

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037100.D
 Acq On : 2 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB113413BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Manual Integrations
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Sohil
 10/2/2018 5:20:34 PM

Quant Time: Oct 02 12:07:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49769	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	227720	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	143053	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	359063	20.00	ng	0.00
75) Chrysene-d12	21.68	240	370744	20.00	ng	0.00
86) Perylene-d12	24.89	264	360114	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	346859	133.66	ng	0.00
7) Phenol-d6	7.21	99	467926	116.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	294987	69.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	180342	105.37	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	650606	67.74	ng	-0.01
78) Terphenyl-d14	20.01	244	1105823	78.43	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	50365	42.413	ng	98
3) Pyridine	3.92	79	131985	38.493	ng	97
4) n-Nitrosodimethylamine	3.83	42	77497	50.853	ng	# 96
6) Aniline	7.36	93	170718	32.768	ng	98
8) 2-Chlorophenol	7.61	128	139603	46.330	ng	95
9) Benzaldehyde	7.18	77	64711	24.391	ng	99
10) Phenol	7.23	94	187575	45.266	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	145557	37.974	ng	97
12) 1,3-Dichlorobenzene	7.93	146	146095	39.547	ng	99
13) 1,4-Dichlorobenzene	8.08	146	152427	40.319	ng	99
14) 1,2-Dichlorobenzene	8.39	146	141443	38.608	ng	96
15) Benzyl Alcohol	8.28	79	126908	38.954	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	293250	39.850	ng	96
17) 2-Methylphenol	8.48	107	121596	42.127	ng	98
18) Hexachloroethane	9.12	117	59590	42.833	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	119560	35.795	ng	95
20) 3+4-Methylphenols	8.80	107	168311	41.915	ng	99
22) Acetophenone	8.86	105	211296	39.485	ng	# 98
24) Nitrobenzene	9.24	77	178779	39.369	ng	98
25) Isophorone	9.76	82	334330	43.028	ng	98
26) 2-Nitrophenol	9.96	139	74114	40.945	ng	99
27) 2,4-Dimethylphenol	10.01	122	129892	46.068	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	195862	40.851	ng	99
29) 2,4-Dichlorophenol	10.49	162	140126	42.871	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	156087	38.160	ng	98
31) Naphthalene	10.90	128	447918	41.340	ng	98
32) Benzoic acid	10.15	122	28759	17.518	ng	92
33) 4-Chloroaniline	11.00	127	123146	24.997	ng	98
34) Hexachlorobutadiene	11.17	225	104858	37.069	ng	96
35) Caprolactam	11.78	113	49729m	36.966	ng	
36) 4-Chloro-3-methylphenol	12.12	107	153658	39.399	ng	97
37) 2-Methylnaphthalene	12.49	142	338569	41.028	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	186785	37.436	ng	98
40) Hexachlorocyclopentadiene	12.84	237	202894	79.068	ng	98

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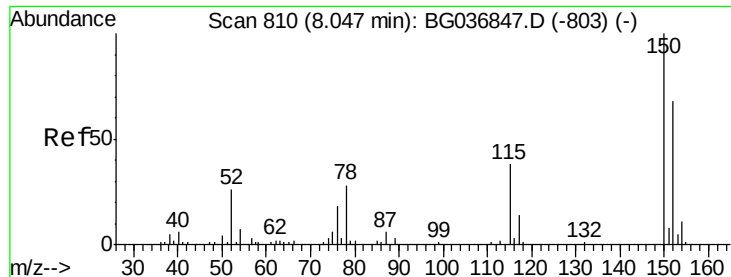
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	114747	41.415	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	126328	42.760	nq	97
45) 1,1'-Biphenyl	13.50	154	434711	39.678	nq	98
46) 2-Chloronaphthalene	13.55	162	331277	38.450	nq	99
47) 2-Nitroaniline	13.75	65	119949	40.250	nq	97
48) Acenaphthylene	14.39	152	566486	41.958	nq	98
49) Dimethylphthalate	14.12	163	440906	38.290	nq	98
50) 2,6-Dinitrotoluene	14.24	165	99889	39.760	nq	94
51) Acenaphthene	14.73	154	321991	39.461	nq	100
52) 3-Nitroaniline	14.57	138	82240	31.065	nq	# 99
53) 2,4-Dinitrophenol	14.78	184	53545	48.778	nq	89
54) Dibenzofuran	15.06	168	545053	39.491	nq	100
55) 4-Nitrophenol	14.89	139	141874	83.887	nq	98
56) 2,4-Dinitrotoluene	15.03	165	143784	41.015	nq	93
57) Fluorene	15.71	166	431917	41.869	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	126804	42.310	nq	97
59) Diethylphthalate	15.48	149	448771	38.641	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	241436	36.956	nq	98
61) 4-Nitroaniline	15.74	138	109338	39.264	nq	95
62) Azobenzene	16.00	77	456672	40.923	nq	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	63788	33.980	nq	98
65) n-Nitrosodiphenylamine	15.92	169	388204	39.162	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	151713	37.147	nq	97
67) Hexachlorobenzene	16.72	284	158592	37.703	nq	99
68) Atrazine	16.87	200	154606	38.519	nq	98
69) Pentachlorophenol	17.07	266	161044	60.809	nq	100
70) Phenanthrene	17.45	178	732193	42.316	nq	98
71) Anthracene	17.55	178	747589	43.694	nq	100
72) Carbazole	17.82	167	669367	40.126	nq	99
73) Di-n-butylphthalate	18.36	149	783649	42.301	nq	100
74) Fluoranthene	19.46	202	900218	43.221	nq	100
76) Benzidine	19.64	184	310370	27.693	nq	98
77) Pyrene	19.82	202	883787	39.725	nq	100
79) Butylbenzylphthalate	20.70	149	369852	41.707	nq	96
80) Benzo(a)anthracene	21.66	228	875136	40.437	nq	100
81) 3,3'-Dichlorobenzidine	21.58	252	251461	30.525	nq	98
82) Chrysene	21.72	228	824018	39.407	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	513196	41.427	nq	100
84) Di-n-octyl phthalate	22.76	149	863130	42.317	nq	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	968686	43.140	nq	99
87) Benzo(b)fluoranthene	23.87	252	856160	44.612	nq	97
88) Benzo(k)fluoranthene	23.93	252	862083	44.774	nq	100
89) Benzo(a)pyrene	24.73	252	839732	45.259	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	813048	46.757	nq	99
91) Benzo(g,h,i)perylene	29.67	276	795176	45.565	nq	99

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



#1

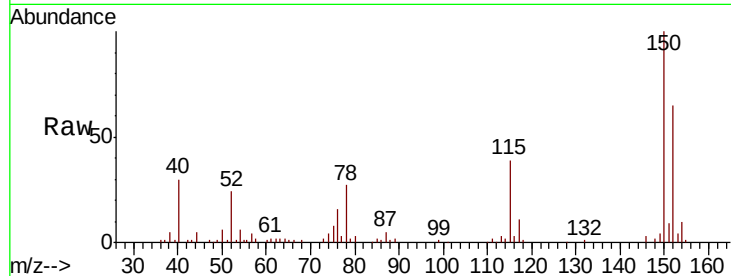
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampled :
PB113413BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	59.5	44.5	66.7

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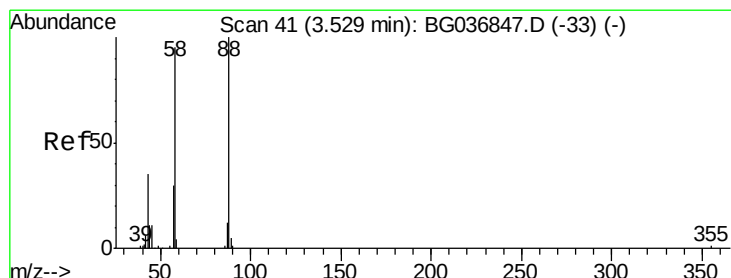
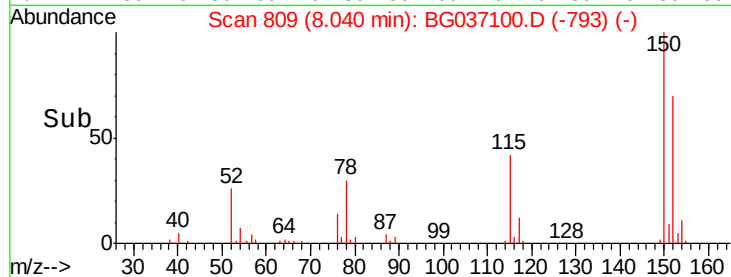
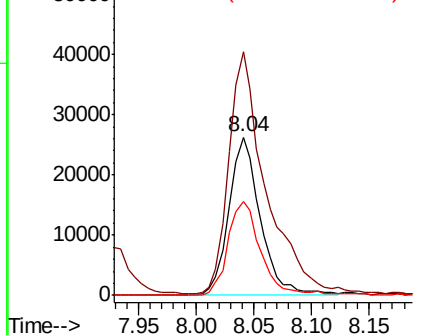


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

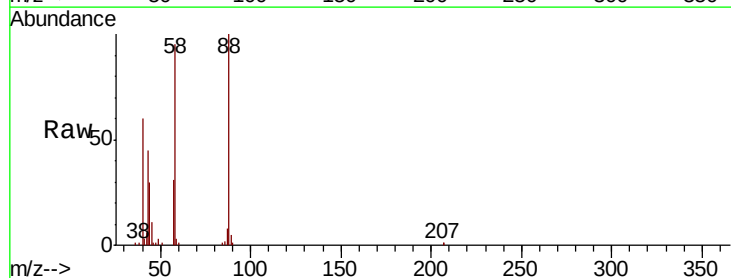
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.413 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	72.6	109.0
43	39.0	29.0	43.4

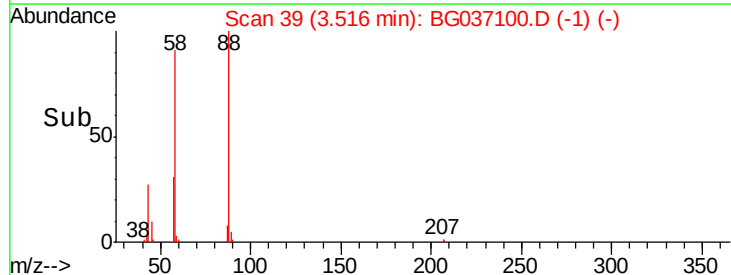
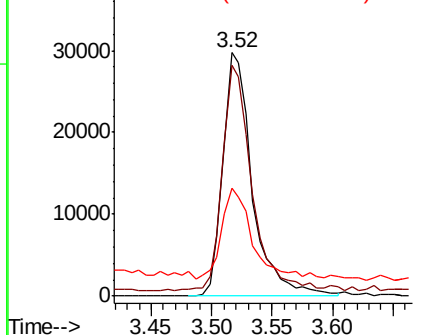


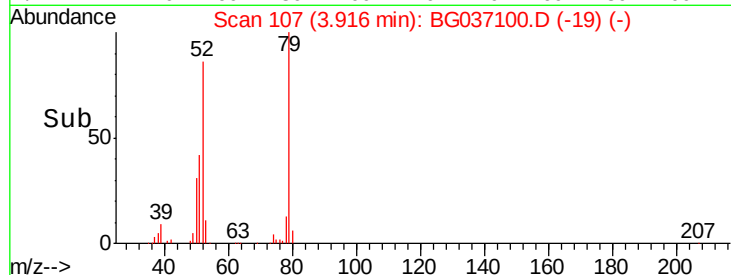
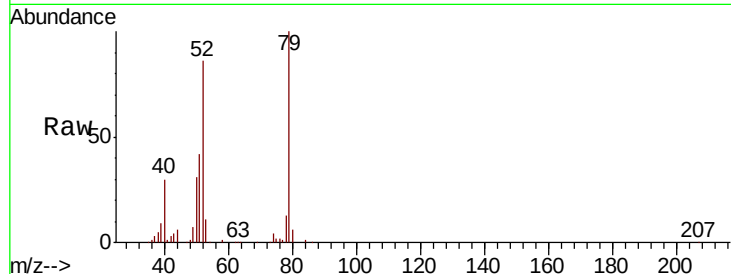
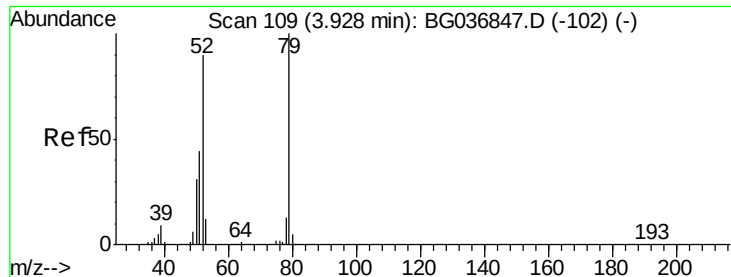
Abundance

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





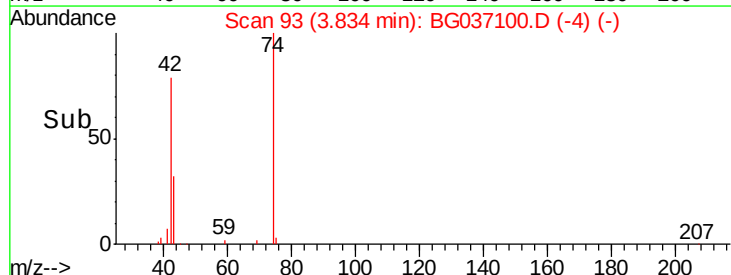
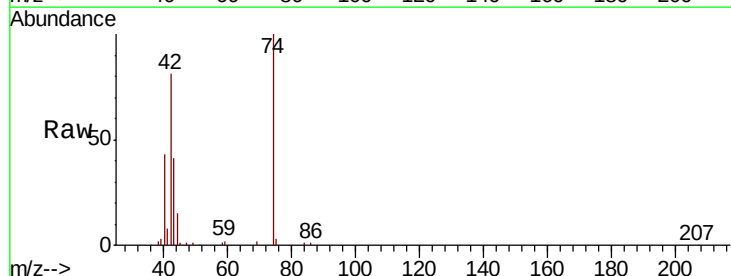
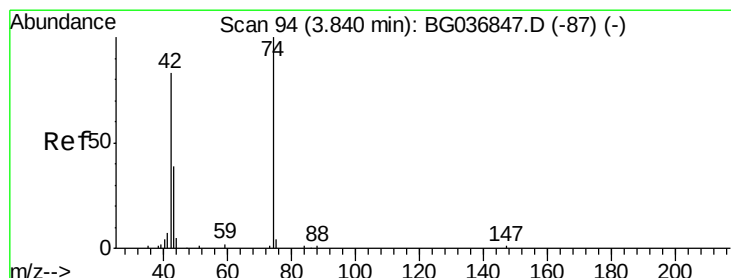
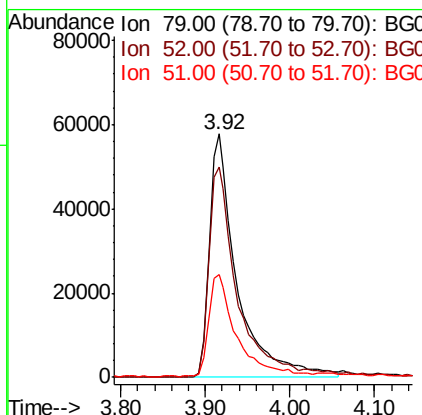
#3
Pvridine
Concen: 38.493 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	86.3	72.3	108.5	
51	42.4	33.8	50.6	

Instrument :
BNA_G
ClientSampleId :
PB113413BS

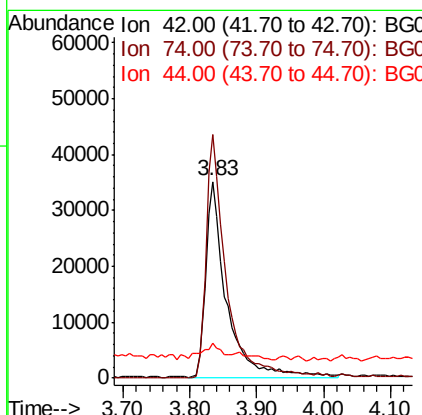
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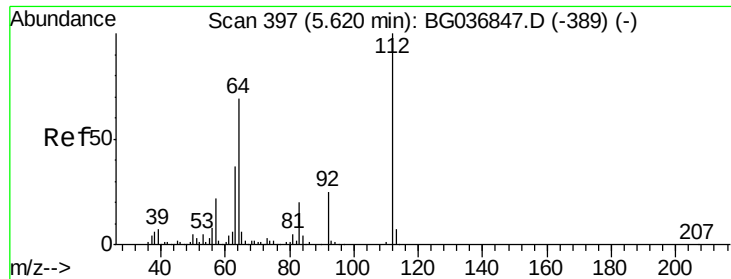
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#4
n-Nitrosodimethylamine
Concen: 50.853 ng
RT: 3.83 min Scan# 93
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	123.8	96.6	145.0	
44	18.0	7.0	10.4	





#5

2-Fluorophenol

Concen: 133.658 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

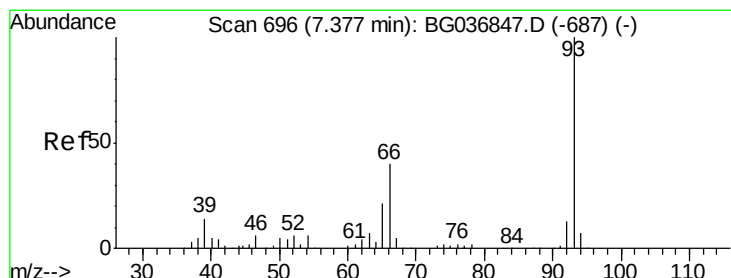
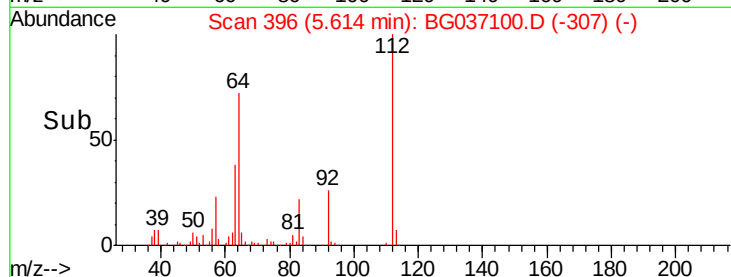
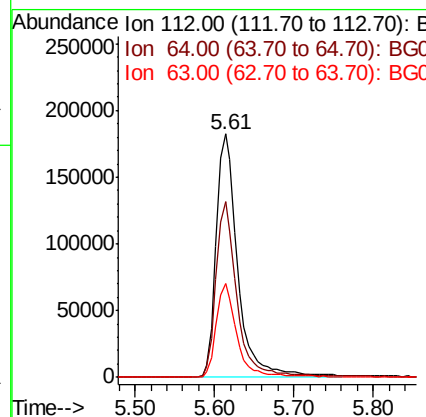
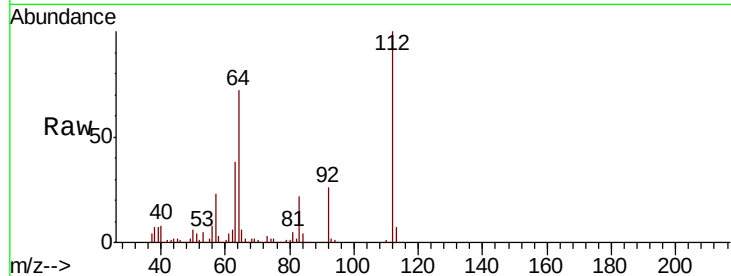
ClientSampled :

PB113413BS

Tot Ion:	112	Resp:	346859
Ion Ratio	Lower	Upper	
112	100		
64	72.2	57.2	85.8
63	38.4	30.8	46.2

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#6

Aniline

Concen: 32.768 ng

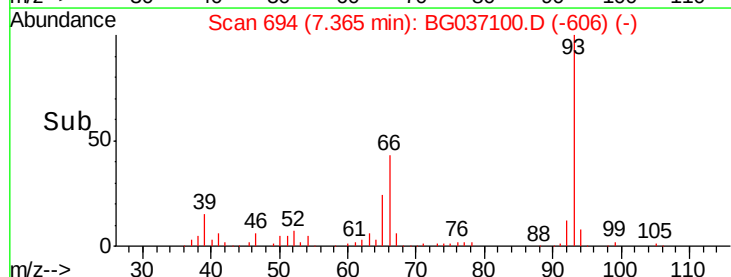
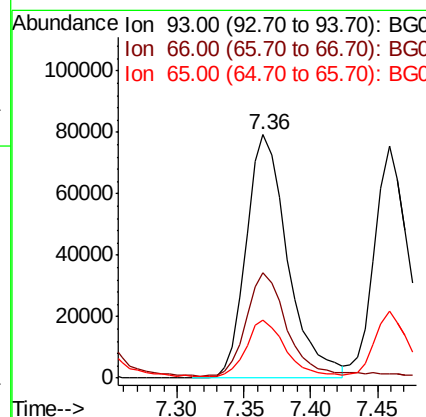
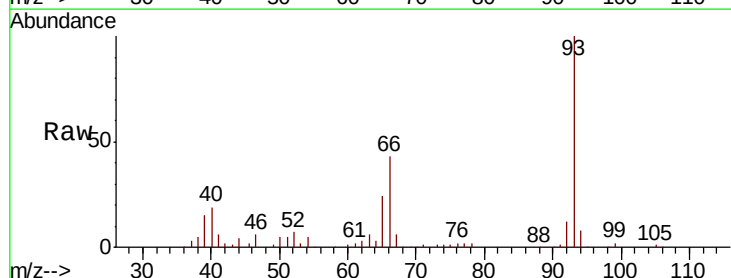
RT: 7.36 min Scan# 694

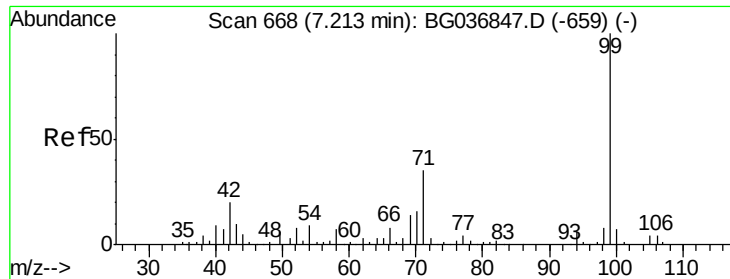
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	93	Resp:	170718
Ion Ratio	Lower	Upper	
93	100		
66	43.2	35.0	52.4
65	23.8	17.6	26.4





#7

Phenol-d6

Concen: 116.541 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

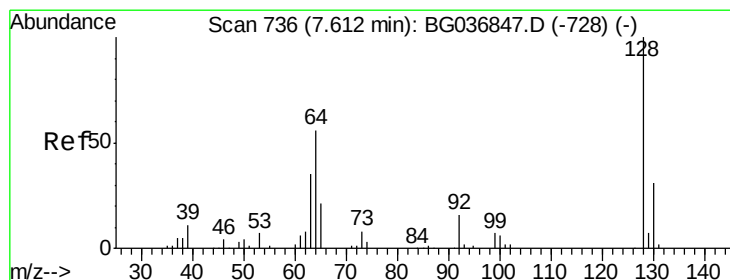
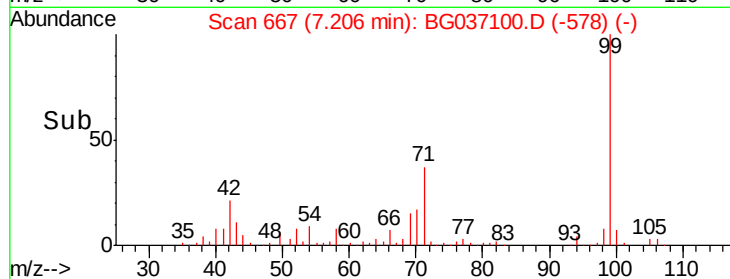
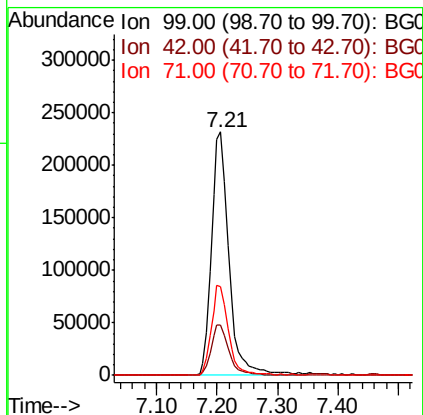
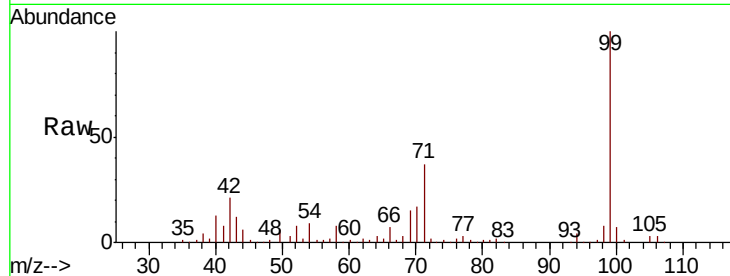
ClientSampleId :

PB113413BS

Tot Ion:	99	Resp:	467926
Ion Ratio	Lower	Upper	
99	100		
42	20.5	16.5	24.7
71	36.7	29.4	44.2

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#8

2-Chlorophenol

Concen: 46.330 ng

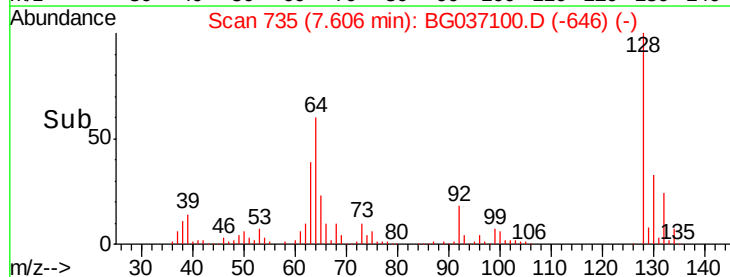
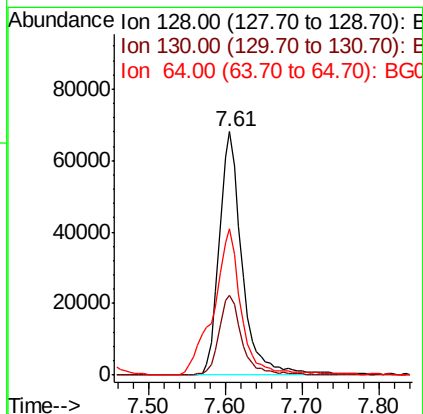
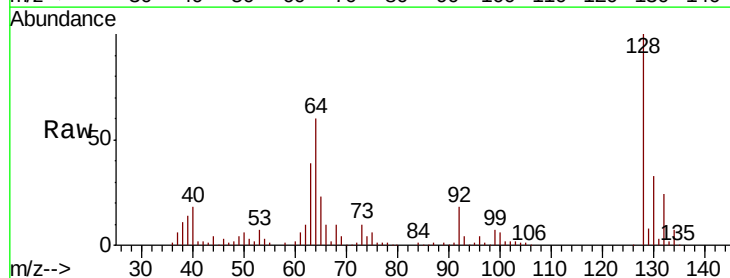
RT: 7.61 min Scan# 735

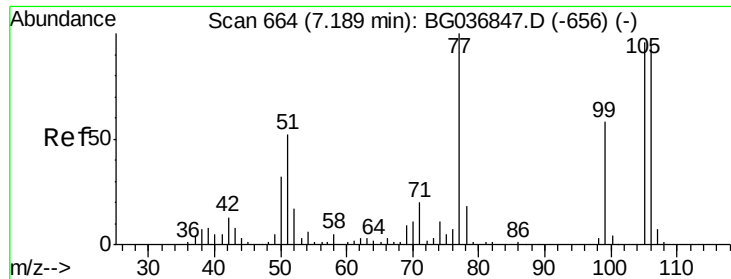
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	128	Resp:	139603
Ion Ratio	Lower	Upper	
128	100		
130	32.7	10.0	50.0
64	60.0	36.0	76.0





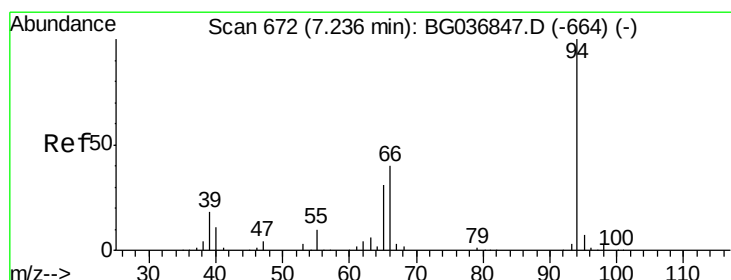
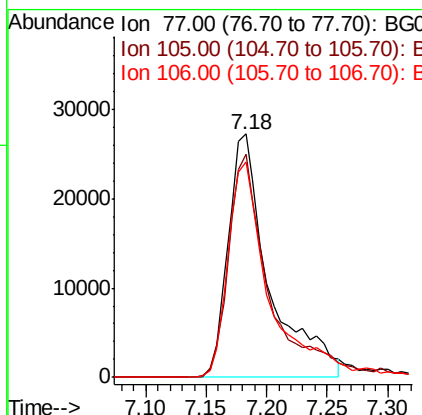
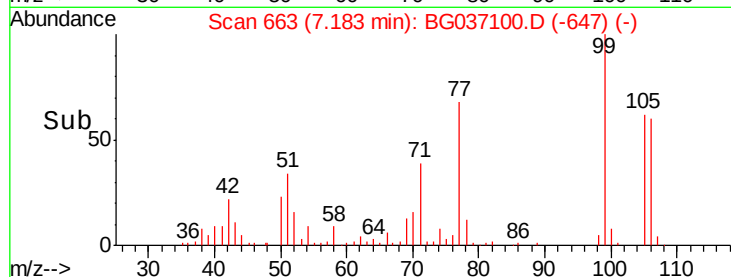
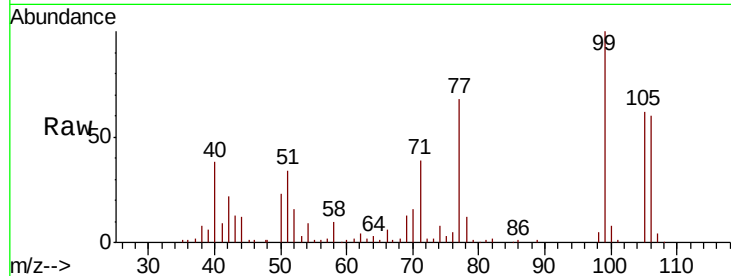
#9
Benzaldehyde
Concen: 24.391 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleID :
PB113413BS

Tot Ion: 77 Resp: 64711
Ion Ratio Lower Upper
77 100
105 91.8 70.5 110.5
106 88.6 69.8 109.8

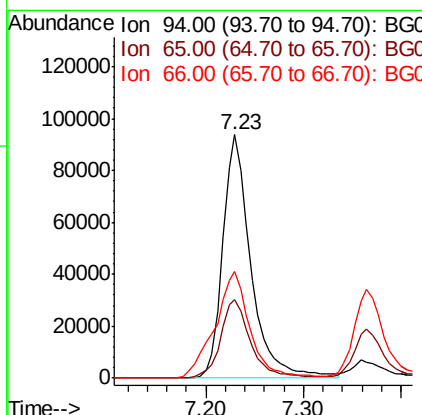
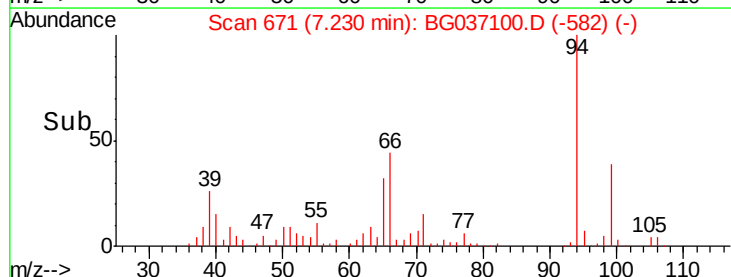
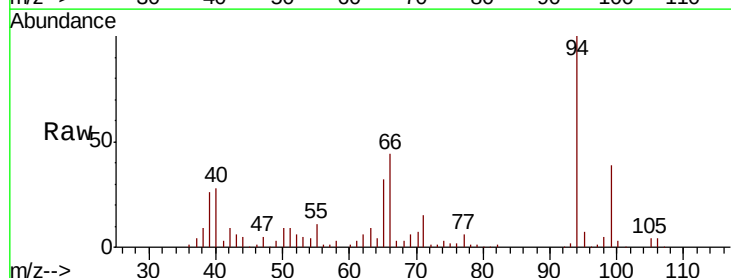
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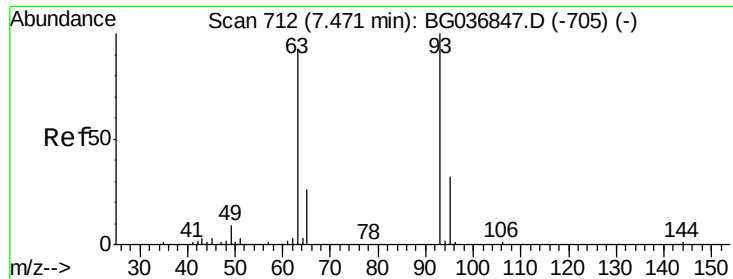
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#10
Phenol
Concen: 45.266 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion: 94 Resp: 187575
Ion Ratio Lower Upper
94 100
65 32.3 11.5 51.5
66 44.0 19.5 59.5





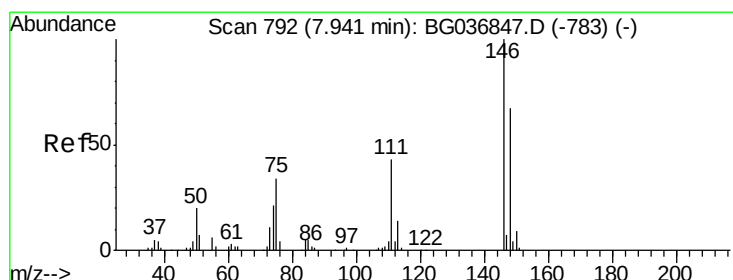
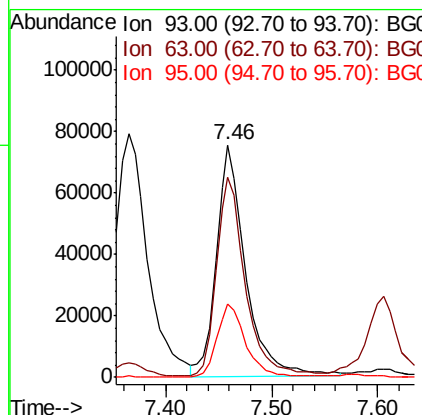
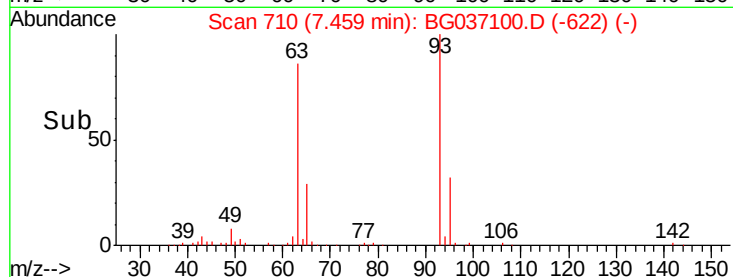
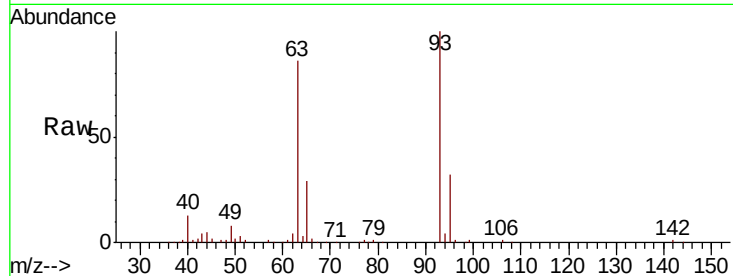
#11
bis(2-Chloroethyl)ether
Concen: 37.974 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	145557		
63	86.4	69.9	109.9	
95	31.7	11.7	51.7	

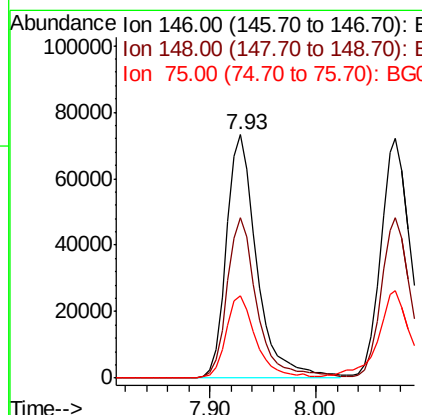
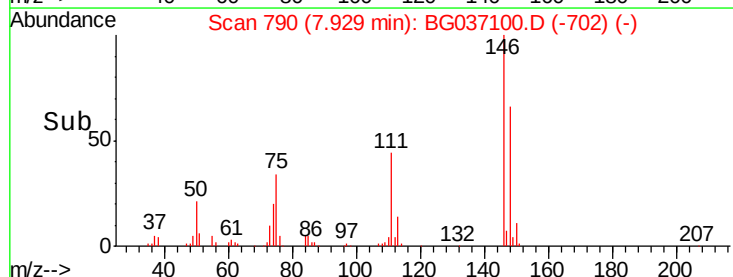
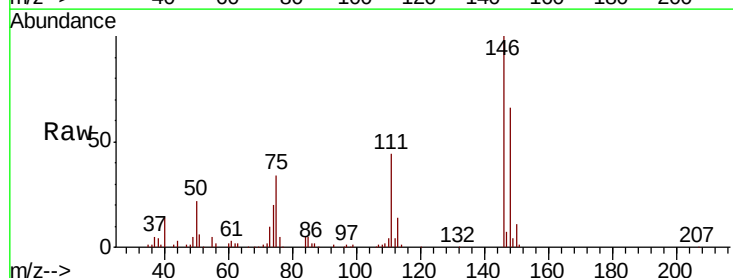
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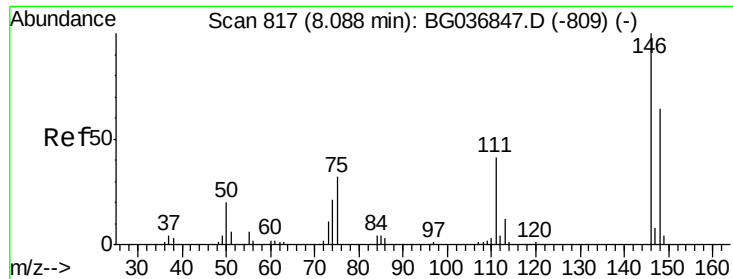
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#12
1,3-Dichlorobenzene
Concen: 39.547 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146095		
148	65.7	53.8	80.6	
75	33.6	27.2	40.8	





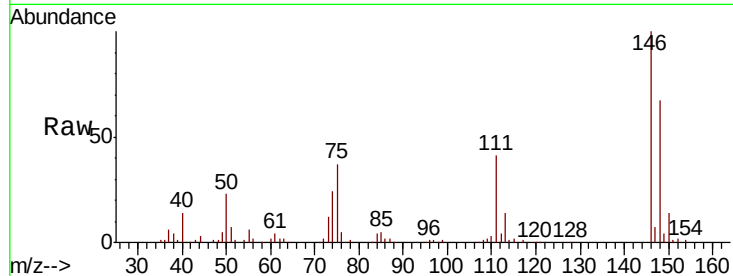
#13
1,4-Dichlorobenzene
Concen: 40.319 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampled :
PB113413BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.9	80.9
111	40.9	33.8	50.6

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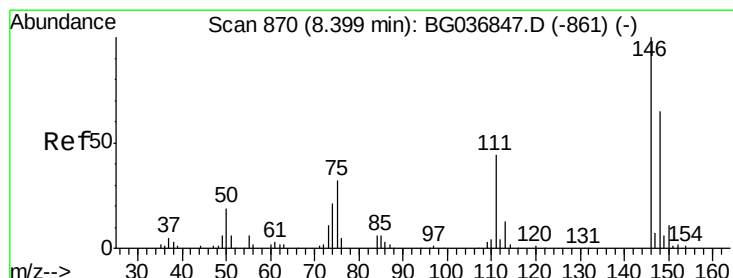
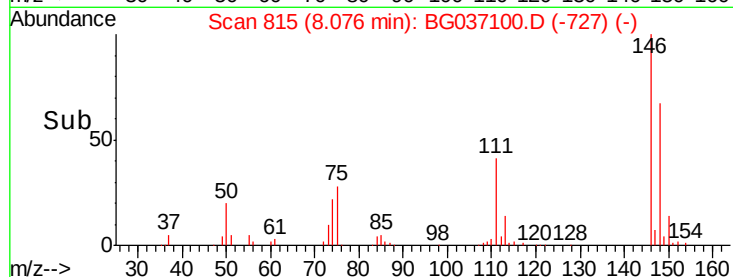
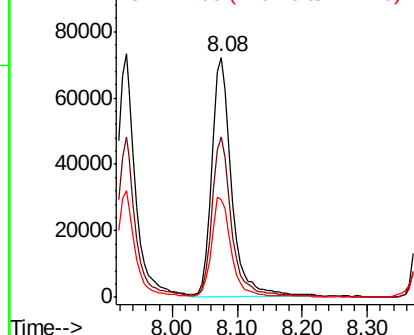


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 38.608 ng
RT: 8.39 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

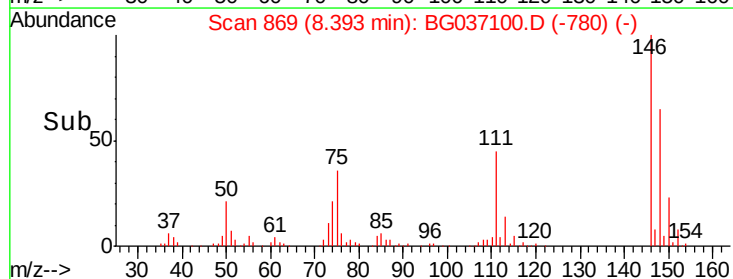
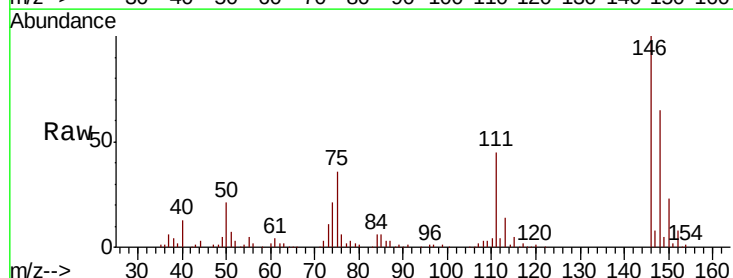
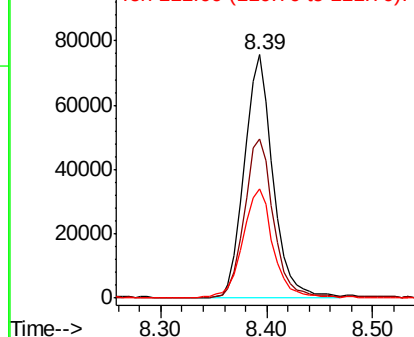
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	55.0	82.6
111	44.7	34.6	51.8

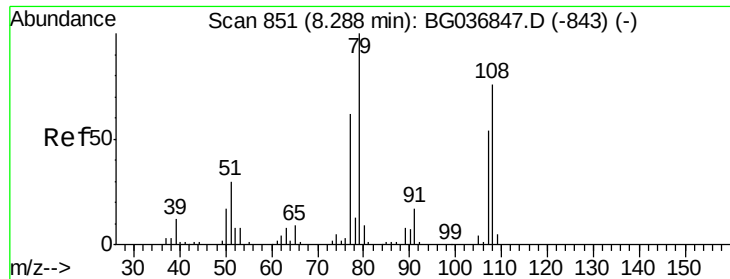
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.954 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

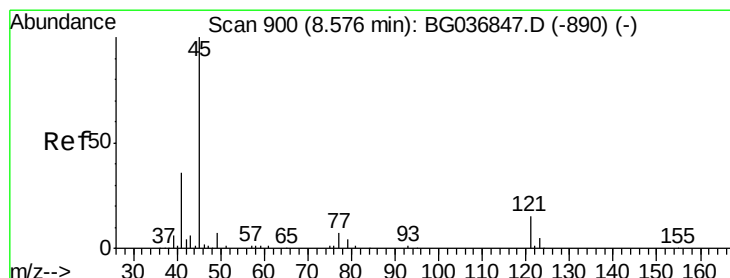
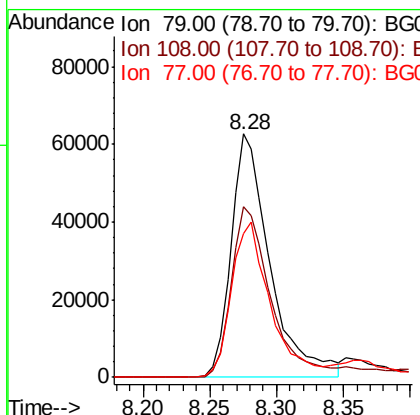
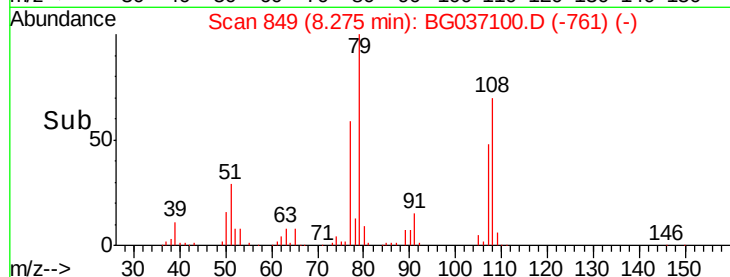
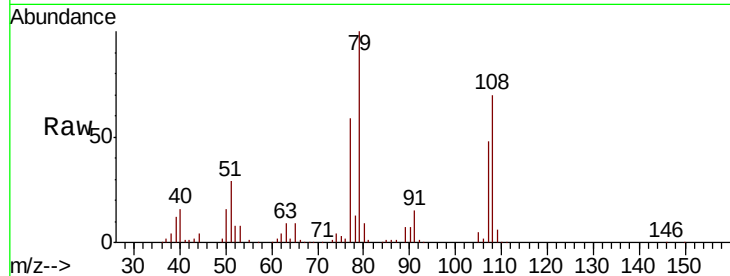
ClientSampleId :

PB113413BS

Tot Ion:	79	Resp:	126908
Ion Ratio	Lower	Upper	
79	100		
108	70.1	55.9	83.9
77	58.9	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.850 ng

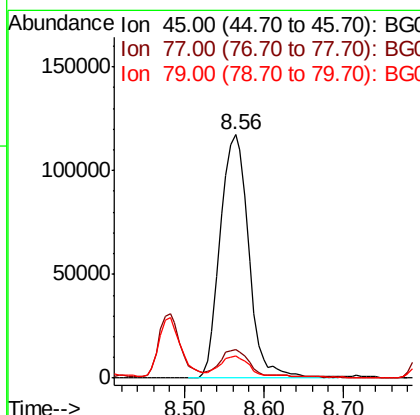
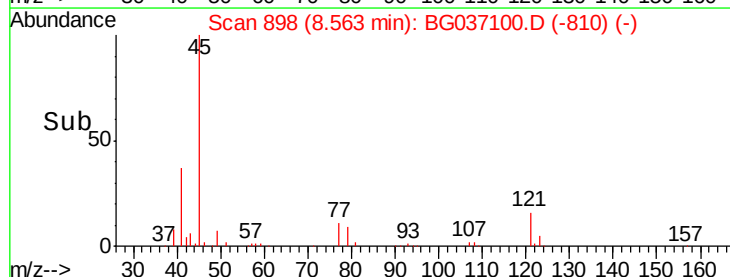
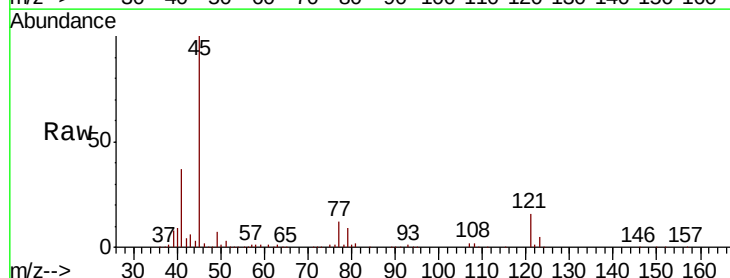
RT: 8.56 min Scan# 898

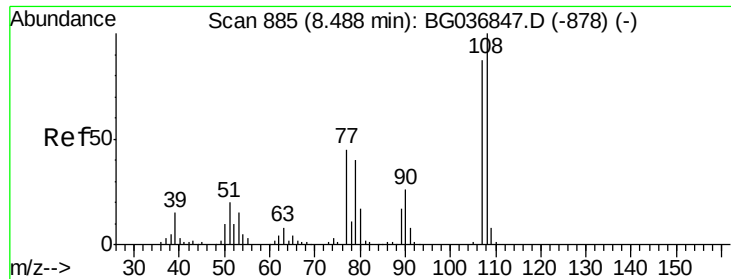
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	45	Resp:	293250
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	30.5
79	9.3	0.0	27.9





#17

2-Methylphenol

Concen: 42.127 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

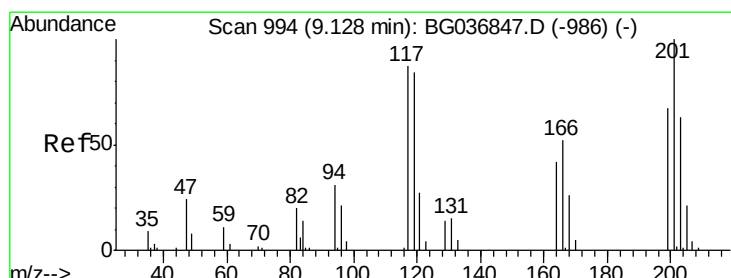
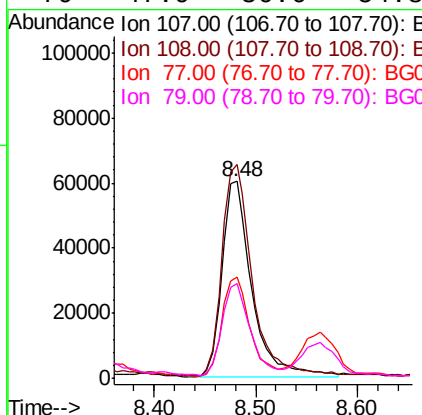
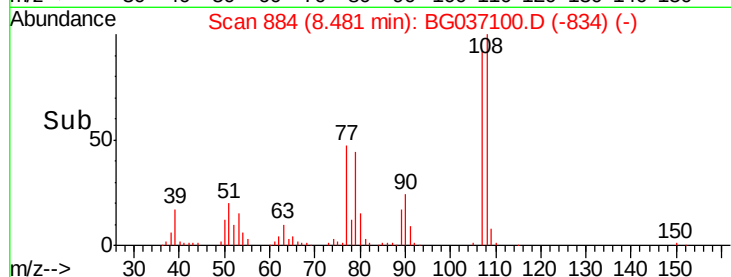
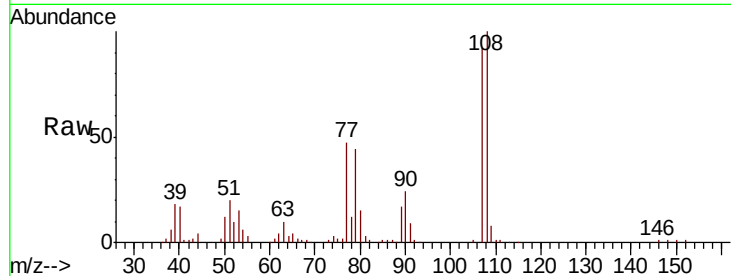
ClientSampled :

PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	121596		
108	108.6	86.7	130.1	
77	51.4	39.0	58.4	
79	47.9	36.6	54.8	

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#18

Hexachloroethane

Concen: 42.833 ng

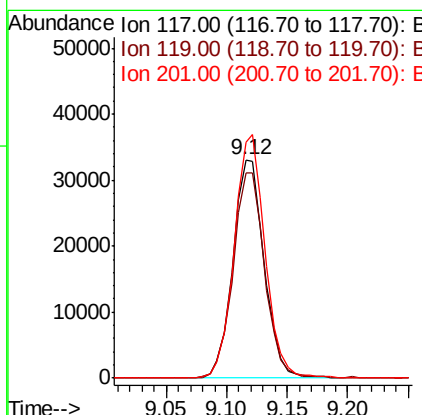
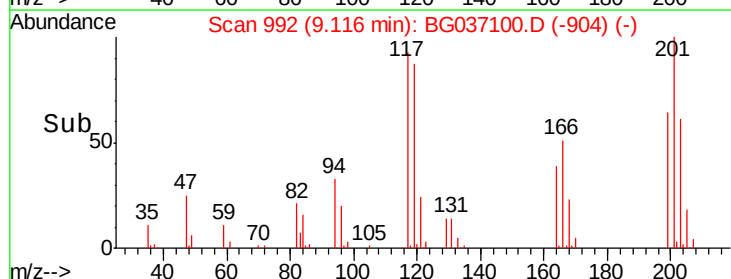
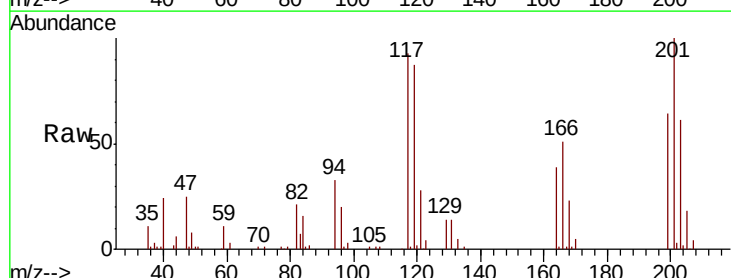
RT: 9.12 min Scan# 992

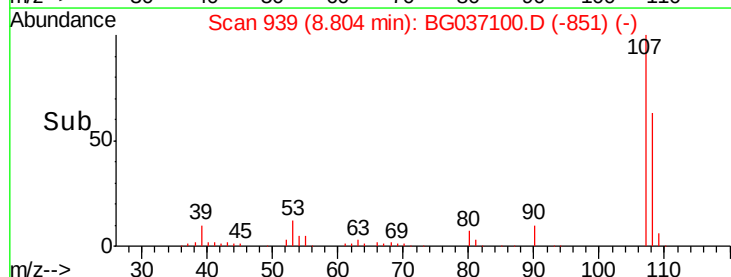
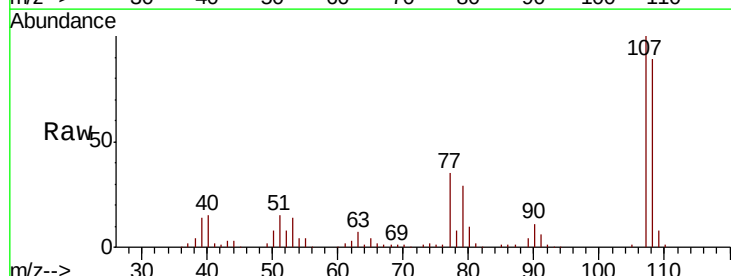
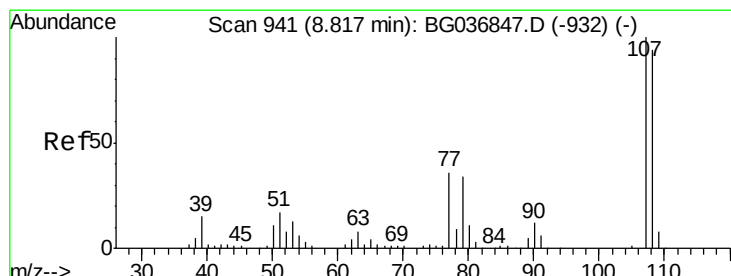
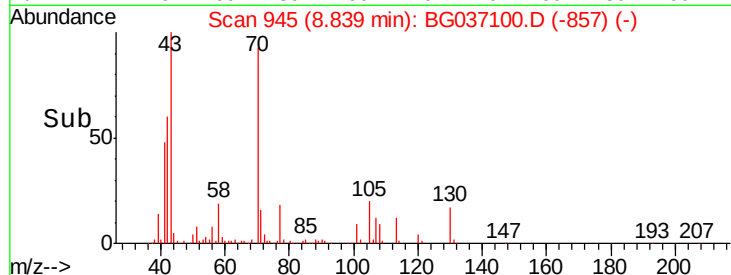
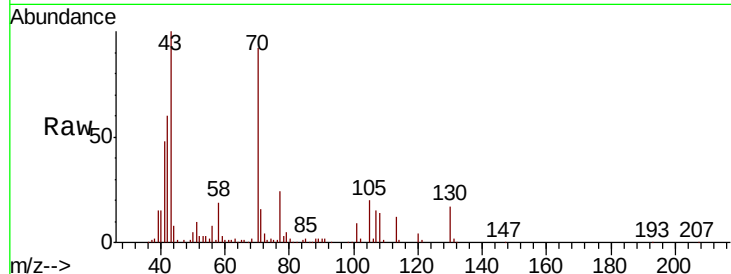
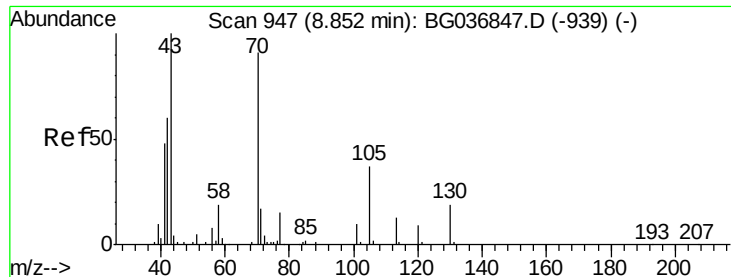
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

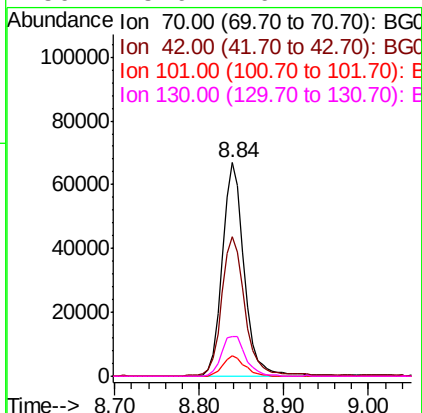
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59590		
119	93.9	76.8	115.2	
201	108.0	85.7	128.5	





#19
n-Nitroso-di-n-propylamine
Concen: 35.795 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.4	56.2	84.4	
101	9.5	7.8	11.6	
130	18.6	16.2	24.2	



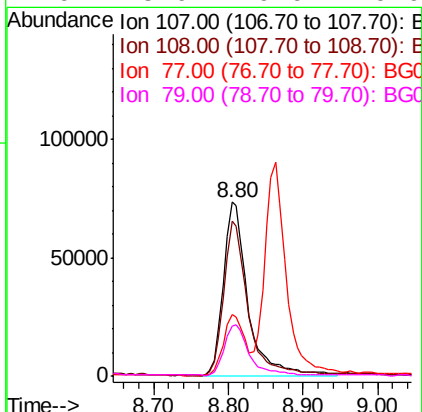
Instrument :
BNA_G
ClientSampled :
PB113413BS

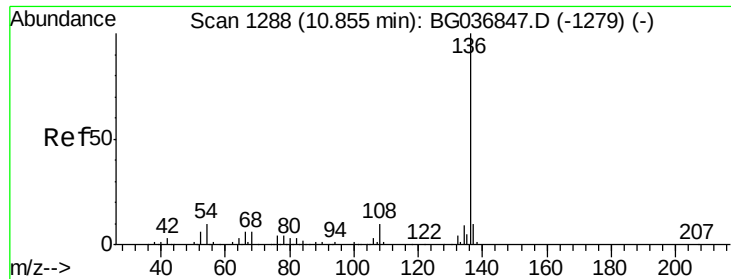
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#20
3+4-Methylphenols
Concen: 41.915 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	68.0	108.0	
77	35.3	15.6	55.6	
79	28.6	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

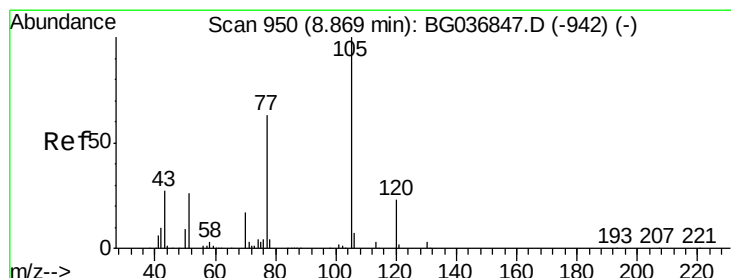
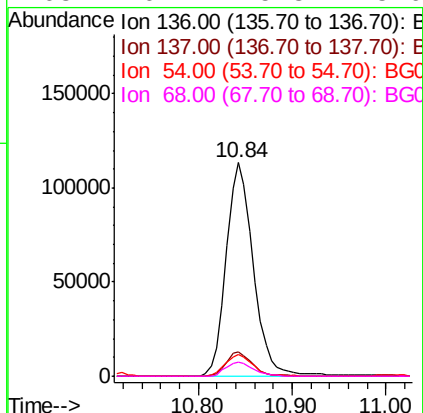
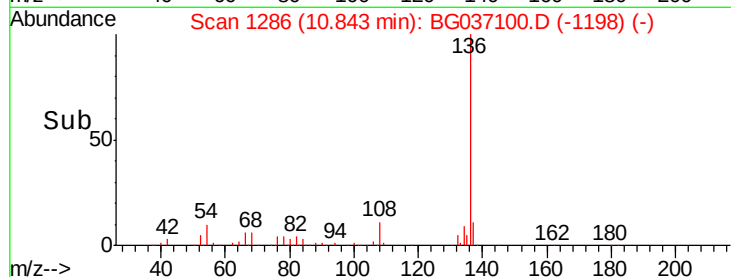
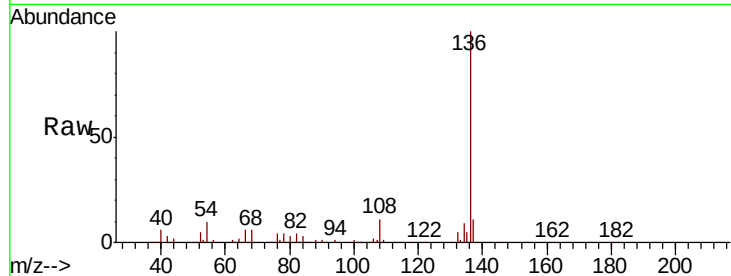
ClientSampleId :

PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	227720		
137	11.2		8.8	13.2
54	10.1		9.2	13.8
68	6.4		5.8	8.6

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#22

Acetophenone

Concen: 39.485 ng

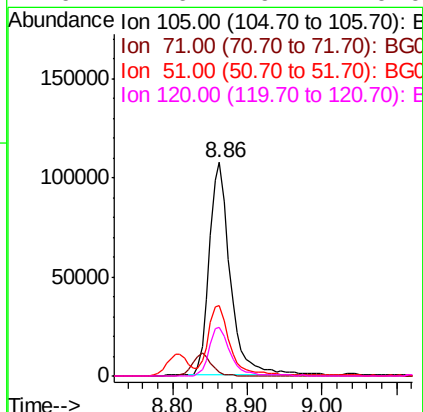
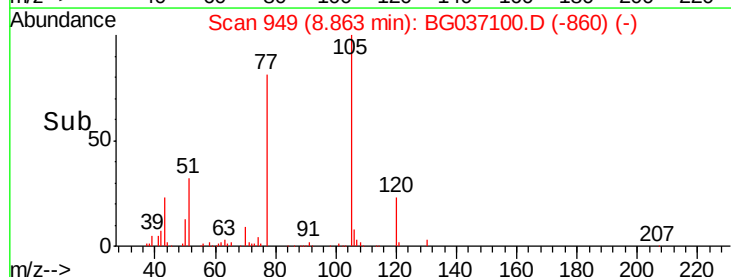
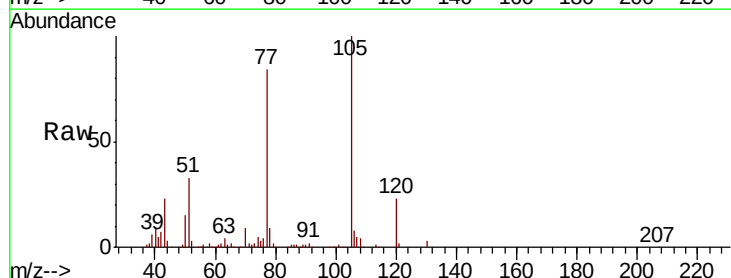
RT: 8.86 min Scan# 949

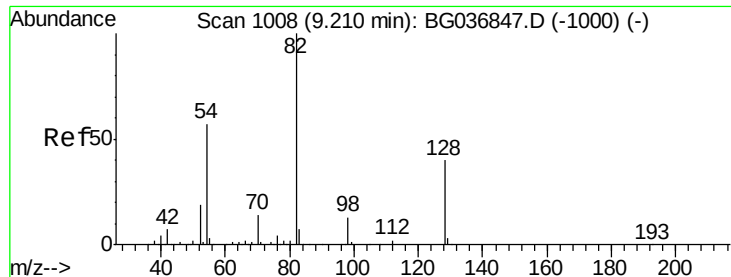
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211296		
71	1.6		2.4	3.6#
51	32.8		25.9	38.9
120	22.6		19.4	29.0





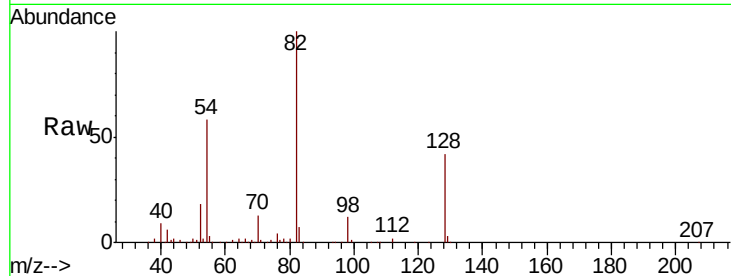
#23
Nitrobenzene-d5
Concen: 69.370 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	294987		
128	41.7	33.3	49.9	
54	57.6	45.1	67.7	

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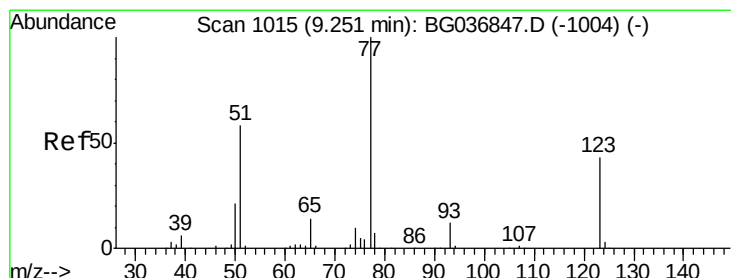
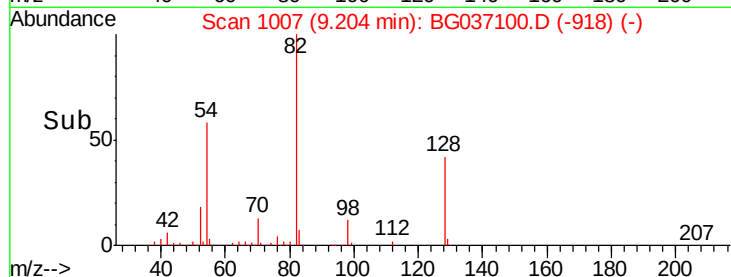
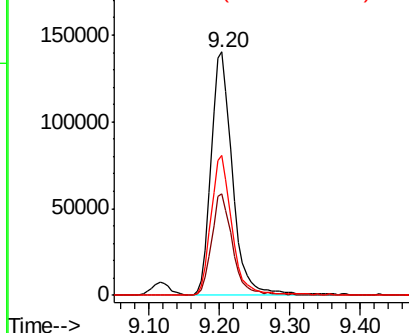


Abundance

Ion 82.00 (81.70 to 82.70): BGC

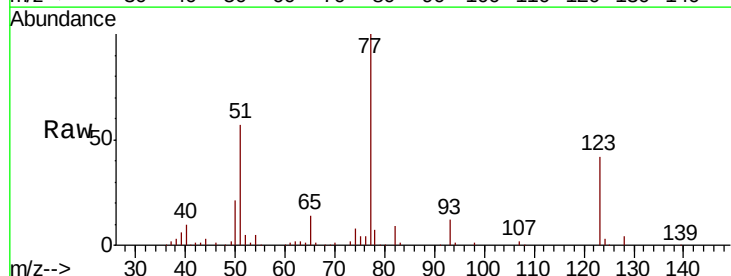
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 39.369 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	178779		
123	42.0	32.4	48.6	
65	13.7	11.5	17.3	

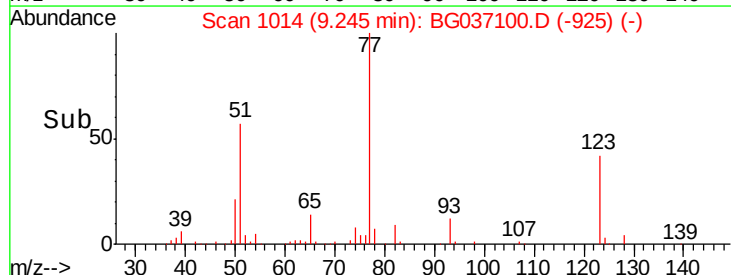
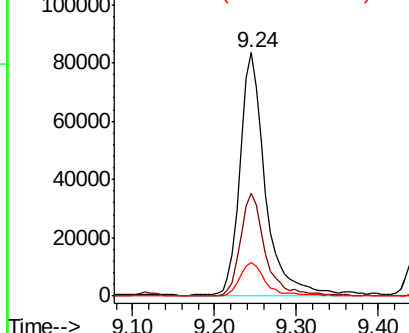


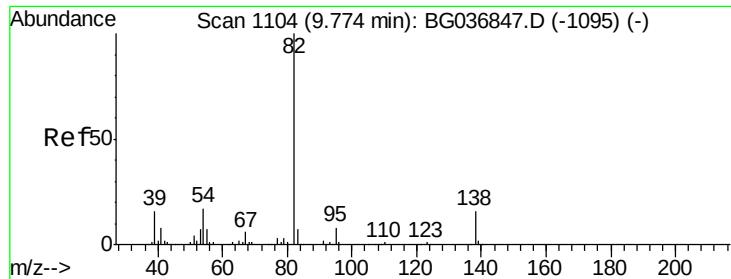
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.028 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

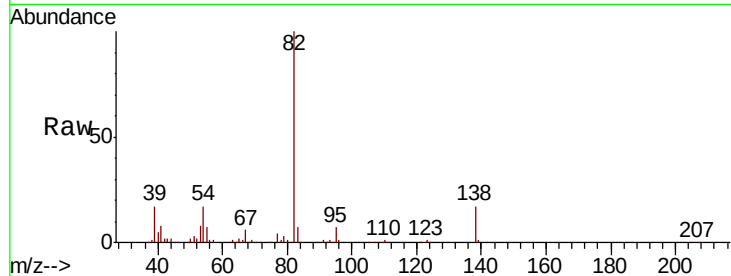
ClientSampled :

PB113413BS

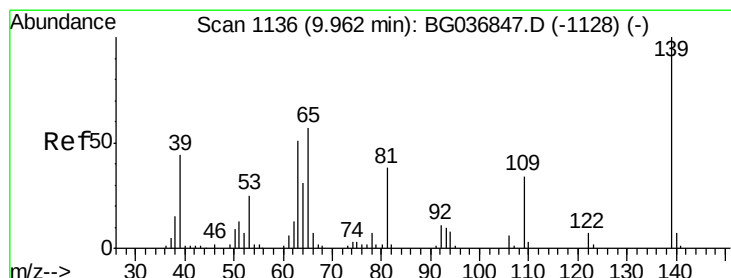
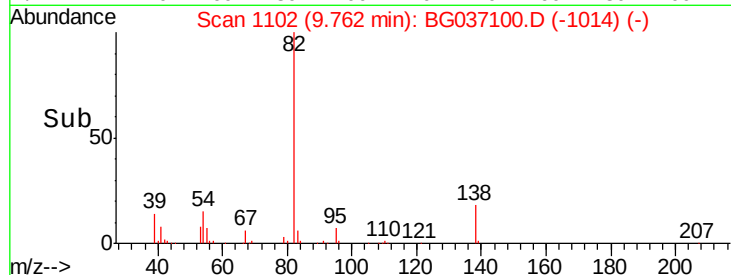
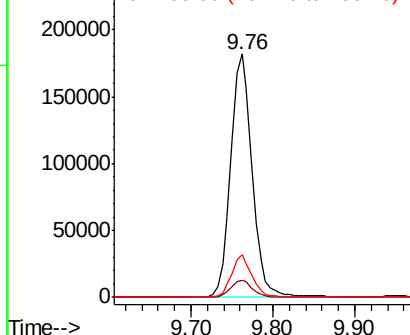
Tot Ion:	82	Resp:	334330
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.8
138	17.3	12.9	19.3

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.945 ng

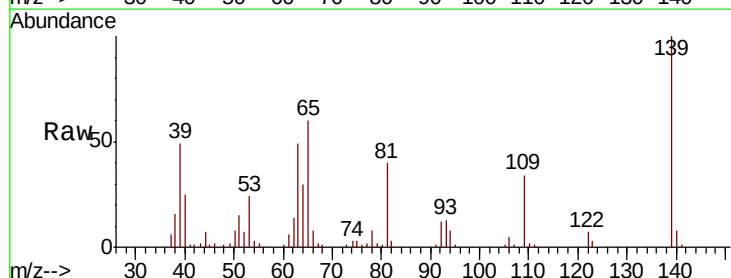
RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

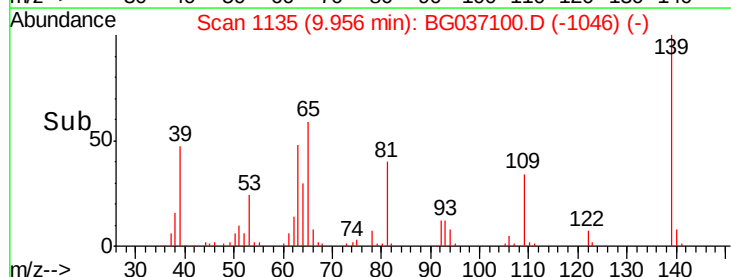
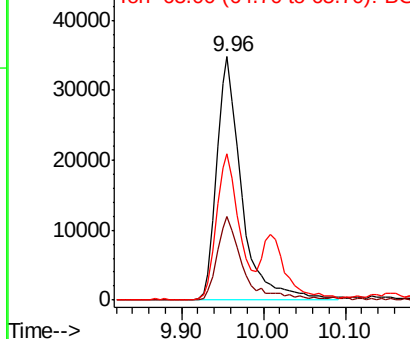
Lab File: BG037100.D

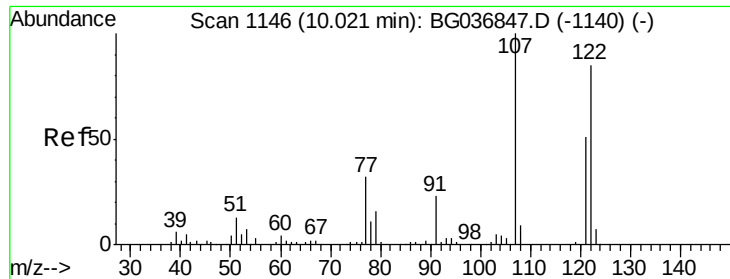
Acq: 2 Oct 2018 11:32

Tgt Ion:	139	Resp:	74114
Ion Ratio	Lower	Upper	
139	100		
109	34.3	27.4	41.0
65	60.2	47.8	71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





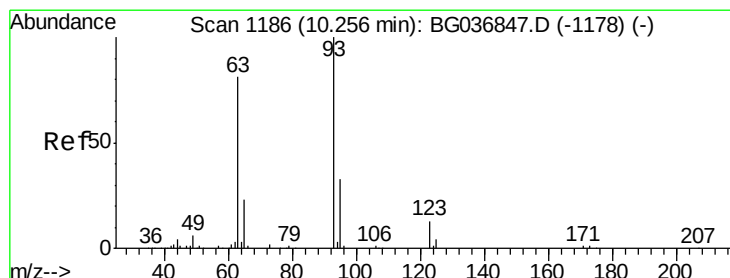
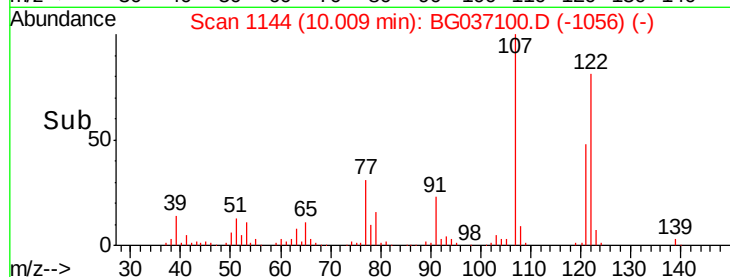
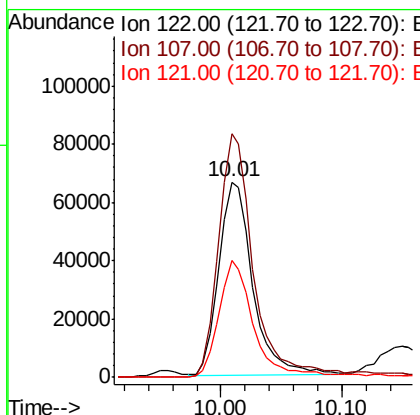
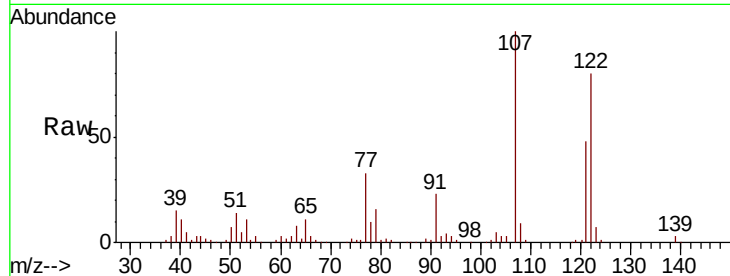
#27
2,4-Dimethylphenol
Concen: 46.068 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampled :
PB113413BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	96.0	144.0
121	59.9	48.2	72.4

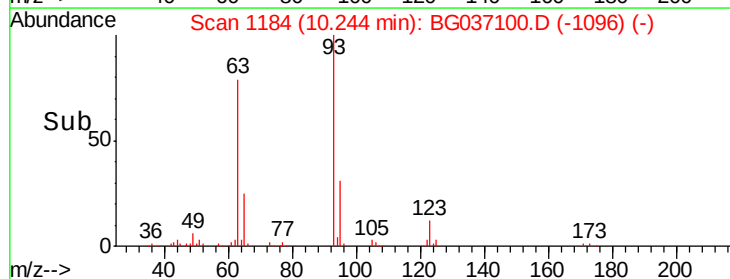
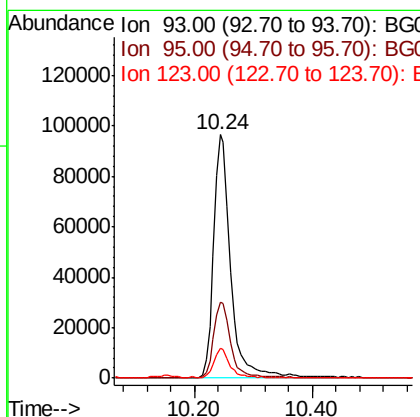
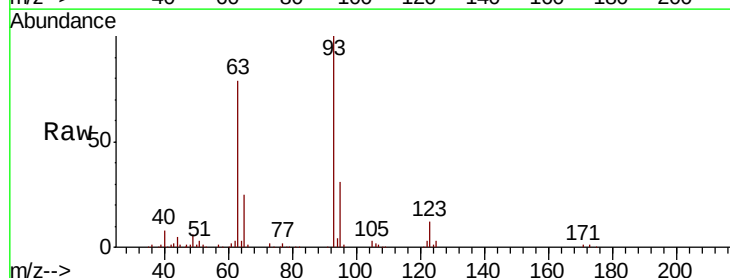
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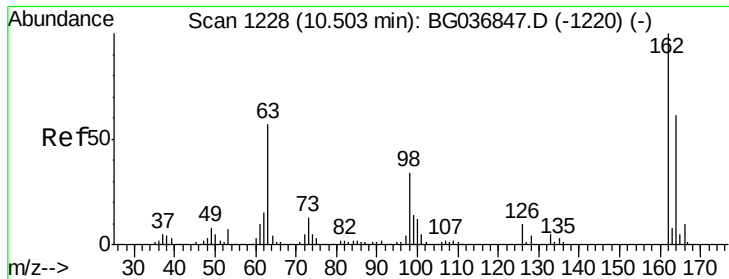
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.851 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.2	37.8
123	12.2	8.6	12.8





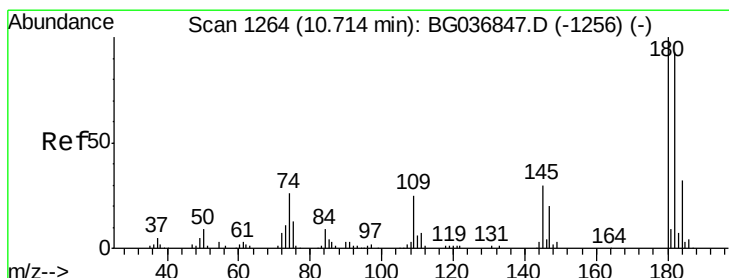
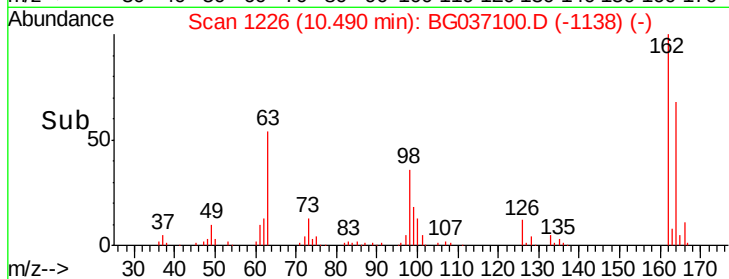
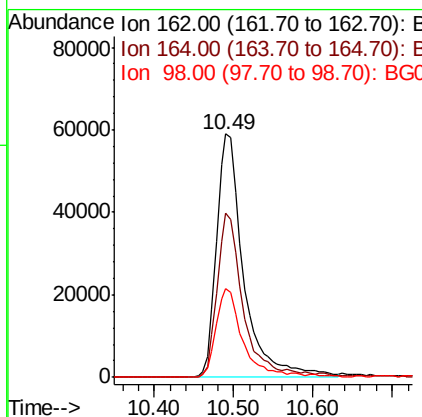
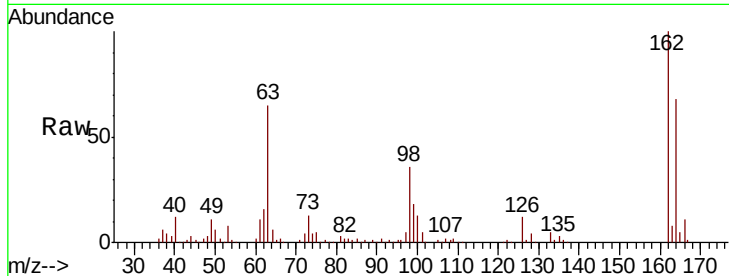
#29
 2,4-Dichlorophenol
 Concen: 42.871 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion:	162	Resp:	140126
Ion Ratio	Lower	Upper	
162	100		
164	67.7	47.6	87.6
98	36.2	19.2	59.2

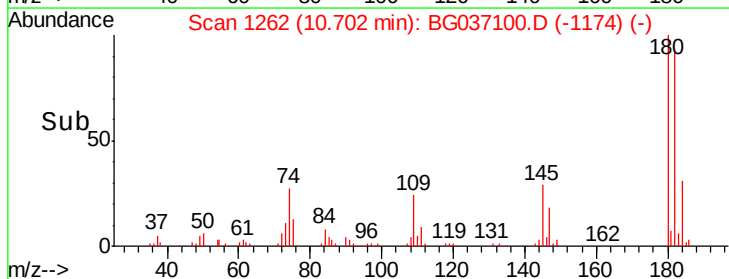
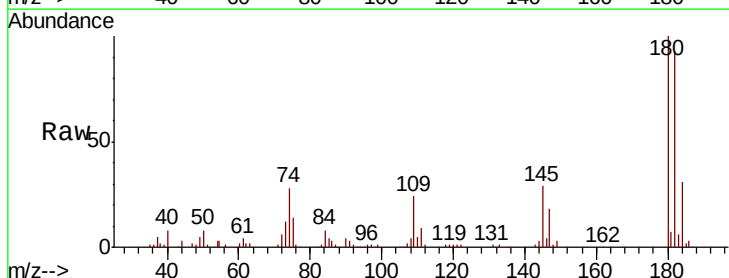
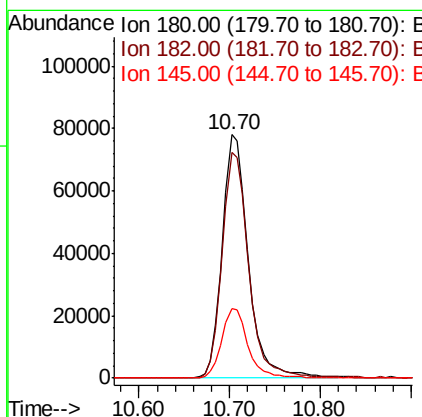
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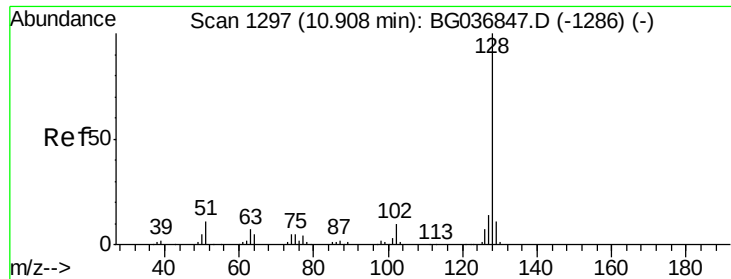
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.160 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:	180	Resp:	156087
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.0	114.0
145	28.8	22.9	34.3





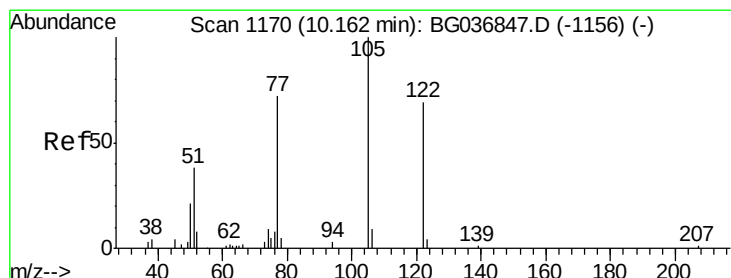
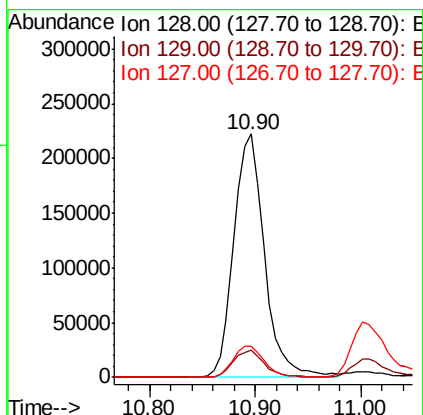
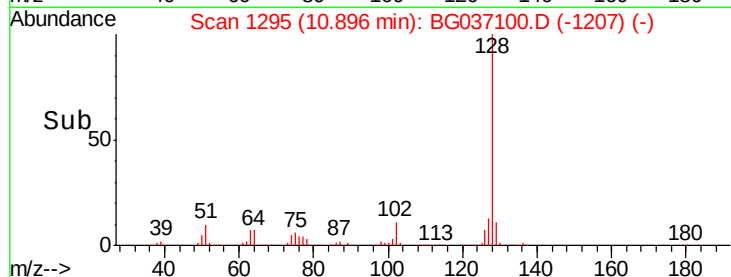
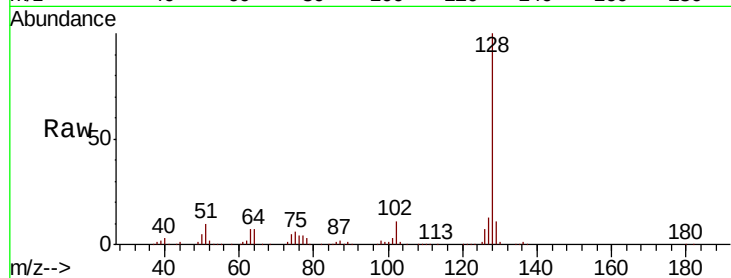
#31
Naphthalene
Concen: 41.340 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.0	11.0	16.4

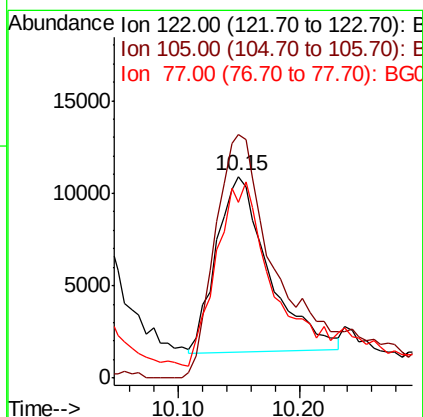
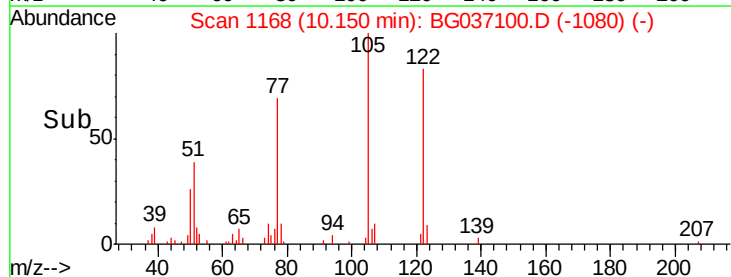
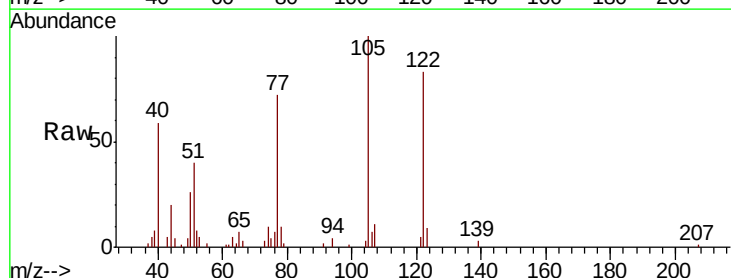
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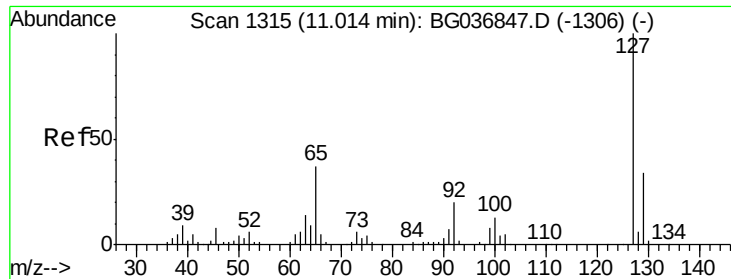
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#32
Benzoic acid
Concen: 17.518 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	108.1	148.1
77	87.1	76.3	116.3





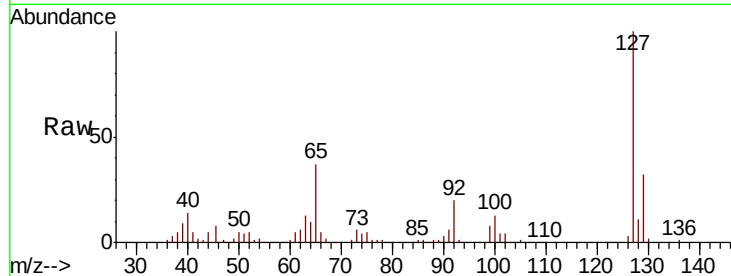
#33
4-Chloroaniline
Concen: 24.997 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	37.2	27.5	41.3		
92	19.7	16.2	24.2		

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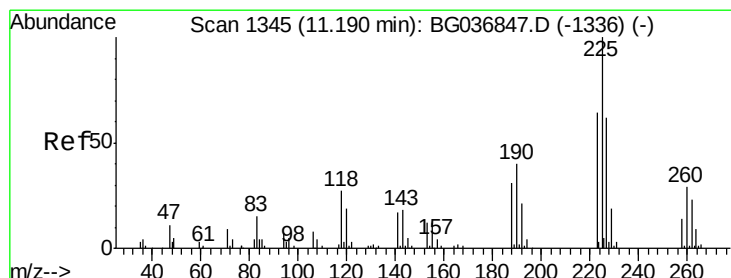
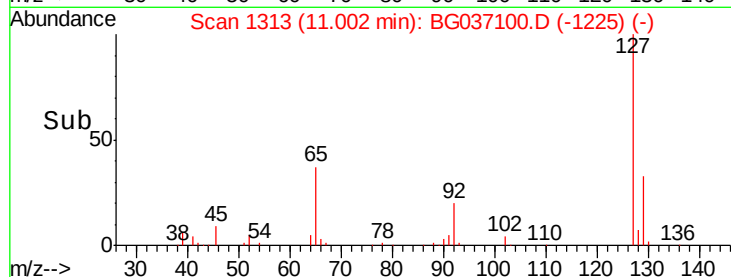
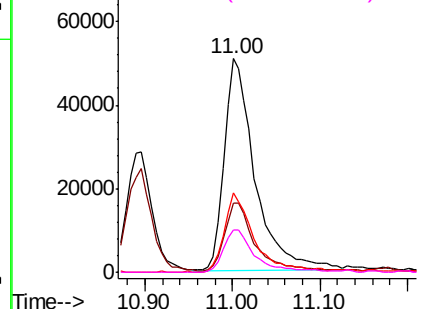
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

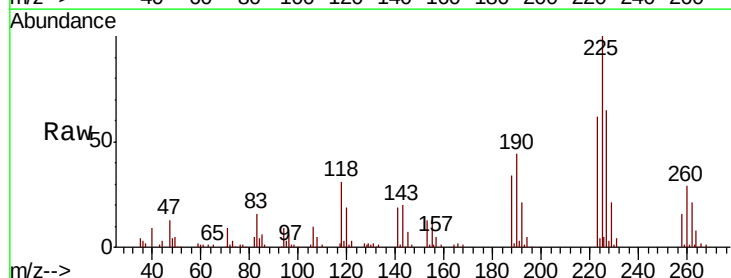
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.069 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	51.8	77.8		
227	64.9	49.8	74.6		

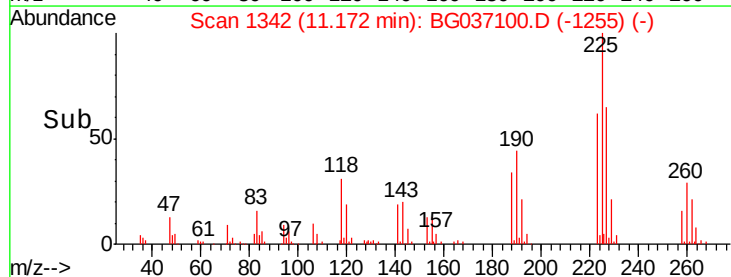
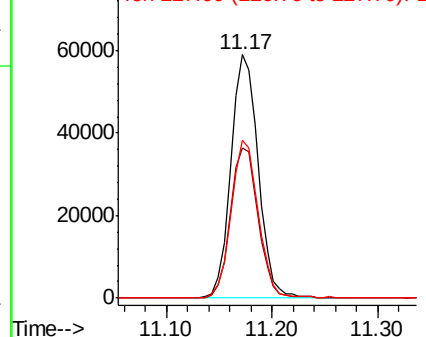


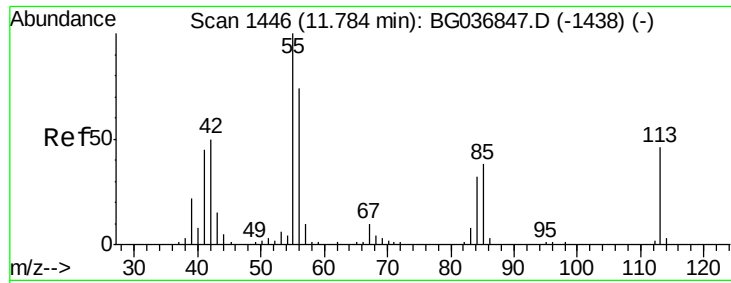
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.966 ng/mL

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampled :

PB113413BS

Tot Ion: 113 Resp: 49729

Ion Ratio Lower Upper

113 100

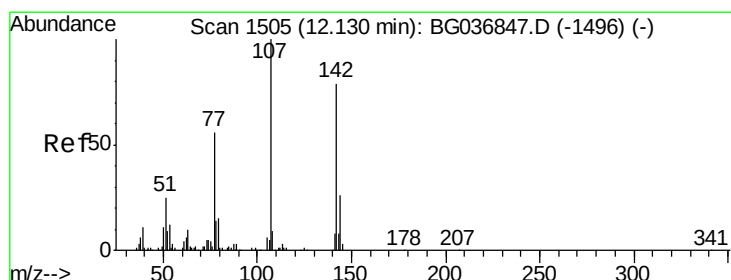
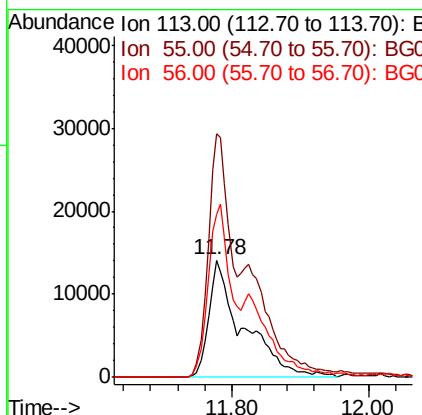
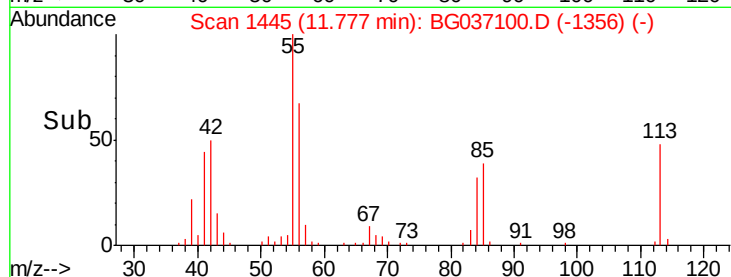
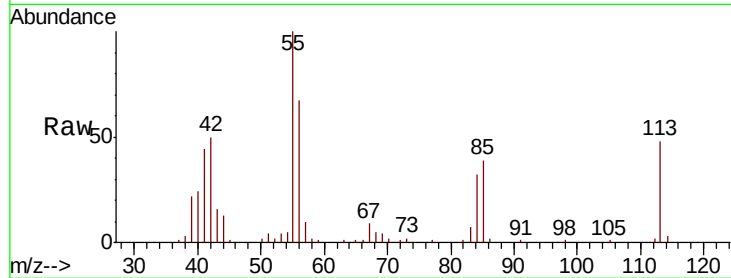
55 207.8 197.7 237.7

56 138.6 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 39.399 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

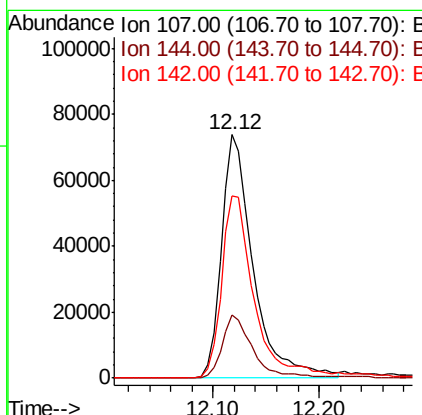
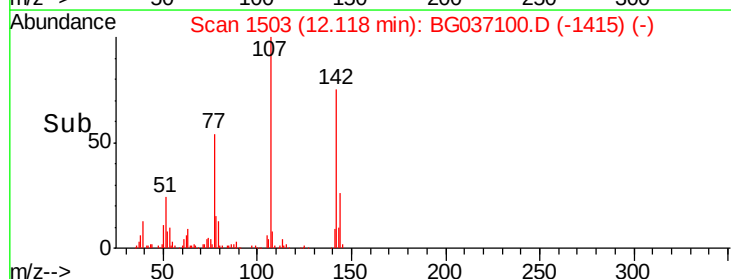
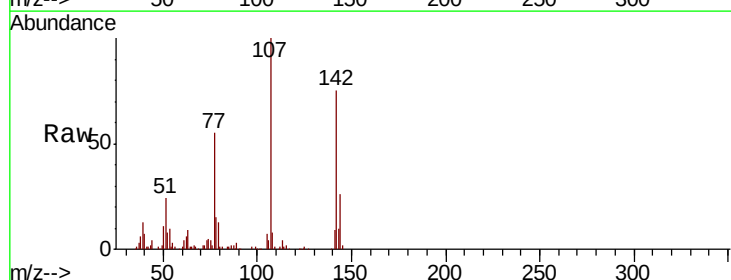
Tgt Ion: 107 Resp: 153658

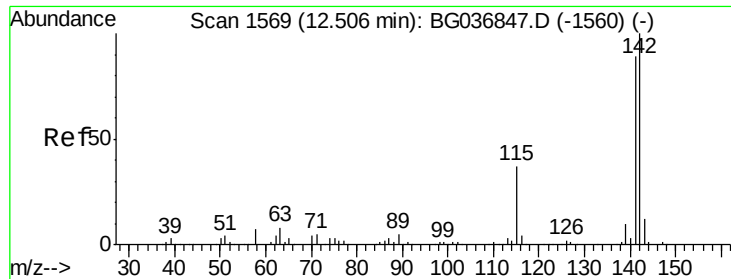
Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

142 74.8 62.4 93.6





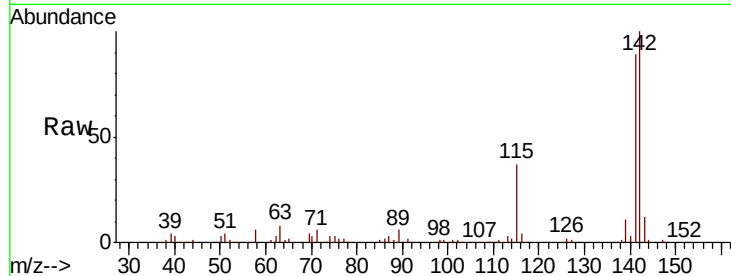
#37
2-Methylnaphthalene
Concen: 41.028 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	68.5	102.7
115	36.9	29.8	44.8

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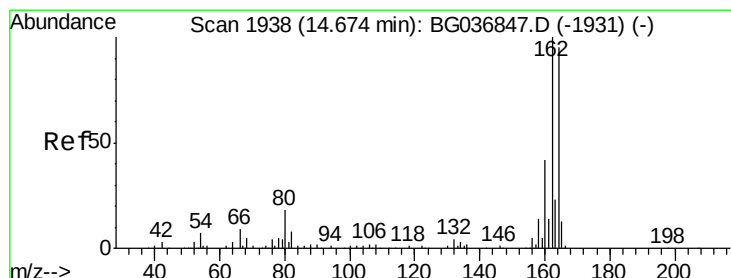
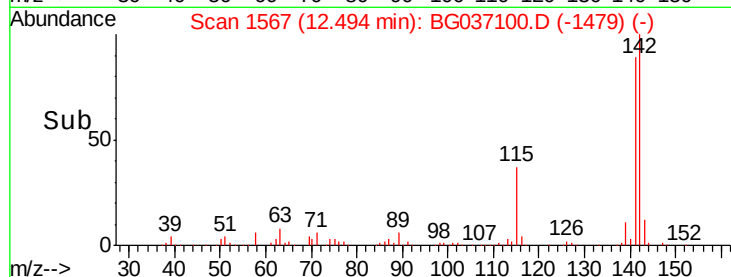
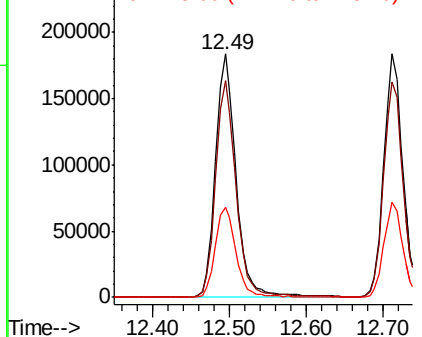


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

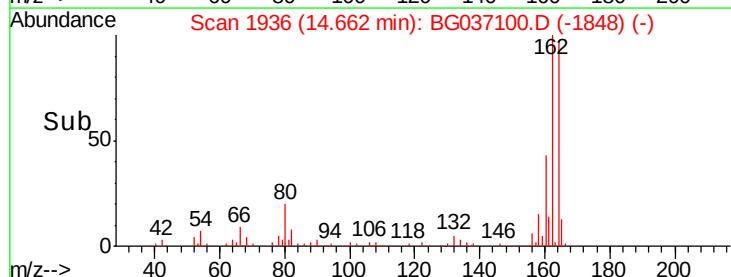
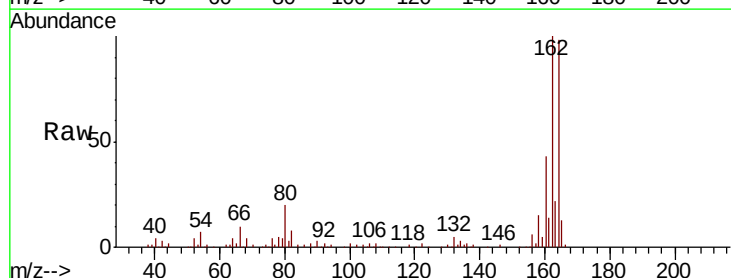
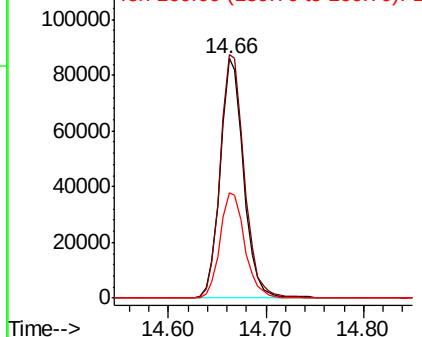
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	43.8	35.3	52.9

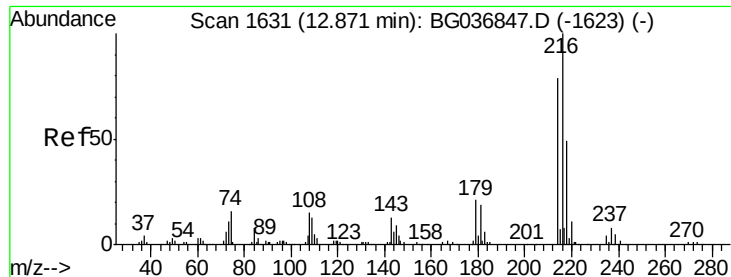
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





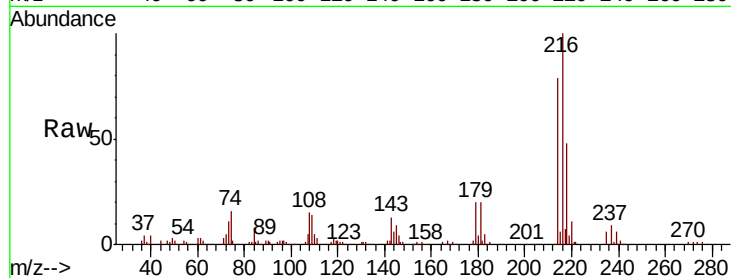
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.436 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		186785		
214	77.2	61.0	91.6		
179	19.7	15.7	23.5		
108	18.6	13.1	19.7		

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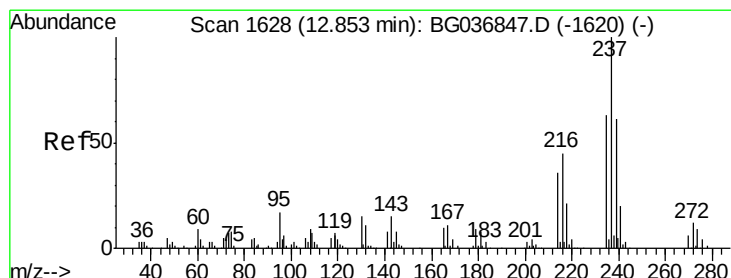
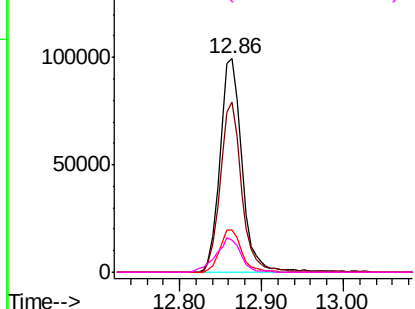
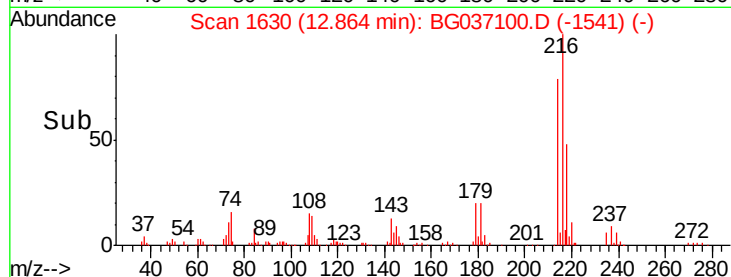
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

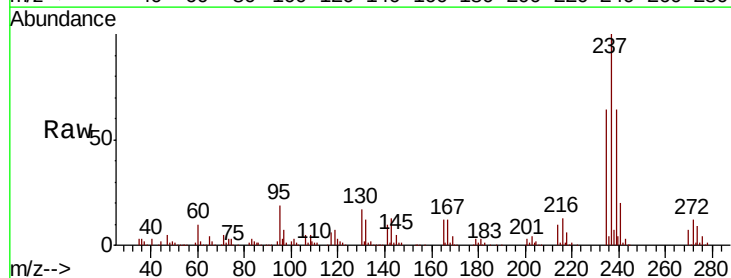
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 79.068 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		202894		
235	63.5	42.2	82.2		
272	11.6	0.0	32.1		

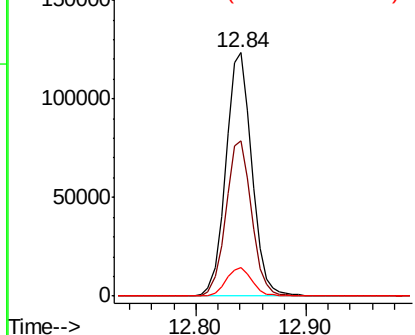
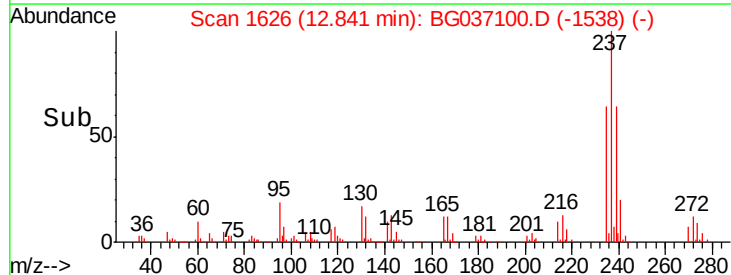


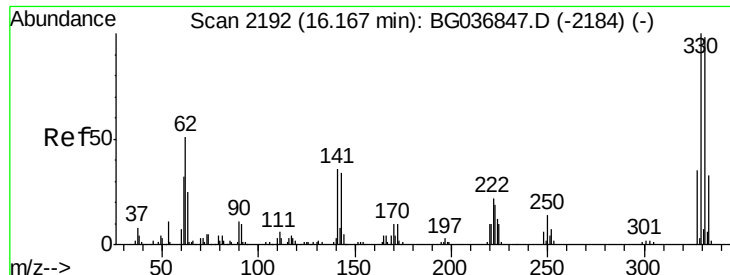
Abundance

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





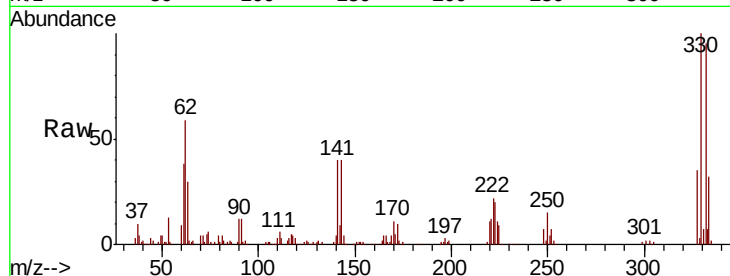
#41
 2,4,6-Tribromophenol
 Concen: 105.368 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	180342		
332	95.6		75.4	113.2
141	40.1		30.7	46.1

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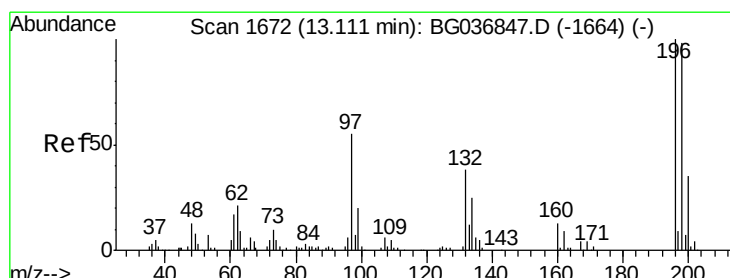
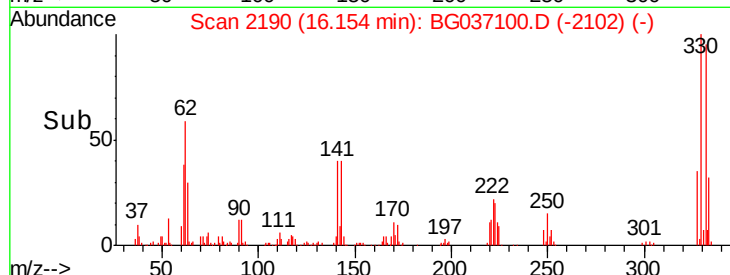
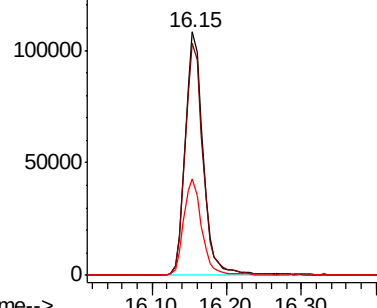


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 41.415 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

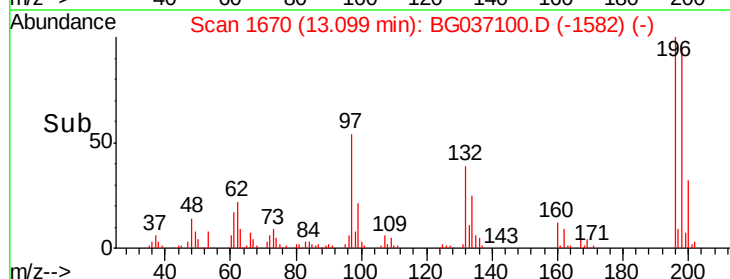
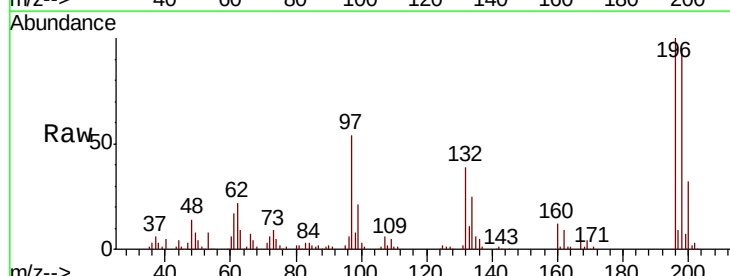
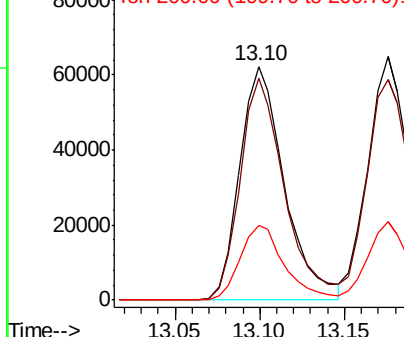
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114747		
198	95.1		77.2	115.8
200	32.1		26.3	39.5

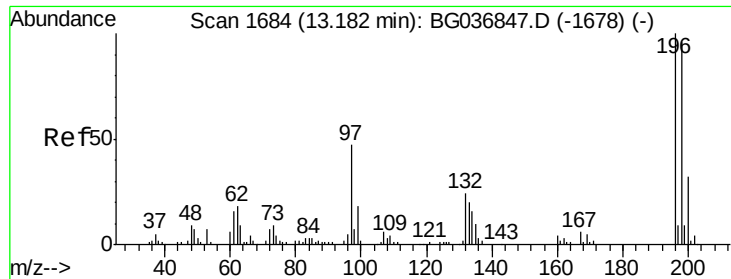
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





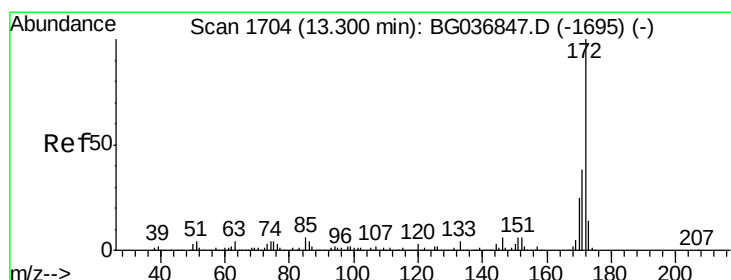
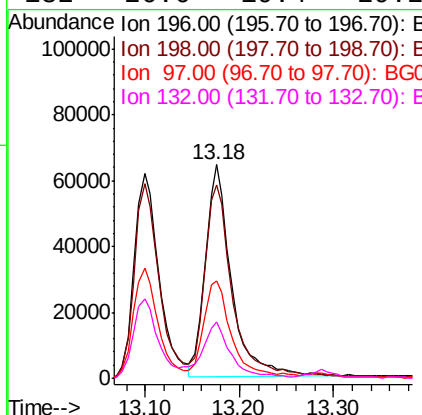
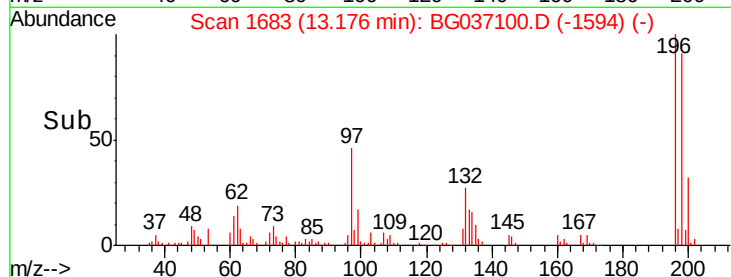
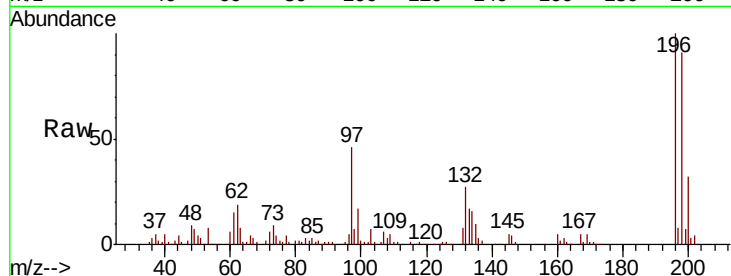
#43
 2,4,5-Trichlorophenol
 Concen: 42.760 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampled :
 PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126328		
198	90.8	75.6	113.4	
97	45.7	37.2	55.8	
132	26.6	19.4	29.2	

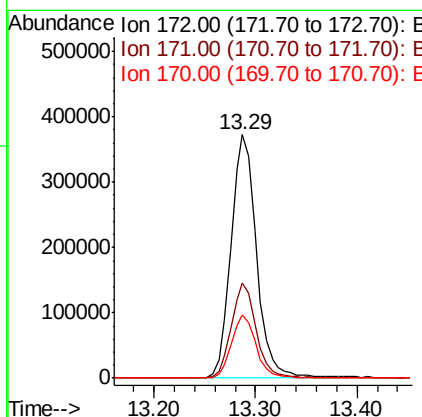
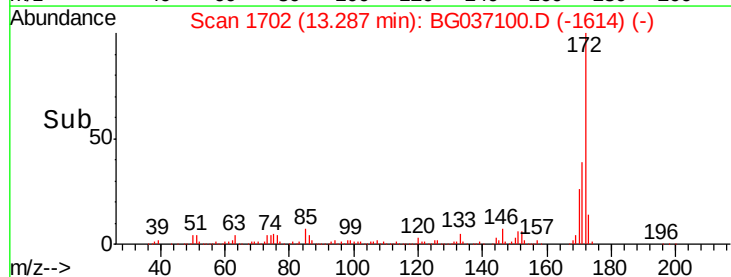
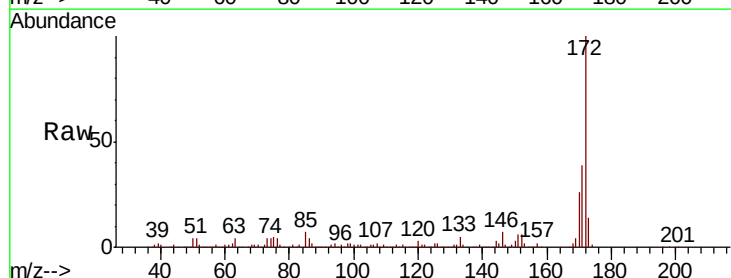
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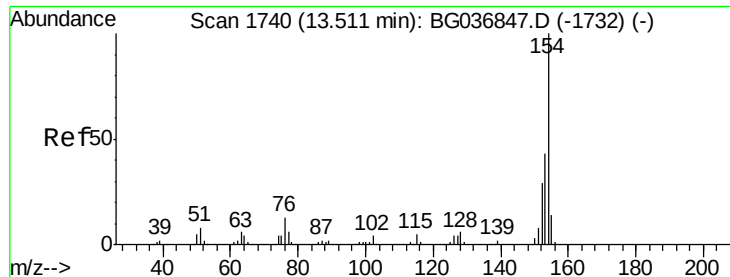
Sohil
 10/2/2018 5:20:34 PM



#44
 2-Fluorobiphenyl
 Concen: 67.738 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	650606		
171	38.8	31.3	46.9	
170	26.1	21.0	31.6	





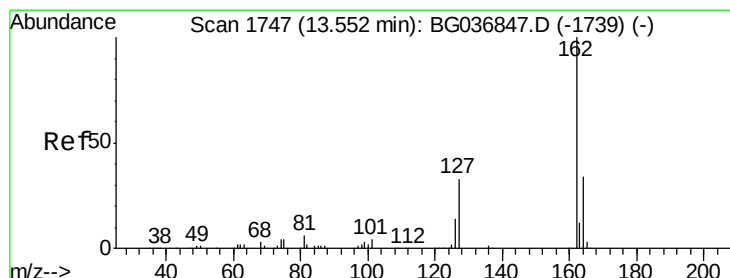
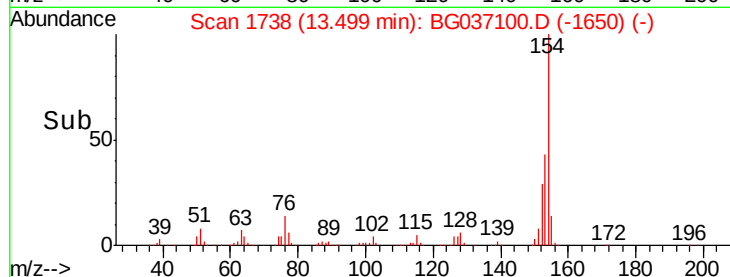
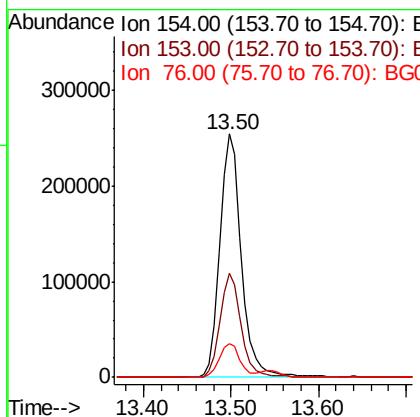
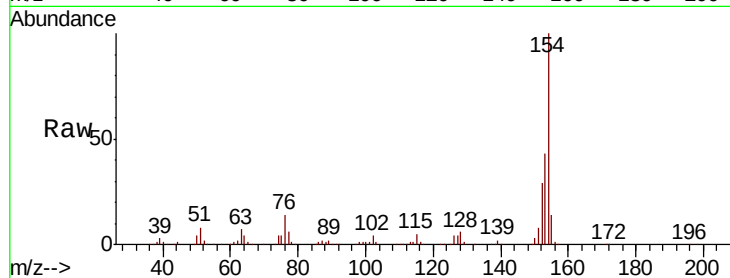
#45
 1,1'-Biphenyl
 Concen: 39.678 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	24.0	64.0
76	13.8	0.0	32.9

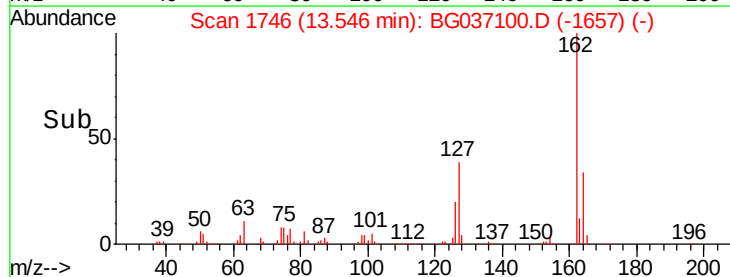
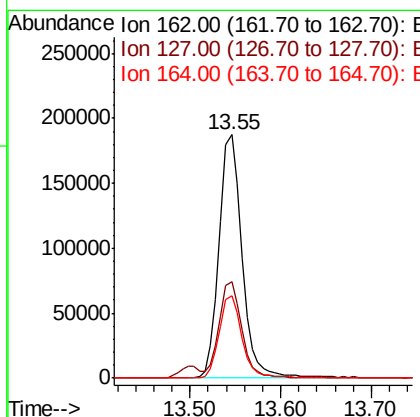
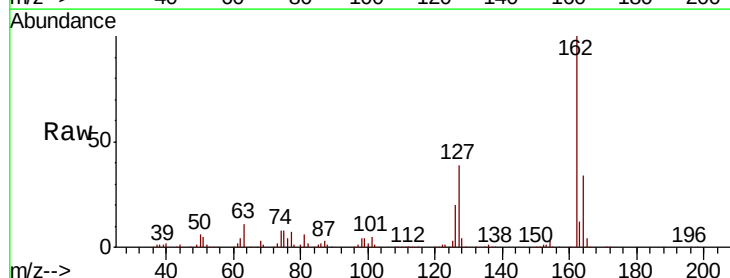
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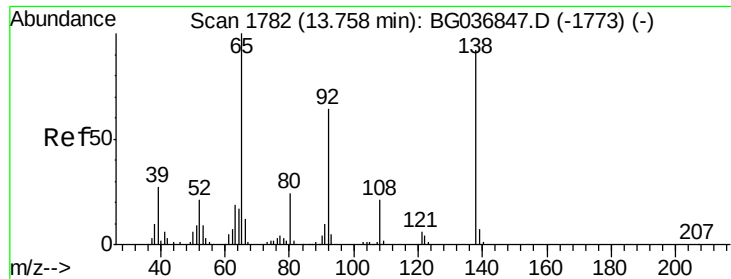
Sohil
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#46
 2-Chloronaphthalene
 Concen: 38.450 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	33.7	26.7	40.1





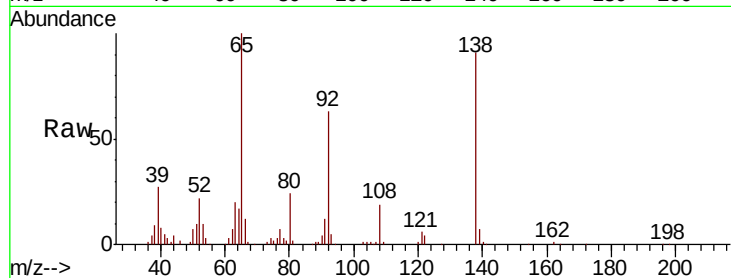
#47
2-Nitroaniline
Concen: 40.250 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	49.9	74.9
138	90.5	76.2	114.4

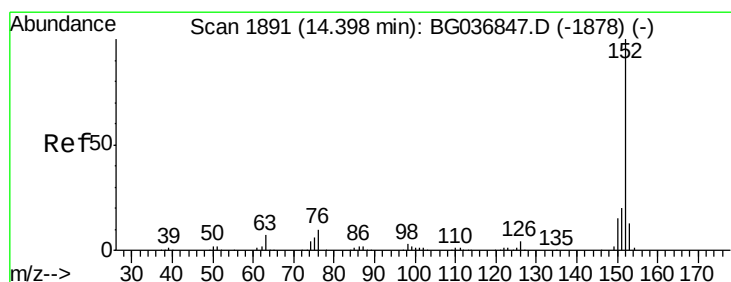
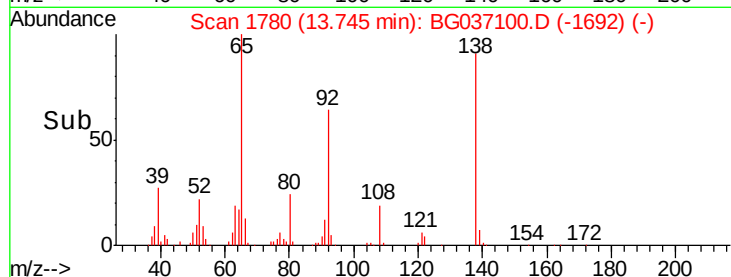
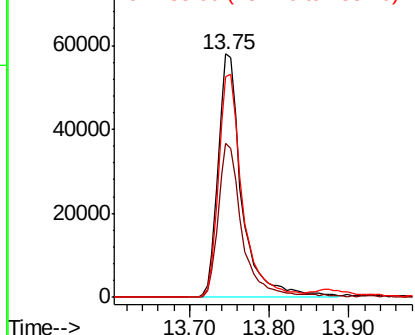
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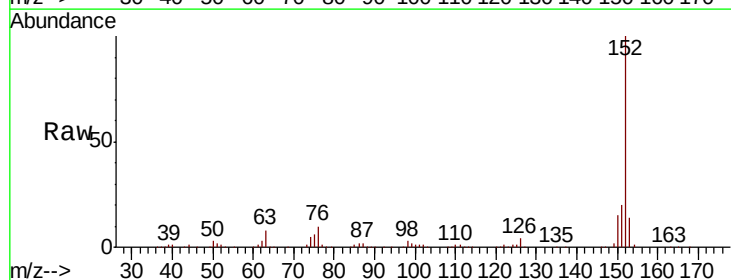
Abundance

Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



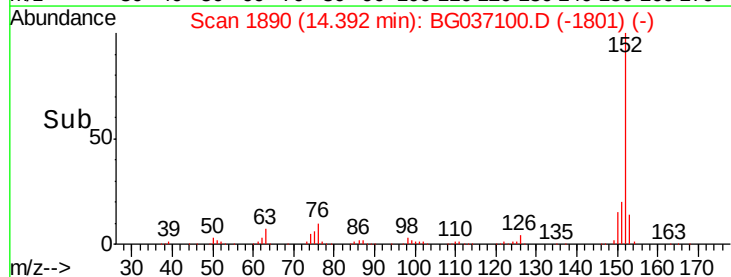
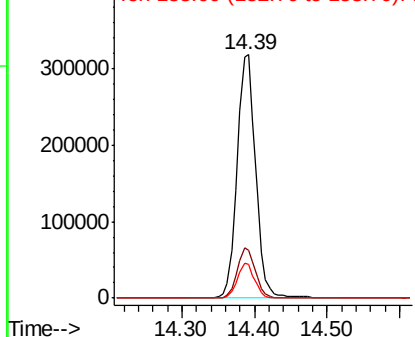
#48
Acenaphthylene
Concen: 41.958 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

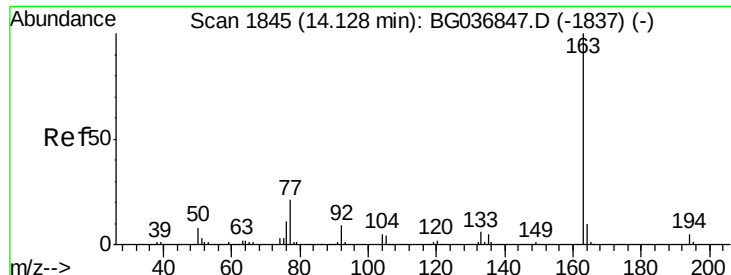
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.9	25.3
153	13.7	11.2	16.8



Abundance

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





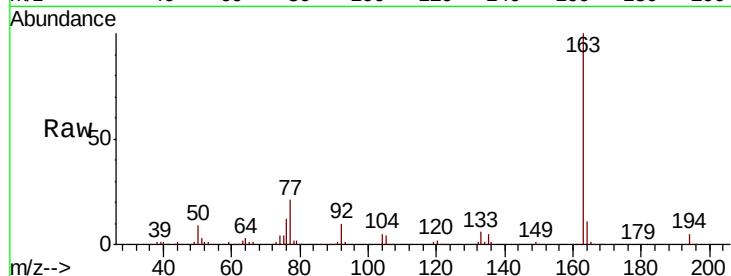
#49
Dimethylphthalate
Concen: 38.290 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

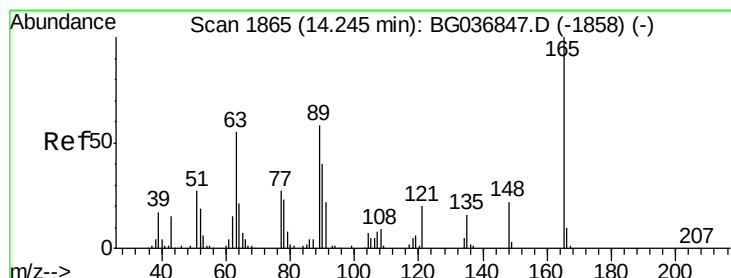
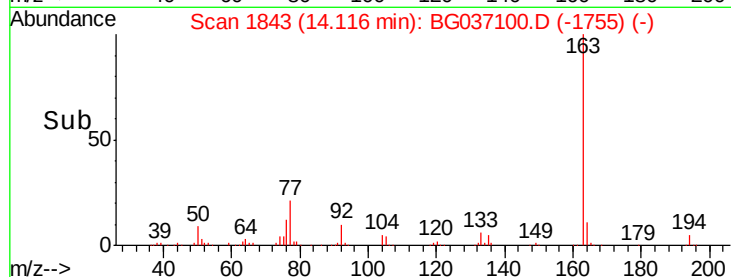
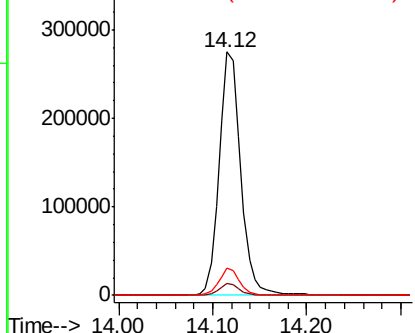
Tot Ion	Ratio	Resp	Lower	Upper
163	100	440906		
194	4.8		4.0	6.0
164	11.0		8.1	12.1

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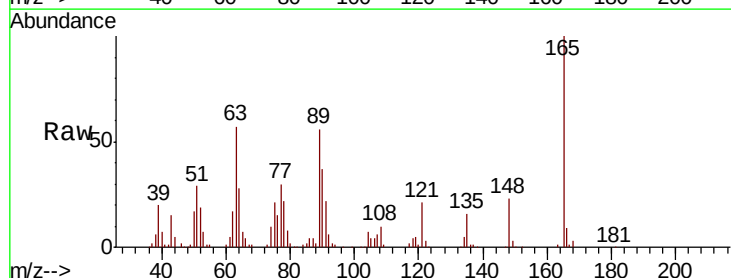


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

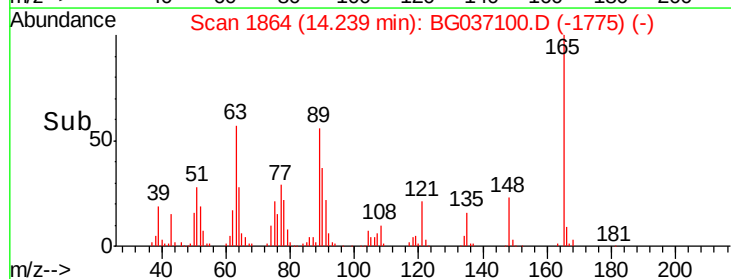
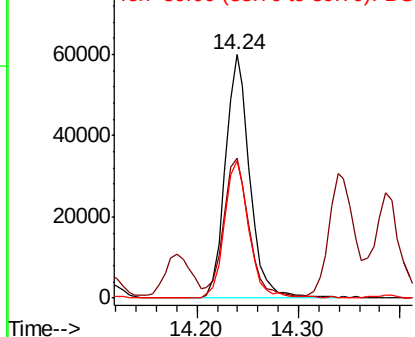


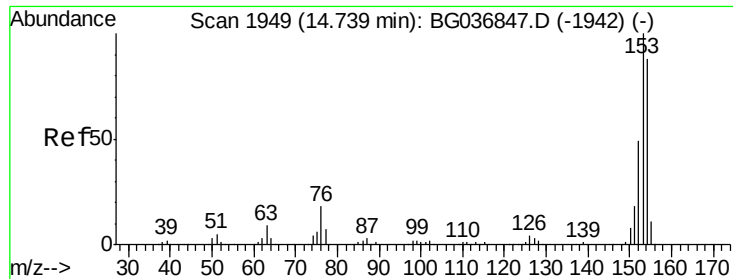
#50
2,6-Dinitrotoluene
Concen: 39.760 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99889		
63	57.5		50.1	75.1
89	56.4		47.8	71.6



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





#51

Acenaphthene

Concen: 39.461 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

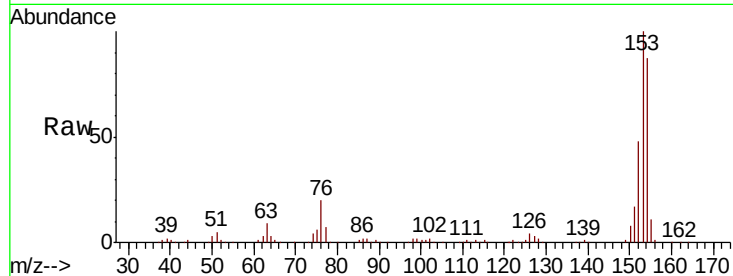
ClientSampleId :

PB113413BS

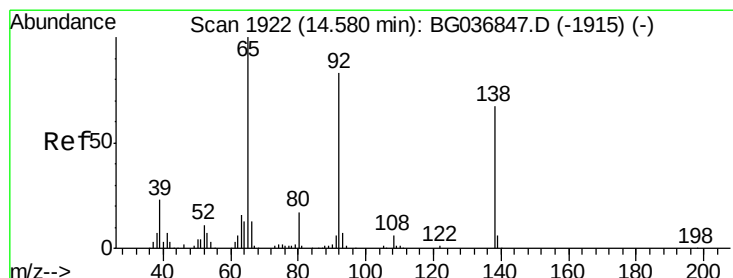
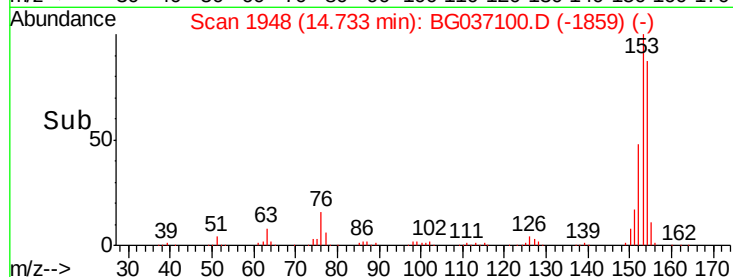
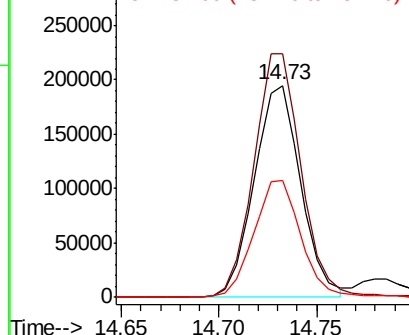
Tot Ion:	154	Resp:	321991
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.8	137.6
152	55.2	43.5	65.3

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



#52

3-Nitroaniline

Concen: 31.065 ng

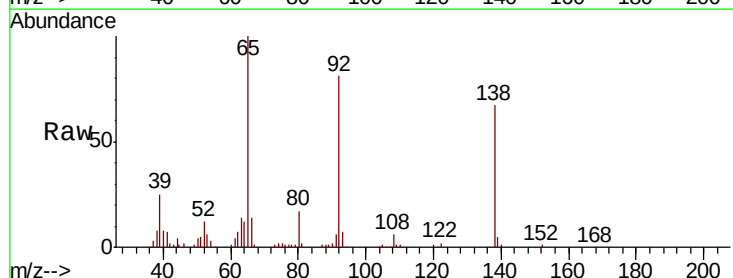
RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

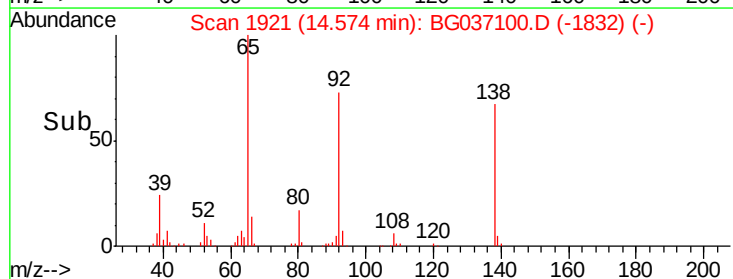
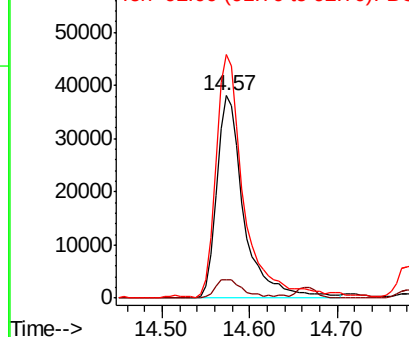
Lab File: BG037100.D

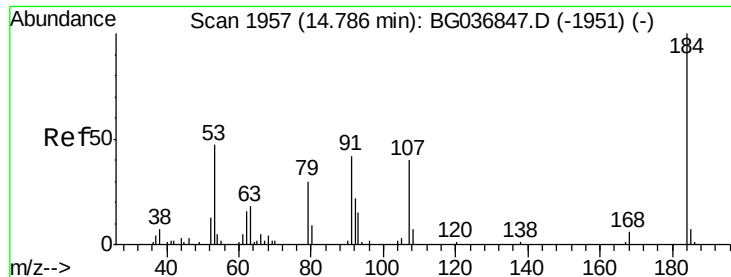
Acq: 2 Oct 2018 11:32

Tgt Ion:	138	Resp:	82240
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.2#
92	120.2	96.8	145.2



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





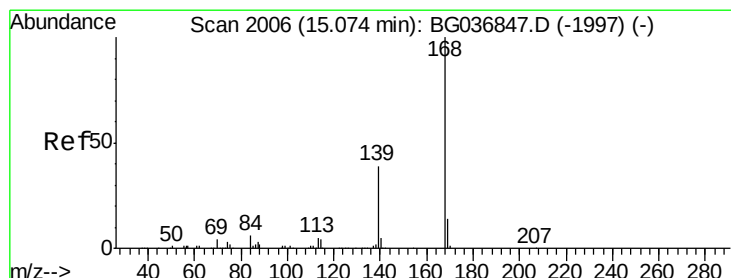
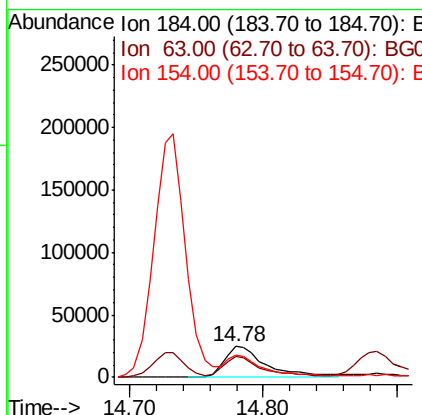
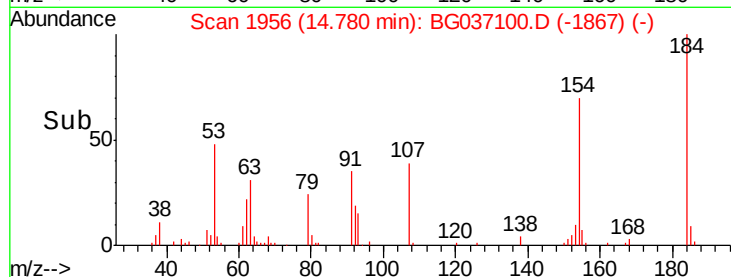
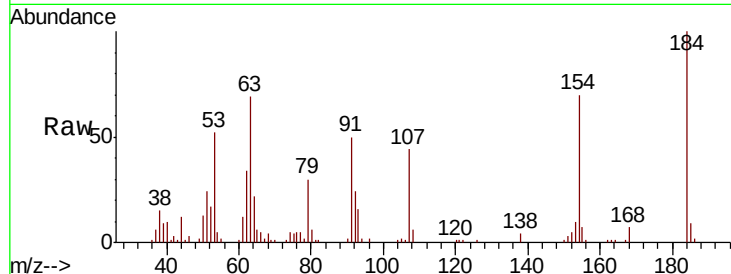
#53
2,4-Dinitrophenol
Concen: 48.778 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampled :
PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.4	47.3	70.9	
154	70.3	51.1	76.7	

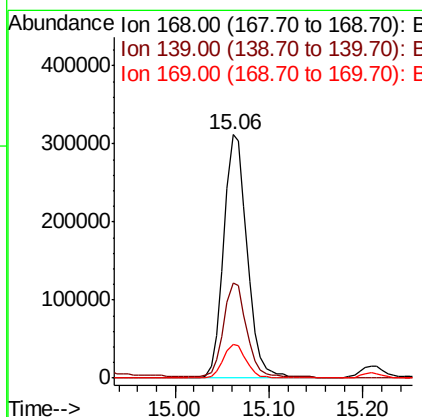
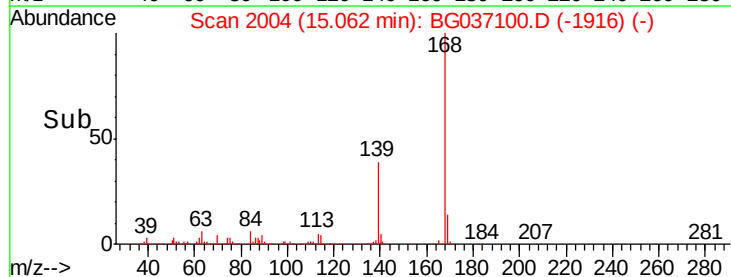
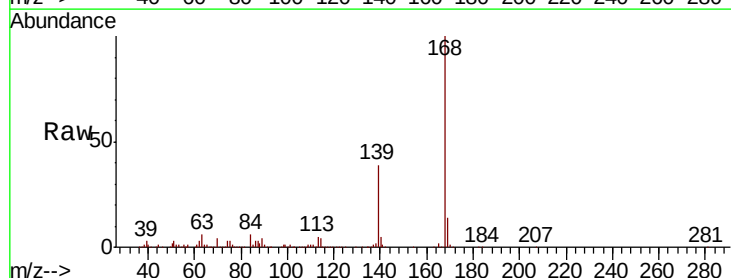
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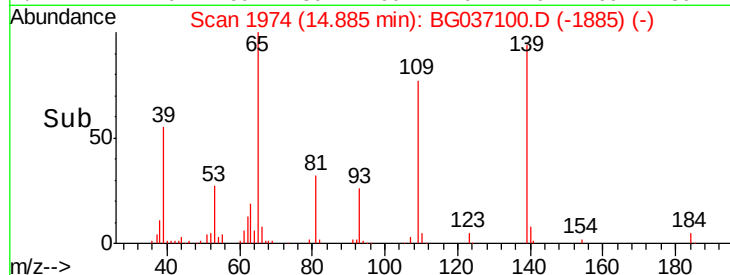
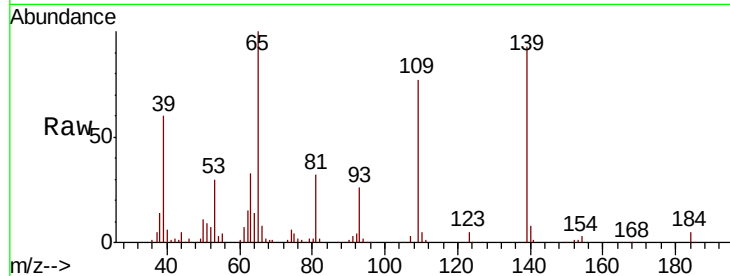
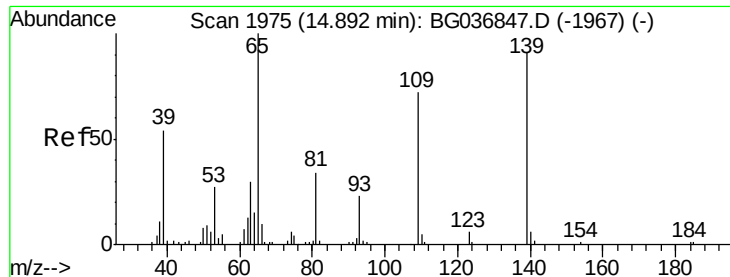
Sohil
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#54
Dibenzofuran
Concen: 39.491 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	31.0	46.6	
169	14.0	11.1	16.7	





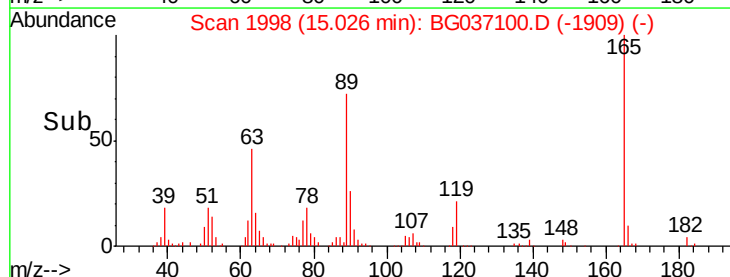
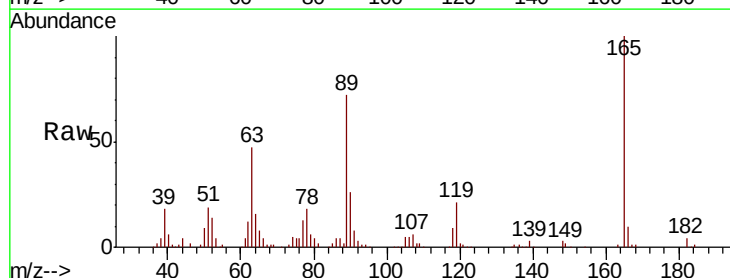
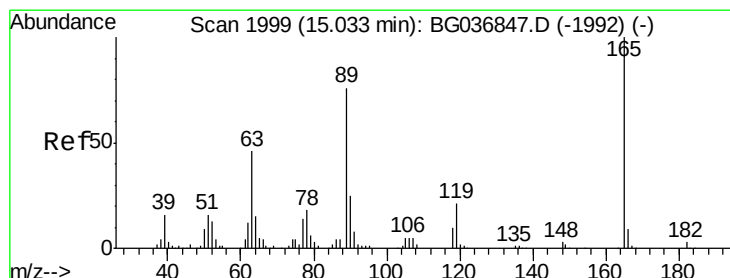
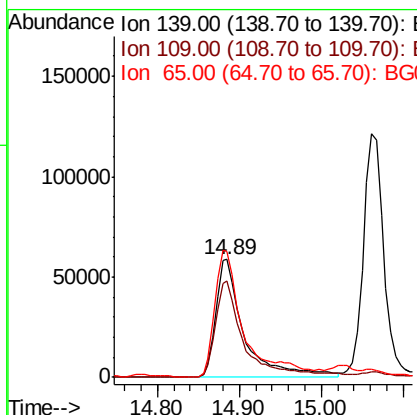
#55
4-Nitrophenol
Concen: 83.887 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	141874		
109	82.1	63.9	103.9	
65	107.1	90.0	130.0	

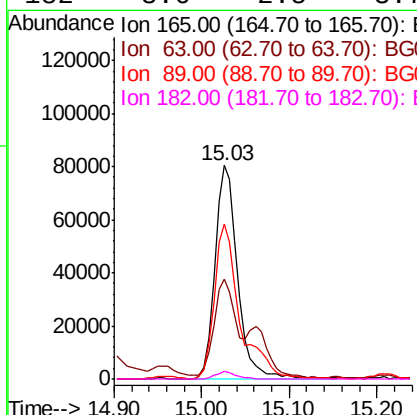
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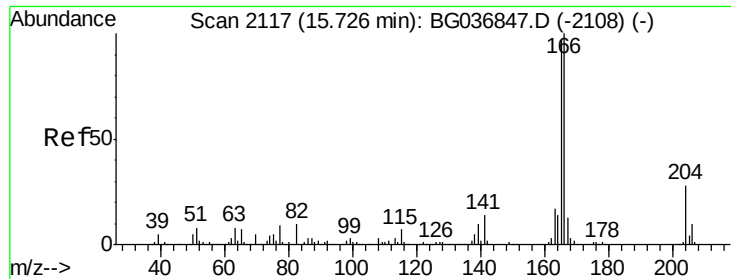
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.015 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143784		
63	46.9	40.1	60.1	
89	72.4	63.7	95.5	
182	3.6	2.5	3.7	





#57

Fluorene

Concen: 41.869 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

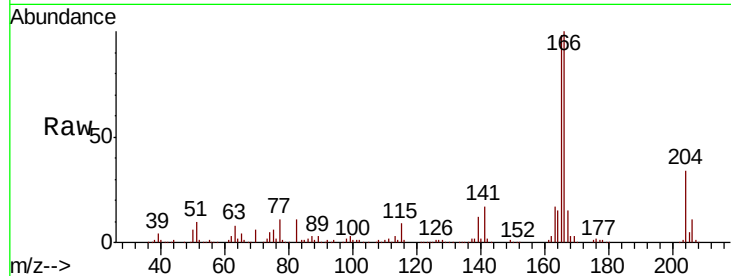
ClientSampleId :

PB113413BS

Tot Ion:	166	Resp:	431917
Ion Ratio		Lower	Upper
166	100		
165	98.3	77.0	115.4
167	14.7	10.6	16.0

Manual Integrations
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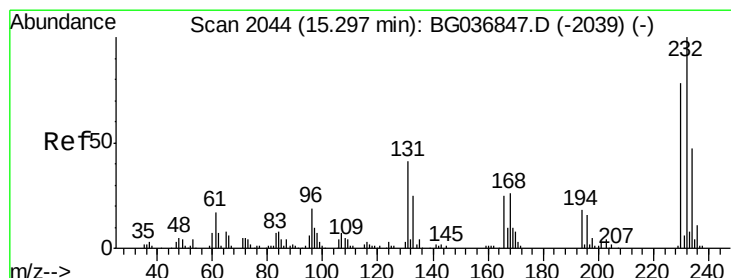
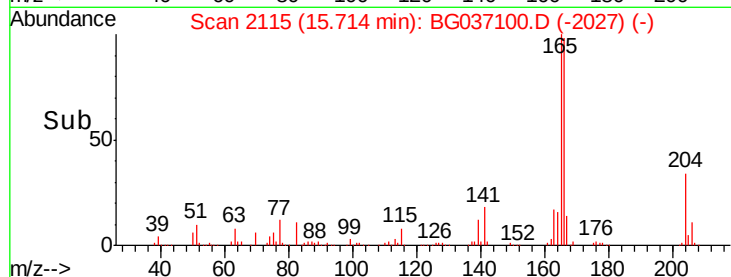
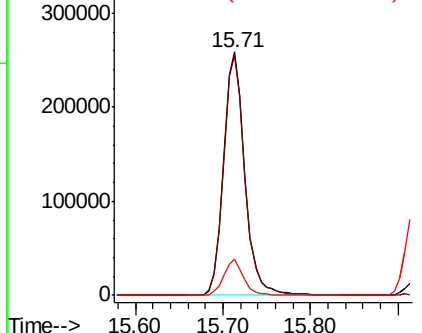


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.310 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	232	Resp:	126804
Ion Ratio		Lower	Upper
232	100		
131	40.8	33.8	50.8
130	2.5	2.1	3.1
166	29.6	22.3	33.5

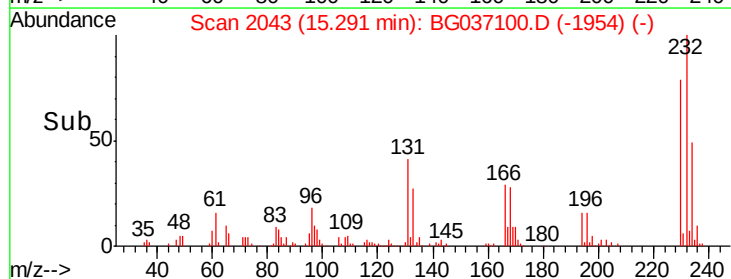
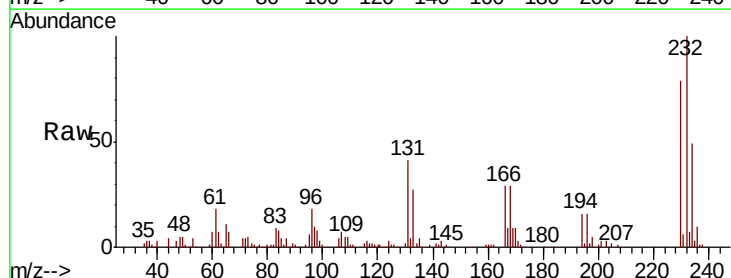
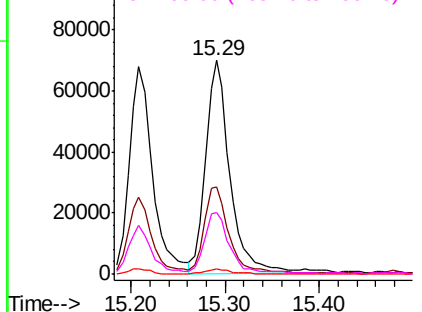
Abundance

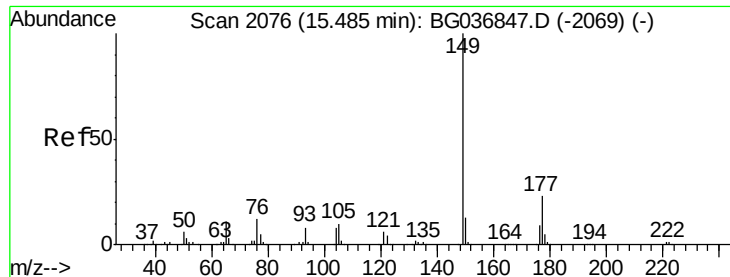
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





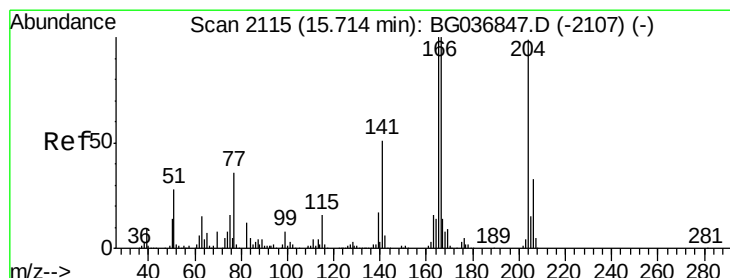
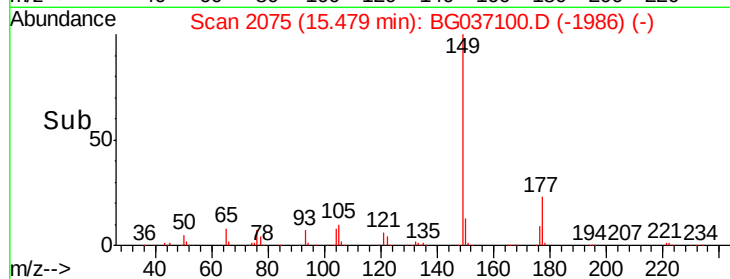
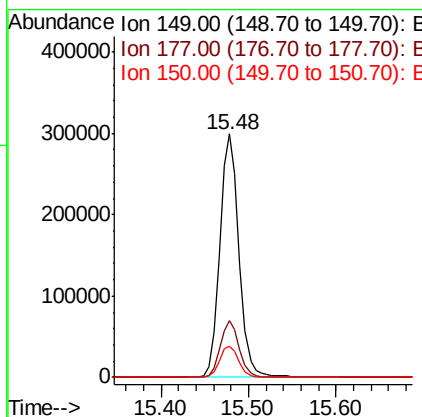
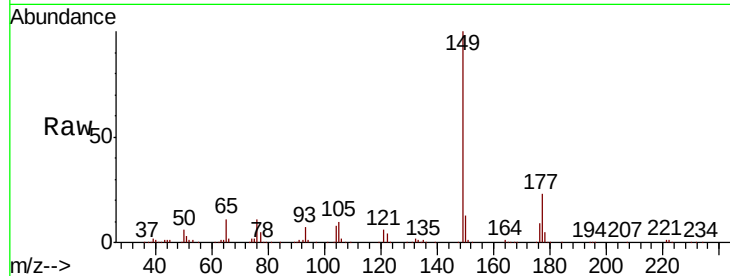
#59
Diethylphthalate
Concen: 38.641 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.1	28.7
150	12.8	10.7	16.1

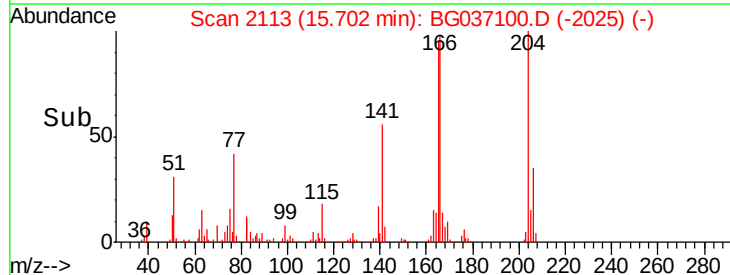
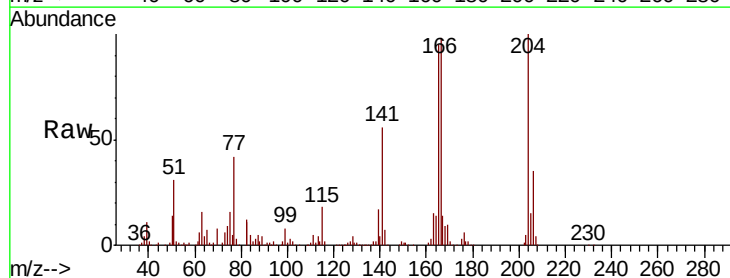
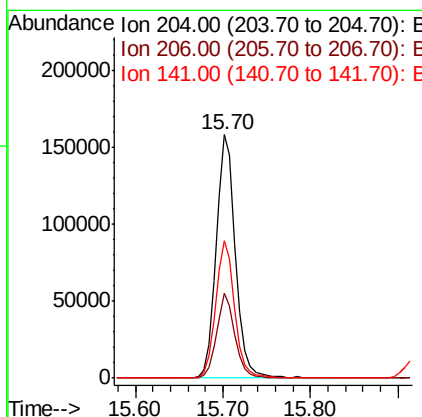
Manual Integrations
APPROVED

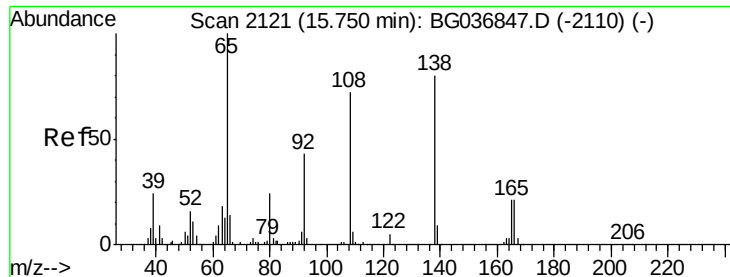
Sohil
10/2/2018 5:20:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.956 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.0	40.4
141	56.3	43.8	65.6





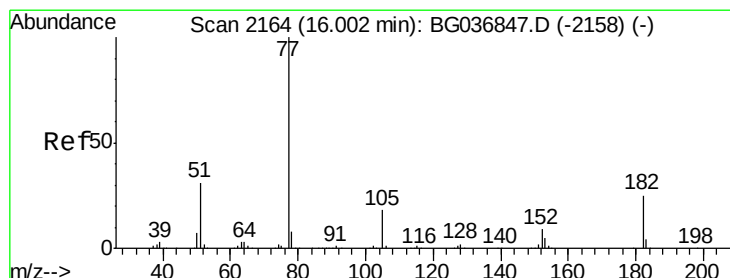
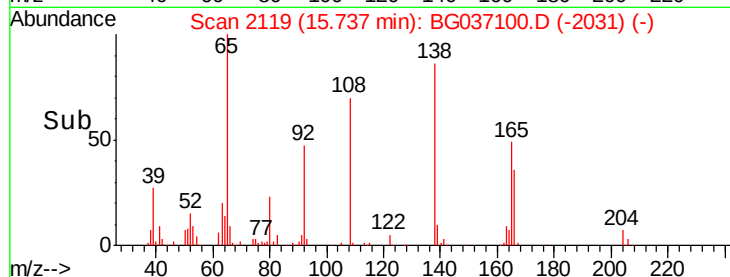
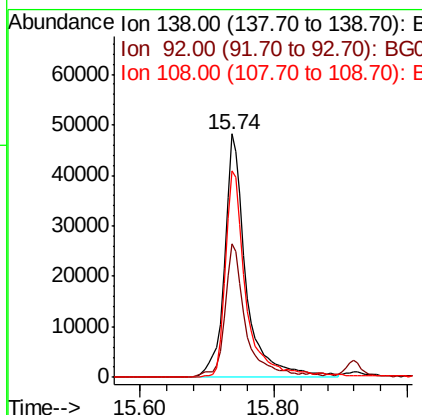
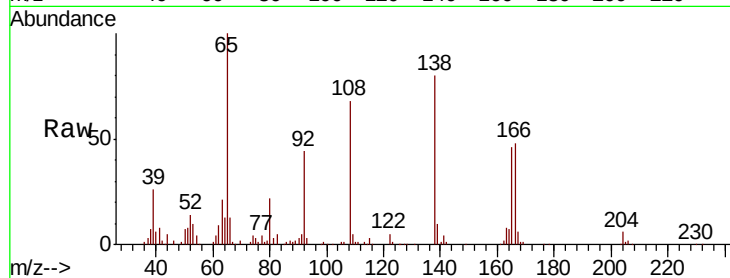
#61
4-Nitroaniline
Concen: 39.264 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.1	38.5	78.5
108	85.0	70.3	110.3

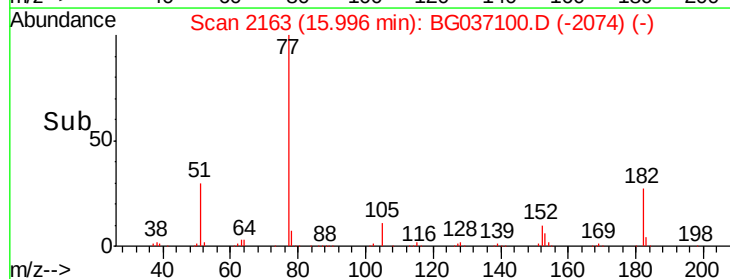
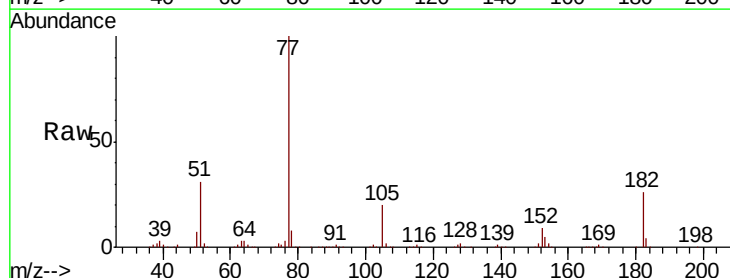
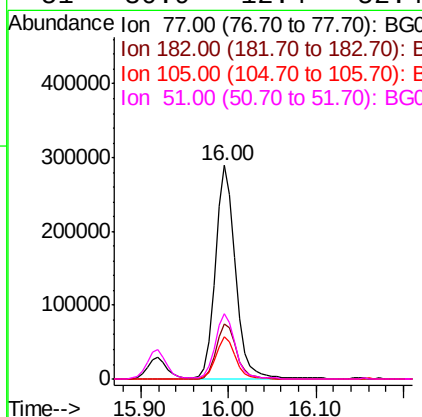
Manual Integrations
APPROVED

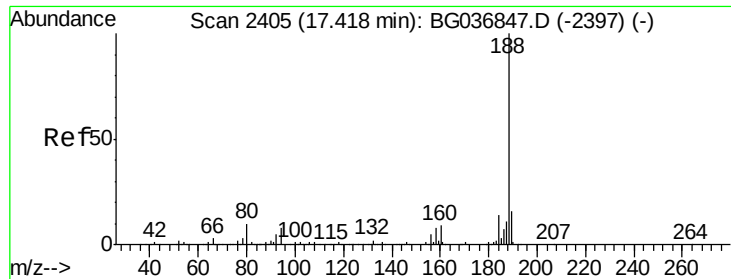
Sohil
10/2/2018 5:20:34 PM



#62
Azobenzene
Concen: 40.923 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.7	46.7
105	19.9	0.0	39.8
51	30.9	12.4	52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

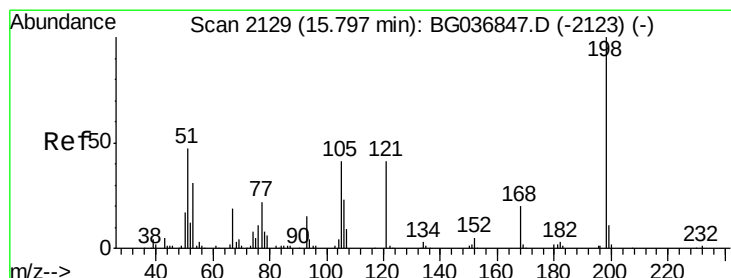
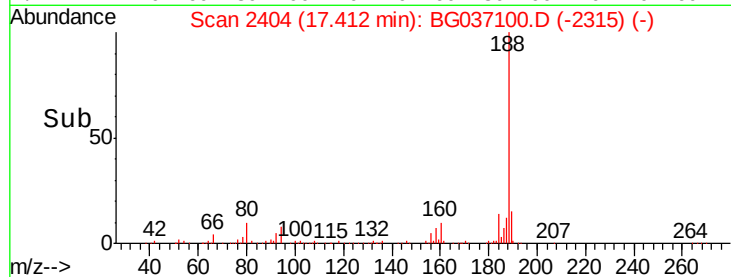
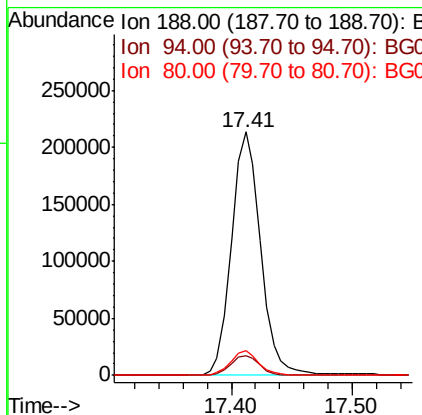
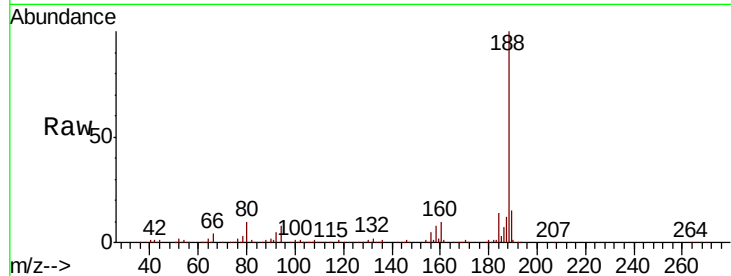
ClientSampleId :

PB113413BS

Tot Ion:188	Resp:	359063
Ion Ratio	Lower	Upper
188 100		
94 7.9	6.7	10.1
80 10.0	8.1	12.1

Manual Integrations
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Sohil
10/2/2018 5:20:34 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 33.980 ng

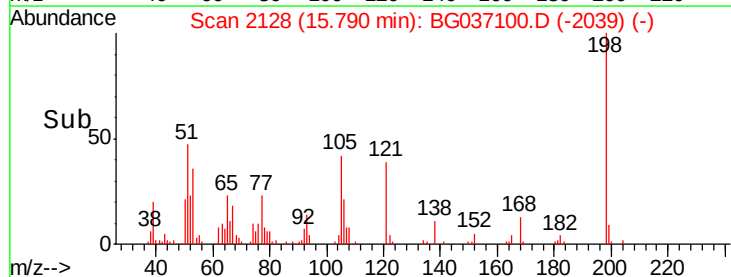
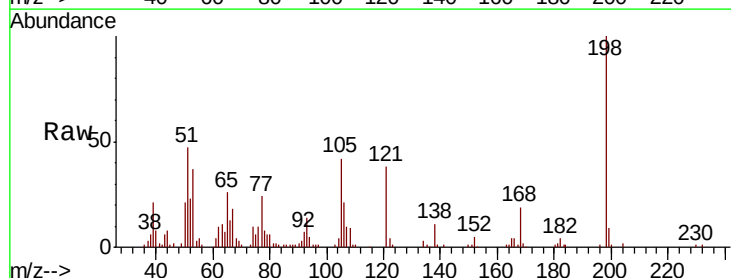
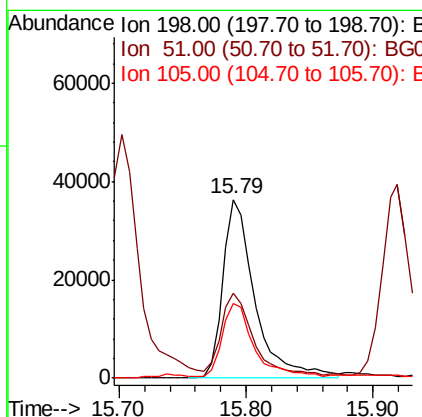
RT: 15.79 min Scan# 2128

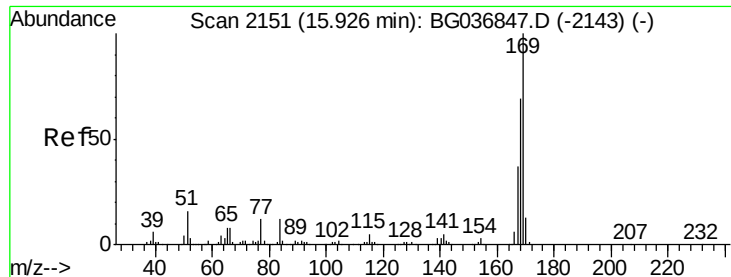
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:198	Resp:	63788
Ion Ratio	Lower	Upper
198 100		
51 47.3	26.5	66.5
105 41.9	20.2	60.2





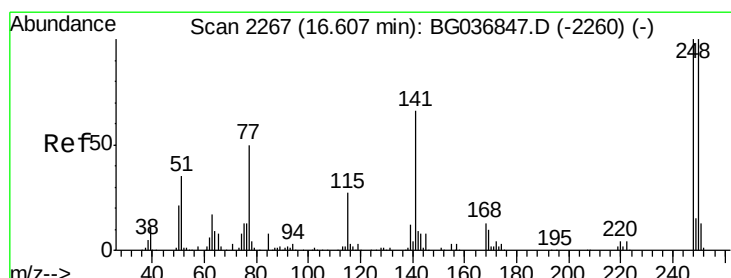
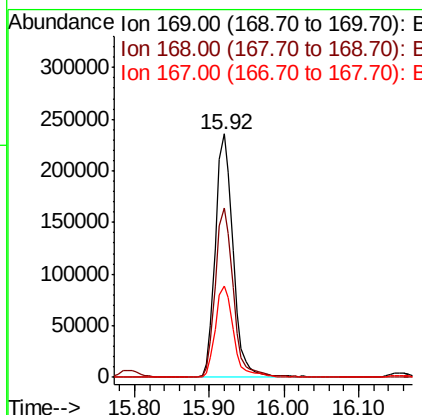
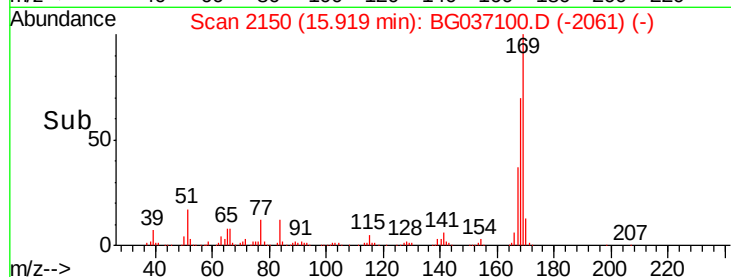
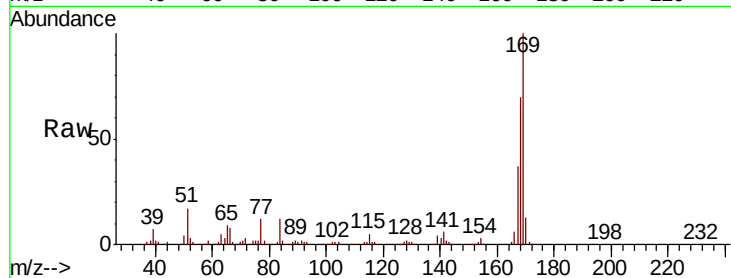
#65
 n-Nitrosodiphenylamine
 Concen: 39.162 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.8	57.6	86.4
167	37.5	31.0	46.4

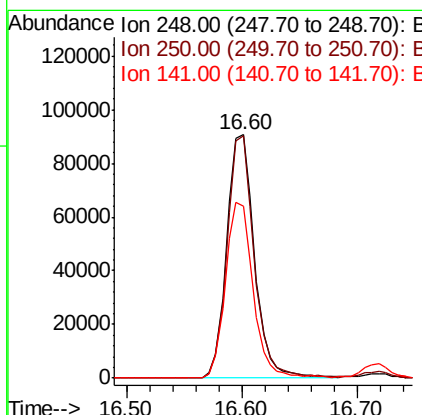
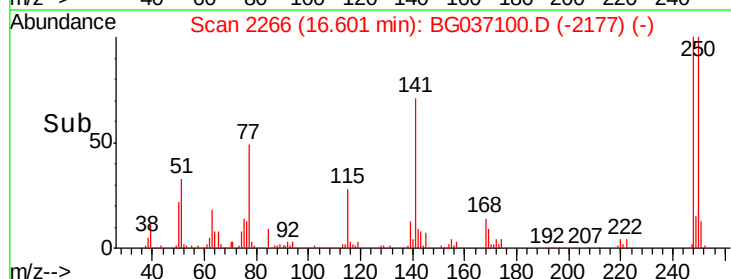
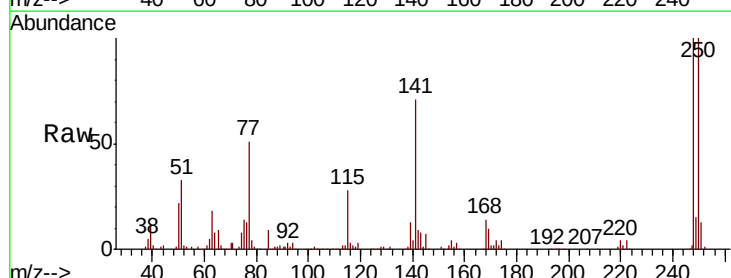
Manual Integrations
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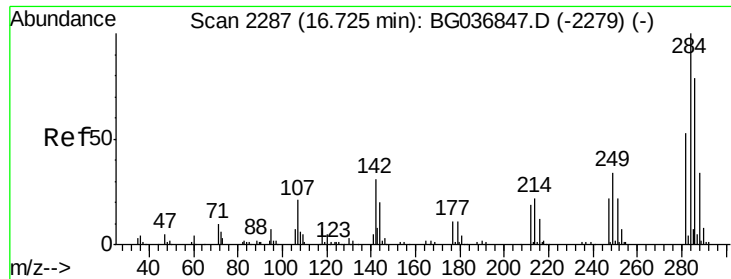
Sohil
 10/2/2018 5:20:34 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.147 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.1	117.1
141	70.8	53.7	80.5





#67

Hexachlorobenzene

Concen: 37.703 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

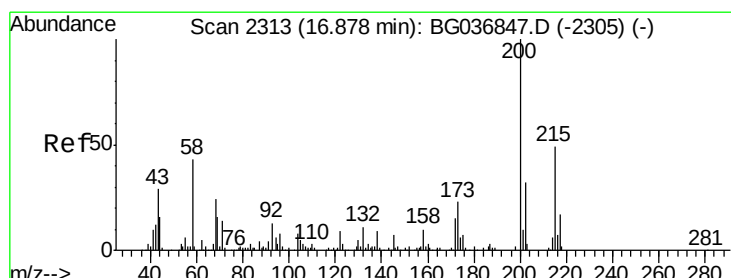
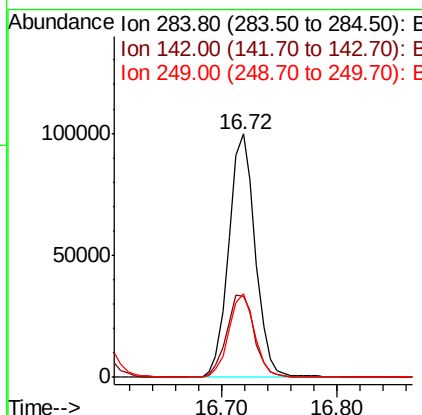
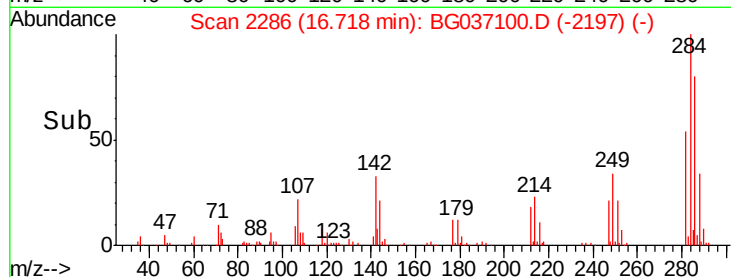
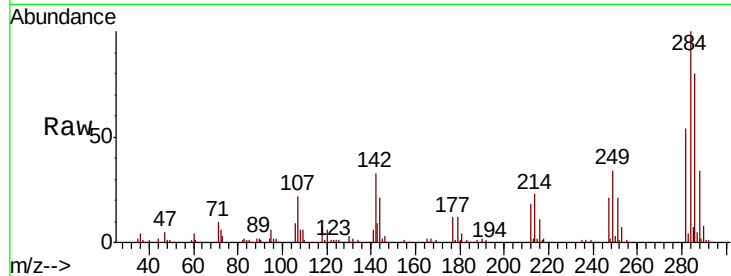
ClientSampled :

PB113413BS

Tot Ion:	284	Resp:	158592
Ion Ratio		Lower	Upper
284	100		
142	33.5	27.8	41.6
249	34.4	27.4	41.2

Manual Integrations
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10/2/2018 5:20:34 PM



#68

Atrazine

Concen: 38.519 ng

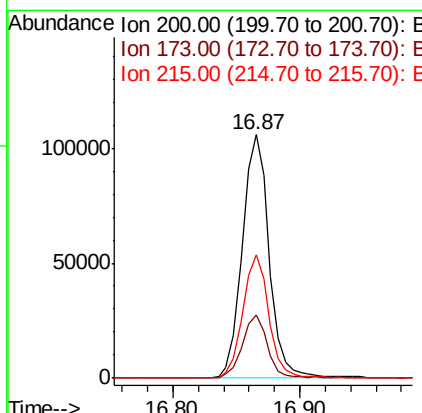
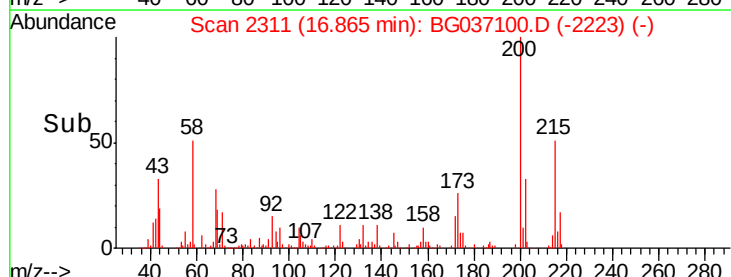
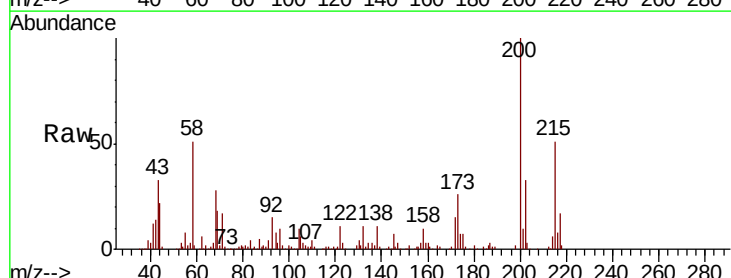
RT: 16.87 min Scan# 2311

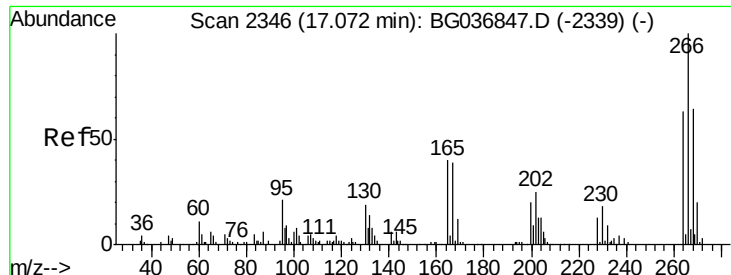
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	200	Resp:	154606
Ion Ratio		Lower	Upper
200	100		
173	25.8	3.9	43.9
215	50.7	30.4	70.4





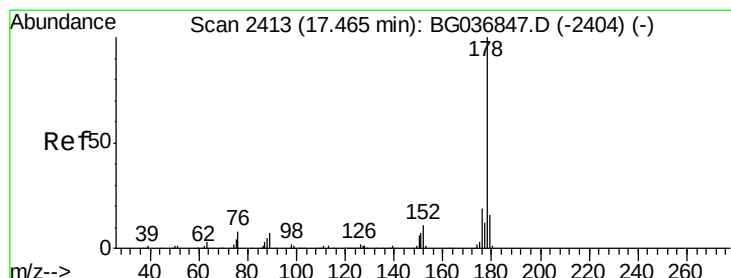
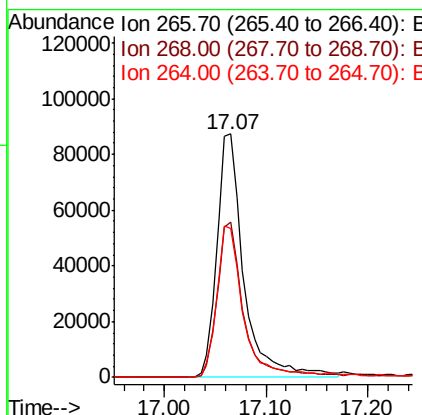
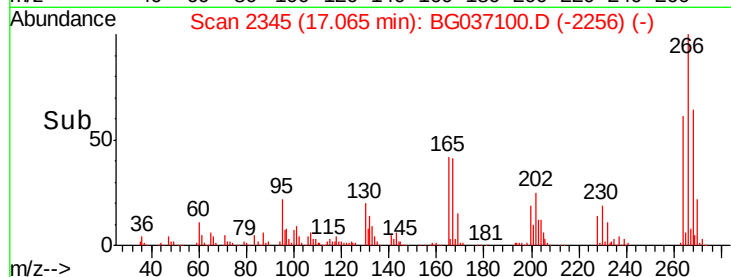
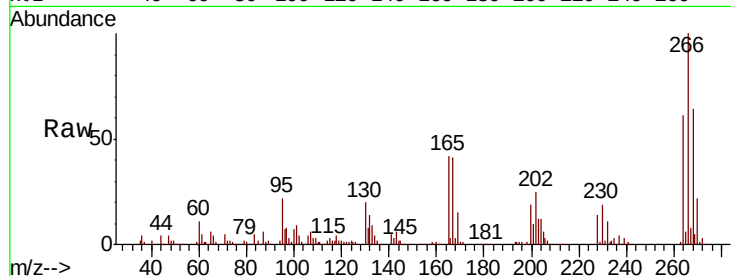
#69
 Pentachlorophenol
 Concen: 60.809 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.2
264	61.0	48.9	73.3

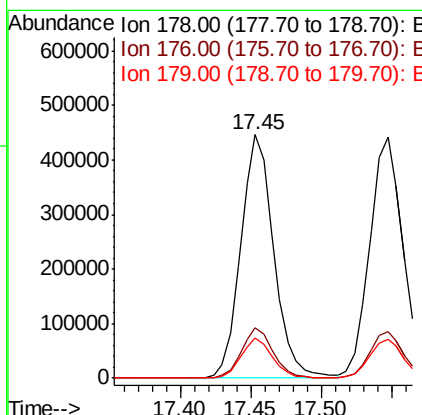
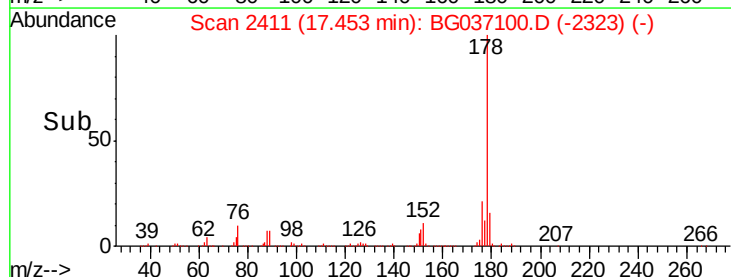
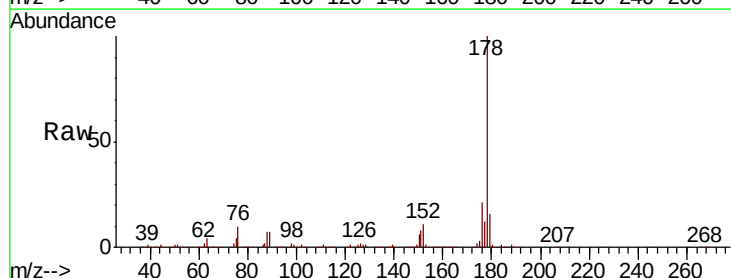
Manual Integrations
 APPROVED

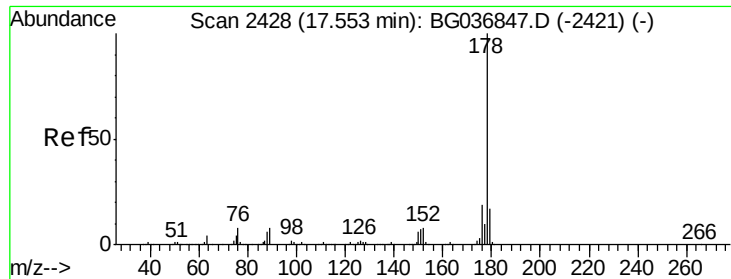
Sohil
 10/2/2018 5:20:34 PM



#70
 Phenanthrene
 Concen: 42.316 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	16.4	13.4	20.2





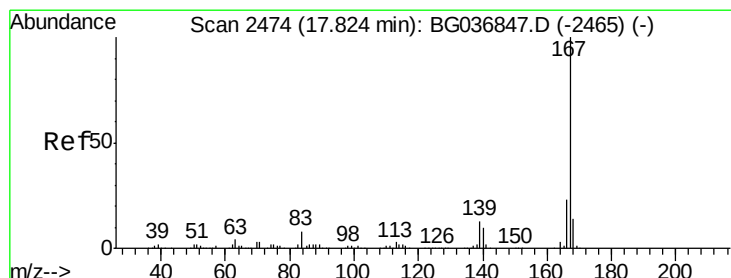
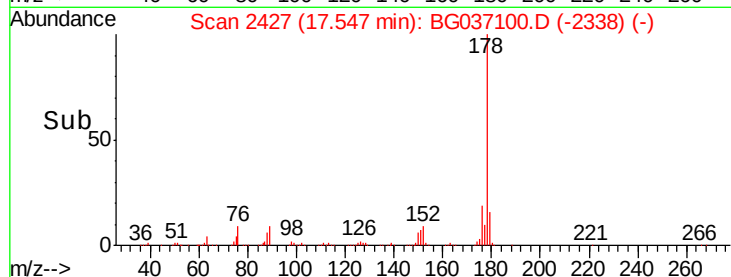
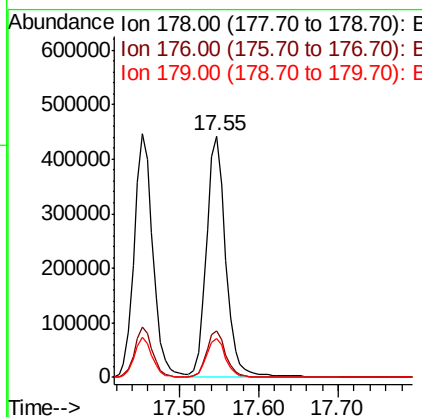
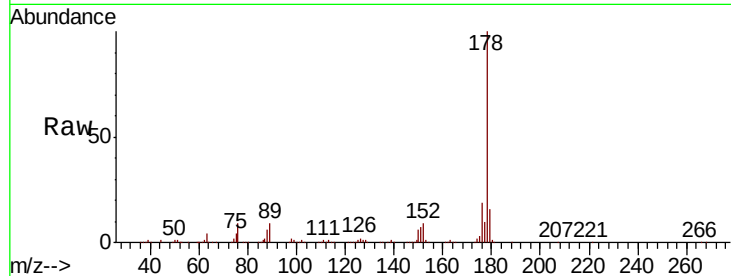
#71
 Anthracene
 Concen: 43.694 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.2	13.0	19.4

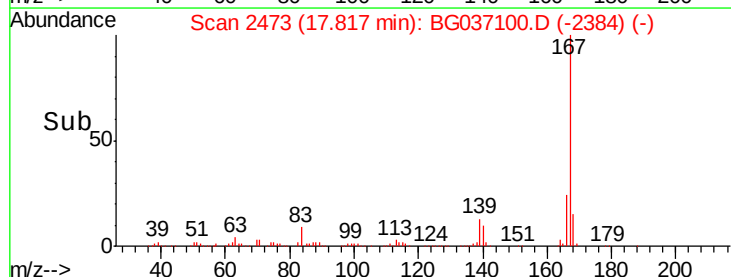
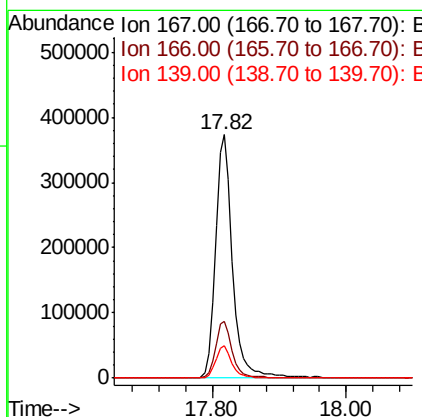
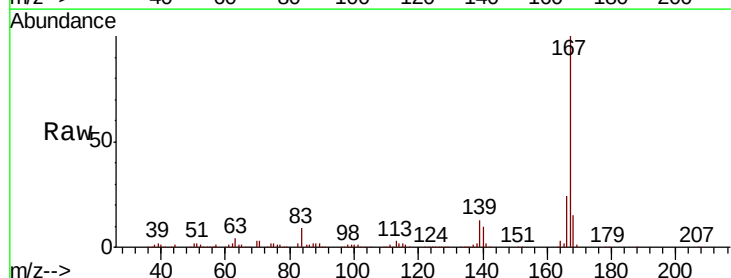
Manual Integrations
 APPROVED

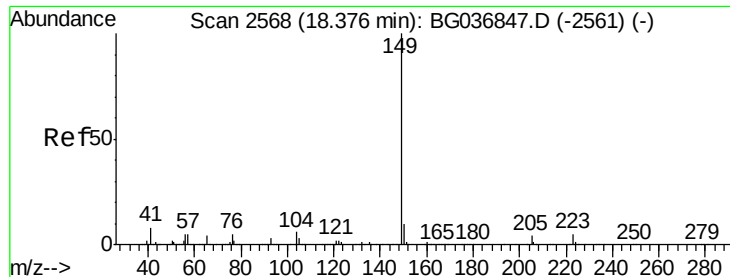
Sohil
 10/2/2018 5:20:34 PM



#72
 Carbazole
 Concen: 40.126 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.5	29.3
139	13.3	10.7	16.1





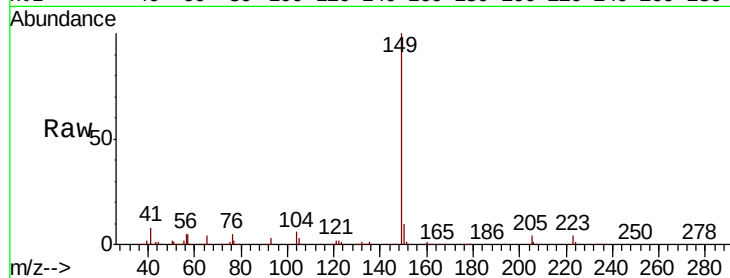
#73
Di-n-butylphthalate
Concen: 42.301 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

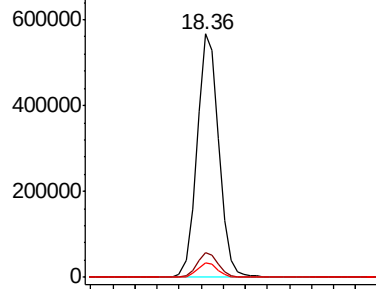
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.2	8.1	12.1	
104	5.8	4.6	6.8	

Manual Integrations
APPROVED

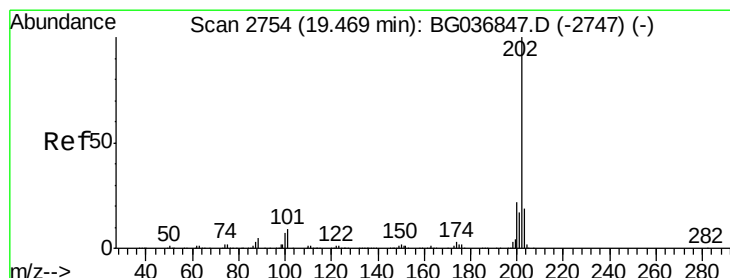
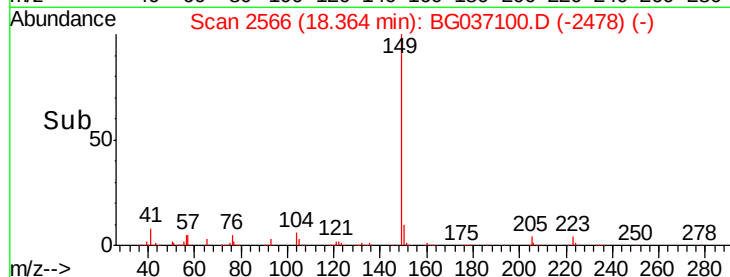
Sohil
10/2/2018 5:20:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

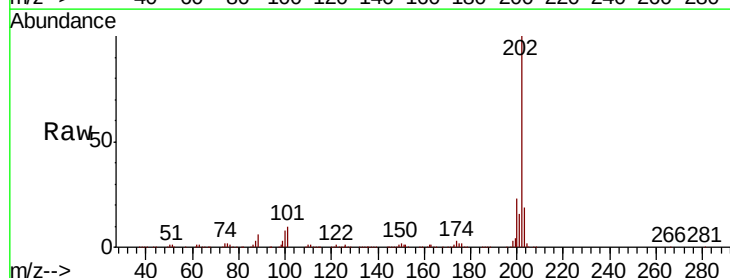


Time-->

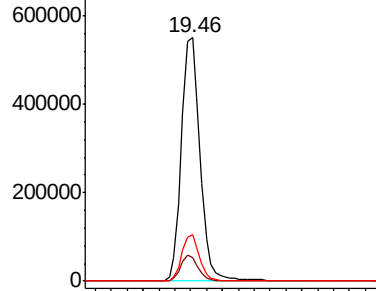


#74
Fluoranthene
Concen: 43.221 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

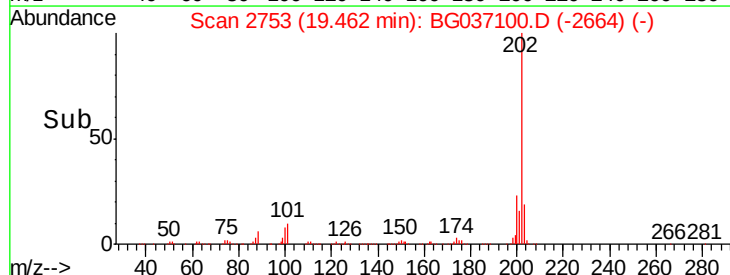
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.8	0.0	29.4	
203	19.0	0.0	38.9	

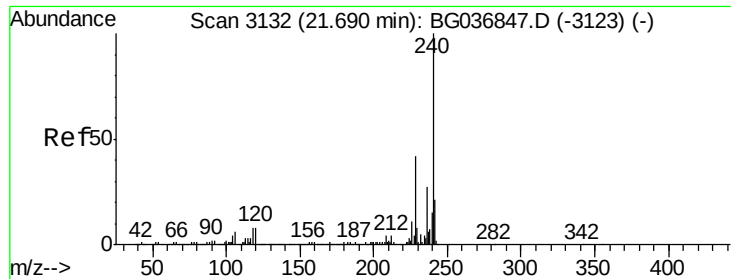


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

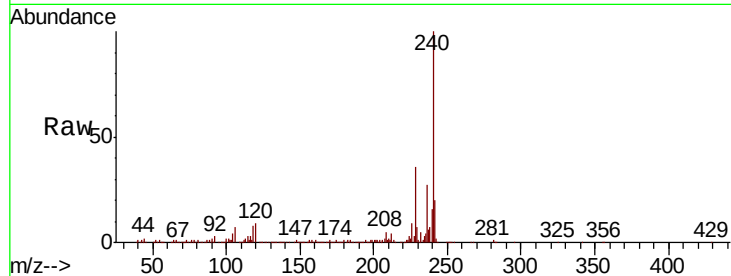
ClientSampled :

PB113413BS

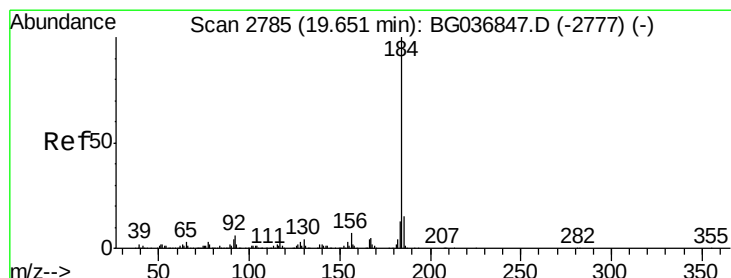
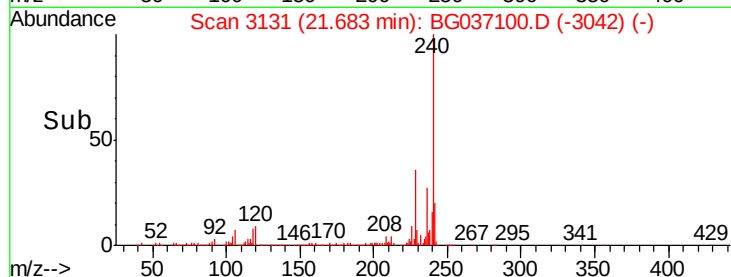
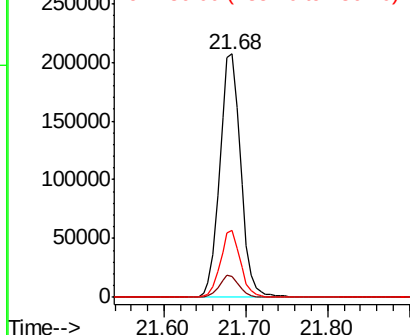
Tot Ion:	240	Resp:	370744
Ion Ratio	Lower	Upper	
240	100		
120	8.5	6.9	10.3
236	27.3	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.693 ng

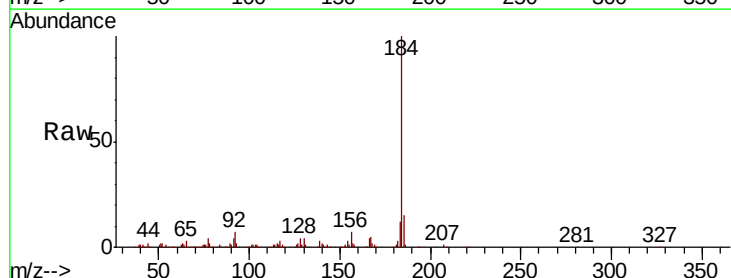
RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

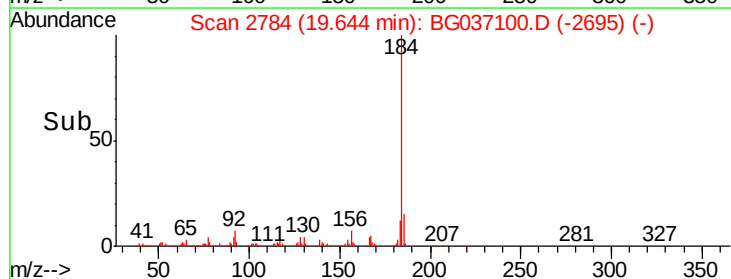
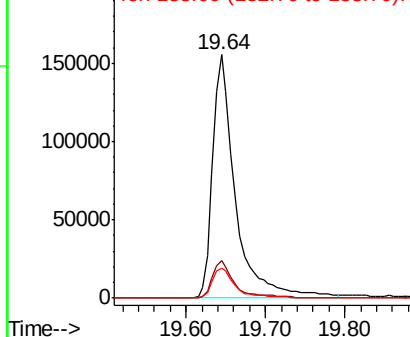
Lab File: BG037100.D

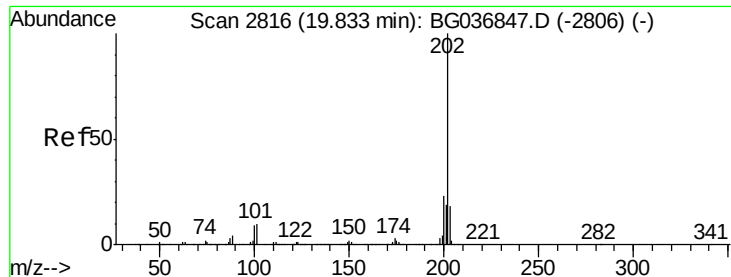
Acq: 2 Oct 2018 11:32

Tgt Ion:	184	Resp:	310370
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	12.2	10.9	16.3



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





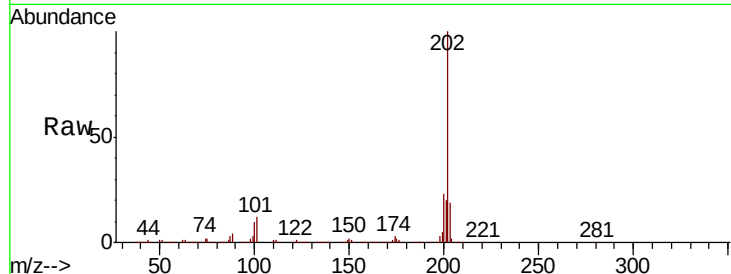
#77
Pvrene
Concen: 39.725 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion:	202	Resp:	883787
Ion Ratio		Lower	Upper
202	100		
200	23.1	18.3	27.5
203	19.0	15.1	22.7

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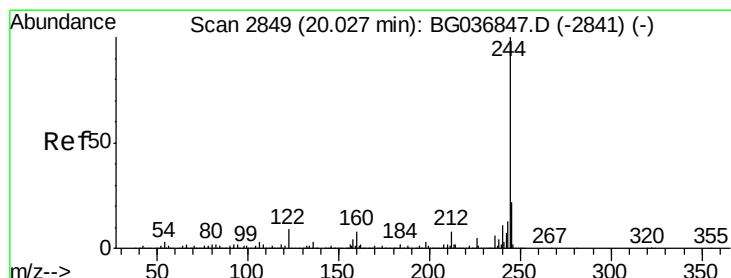
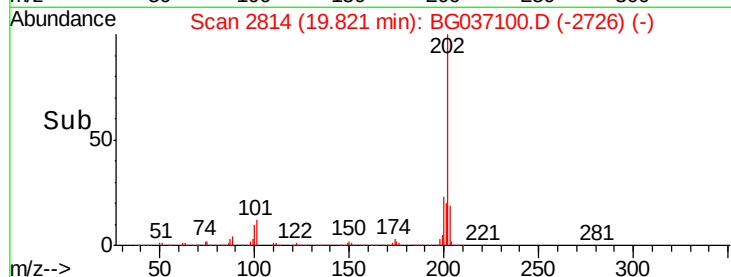
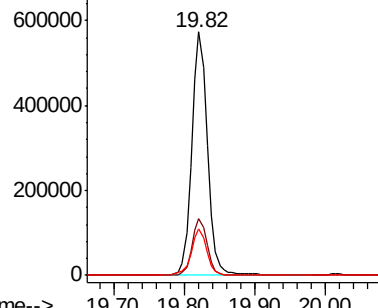


Abundance

Ion 202.00 (201.70 to 202.70): E

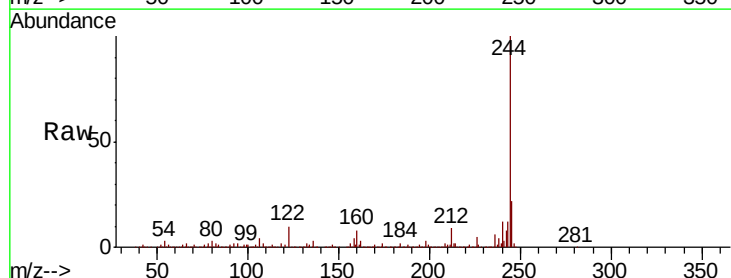
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 78.430 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:	244	Resp:	1105823
Ion Ratio		Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.0	7.1	10.7

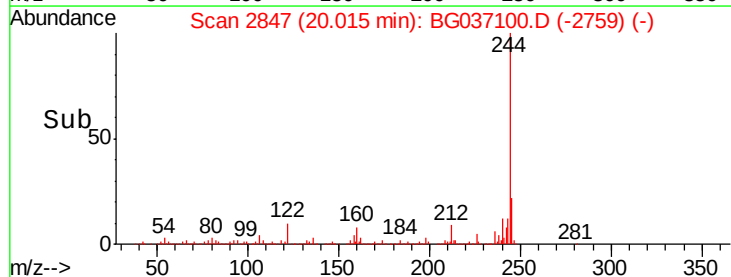
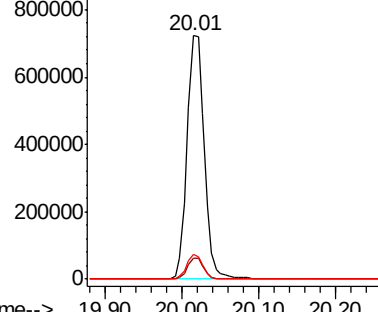


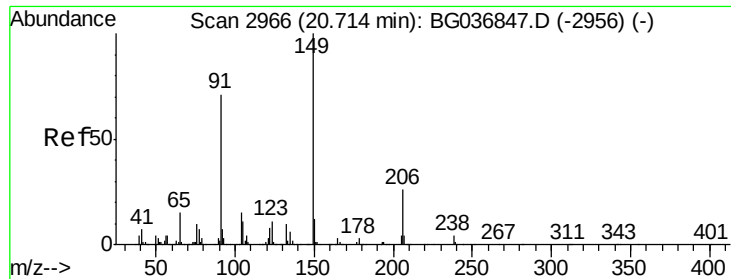
Abundance

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





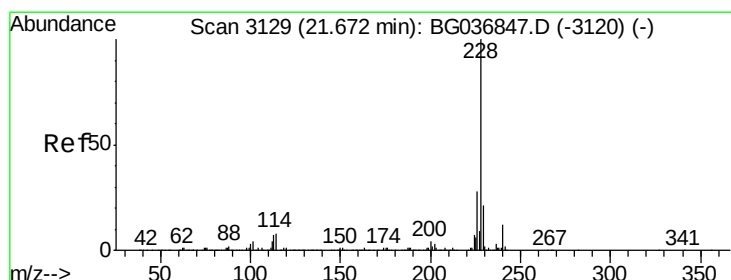
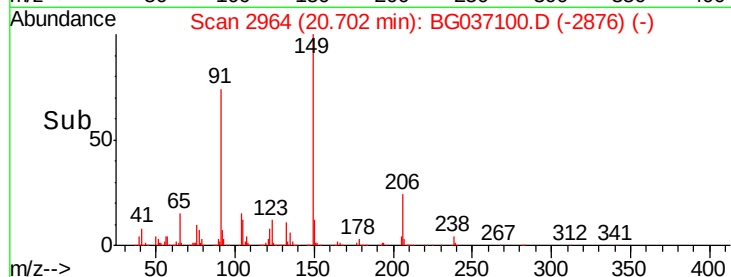
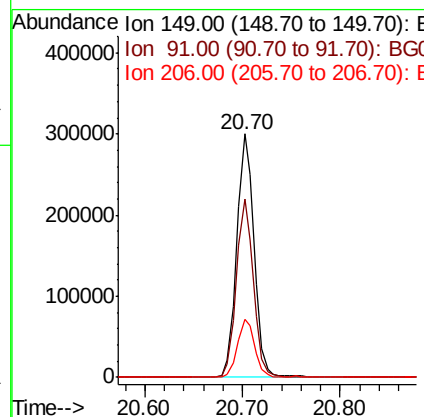
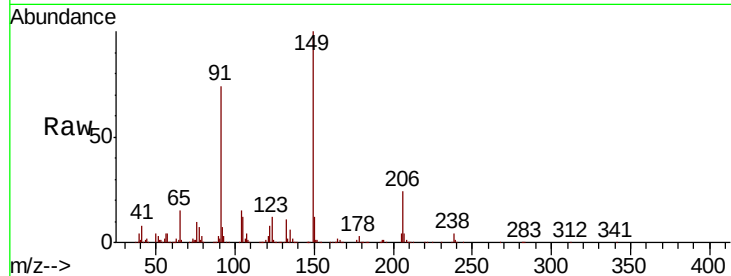
#79
Butylbenzylphthalate
Concen: 41.707 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.5	62.0	93.0	
206	24.0	19.6	29.4	

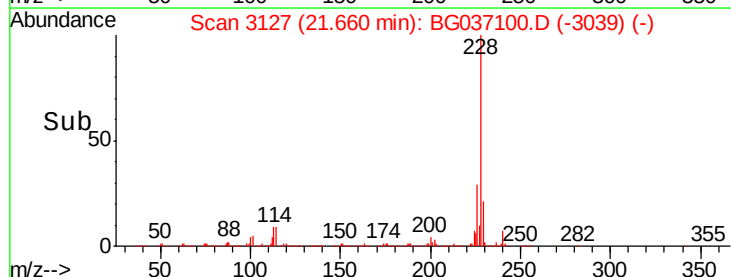
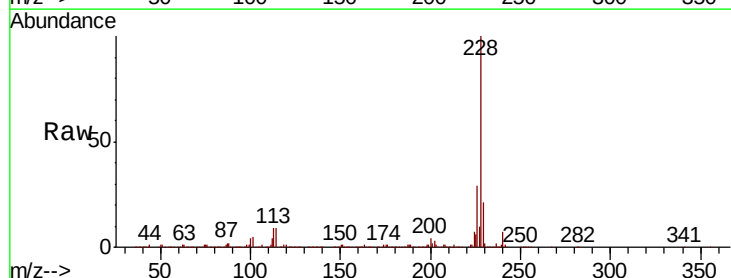
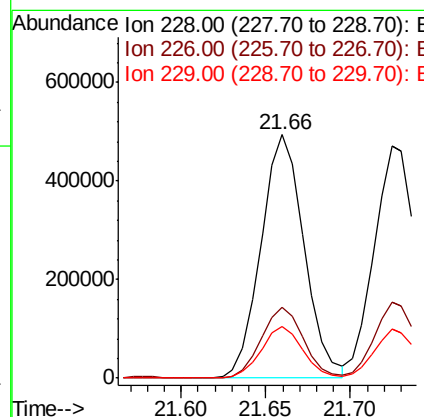
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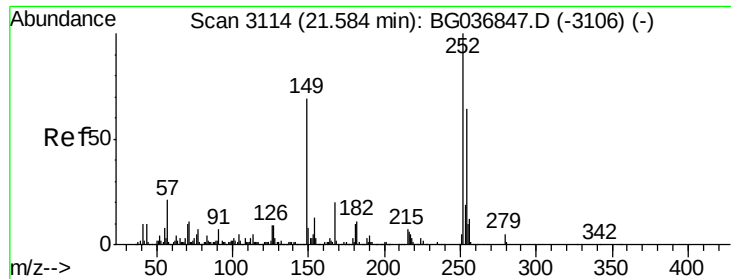
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#80
Benzo(a)anthracene
Concen: 40.437 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.3	23.4	35.2	
229	21.3	17.1	25.7	





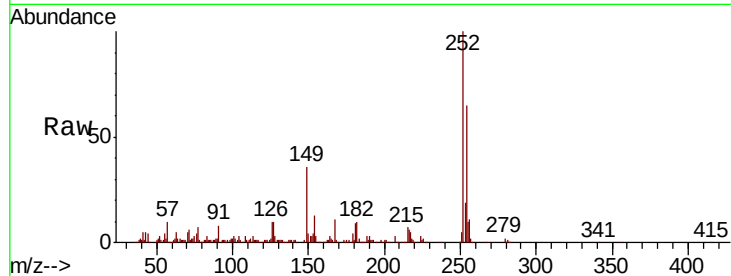
#81
 3,3'-Dichlorobenzidine
 Concen: 30.525 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

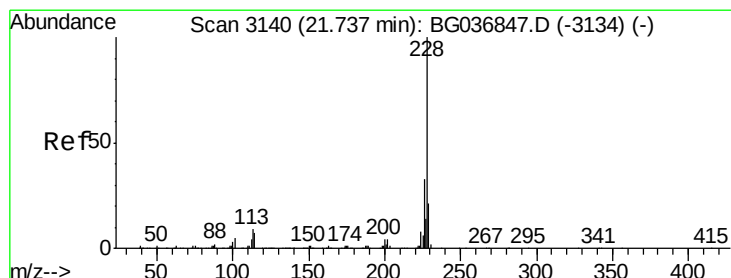
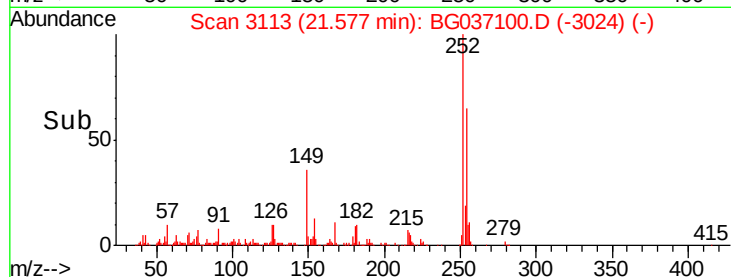
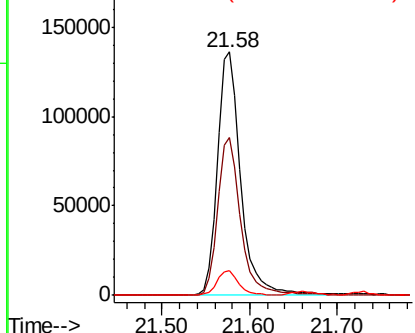
Tot Ion:	252	Resp:	251461
Ion Ratio		Lower	Upper
252	100		
254	64.9	51.0	76.4
126	10.3	7.4	11.0

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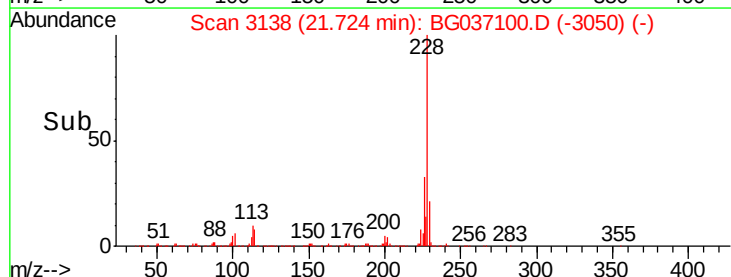
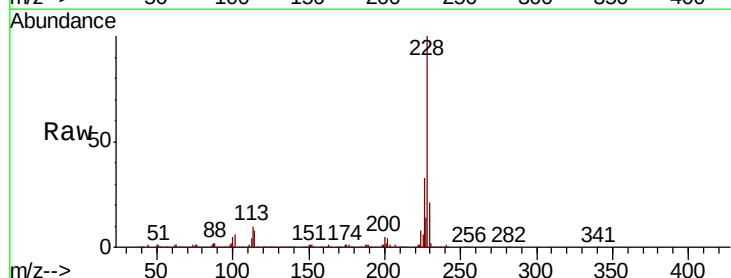
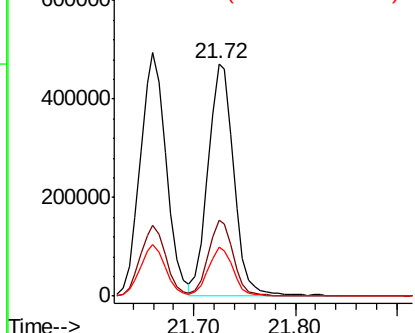
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

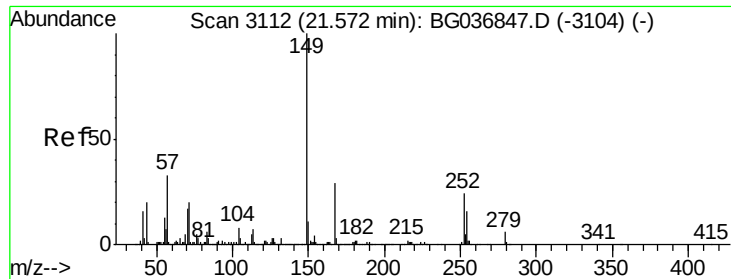


#82
 Chrysene
 Concen: 39.407 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:	228	Resp:	824018
Ion Ratio		Lower	Upper
228	100		
226	32.8	25.5	38.3
229	20.9	16.9	25.3

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





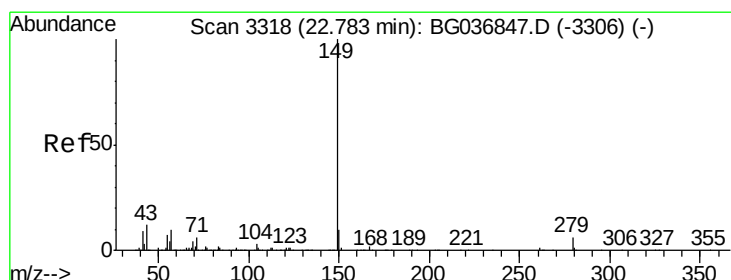
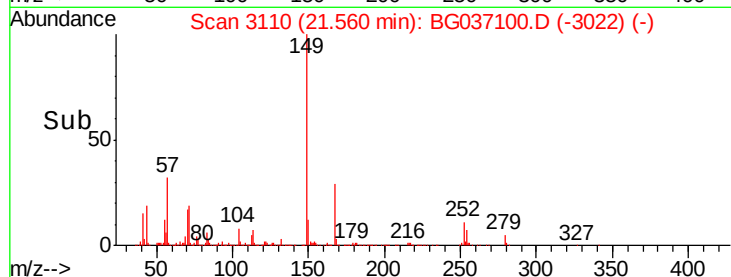
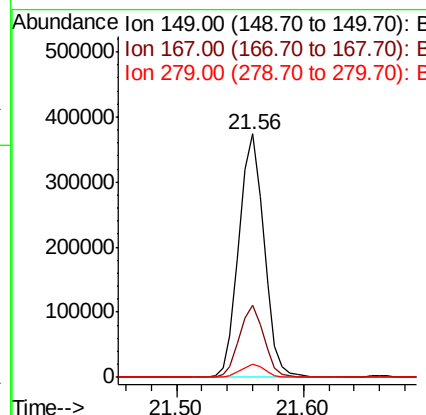
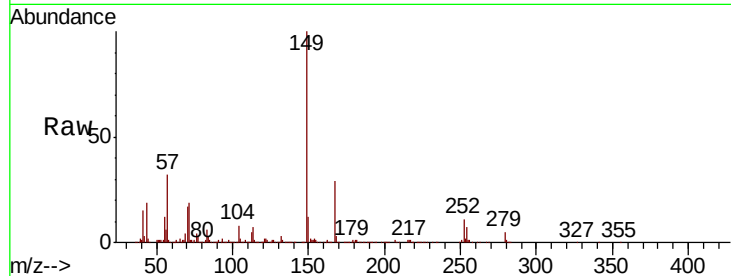
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.427 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	29.4	23.4	35.0
279	5.4	4.6	7.0

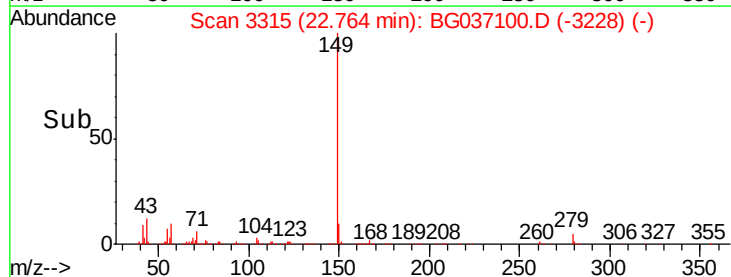
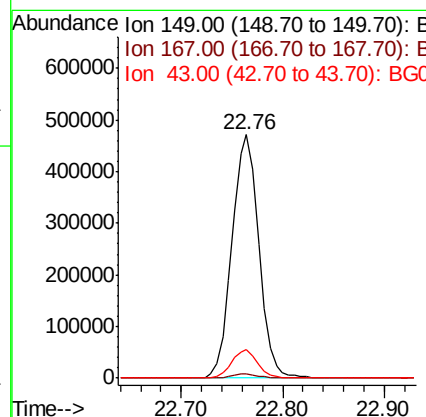
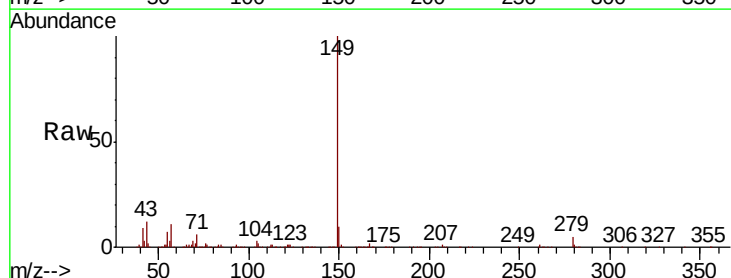
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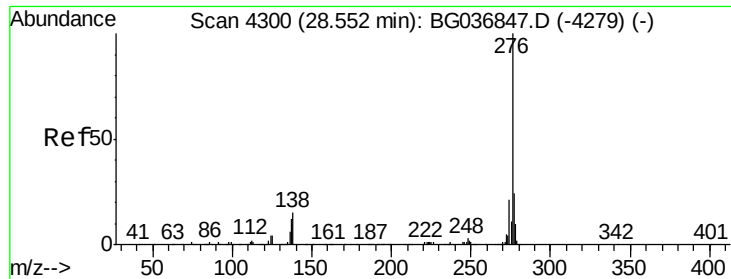
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#84
 Di-n-octyl phthalate
 Concen: 42.317 ng
 RT: 22.76 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	10.0	15.0





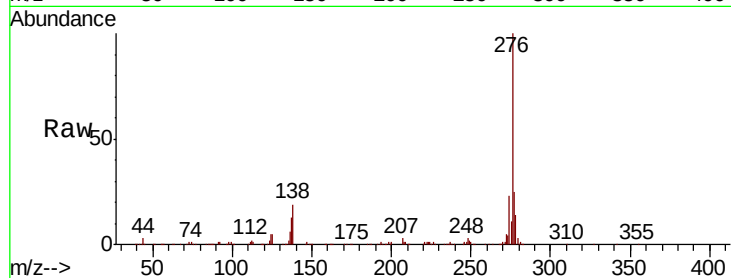
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.140 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.6	15.8
277	25.9	20.6	30.8

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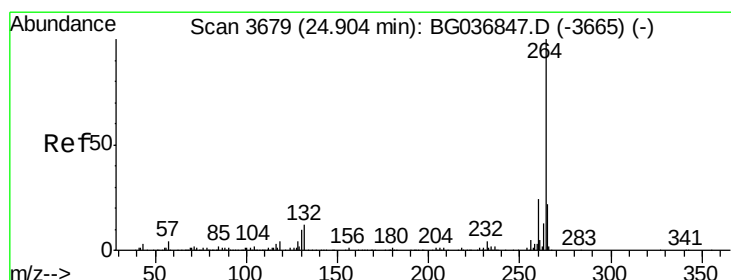
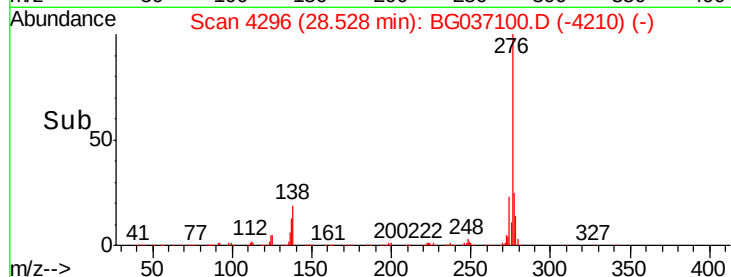
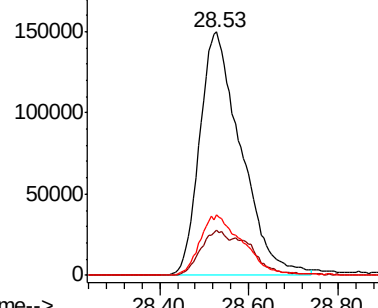


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

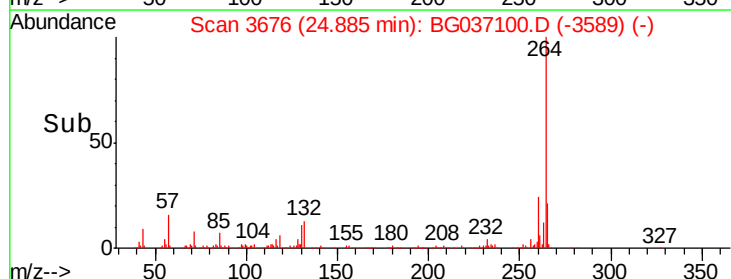
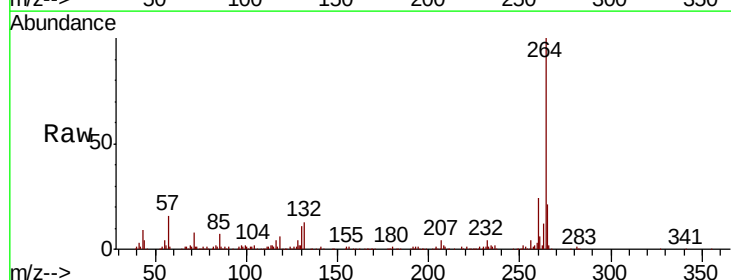
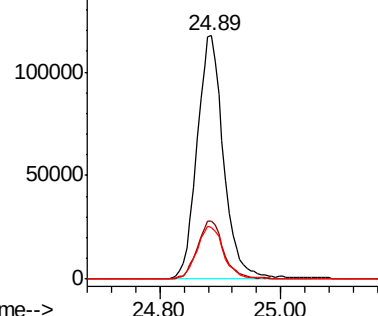
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.4	26.0

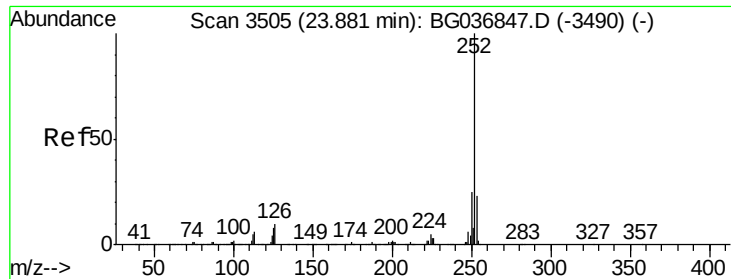
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 44.612 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

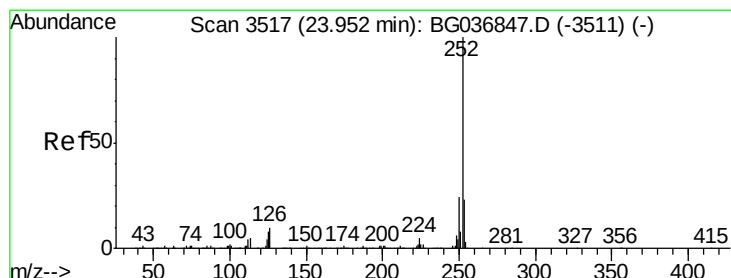
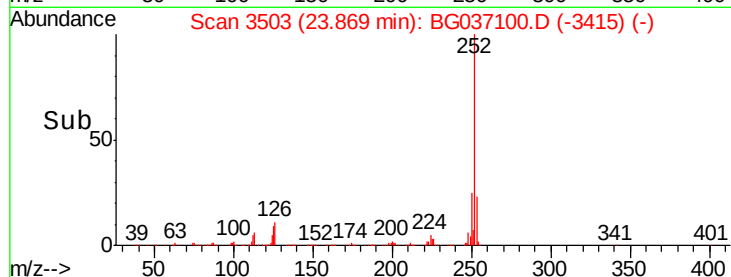
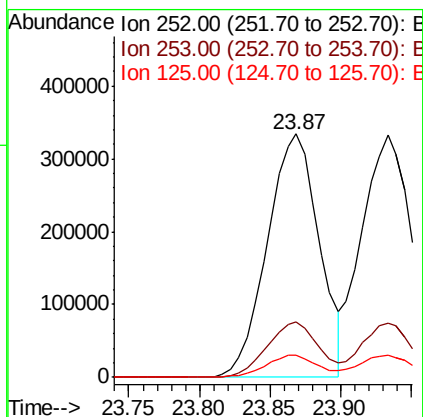
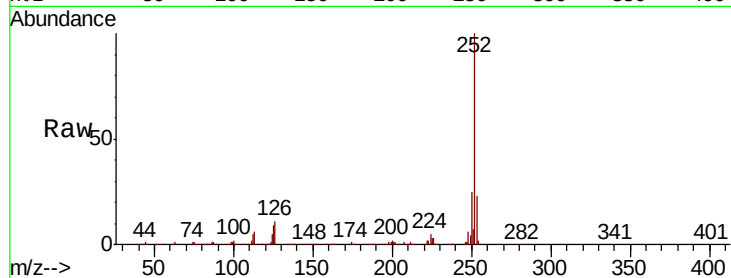
ClientSampleId :

PB113413BS

Tot Ion:	252	Resp:	856160
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	9.1	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 44.774 ng

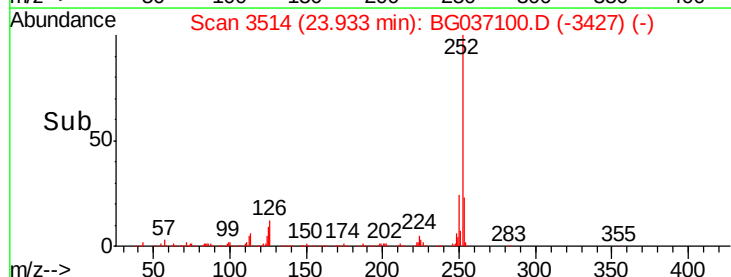
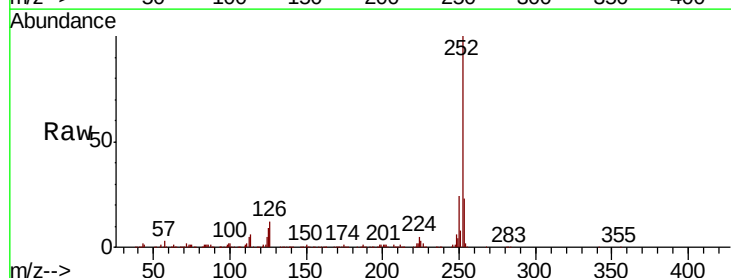
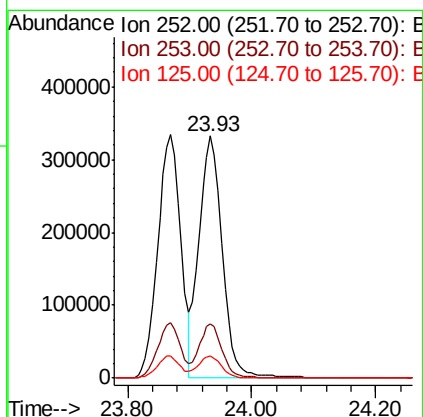
RT: 23.93 min Scan# 3514

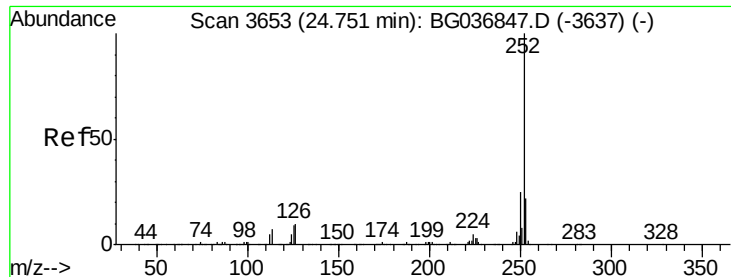
Delta R.T. -0.02 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:	252	Resp:	862083
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	9.3	7.0	10.6





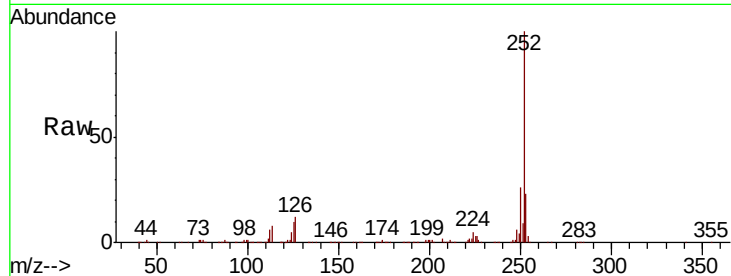
#89
Benzo(a)pyrene
Concen: 45.259 ng
RT: 24.73 min Scan# 3650
Delta R.T. -0.02 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.2	7.3	10.9

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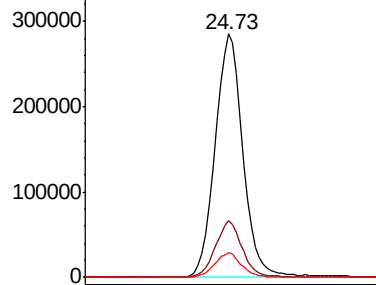


Abundance

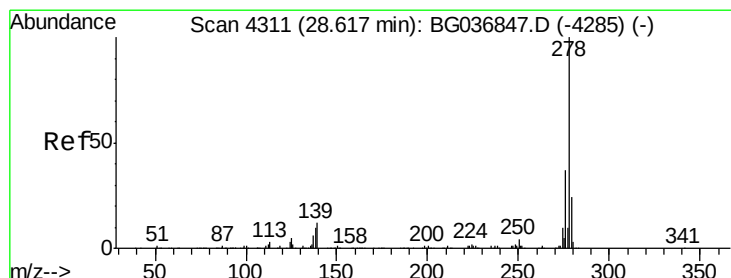
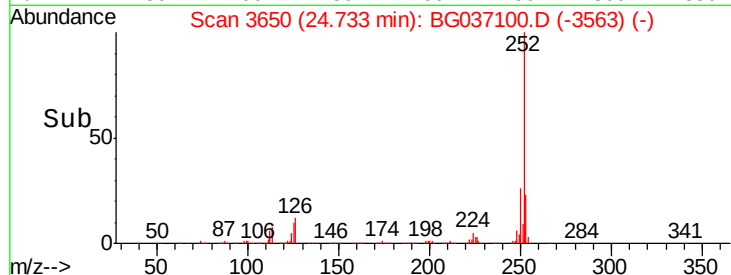
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

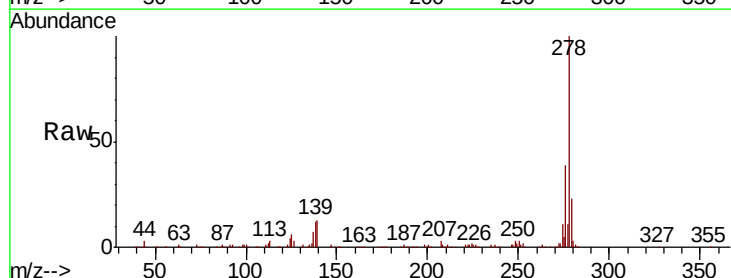


Time-->



#90
Dibenzo(a,h)anthracene
Concen: 46.757 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.02 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.0	16.4
279	23.0	18.7	28.1

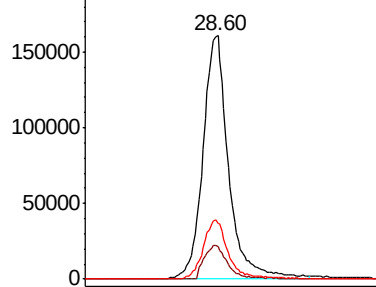


Abundance

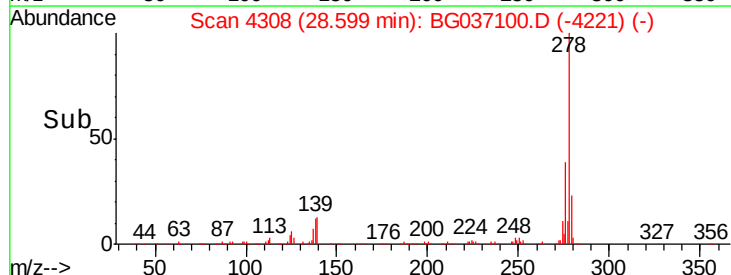
Ion 278.00 (277.70 to 278.70): E

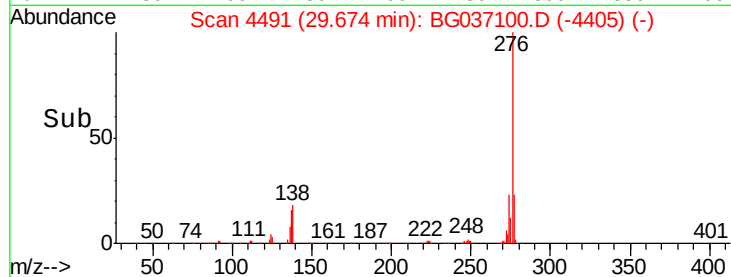
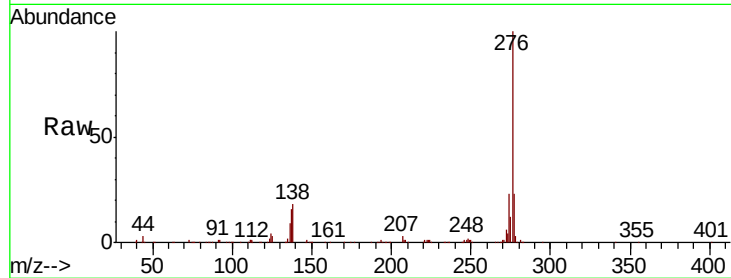
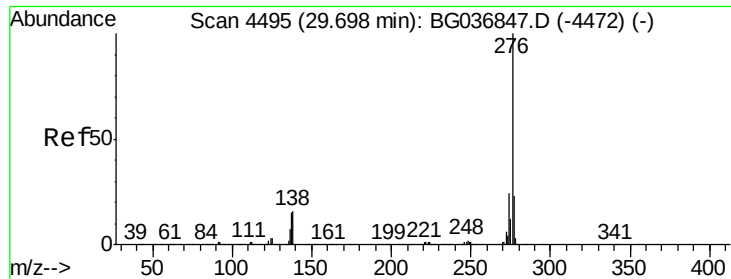
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 45.565 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	18.0	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 10/2/2018 5:20:34 PM

