

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038424.D
 Acq On : 8 Dec 2018 5:57
 Operator : JU/SJ
 Sample : PB115307BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 10:30:38 AM

Quant Time: Dec 10 02:55:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36301	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	100914	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67666	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	171410	20.00	ng	0.00
76) Chrysene-d12	21.73	240	163836	20.00	ng	-0.01
87) Perylene-d12	25.04	264	168958	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	121714	59.33	ng	0.00
7) Phenol-d6	7.22	99	265076	89.41	ng	0.00
23) Nitrobenzene-d5	9.24	82	239359	117.76	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	78102	94.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	385388	81.16	ng	0.00
79) Terphenyl-d14	20.05	244	661670	86.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	16872	17.946	ng	# 84
3) Pyridine	3.90	79	85209	30.295	ng	96
4) n-Nitrosodimethylamine	3.82	42	45934	37.283	ng	97
6) Aniline	7.39	93	81741	21.586	ng	96
8) 2-Chlorophenol	7.63	128	75366	31.635	ng	99
9) Benzaldehyde	7.21	77	47223	25.153	ng	99
10) Phenol	7.25	94	132437	42.278	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	73278	28.563	ng	96
12) 1,3-Dichlorobenzene	7.95	146	106072	38.095	ng	98
13) 1,4-Dichlorobenzene	8.11	146	108925	37.809	ng	99
14) 1,2-Dichlorobenzene	8.42	146	103606	38.814	ng	97
15) Benzyl Alcohol	8.30	79	84875	34.820	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197525	33.849	ng	99
17) 2-Methylphenol	8.50	107	97315	45.120	ng	96
18) Hexachloroethane	9.15	117	38597	37.120	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	83054	38.235	ng	97
20) 3+4-Methylphenols	8.83	107	137304	43.507	ng	98
22) Acetophenone	8.90	105	154889	65.226	ng	# 99
24) Nitrobenzene	9.29	77	118378	57.324	ng	95
25) Isophorone	9.80	82	146056	40.889	ng	98
26) 2-Nitrophenol	10.00	139	37436	39.124	ng	# 88
27) 2,4-Dimethylphenol	10.04	122	69838	50.815	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	86166	42.079	ng	99
29) 2,4-Dichlorophenol	10.53	162	72206	46.025	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	71766	38.969	ng	100
31) Naphthalene	10.94	128	204746	42.475	ng	98
32) Benzoic acid	10.18	122	30095	32.545	ng	94
33) 4-Chloroaniline	11.06	127	15484	7.256	ng	93
34) Hexachlorobutadiene	11.20	225	45234	39.261	ng	96
35) Caprolactam	11.83	113	27400m	42.234	ng	
36) 4-Chloro-3-methylphenol	12.16	107	80575	46.225	ng	95
37) 2-Methylnaphthalene	12.54	142	154923	45.129	ng	96
38) 1-Methylnaphthalene	12.75	142	148808	45.259	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87860	37.734	ng	98

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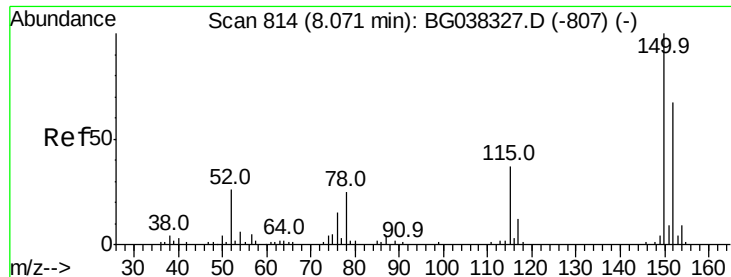
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	118328	92.477	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	63482	42.088	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	70473	44.105	ng	96
46) 1,1'-Biphenyl	13.54	154	209457	36.620	ng	99
47) 2-Chloronaphthalene	13.59	162	163817	37.955	ng	99
48) 2-Nitroaniline	13.80	65	59150	40.849	ng	97
49) Acenaphthylene	14.43	152	278559	42.853	ng	98
50) Dimethylphthalate	14.15	163	226517	41.736	ng	100
51) 2,6-Dinitrotoluene	14.29	165	51425	41.479	ng	92
52) Acenaphthene	14.77	154	160288	40.448	ng	99
53) 3-Nitroaniline	14.62	138	28484	21.333	ng #	96
54) 2,4-Dinitrophenol	14.83	184	65233	95.985	ng #	84
55) Dibenzofuran	15.10	168	266974	40.751	ng	97
56) 4-Nitrophenol	14.92	139	81684	77.444	ng #	78
57) 2,4-Dinitrotoluene	15.07	165	75292	44.032	ng	97
58) Fluorene	15.75	166	215051	44.555	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63832	45.996	ng	97
60) Diethylphthalate	15.51	149	239179	39.778	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	118137	40.749	ng	98
62) 4-Nitroaniline	15.78	138	53994	41.114	ng #	86
63) Azobenzene	16.03	77	211974	40.281	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	45434	40.454	ng	95
66) n-Nitrosodiphenylamine	15.95	169	200196	41.533	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	78273	42.286	ng	96
68) Hexachlorobenzene	16.75	284	80202	42.006	ng	94
69) Atrazine	16.89	200	78996	43.921	ng	99
70) Pentachlorophenol	17.09	266	94794	72.487	ng	97
71) Phenanthrene	17.49	178	379219	44.177	ng	98
72) Anthracene	17.59	178	385328	46.353	ng	99
73) Carbazole	17.86	167	345194	41.839	ng	98
74) Di-n-butylphthalate	18.39	149	416108	43.171	ng	97
75) Fluoranthene	19.50	202	466751	46.539	ng	97
77) Benzidine	19.69	184	185046	33.471	ng	100
78) Pyrene	19.86	202	460399	40.163	ng	98
80) Butylbenzylphthalate	20.73	149	184133	39.937	ng	97
81) Benzo(a)anthracene	21.71	228	433618	43.063	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	99475	25.395	ng	97
83) Chrysene	21.78	228	401209	42.105	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	255720	39.131	ng	99
85) Di-n-octyl phthalate	22.81	149	436270	38.934	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	477756	44.117	ng #	95
88) Benzo(b)fluoranthene	23.98	252	422560	44.262	ng #	97
89) Benzo(k)fluoranthene	24.05	252	415489	43.698	ng #	97
90) Benzo(a)pyrene	24.88	252	410347	44.313	ng	97
91) Dibenzo(a,h)anthracene	28.89	278	389724	44.374	ng	97
92) Benzo(g,h,i)perylene	30.01	276	400677	45.982	ng #	94

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



#1

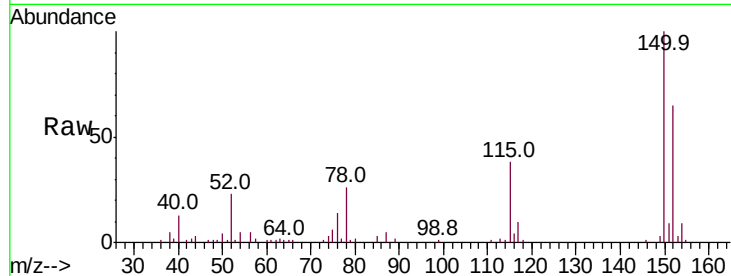
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.0	189.0
115	57.5	45.5	68.3

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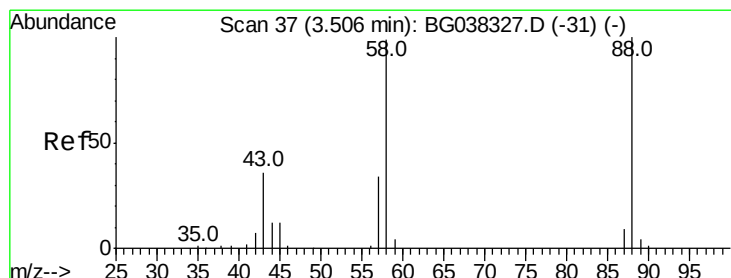
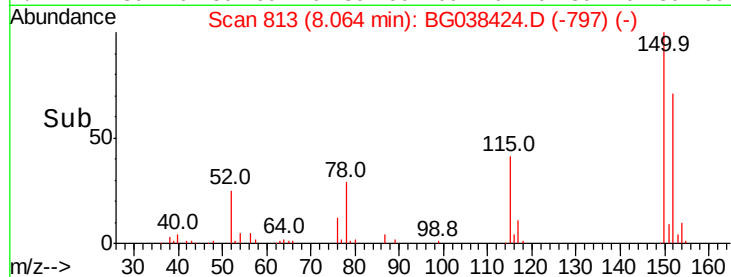
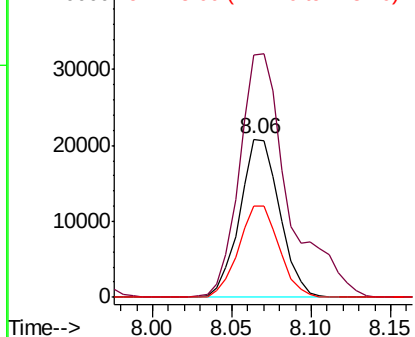


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

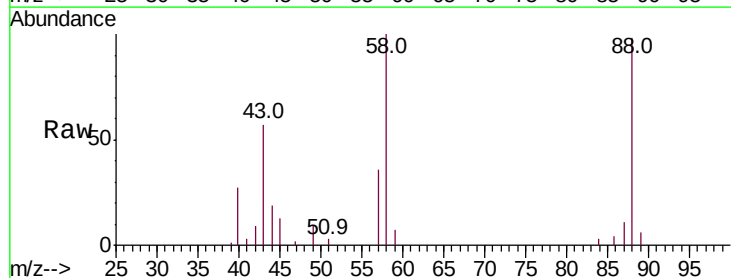
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.946 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.4	74.4	111.6
43	45.8	25.8	38.8

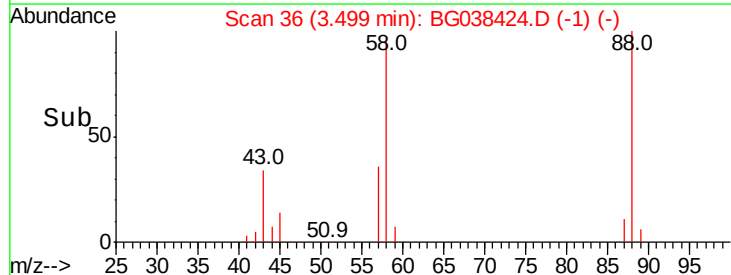
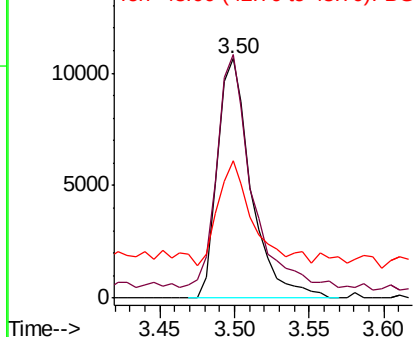


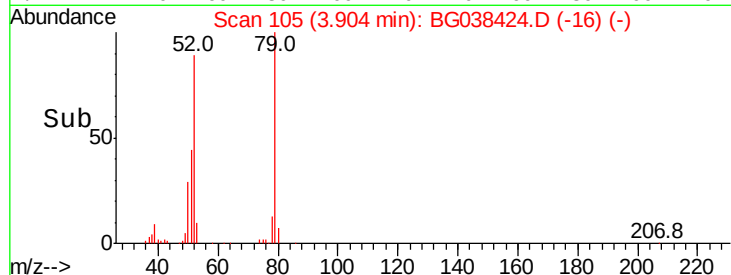
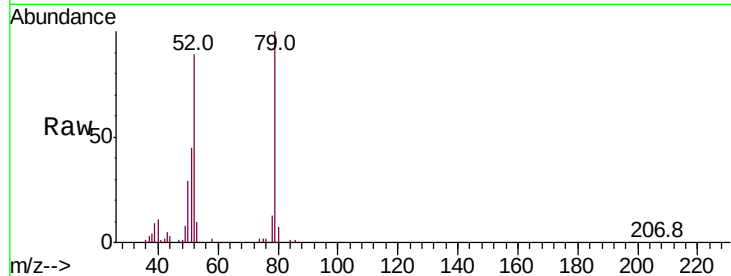
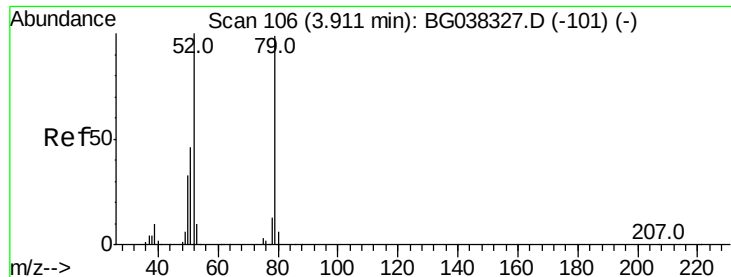
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.295 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038424.D

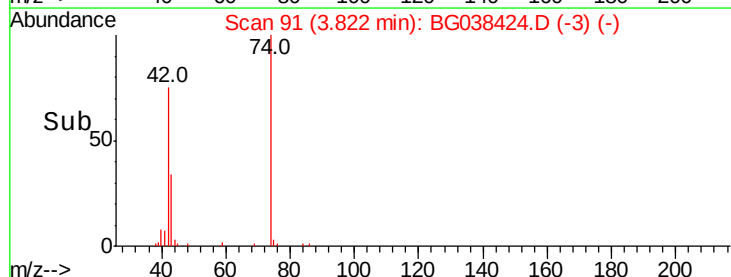
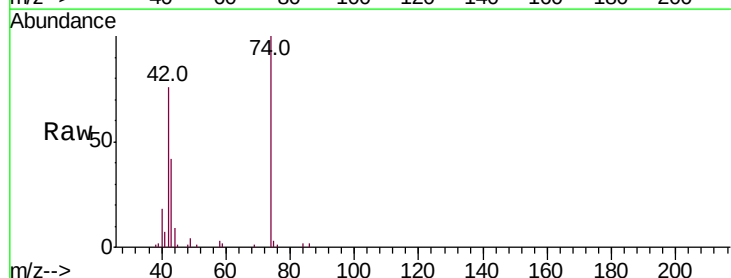
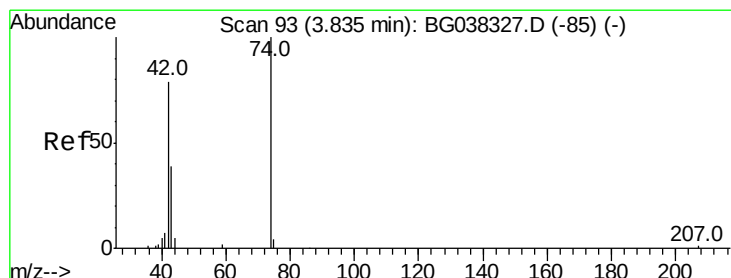
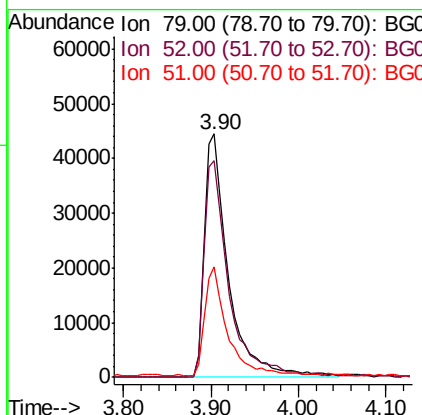
Acq: 8 Dec 2018 5:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.2	74.2	111.2
51	45.4	34.6	51.8

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BNA_G
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Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.283 ng

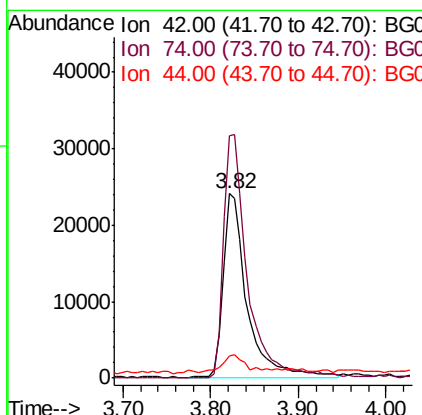
RT: 3.82 min Scan# 91

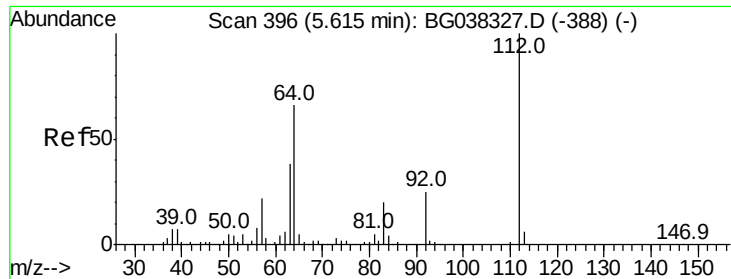
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.3	102.0	153.0
44	12.1	9.6	14.4





#5

2-Fluorophenol

Concen: 59.335 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

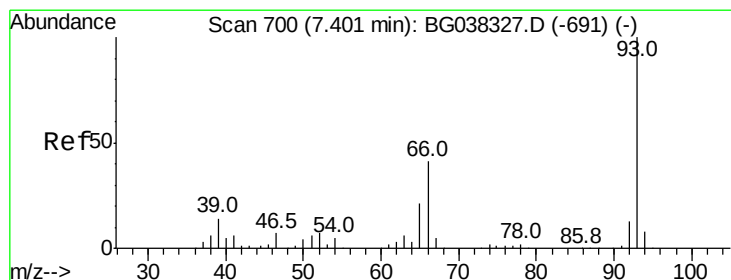
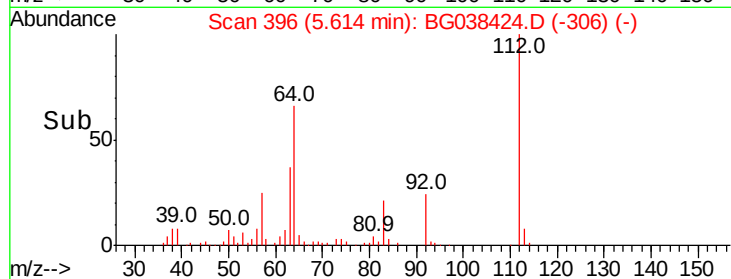
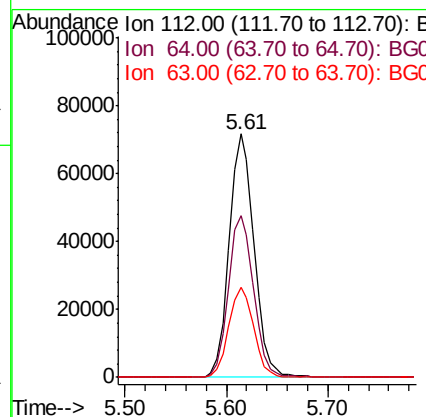
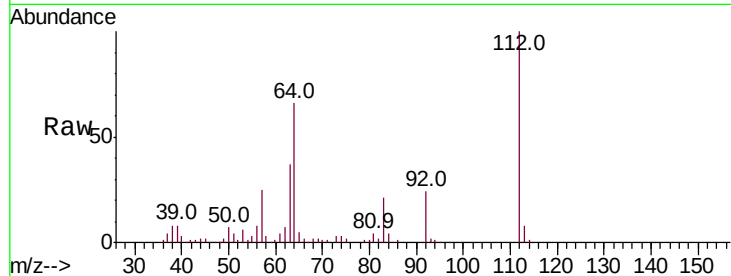
ClientSampleId :

PB115307BSD

Tot Ion:	112	Resp:	121714
Ion Ratio	Lower	Upper	
112	100		
64	66.2	53.1	79.7
63	37.1	27.3	40.9

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#6

Aniline

Concen: 21.586 ng

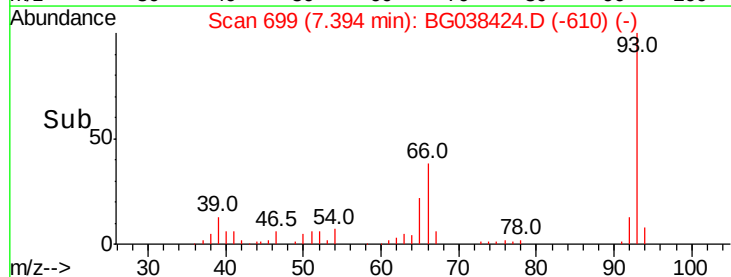
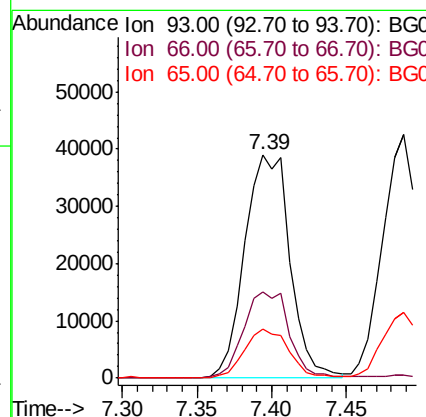
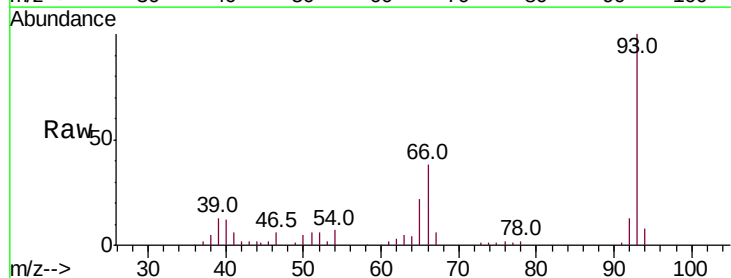
RT: 7.39 min Scan# 699

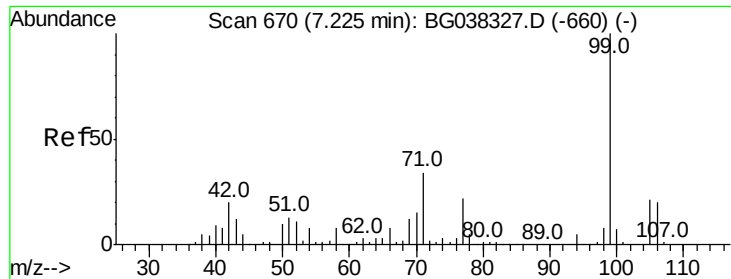
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	93	Resp:	81741
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.8	49.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 89.406 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

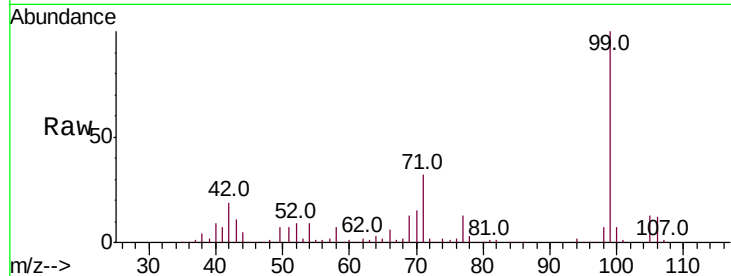
ClientSampleId :

PB115307BSD

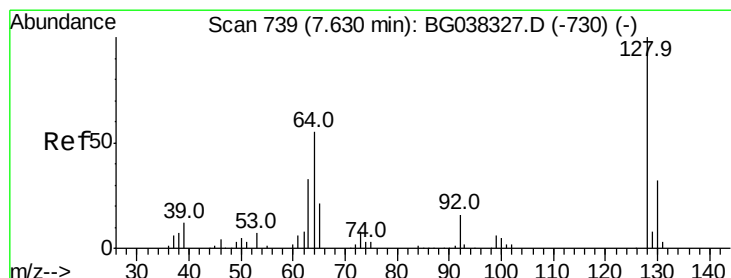
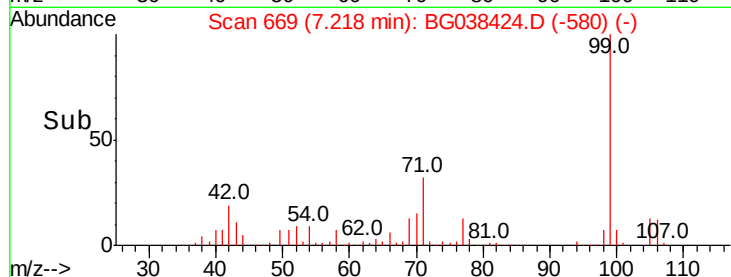
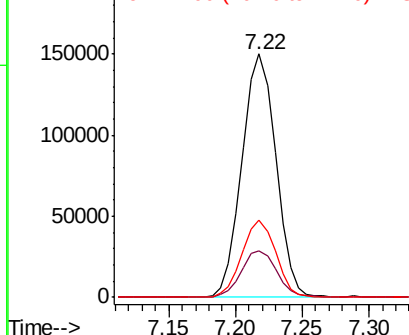
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		265076		
42	19.2	15.0	22.4		
71	31.7	25.5	38.3		

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



#8

2-Chlorophenol

Concen: 31.635 ng

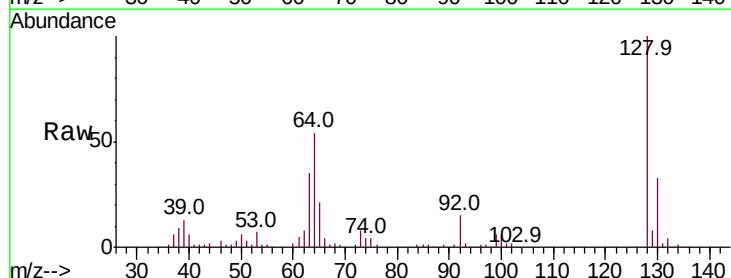
RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

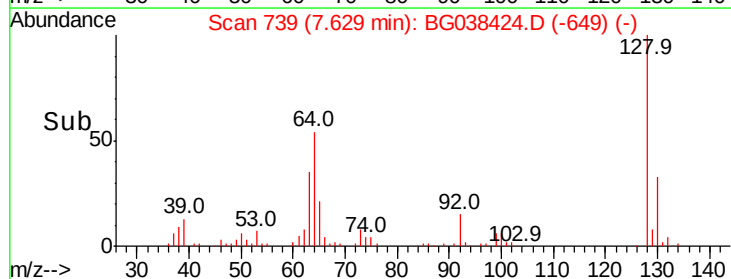
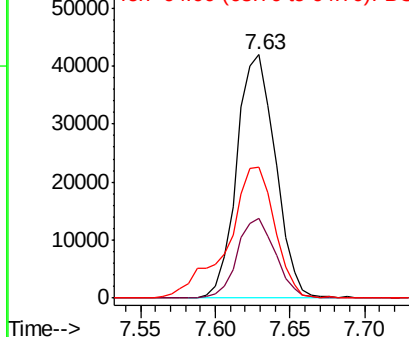
Lab File: BG038424.D

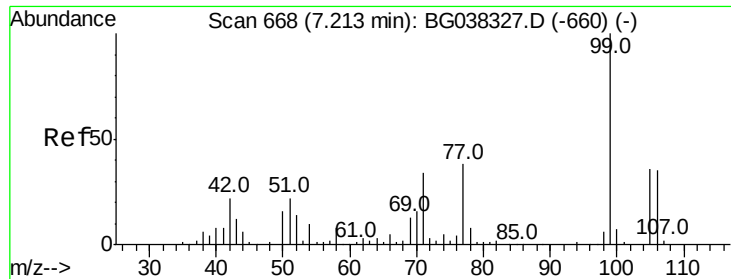
Acq: 8 Dec 2018 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		75366		
130	33.0	12.0	52.0		
64	53.8	32.9	72.9		



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





#9

Benzaldehyde

Concen: 25.153 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

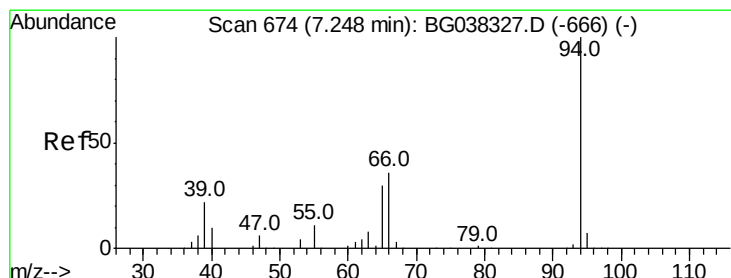
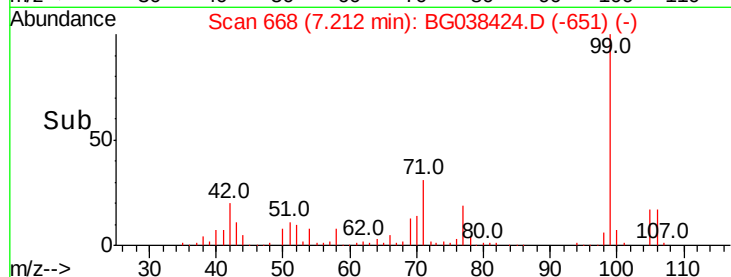
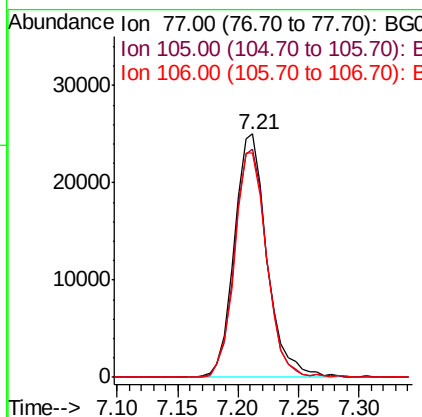
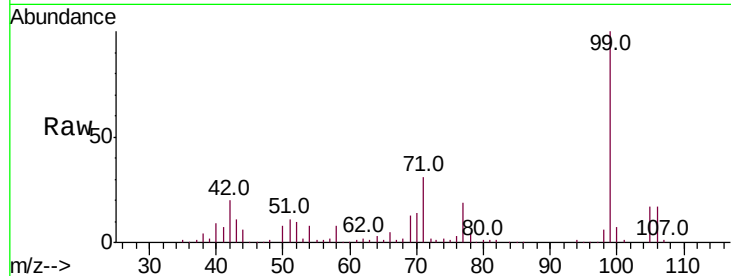
ClientSampleId :

PB115307BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.0	72.6	112.6
106	91.9	71.3	111.3

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#10

Phenol

Concen: 42.278 ng

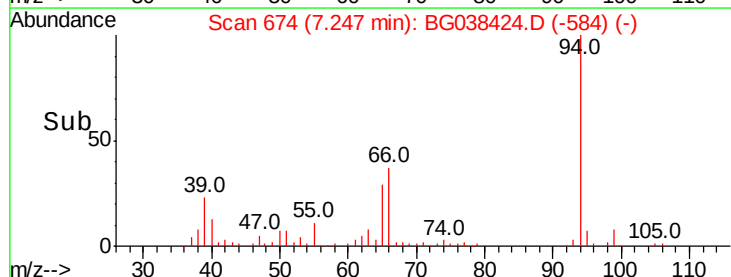
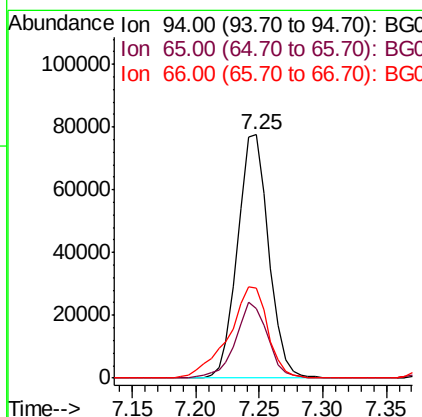
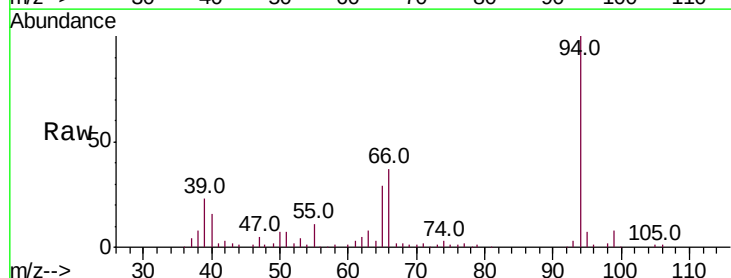
RT: 7.25 min Scan# 674

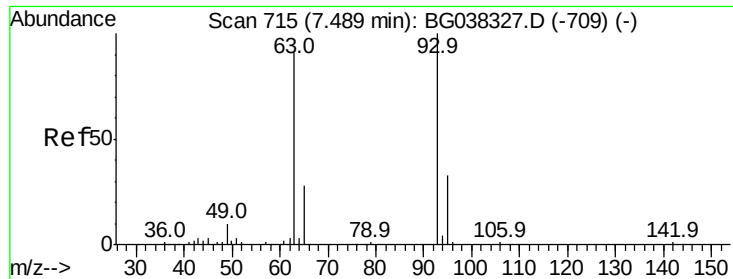
Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.7	49.7
66	37.2	15.9	55.9





#11

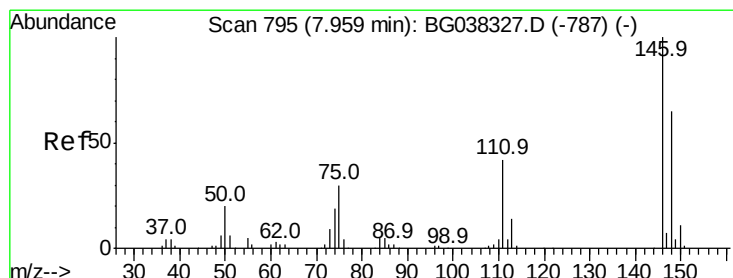
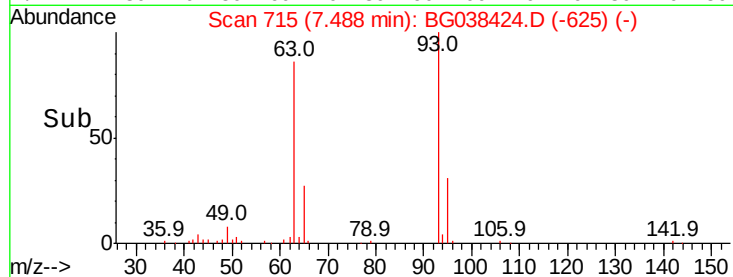
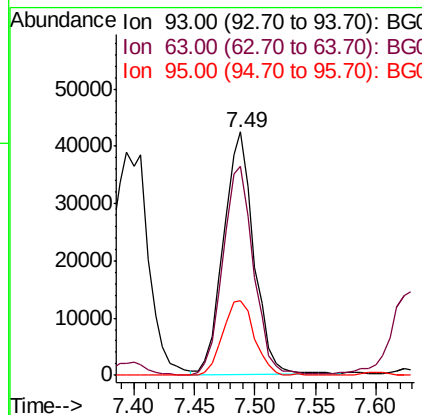
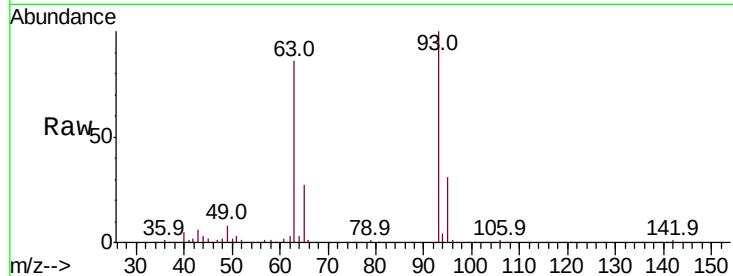
bis(2-Chloroethyl)ether
Concen: 28.563 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	69.5	109.5
95	30.7	12.6	52.6

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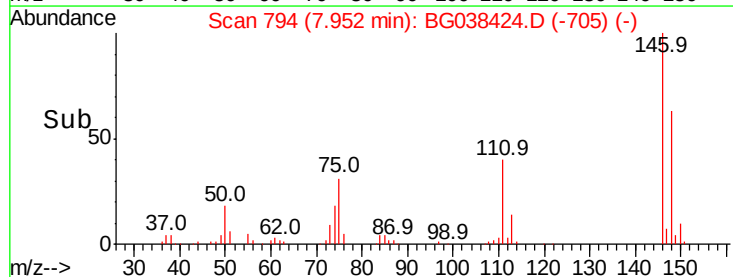
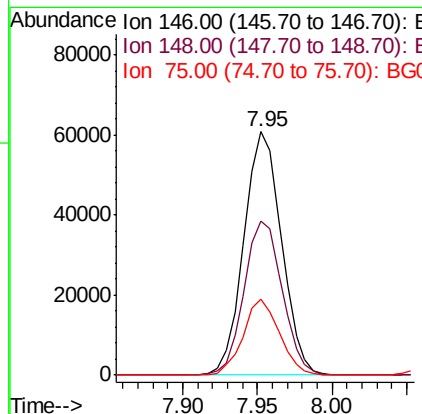
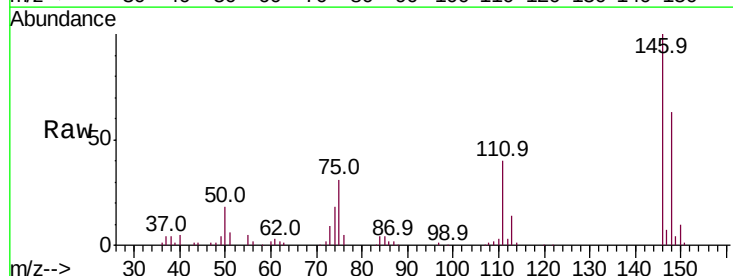
Sohil
12/11/2018 10:30:38 AM

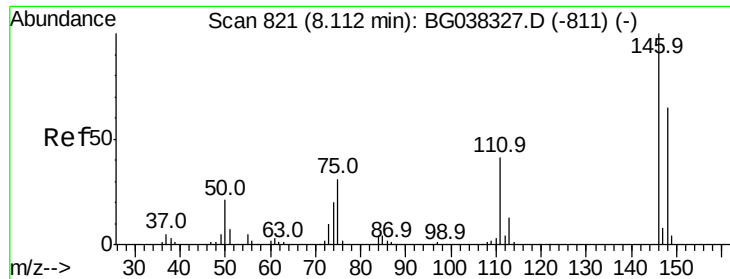


#12

1,3-Dichlorobenzene
Concen: 38.095 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.8
75	31.3	23.2	34.8





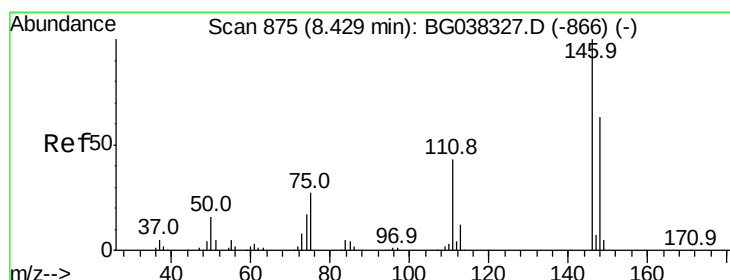
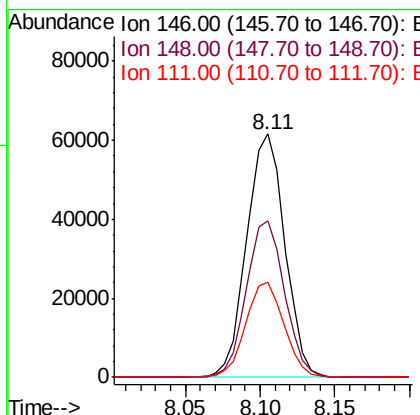
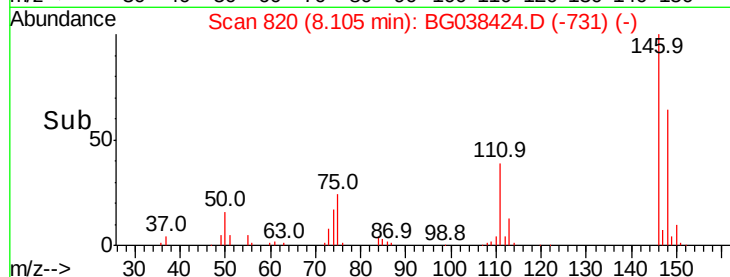
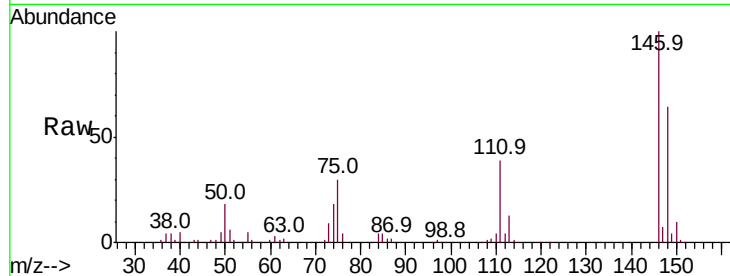
#13
 1,4-Dichlorobenzene
 Concen: 37.809 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	39.2	32.4	48.6

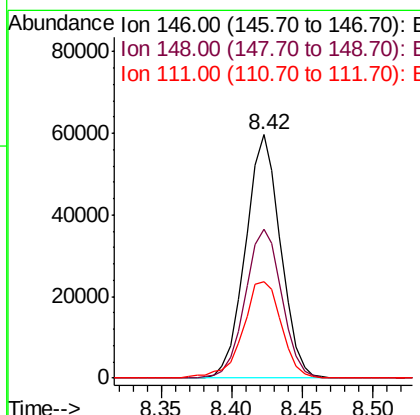
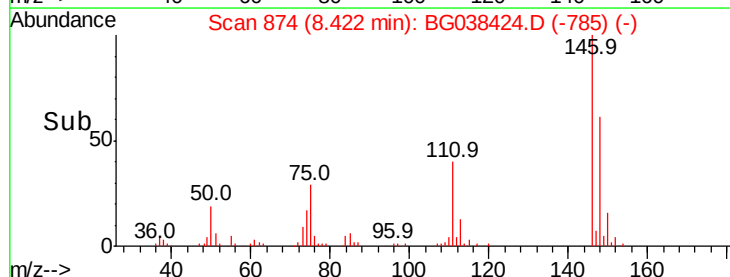
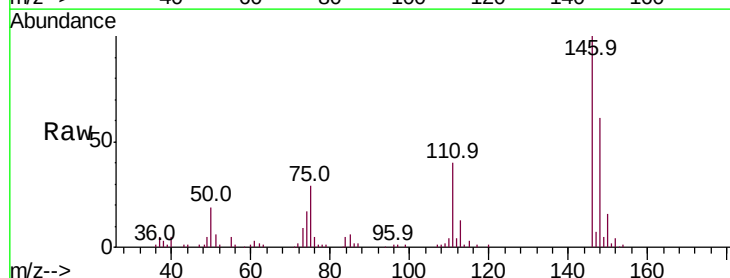
Manual Integrations
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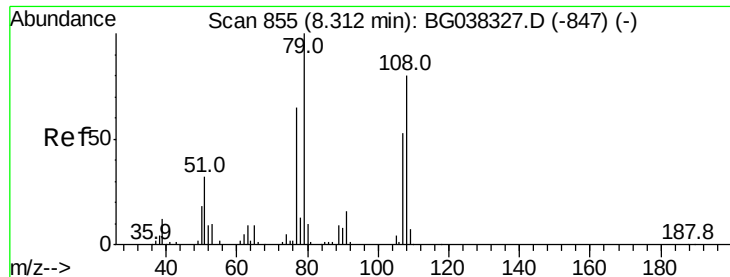
Sohil
 12/11/2018 10:30:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.814 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.4	75.6
111	39.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 34.820 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

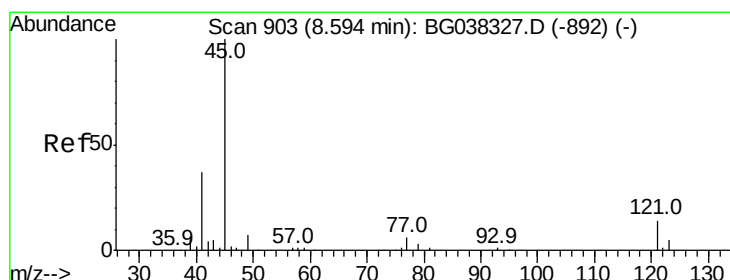
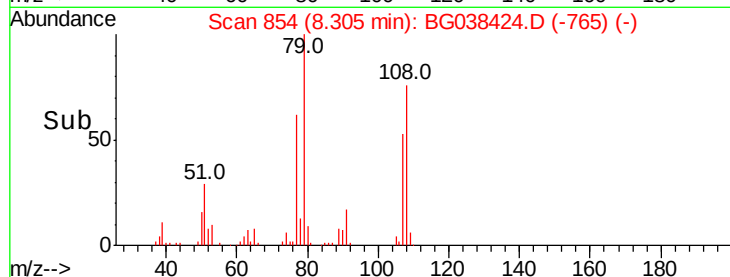
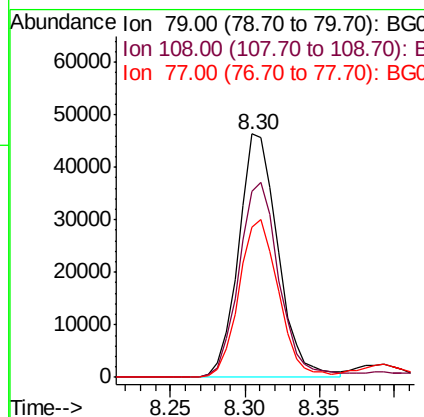
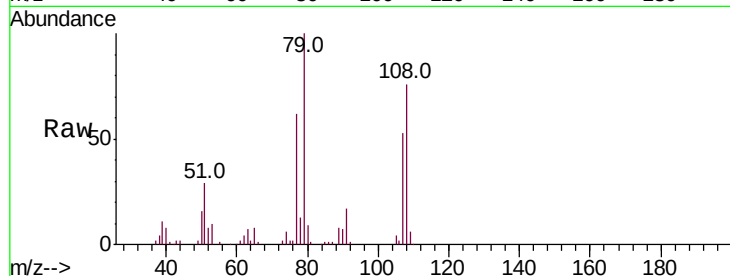
ClientSampleId :

PB115307BSD

Tot Ion:	79	Resp:	84875
Ion Ratio	Lower	Upper	
79	100		
108	76.2	65.8	98.8
77	61.6	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.849 ng

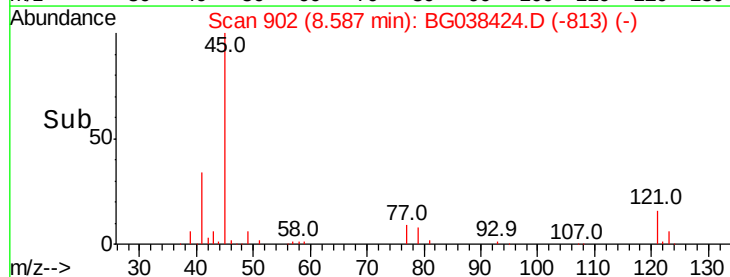
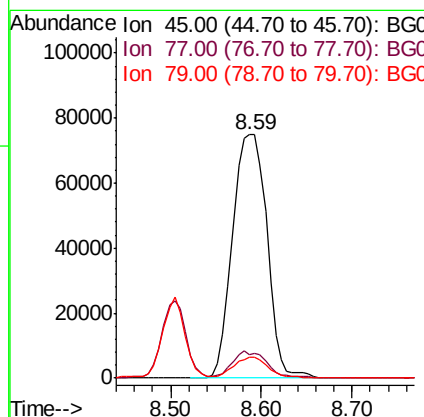
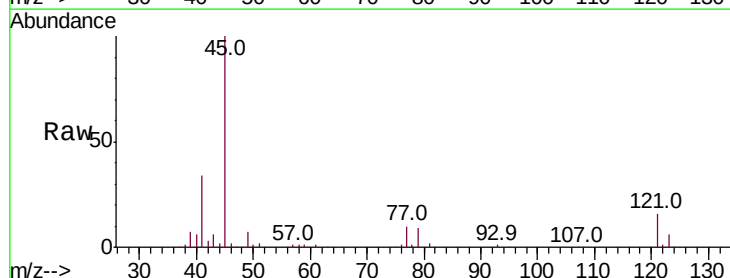
RT: 8.59 min Scan# 902

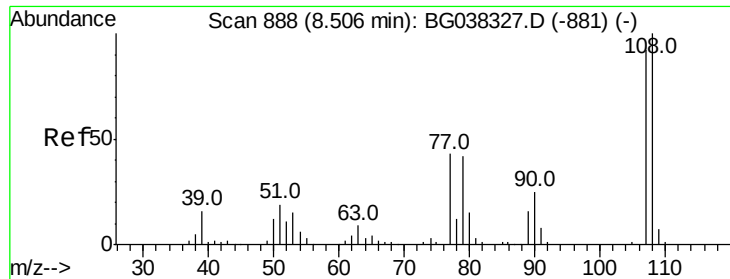
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	45	Resp:	197525
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.0
79	8.5	0.0	29.0





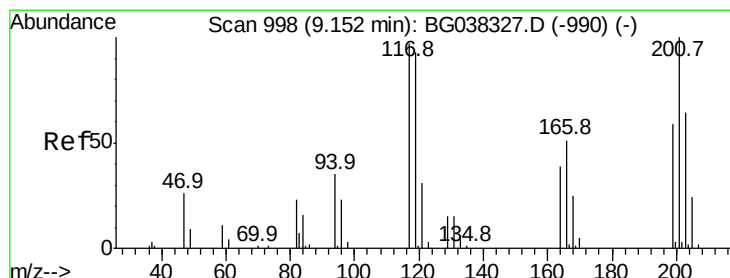
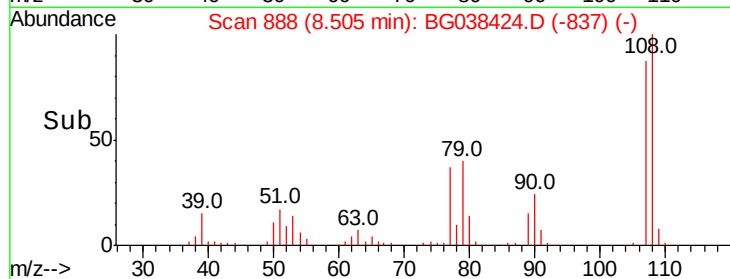
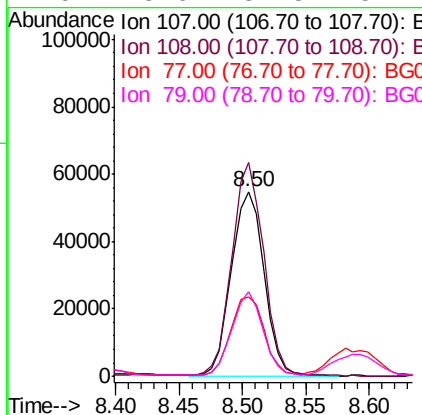
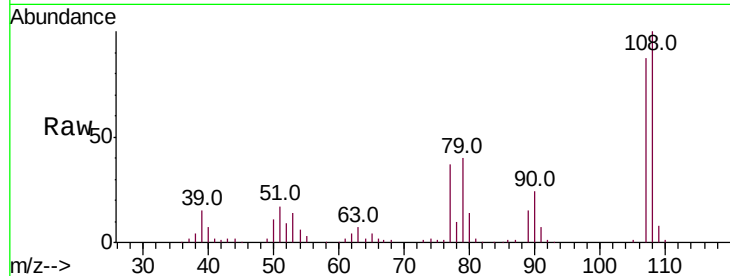
#17
2-Methylphenol
Concen: 45.120 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	87.9	131.9	
77	43.1	35.1	52.7	
79	45.6	34.5	51.7	

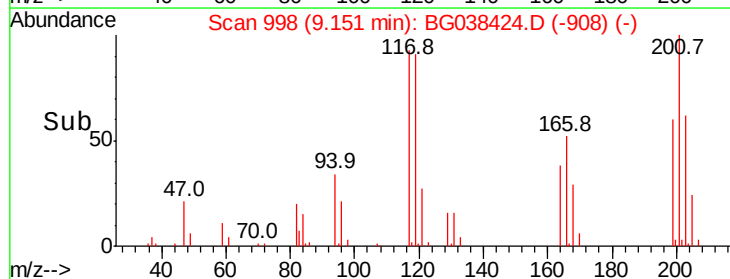
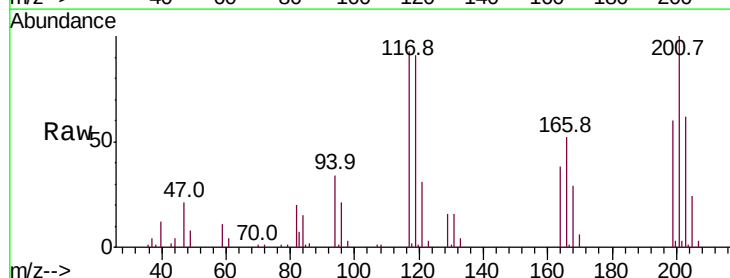
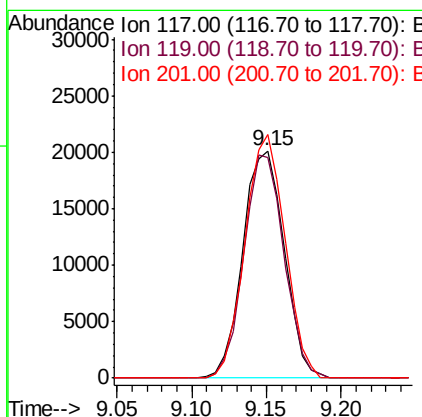
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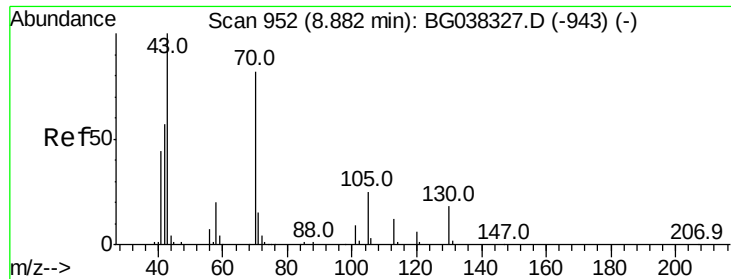
Sohil
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#18
Hexachloroethane
Concen: 37.120 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	74.6	111.8	
201	107.2	80.8	121.2	





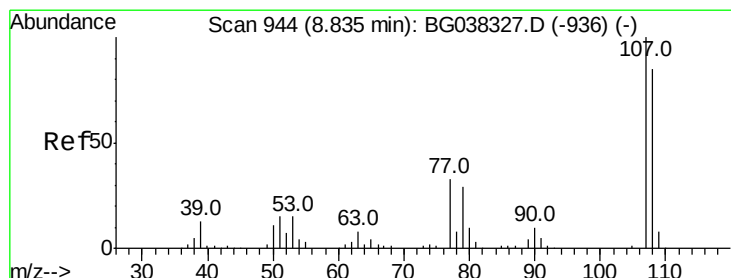
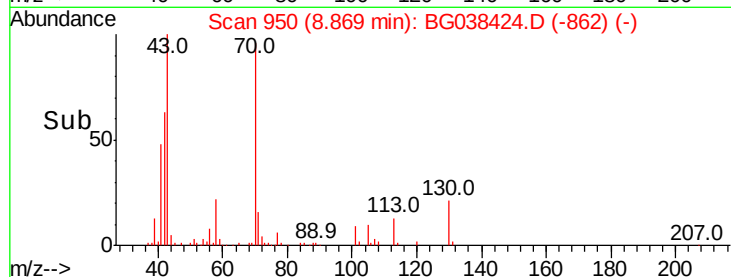
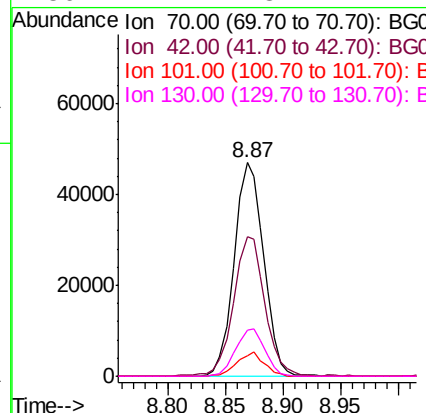
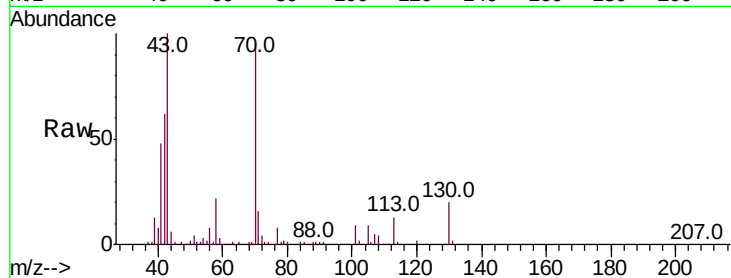
#19
n-Nitroso-di-n-propylamine
Concen: 38.235 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	53.9	80.9	
101	9.4	8.2	12.2	
130	21.4	18.2	27.4	

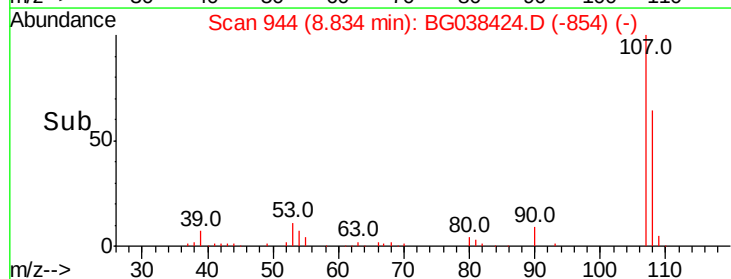
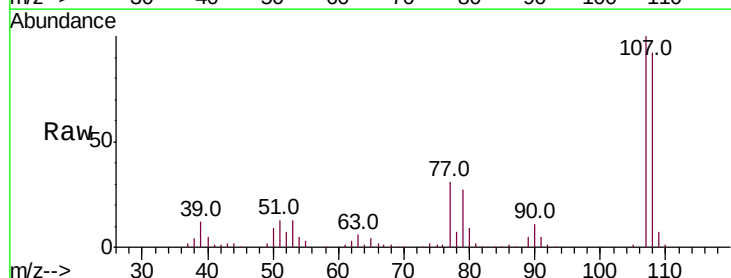
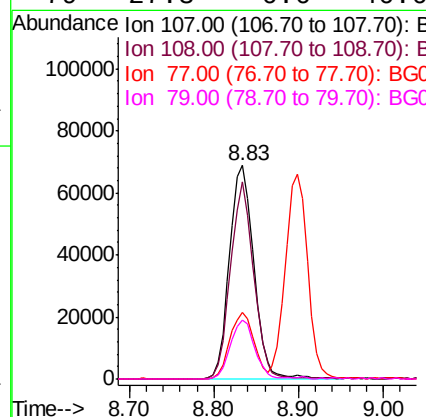
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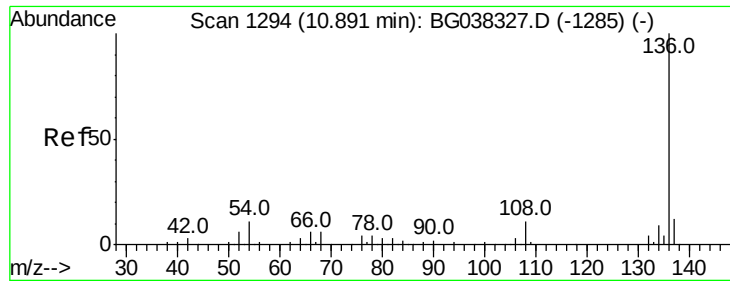
Sohil
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#20
3+4-Methylphenols
Concen: 43.507 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	69.9	109.9	
77	31.2	11.2	51.2	
79	27.3	6.6	46.6	





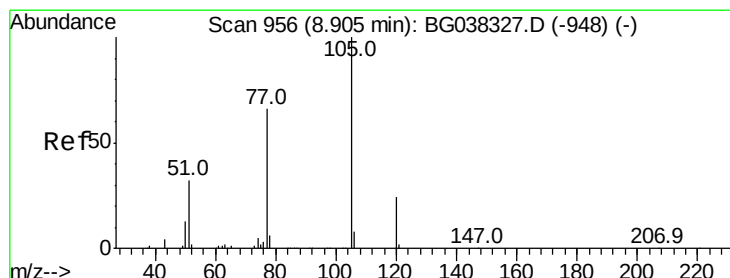
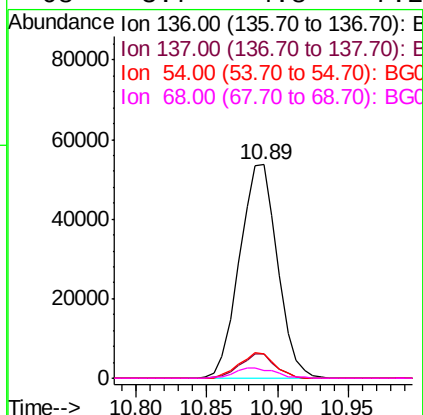
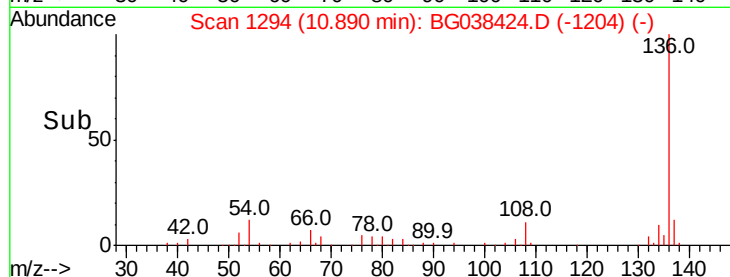
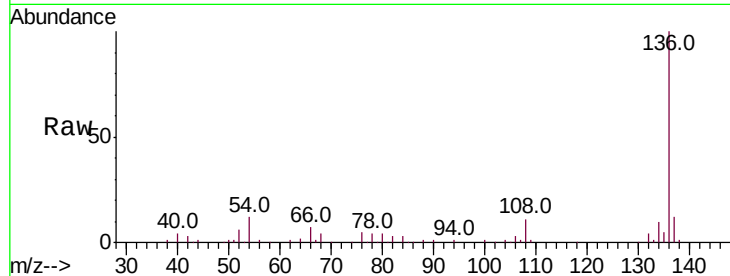
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	100914		
137	11.6		9.6	14.4
54	11.6		7.9	11.9
68	3.7		4.8	7.2#

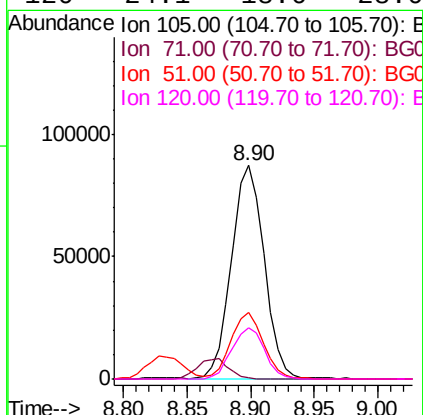
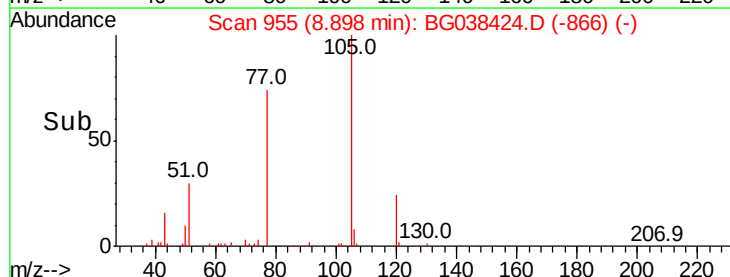
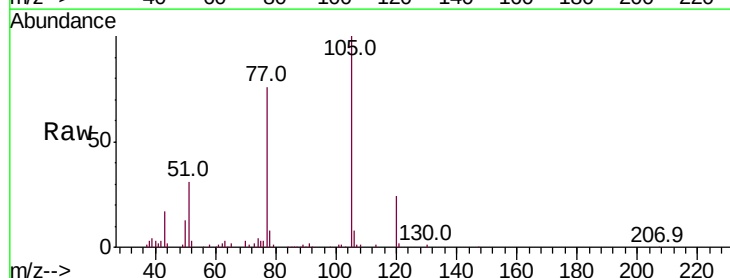
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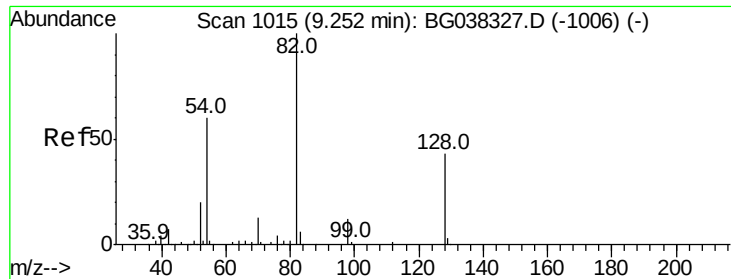
Sohil
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#22
Acetophenone
Concen: 65.226 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154889		
71	0.8		1.2	1.8#
51	30.9		25.0	37.6
120	24.1		18.6	28.0





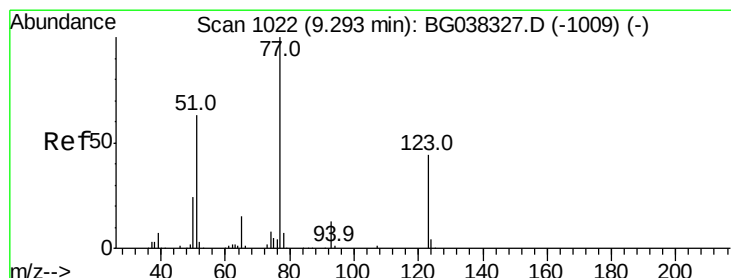
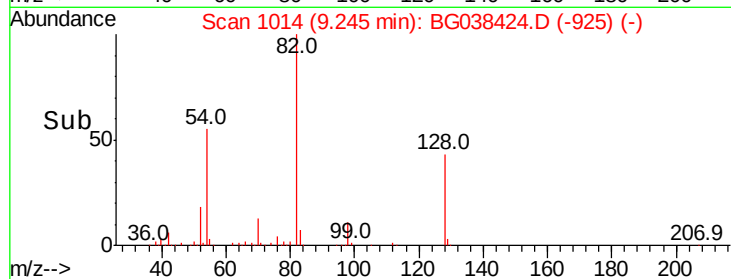
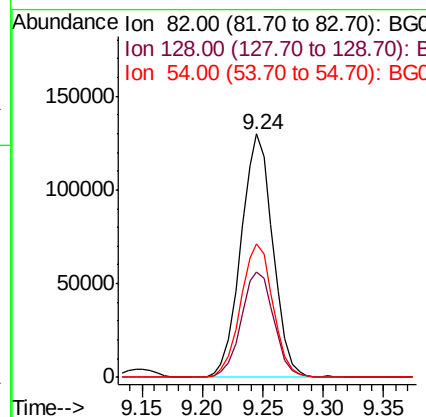
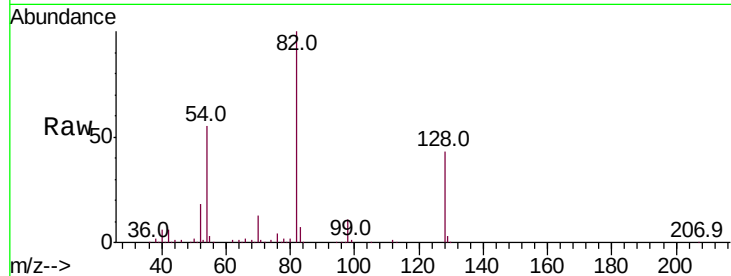
#23
 Nitrobenzene-d5
 Concen: 117.760 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	239359		
128	43.2	34.6	51.8	
54	54.8	45.3	67.9	

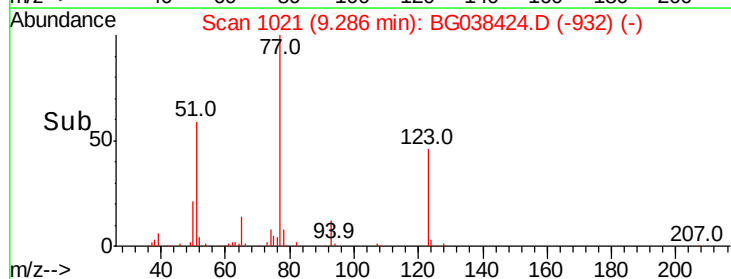
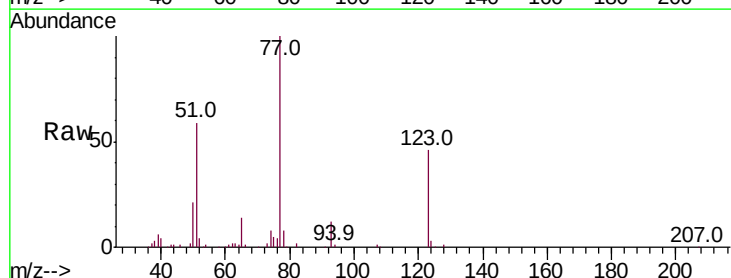
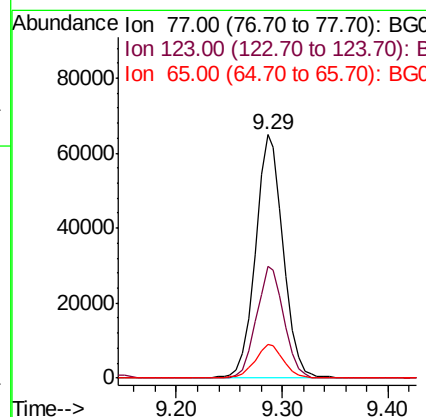
Manual Integrations
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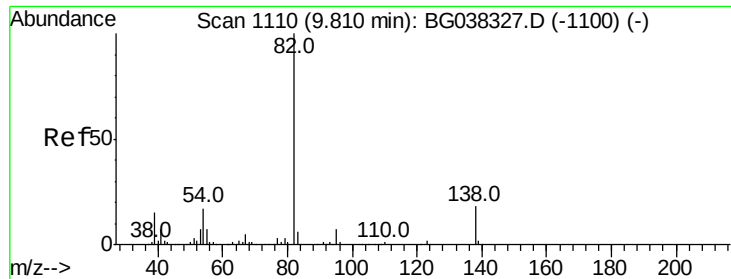
Sohil
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#24
 Nitrobenzene
 Concen: 57.324 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118378		
123	46.0	33.6	50.4	
65	13.9	11.3	16.9	





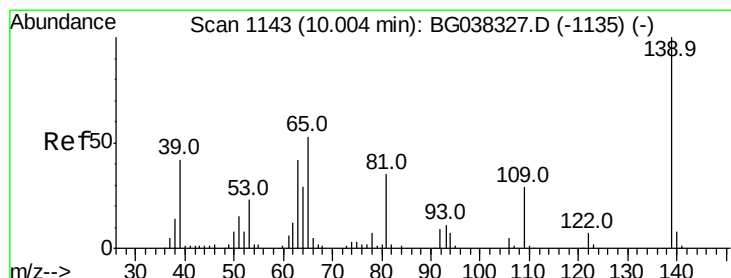
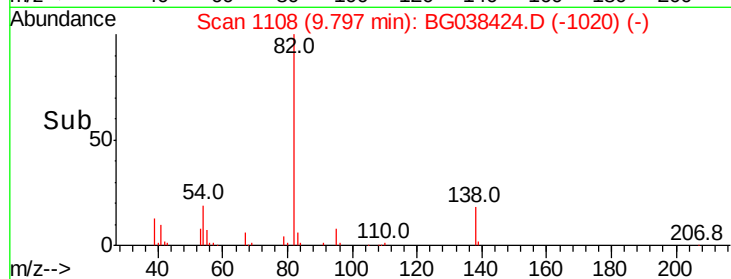
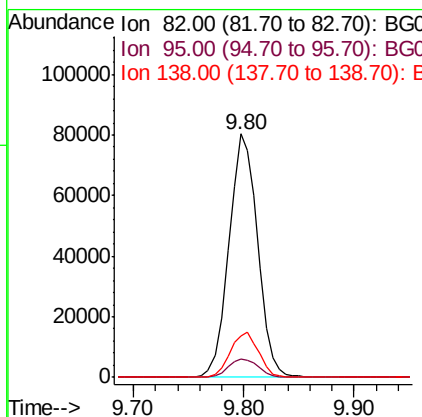
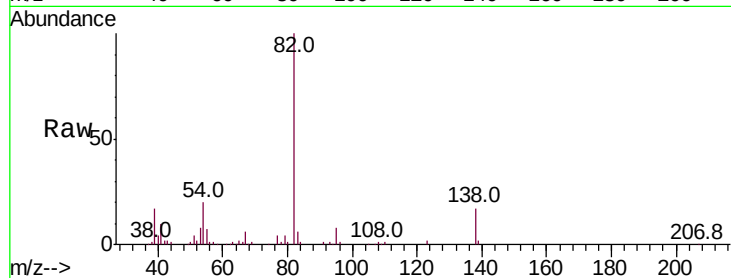
#25
Isophorone
Concen: 40.889 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	5.3	7.9	
138	17.2	13.3	19.9	

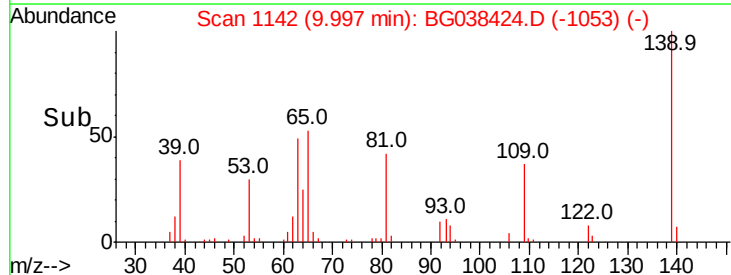
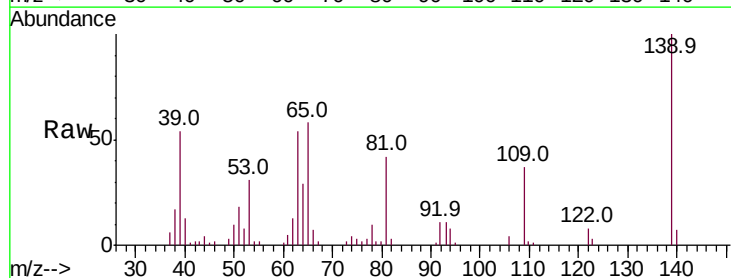
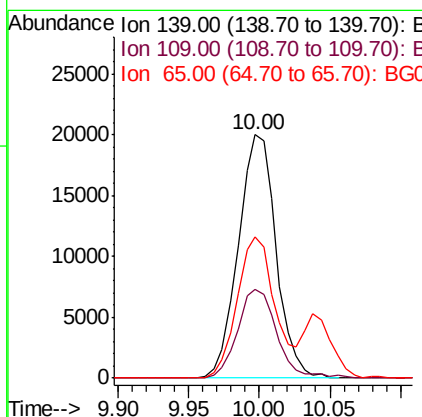
Manual Integrations
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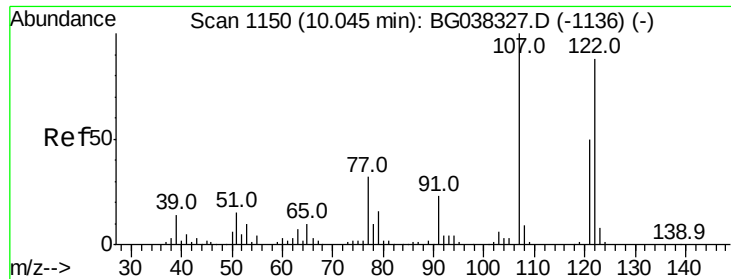
Sohil
12/11/2018 10:30:38 AM



#26
2-Nitrophenol
Concen: 39.124 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.6	23.3	34.9#	
65	57.7	39.8	59.8	





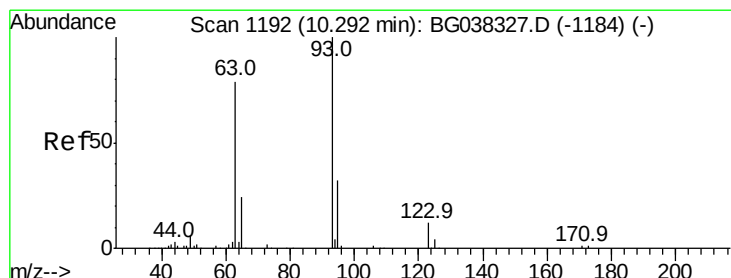
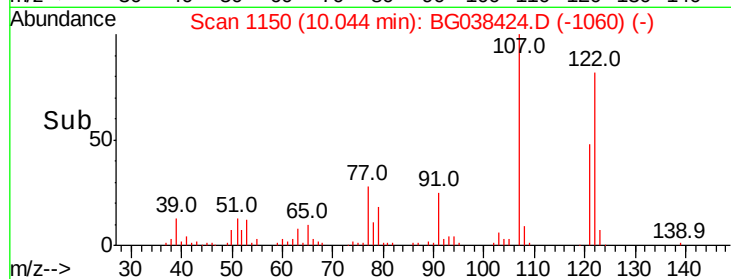
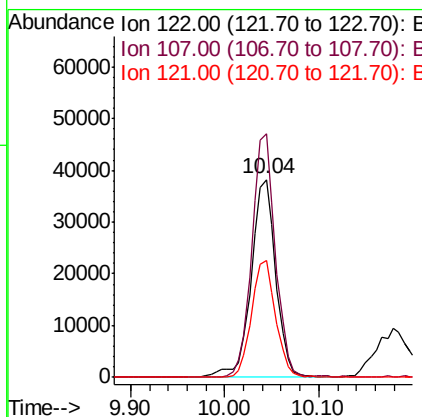
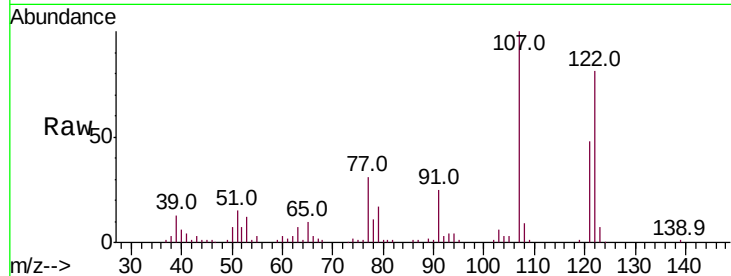
#27
 2,4-Dimethylphenol
 Concen: 50.815 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	69838		
107	123.0		94.2	141.2
121	59.3		47.3	70.9

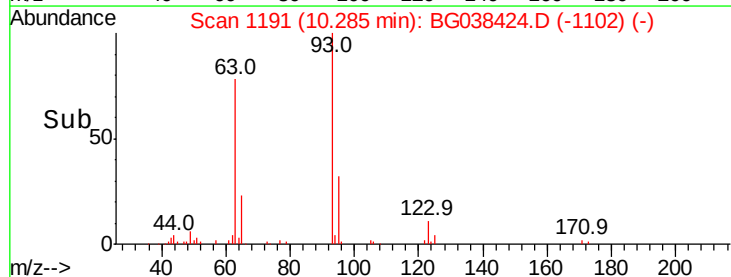
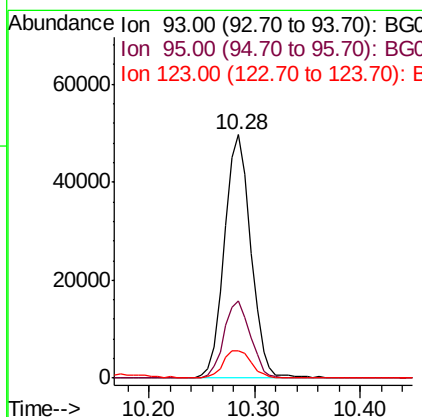
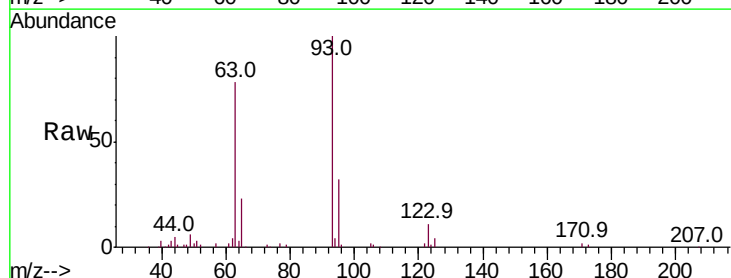
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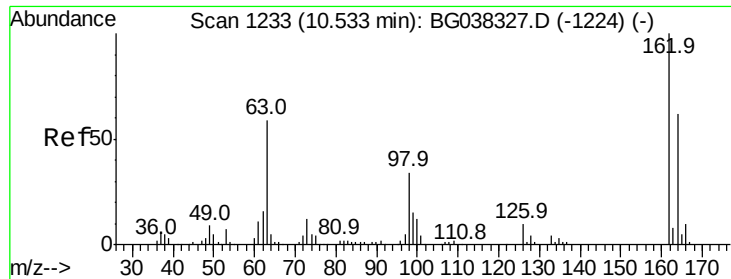
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.079 ng
 RT: 10.28 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	86166		
95	31.9		24.6	37.0
123	11.4		9.1	13.7





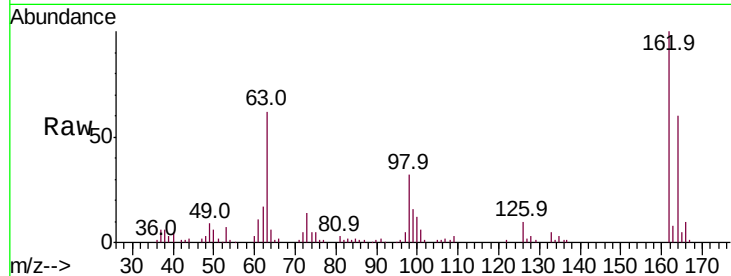
#29
 2,4-Dichlorophenol
 Concen: 46.025 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

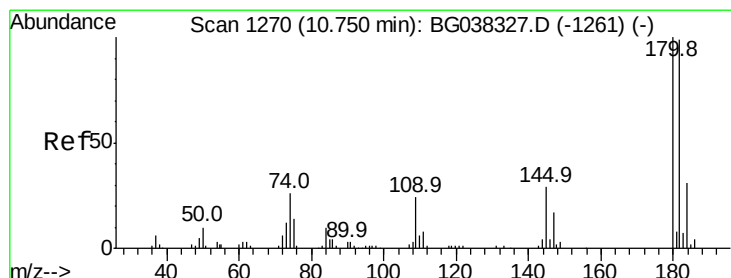
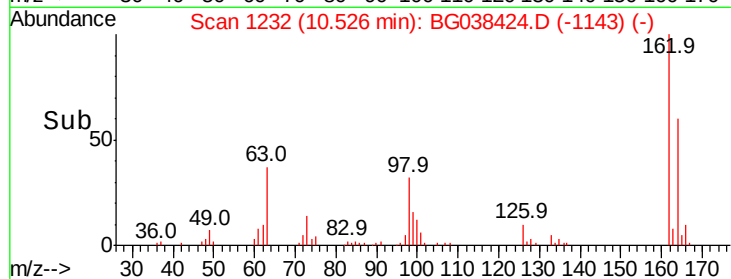
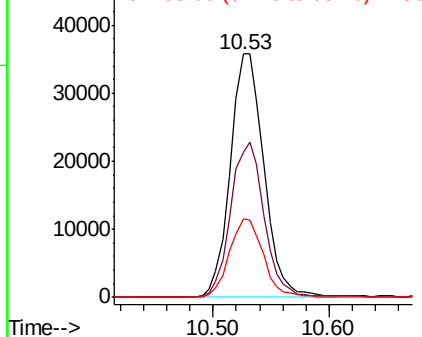
Tot Ion:	162	Resp:	72206
Ion Ratio	Lower	Upper	
162	100		
164	59.5	43.2	83.2
98	32.2	16.0	56.0

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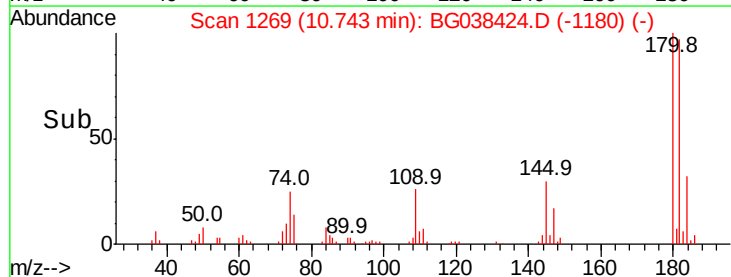
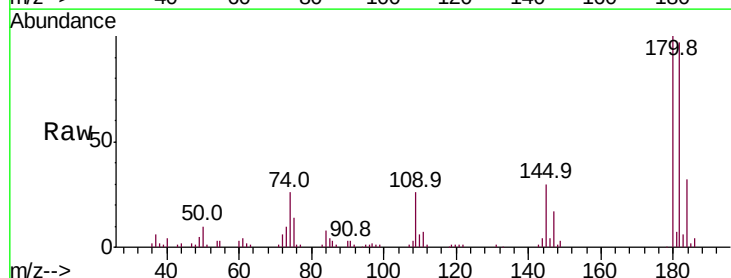
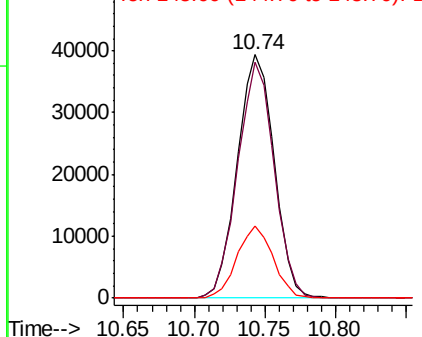
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

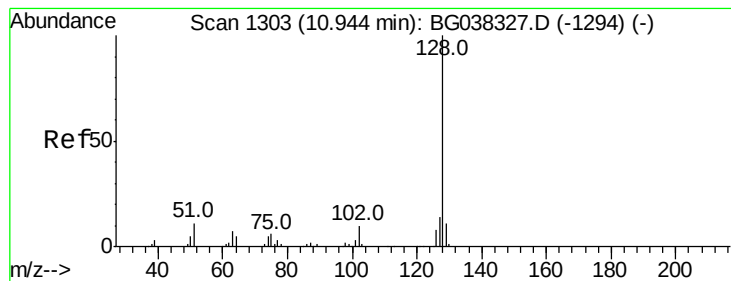


#30
 1,2,4-Trichlorobenzene
 Concen: 38.969 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:	180	Resp:	71766
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.7	116.5
145	29.5	23.3	34.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.475 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

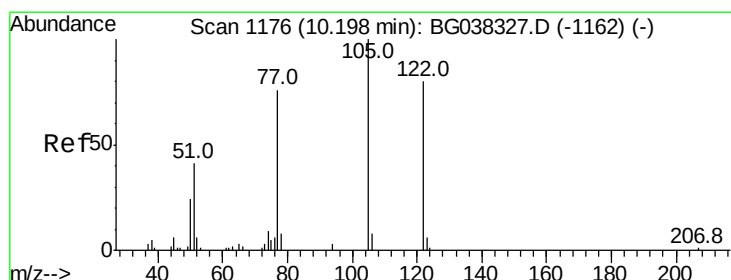
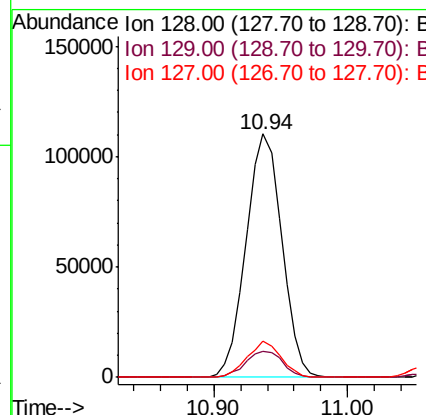
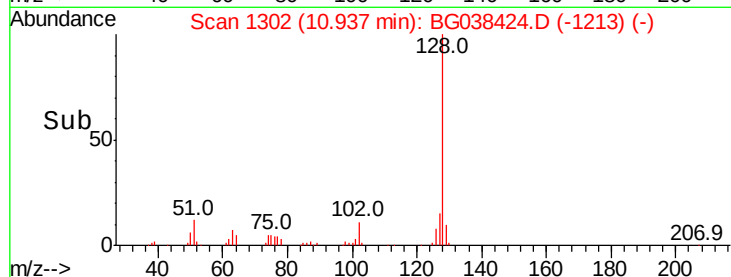
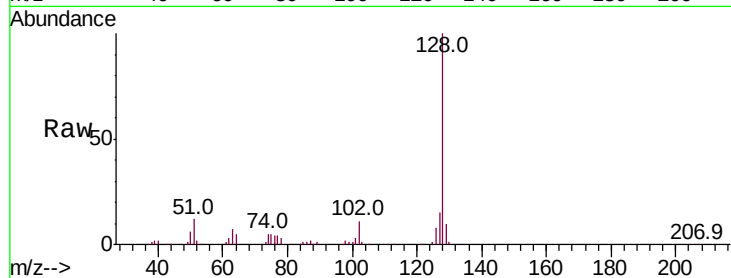
ClientSampleId :

PB115307BSD

Tot Ion:	128	Resp:	204746
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.0	13.6
127	14.8	11.1	16.7

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#32

Benzoic acid

Concen: 32.545 ng

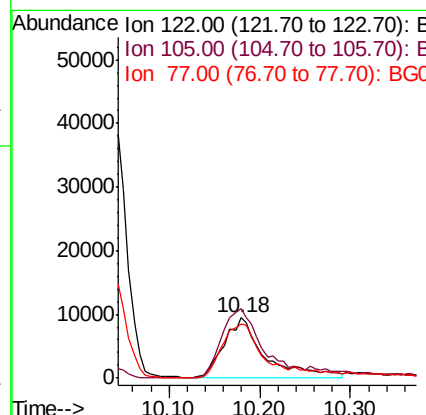
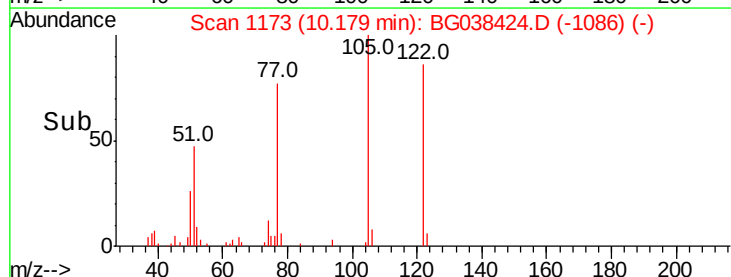
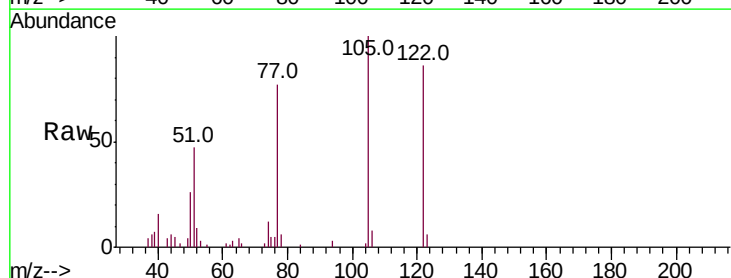
RT: 10.18 min Scan# 1173

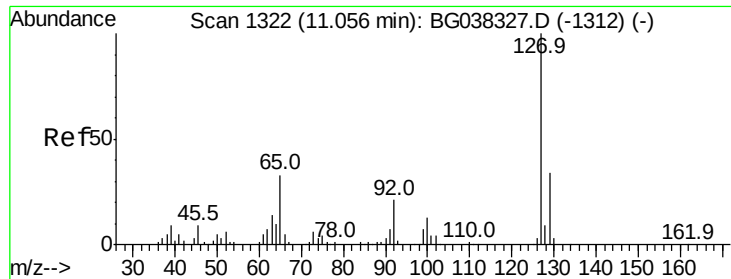
Delta R.T. -0.02 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	122	Resp:	30095
Ion Ratio	Lower	Upper	
122	100		
105	116.0	106.7	146.7
77	89.8	72.2	112.2





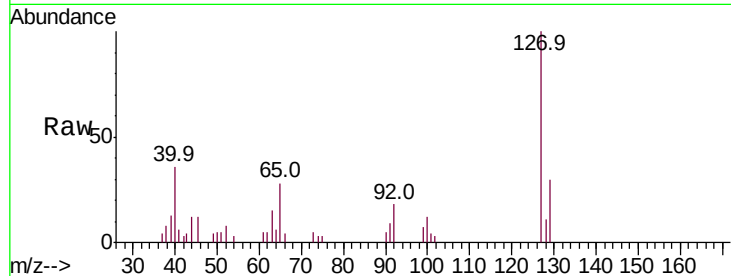
#33
4-Chloroaniline
Concen: 7.256 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.1	40.7
65	28.4	26.6	39.8
92	18.1	16.4	24.6

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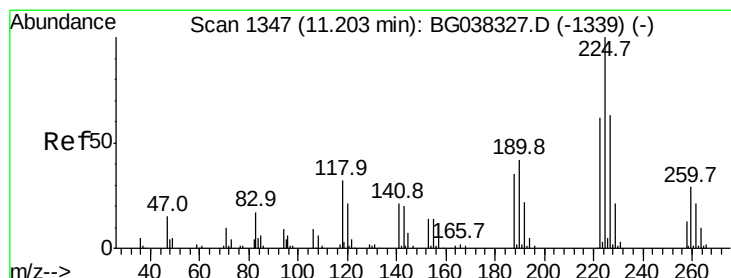
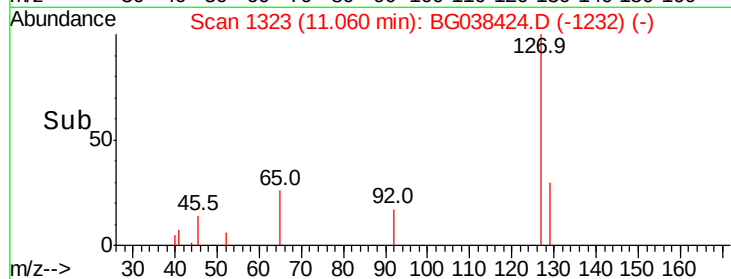
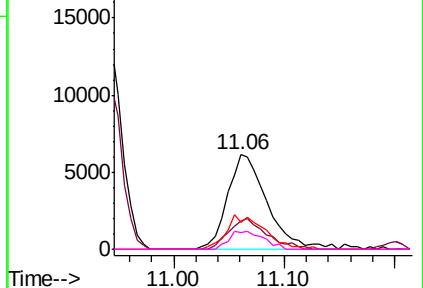
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

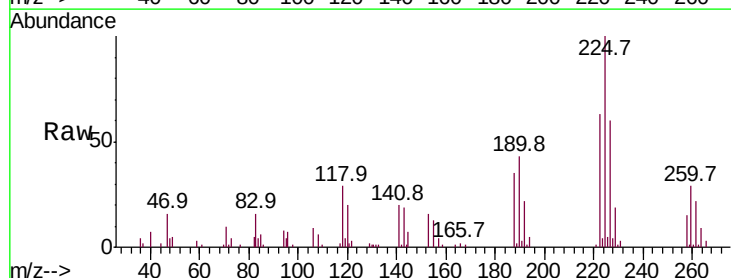
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.261 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	60.8	51.6	77.4

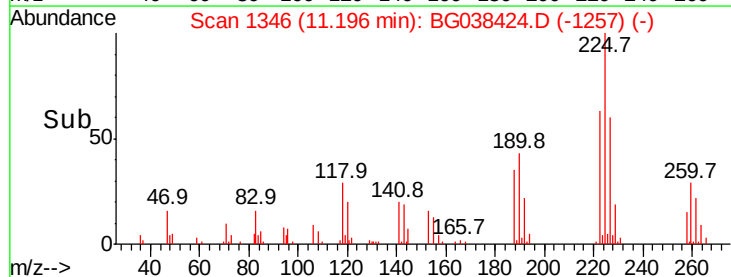
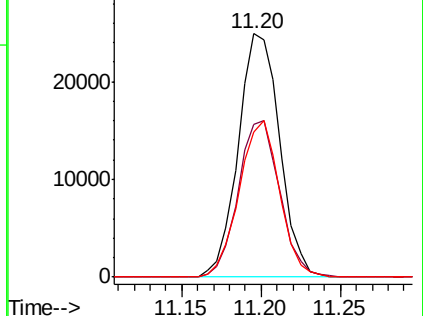


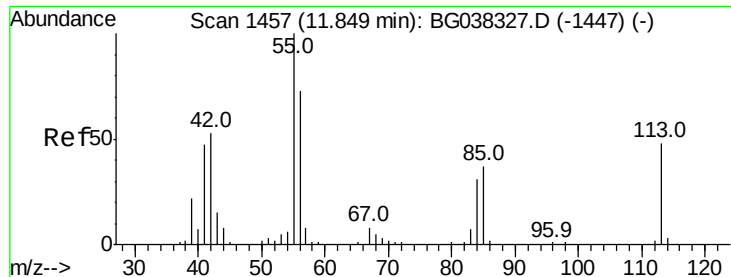
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





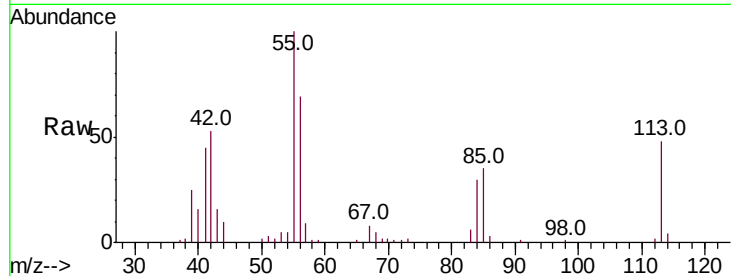
#35
 Caprolactam
 Concen: 42.234 ng/ml
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleID :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.0	176.6	216.6
56	145.6	128.3	168.3

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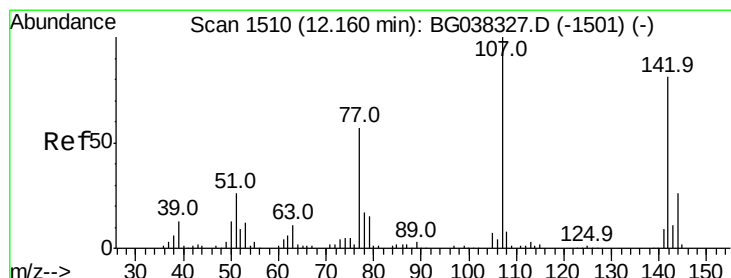
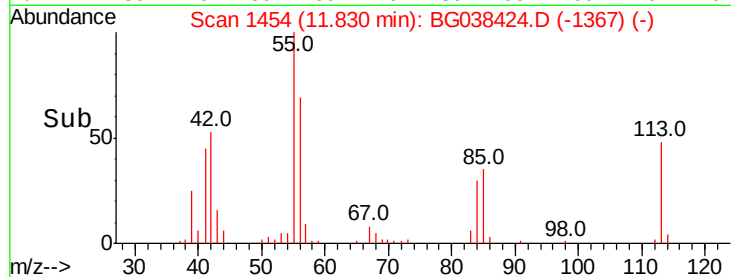
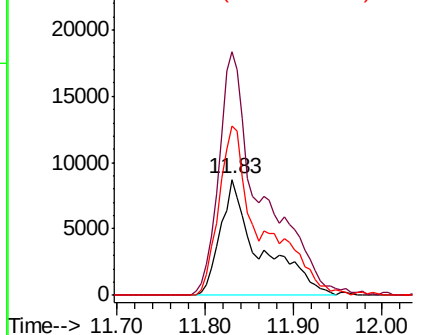


Abundance

Ion 113.00 (112.70 to 113.70): E

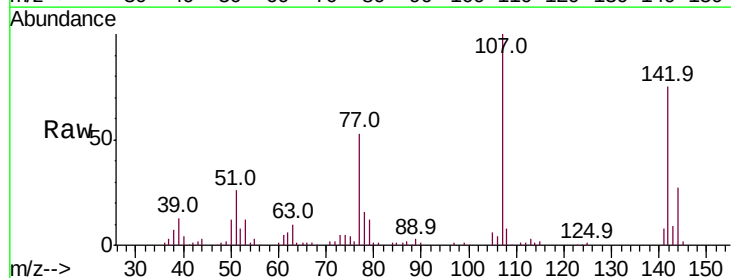
Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36
 4-Chloro-3-methylphenol
 Concen: 46.225 ng/ml
 RT: 12.16 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.7	31.1
142	74.6	64.4	96.6

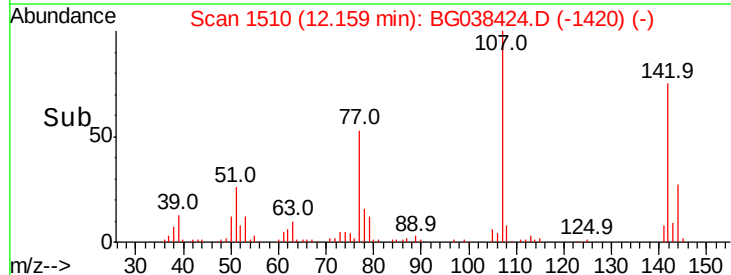
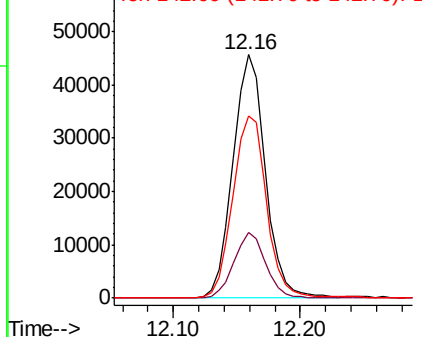


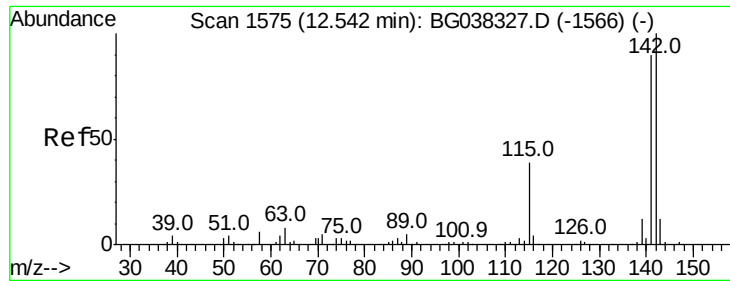
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





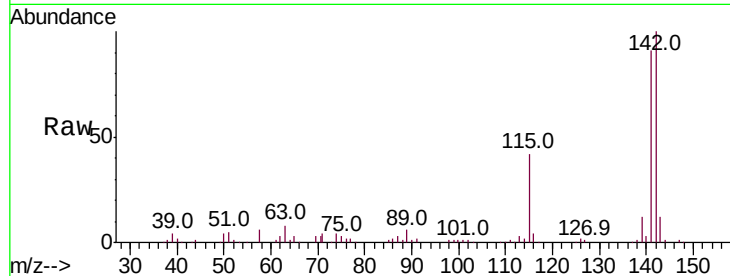
#37
2-Methylnaphthalene
Concen: 45.129 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	41.7	27.8	41.8

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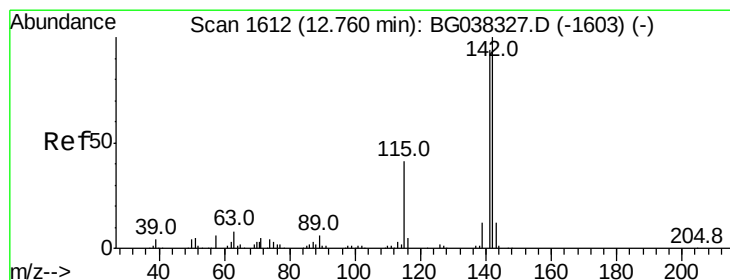
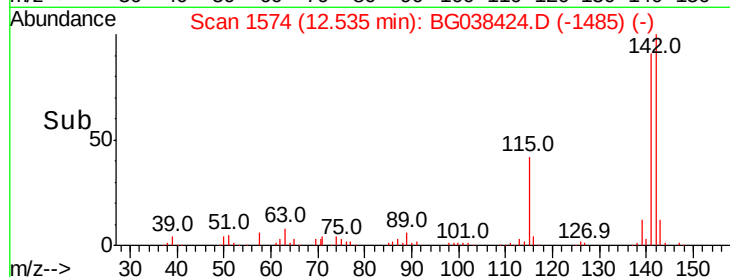
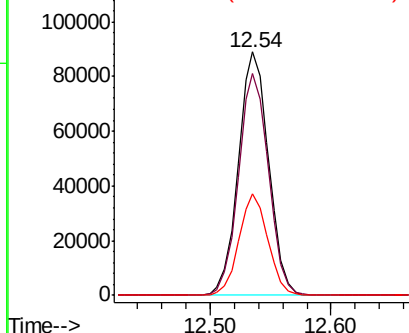


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.259 ng
RT: 12.75 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

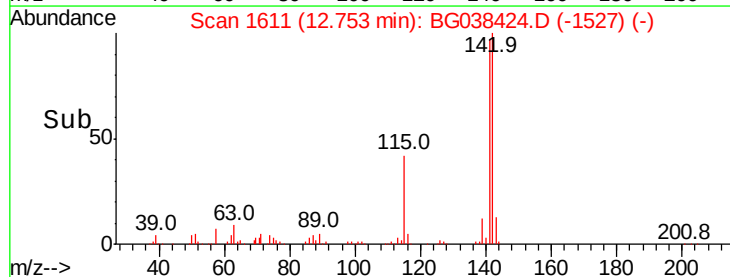
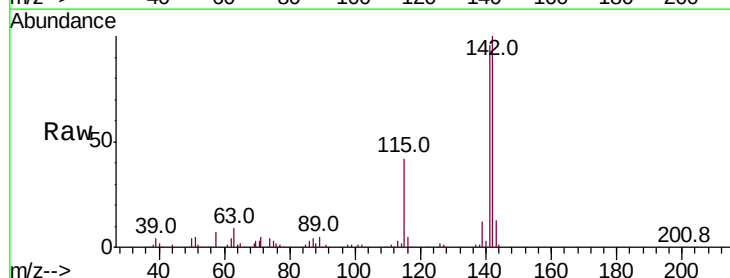
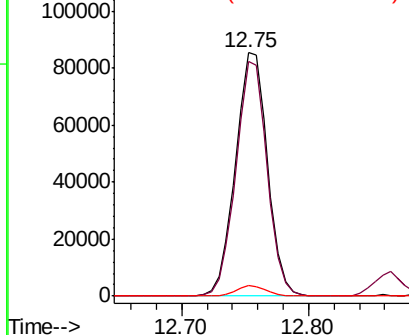
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.2	112.8
116	4.5	3.3	4.9

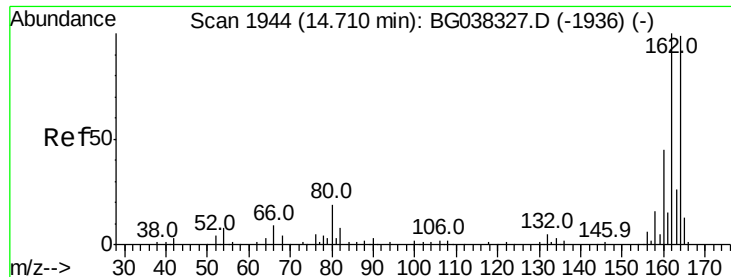
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





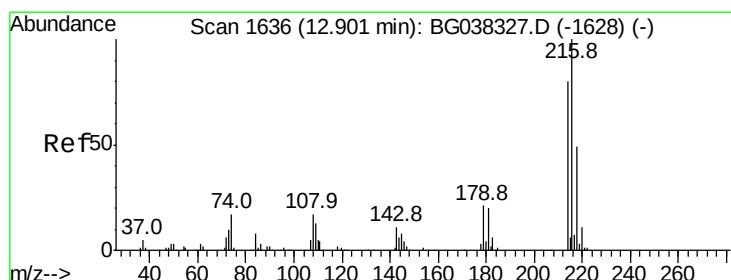
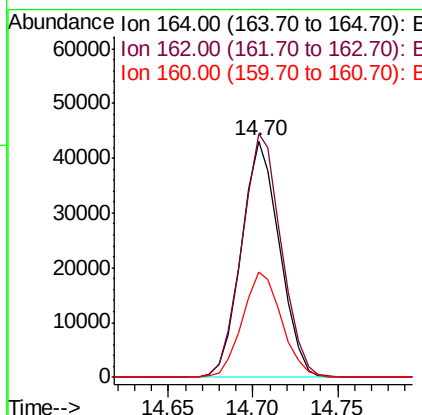
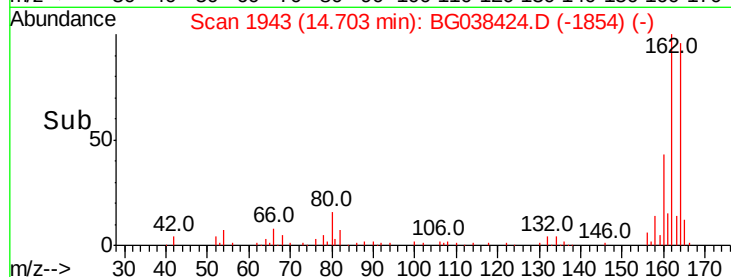
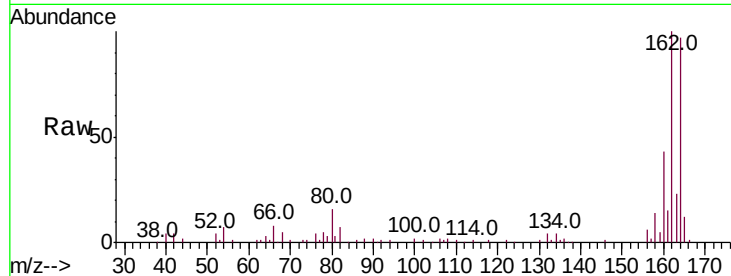
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	44.8	36.3	54.5

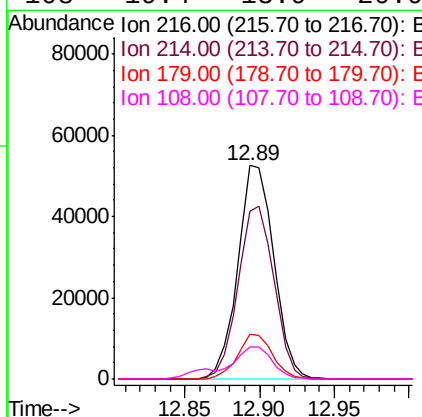
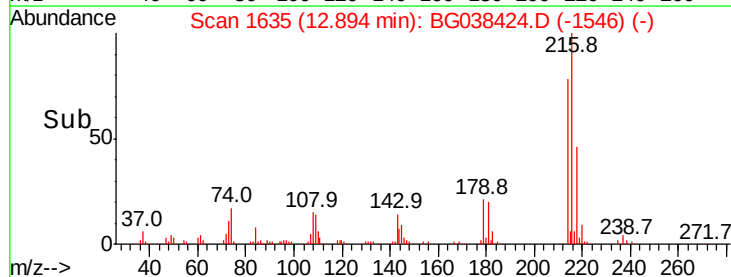
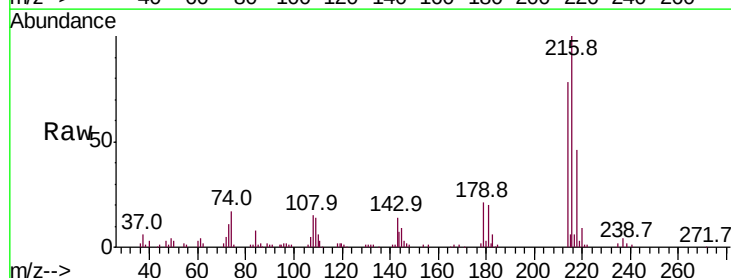
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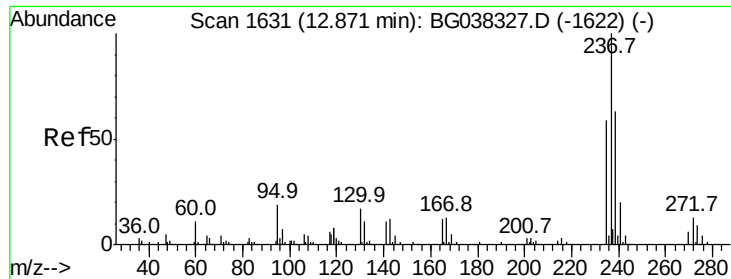
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.734 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.8	95.6
179	20.2	17.4	26.0
108	19.4	13.9	20.9





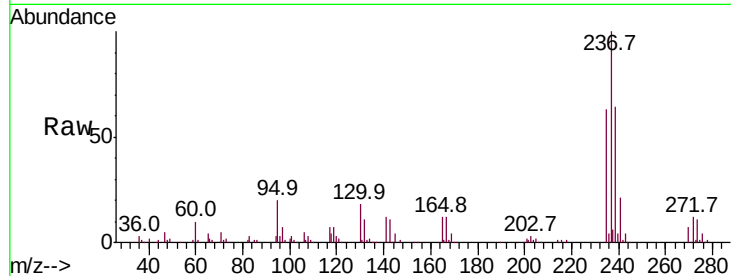
#41
Hexachlorocyclopentadiene
Concen: 92.477 ng
RT: 12.86 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

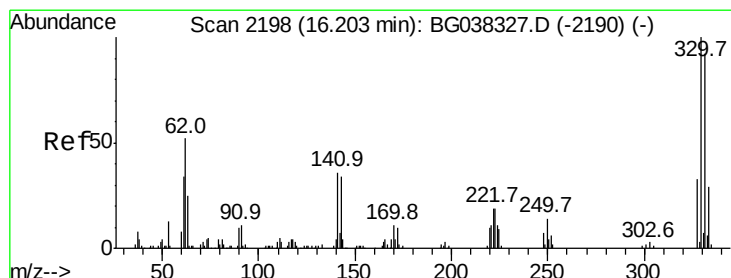
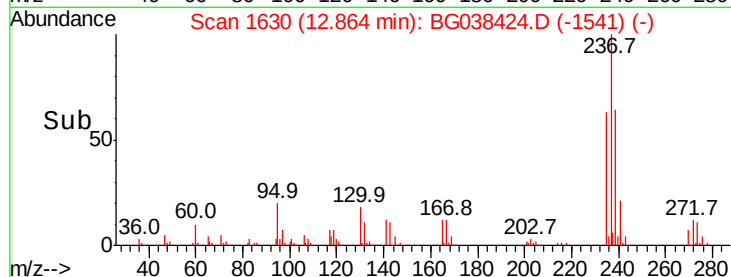
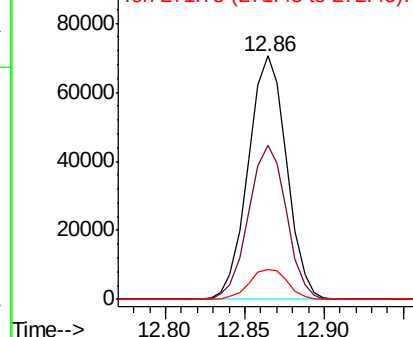
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	42.5	82.5
272	12.4	0.0	31.6

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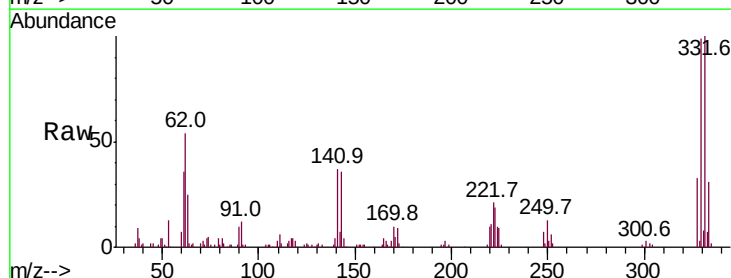


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

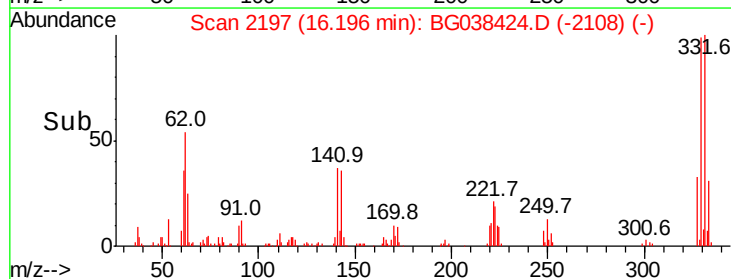
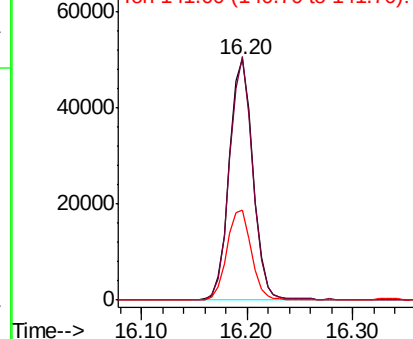


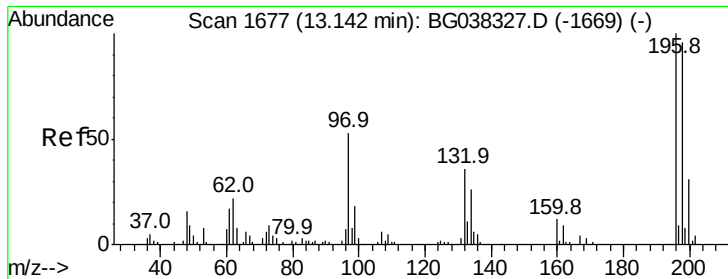
#42
2,4,6-Tribromophenol
Concen: 94.021 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	78.4	117.6
141	38.2	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





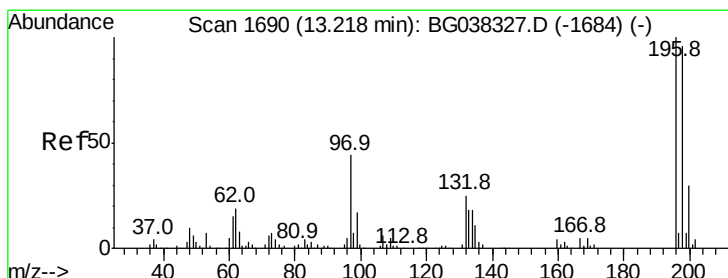
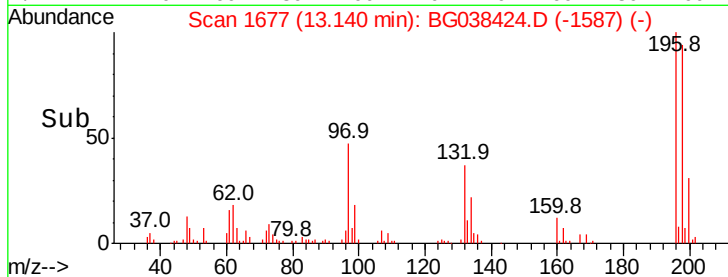
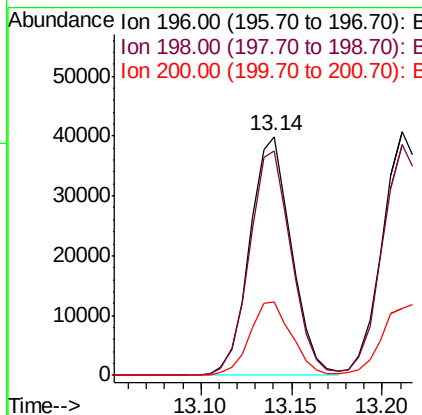
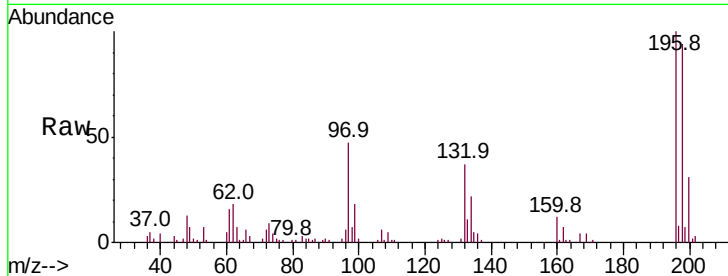
#43
 2,4,6-Trichlorophenol
 Concen: 42.088 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampled :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63482		
198	93.8	76.4	114.6	
200	30.9	24.9	37.3	

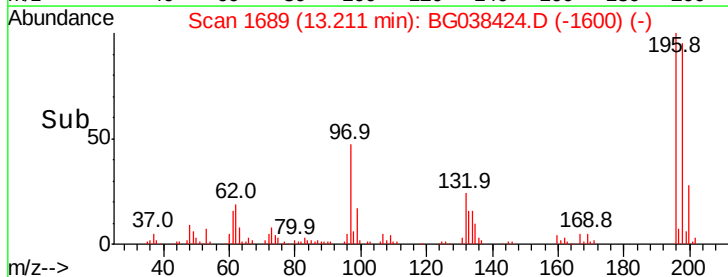
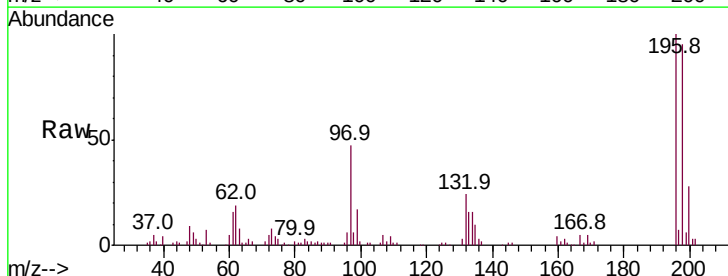
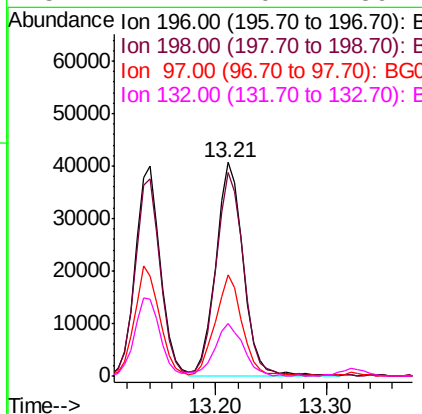
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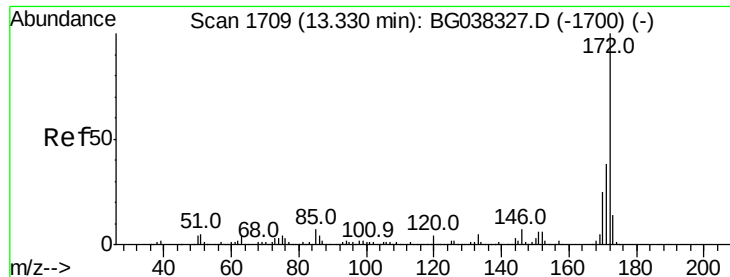
Sohil
 12/11/2018 10:30:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.105 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70473		
198	95.0	74.2	111.2	
97	47.2	34.1	51.1	
132	24.4	20.2	30.4	





#45

2-Fluorobiphenyl

Concen: 81.155 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

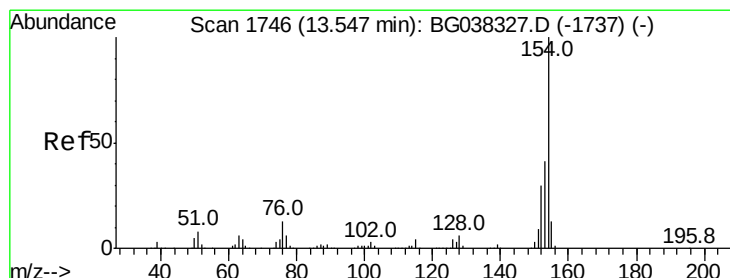
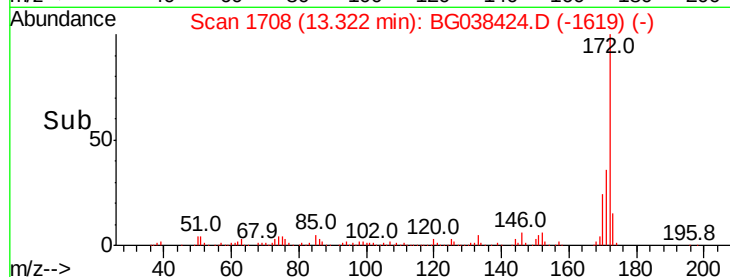
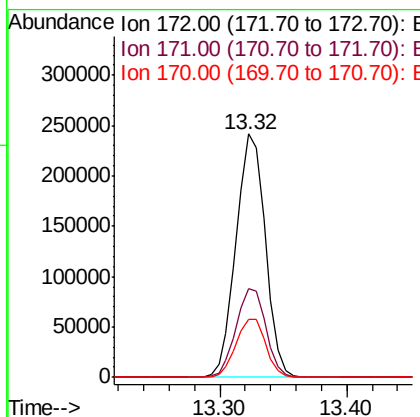
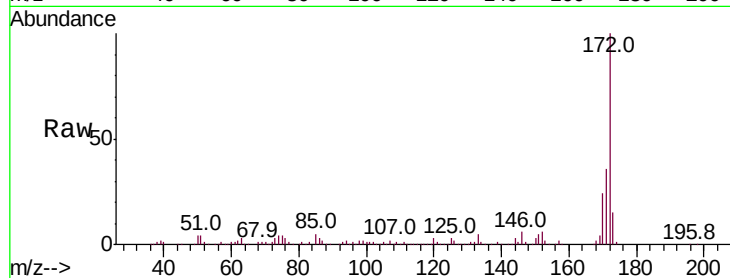
ClientSampleId :

PB115307BSD

Tot Ion:	172	Resp:	385388
Ion Ratio	Lower	Upper	
172	100		
171	36.5	31.0	46.4
170	23.9	20.2	30.2

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#46

1,1'-Biphenyl

Concen: 36.620 ng

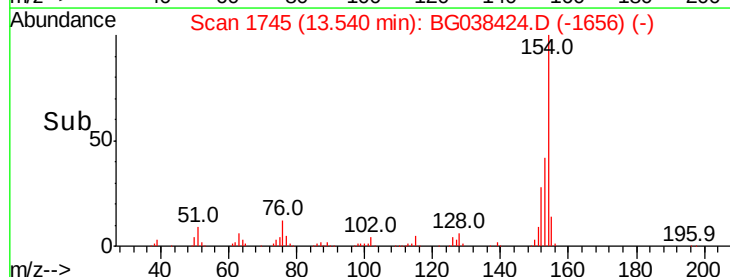
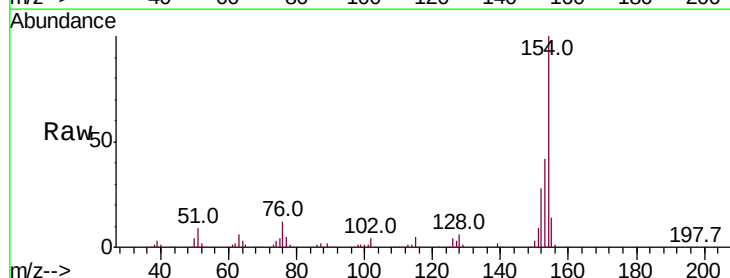
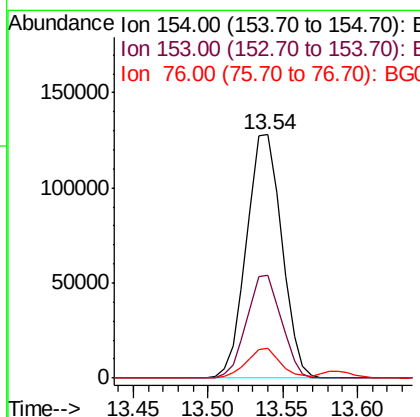
RT: 13.54 min Scan# 1745

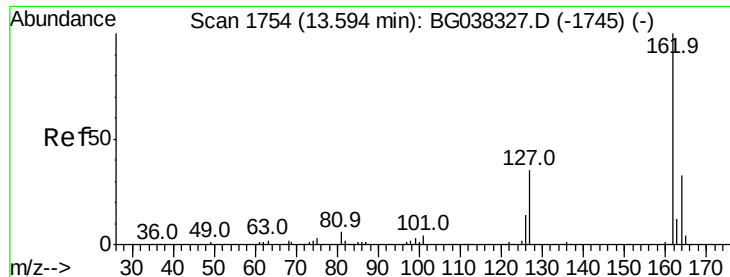
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	154	Resp:	209457
Ion Ratio	Lower	Upper	
154	100		
153	42.2	22.1	62.1
76	12.3	0.0	33.2





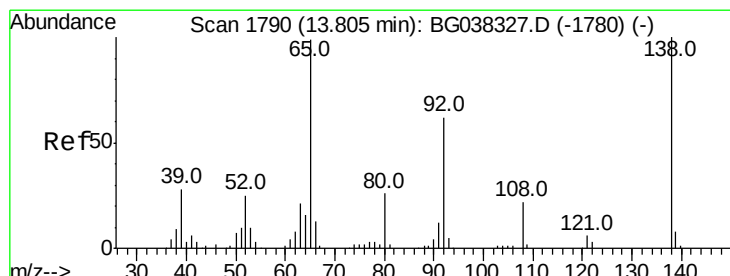
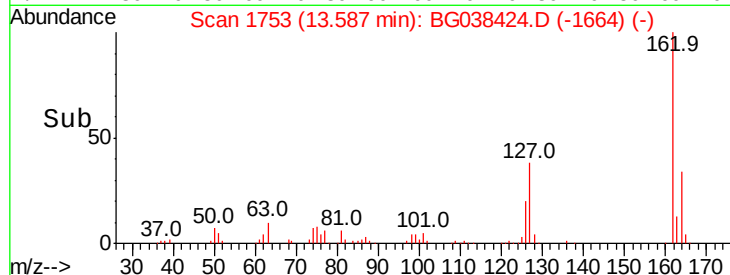
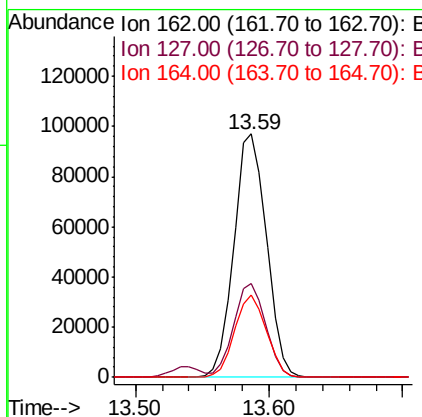
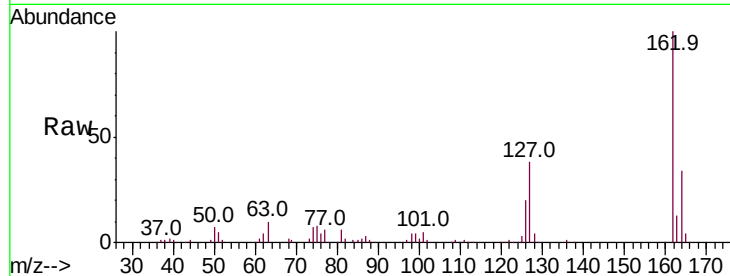
#47
 2-Chloronaphthalene
 Concen: 37.955 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.4	30.5	45.7
164	34.0	26.4	39.6

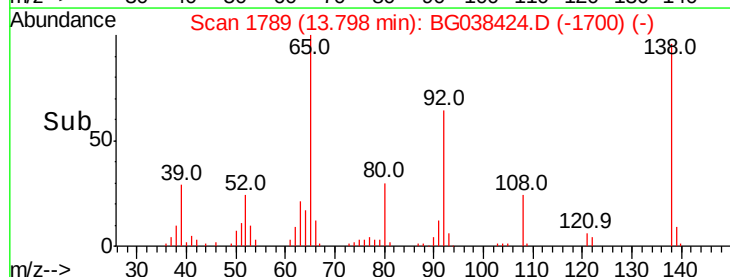
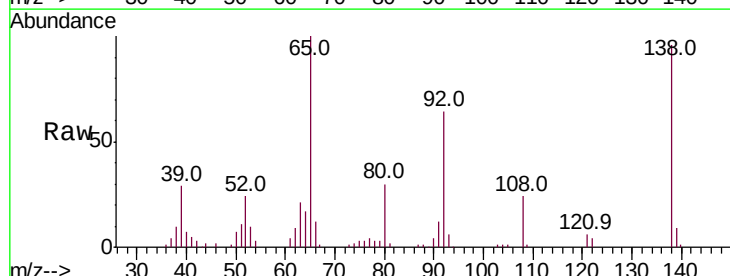
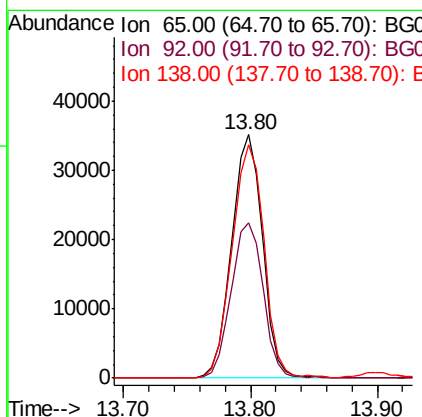
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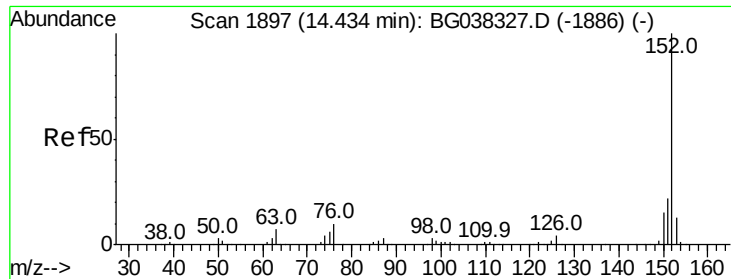
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#48
 2-Nitroaniline
 Concen: 40.849 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	63.9	53.2	79.8
138	95.9	79.3	118.9





#49

Acenaphthylene

Concen: 42.853 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

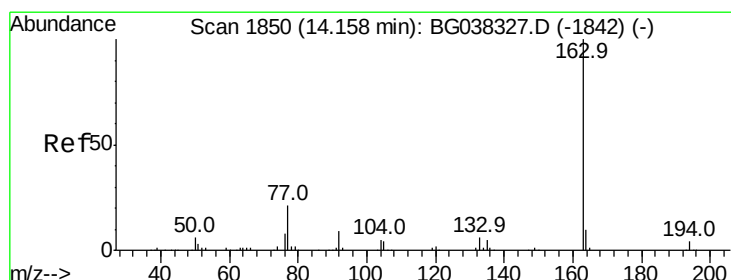
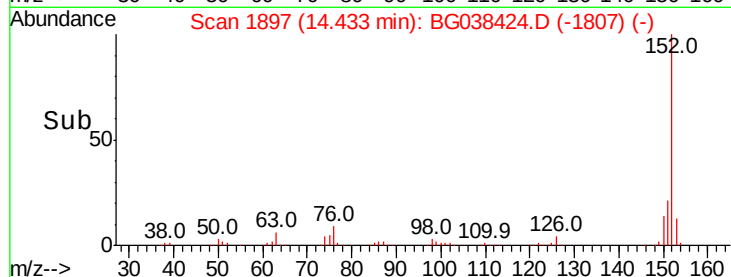
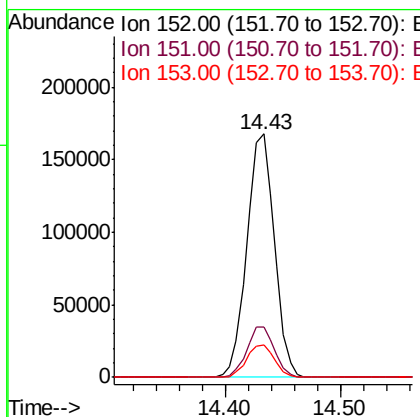
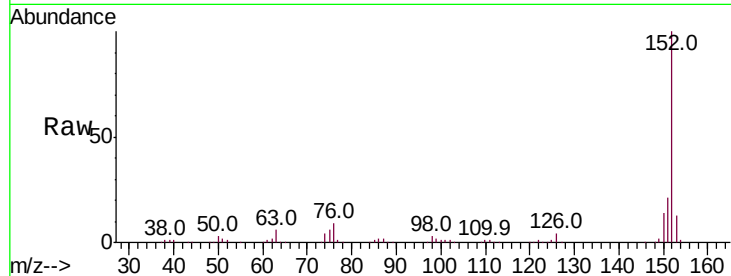
ClientSampleId :

PB115307BSD

Tot Ion:	152	Resp:	278559
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 41.736 ng

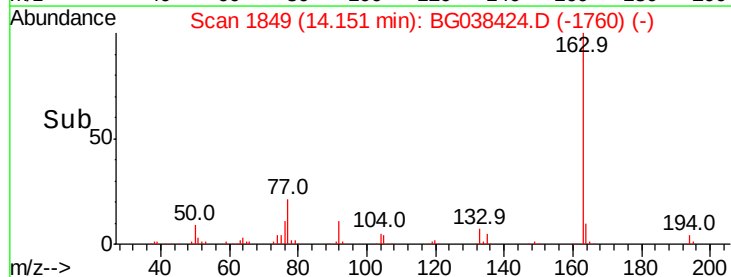
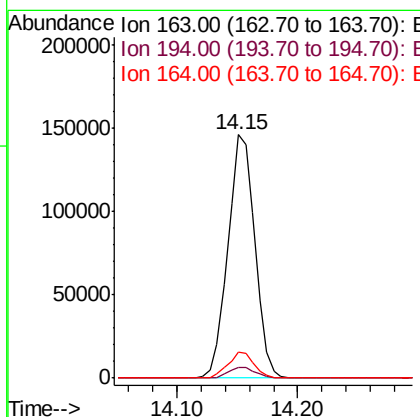
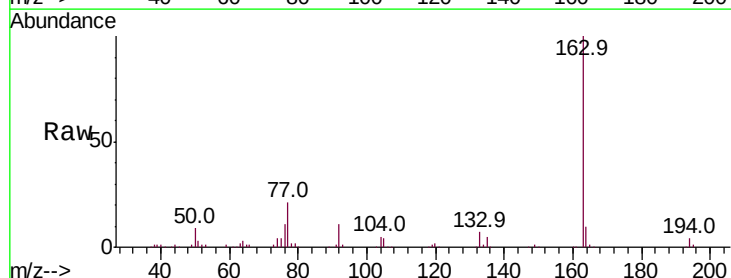
RT: 14.15 min Scan# 1849

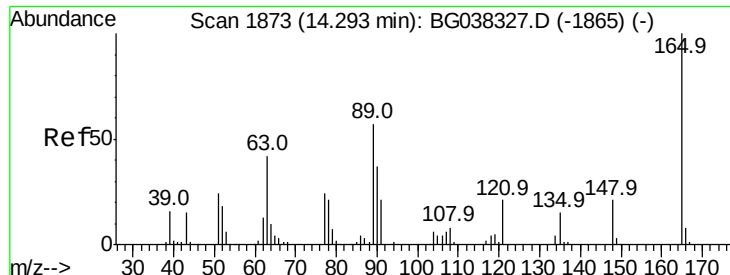
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	163	Resp:	226517
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.5	8.5	12.7





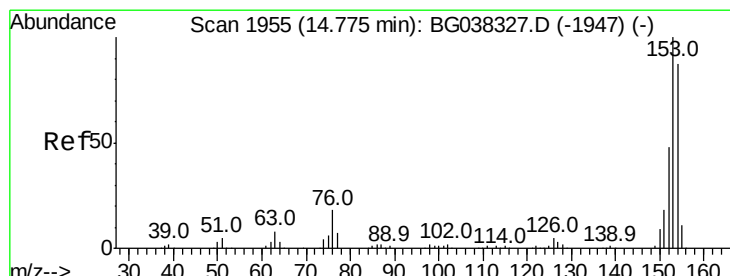
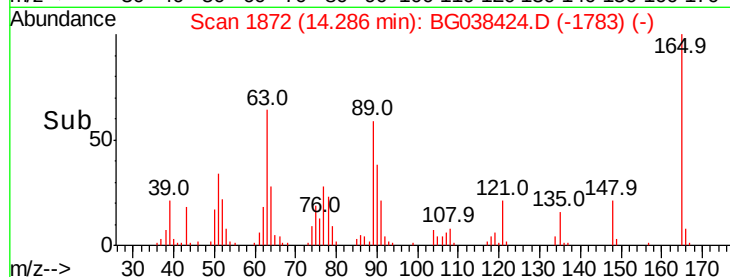
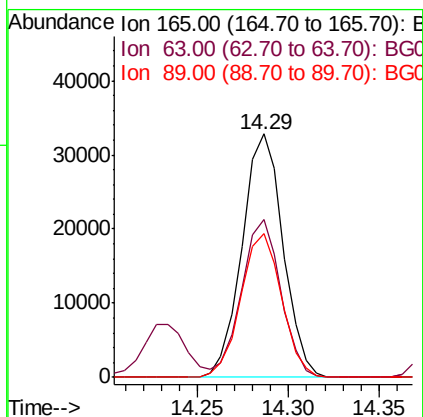
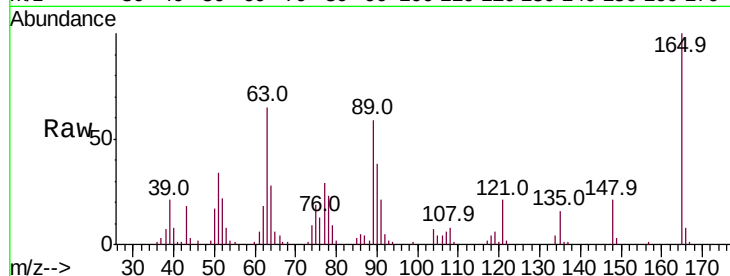
#51
 2,6-Dinitrotoluene
 Concen: 41.479 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.7	43.4	65.2
89	58.8	45.8	68.6

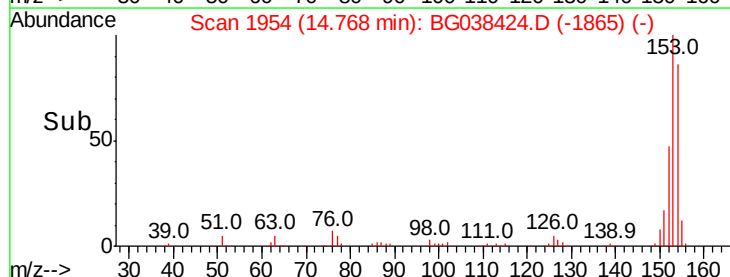
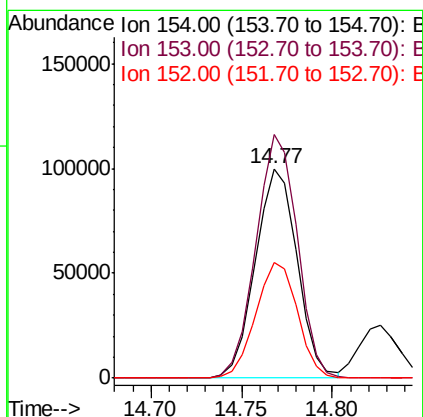
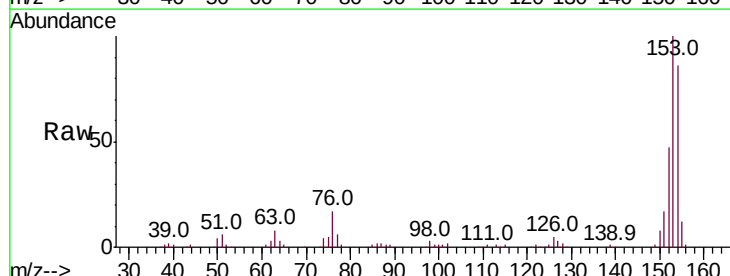
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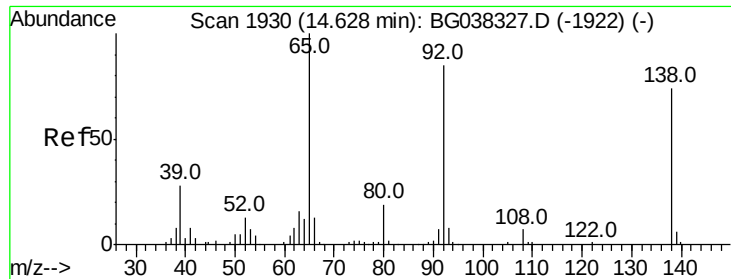
Sohil
 12/11/2018 10:30:38 AM



#52
 Acenaphthene
 Concen: 40.448 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	116.5	93.4	140.0
152	55.1	44.7	67.1





#53

3-Nitroaniline

Concen: 21.333 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

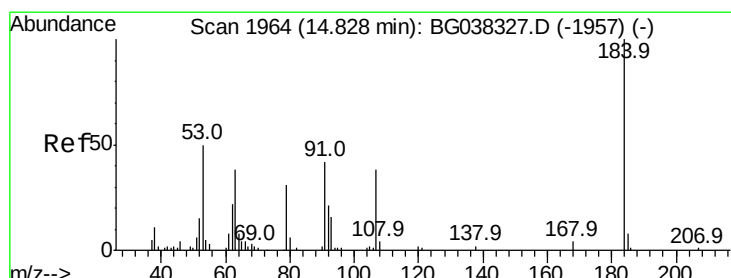
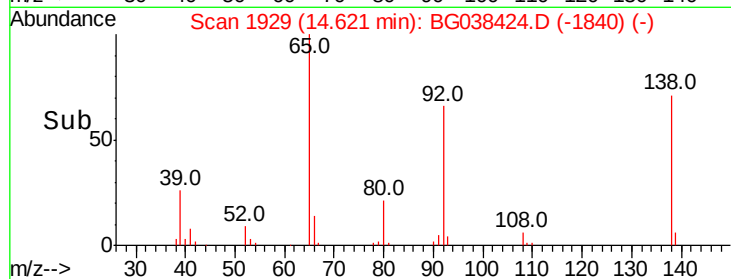
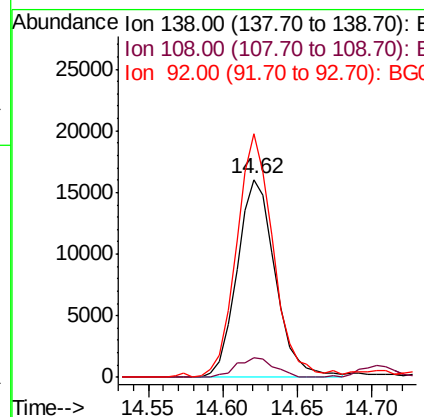
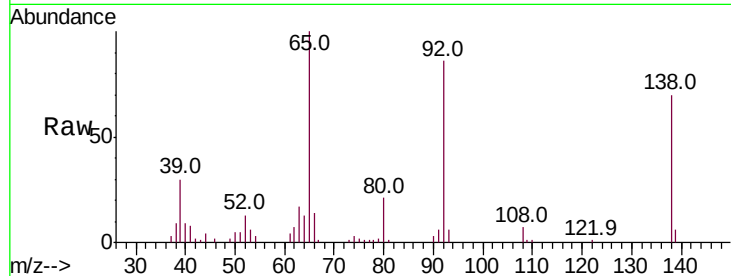
ClientSampleId :

PB115307BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	11.0	16.6#
92	122.9	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 95.985 ng

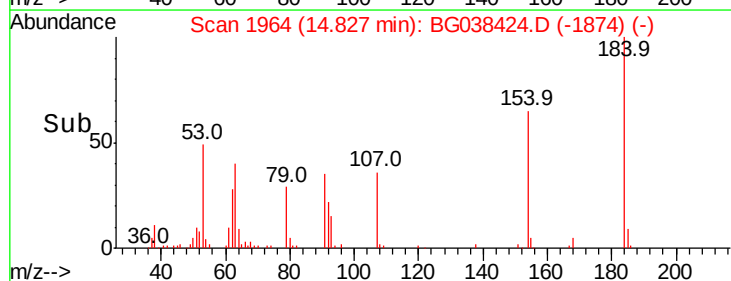
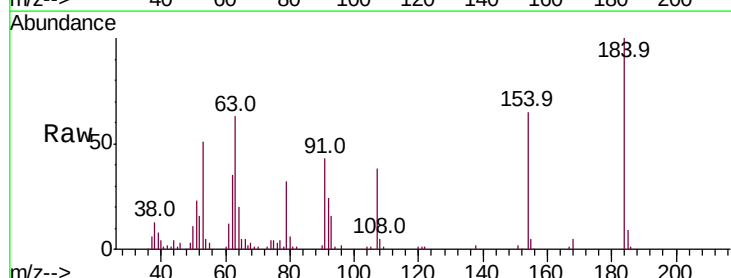
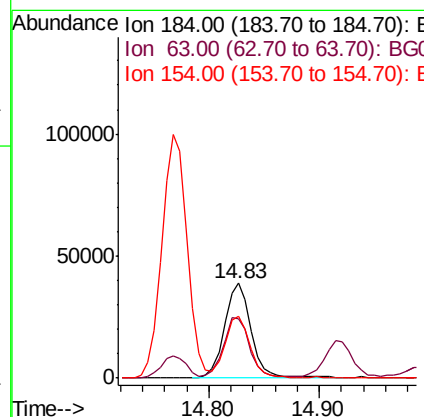
RT: 14.83 min Scan# 1964

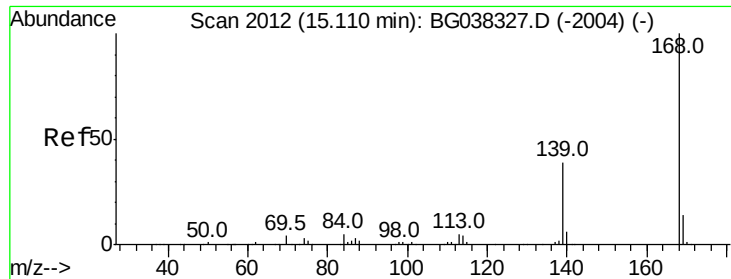
Delta R.T. -0.00 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	42.6	63.8
154	65.0	41.8	62.6#





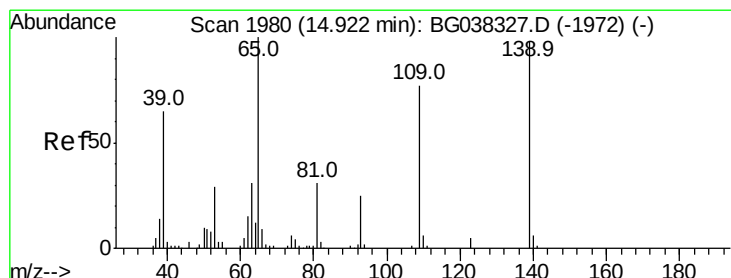
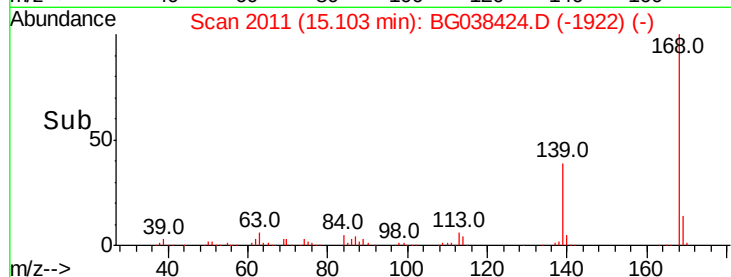
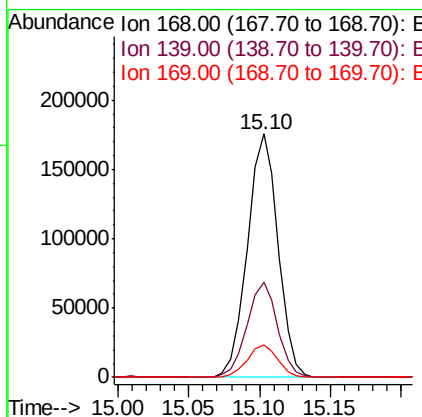
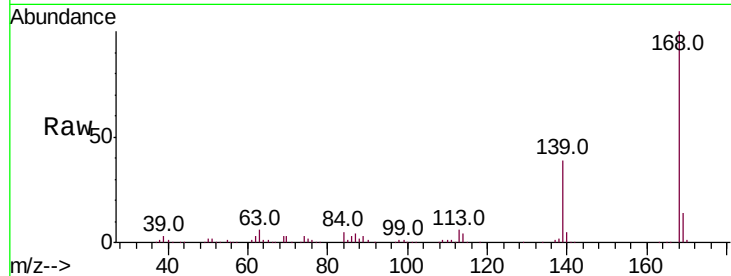
#55
Dibenzenofuran
Concen: 40.751 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	266974		
139	39.1		29.4	44.0
169	13.5		11.0	16.6

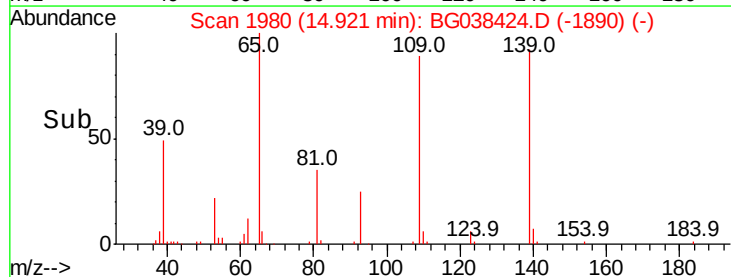
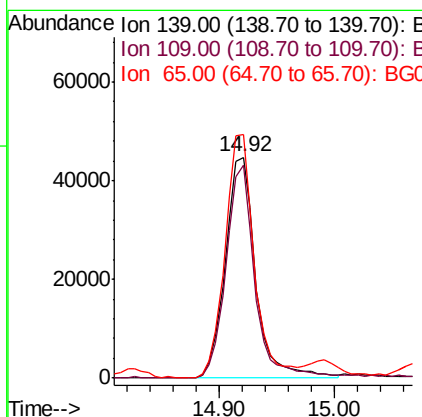
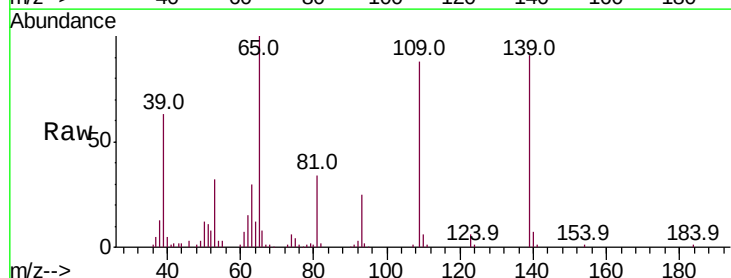
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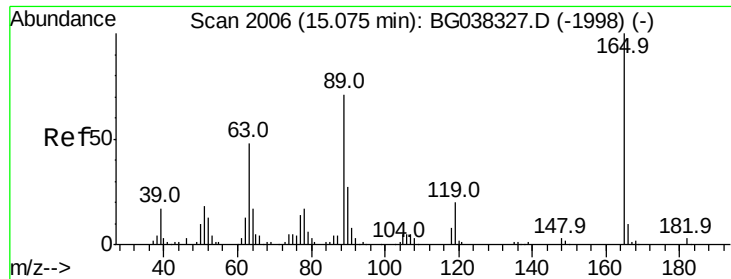
Sohil
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#56
4-Nitrophenol
Concen: 77.444 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	81684		
109	96.5		49.5	89.5#
65	110.2		76.8	116.8





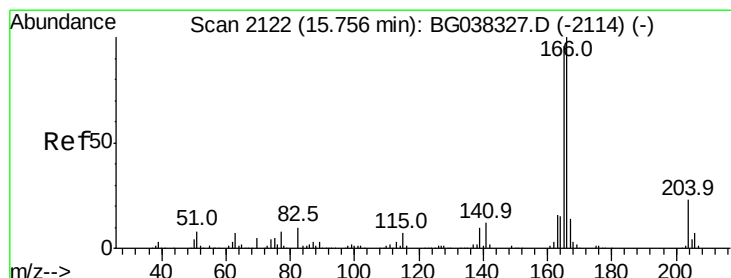
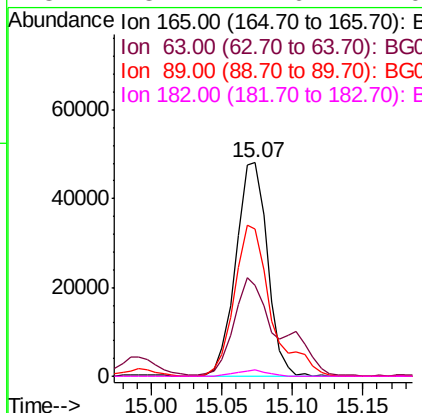
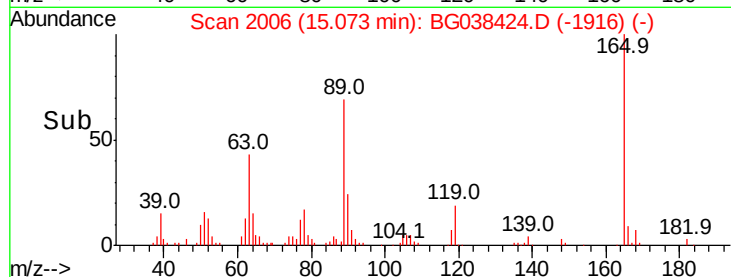
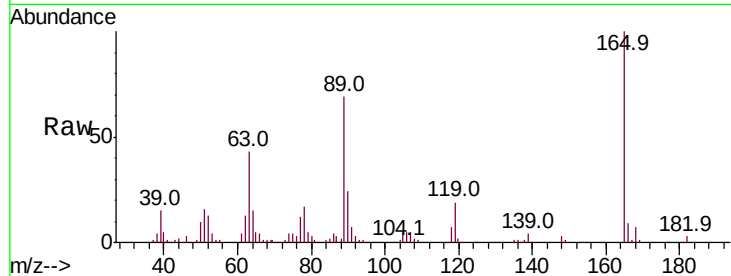
#57
2,4-Dinitrotoluene
Concen: 44.032 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.8	33.4	50.0	
89	68.6	57.2	85.8	
182	3.2	2.6	4.0	

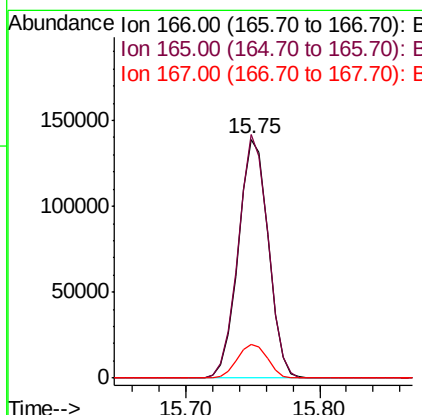
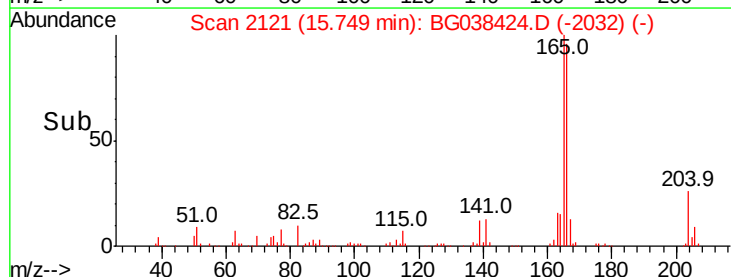
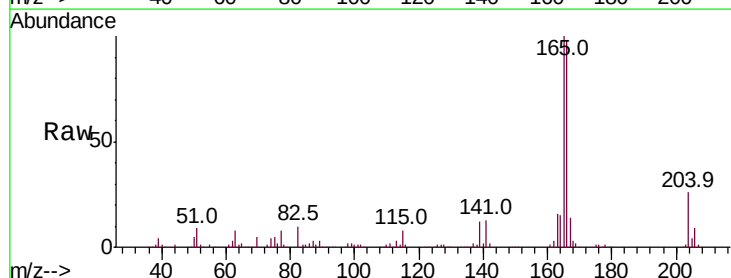
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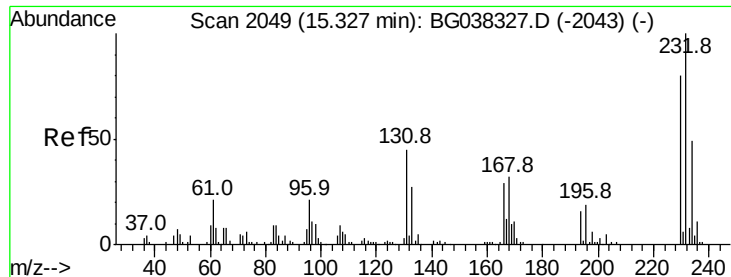
Sohil
12/11/2018 10:30:38 AM



#58
Fluorene
Concen: 44.555 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.0	79.0	118.6	
167	14.0	11.3	16.9	





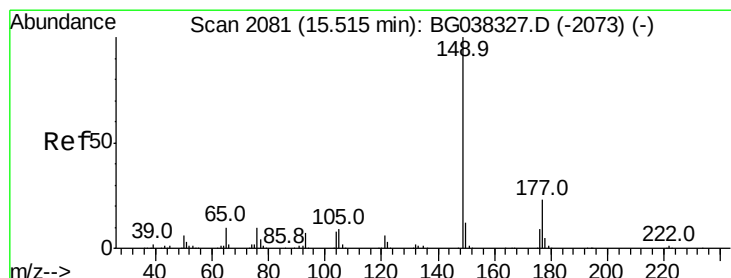
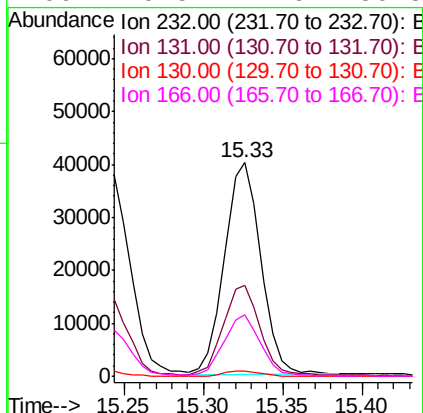
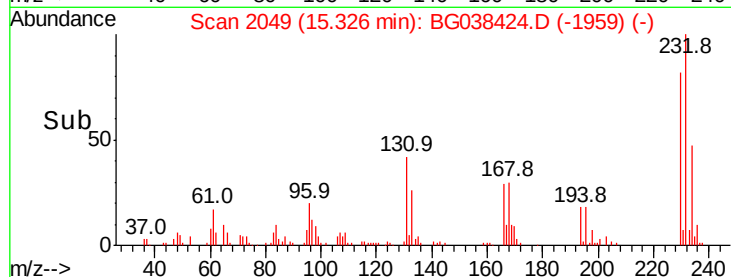
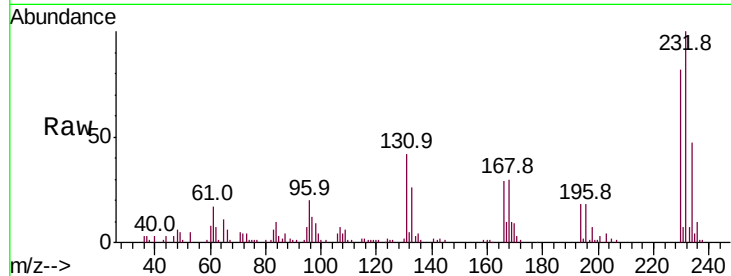
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.996 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	63832		
131	44.3		33.7	50.5
130	2.5		2.1	3.1
166	29.5		24.6	36.8

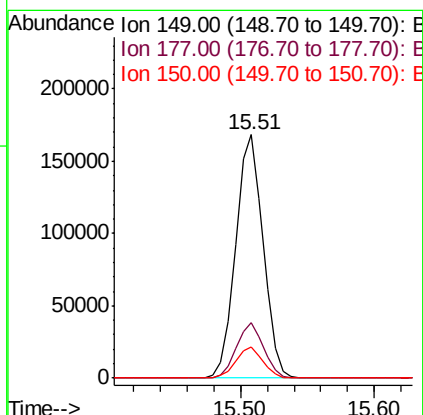
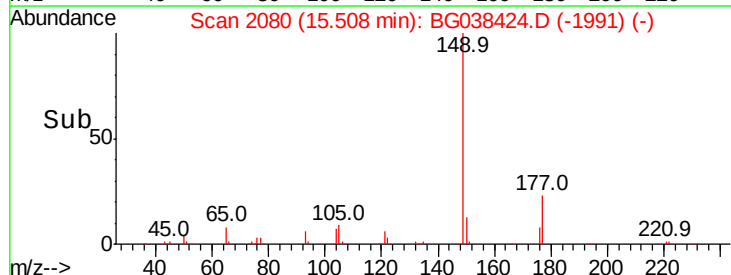
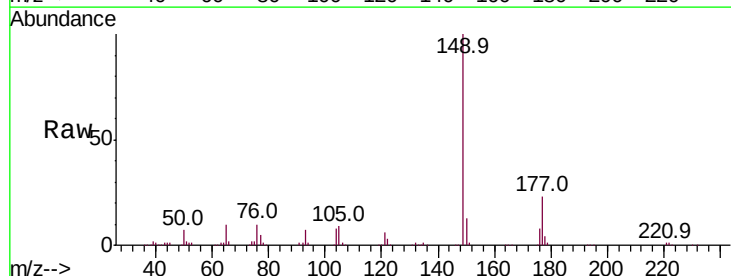
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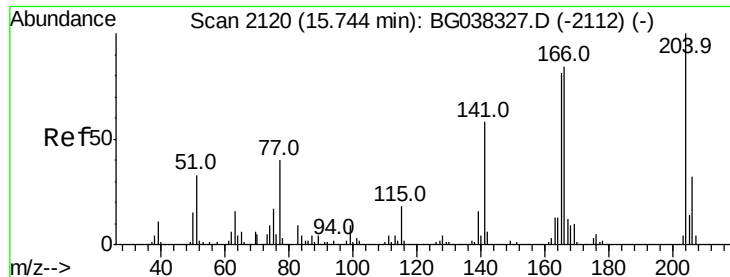
Sohil
12/11/2018 10:30:38 AM



#60
Diethylphthalate
Concen: 39.778 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	239179		
177	23.0		18.3	27.5
150	13.0		10.0	15.0





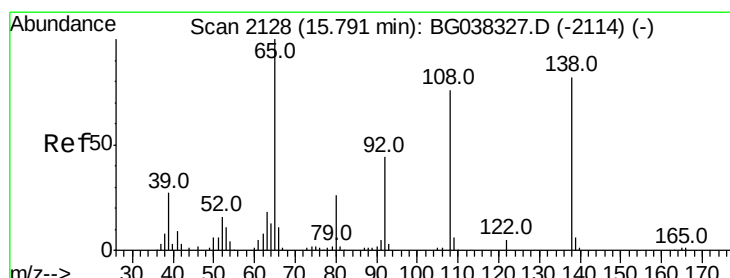
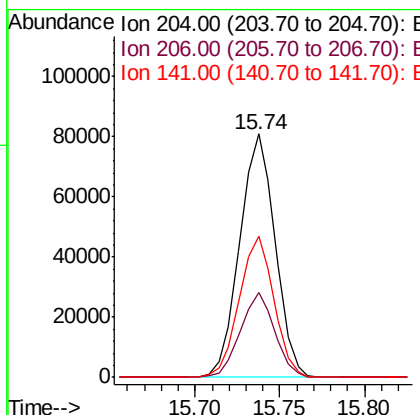
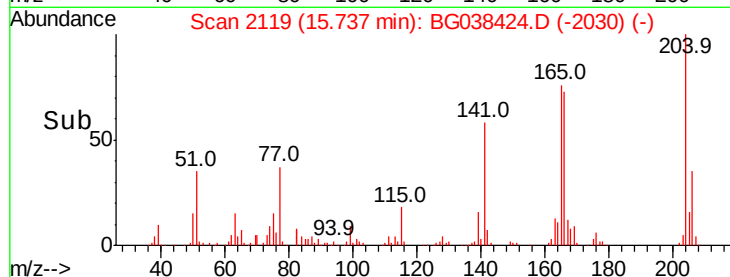
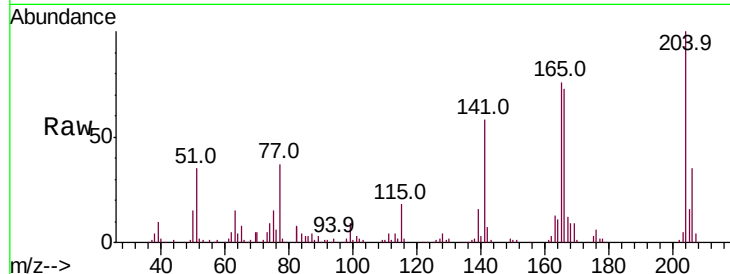
#61
 4-Chlorophenyl-phenylether
 Concen: 40.749 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleID :
 PB115307BSD

Tot Ion:	204	Resp:	118137
Ion Ratio		Lower	Upper
204	100		
206	34.7	26.6	39.8
141	58.0	45.4	68.2

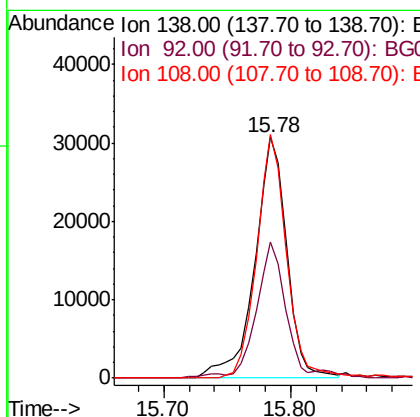
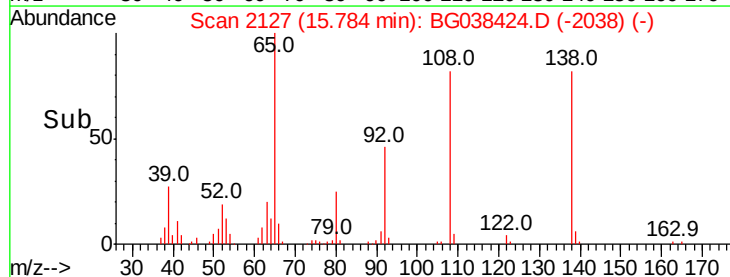
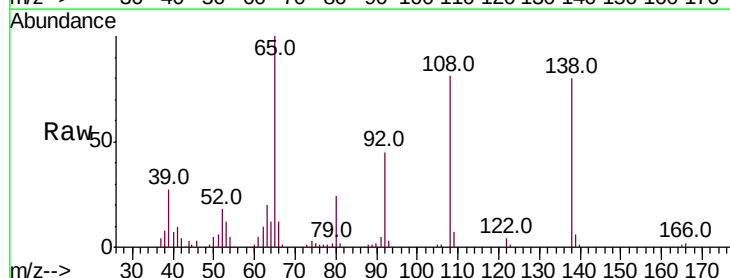
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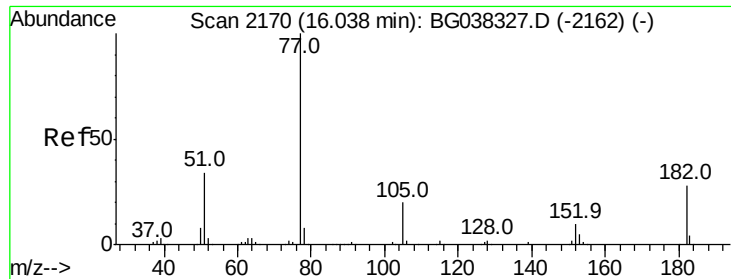
Sohil
 12/11/2018 10:30:38 AM



#62
 4-Nitroaniline
 Concen: 41.114 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion:	138	Resp:	53994
Ion Ratio		Lower	Upper
138	100		
92	56.6	36.4	76.4
108	101.1	60.1	100.1#





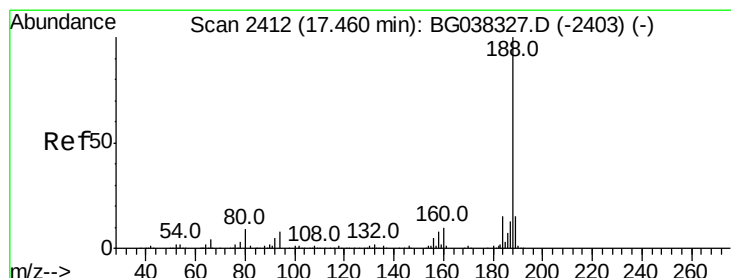
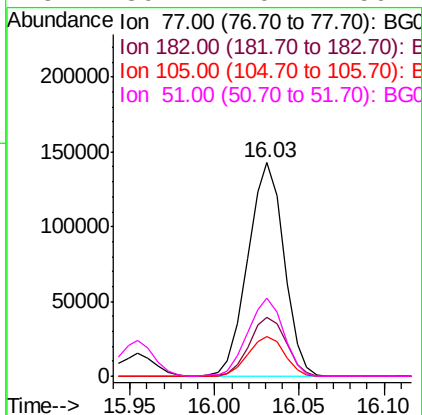
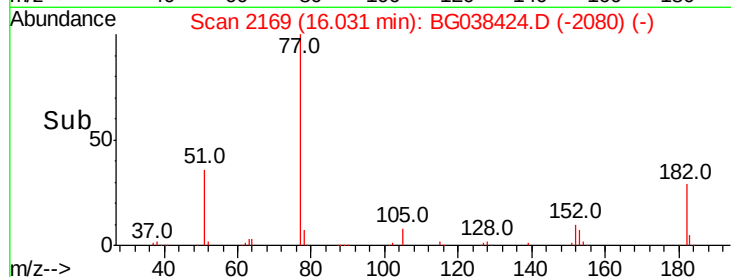
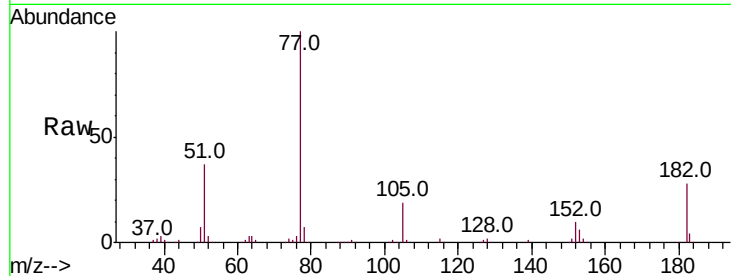
#63
Azobenzene
Concen: 40.281 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		211974		
182	27.6	8.0	48.0		
105	18.8	1.3	41.3		
51	36.7	10.7	50.7		

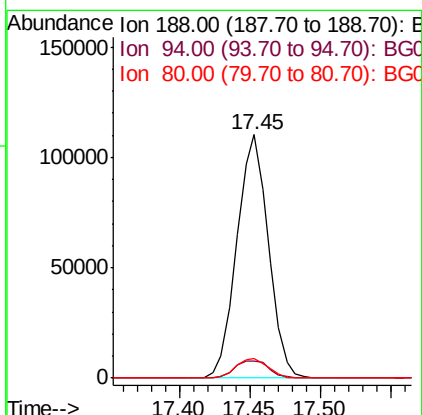
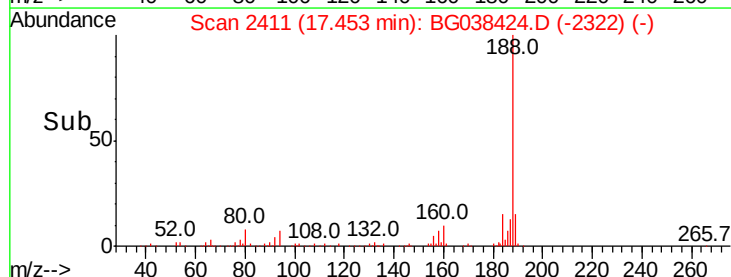
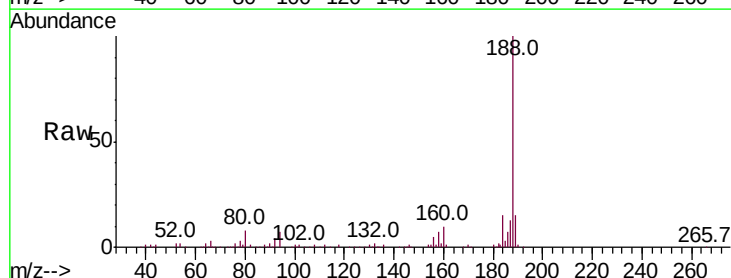
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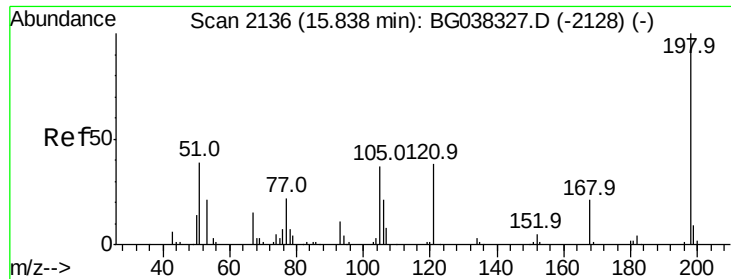
Sohil
12/11/2018 10:30:38 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		171410		
94	7.1	7.2	10.8#		
80	8.0	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.454 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

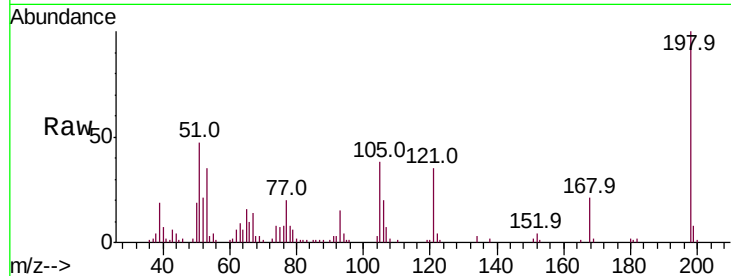
ClientSampleId :

PB115307BSD

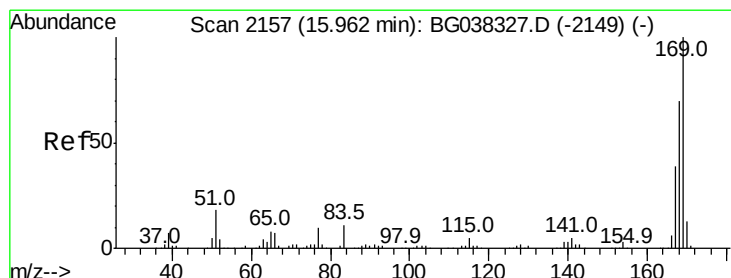
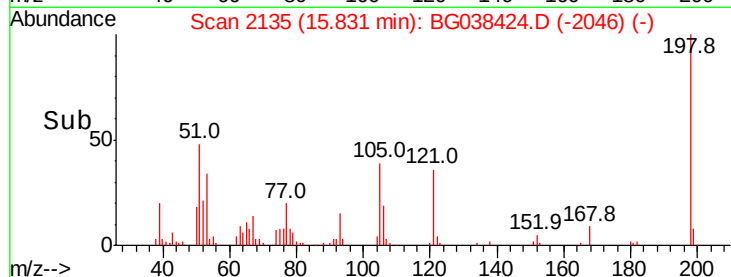
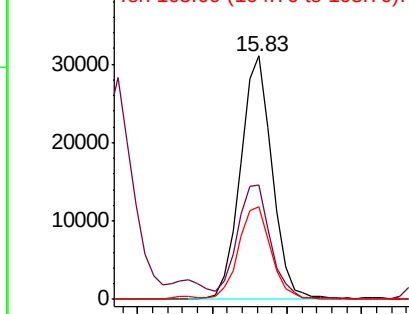
Tot Ion:	198	Resp:	45434
Ion Ratio	Lower	Upper	
198	100		
51	46.8	22.7	62.7
105	38.0	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 41.533 ng

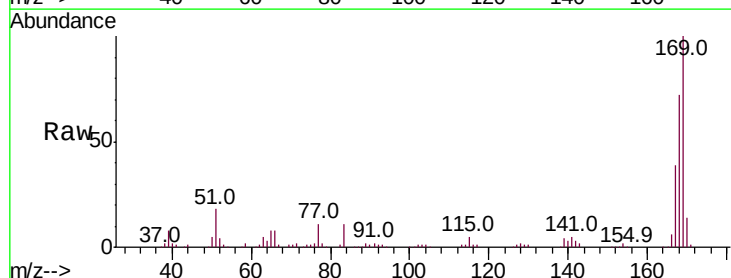
RT: 15.95 min Scan# 2156

Delta R.T. -0.01 min

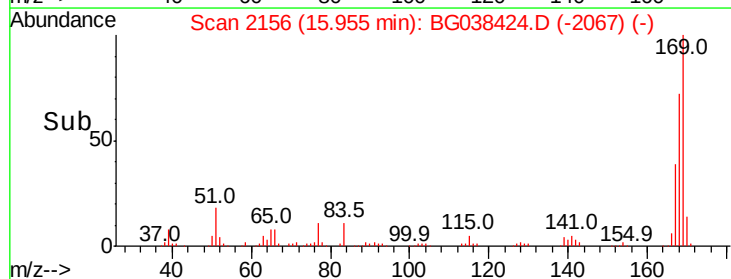
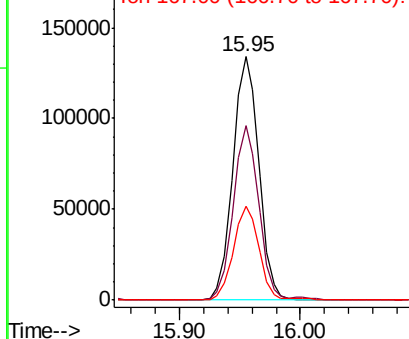
Lab File: BG038424.D

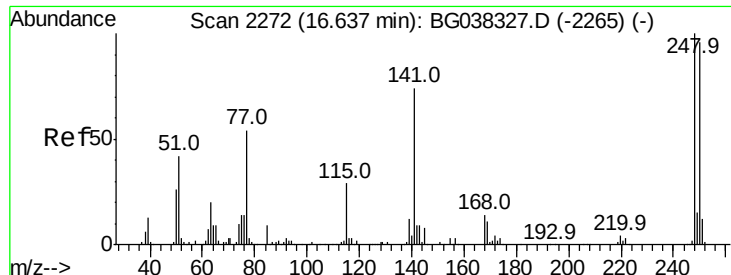
Acq: 8 Dec 2018 5:57

Tgt Ion:	169	Resp:	200196
Ion Ratio	Lower	Upper	
169	100		
168	71.7	55.7	83.5
167	38.5	31.3	46.9



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





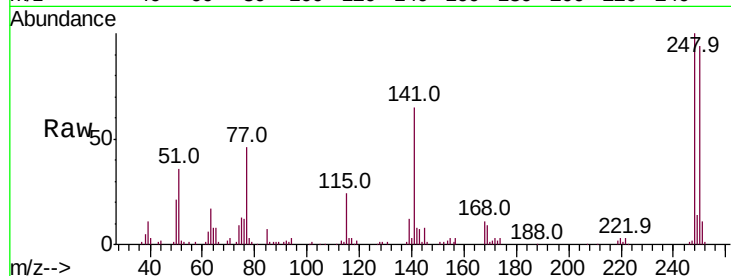
#67
 4-Bromophenyl-phenylether
 Concen: 42.286 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	94.0	77.0	115.6
141	64.9	55.5	83.3

Manual Integrations
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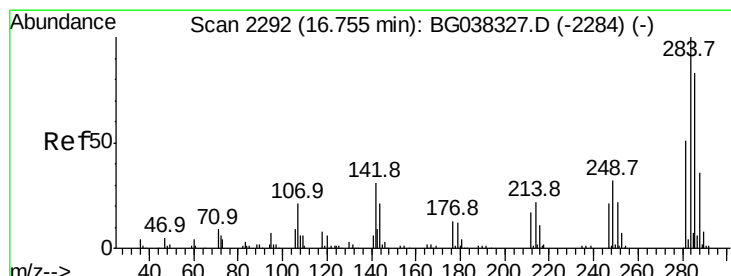
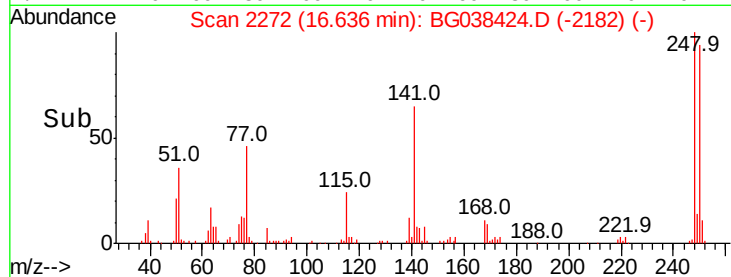
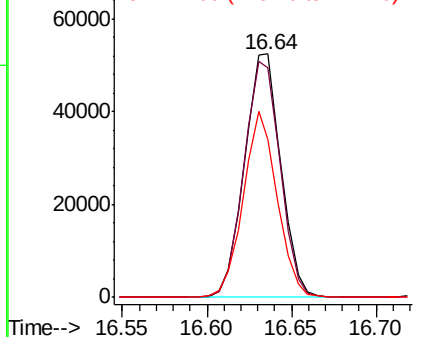


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.006 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

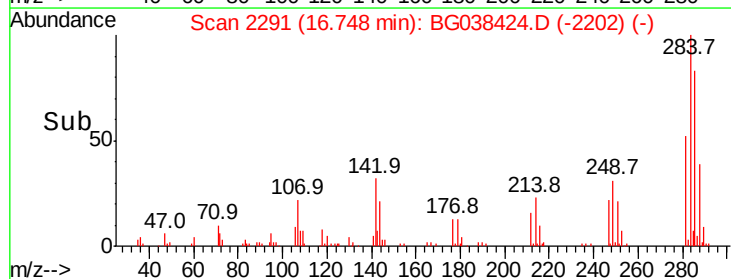
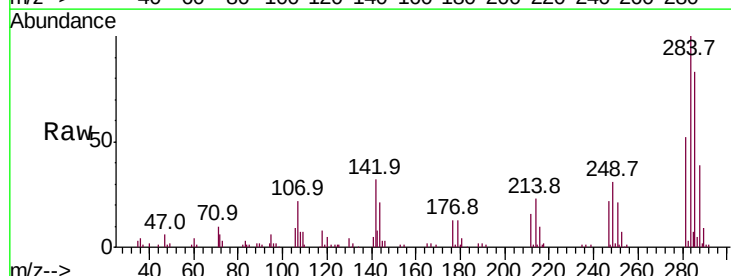
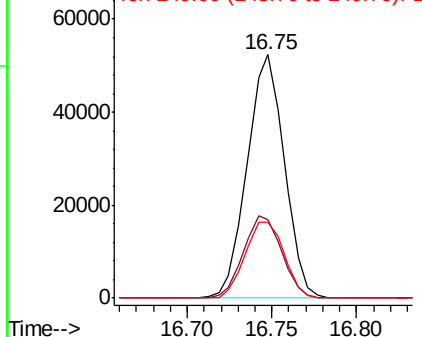
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.2	28.1	42.1
249	33.6	29.8	44.8

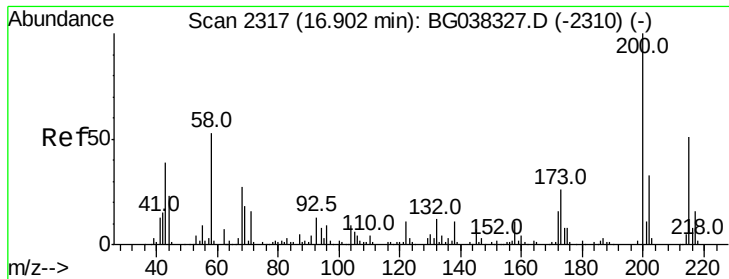
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





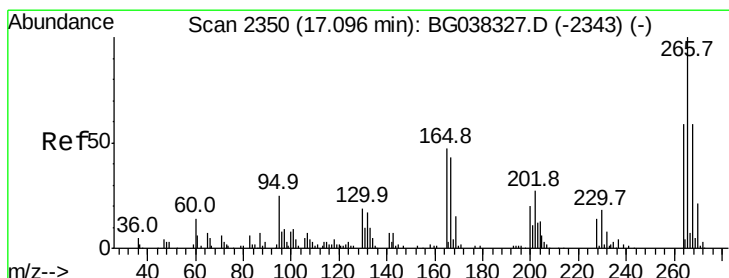
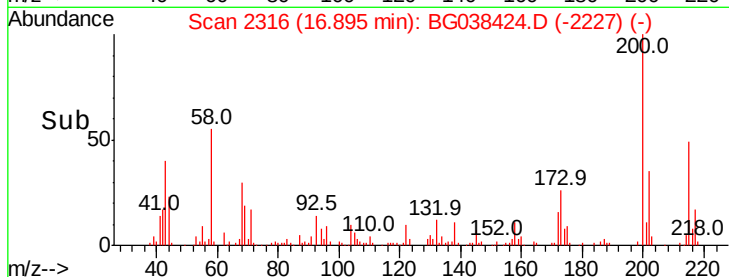
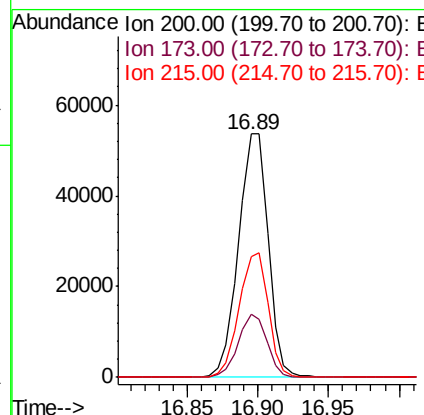
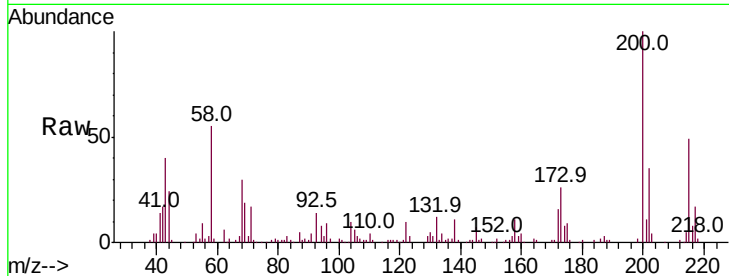
#69
 Atrazine
 Concen: 43.921 ng
 RT: 16.89 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.1	46.1
215	49.5	30.8	70.8

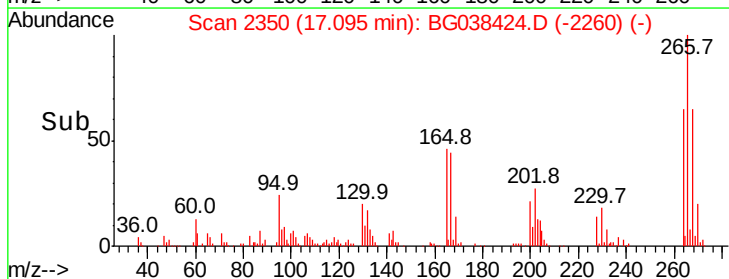
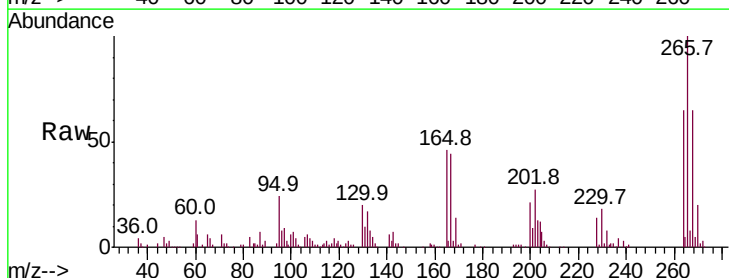
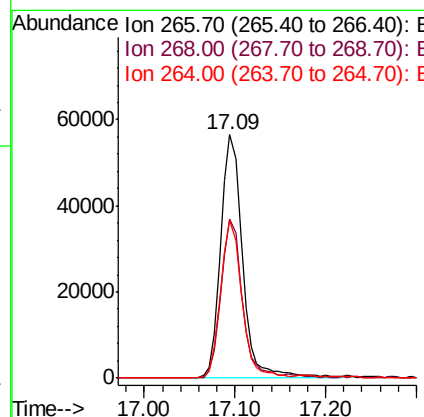
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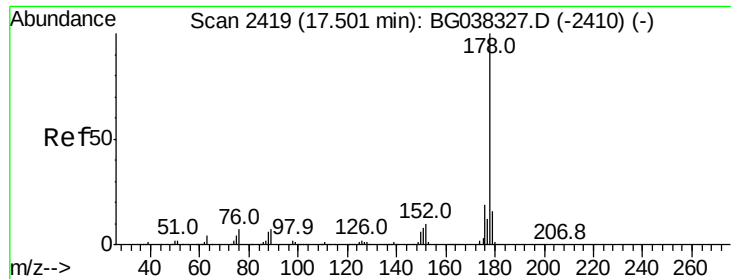
Sohil
 12/11/2018 10:30:38 AM



#70
 Pentachlorophenol
 Concen: 72.487 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	70.0	55.0	82.6
264	69.4	58.9	88.3





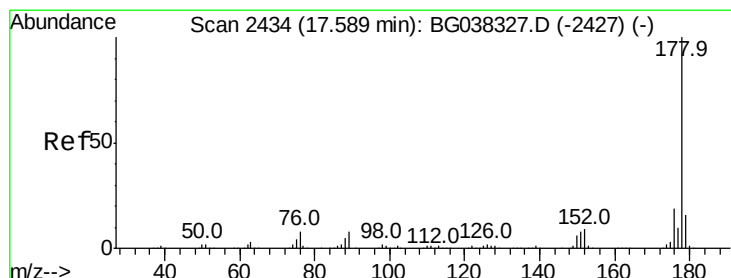
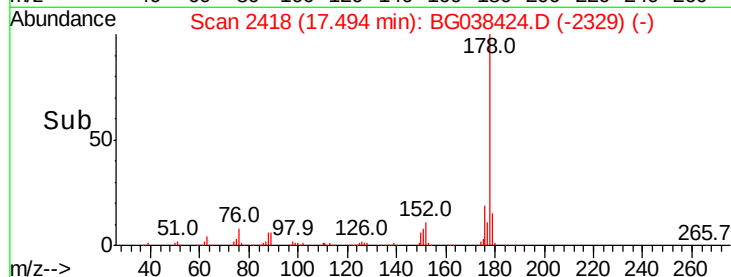
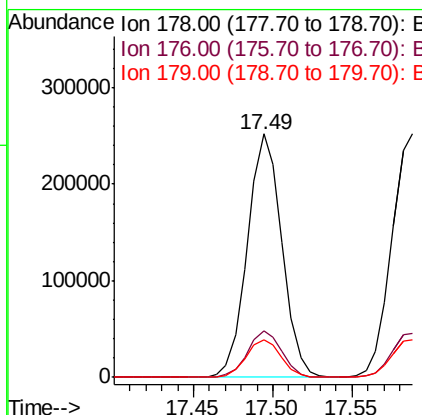
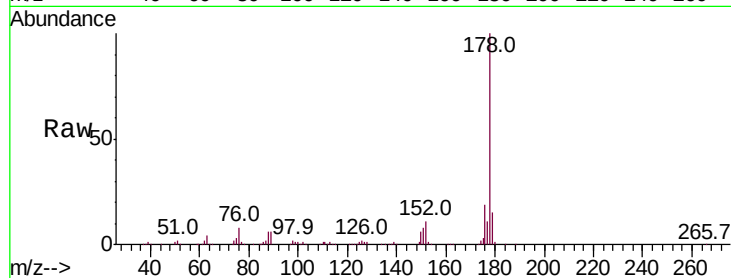
#71
Phenanthrene
Concen: 44.177 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	15.5	13.0	19.4

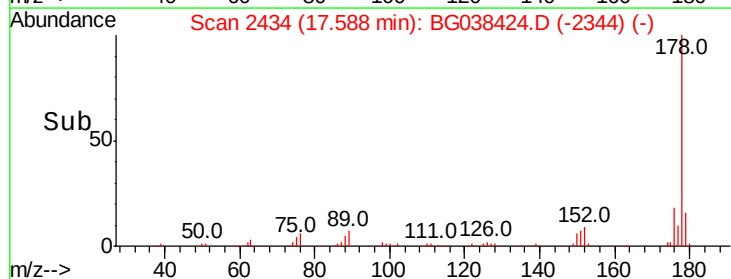
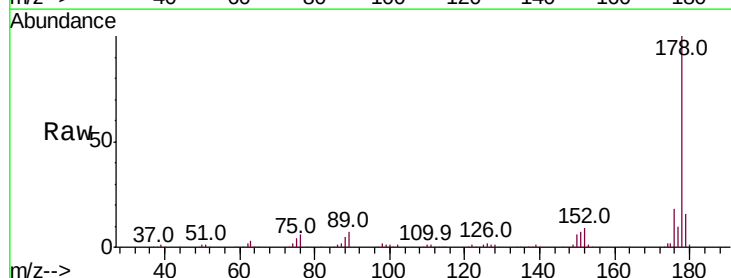
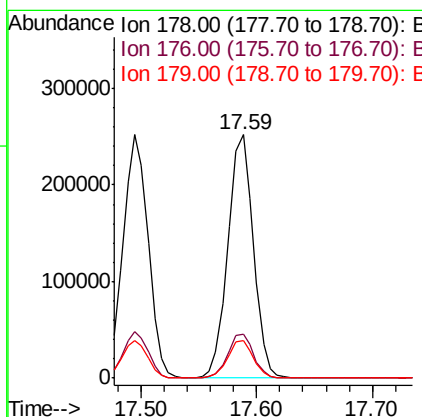
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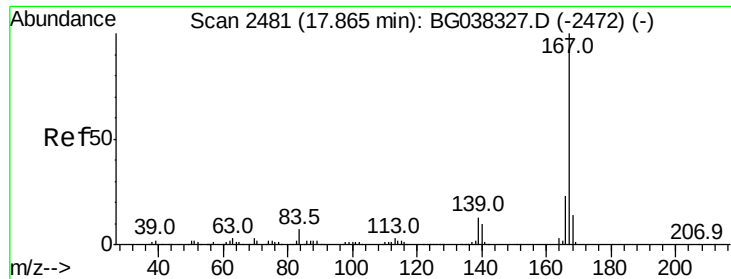
Sohil
12/11/2018 10:30:38 AM



#72
Anthracene
Concen: 46.353 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.6	12.8	19.2





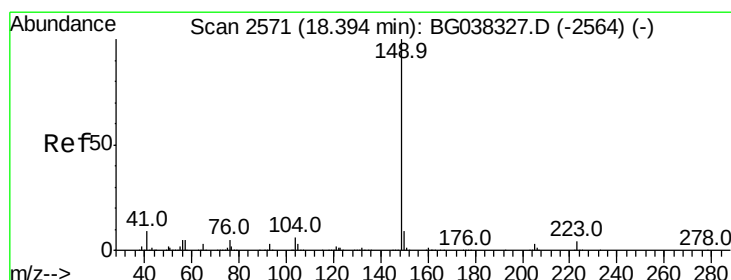
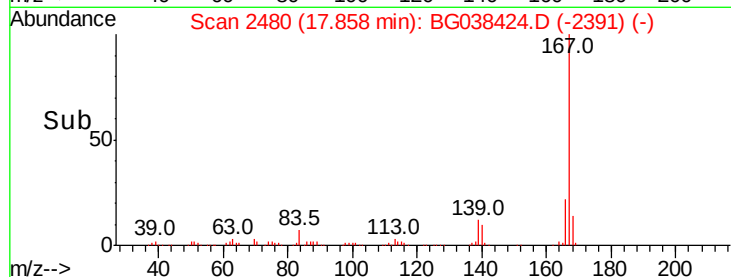
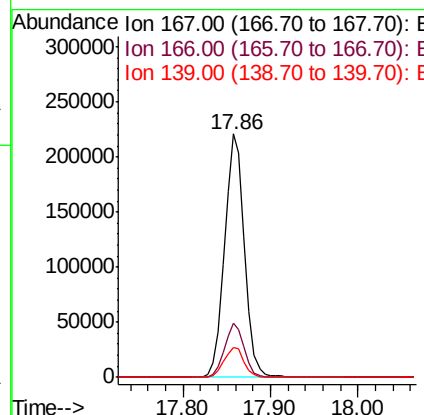
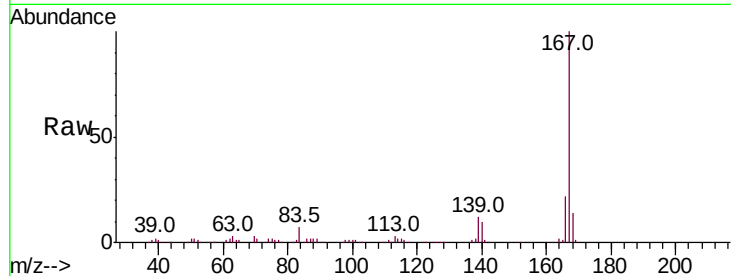
#73
 Carbazole
 Concen: 41.839 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	345194		
166	22.0	18.3	27.5	
139	12.5	10.5	15.7	

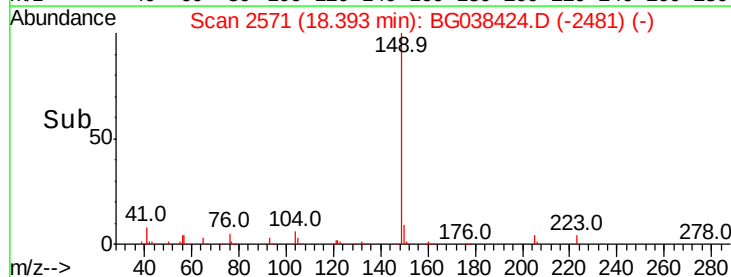
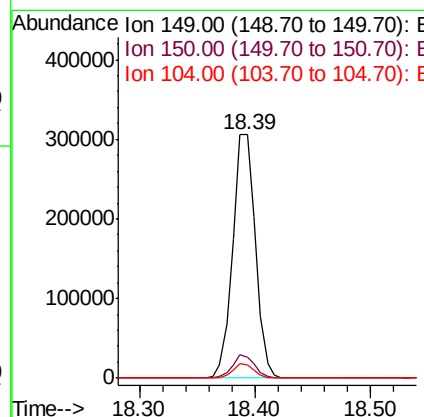
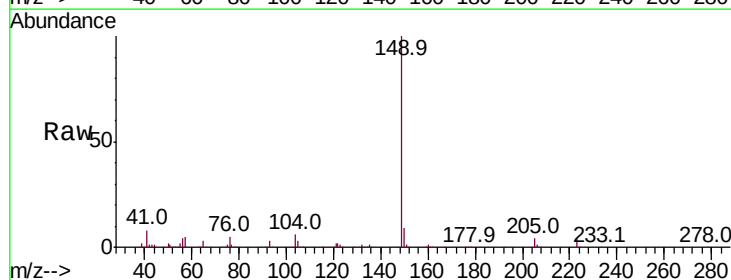
Manual Integrations
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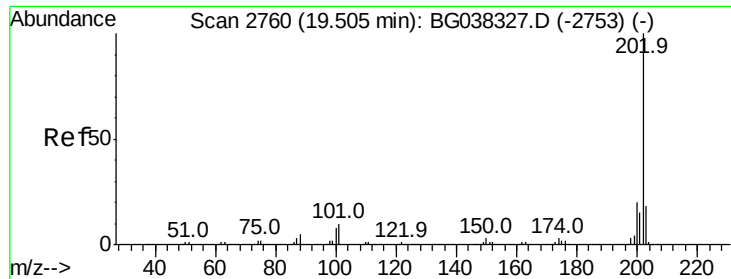
Sohil
 12/11/2018 10:30:38 AM



#74
 Di-n-butylphthalate
 Concen: 43.171 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	416108		
150	8.8	8.2	12.2	
104	5.7	4.0	6.0	





#75

Fluoranthene

Concen: 46.539 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

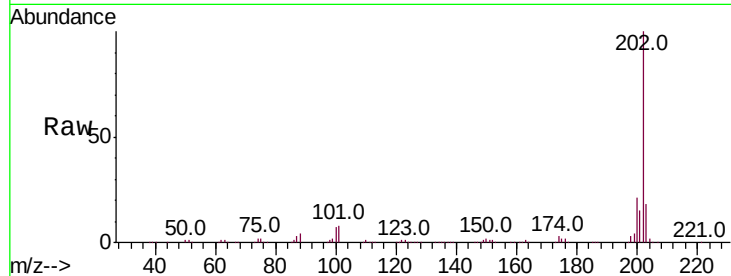
ClientSampleId :

PB115307BSD

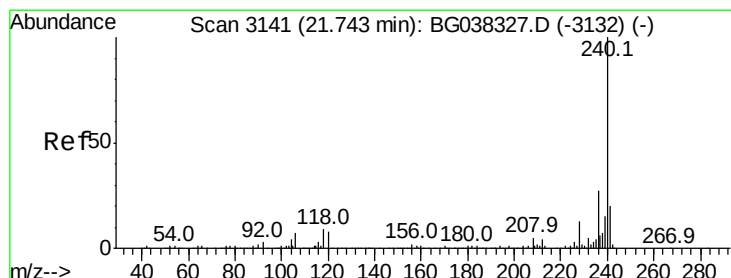
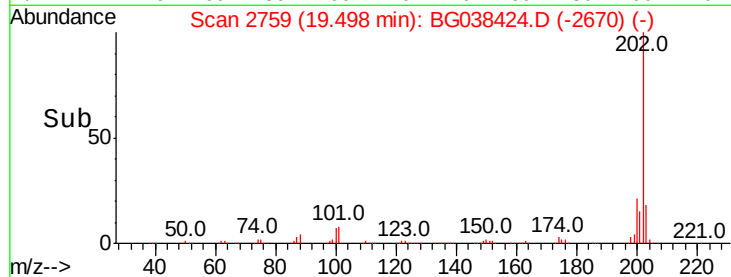
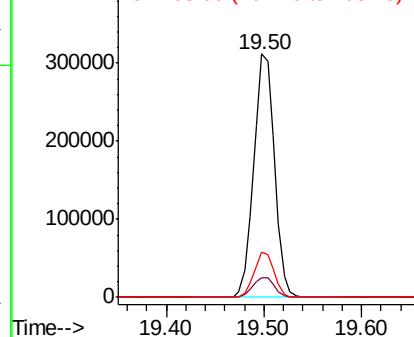
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	30.7
203	18.4	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

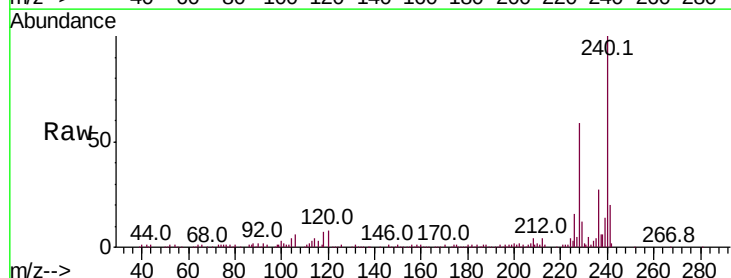
RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

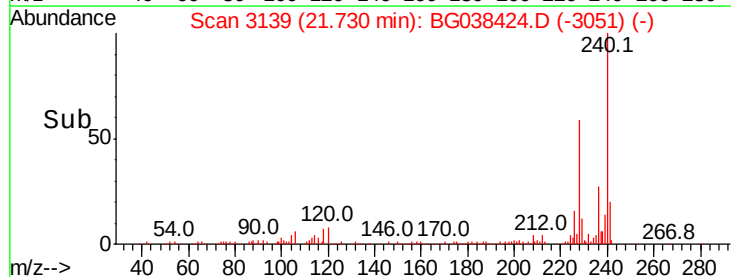
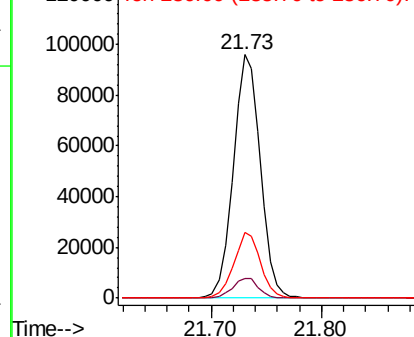
Lab File: BG038424.D

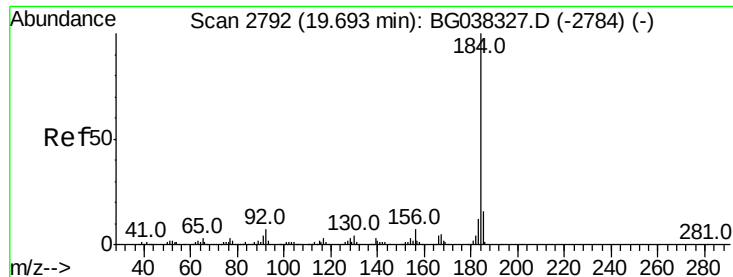
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	8.1	12.1#
236	27.2	21.4	32.0



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





#77

Benzidine

Concen: 33.471 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

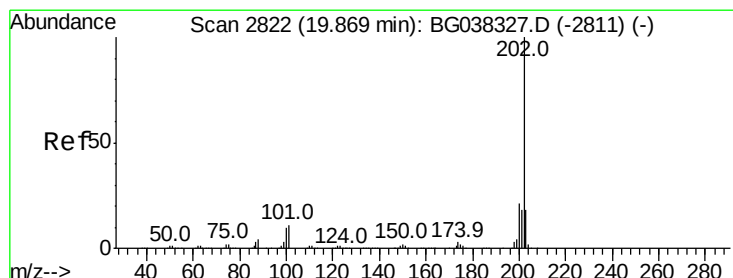
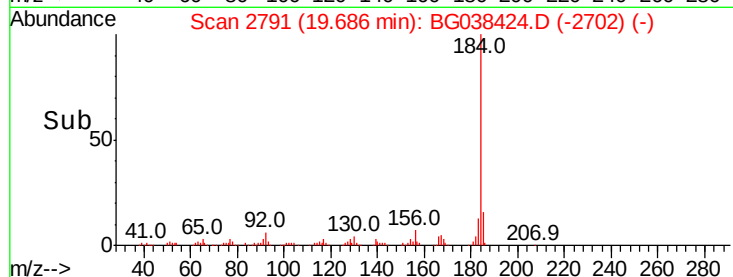
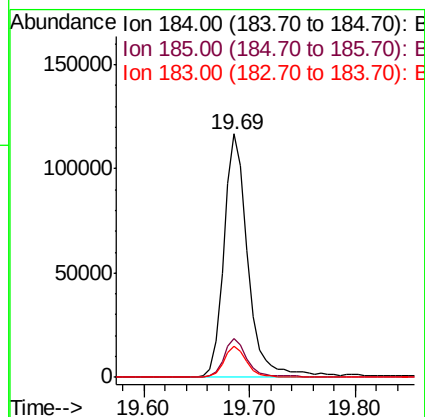
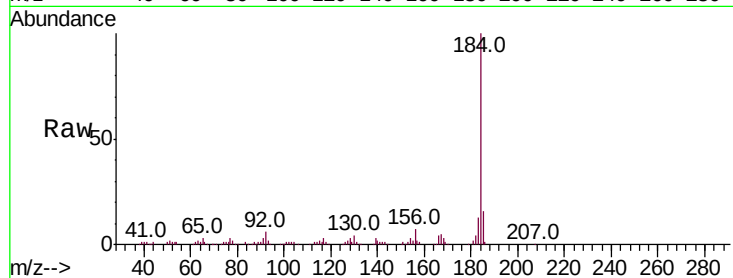
ClientSampleId :

PB115307BSD

Tot Ion:	184	Resp:	185046
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	12.6	10.2	15.2

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#78

Pyrene

Concen: 40.163 ng

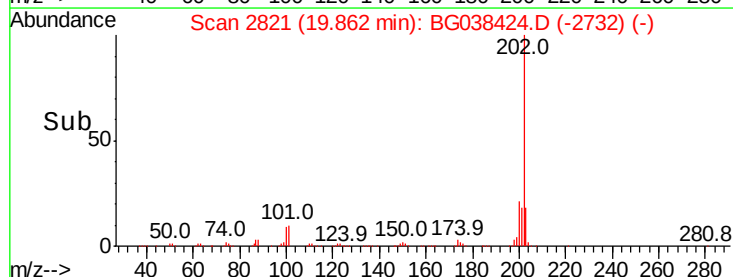
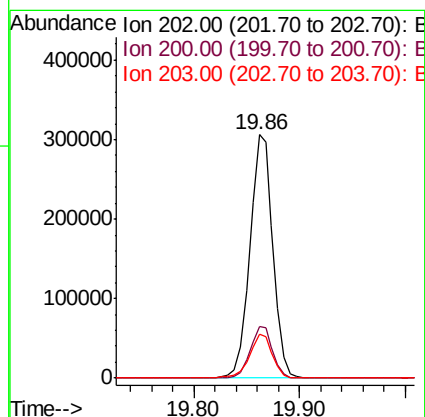
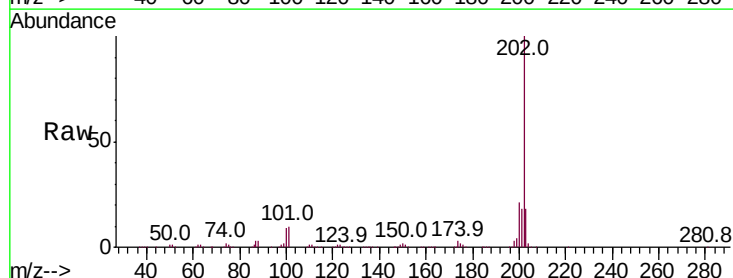
RT: 19.86 min Scan# 2821

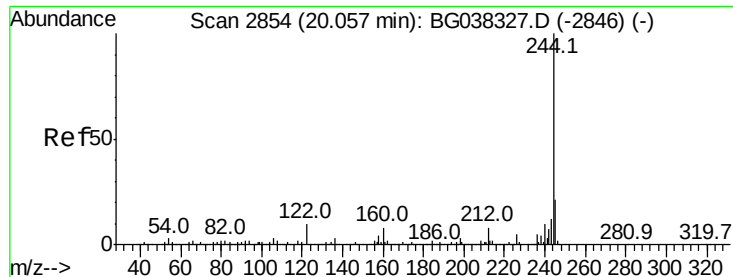
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	202	Resp:	460399
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	18.0	15.2	22.8





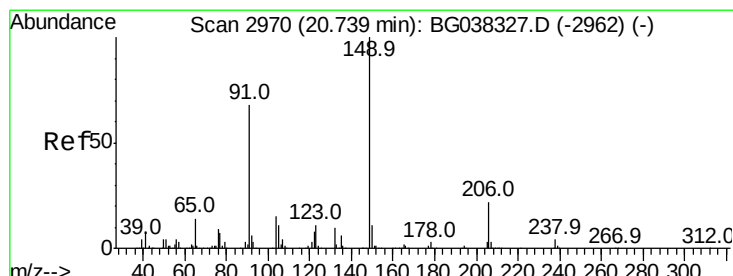
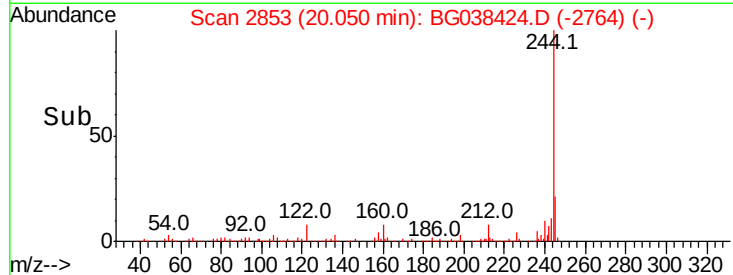
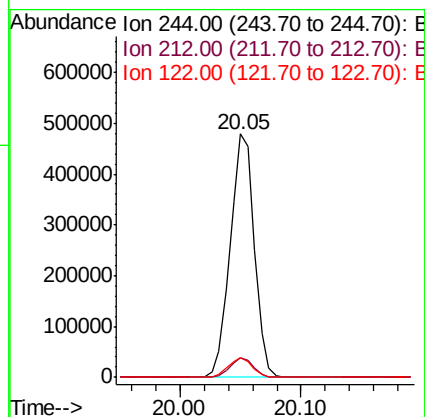
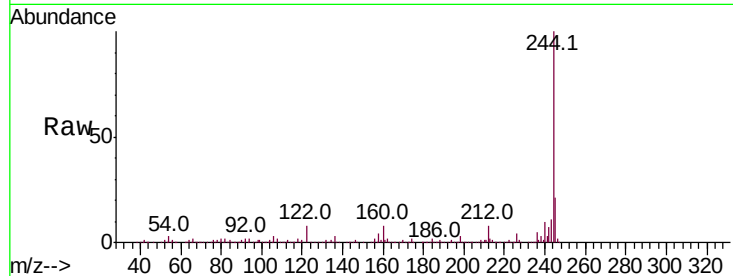
#79
 Terphenyl-d14
 Concen: 86.517 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.2	9.0	13.4

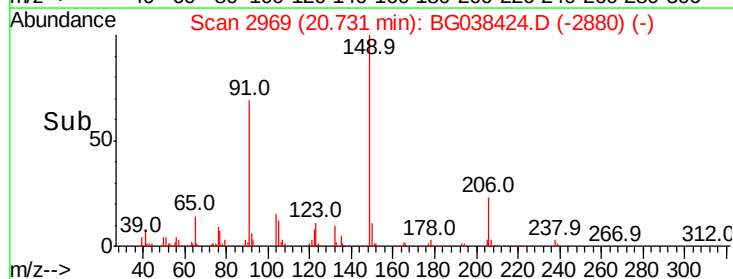
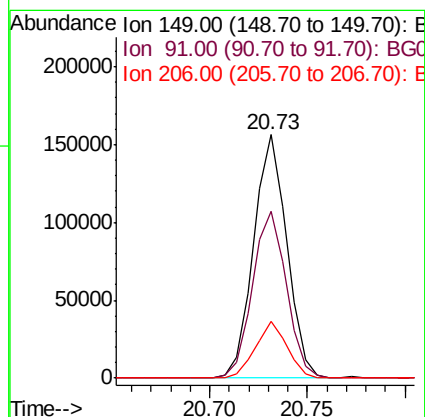
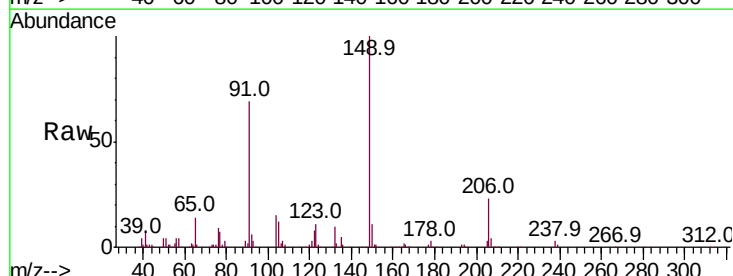
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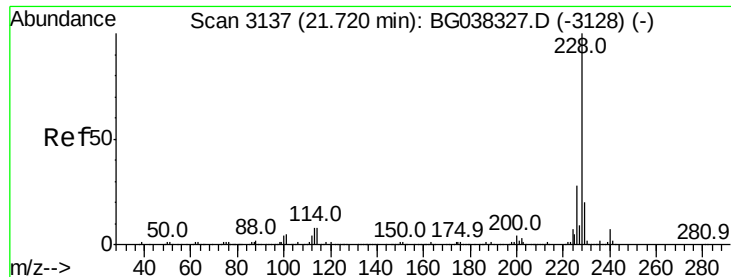
Sohil
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#80
 Butylbenzylphthalate
 Concen: 39.937 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.01 min
 Lab File: BG038424.D
 Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	68.7	57.0	85.4
206	23.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.063 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

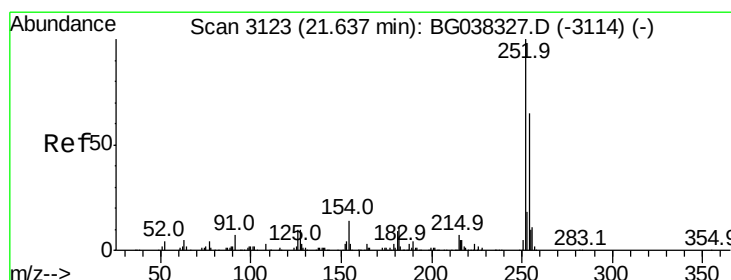
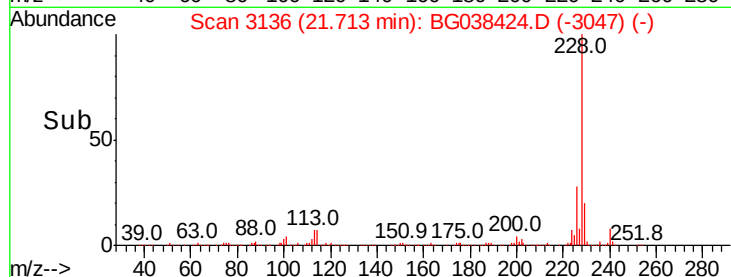
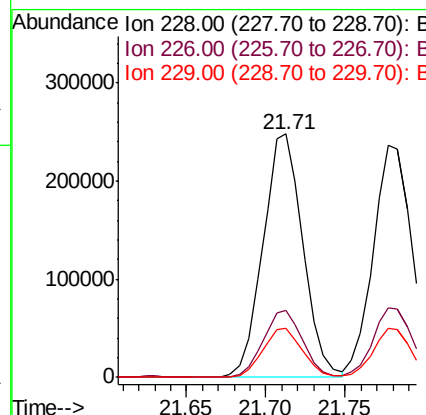
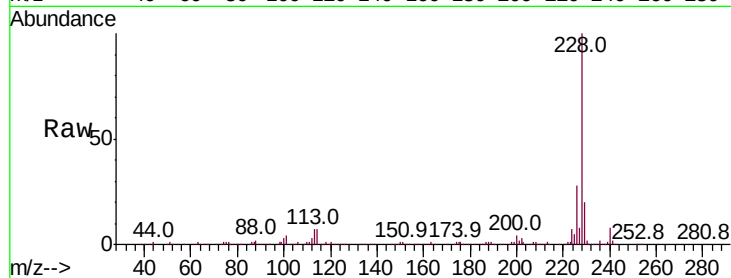
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.4	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 25.395 ng

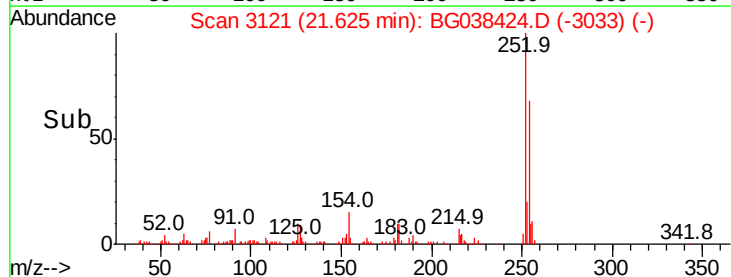
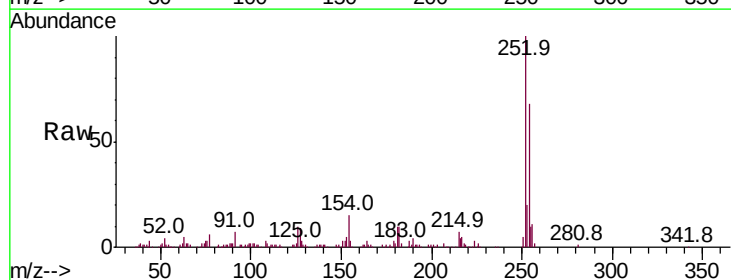
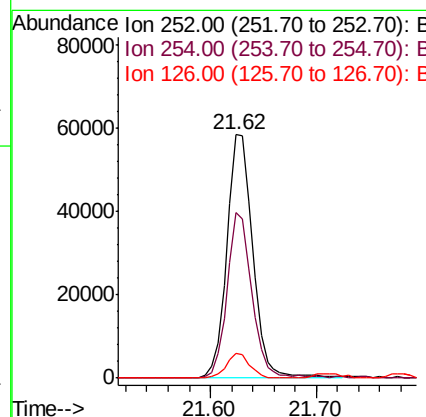
RT: 21.62 min Scan# 3121

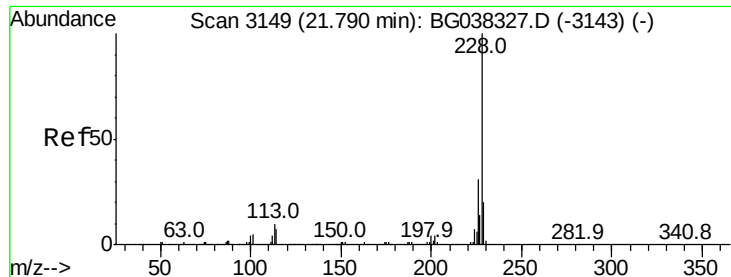
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.8	52.0	78.0
126	10.2	8.2	12.4





#83

Chrysene

Concen: 42.105 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

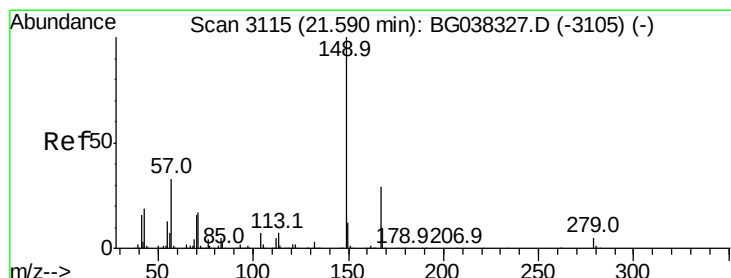
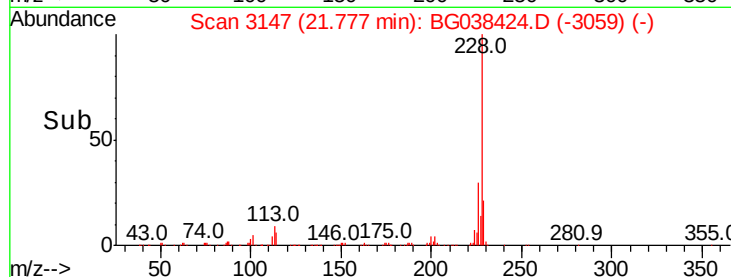
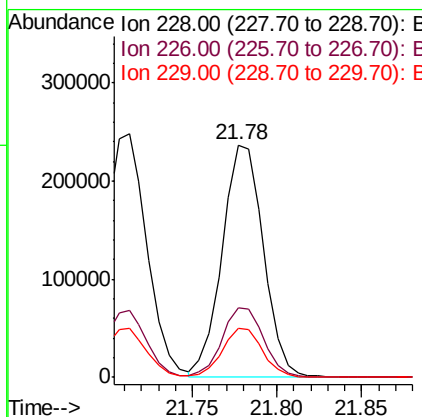
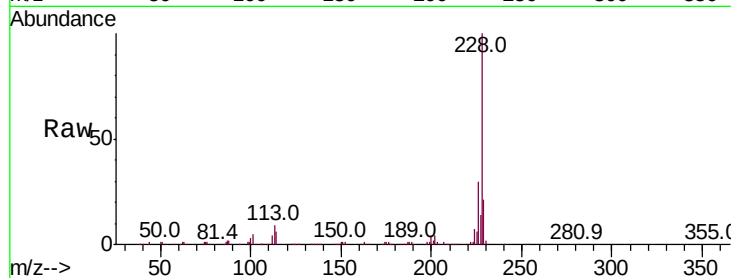
ClientSampleId :

PB115307BSD

Tot Ion:	228	Resp:	401209
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.7	38.5
229	21.0	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.131 ng

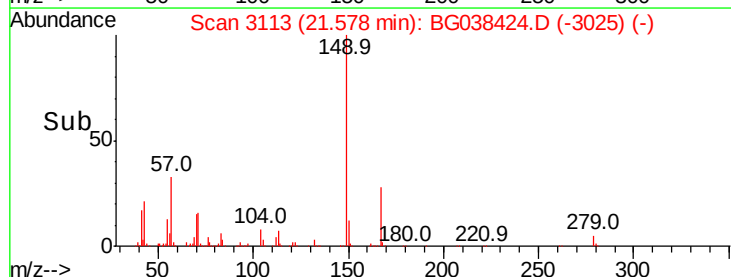
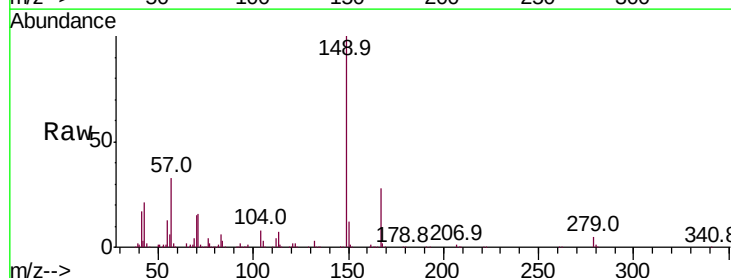
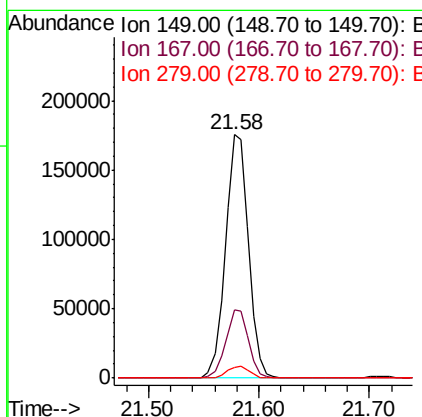
RT: 21.58 min Scan# 3113

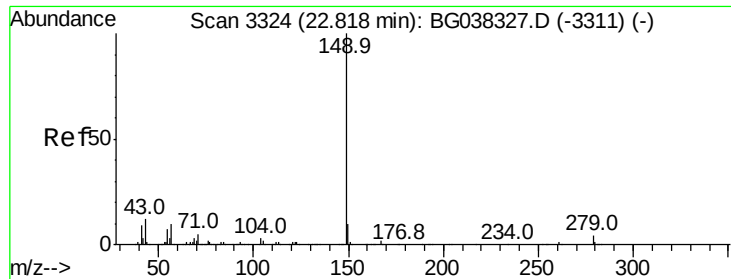
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	149	Resp:	255720
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.0	34.4
279	4.5	3.6	5.4





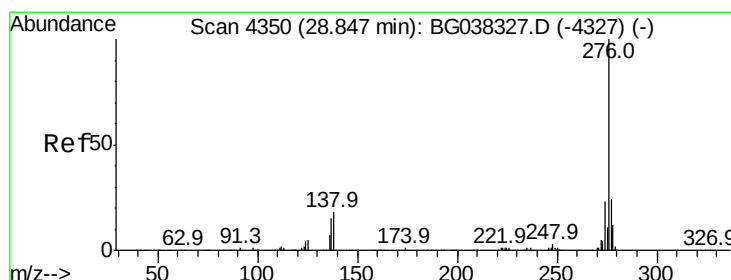
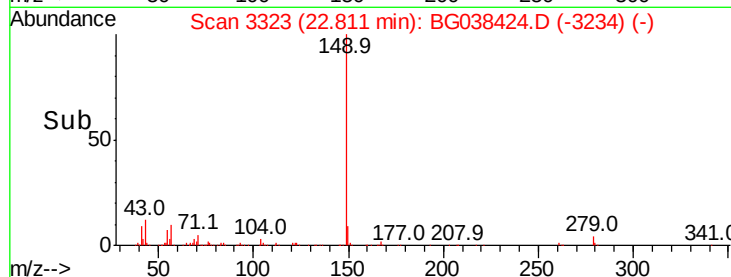
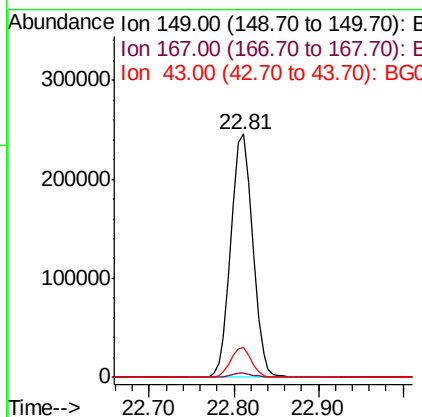
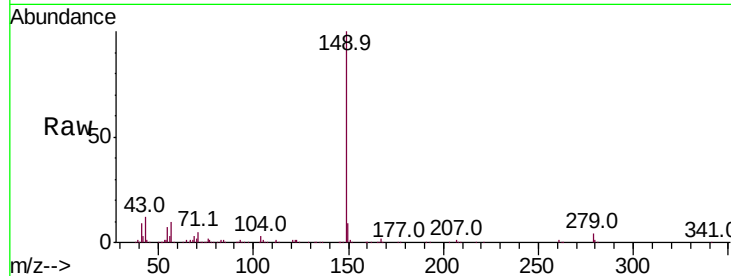
#85
Di-n-octyl phthalate
Concen: 38.934 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Instrument :
BNA_G
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.9	8.7	13.1	

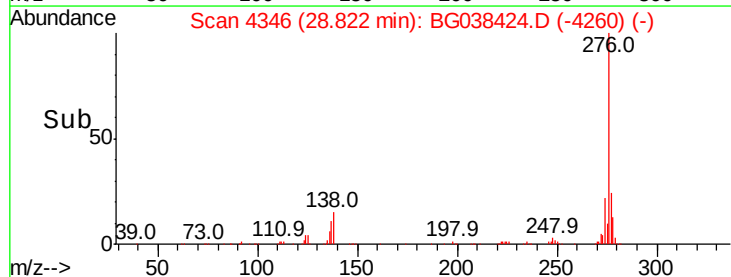
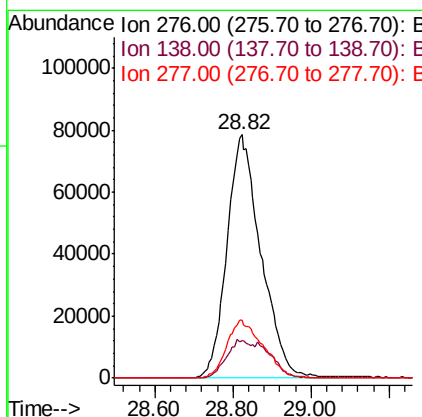
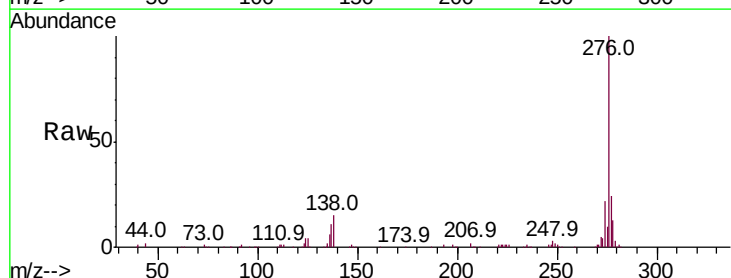
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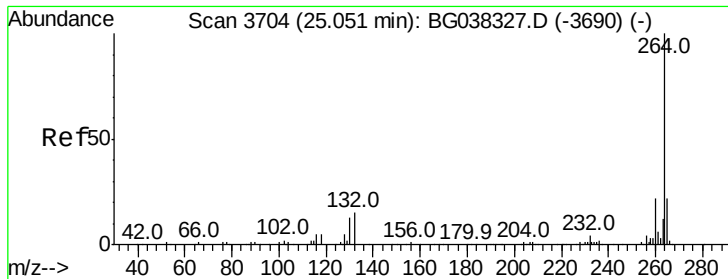
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.117 ng
RT: 28.82 min Scan# 4346
Delta R.T. -0.02 min
Lab File: BG038424.D
Acq: 8 Dec 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	10.6	12.0	18.0#	
277	25.2	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

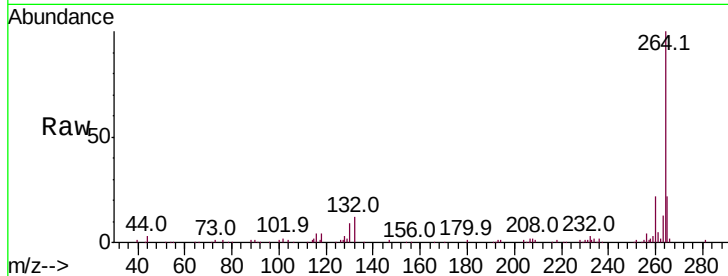
ClientSampleId :

PB115307BSD

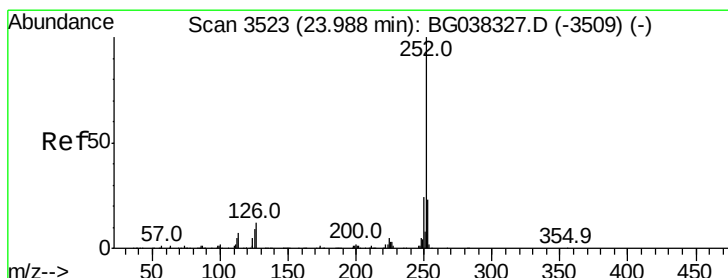
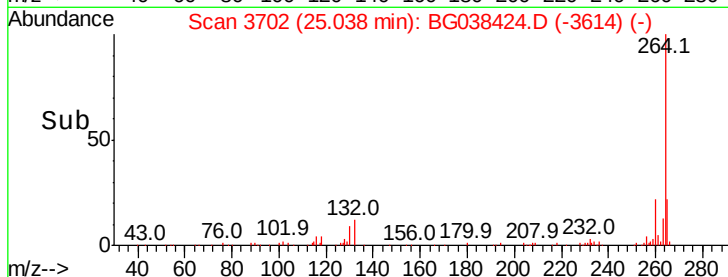
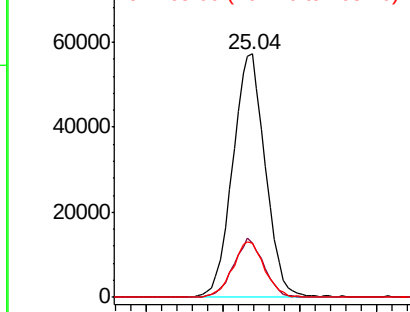
Tot Ion:	264	Resp:	168958
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	22.1	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 44.262 ng

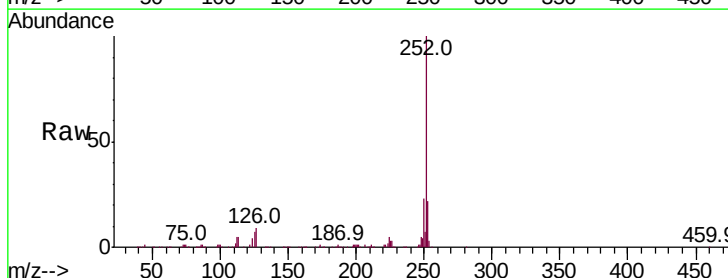
RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

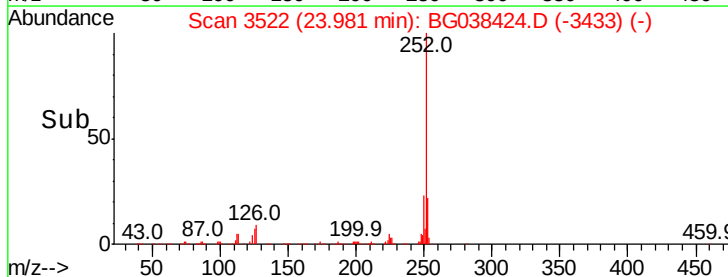
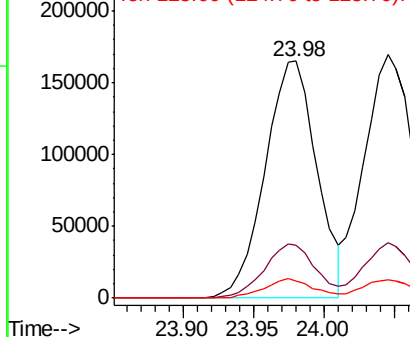
Lab File: BG038424.D

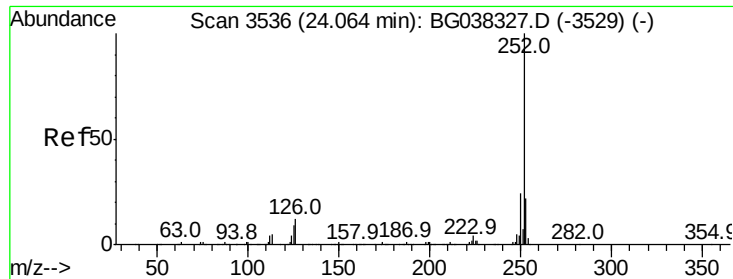
Acq: 8 Dec 2018 5:57

Tgt Ion:	252	Resp:	422560
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	7.1	7.8	11.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.698 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

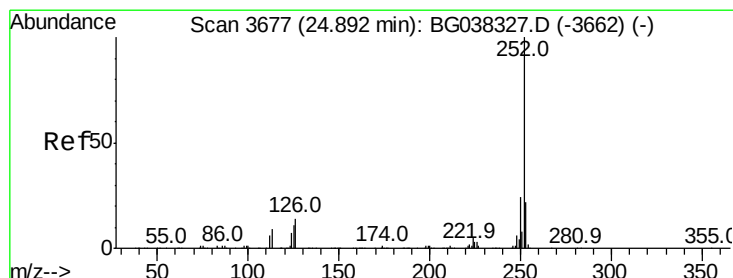
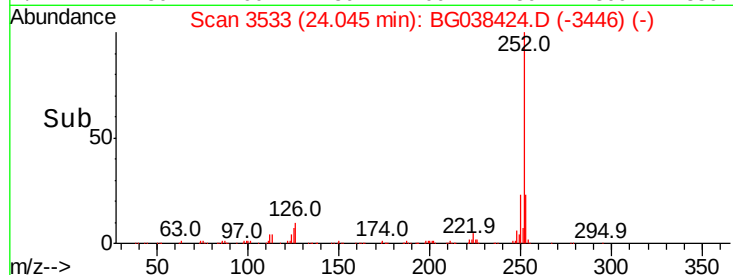
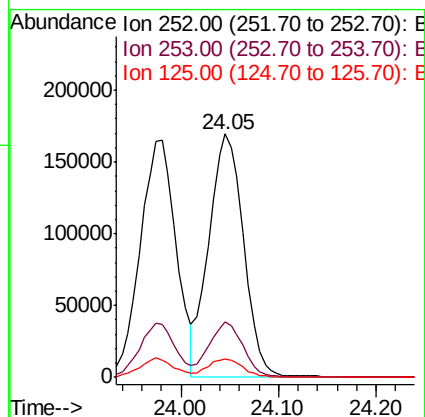
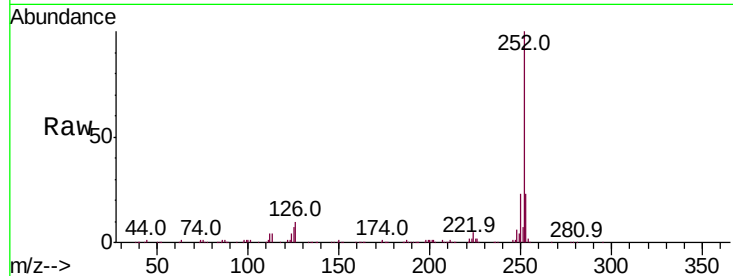
ClientSampleId :

PB115307BSD

Tot Ion:	252	Resp:	415489
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.4	26.2
125	7.3	7.4	11.0#

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#90

Benzo(a)pyrene

Concen: 44.313 ng

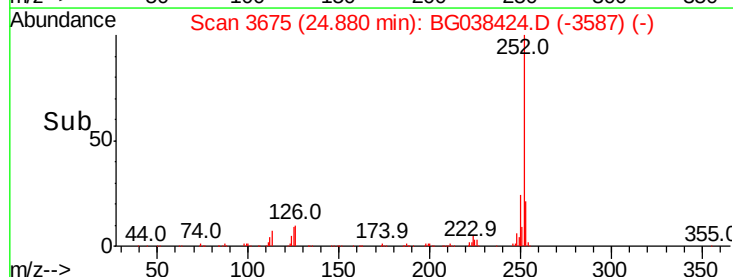
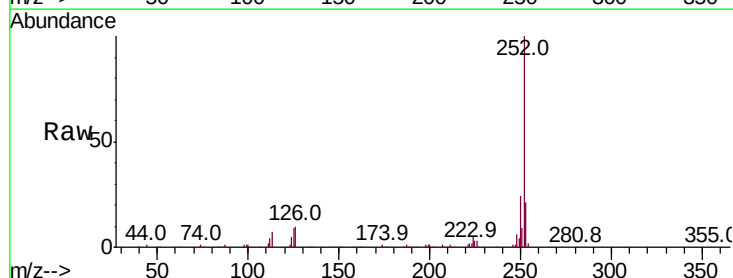
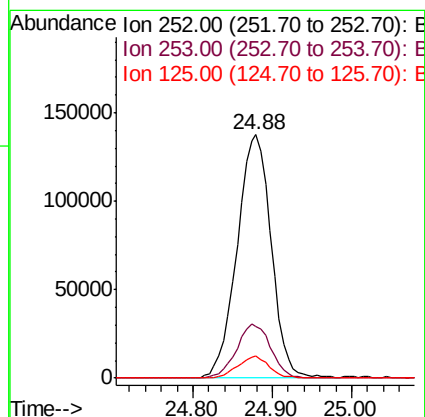
RT: 24.88 min Scan# 3675

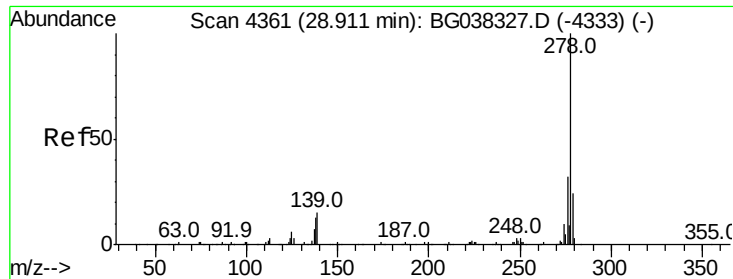
Delta R.T. -0.01 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	252	Resp:	410347
Ion Ratio		Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.374 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Instrument :

BNA_G

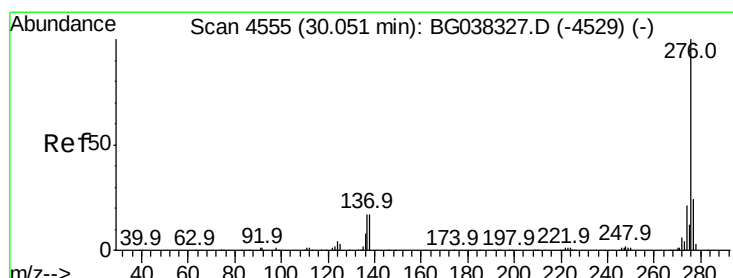
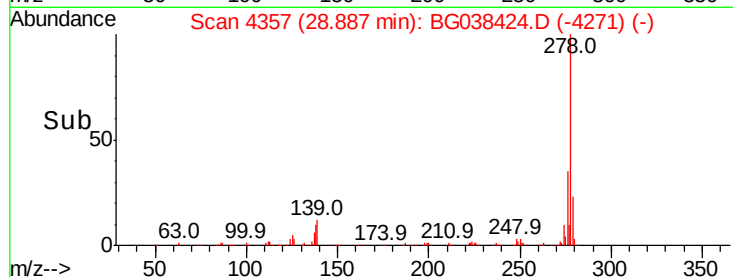
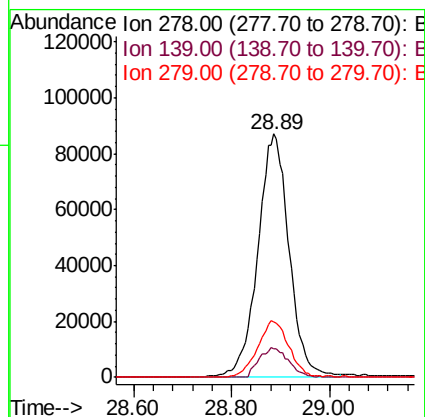
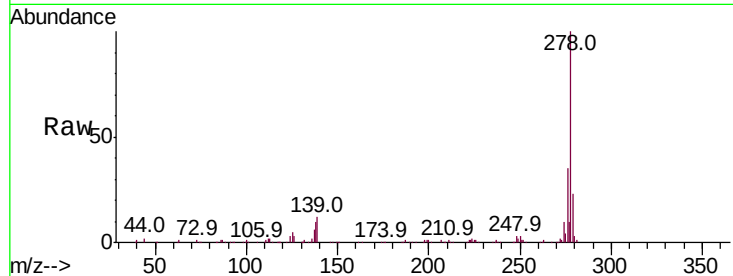
ClientSampleId :

PB115307BSD

Tot Ion:	278	Resp:	389724
Ion Ratio	Lower	Upper	
278	100		
139	11.9	11.5	17.3
279	22.9	18.6	27.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.982 ng

RT: 30.01 min Scan# 4549

Delta R.T. -0.04 min

Lab File: BG038424.D

Acq: 8 Dec 2018 5:57

Tgt Ion:	276	Resp:	400677
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.9	28.3
138	16.0	17.2	25.8#

