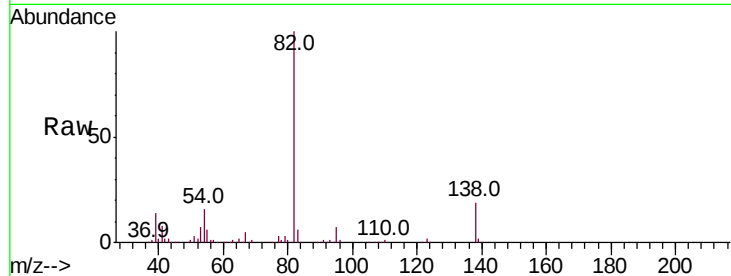
ClientSampleId :

PB113496BSD

Tot Ion:	82	Resp:	407775
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.033 ng

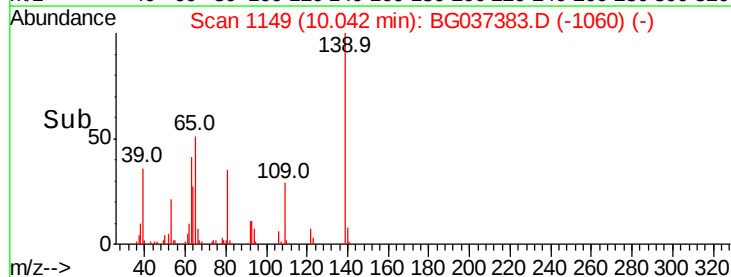
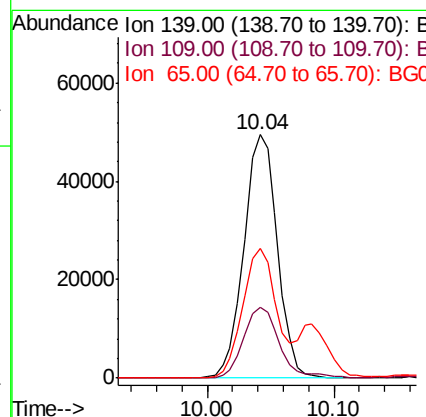
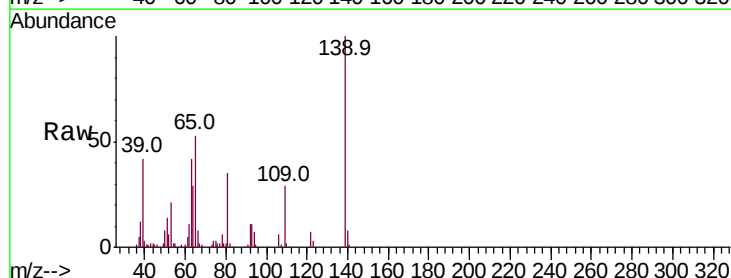
RT: 10.04 min Scan# 1149

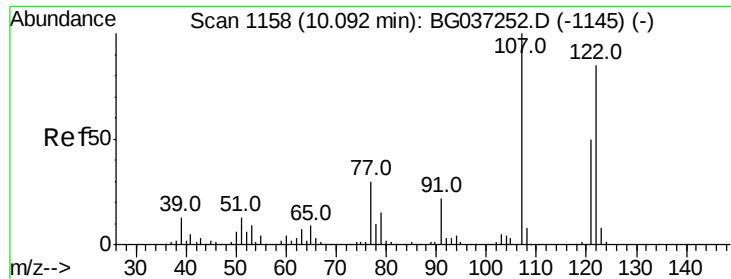
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	139	Resp:	90355
Ion Ratio	Lower	Upper	
139	100		
109	29.3	23.3	34.9
65	53.3	39.8	59.8





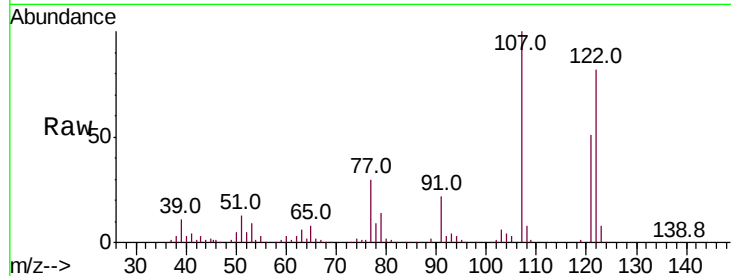
#27
2,4-Dimethylphenol
Concen: 50.901 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	196553		
107	121.9	94.2	141.2	
121	61.6	47.3	70.9	

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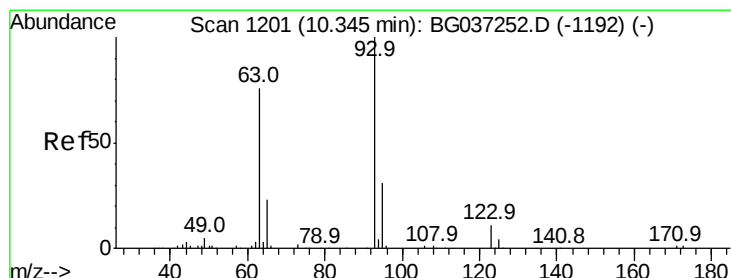
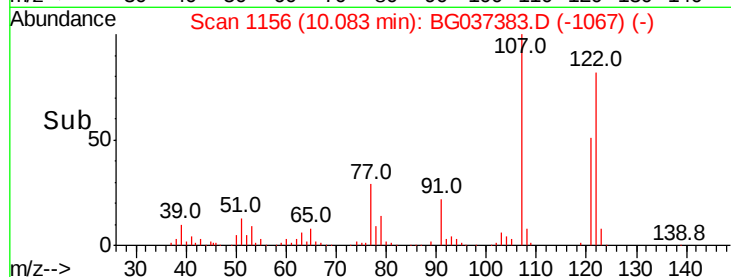
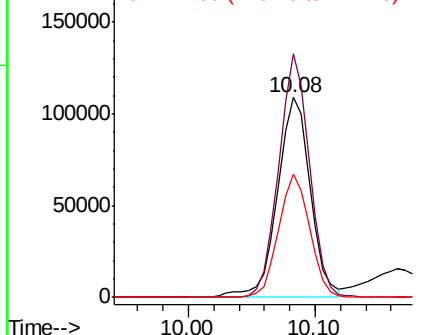


Abundance

Ion 122.00 (121.70 to 122.70): E

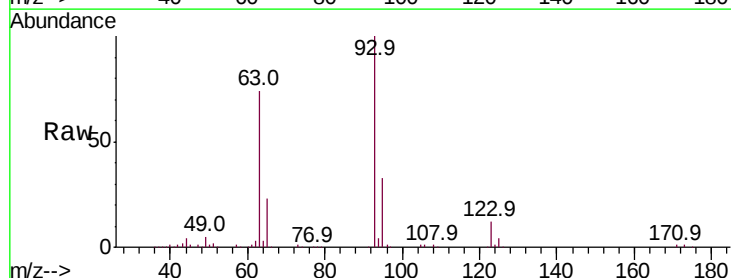
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.496 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245623		
95	33.1	24.6	37.0	
123	12.2	9.1	13.7	

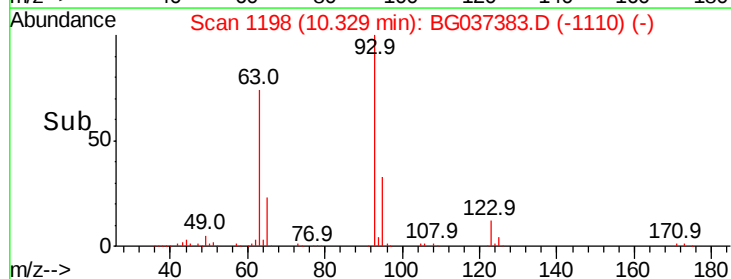
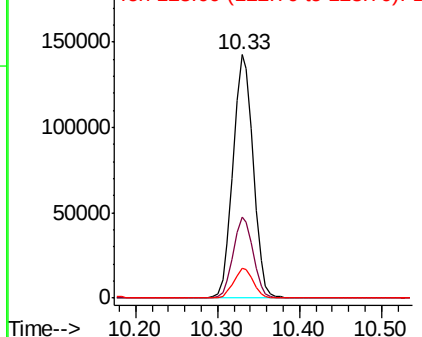


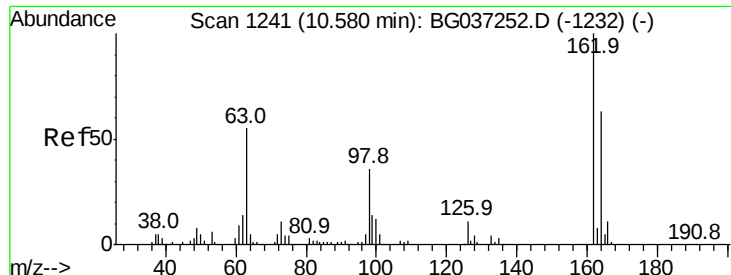
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





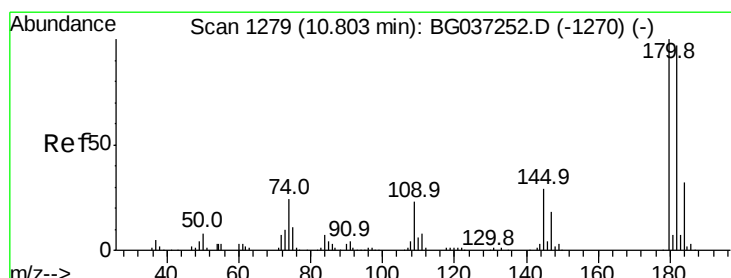
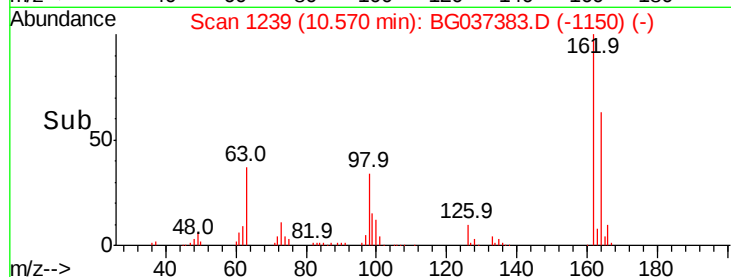
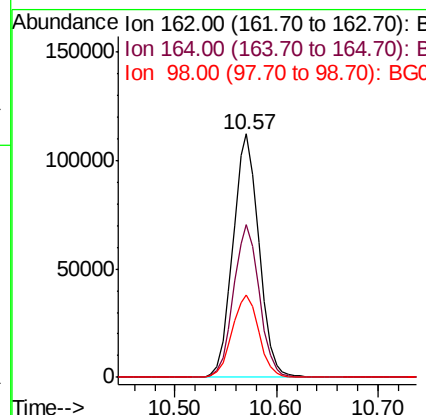
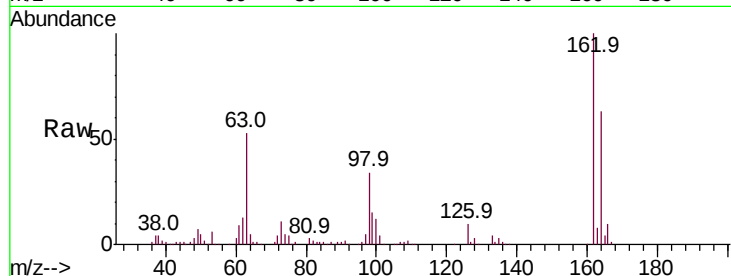
#29
 2,4-Dichlorophenol
 Concen: 50.846 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleID :
 PB113496BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	43.2	83.2
98	34.0	16.0	56.0

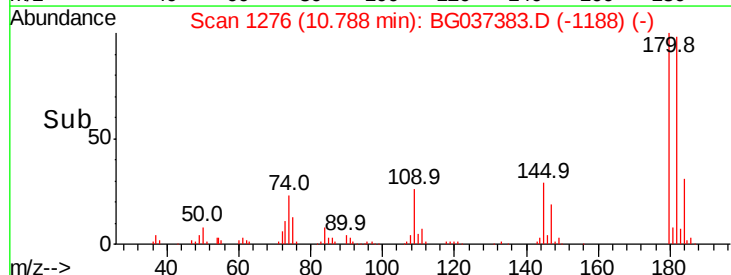
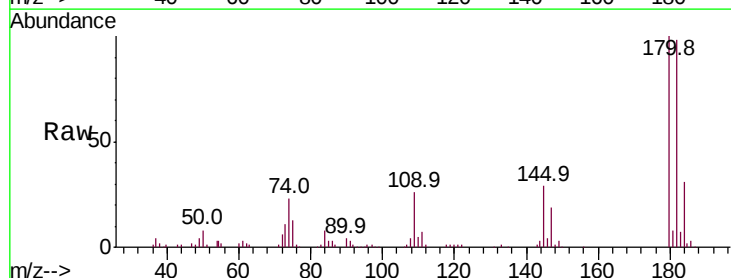
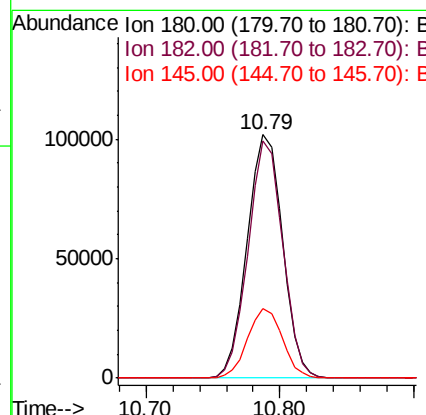
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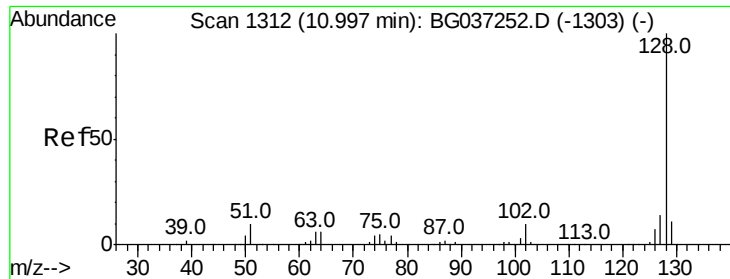
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.069 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.7	77.7	116.5
145	28.6	23.3	34.9





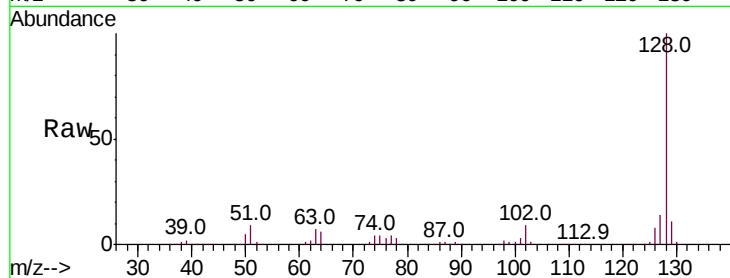
#31
Naphthalene
Concen: 43.503 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	11.1	16.7

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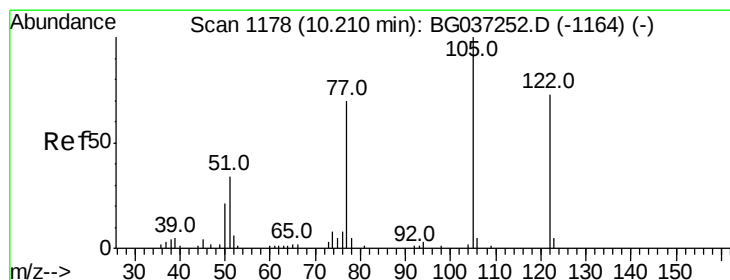
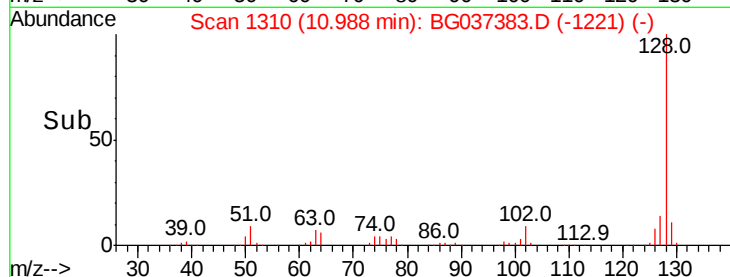
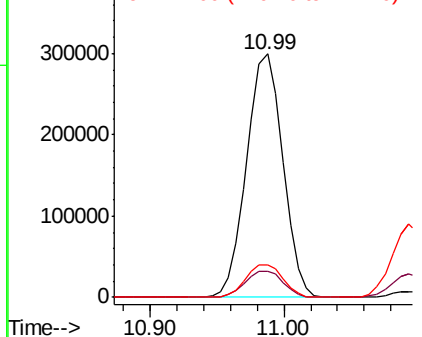


Abundance

Ion 128.00 (127.70 to 128.70): E

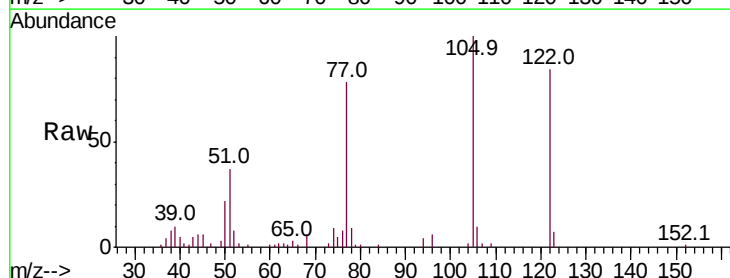
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.798 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.7	146.7
77	92.8	72.2	112.2

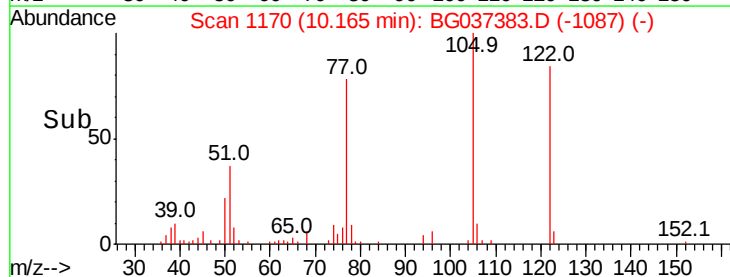
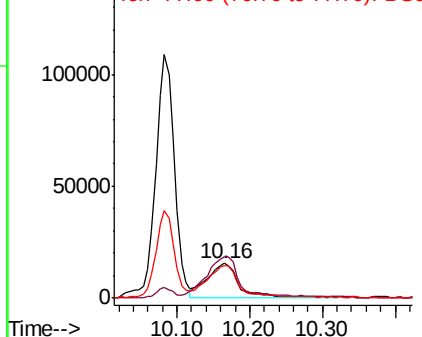


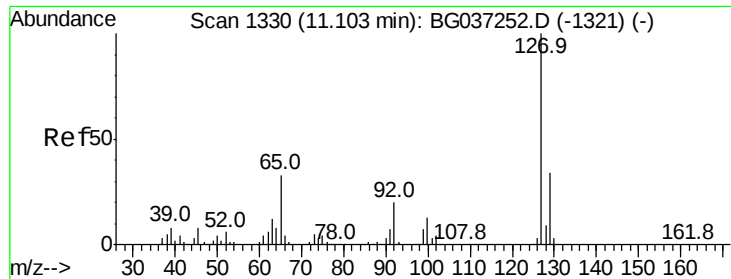
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





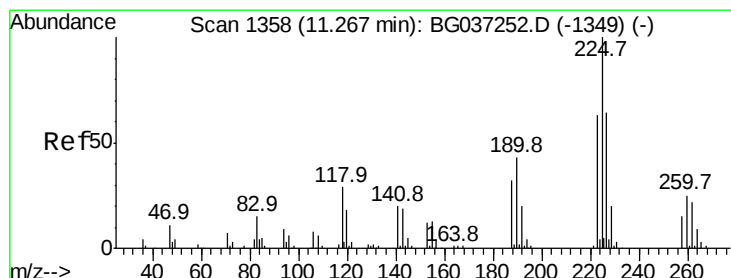
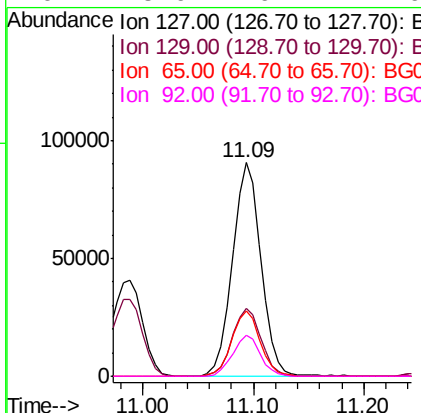
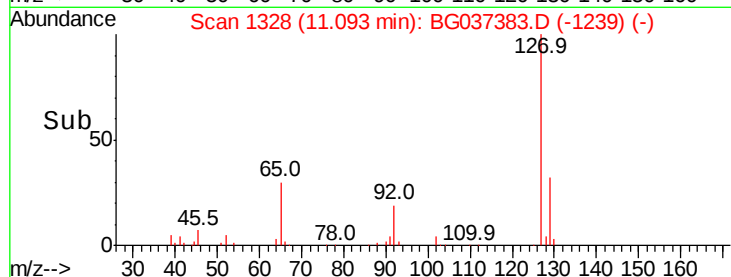
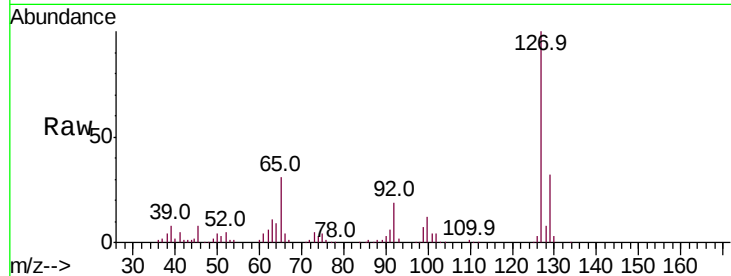
#33
4-Chloroaniline
Concen: 27.213 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.6	27.1	40.7
65	30.7	26.6	39.8
92	18.9	16.4	24.6

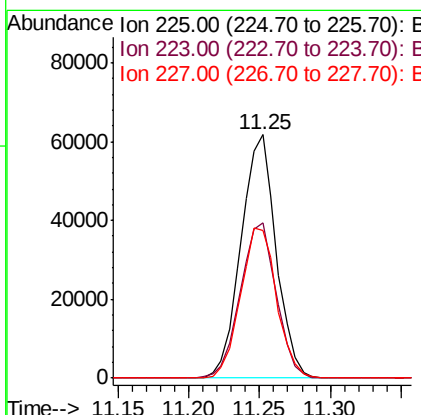
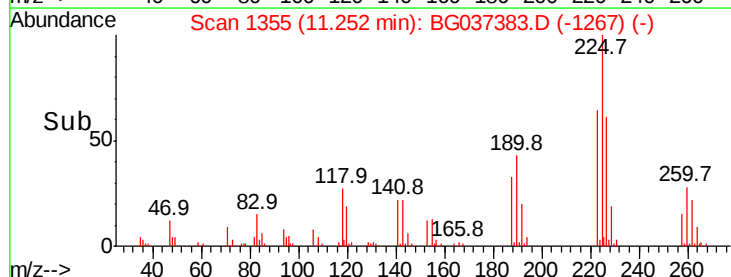
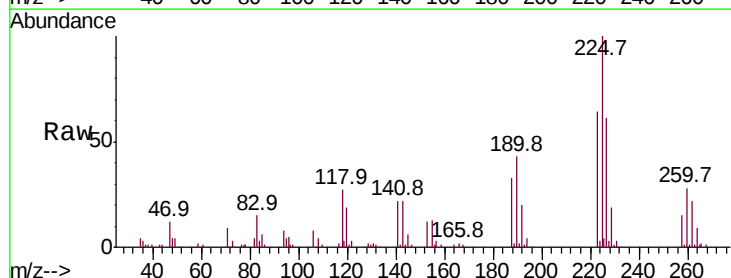
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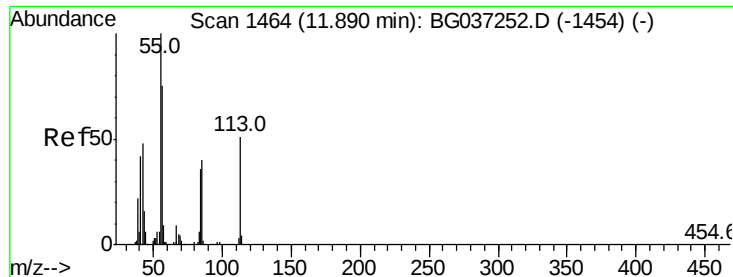
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#34
Hexachlorobutadiene
Concen: 36.235 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.0	48.2	72.4
227	61.2	51.6	77.4





#35

Caprolactam

Concen: 46.656 ng/ml

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

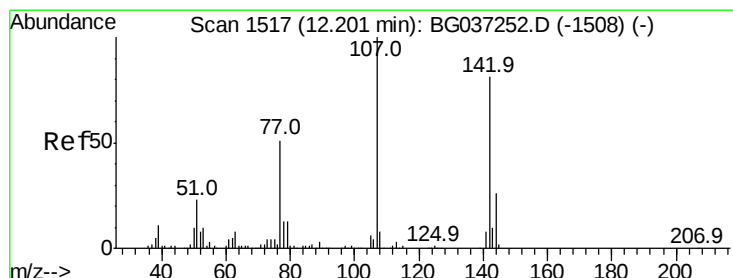
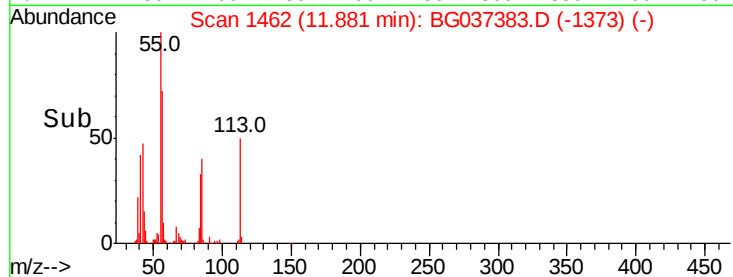
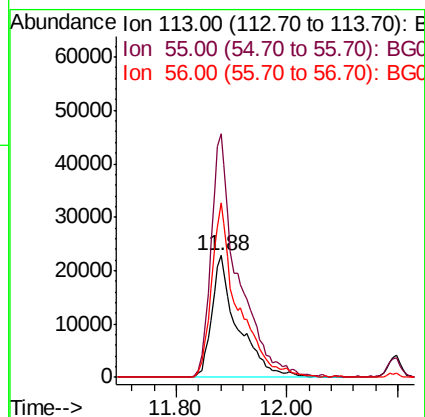
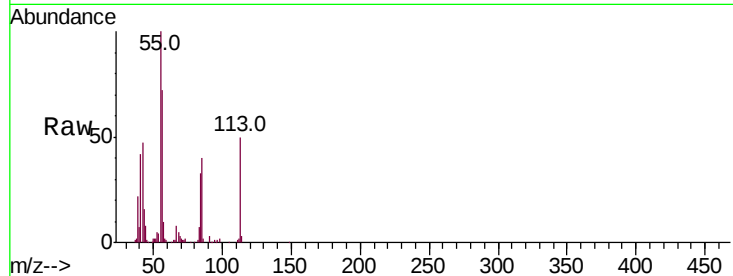
ClientSampleId :

PB113496BSD

Tot Ion:	113	Resp:	74555
Ion	Ratio	Lower	Upper
113	100		
55	200.2	176.6	216.6
56	143.3	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 47.095 ng/ml

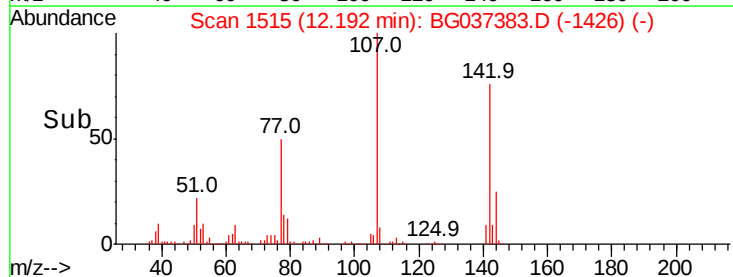
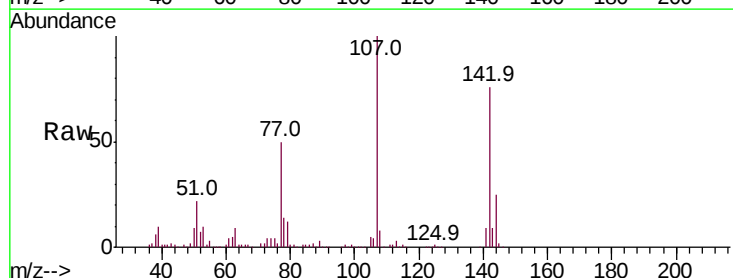
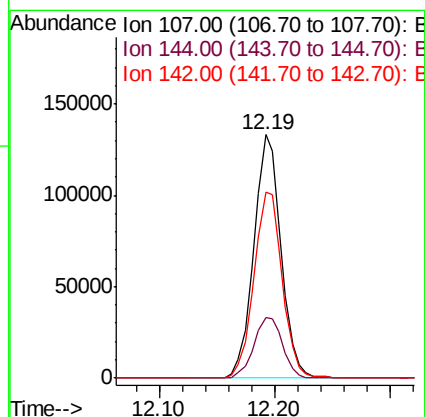
RT: 12.19 min Scan# 1515

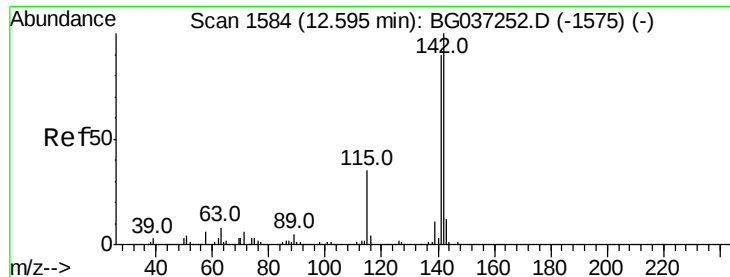
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	107	Resp:	218015
Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.7	31.1
142	76.4	64.4	96.6





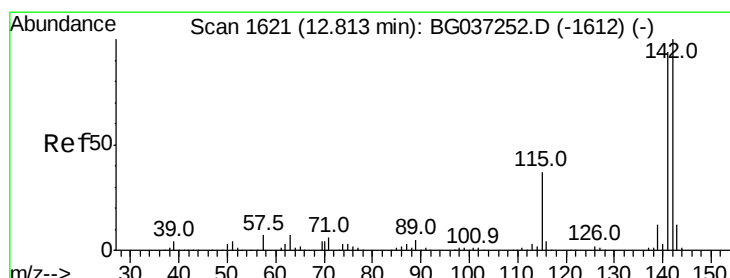
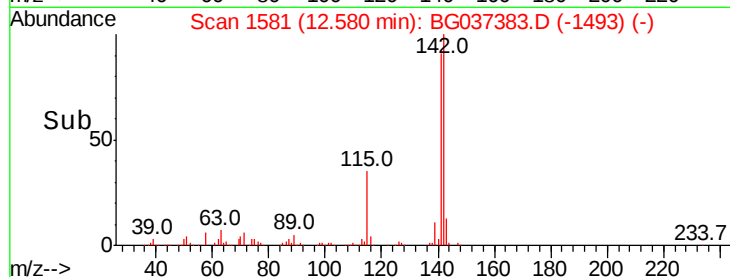
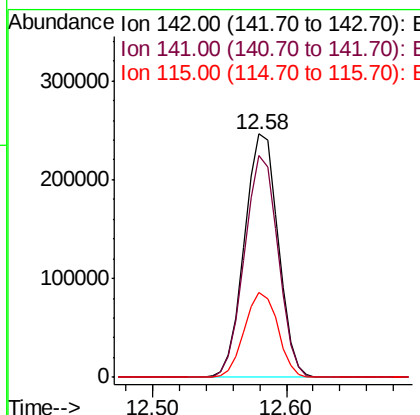
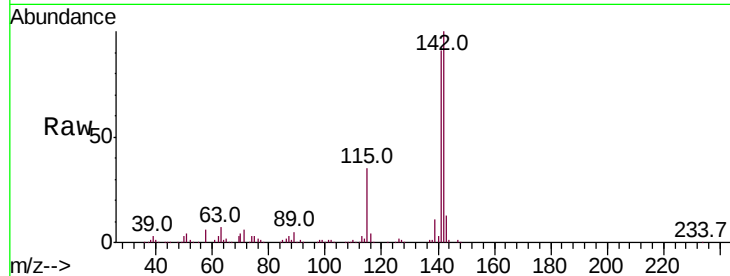
#37
2-Methylnaphthalene
Concen: 45.428 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	34.7	27.8	41.8

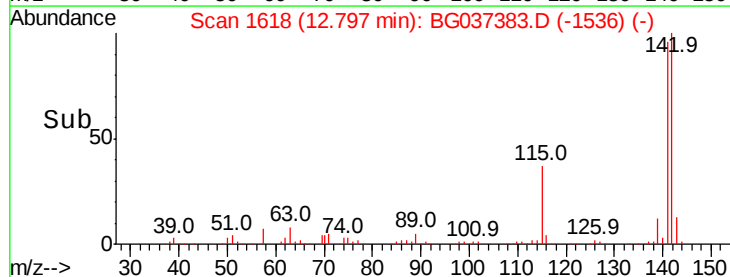
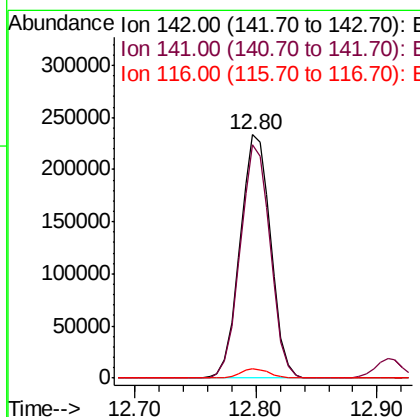
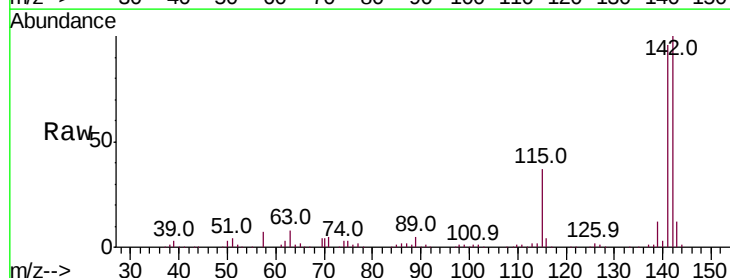
Manual Integrations
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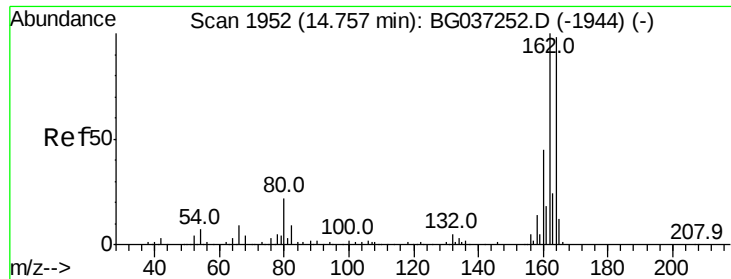
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#38
1-Methylnaphthalene
Concen: 44.654 ng
RT: 12.80 min Scan# 1618
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.2	112.8
116	3.9	3.3	4.9





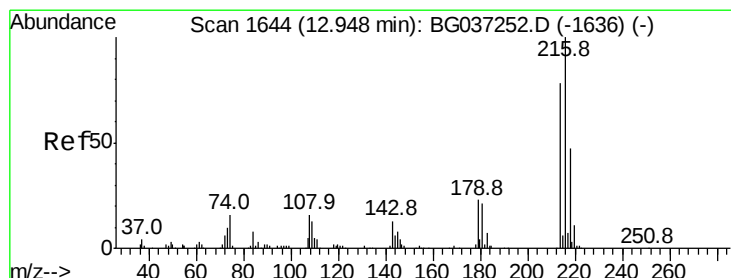
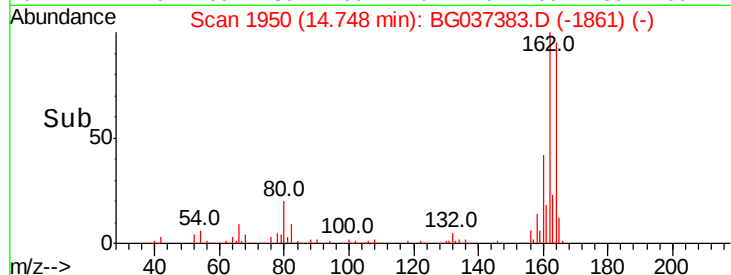
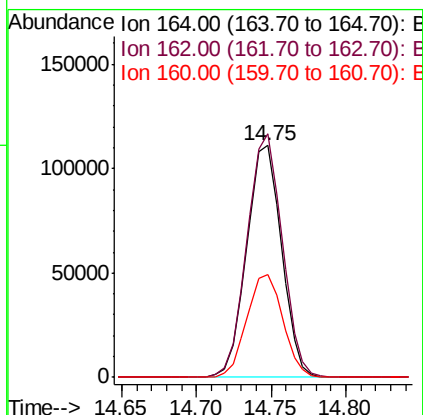
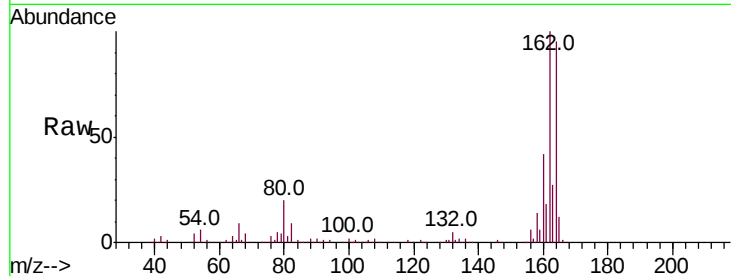
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	44.6	36.3	54.5

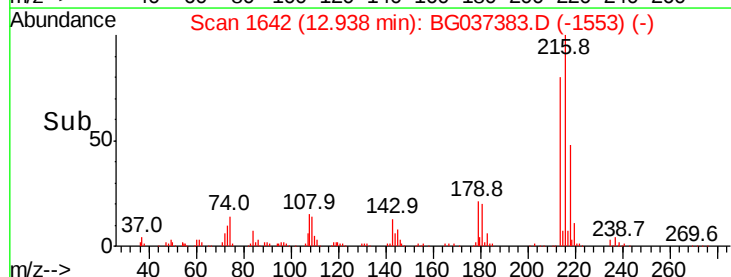
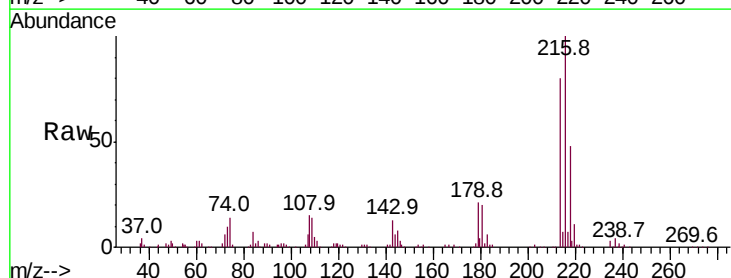
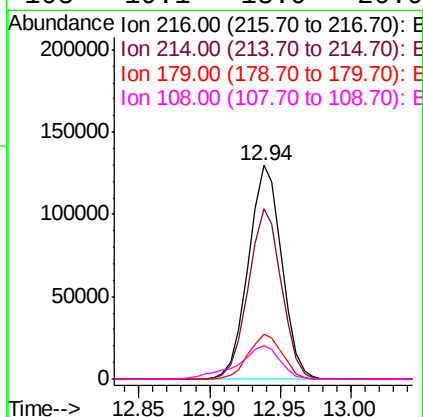
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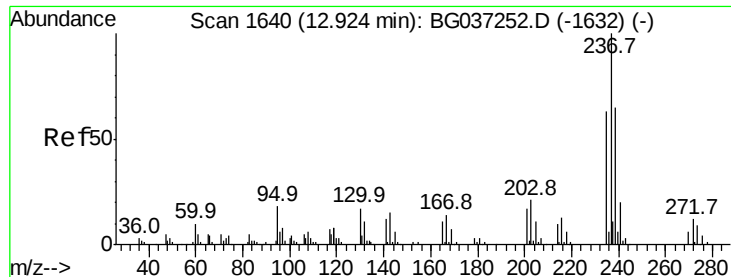
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.075 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	21.1	17.4	26.0
108	19.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 106.096 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

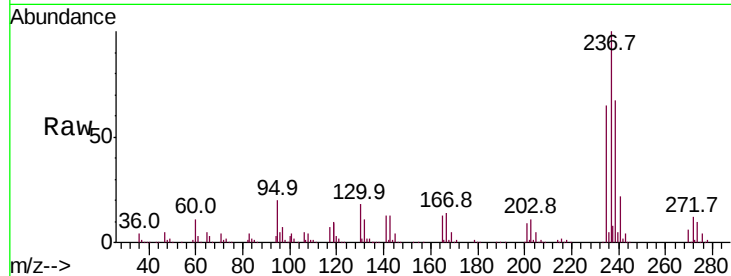
ClientSampleId :

PB113496BSD

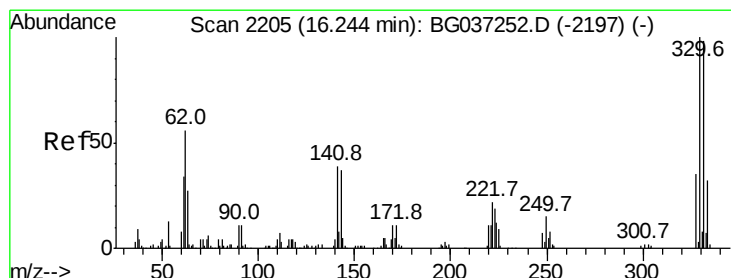
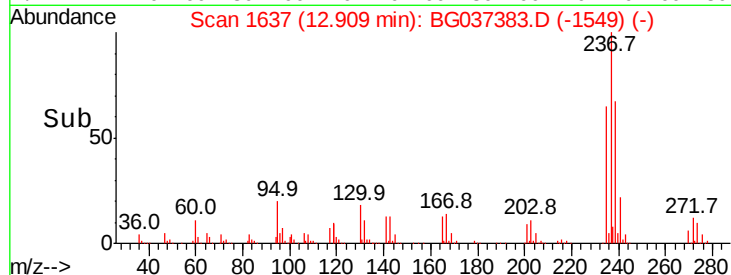
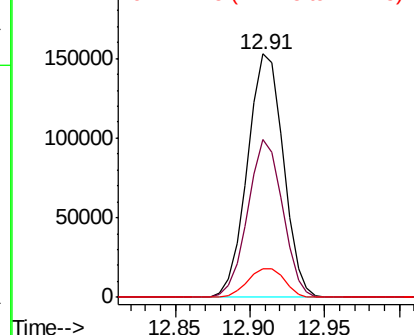
Tot Ion:	237	Resp:	253770
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.5	82.5
272	11.8	0.0	31.6

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: 146.750 ng

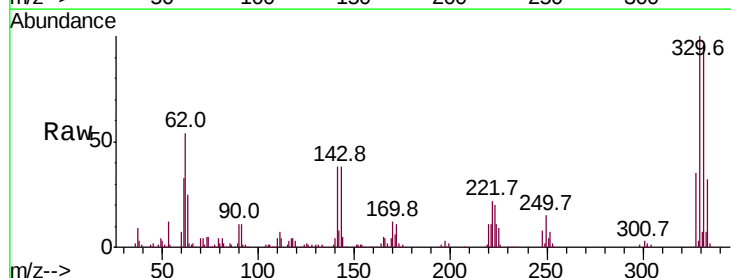
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

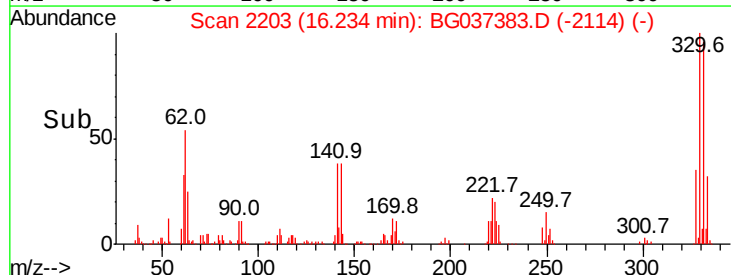
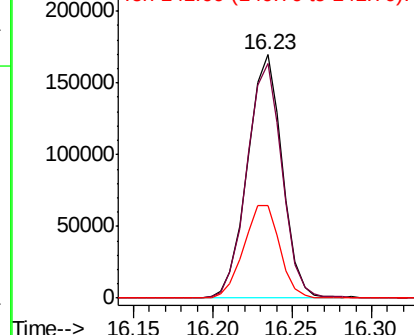
Lab File: BG037383.D

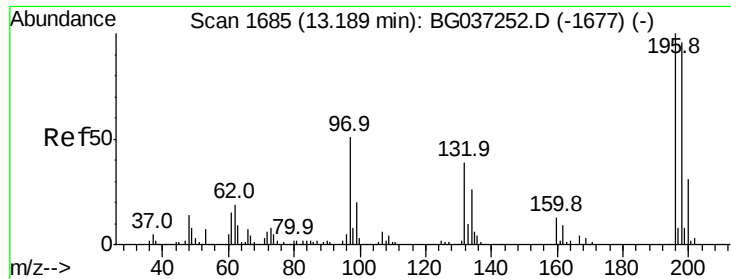
Acq: 17 Oct 2018 9:32

Tgt Ion:	330	Resp:	257851
Ion Ratio	Lower	Upper	
330	100		
332	98.0	78.4	117.6
141	39.8	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





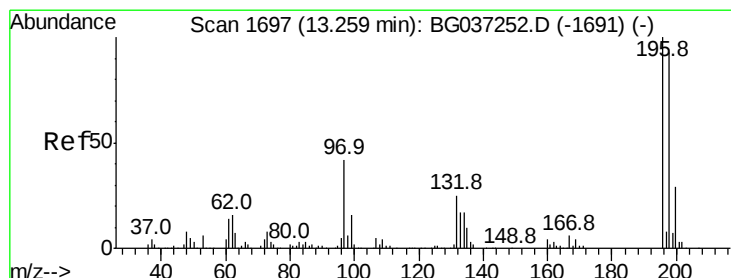
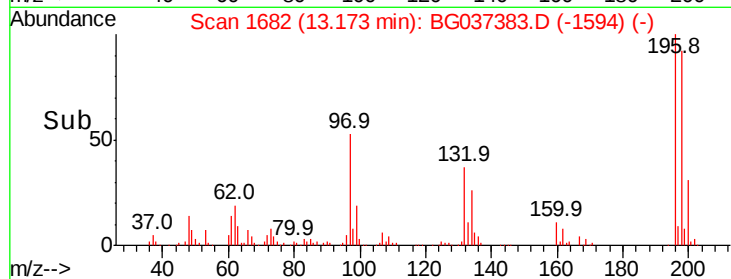
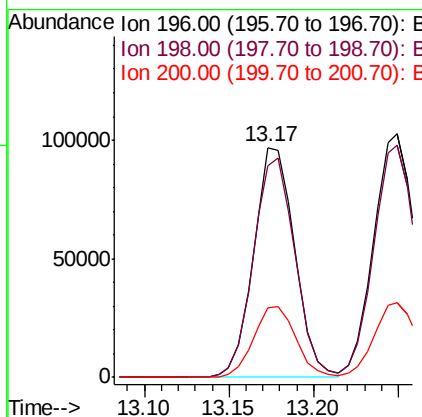
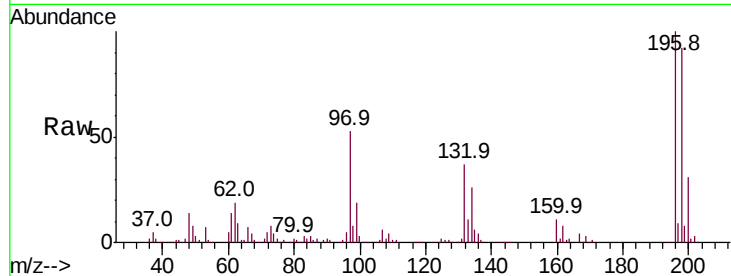
#43
 2,4,6-Trichlorophenol
 Concen: 48.685 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163866		
198	92.3	76.4	114.6	
200	30.5	24.9	37.3	

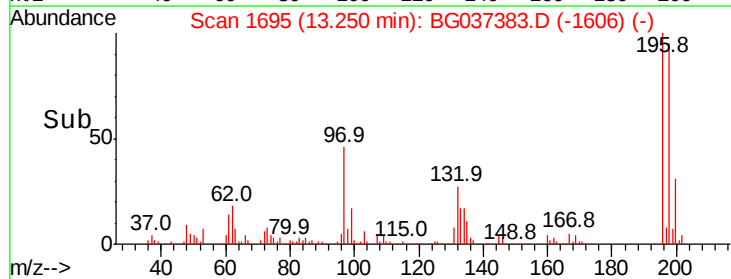
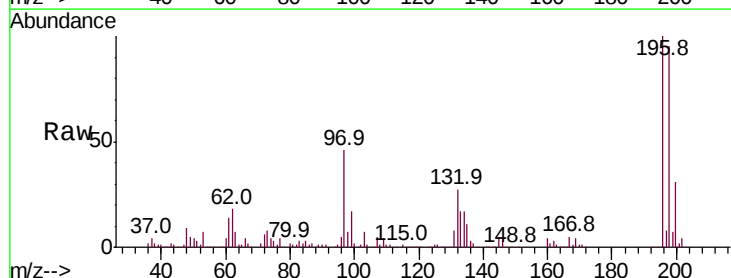
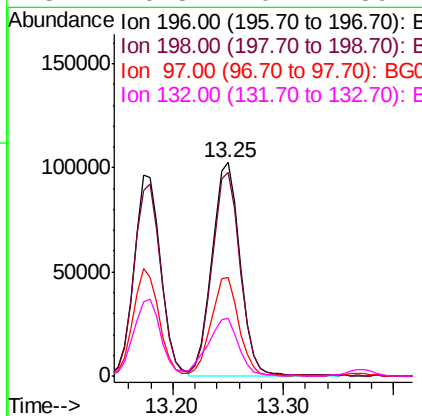
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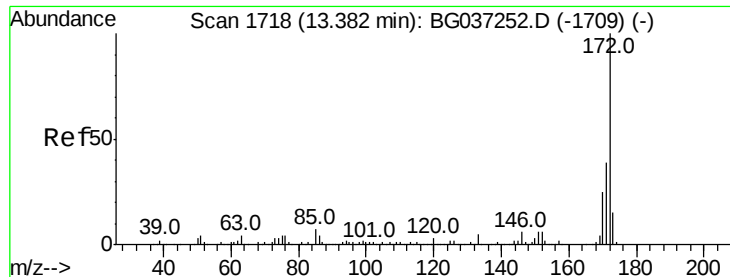
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#44
 2,4,5-Trichlorophenol
 Concen: 49.557 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179468		
198	95.2	74.2	111.2	
97	46.4	34.1	51.1	
132	26.8	20.2	30.4	





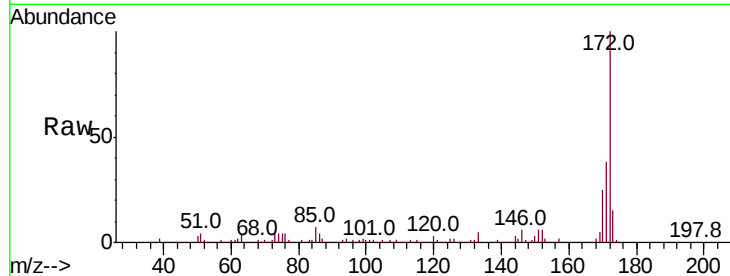
#45
2-Fluorobiphenyl
Concen: 82.286 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

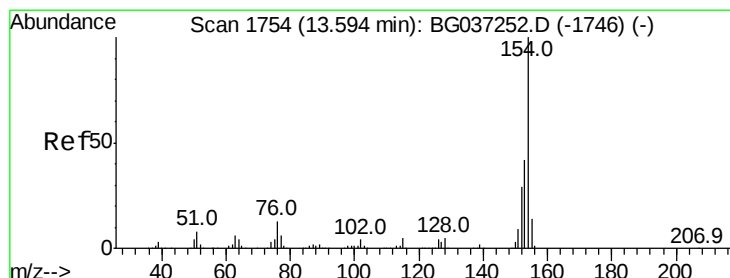
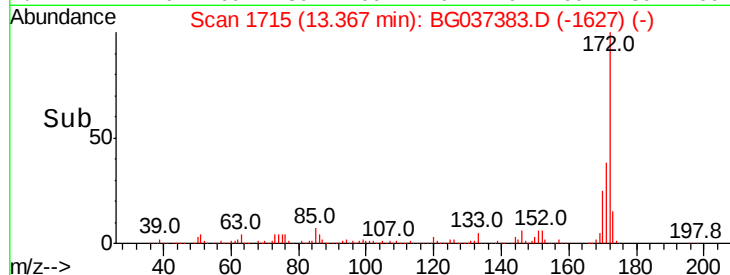
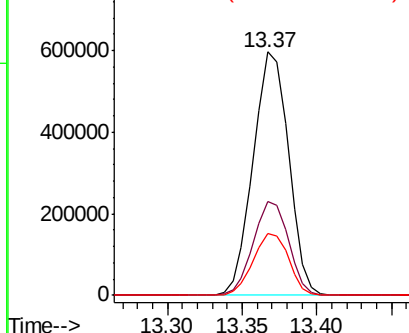
Tot Ion	Ratio	Resp	Lower	Upper
172	100	981680		
171	38.3		31.0	46.4
170	25.2		20.2	30.2

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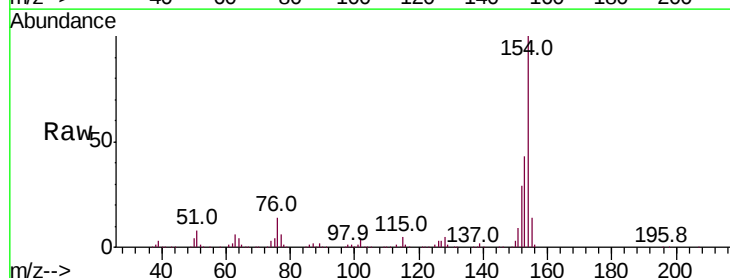


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

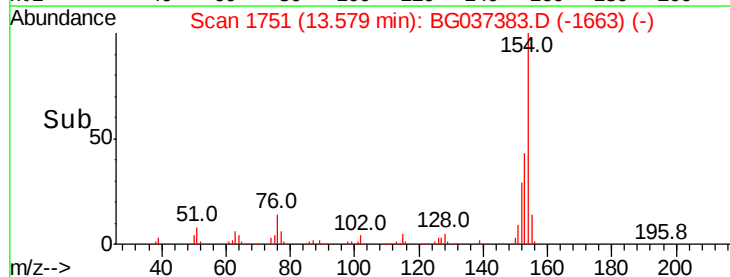
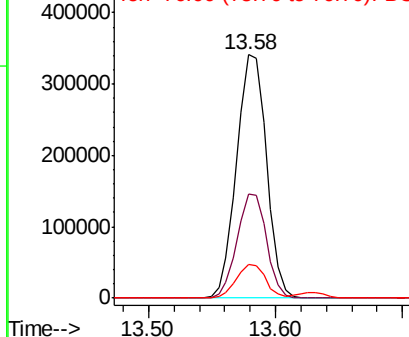


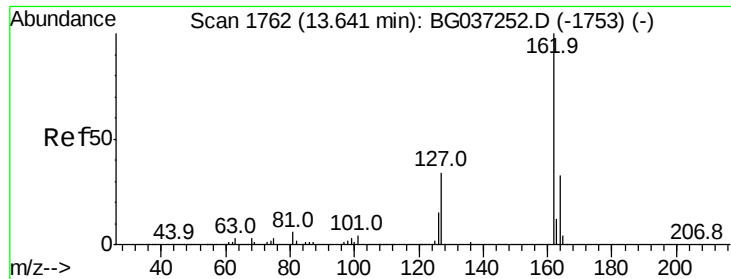
#46
1,1'-Biphenyl
Concen: 37.866 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	558079		
153	42.6		22.1	62.1
76	13.7		0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 39.572 ng

RT: 13.63 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

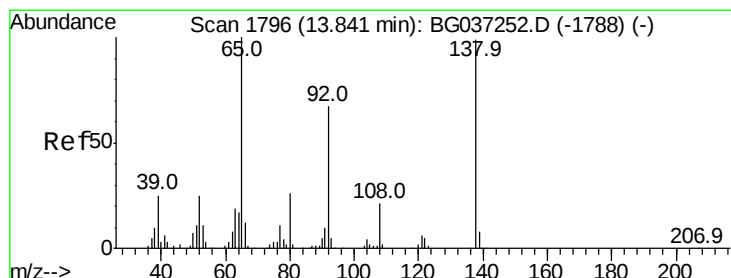
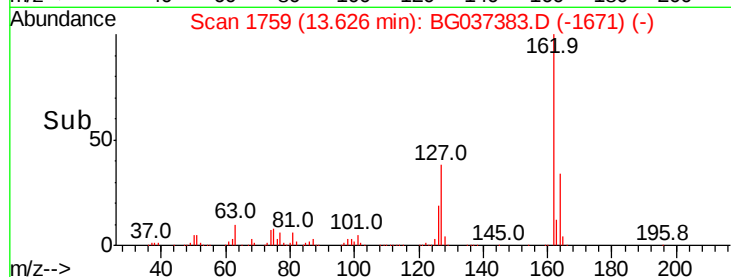
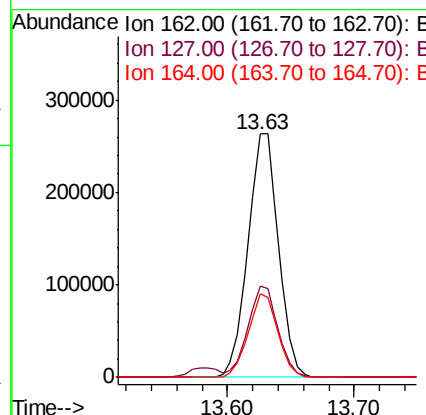
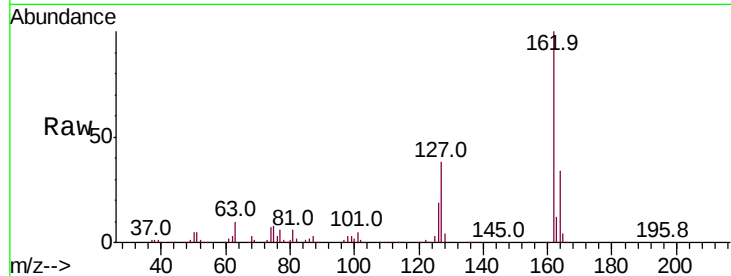
ClientSampleId :

PB113496BSD

Tot Ion:	162	Resp:	440529
Ion Ratio	Lower	Upper	
162	100		
127	37.5	30.5	45.7
164	34.3	26.4	39.6

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#48

2-Nitroaniline

Concen: 48.302 ng

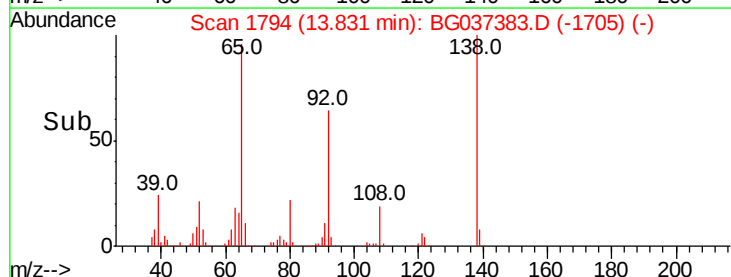
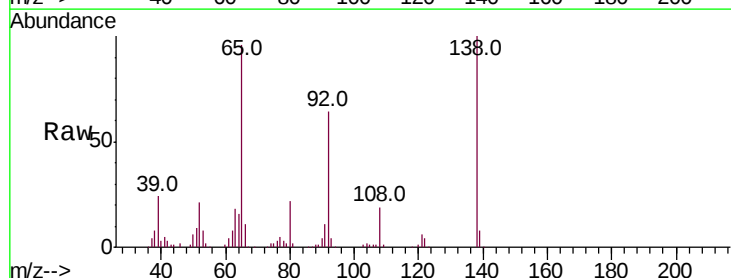
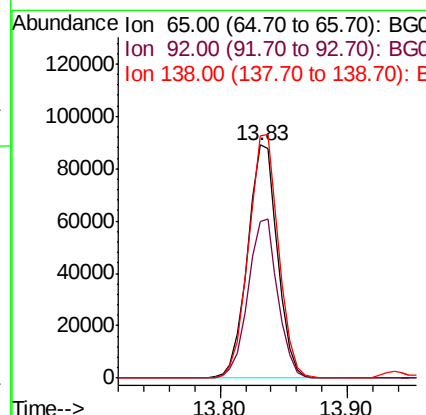
RT: 13.83 min Scan# 1794

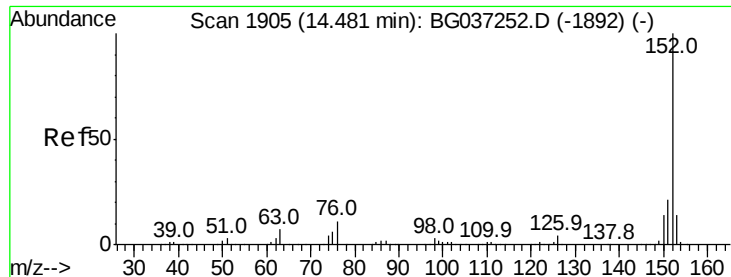
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	65	Resp:	145815
Ion Ratio	Lower	Upper	
65	100		
92	67.1	53.2	79.8
138	104.3	79.3	118.9





#49

Acenaphthylene

Concen: 43.056 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

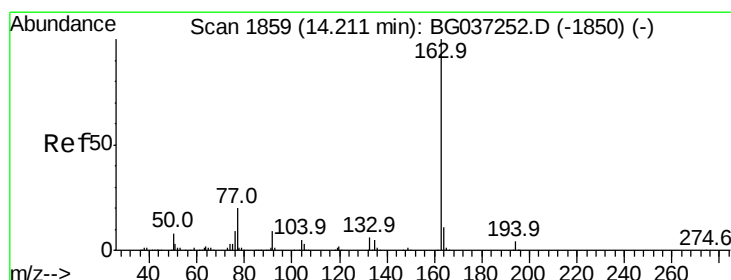
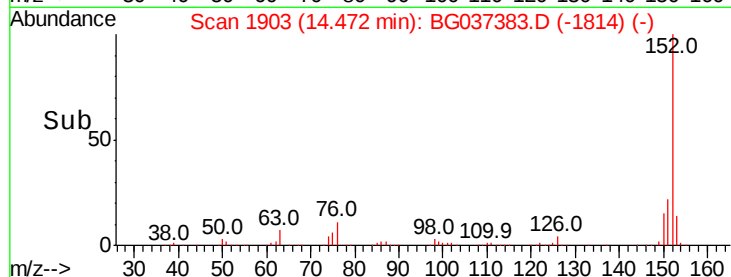
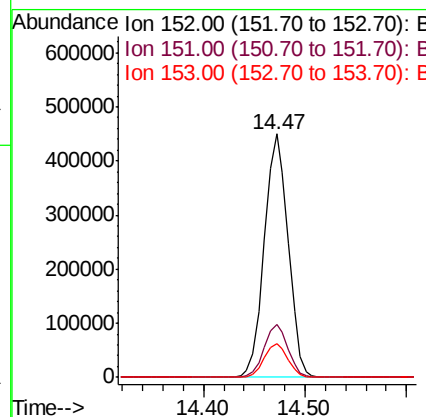
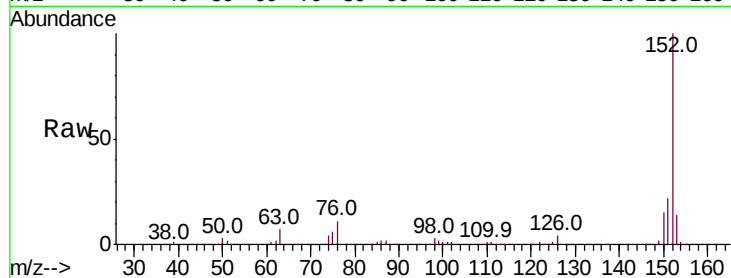
ClientSampleId :

PB113496BSD

Tot Ion:	152	Resp:	733234
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	13.6	11.1	16.7

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#50

Dimethylphthalate

Concen: 41.848 ng

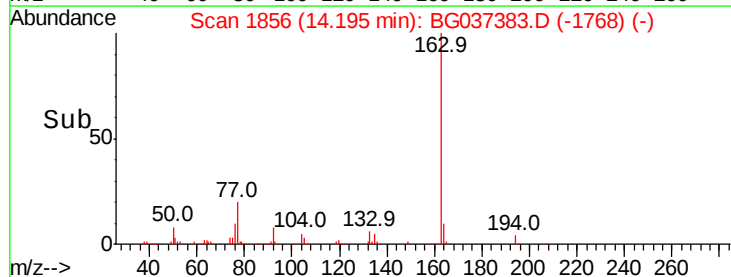
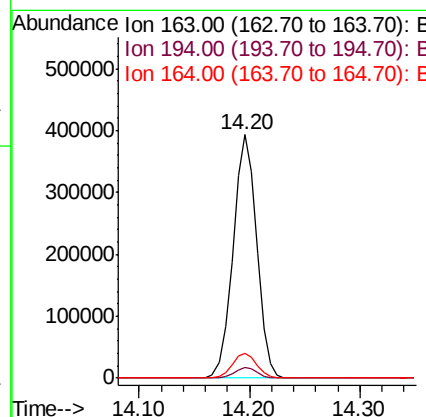
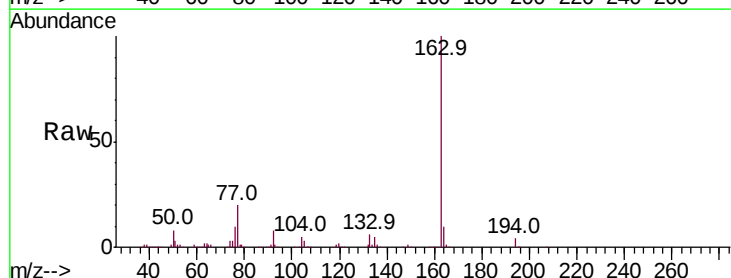
RT: 14.20 min Scan# 1856

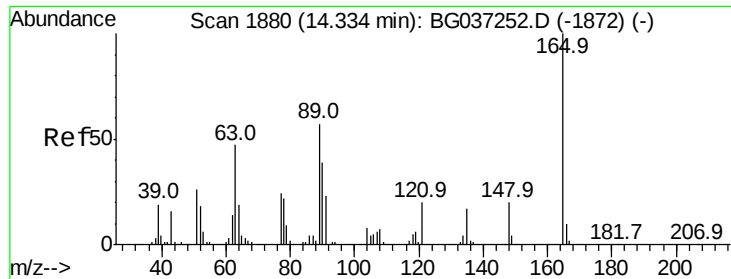
Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	163	Resp:	589213
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





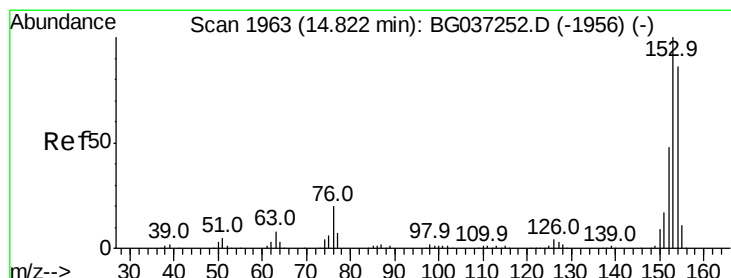
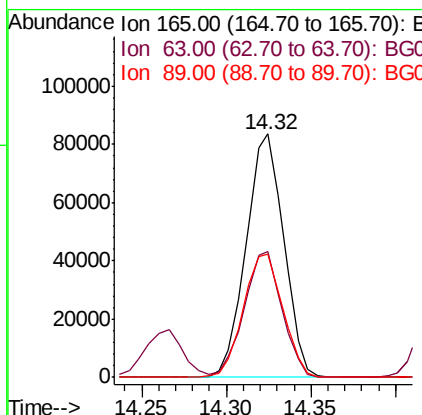
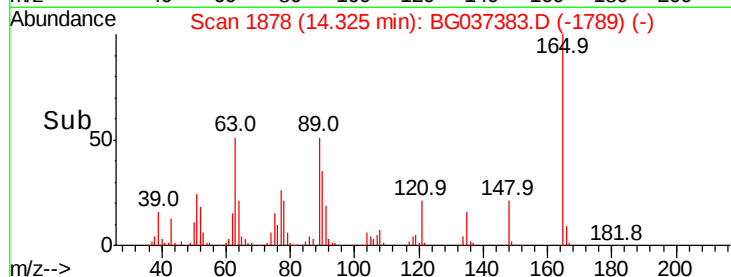
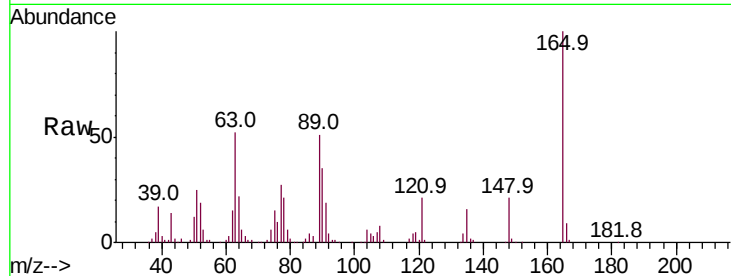
#51
 2,6-Dinitrotoluene
 Concen: 47.419 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.7	43.4	65.2
89	50.8	45.8	68.6

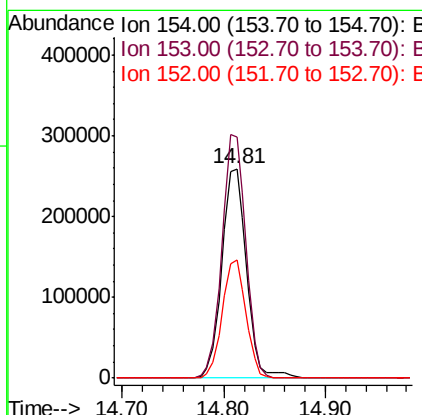
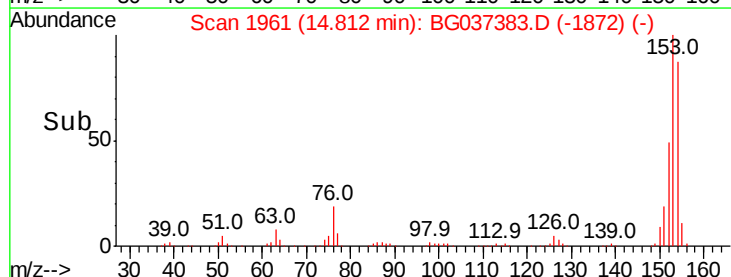
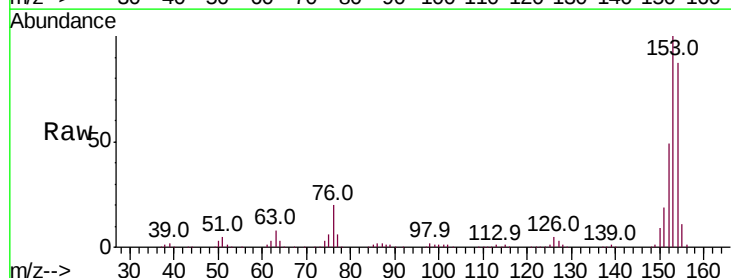
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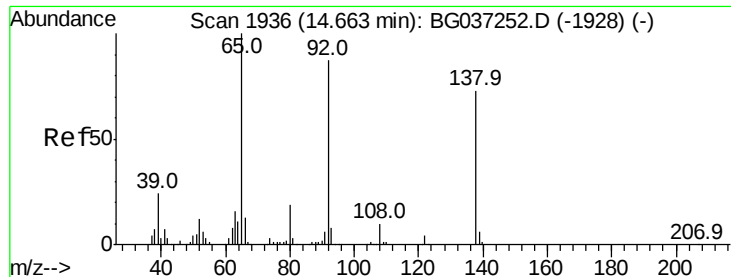
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#52
 Acenaphthene
 Concen: 41.519 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.9	93.4	140.0
152	56.6	44.7	67.1





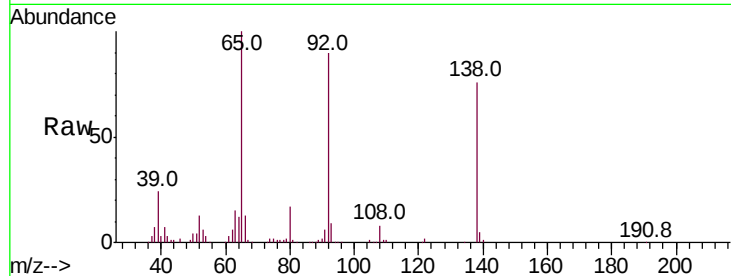
#53
3-Nitroaniline
Concen: 39.218 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

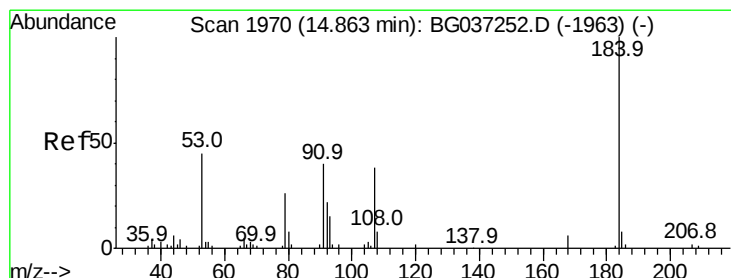
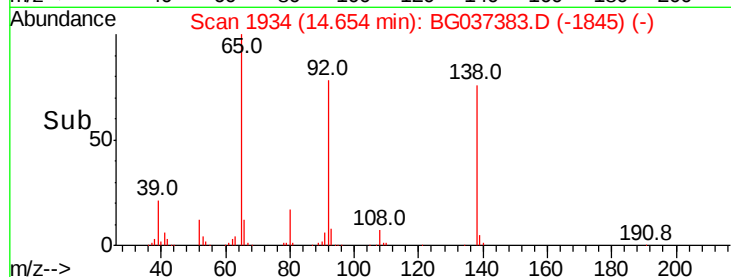
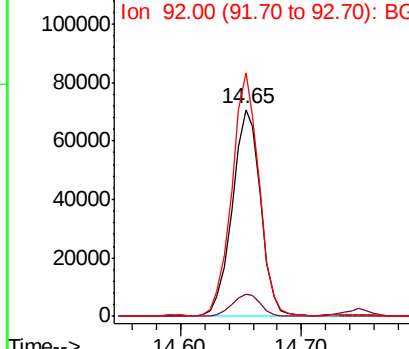
Tot Ion:138 Resp: 115532
Ion Ratio Lower Upper
138 100
108 10.5 11.0 16.6#
92 117.6 95.2 142.8

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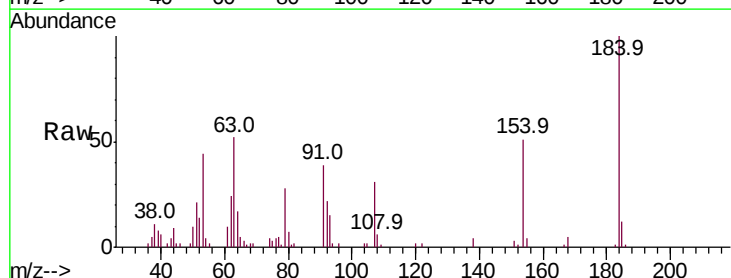


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

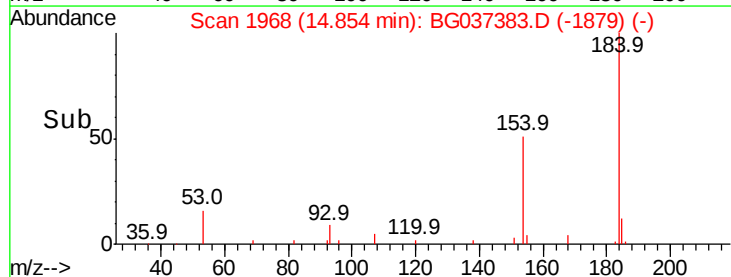
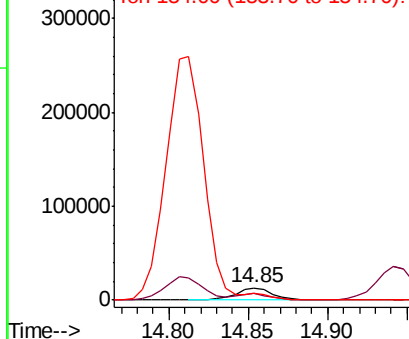


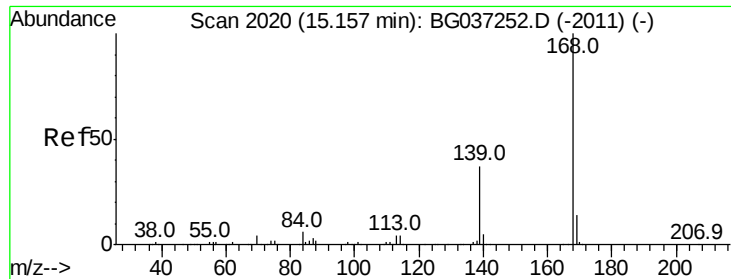
#54
2,4-Dinitrophenol
Concen: 30.196 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:184 Resp: 21274
Ion Ratio Lower Upper
184 100
63 52.1 42.6 63.8
154 50.8 41.8 62.6



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





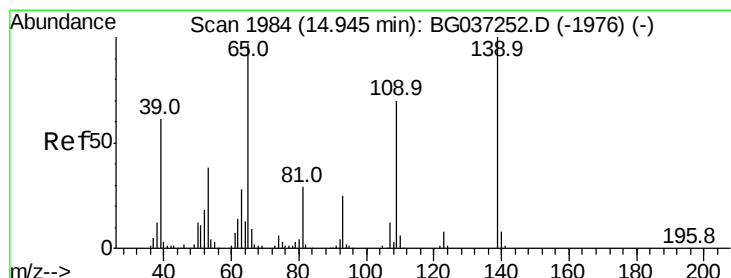
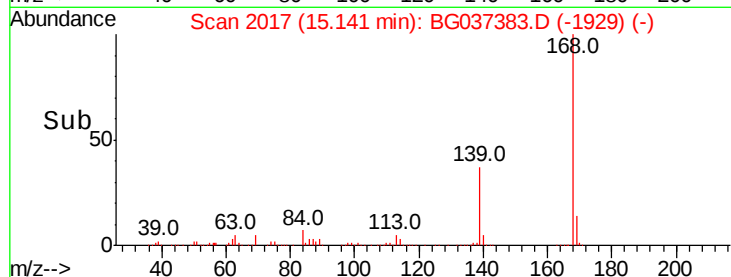
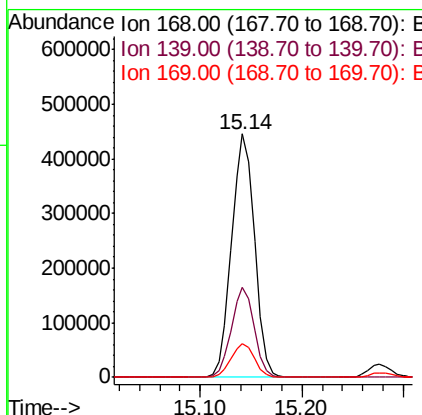
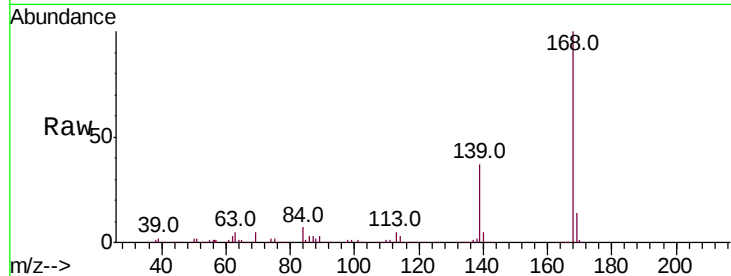
#55
Dibenzenofuran
Concen: 40.900 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	14.1	11.0	16.6

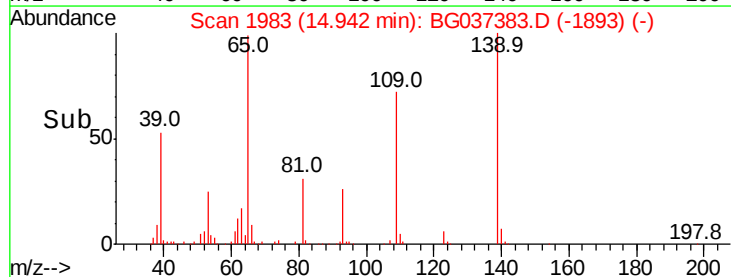
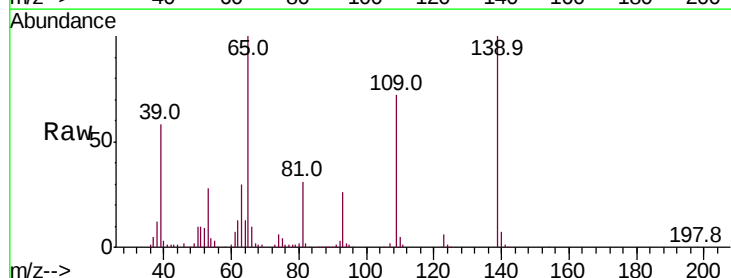
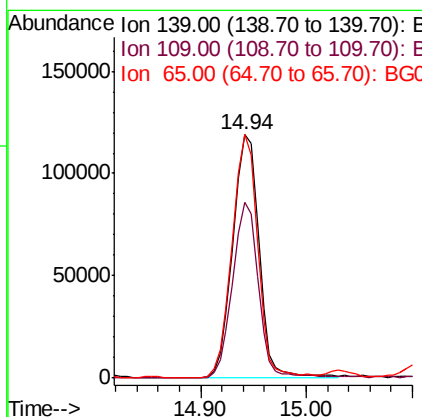
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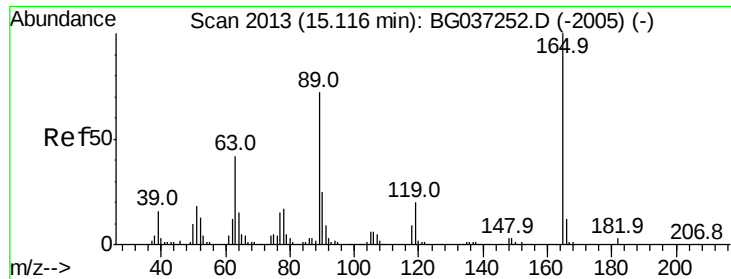
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#56
4-Nitrophenol
Concen: 89.721 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	49.5	89.5
65	100.0	76.8	116.8





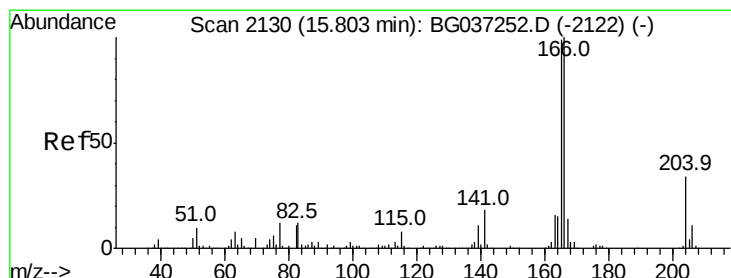
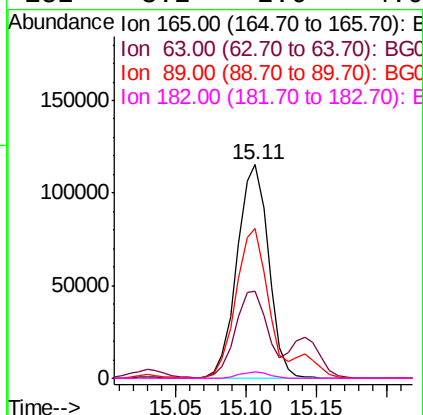
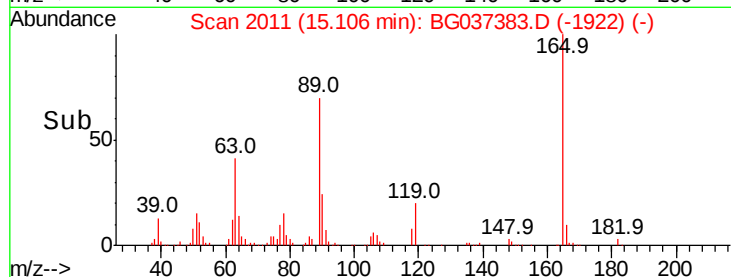
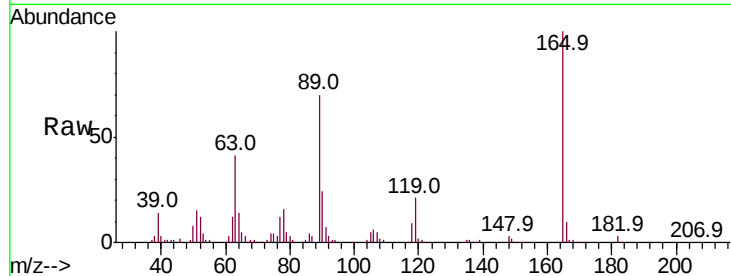
#57
2,4-Dinitrotoluene
Concen: 51.516 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179842		
63	40.9	33.4	50.0	
89	70.0	57.2	85.8	
182	3.2	2.6	4.0	

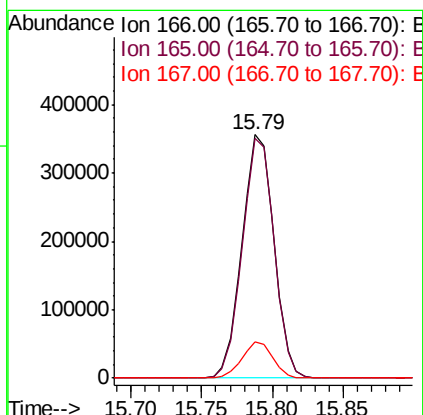
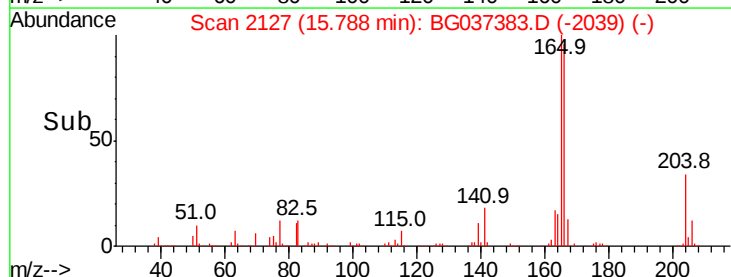
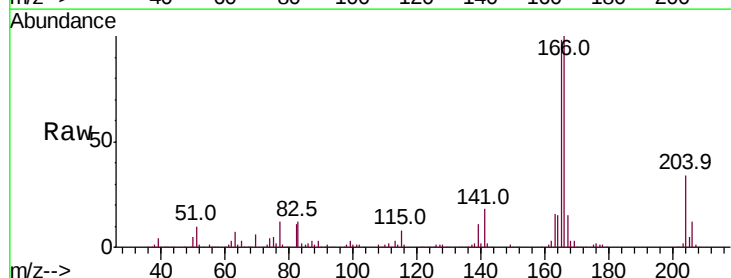
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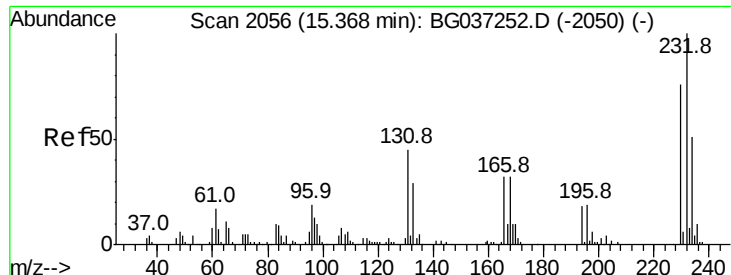
Sohil
10/17/2018 4:32:42 PM



#58
Fluorene
Concen: 43.740 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	564640		
165	98.5	79.0	118.6	
167	14.7	11.3	16.9	





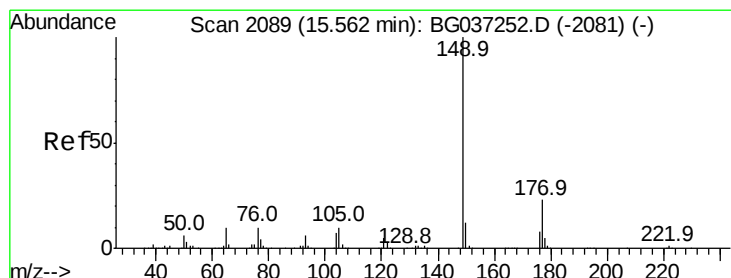
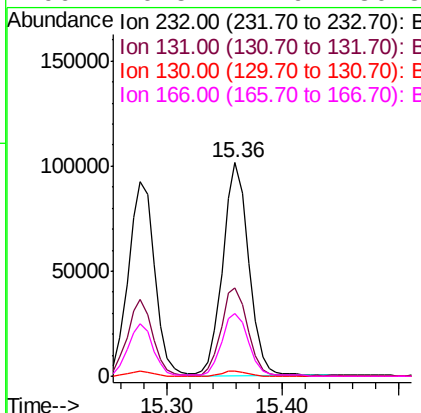
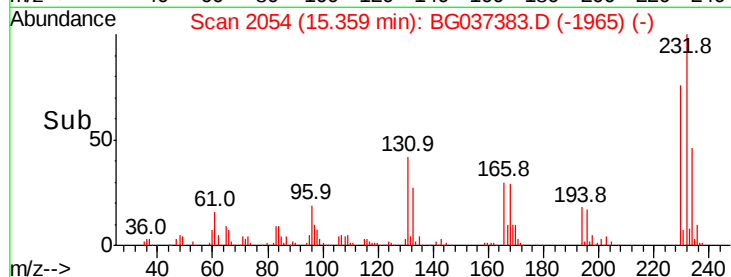
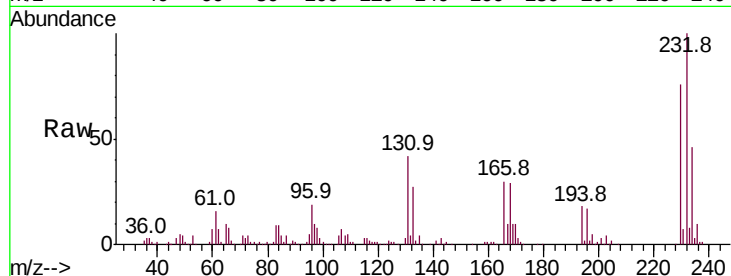
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.638 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159152		
131	42.0		33.7	50.5
130	2.5		2.1	3.1
166	29.5		24.6	36.8

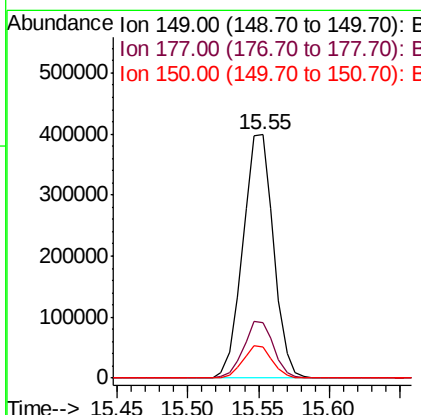
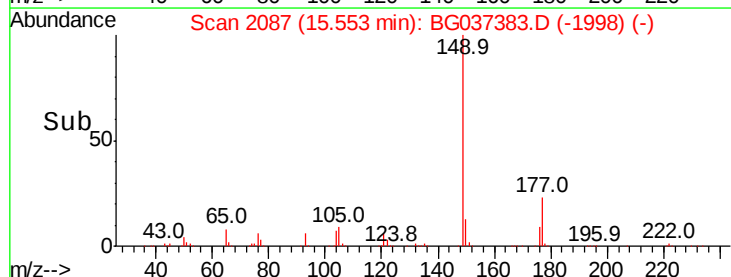
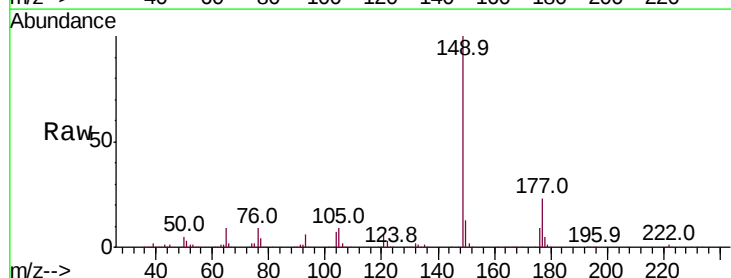
Manual Integrations
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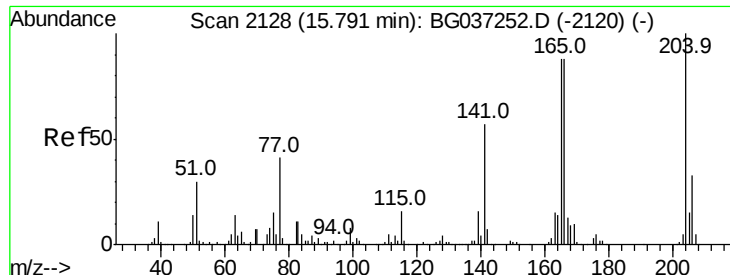
Sohil
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#60
 Diethylphthalate
 Concen: 41.521 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	605864		
177	22.8		18.3	27.5
150	13.0		10.0	15.0





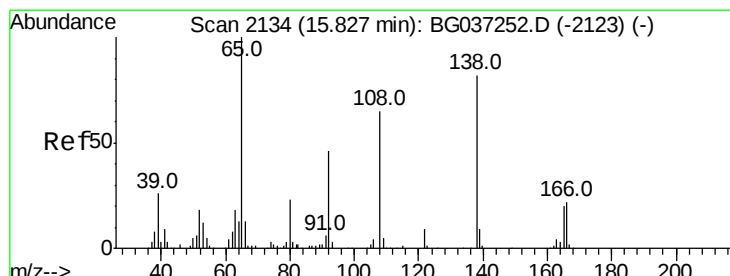
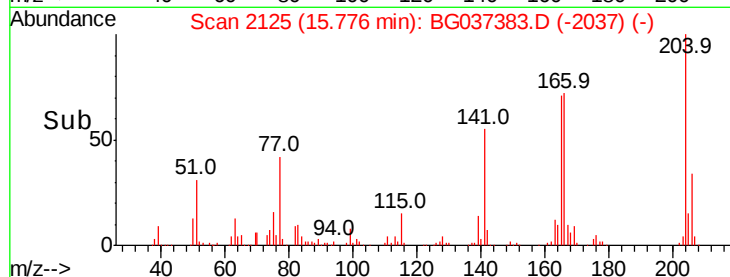
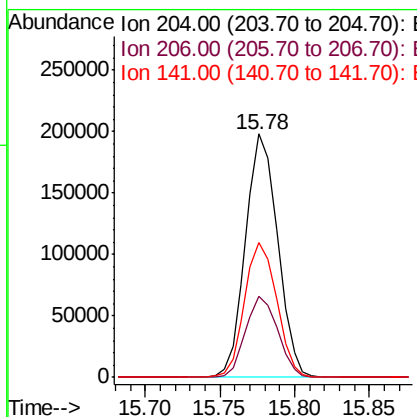
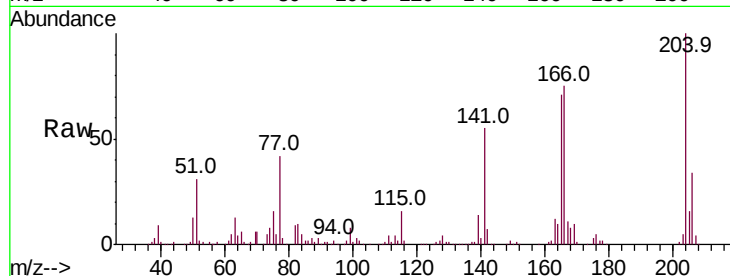
#61
 4-Chlorophenyl-phenylether
 Concen: 39.038 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion:	204	Resp:	294568
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.6	39.8
141	55.3	45.4	68.2

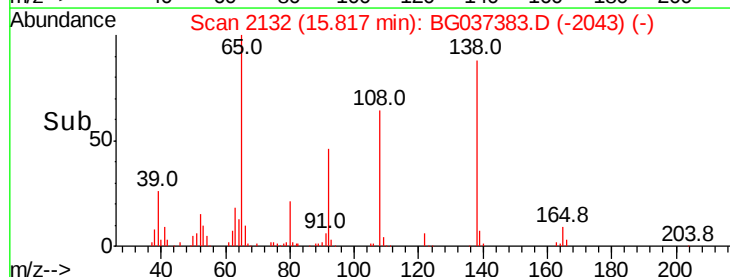
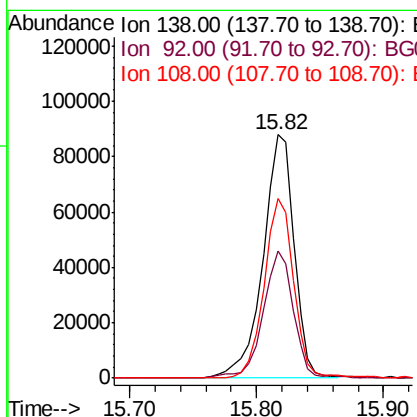
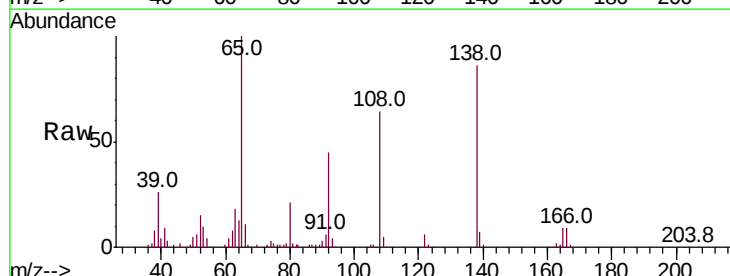
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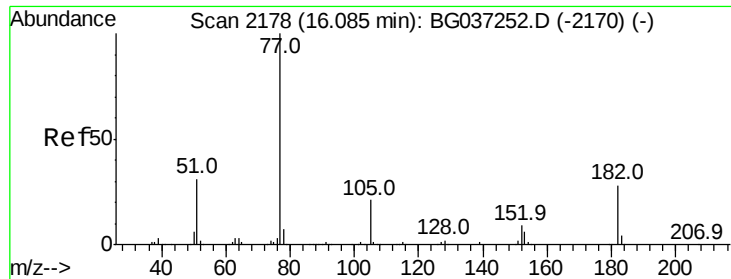
Sohil
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#62
 4-Nitroaniline
 Concen: 48.418 ng
 RT: 15.82 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion:	138	Resp:	149710
Ion Ratio	Lower	Upper	
138	100		
92	52.4	36.4	76.4
108	73.8	60.1	100.1





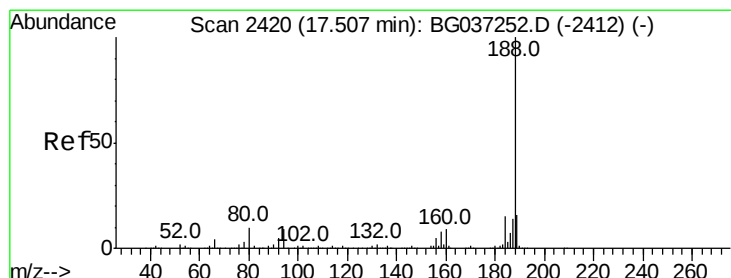
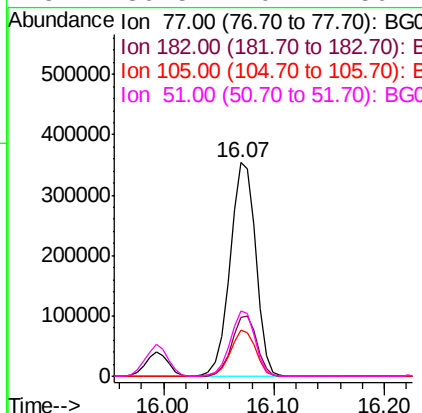
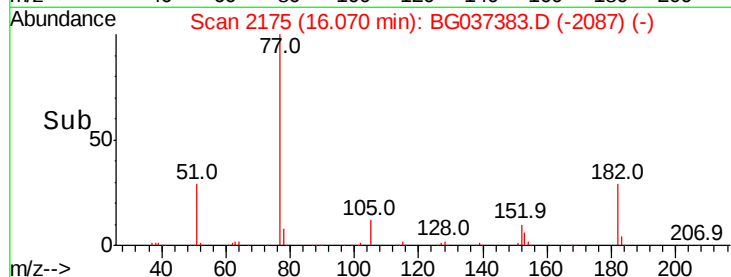
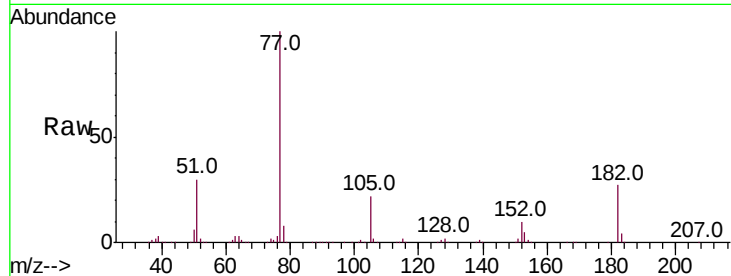
#63
Azobenzene
Concen: 41.164 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.4	8.0	48.0	
105	21.7	1.3	41.3	
51	30.5	10.7	50.7	

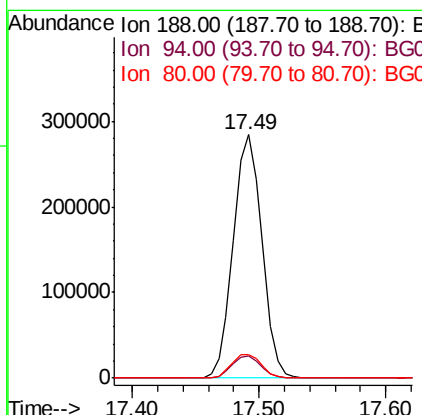
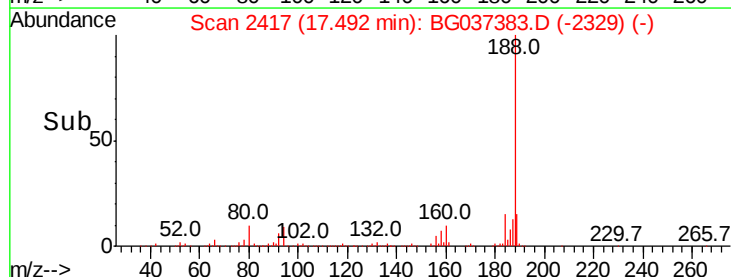
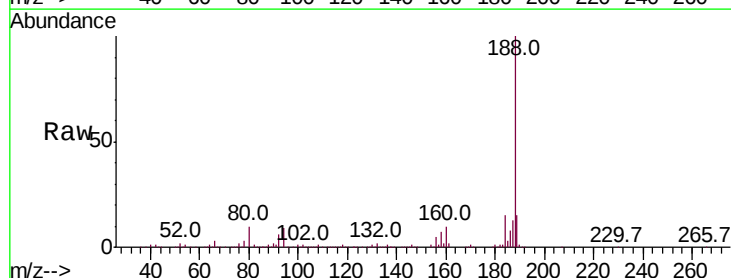
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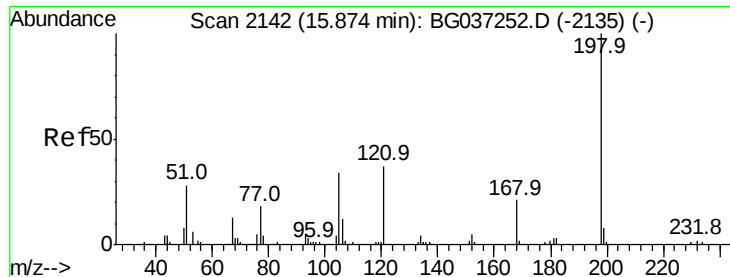
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	7.2	10.8	
80	9.9	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 26.038 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:198 Resp: 31938

Ion Ratio Lower Upper

198 100

51 38.6 22.7 62.7

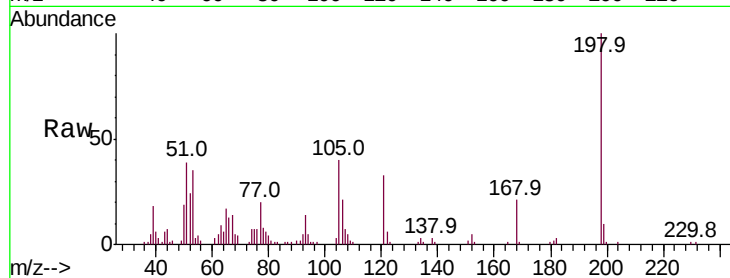
105 40.0 19.7 59.7

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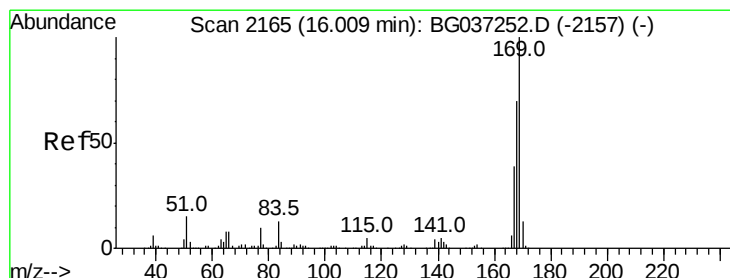
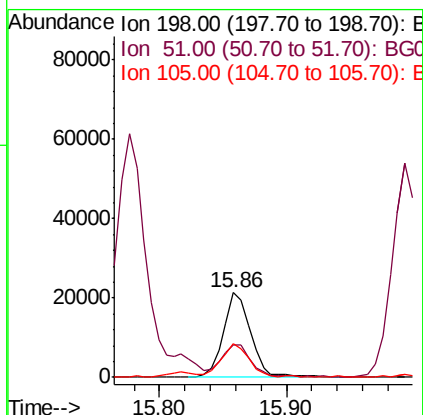
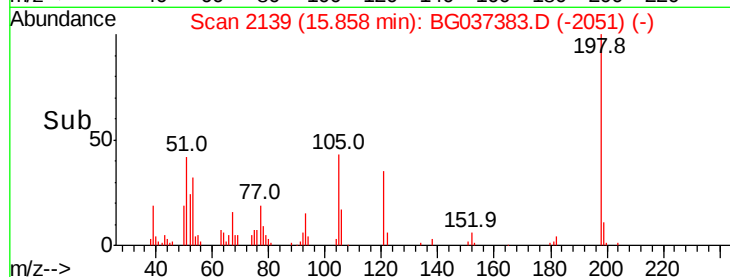
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.058 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

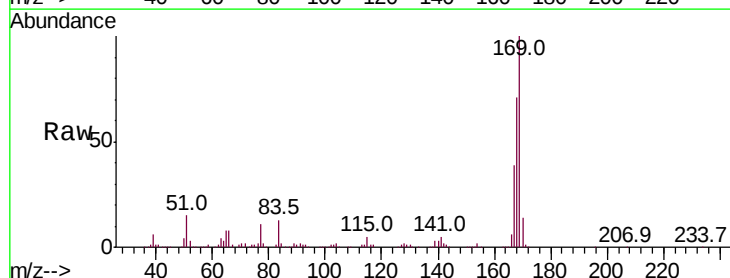
Tgt Ion:169 Resp: 523415

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

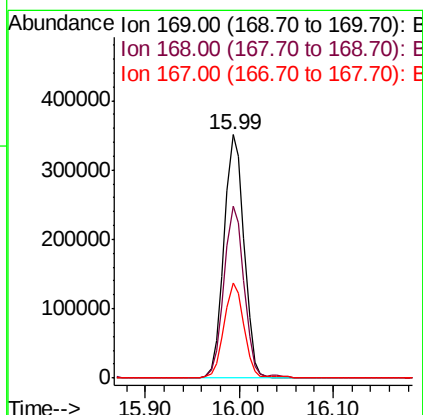
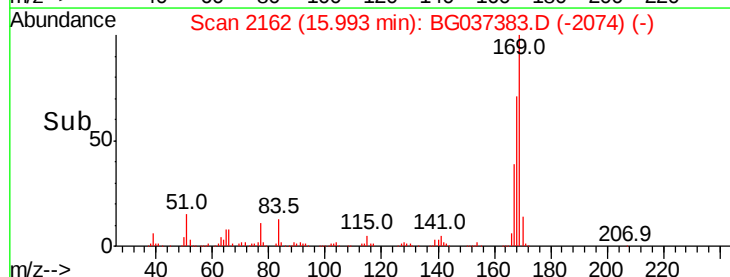
167 39.1 31.3 46.9

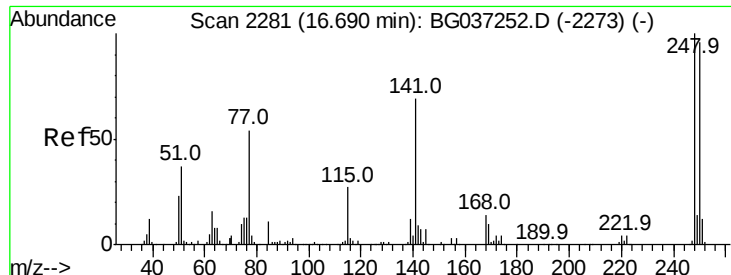


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





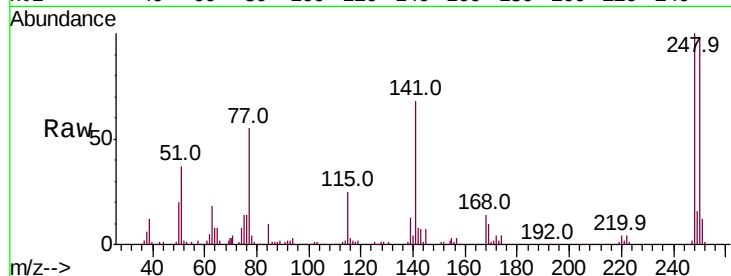
#67
 4-Bromophenyl-phenylether
 Concen: 39.239 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	68.2	55.5	83.3

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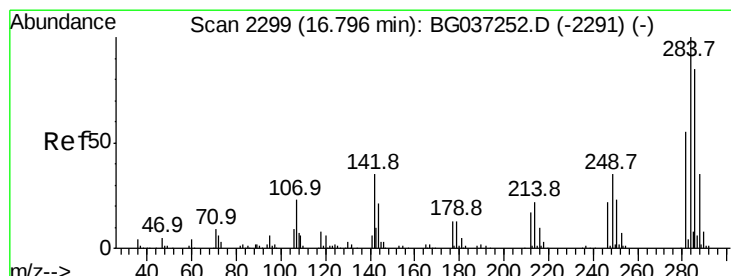
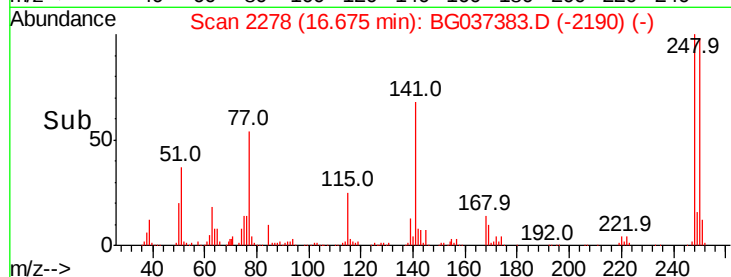
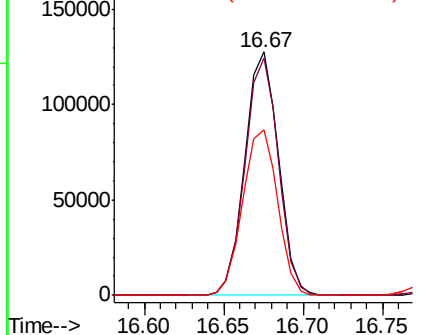


Abundance

Ion 248.00 (247.70 to 248.70): E

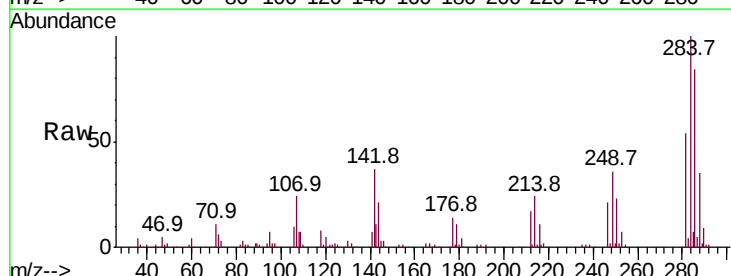
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.508 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.1	42.1
249	37.9	29.8	44.8

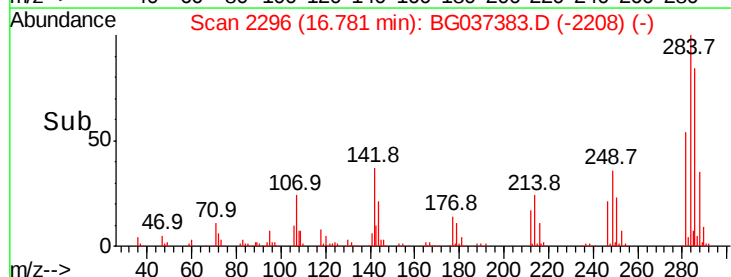
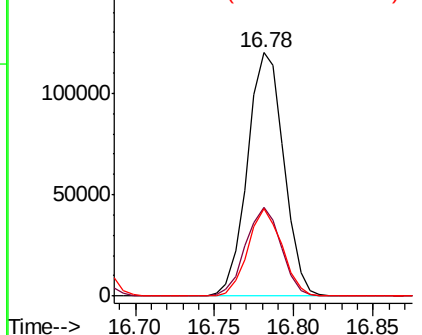


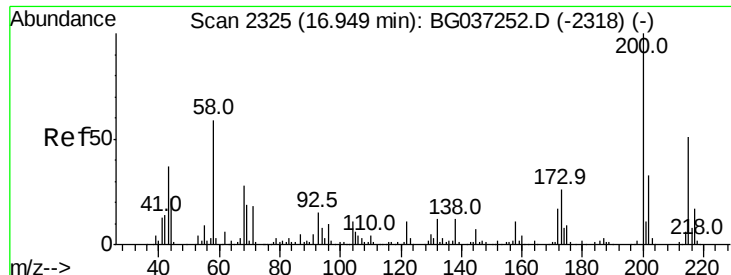
Abundance

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





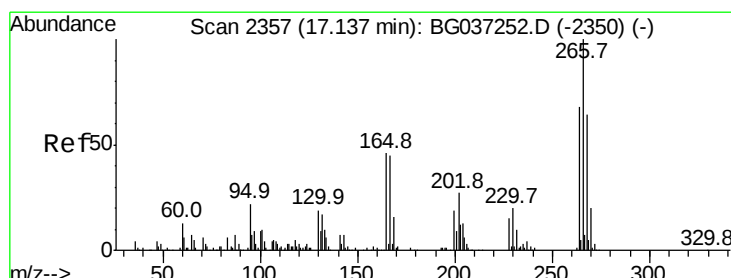
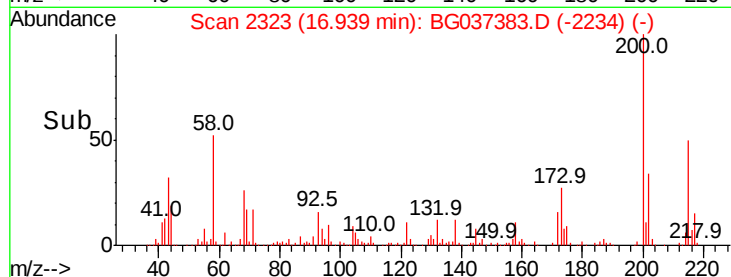
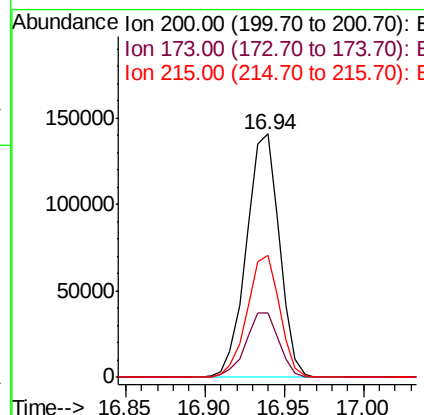
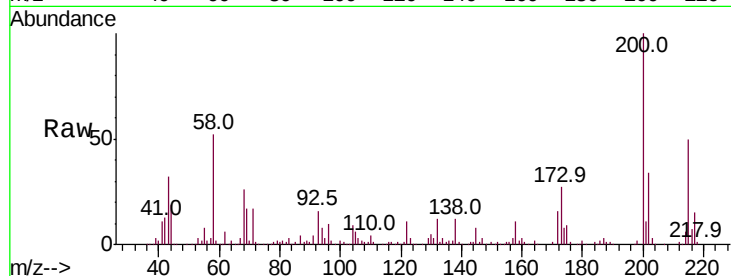
#69
Atrazine
Concen: 41.806 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.1	46.1
215	50.0	30.8	70.8

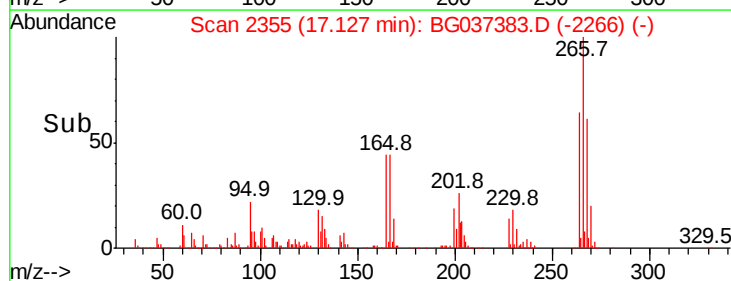
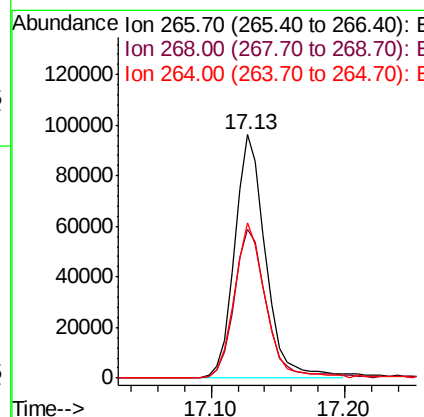
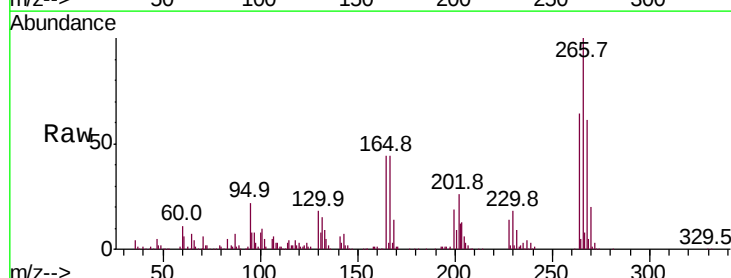
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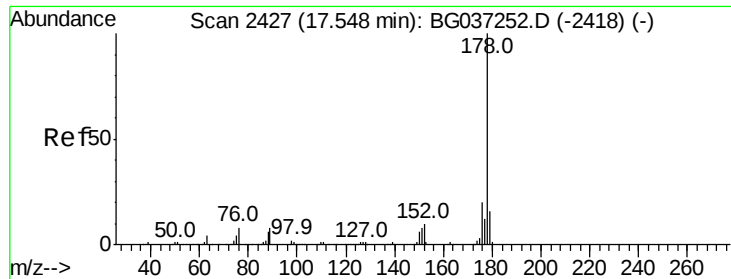
Sohil
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#70
Pentachlorophenol
Concen: 48.475 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	55.0	82.6
264	69.2	58.9	88.3





#71

Phenanthrene

Concen: 42.103 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

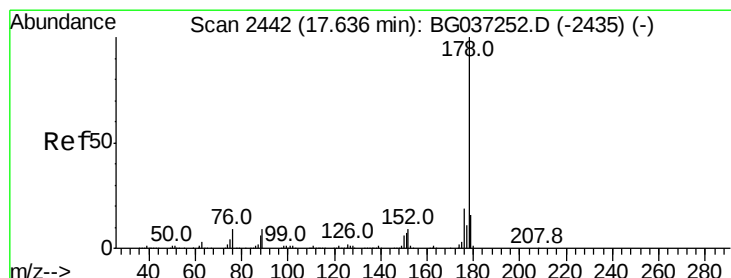
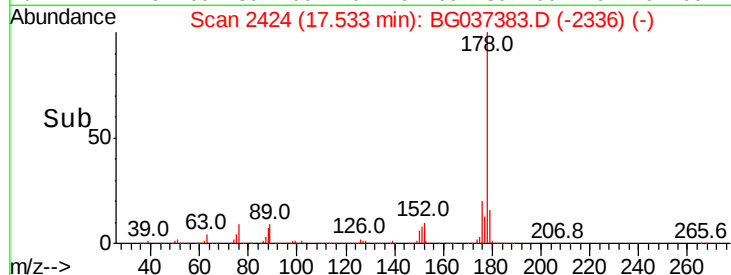
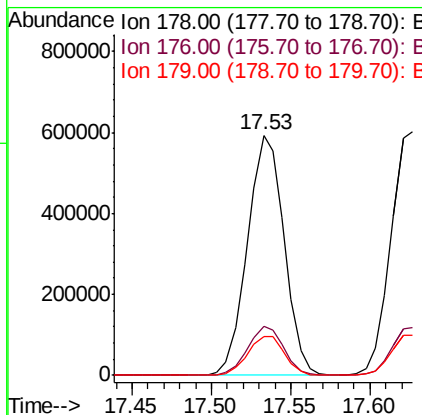
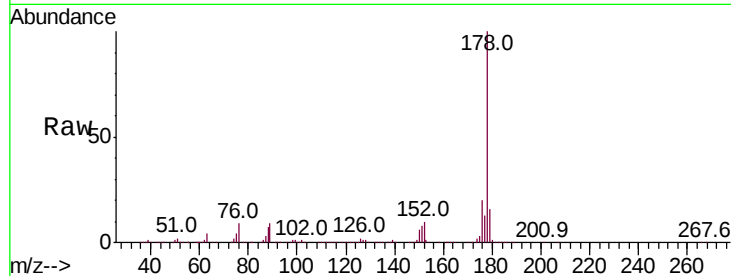
ClientSampleId :

PB113496BSD

Tot Ion:178	Resp:	953594
Ion Ratio	Lower	Upper
178	100	
176	20.4	16.1 24.1
179	16.2	13.0 19.4

Manual Integrations
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#72

Anthracene

Concen: 43.926 ng

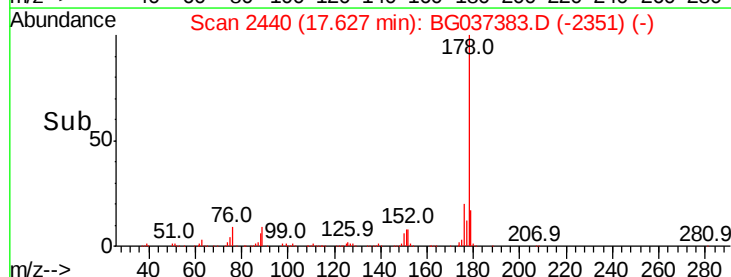
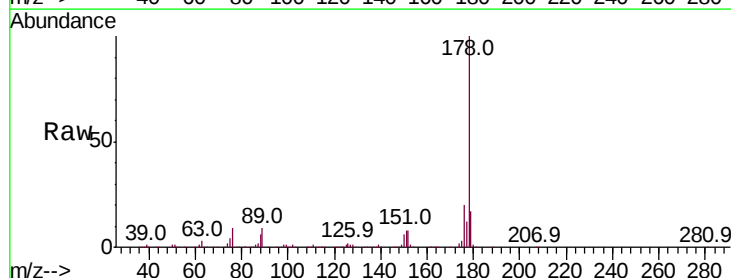
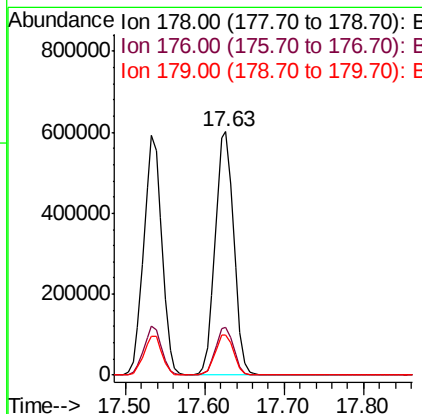
RT: 17.63 min Scan# 2440

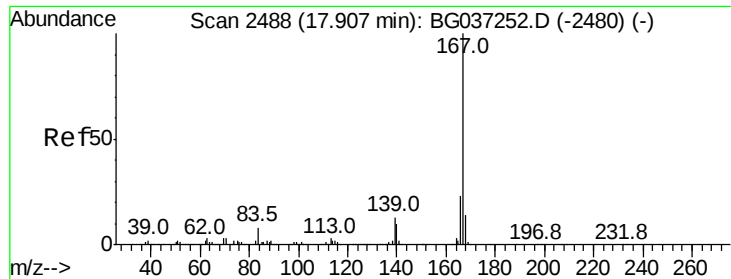
Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:178	Resp:	973798
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.0 22.4
179	16.5	12.8 19.2





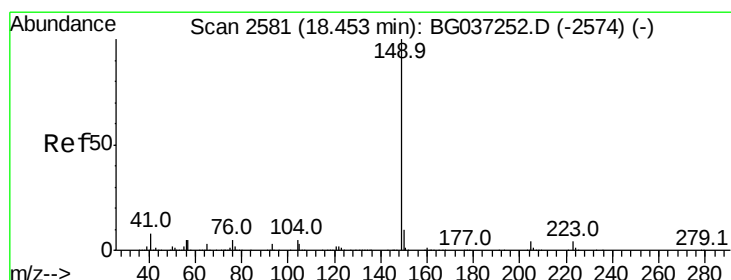
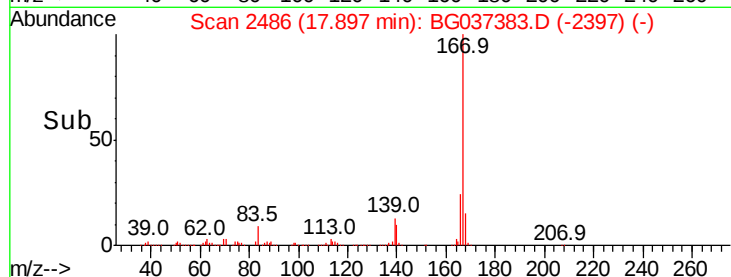
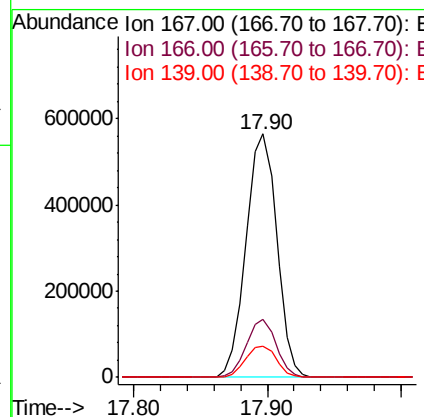
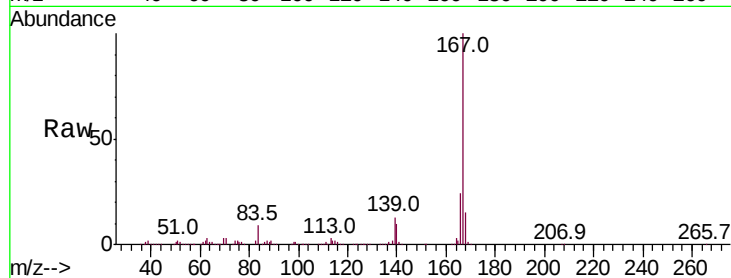
#73
 Carbazole
 Concen: 39.305 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.3	27.5
139	12.9	10.5	15.7

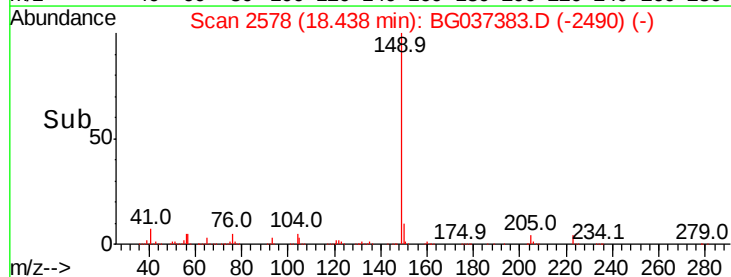
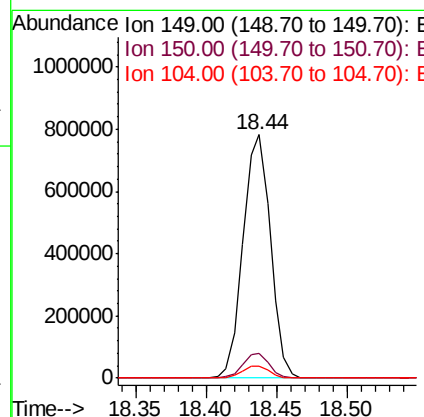
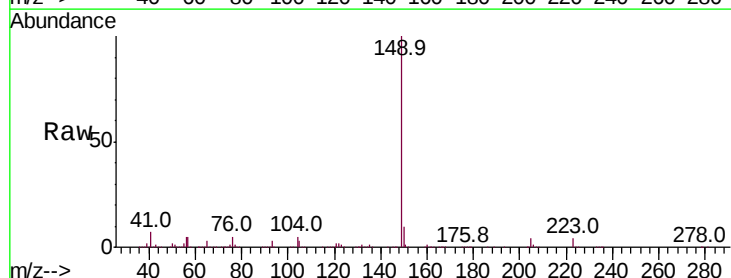
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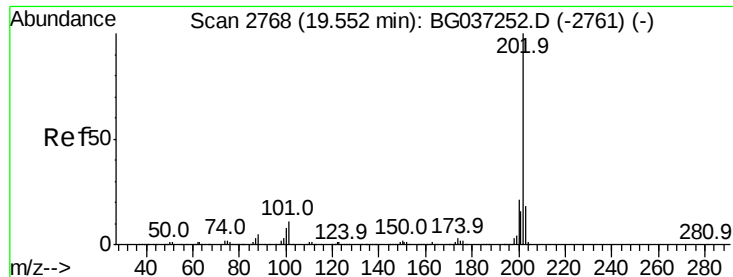
Sohil
 10/17/2018 4:32:42 PM



#74
 Di-n-butylphthalate
 Concen: 43.342 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037383.D
 Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 42.939 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:202 Resp: 1136680

Ion Ratio Lower Upper

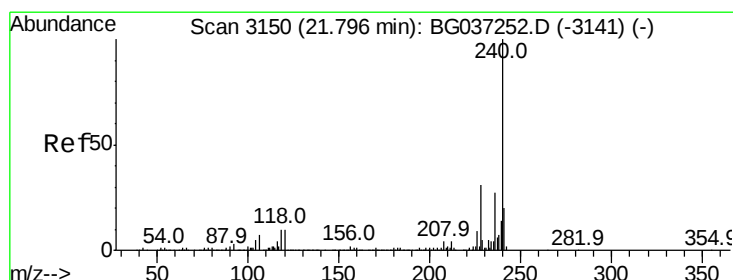
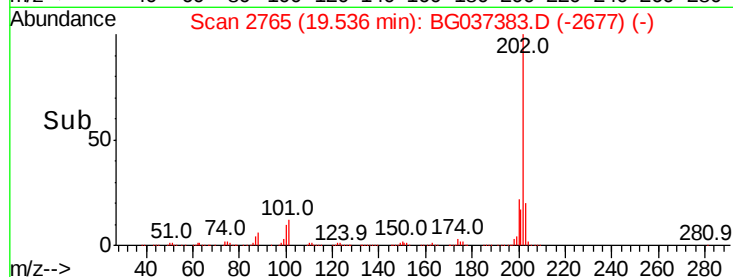
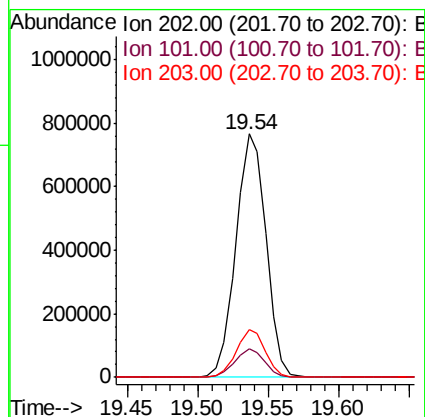
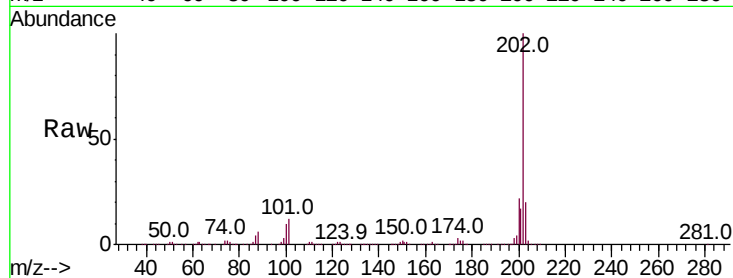
202 100

101 11.7 0.0 30.7

203 19.7 0.0 38.5

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

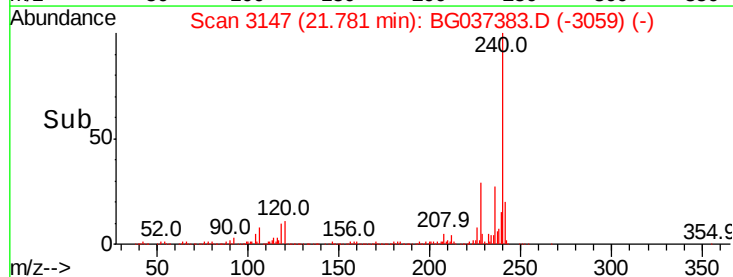
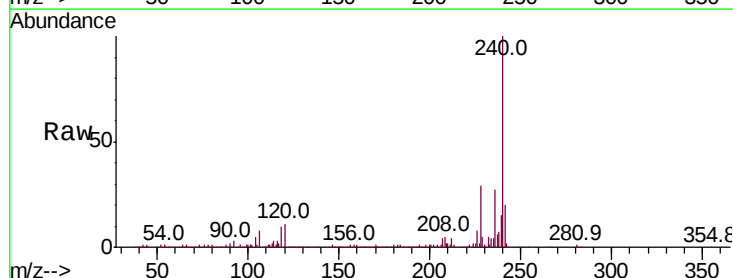
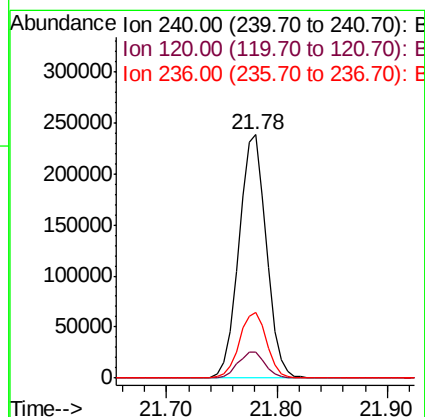
Tgt Ion:240 Resp: 415733

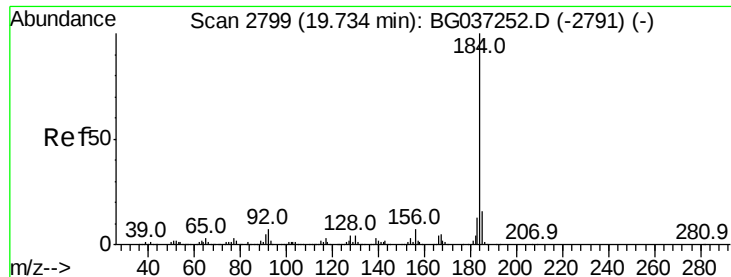
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 27.2 21.4 32.0





#77

Benzidine

Concen: 32.775 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

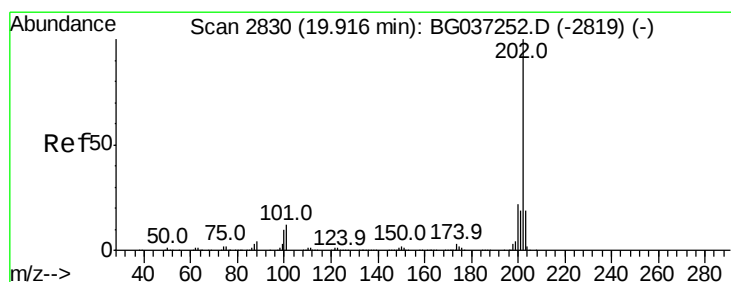
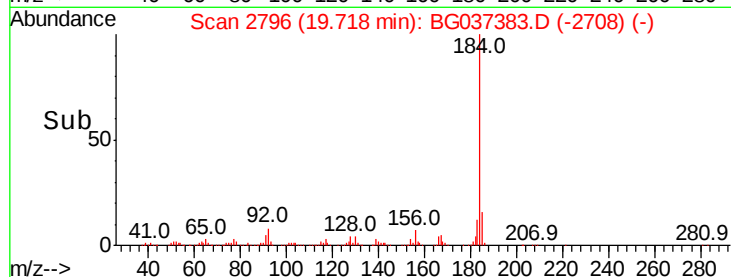
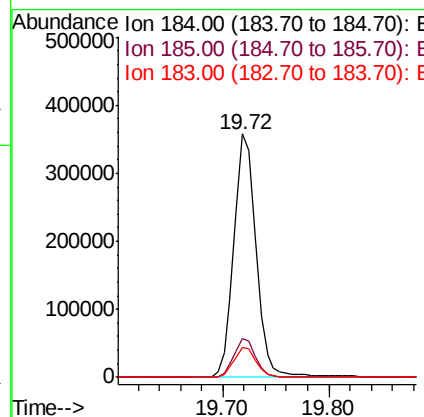
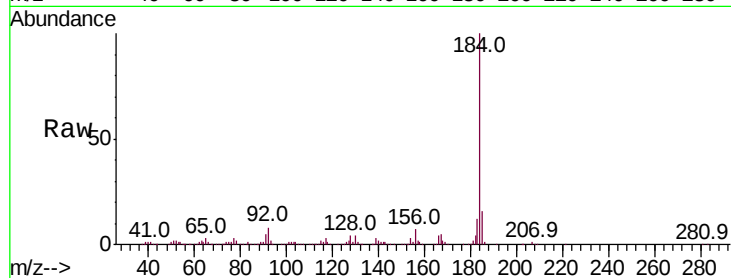
ClientSampleId :

PB113496BSD

Tot Ion:	184	Resp:	521264
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	12.3	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 41.820 ng

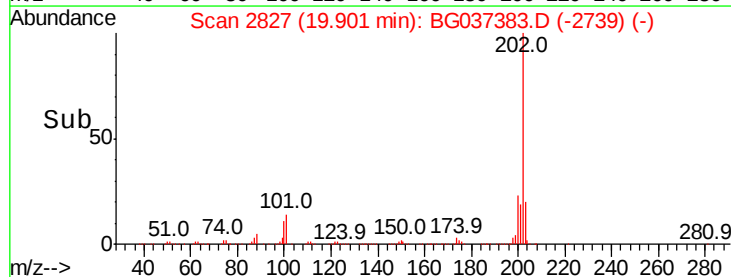
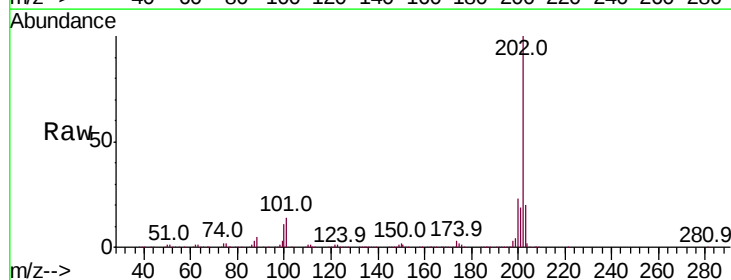
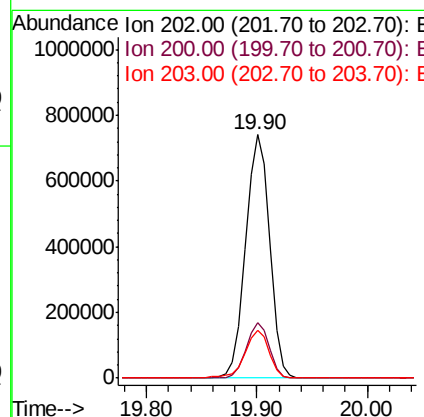
RT: 19.90 min Scan# 2827

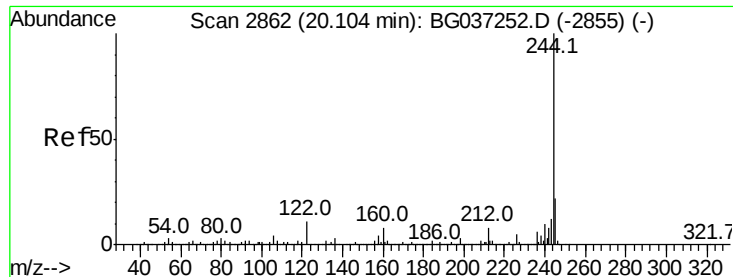
Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Tgt Ion:	202	Resp:	1133124
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.6
203	19.6	15.2	22.8





#79

Terphenyl-d14

Concen: 78.664 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:244 Resp: 1557485

Ion Ratio Lower Upper

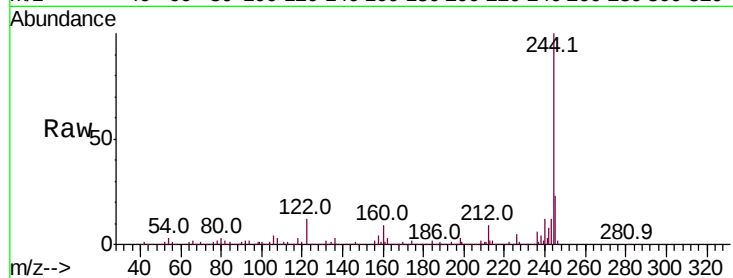
244 100

212 8.5 6.5 9.7

122 12.1 9.0 13.4

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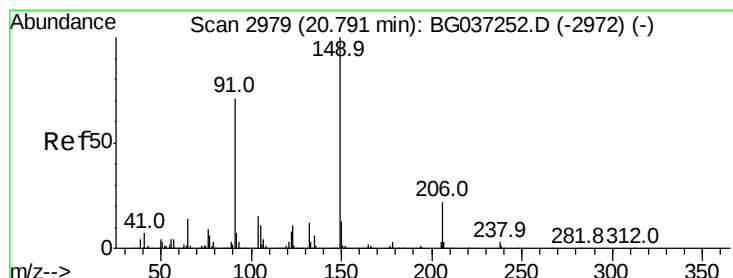
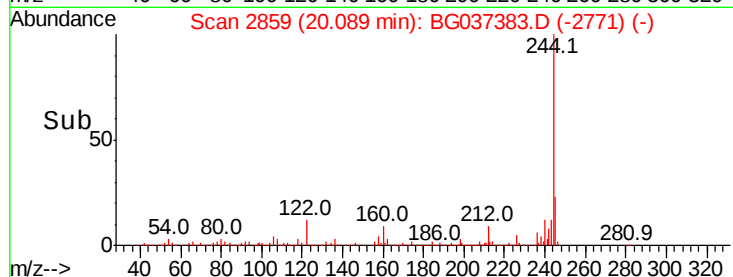
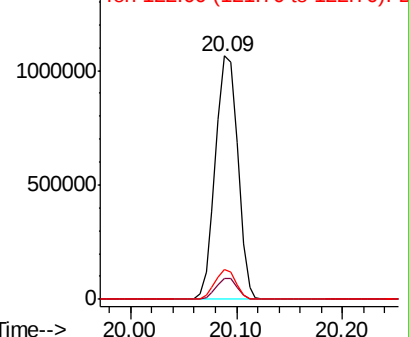
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.044 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

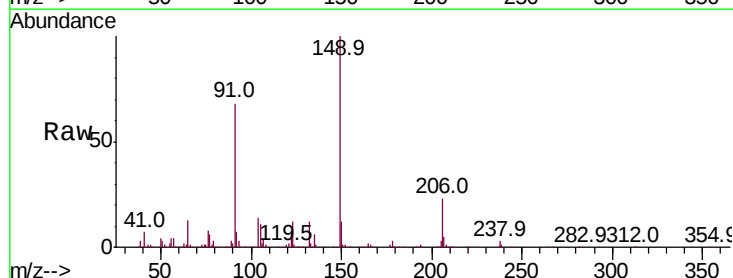
Tgt Ion:149 Resp: 485388

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

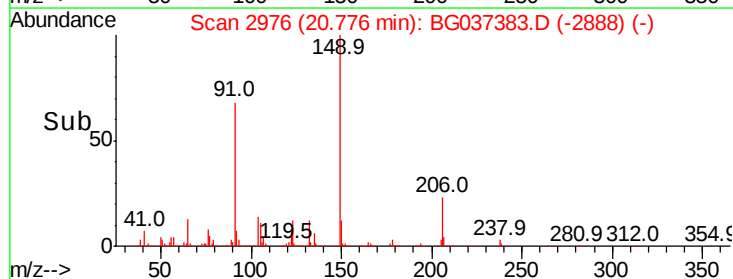
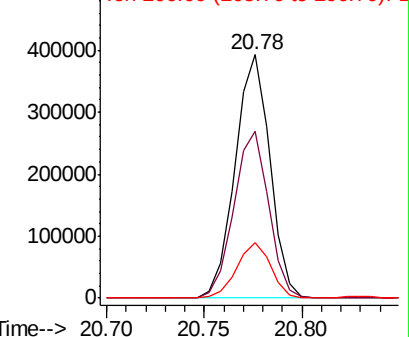
206 22.8 17.8 26.6

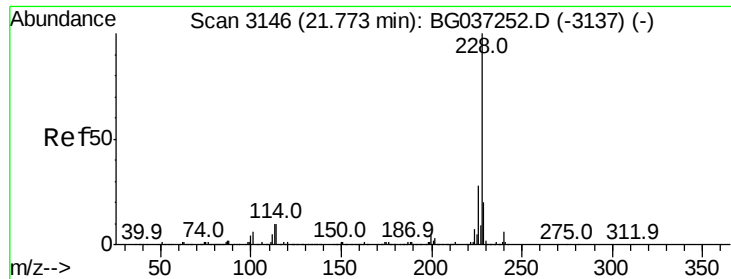


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.333 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:228 Resp: 1078918

Ion Ratio Lower Upper

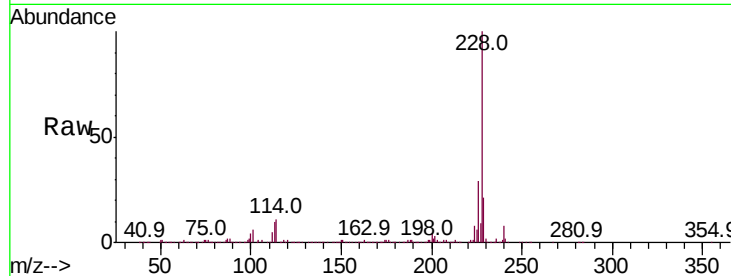
228 100

226 29.4 22.6 33.8

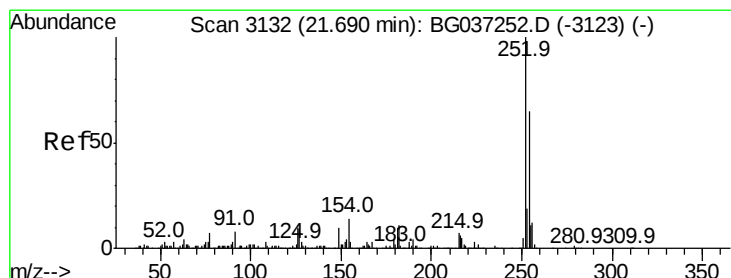
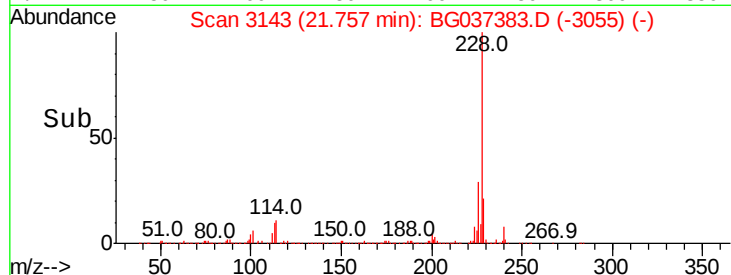
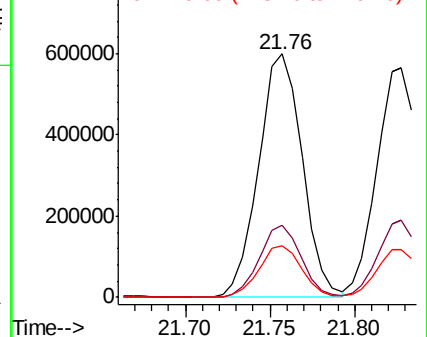
229 21.2 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.939 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

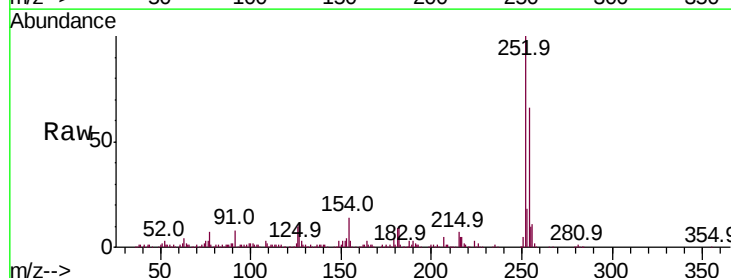
Tgt Ion:252 Resp: 287554

Ion Ratio Lower Upper

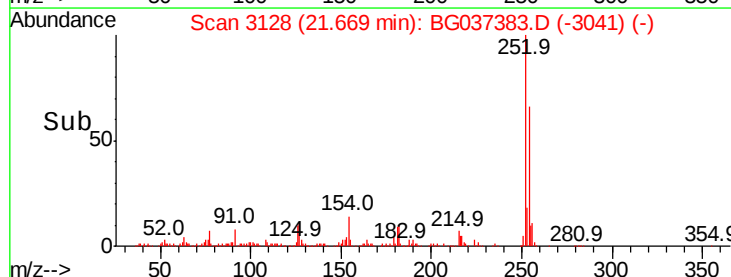
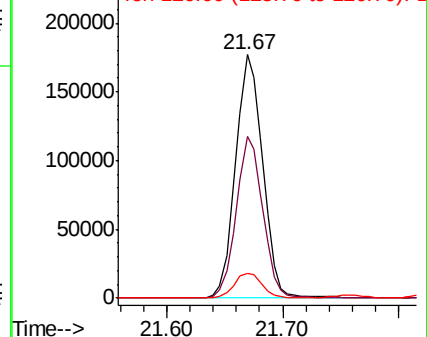
252 100

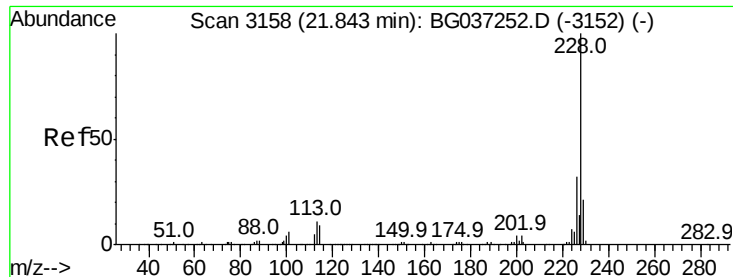
254 66.2 52.0 78.0

126 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
200000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





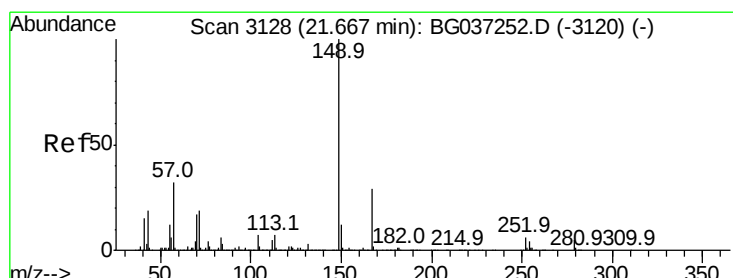
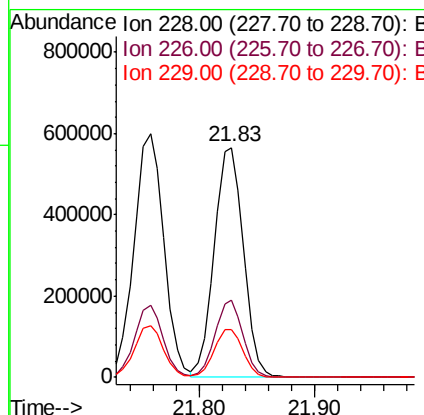
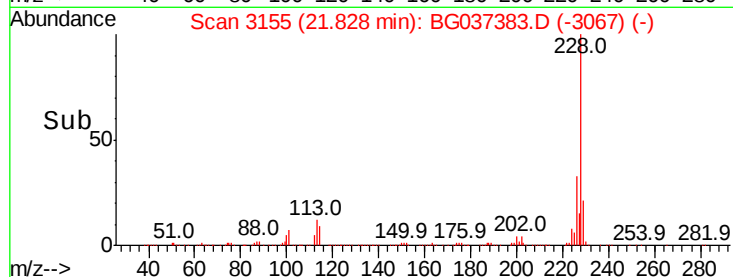
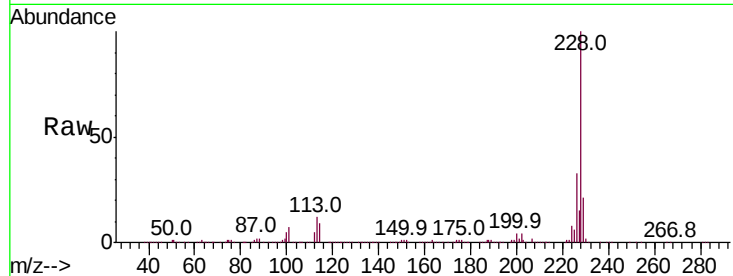
#83
Chrysene
Concen: 41.603 ng
RT: 21.83 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion:	228	Resp:	988114
Ion Ratio	Lower	Upper	
228	100		
226	33.4	25.7	38.5
229	20.9	16.5	24.7

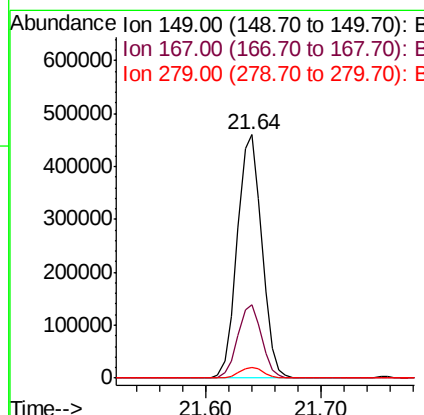
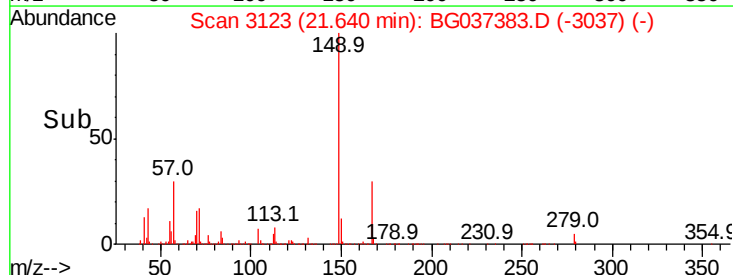
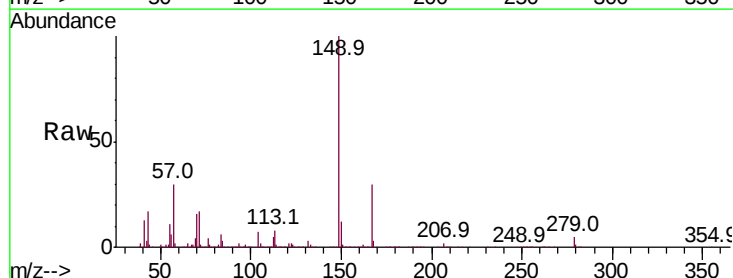
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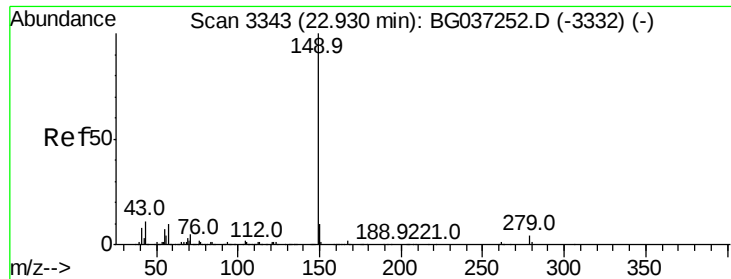
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.737 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion:	149	Resp:	677215
Ion Ratio	Lower	Upper	
149	100		
167	30.2	23.0	34.4
279	4.6	3.6	5.4





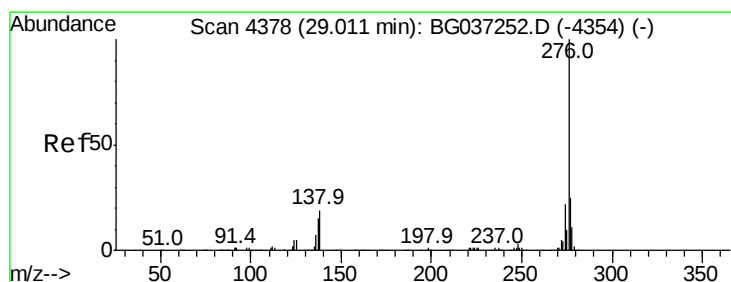
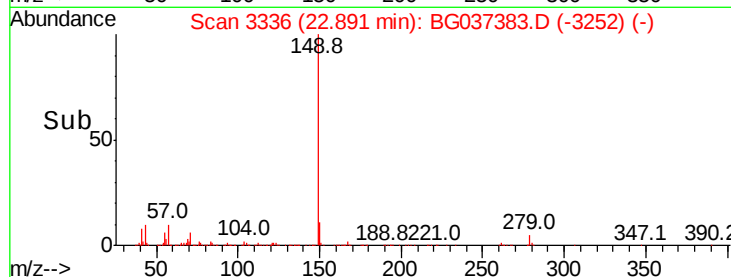
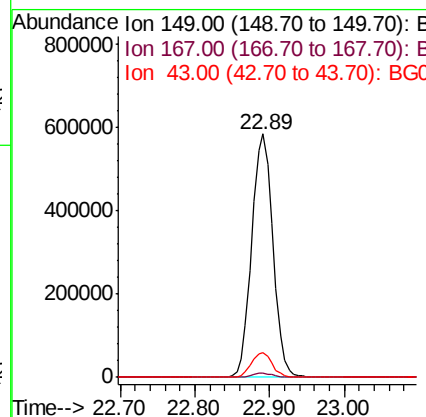
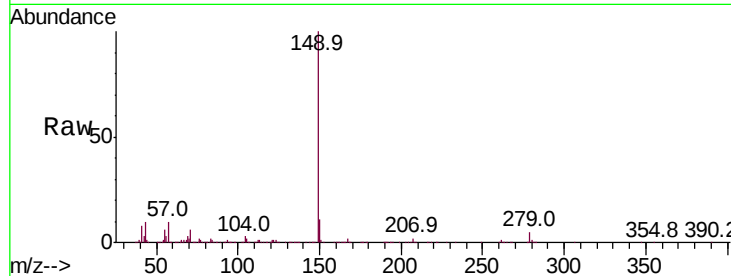
#85
Di-n-octyl phthalate
Concen: 46.792 ng
RT: 22.89 min Scan# 3336
Delta R.T. -0.04 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.9	8.7	13.1

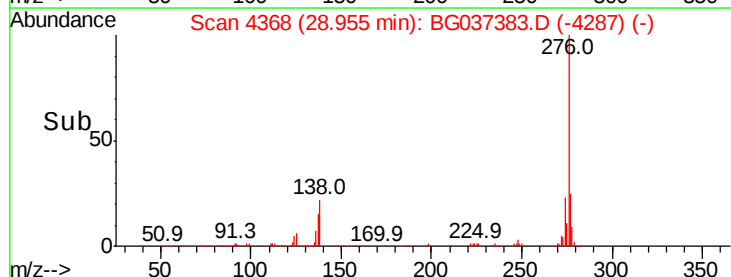
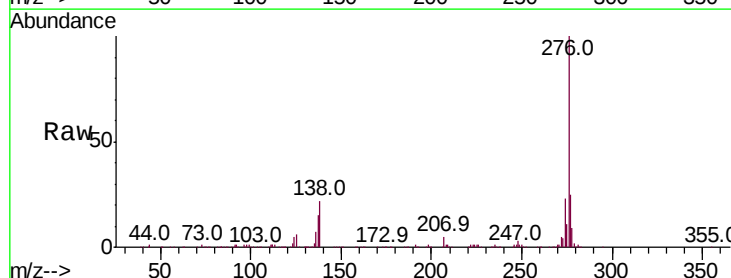
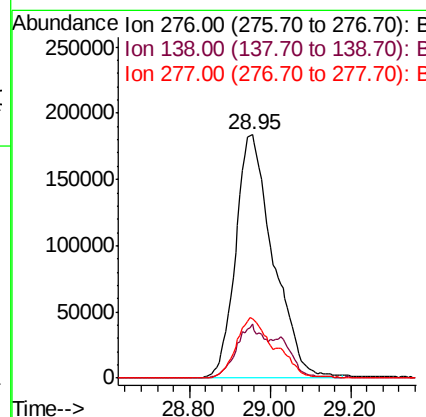
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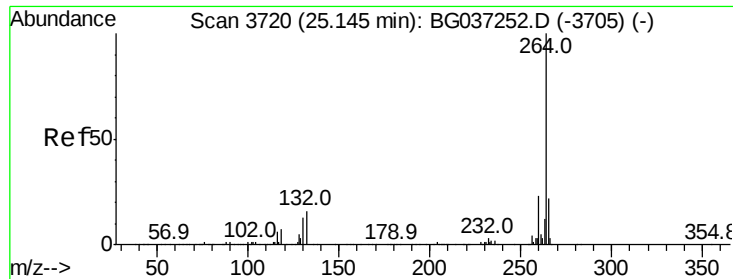
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.249 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	25.4	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037383.D

Acq: 17 Oct 2018 9:32

Instrument :

BNA_G

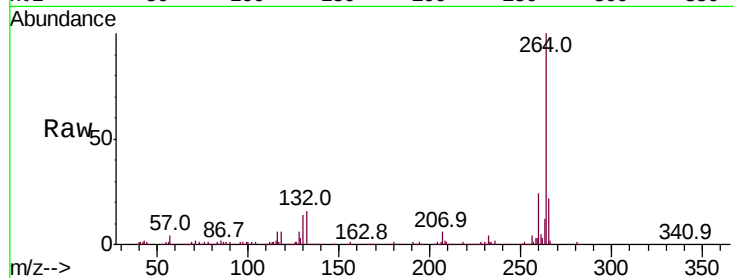
ClientSampleId :

PB113496BSD

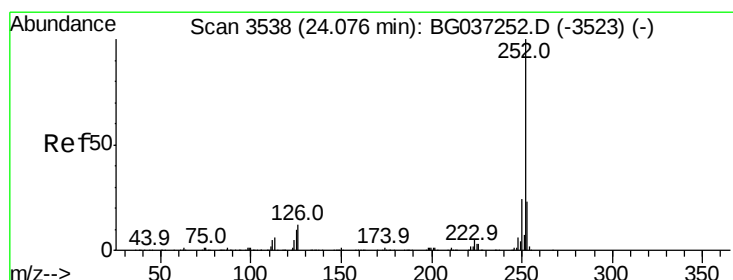
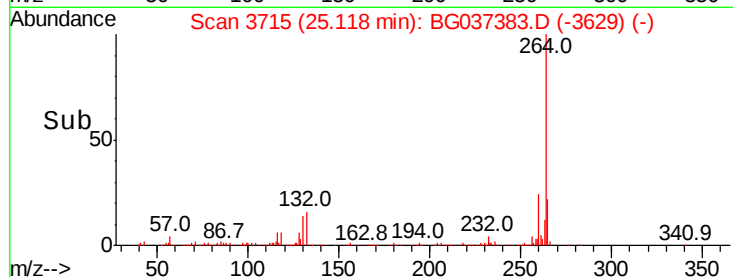
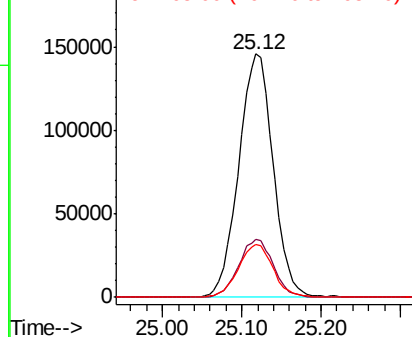
Tot Ion:	264	Resp:	439014
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 44.757 ng

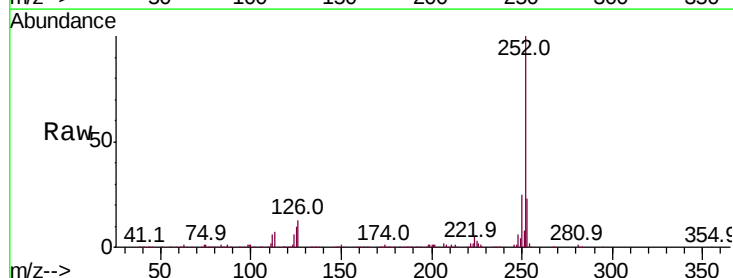
RT: 24.05 min Scan# 3533

Delta R.T. -0.03 min

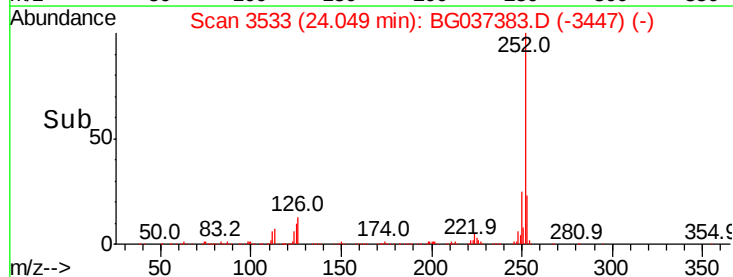
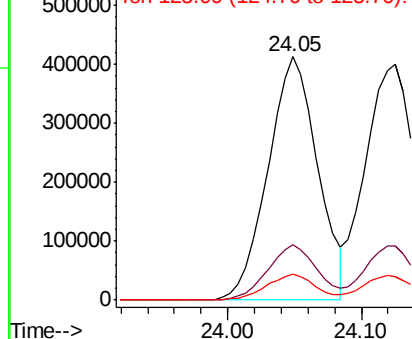
Lab File: BG037383.D

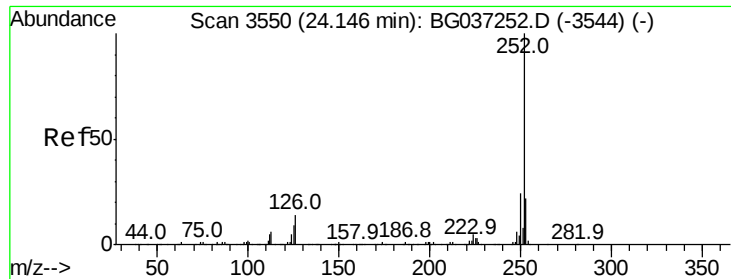
Acq: 17 Oct 2018 9:32

Tgt Ion:	252	Resp:	1068274
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	10.5	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





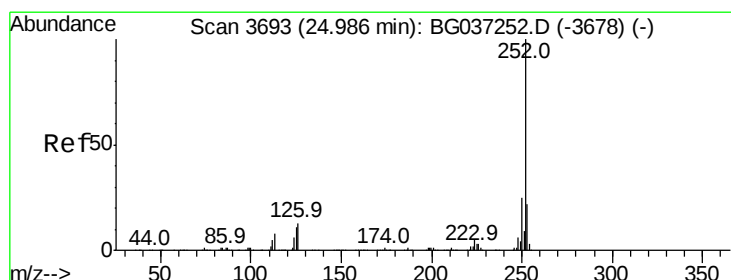
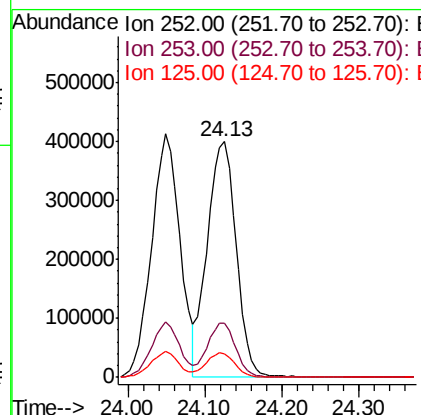
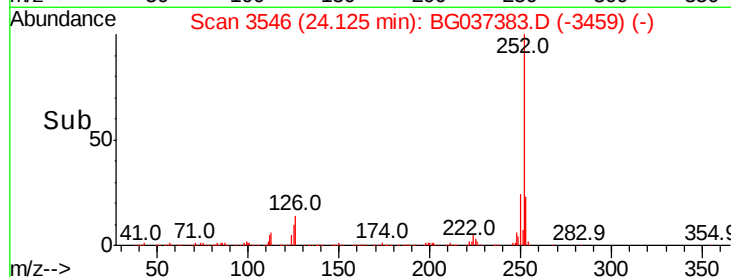
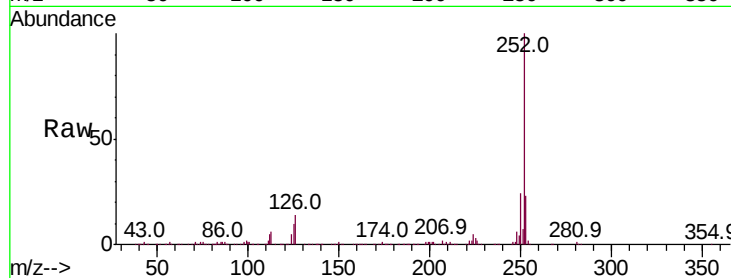
#89
Benzo(k)fluoranthene
Concen: 43.877 ng
RT: 24.13 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.2	7.4	11.0

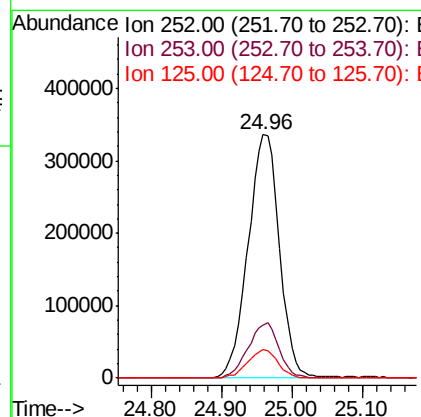
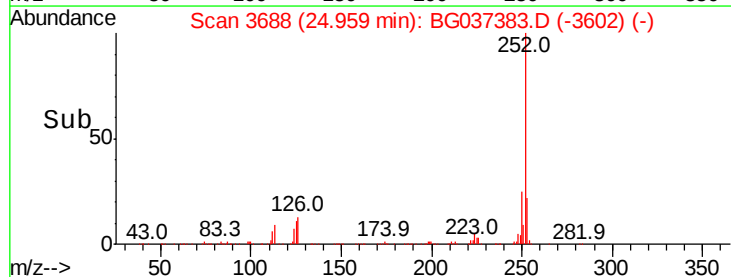
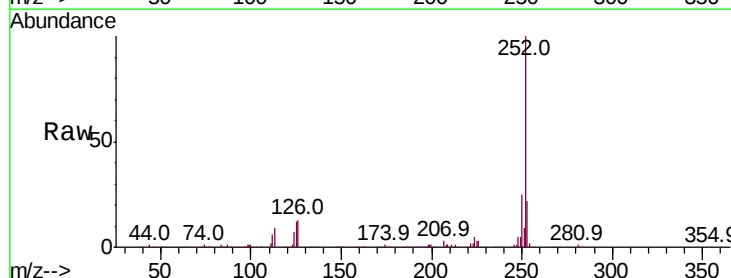
Manual Integrations
APPROVED

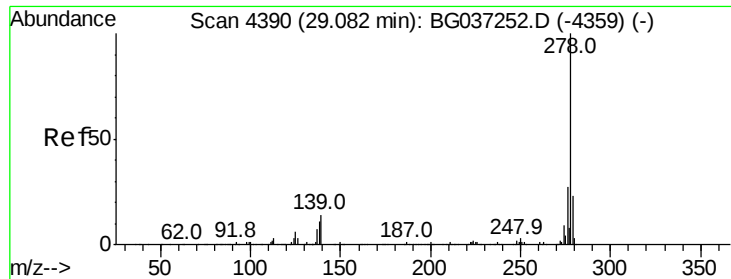
Sohil
10/17/2018 4:32:42 PM



#90
Benzo(a)pyrene
Concen: 45.427 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.5	9.0	13.6





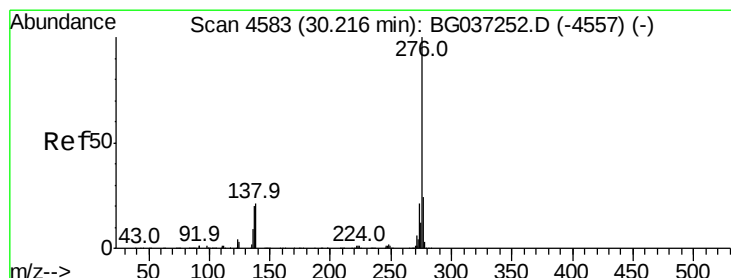
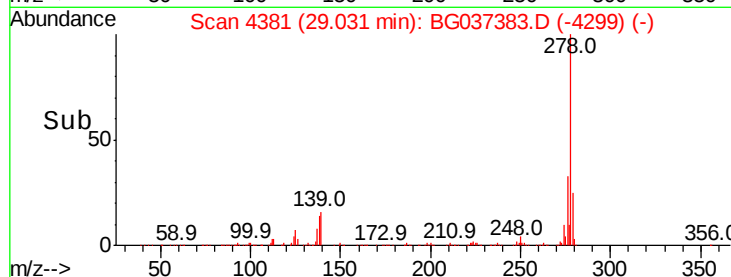
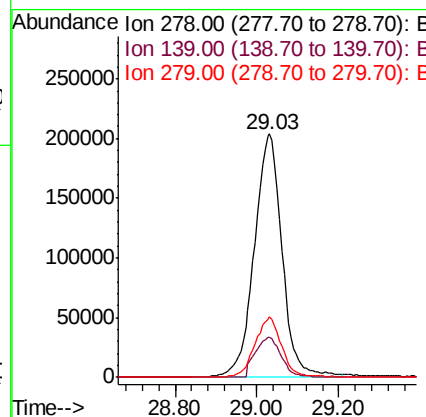
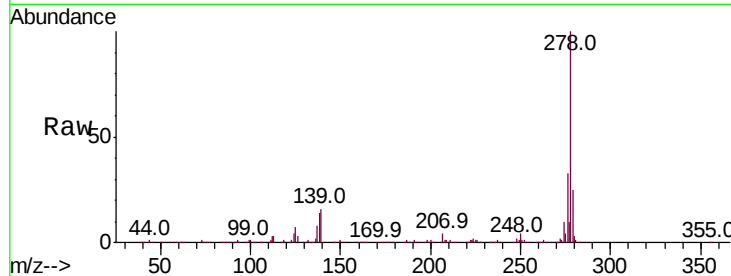
#91
Dibenzo(a,h)anthracene
Concen: 43.820 ng
RT: 29.03 min Scan# 4381
Delta R.T. -0.05 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	24.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/17/2018 4:32:42 PM



#92
Benzo(g,h,i)perylene
Concen: 44.902 ng
RT: 30.16 min Scan# 4573
Delta R.T. -0.06 min
Lab File: BG037383.D
Acq: 17 Oct 2018 9:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.9	28.3
138	22.1	17.2	25.8

