

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038046.D
 Acq On : 16 Nov 2018 23:13
 Operator : JU/SJ
 Sample : PB114891BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:46 PM

Quant Time: Nov 17 03:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42783	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	182694	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114669	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	265864	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255884	20.00	ng	0.00
87) Perylene-d12	25.07	264	271942	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	232826	93.96	ng	0.00
7) Phenol-d6	7.23	99	320484	90.61	ng	0.00
23) Nitrobenzene-d5	9.26	82	192299	56.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	105311	80.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	438272	55.68	ng	0.00
79) Terphenyl-d14	20.07	244	686184	63.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	28309	24.187	ng	99
3) Pyridine	3.92	79	80453	24.097	ng	96
4) n-Nitrosodimethylamine	3.84	42	38270	31.595	ng	94
6) Aniline	7.41	93	64278	14.080	ng	100
8) 2-Chlorophenol	7.64	128	89785	31.227	ng	98
9) Benzaldehyde	7.23	77	46480	18.171	ng	94
10) Phenol	7.26	94	119120	31.795	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	84303	27.562	ng	98
12) 1,3-Dichlorobenzene	7.97	146	90476	27.315	ng	98
13) 1,4-Dichlorobenzene	8.12	146	91886	27.462	ng	98
14) 1,2-Dichlorobenzene	8.44	146	88095	27.577	ng	97
15) Benzyl Alcohol	8.32	79	75329	29.432	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	161576	28.449	ng	97
17) 2-Methylphenol	8.52	107	79035	31.202	ng	98
18) Hexachloroethane	9.17	117	34367	28.222	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	67232	26.269	ng	99
20) 3+4-Methylphenols	8.85	107	107987	30.074	ng	97
22) Acetophenone	8.92	105	131921	29.022	ng	# 98
24) Nitrobenzene	9.30	77	100327	28.737	ng	94
25) Isophorone	9.82	82	188923	30.755	ng	97
26) 2-Nitrophenol	10.02	139	47194	27.077	ng	96
27) 2,4-Dimethylphenol	10.06	122	91255	34.750	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	118233	30.100	ng	95
29) 2,4-Dichlorophenol	10.54	162	90716	30.712	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	93862	28.357	ng	99
31) Naphthalene	10.96	128	279417	31.095	ng	99
32) Benzoic acid	10.17	122	42981m	31.221	ng	
33) 4-Chloroaniline	11.07	127	46022	11.010	ng	95
34) Hexachlorobutadiene	11.22	225	54799	26.900	ng	95
35) Caprolactam	11.84	113	31204	26.392	ng	# 87
36) 4-Chloro-3-methylphenol	12.17	107	97384	30.178	ng	99
37) 2-Methylnaphthalene	12.55	142	203878	31.587	ng	98
38) 1-Methylnaphthalene	12.77	142	193000	31.064	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	105519	27.538	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	132476	64.566	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	73976	28.332	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	81358	29.613	nq	95
46) 1,1'-Biphenyl	13.55	154	264512	27.458	nq	100
47) 2-Chloronaphthalene	13.60	162	207999	28.295	nq	100
48) 2-Nitroaniline	13.81	65	68347	29.541	nq	91
49) Acenaphthylene	14.45	152	347547	31.439	nq	99
50) Dimethylphthalate	14.17	163	263373	28.972	nq	100
51) 2,6-Dinitrotoluene	14.30	165	60273	29.295	nq	94
52) Acenaphthene	14.79	154	197149	29.624	nq	98
53) 3-Nitroaniline	14.63	138	36490	16.073	nq	# 92
54) 2,4-Dinitrophenol	14.83	184	48058	47.541	nq	91
55) Dibenzofuran	15.12	168	323090	29.360	nq	99
56) 4-Nitrophenol	14.93	139	101805	58.141	nq	98
57) 2,4-Dinitrotoluene	15.09	165	83520	29.835	nq	93
58) Fluorene	15.77	166	258044	31.428	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	70796	30.796	nq	97
60) Diethylphthalate	15.52	149	271182	28.085	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	131337	27.337	nq	100
62) 4-Nitroaniline	15.80	138	67288	29.835	nq	91
63) Azobenzene	16.04	77	254305	29.457	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	42249	25.124	nq	98
66) n-Nitrosodiphenylamine	15.97	169	231570	28.791	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	82866	28.397	nq	96
68) Hexachlorobenzene	16.76	284	85105	28.255	nq	99
69) Atrazine	16.91	200	87200	29.410	nq	98
70) Pentachlorophenol	17.11	266	94829	46.356	nq	96
71) Phenanthrene	17.51	178	433650	31.858	nq	98
72) Anthracene	17.60	178	442420	32.973	nq	99
73) Carbazole	17.88	167	405986	30.158	nq	99
74) Di-n-butylphthalate	18.41	149	471024	31.170	nq	100
75) Fluoranthene	19.52	202	514399	33.123	nq	99
77) Benzidine	19.70	184	161979	18.040	nq	98
78) Pyrene	19.88	202	524641	31.360	nq	98
80) Butylbenzylphthalate	20.75	149	220696	30.165	nq	97
81) Benzo(a)anthracene	21.73	228	494448	31.976	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	95262	15.815	nq	99
83) Chrysene	21.80	228	458682	31.002	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	311368	29.843	nq	97
85) Di-n-octyl phthalate	22.84	149	534843	31.686	nq	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	541666	32.964	nq	# 94
88) Benzo(b)fluoranthene	24.01	252	475704	31.788	nq	98
89) Benzo(k)fluoranthene	24.08	252	473809	32.086	nq	98
90) Benzo(a)pyrene	24.92	252	466978	32.652	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	447094	32.490	nq	99
92) Benzo(g,h,i)perylene	30.07	276	442365	32.330	nq	99

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

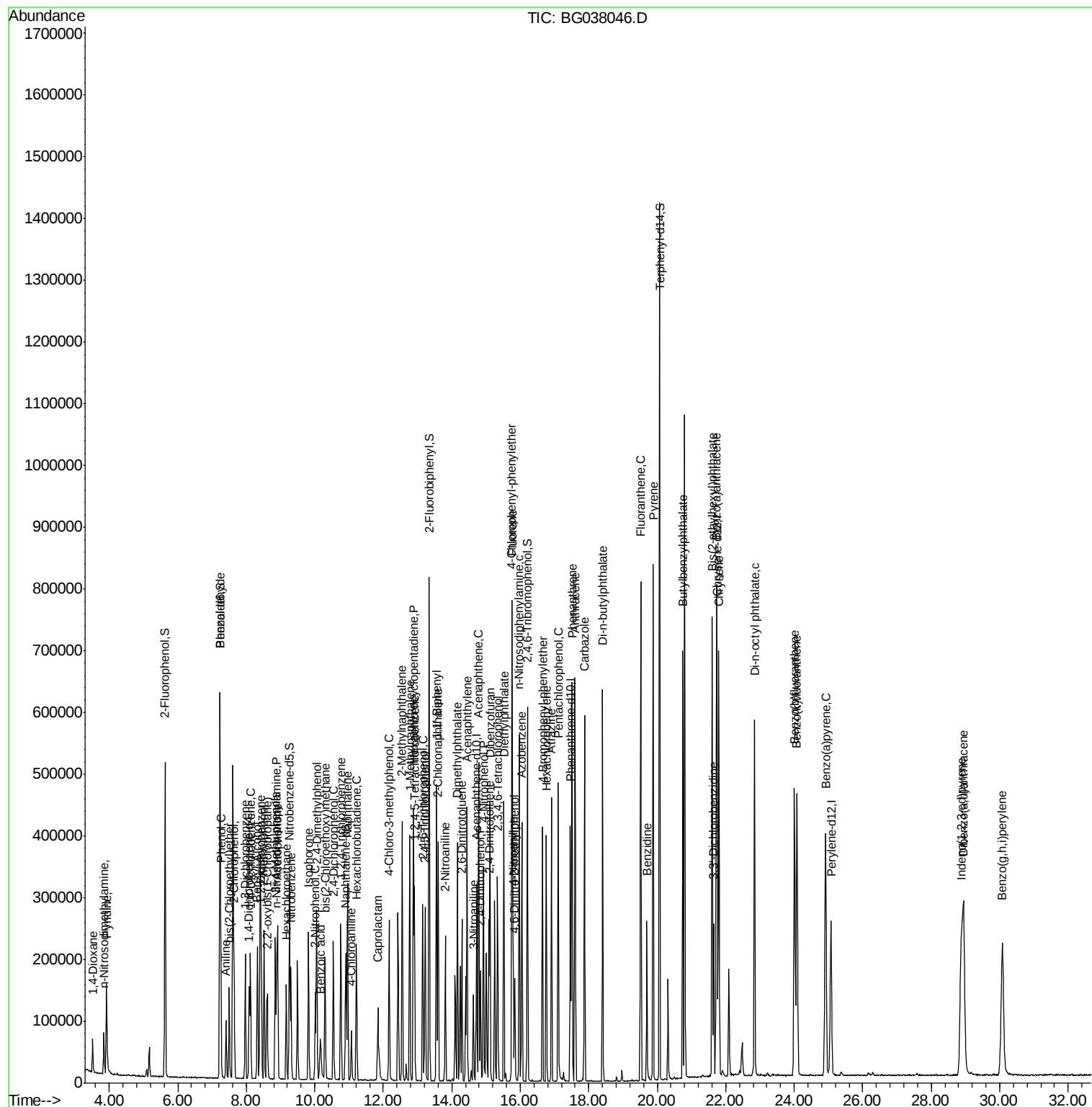
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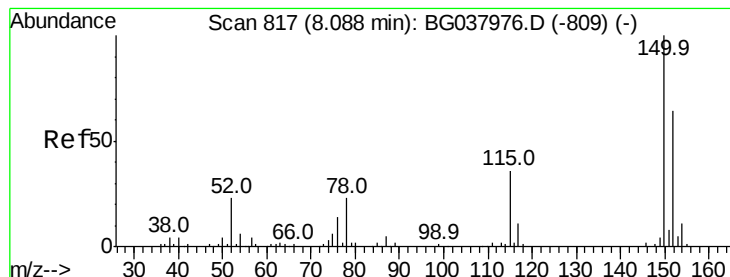
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#1

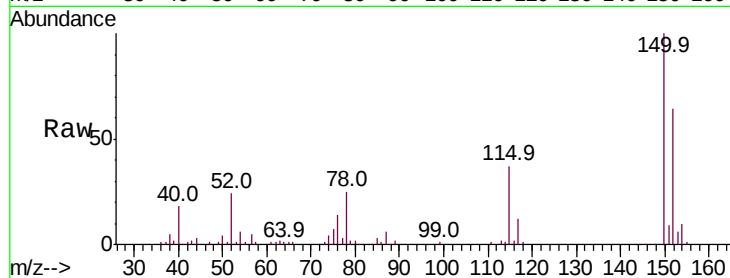
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.0	189.0
115	57.8	45.5	68.3

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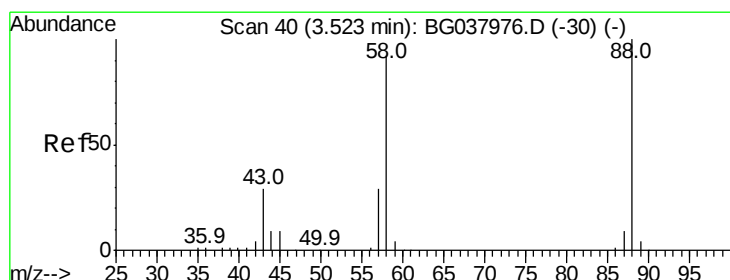
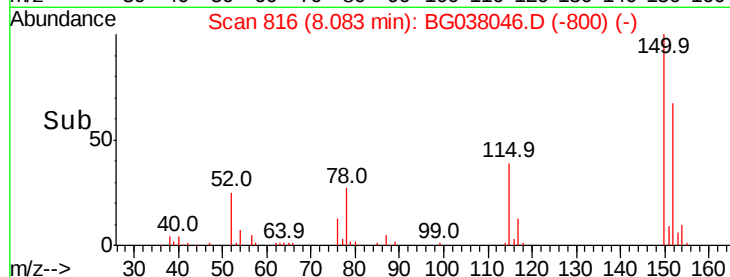
Abundance

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

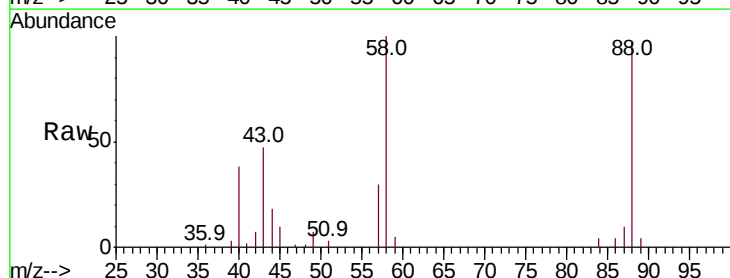
Time-->



#2

1,4-Dioxane
Concen: 24.187 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	74.4	111.6
43	32.3	25.8	38.8



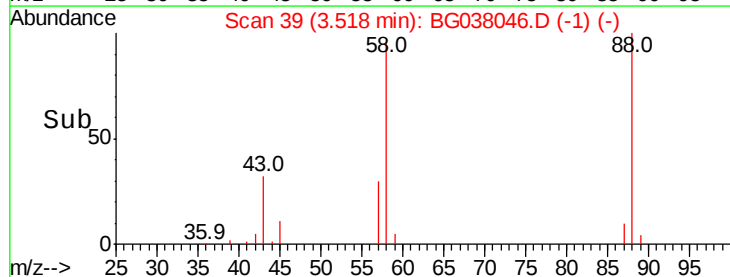
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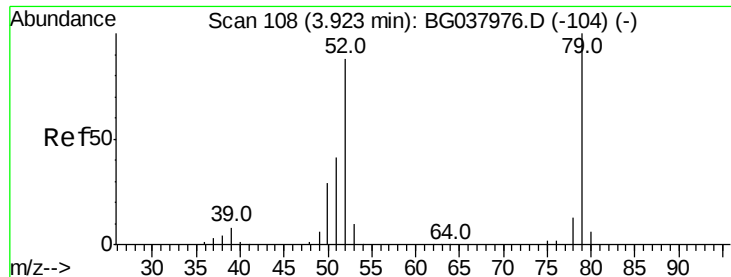
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pvridine

Concen: 24.097 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

ClientSampleId :

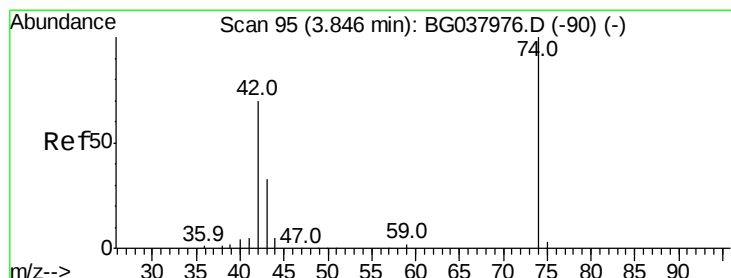
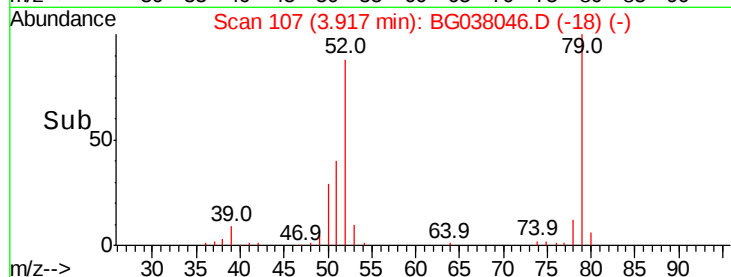
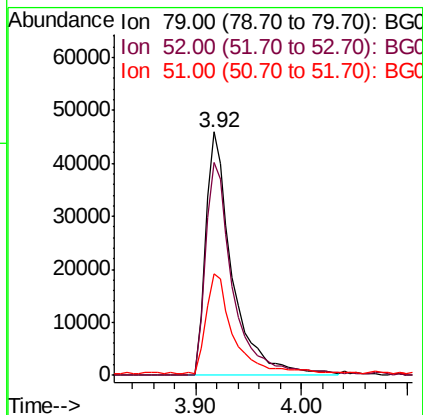
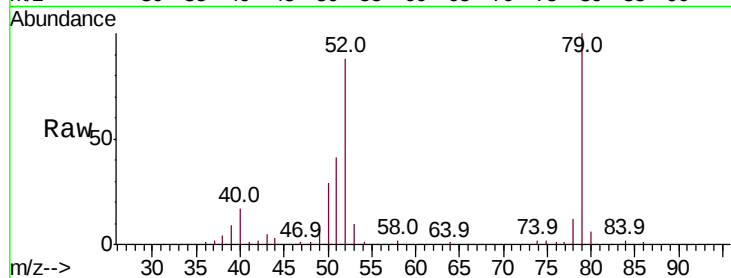
PB114891BS

Tot Ion: 79 Resp: 80453

Ion	Ratio	Lower	Upper
79	100		
52	87.7	74.2	111.2
51	41.5	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 31.595 ng

RT: 3.84 min Scan# 94

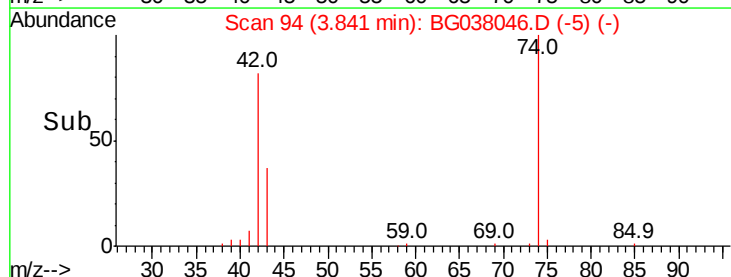
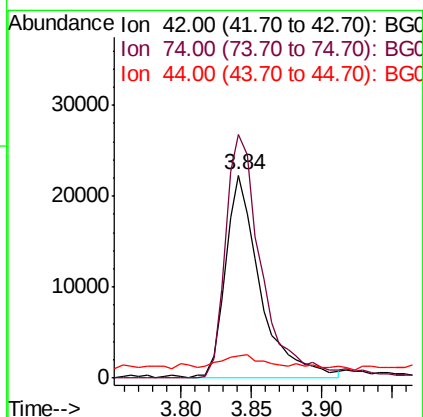
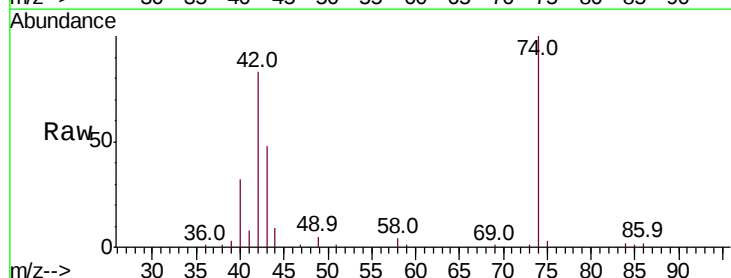
Delta R.T. -0.01 min

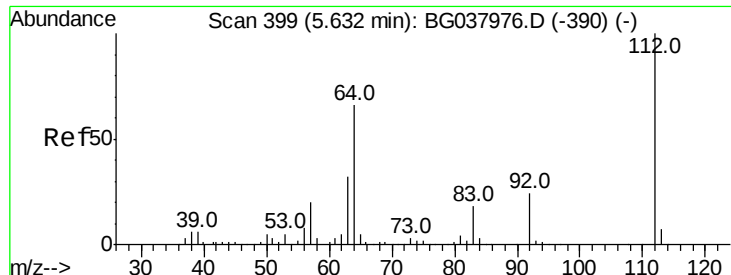
Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion: 42 Resp: 38270

Ion	Ratio	Lower	Upper
42	100		
74	120.1	102.0	153.0
44	10.9	9.6	14.4





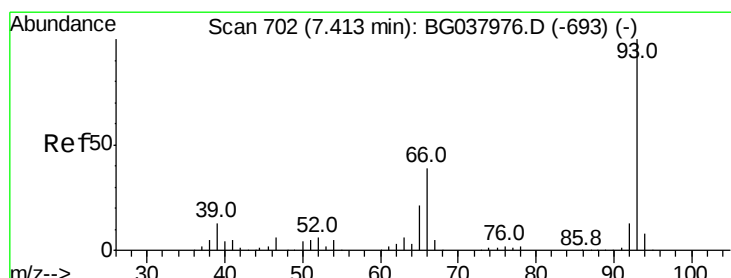
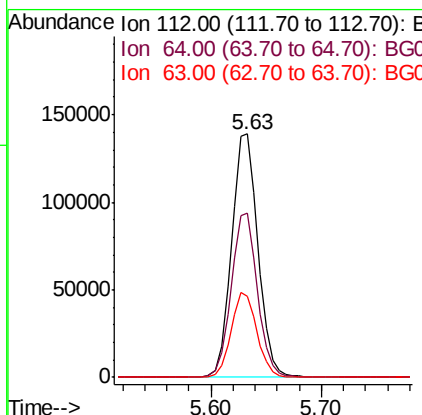
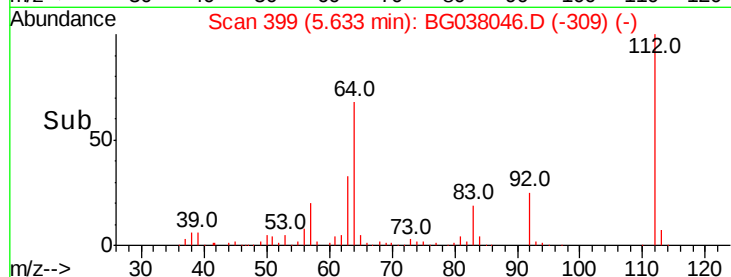
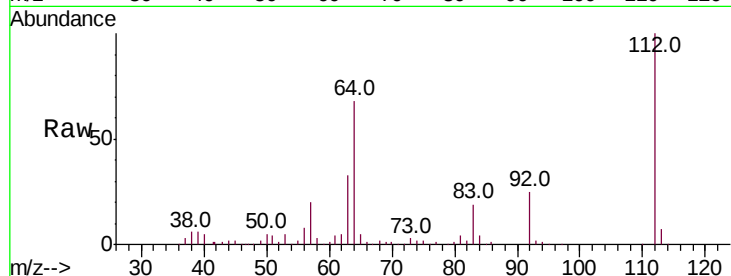
#5
2-Fluorophenol
Concen: 93.960 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:	112	Resp:	232826
Ion Ratio	Lower	Upper	
112	100		
64	67.6	53.1	79.7
63	33.3	27.3	40.9

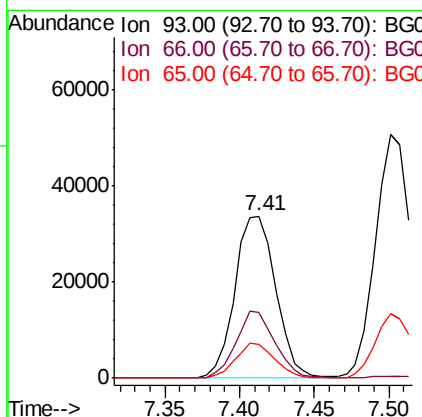
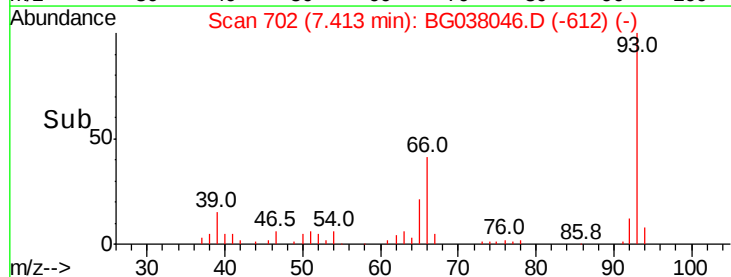
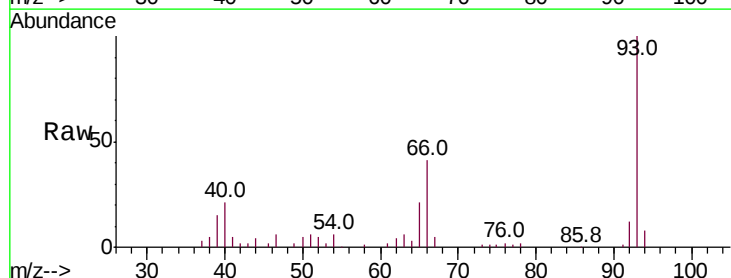
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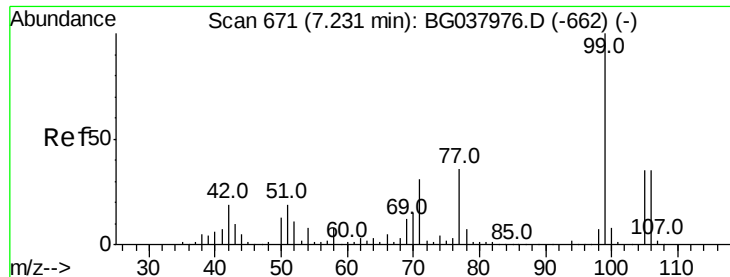
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#6
Aniline
Concen: 14.080 ng
RT: 7.41 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion:	93	Resp:	64278
Ion Ratio	Lower	Upper	
93	100		
66	40.9	32.8	49.2
65	20.6	16.4	24.6





#7

Phenol-d6

Concen: 90.607 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

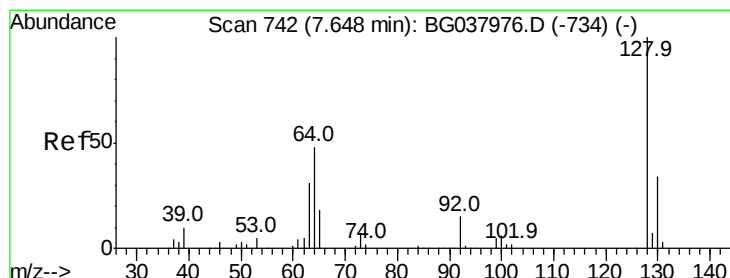
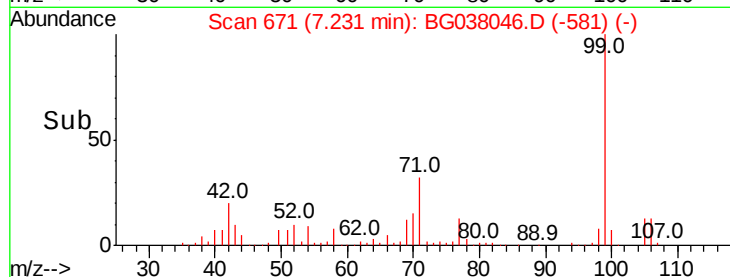
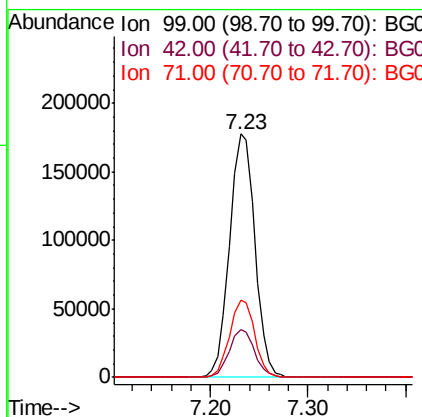
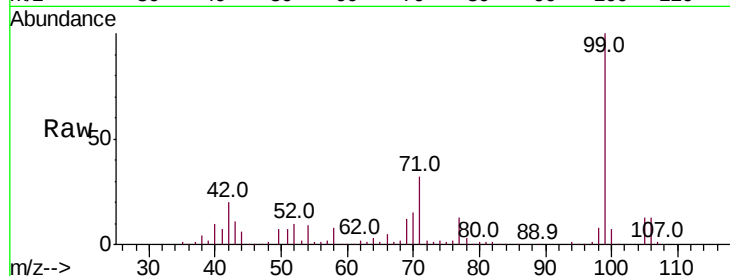
ClientSampleId :

PB114891BS

Tot Ion:	99	Resp:	320484
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.0	22.4
71	31.6	25.5	38.3

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#8

2-Chlorophenol

Concen: 31.227 ng

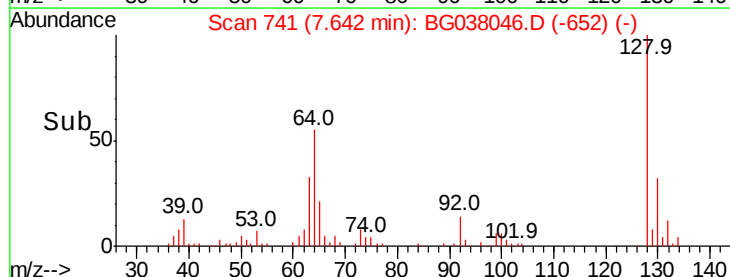
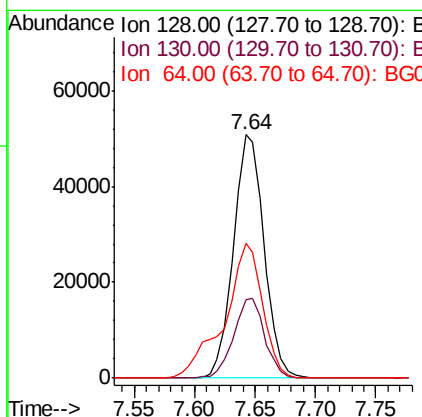
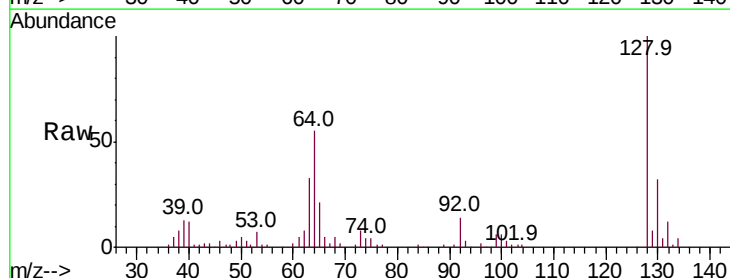
RT: 7.64 min Scan# 741

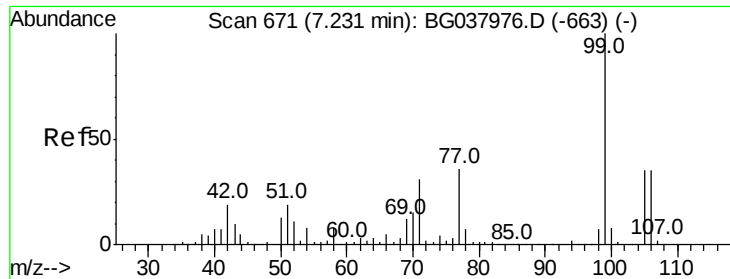
Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	128	Resp:	89785
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.0	52.0
64	55.2	32.9	72.9





#9

Benzaldehyde

Concen: 18.171 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

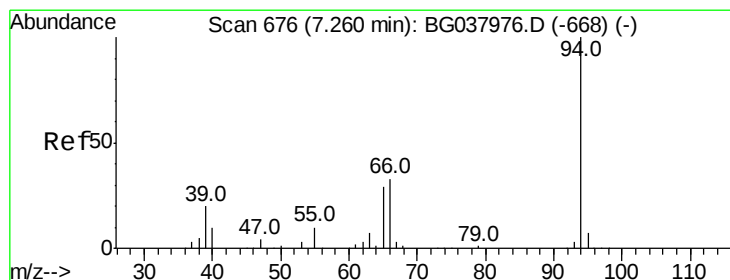
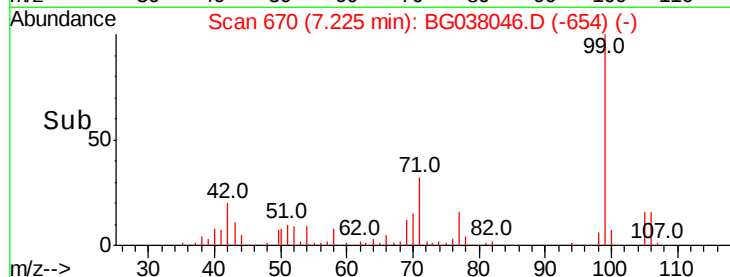
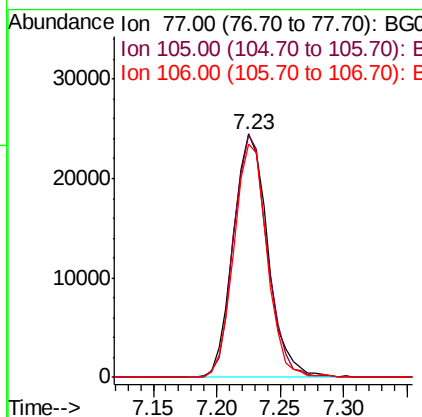
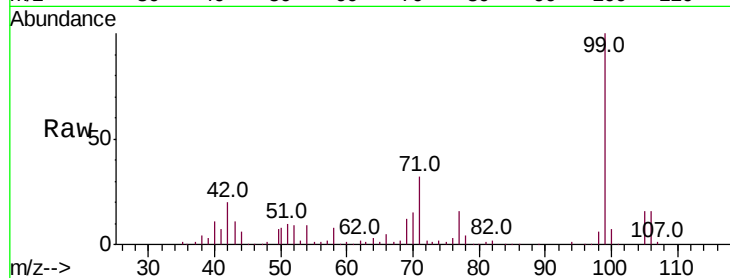
ClientSampleId :

PB114891BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	72.6	112.6
106	95.7	71.3	111.3

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#10

Phenol

Concen: 31.795 ng

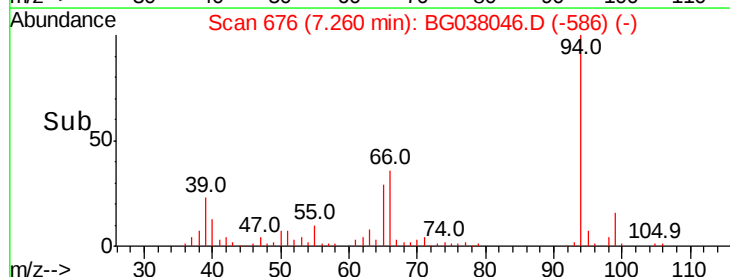
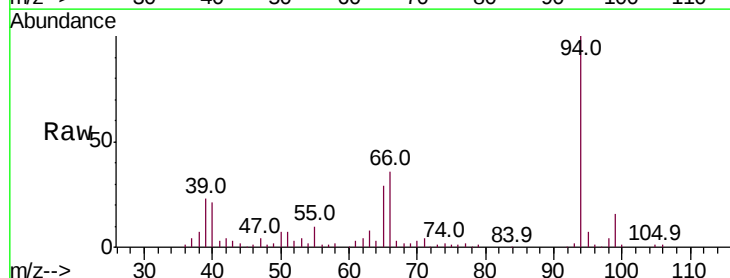
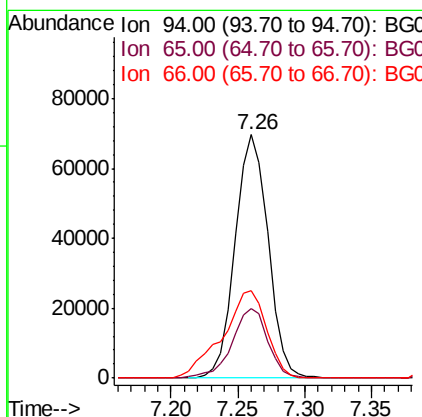
RT: 7.26 min Scan# 676

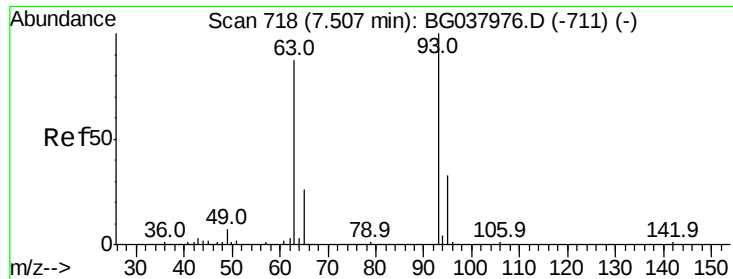
Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.7	49.7
66	36.1	15.9	55.9





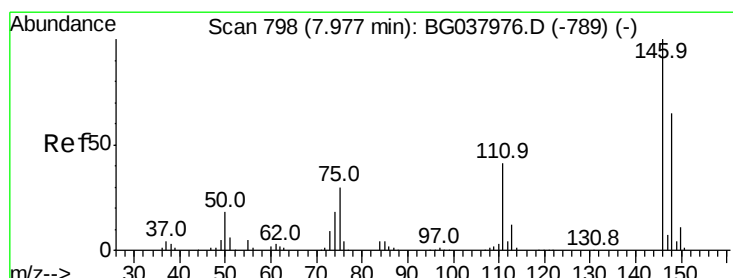
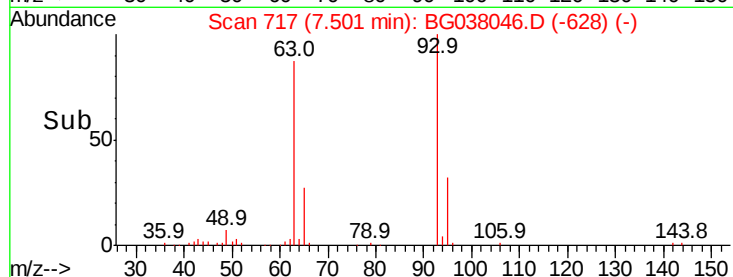
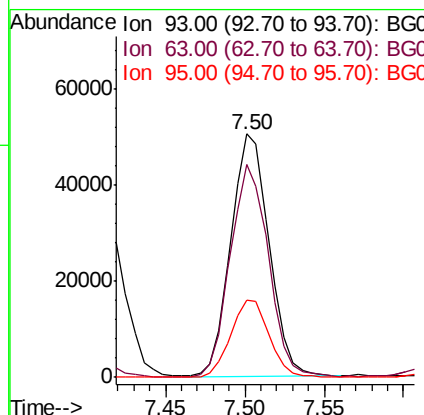
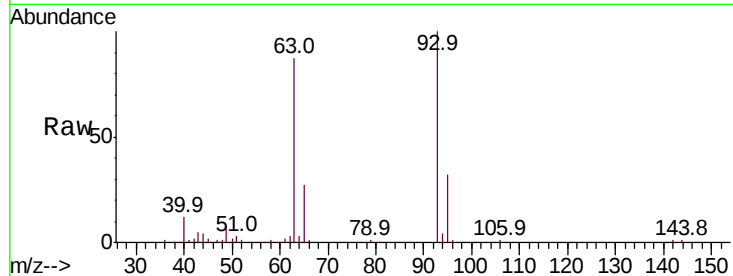
#11
bis(2-Chloroethyl)ether
Concen: 27.562 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.4	69.5	109.5
95	31.6	12.6	52.6

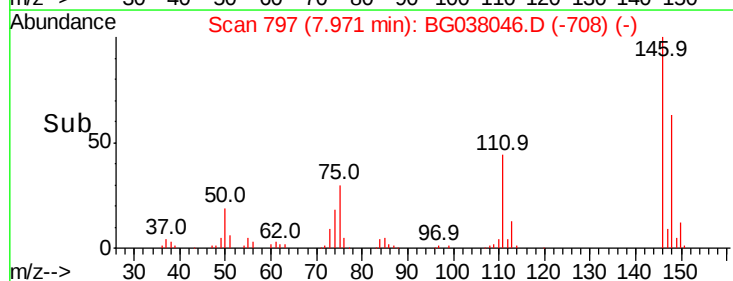
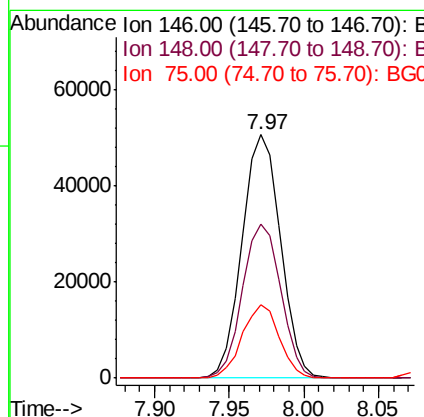
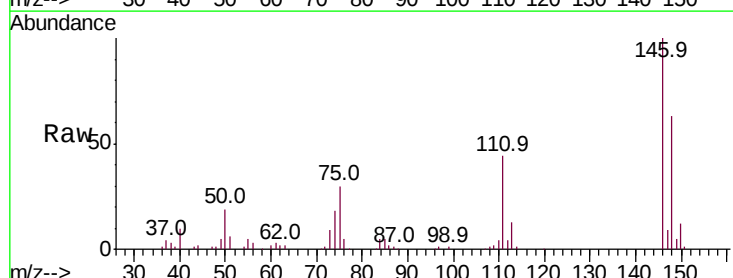
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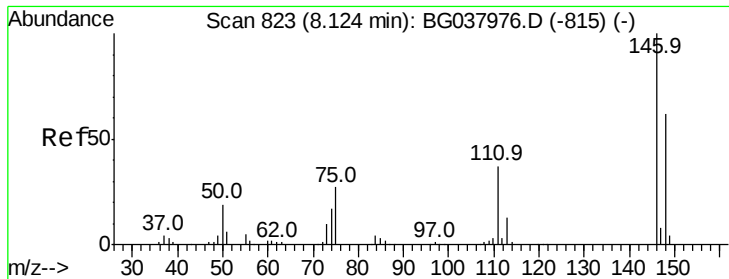
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#12
1,3-Dichlorobenzene
Concen: 27.315 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.8	74.8
75	30.3	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 27.462 ng

RT: 8.12 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

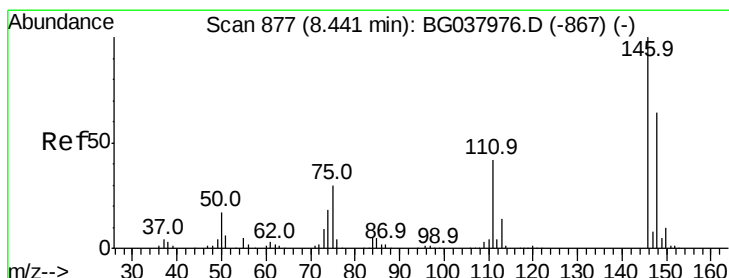
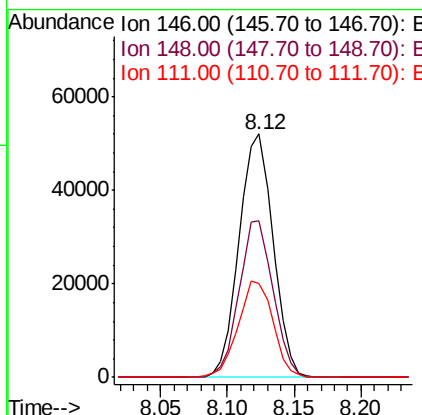
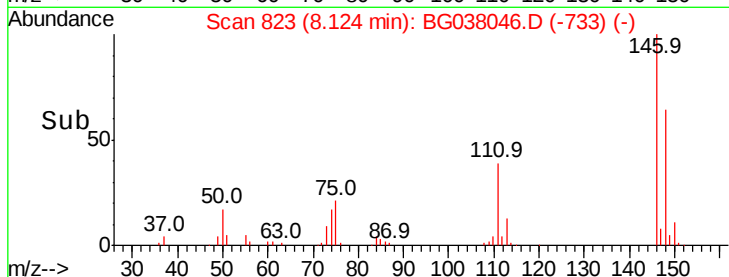
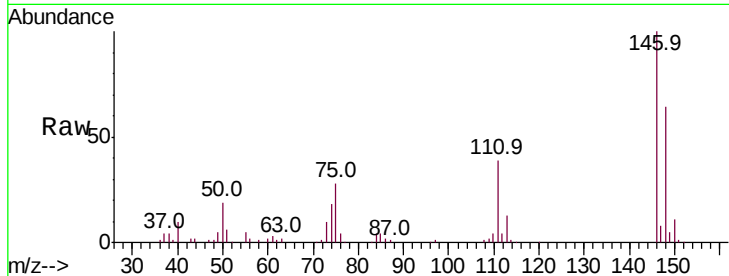
ClientSampleId :

PB114891BS

Tot Ion:	146	Resp:	91886
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.6
111	38.6	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 27.577 ng

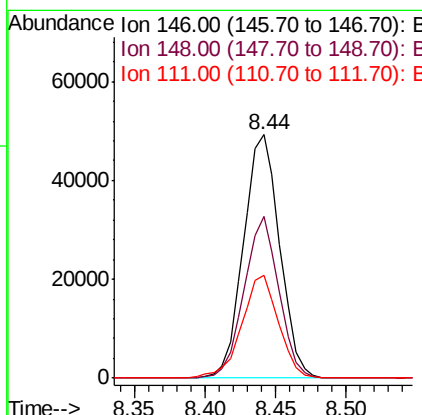
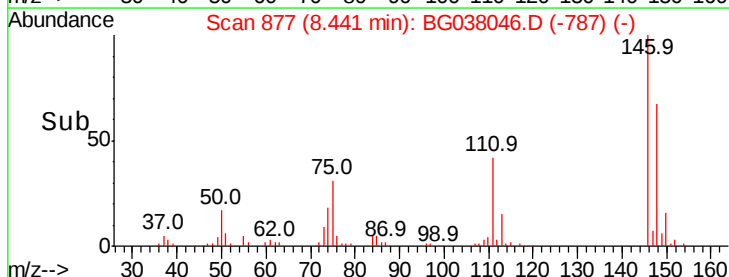
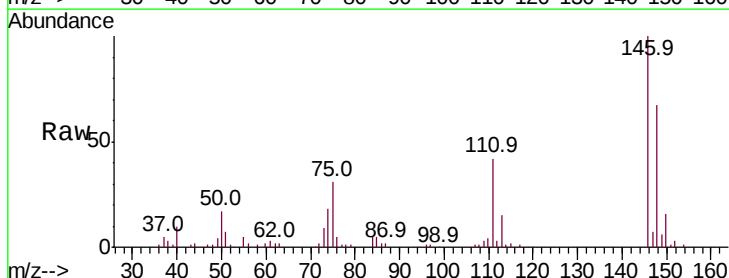
RT: 8.44 min Scan# 877

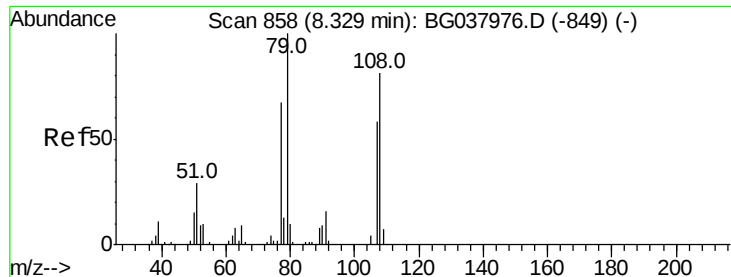
Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	146	Resp:	88095
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.4	75.6
111	42.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 29.432 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

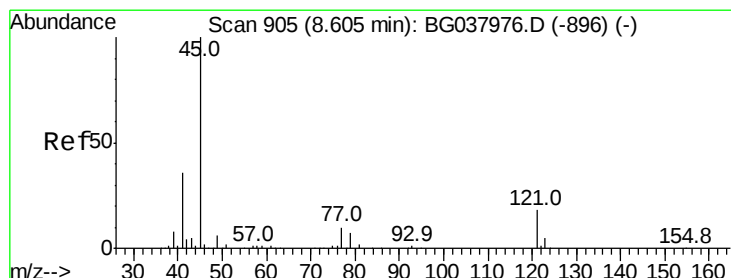
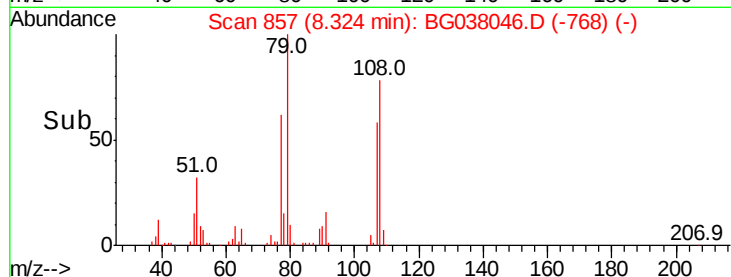
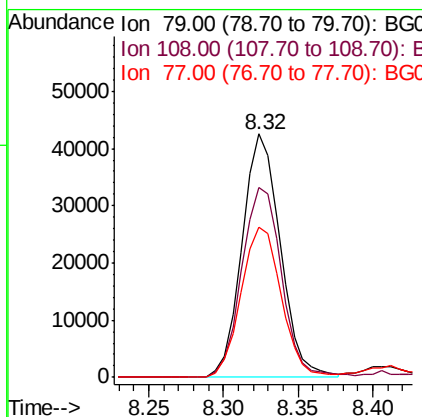
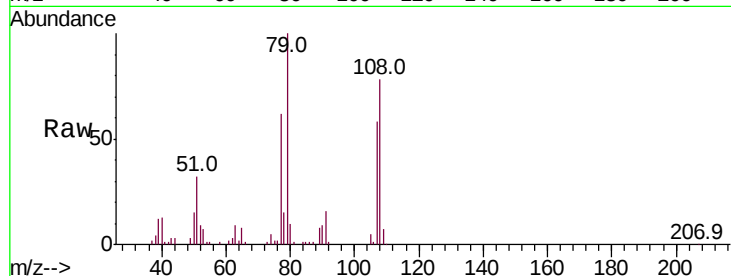
ClientSampled :

PB114891BS

Tot Ion:	79	Resp:	75329
Ion Ratio	Lower	Upper	
79	100		
108	78.2	65.8	98.8
77	61.5	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.449 ng

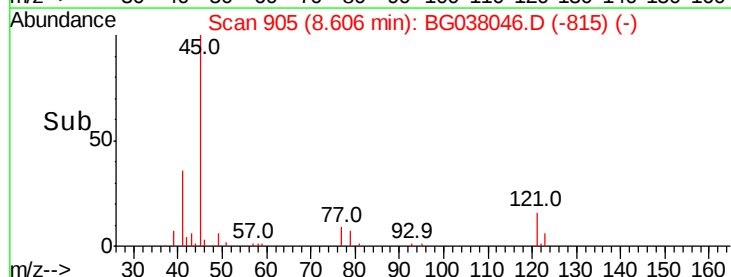
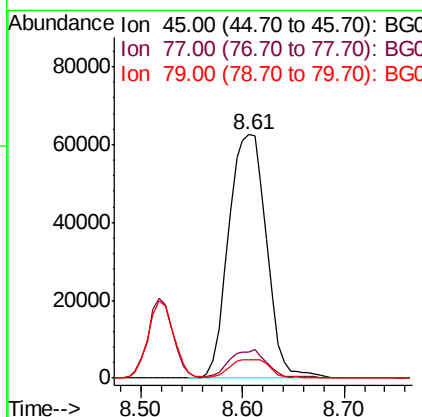
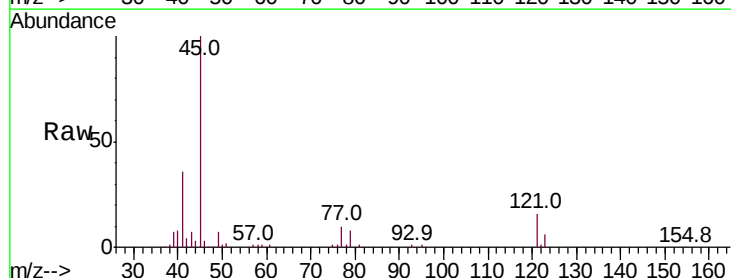
RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	45	Resp:	161576
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	7.5	0.0	29.0





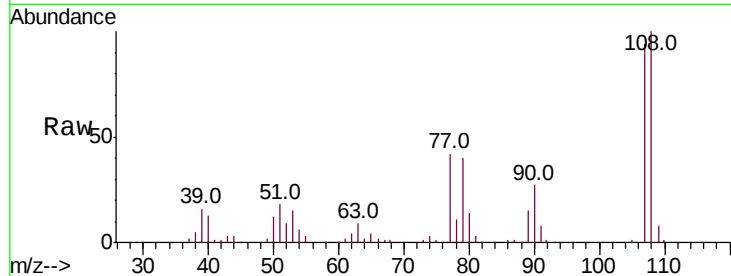
#17
2-Methylphenol
Concen: 31.202 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampled :
PB114891BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.8	87.9	131.9
77	44.4	35.1	52.7
79	42.9	34.5	51.7

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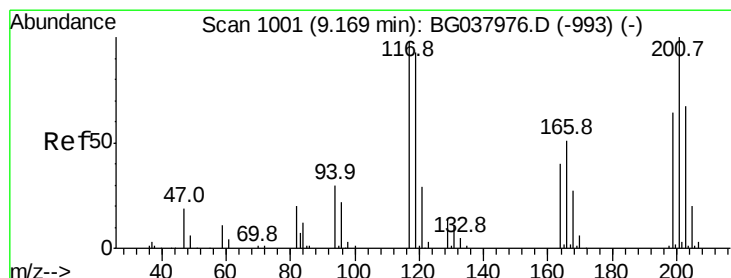
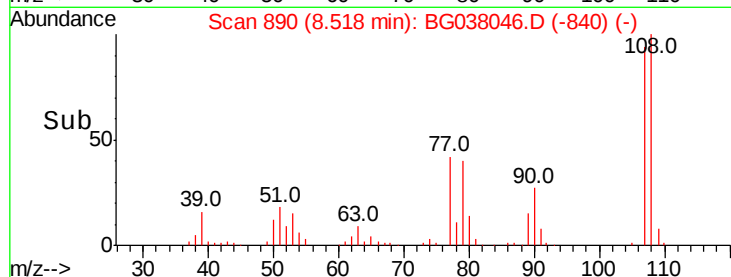
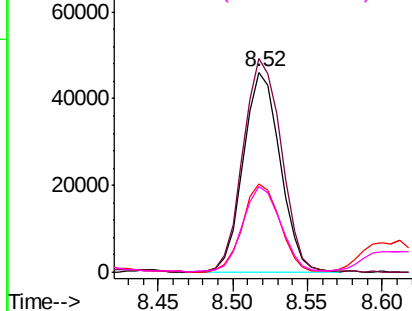
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 28.222 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

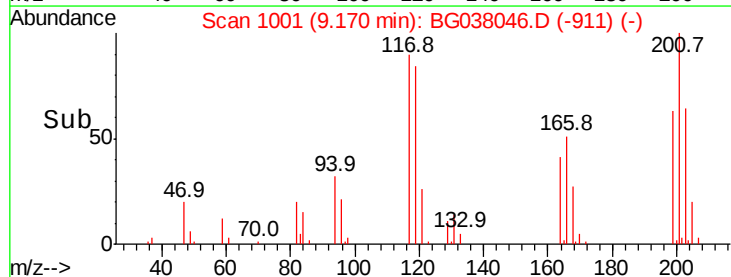
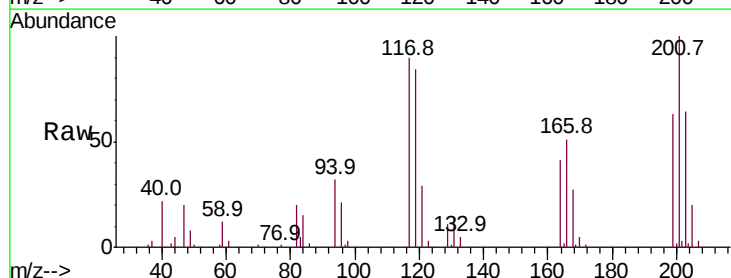
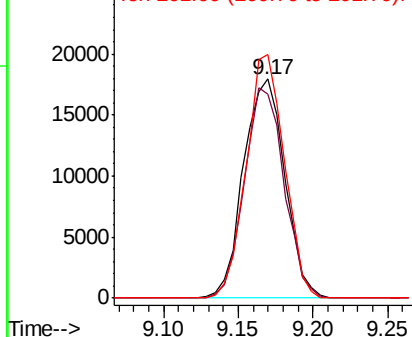
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.6	111.8
201	114.8	80.8	121.2

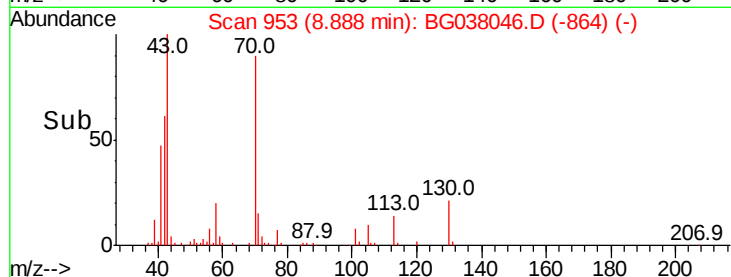
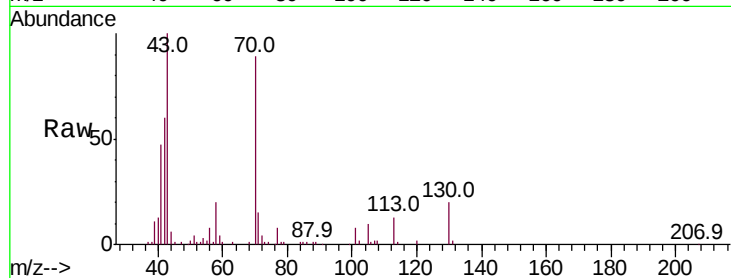
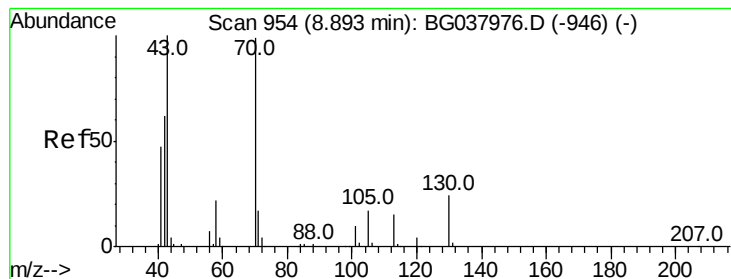
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 26.269 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

ClientSampleId :

PB114891BS

Tot Ion: 70 Resp: 67232

Ion Ratio Lower Upper

70 100

42 67.8 53.9 80.9

101 9.4 8.2 12.2

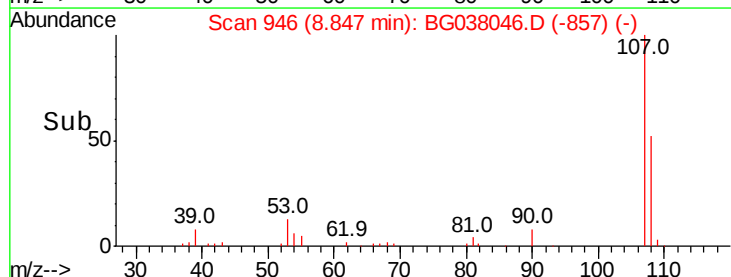
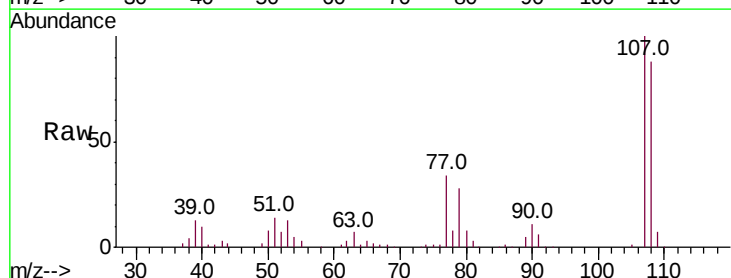
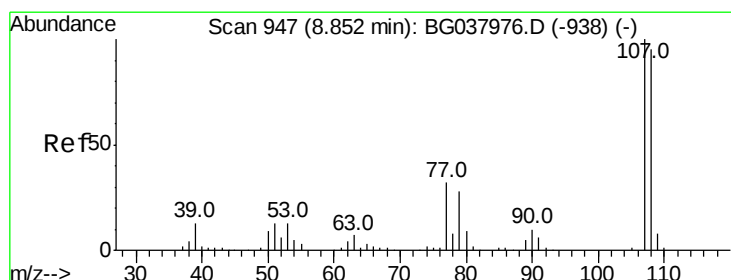
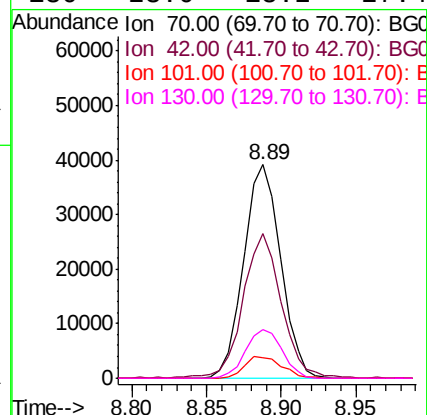
130 23.0 18.2 27.4

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#20

3+4-Methylphenols

Concen: 30.074 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion: 107 Resp: 107987

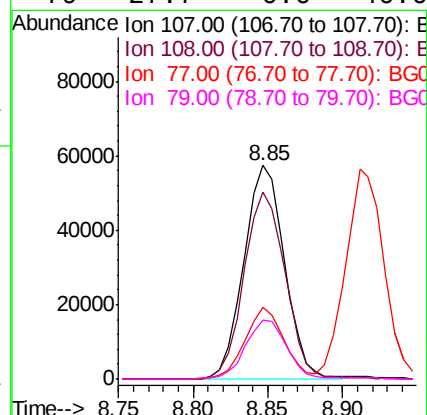
Ion Ratio Lower Upper

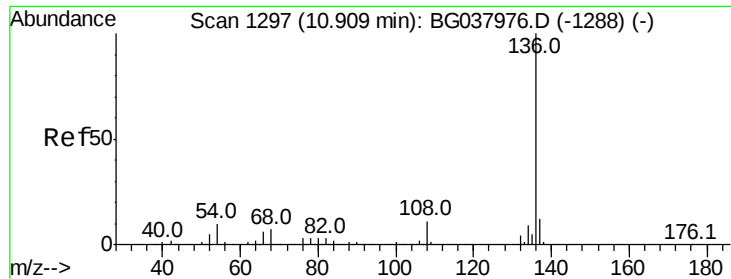
107 100

108 87.8 69.9 109.9

77 33.5 11.2 51.2

79 27.7 6.6 46.6





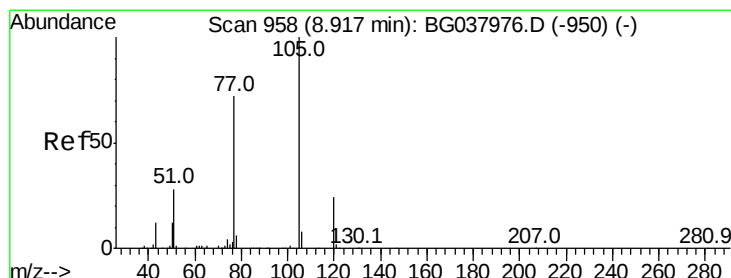
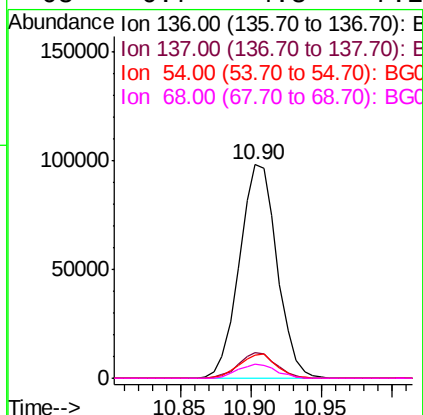
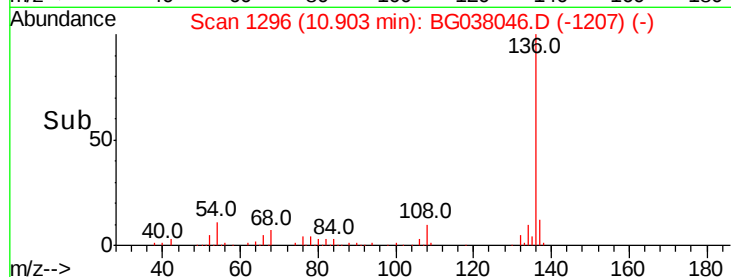
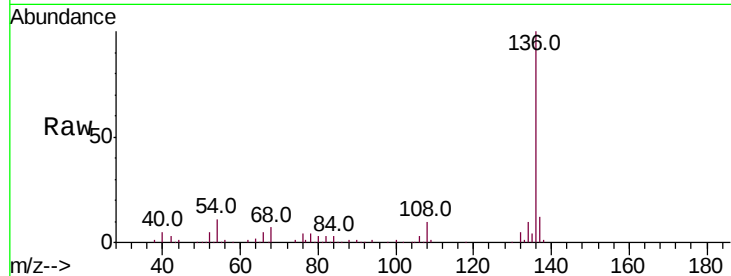
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	182694		
137	12.0	9.6	14.4	
54	10.8	7.9	11.9	
68	6.7	4.8	7.2	

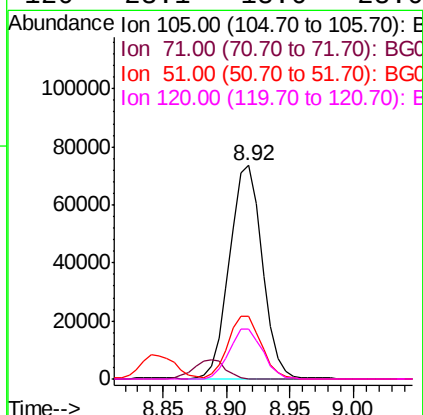
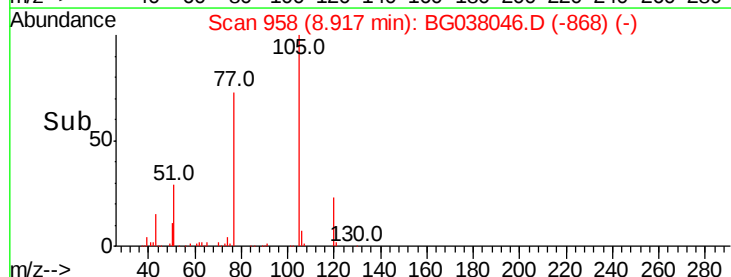
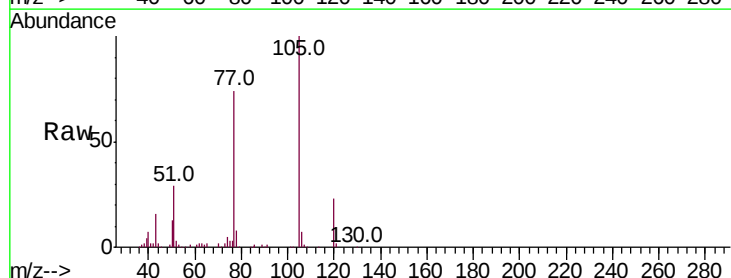
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#22
Acetophenone
Concen: 29.022 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	131921		
71	0.3	1.2	1.8#	
51	29.3	25.0	37.6	
120	23.1	18.6	28.0	





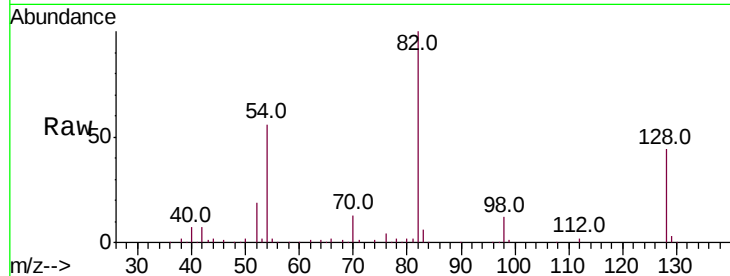
#23
Nitrobenzene-d5
Concen: 56.345 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

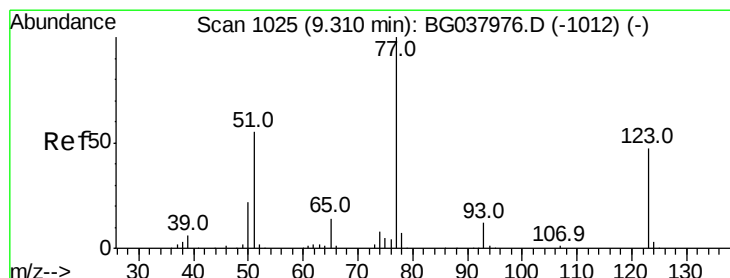
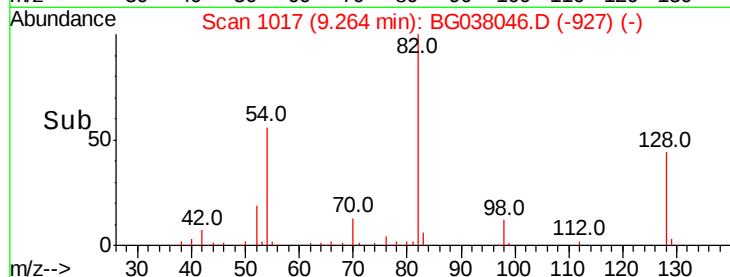
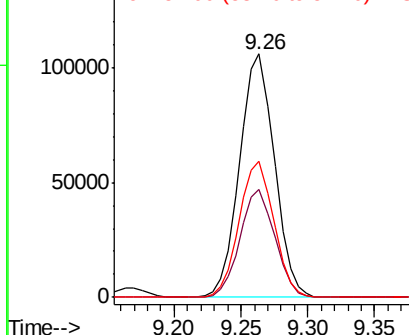
Tot Ion	Ratio	Resp	Lower	Upper
82	100	192299		
128	44.3	34.6	51.8	
54	55.9	45.3	67.9	

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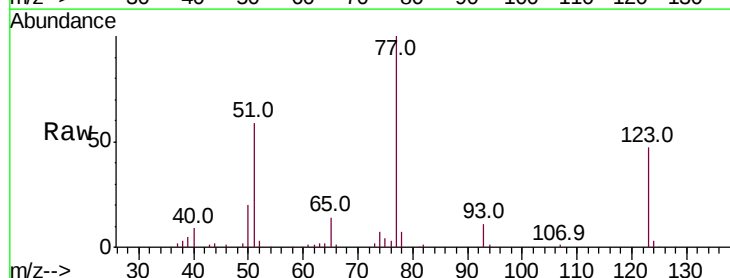


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

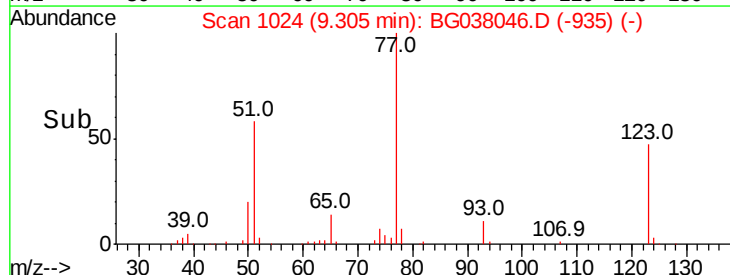
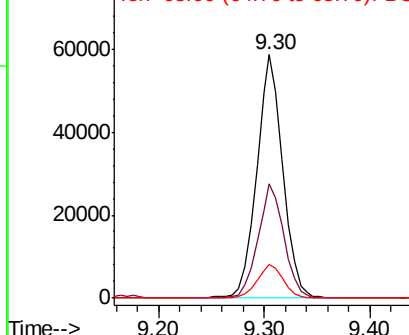


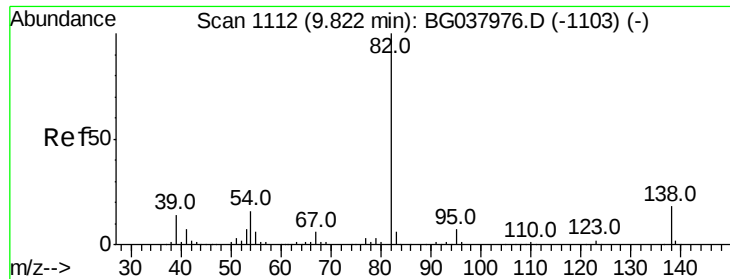
#24
Nitrobenzene
Concen: 28.737 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	100327		
123	47.2	33.6	50.4	
65	13.8	11.3	16.9	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 30.755 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

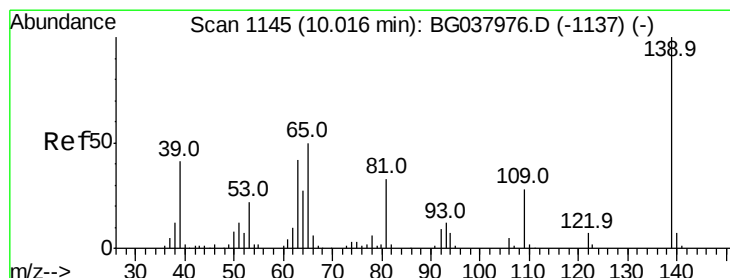
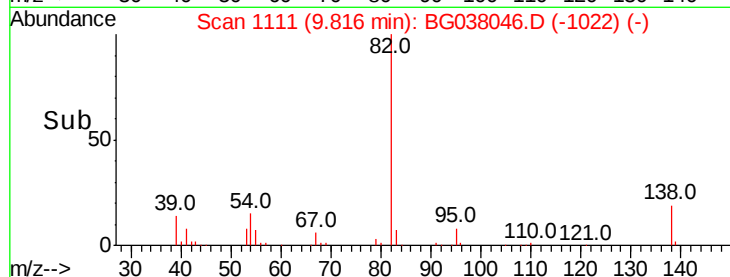
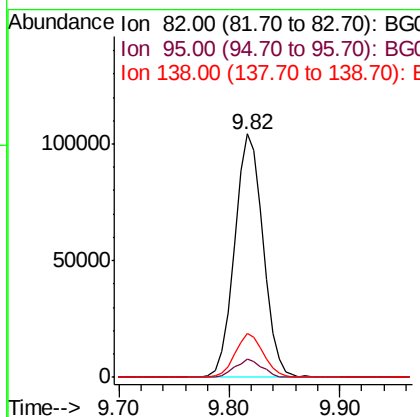
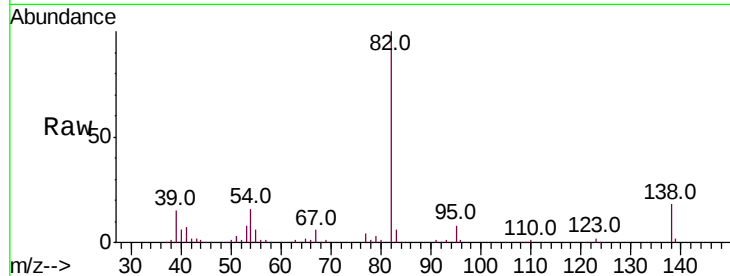
ClientSampleId :

PB114891BS

Tot Ion:	82	Resp:	188923
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.3	7.9
138	18.1	13.3	19.9

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#26

2-Nitrophenol

Concen: 27.077 ng

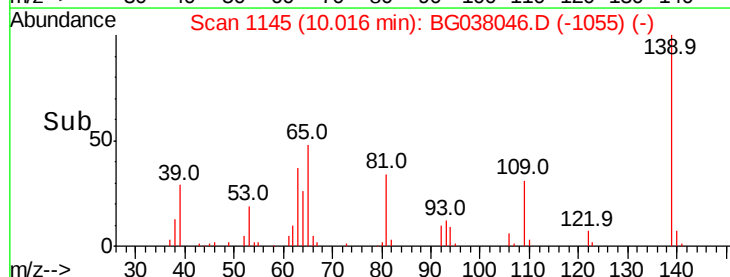
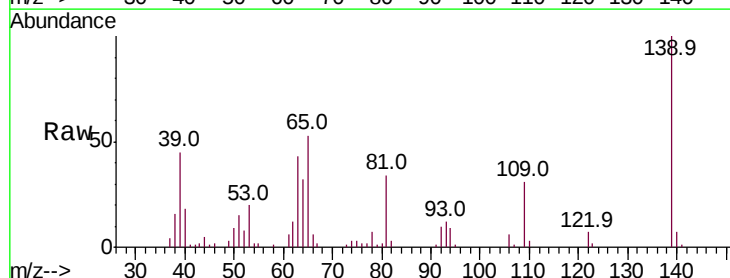
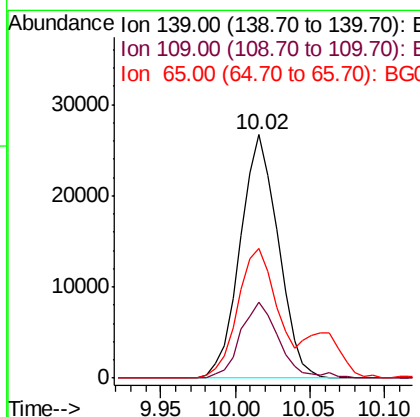
RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	139	Resp:	47194
Ion Ratio	Lower	Upper	
139	100		
109	31.0	23.3	34.9
65	53.2	39.8	59.8





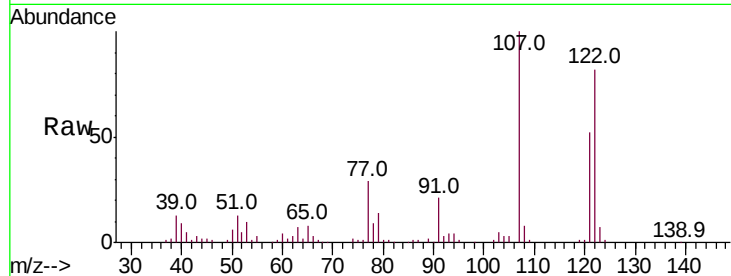
#27
2,4-Dimethylphenol
Concen: 34.750 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	94.2	141.2
121	63.6	47.3	70.9

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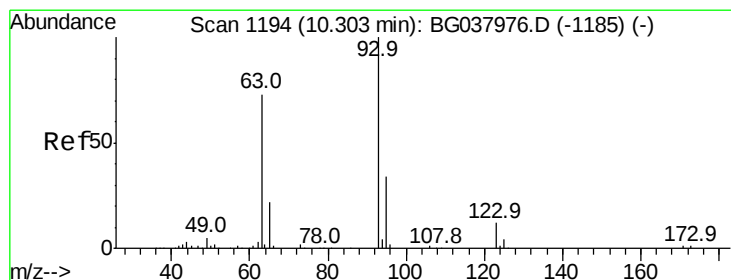
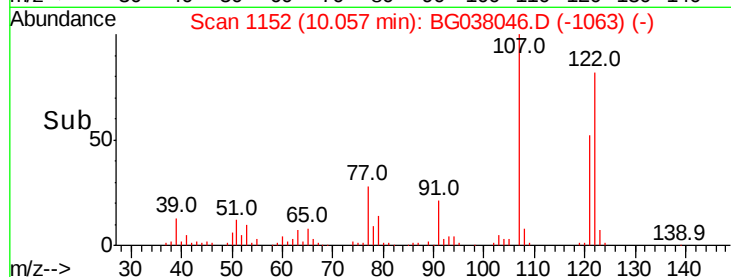
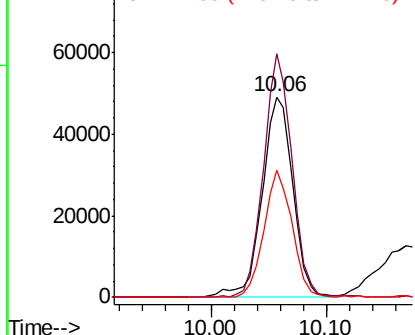


Abundance

Ion 122.00 (121.70 to 122.70): E

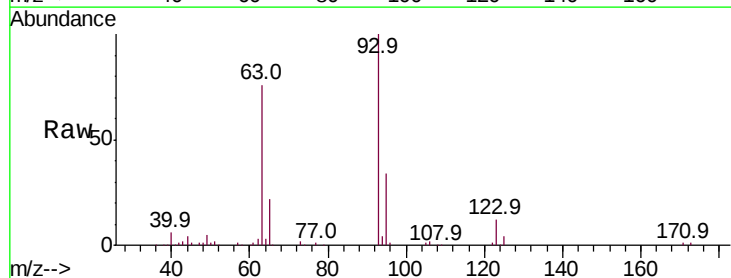
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 30.100 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.6	37.0
123	11.8	9.1	13.7

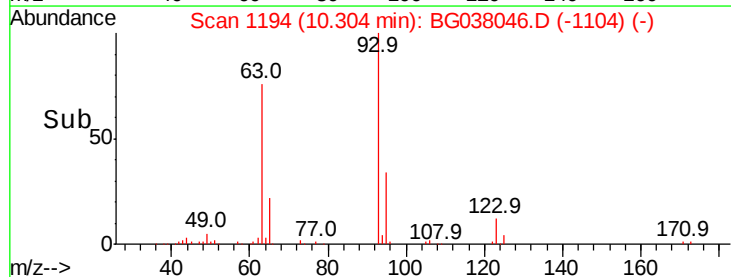
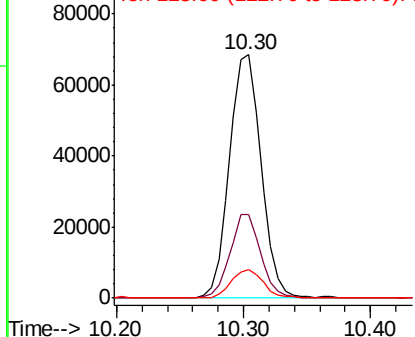


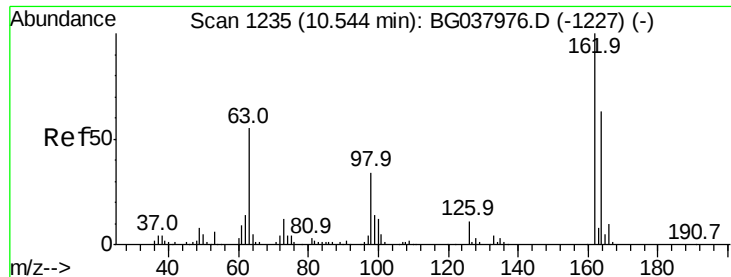
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





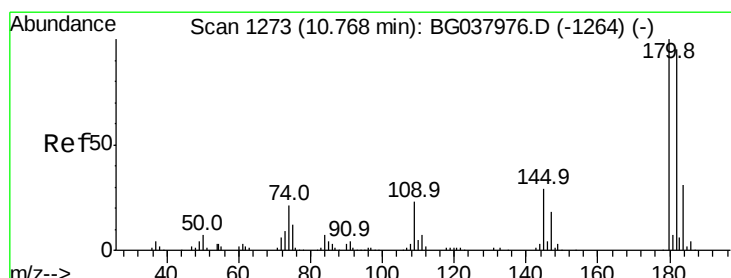
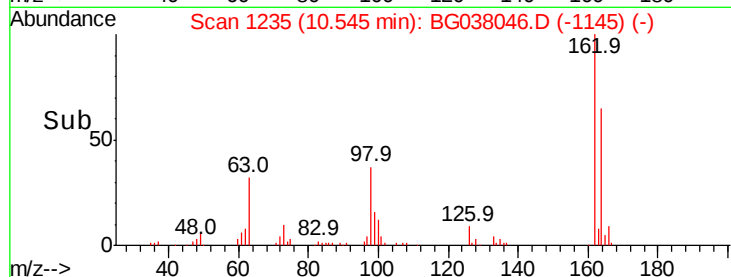
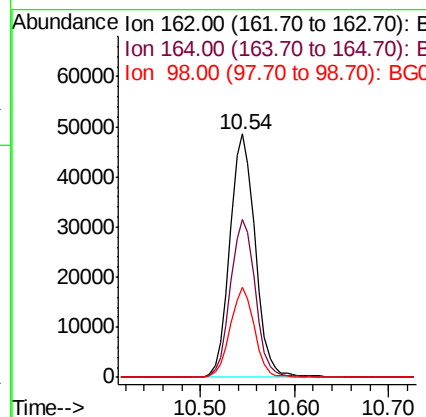
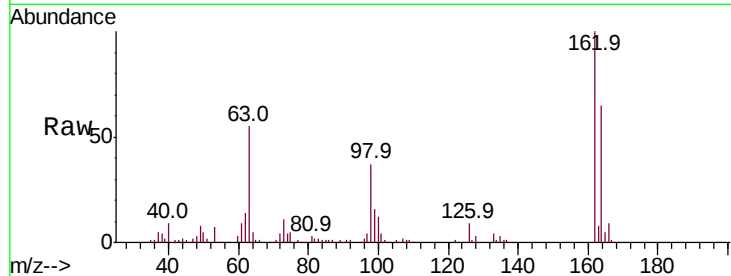
#29
2,4-Dichlorophenol
Concen: 30.712 ng
RT: 10.54 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	43.2	83.2	
98	36.9	16.0	56.0	

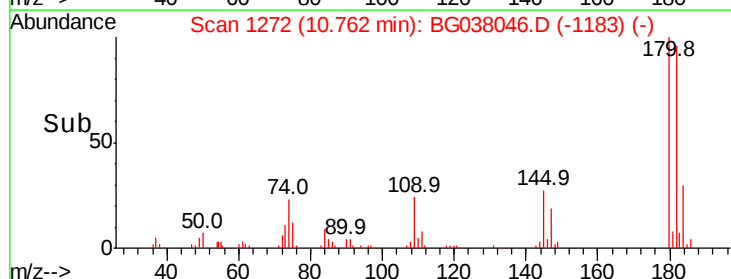
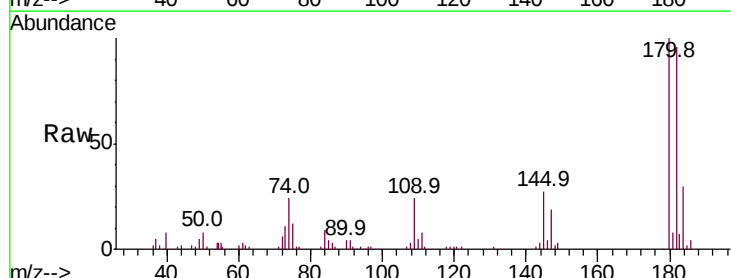
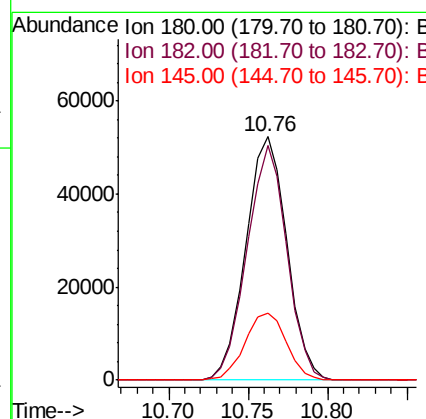
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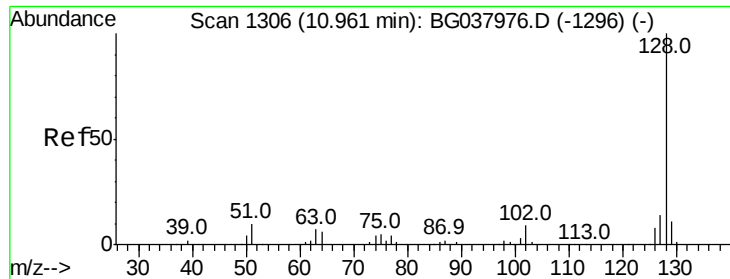
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#30
1,2,4-Trichlorobenzene
Concen: 28.357 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	77.7	116.5	
145	27.4	23.3	34.9	





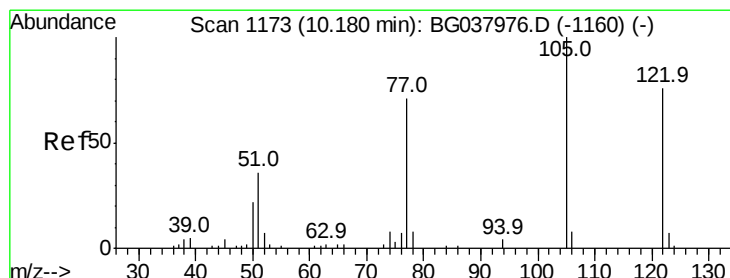
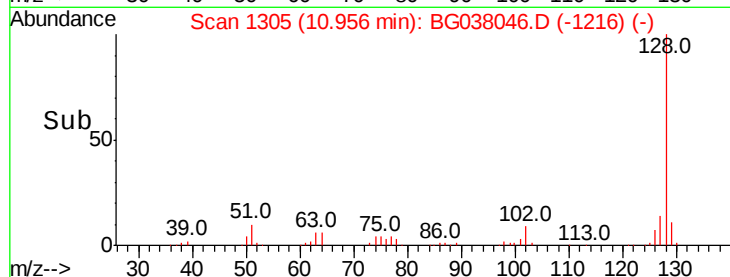
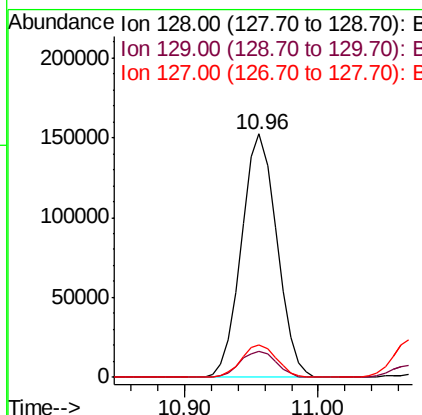
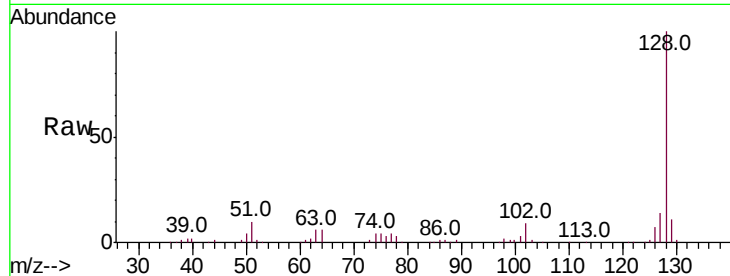
#31
Naphthalene
Concen: 31.095 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.5	11.1	16.7

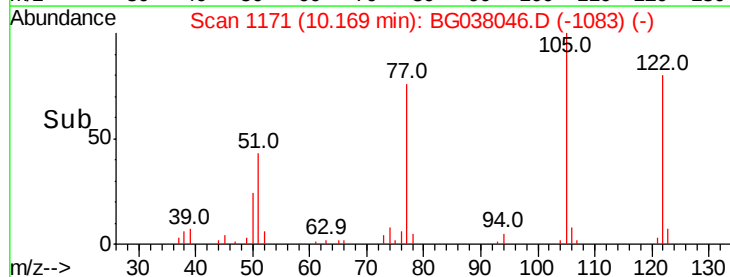
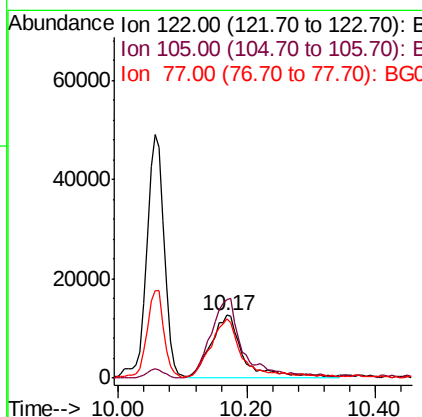
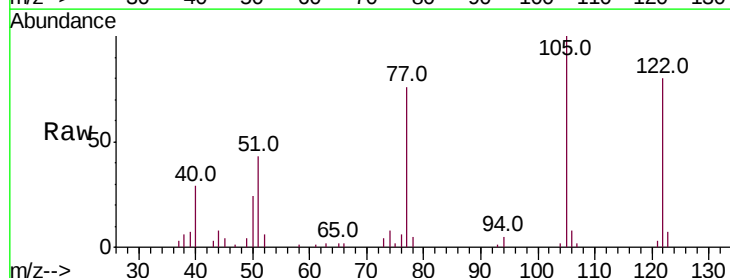
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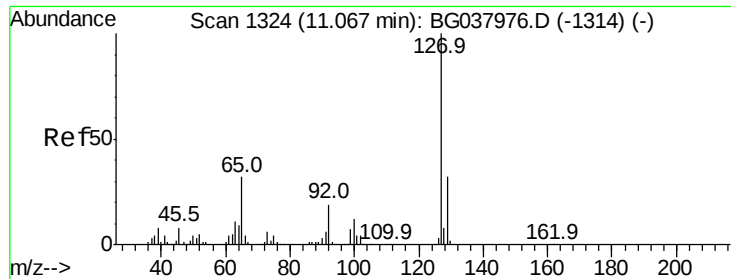
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#32
Benzoic acid
Concen: 31.221 ng m
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.7	146.7
77	95.0	72.2	112.2





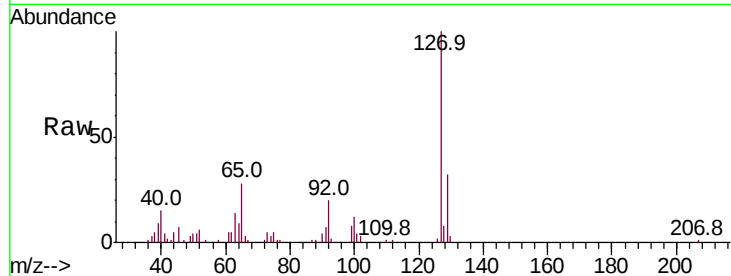
#33
4-Chloroaniline
Concen: 11.010 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

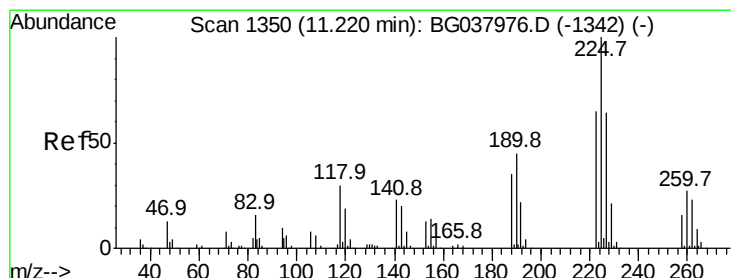
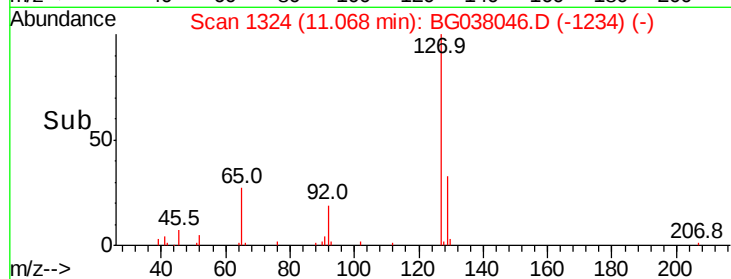
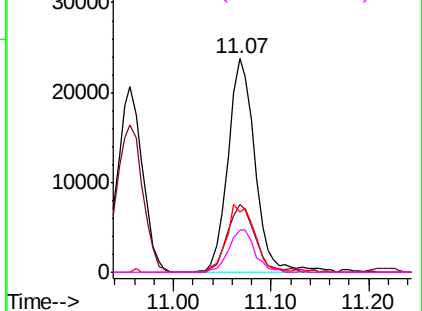
Tot Ion:	127	Resp:	46022
Ion Ratio	Lower	Upper	
127	100		
129	31.6	27.1	40.7
65	28.3	26.6	39.8
92	19.7	16.4	24.6

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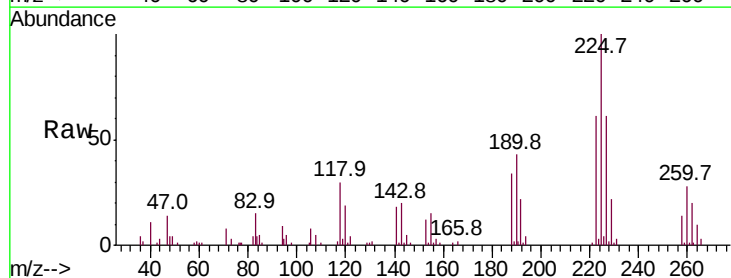


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

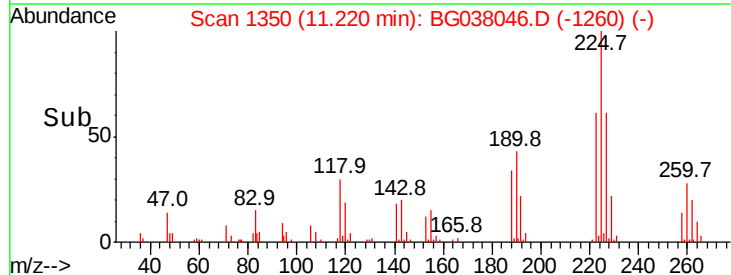
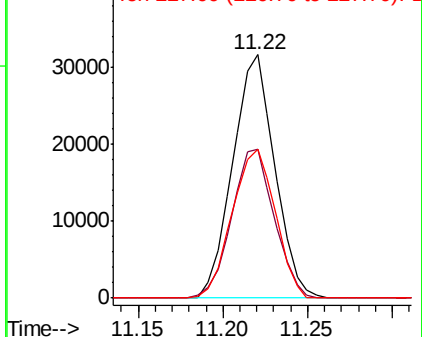


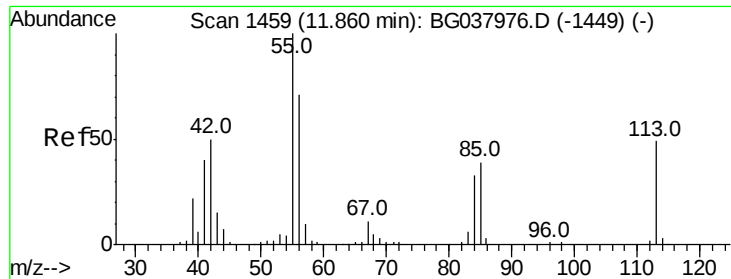
#34
Hexachlorobutadiene
Concen: 26.900 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion:	225	Resp:	54799
Ion Ratio	Lower	Upper	
225	100		
223	58.5	48.2	72.4
227	58.5	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: 26.392 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

ClientSampleId :

PB114891BS

Tot Ion:113 Resp: 31204

Ion Ratio Lower Upper

113 100

55 224.4 176.6 216.6#

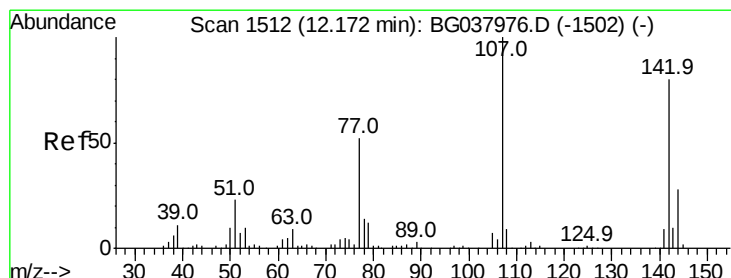
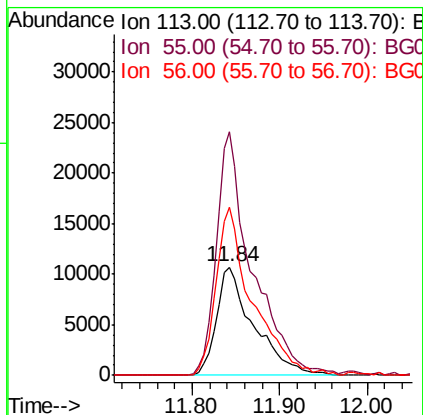
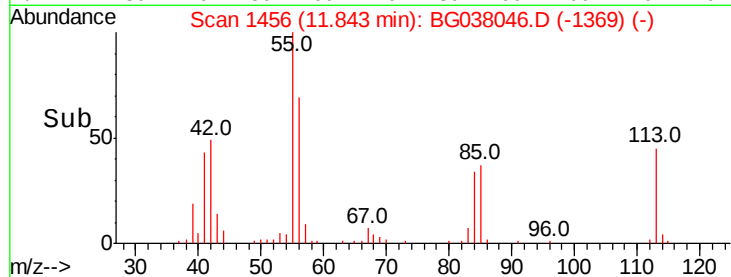
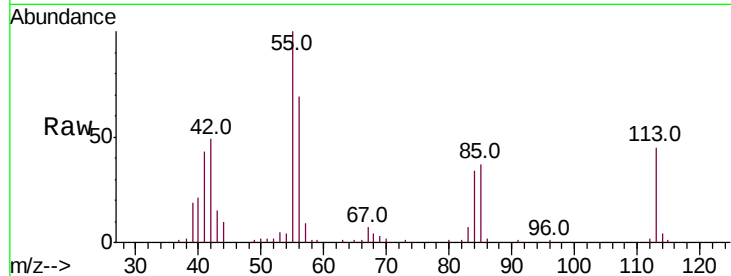
56 155.5 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 30.178 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

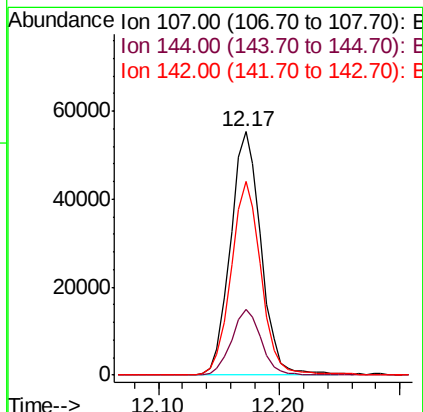
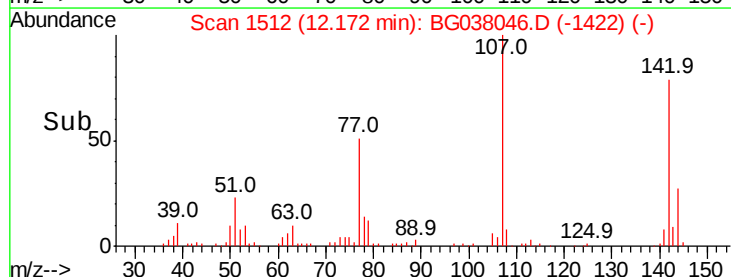
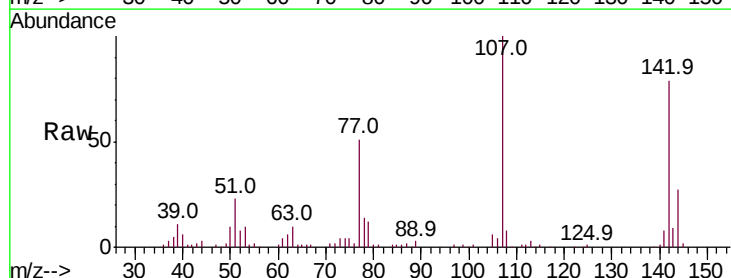
Tgt Ion:107 Resp: 97384

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

142 79.5 64.4 96.6





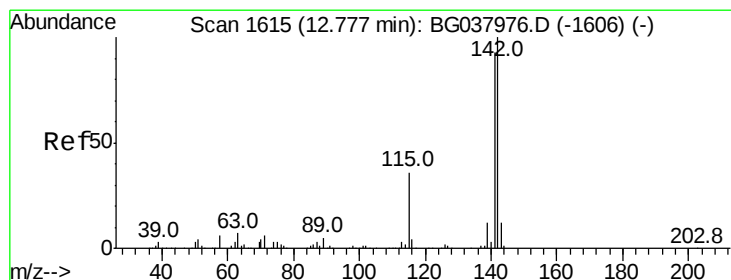
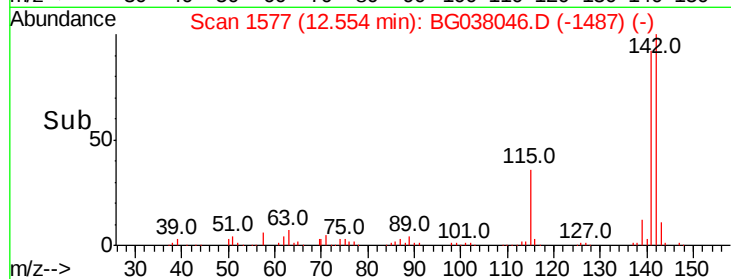
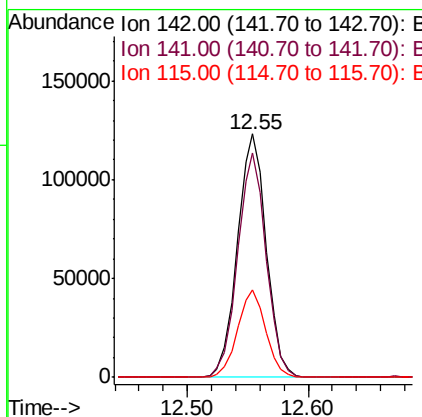
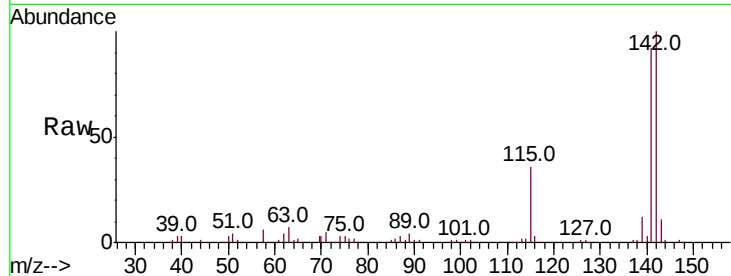
#37
2-Methylnaphthalene
Concen: 31.587 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
115	36.0	27.8	41.8

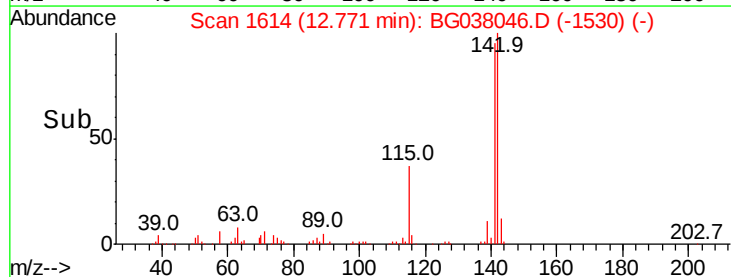
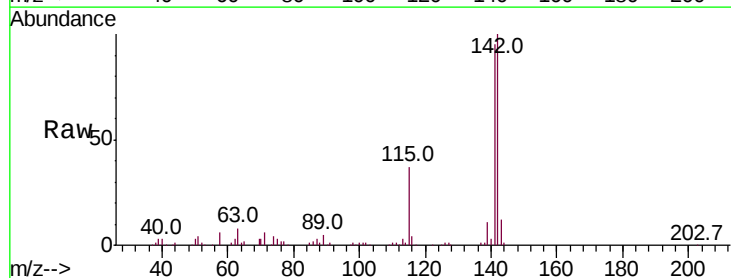
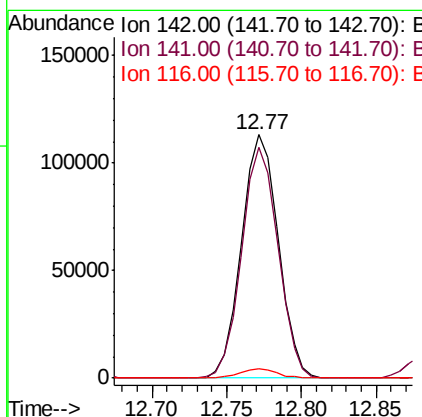
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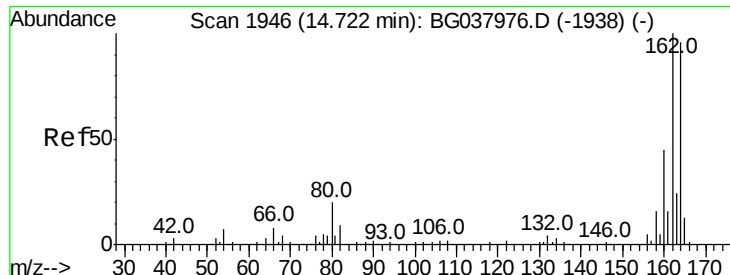
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#38
1-Methylnaphthalene
Concen: 31.064 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.2	112.8
116	4.1	3.3	4.9





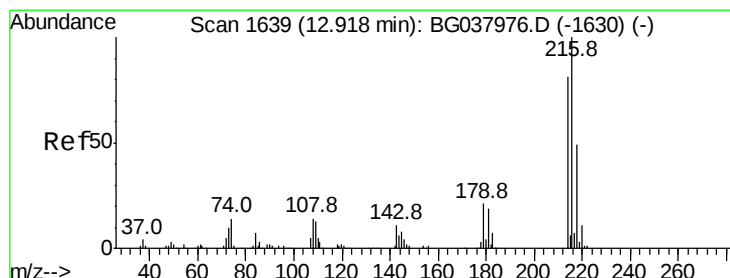
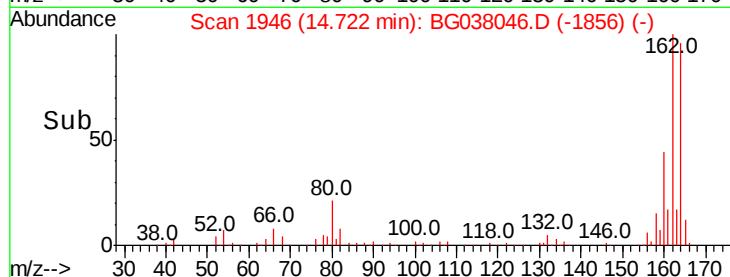
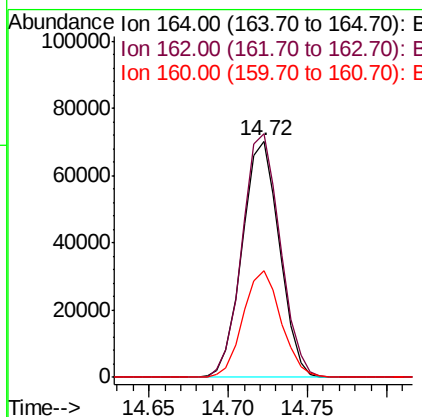
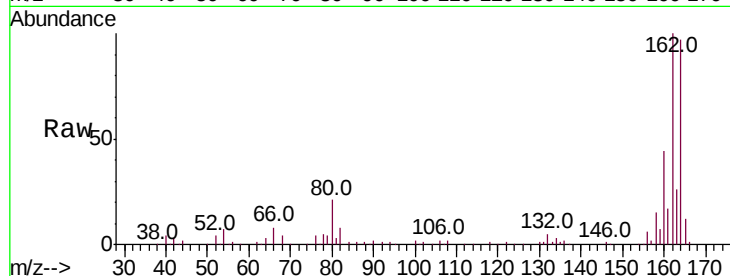
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	45.4	36.3	54.5

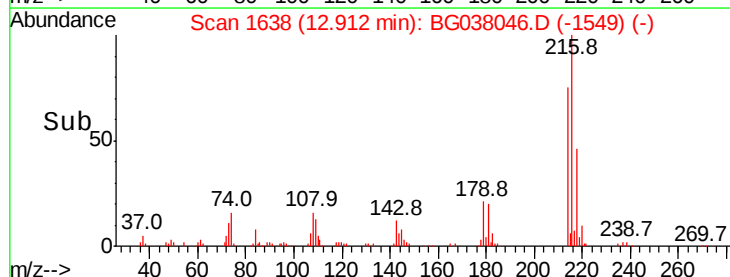
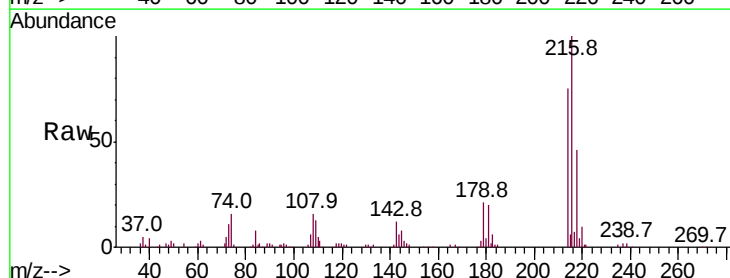
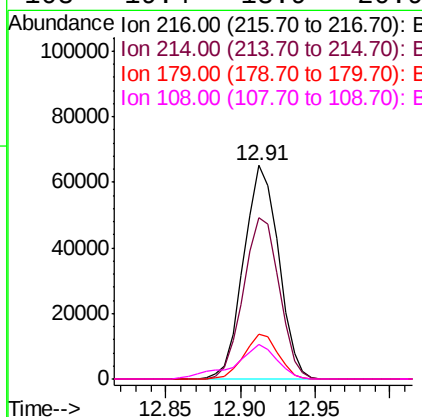
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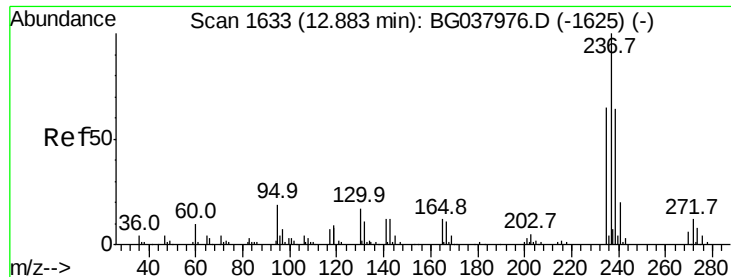
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.538 ng
 RT: 12.91 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.6
179	20.4	17.4	26.0
108	19.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 64.566 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

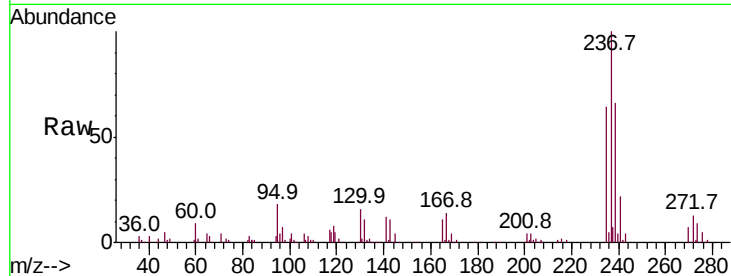
ClientSampleId :

PB114891BS

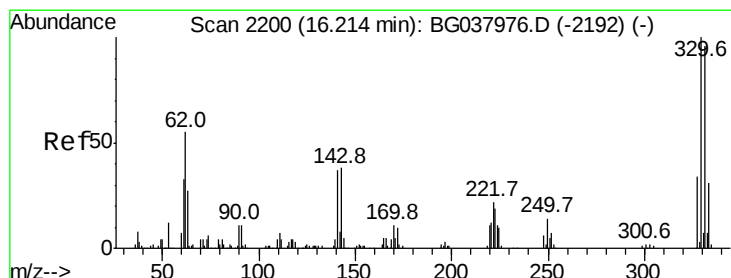
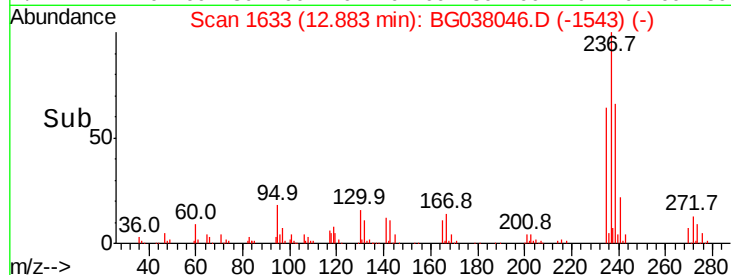
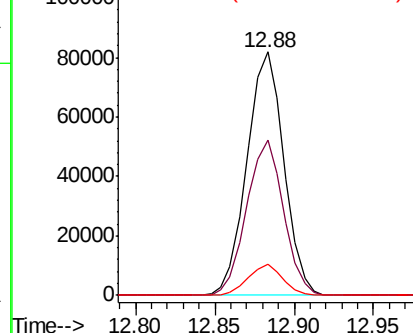
Tot Ion:	237	Resp:	132476
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	12.7	0.0	31.6

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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: 80.527 ng

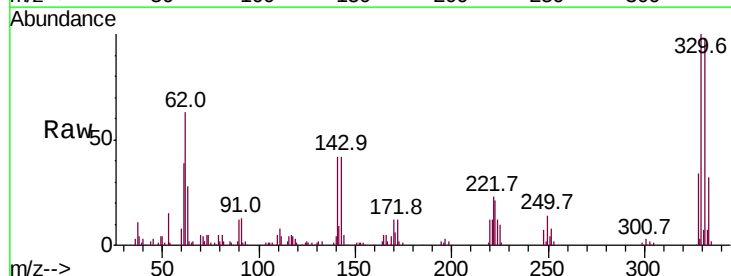
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

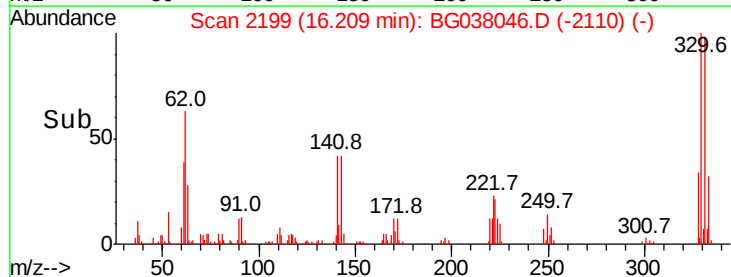
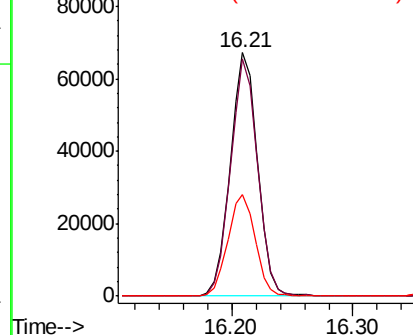
Lab File: BG038046.D

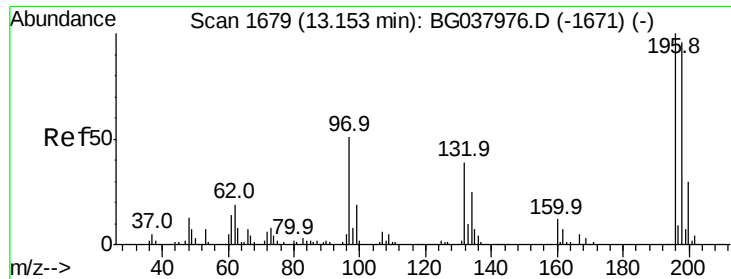
Acq: 16 Nov 2018 23:13

Tgt Ion:	330	Resp:	105311
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.4	117.6
141	42.0	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





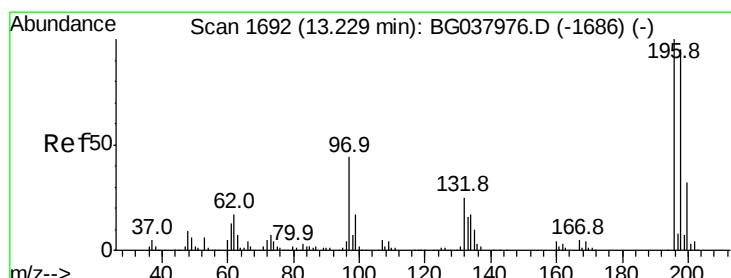
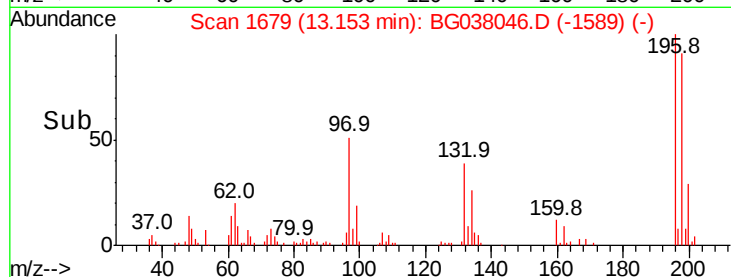
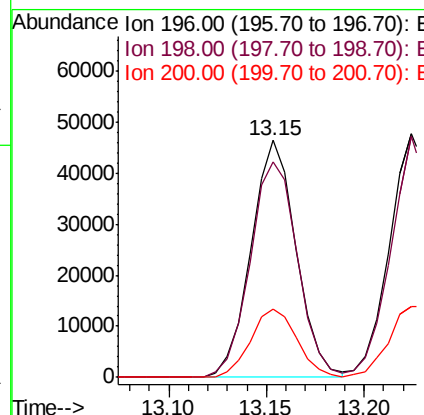
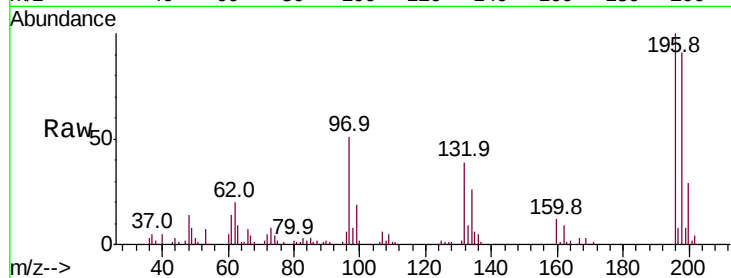
#43
 2,4,6-Trichlorophenol
 Concen: 28.332 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	76.4	114.6
200	28.9	24.9	37.3

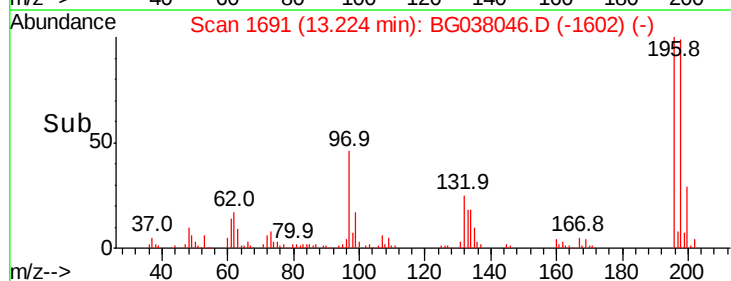
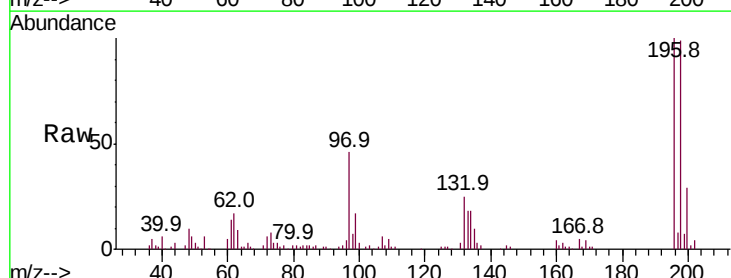
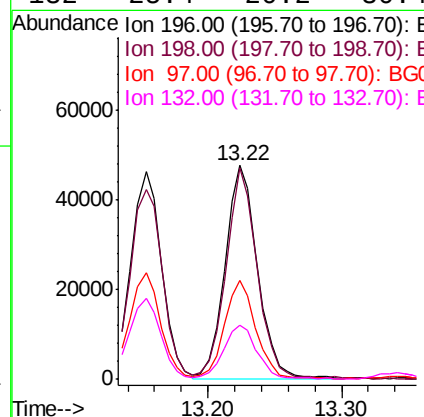
Manual Integrations
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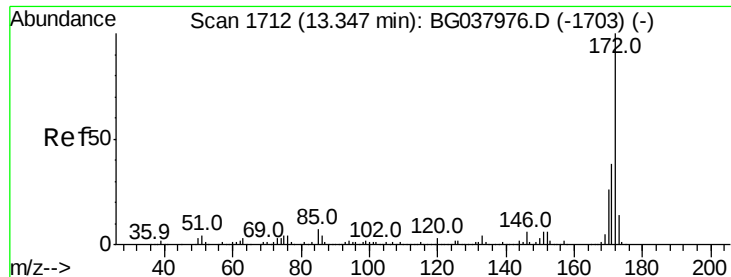
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 29.613 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	74.2	111.2
97	46.1	34.1	51.1
132	25.4	20.2	30.4





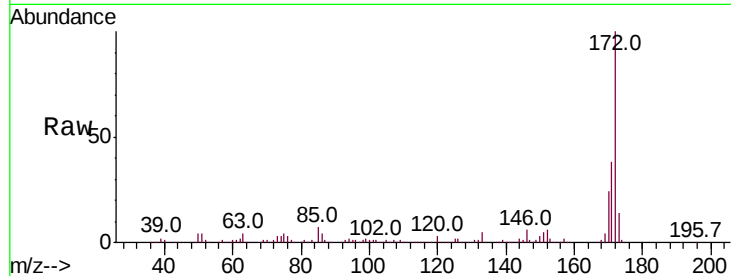
#45
2-Fluorobiphenyl
Concen: 55.682 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.7	31.0	46.4	
170	24.3	20.2	30.2	

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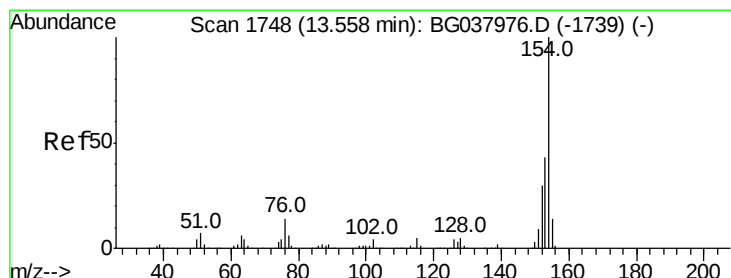
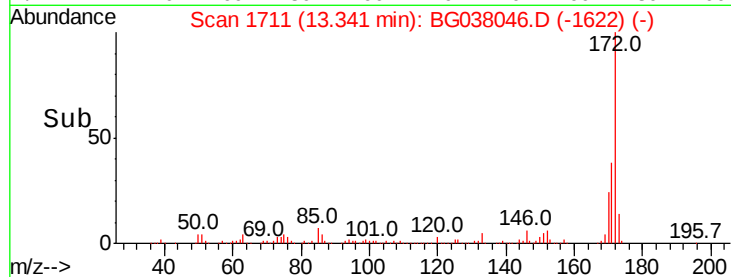
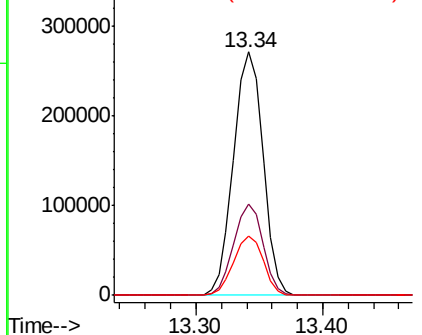


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 27.458 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

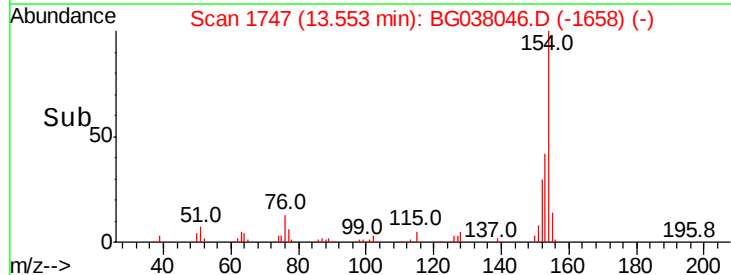
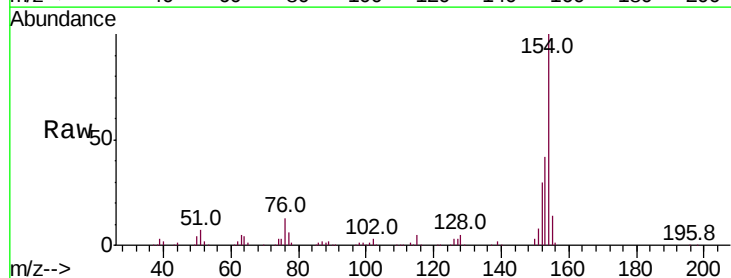
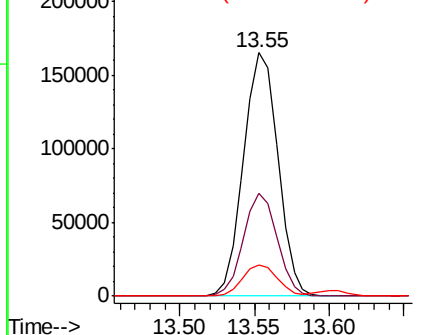
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.2	22.1	62.1	
76	12.7	0.0	33.2	

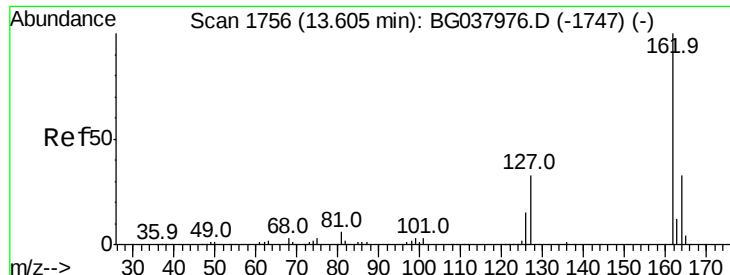
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





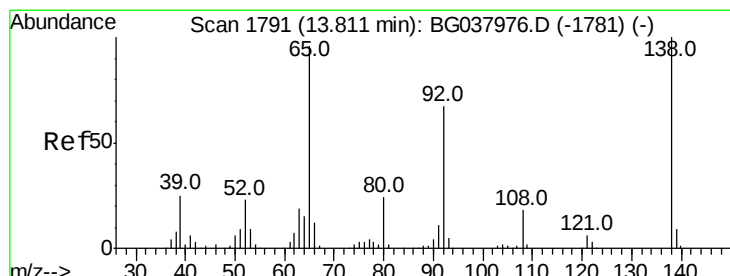
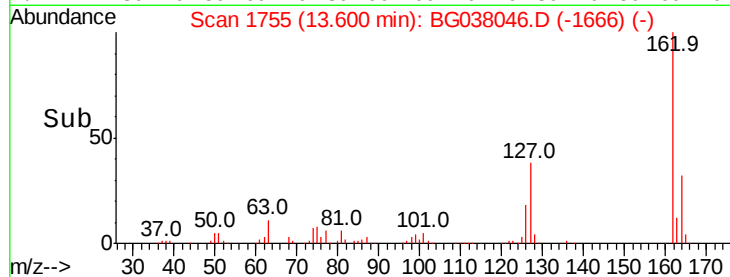
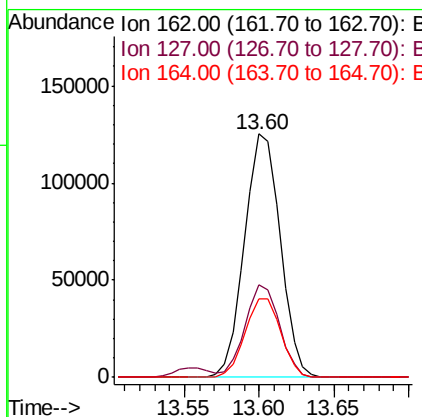
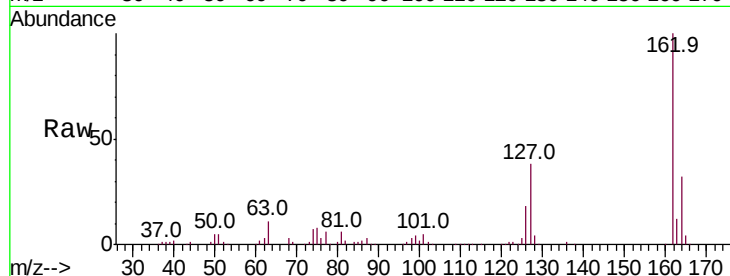
#47
 2-Chloronaphthalene
 Concen: 28.295 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:	162	Resp:	207999
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.5	45.7
164	32.4	26.4	39.6

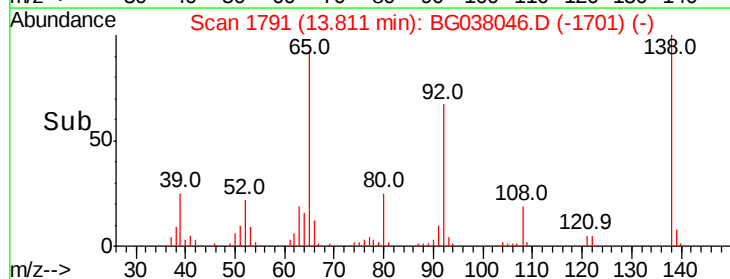
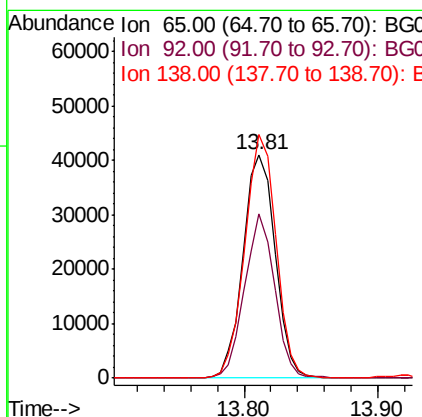
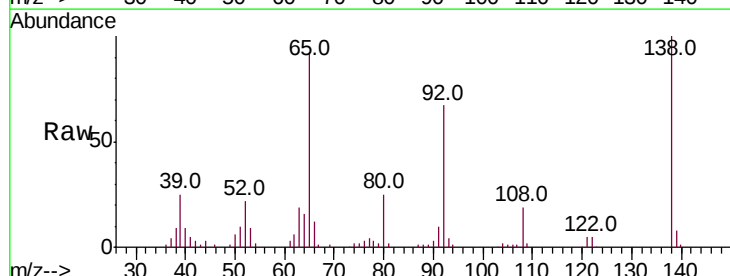
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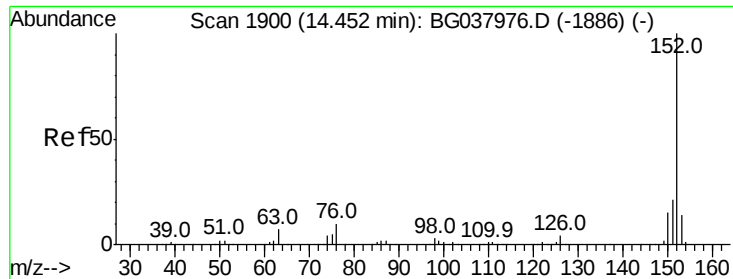
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#48
 2-Nitroaniline
 Concen: 29.541 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion:	65	Resp:	68347
Ion Ratio	Lower	Upper	
65	100		
92	73.2	53.2	79.8
138	108.9	79.3	118.9





#49

Acenaphthylene

Concen: 31.439 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

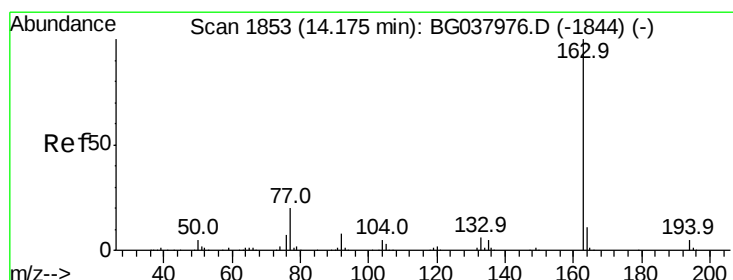
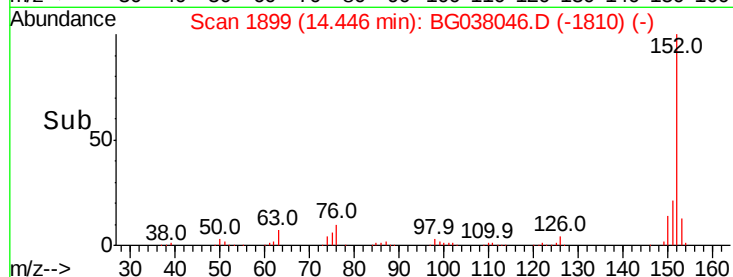
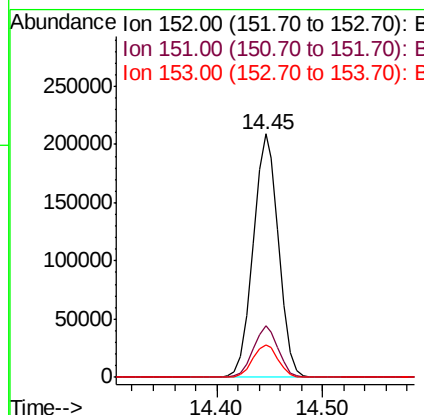
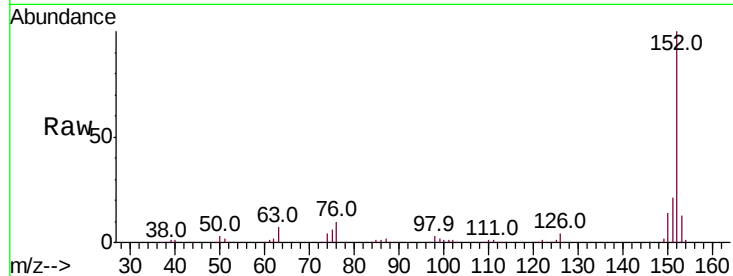
ClientSampleId :

PB114891BS

Tot Ion:	152	Resp:	347547
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	13.4	11.1	16.7

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#50

Dimethylphthalate

Concen: 28.972 ng

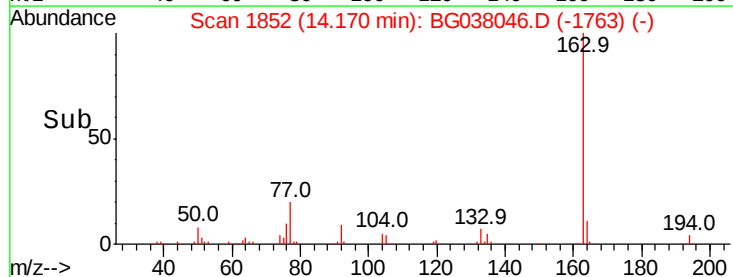
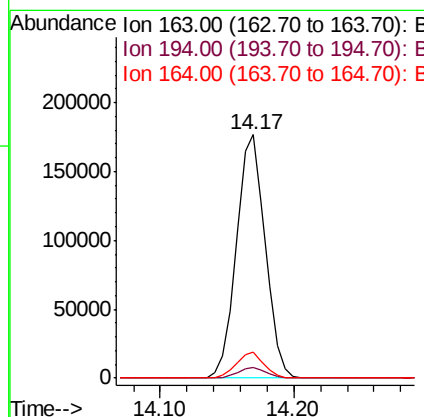
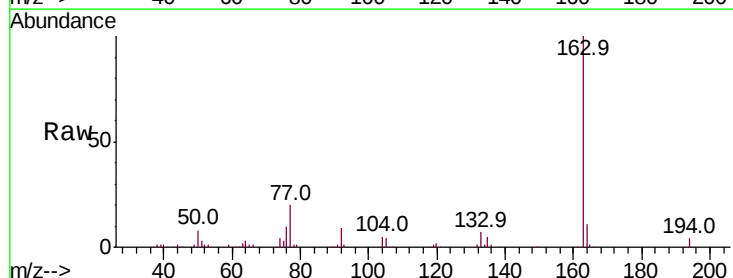
RT: 14.17 min Scan# 1852

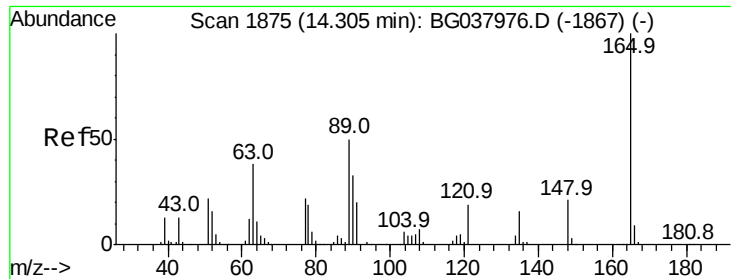
Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	163	Resp:	263373
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.6	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 29.295 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

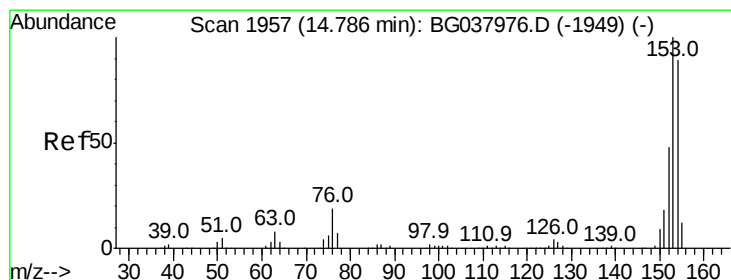
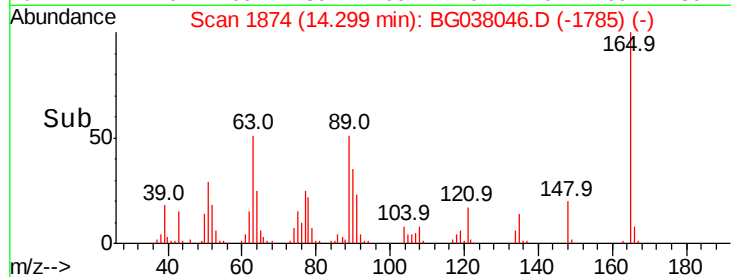
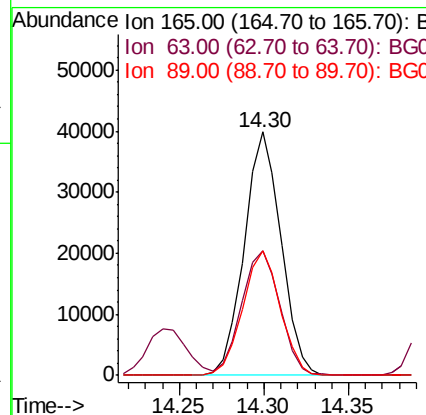
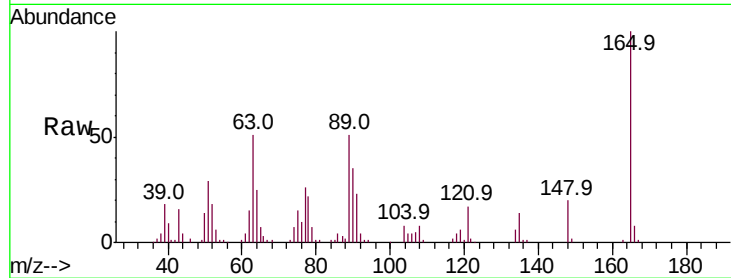
ClientSampleId :

PB114891BS

Tot Ion:	165	Resp:	60273
Ion Ratio	Lower	Upper	
165	100		
63	51.3	43.4	65.2
89	51.3	45.8	68.6

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#52

Acenaphthene

Concen: 29.624 ng

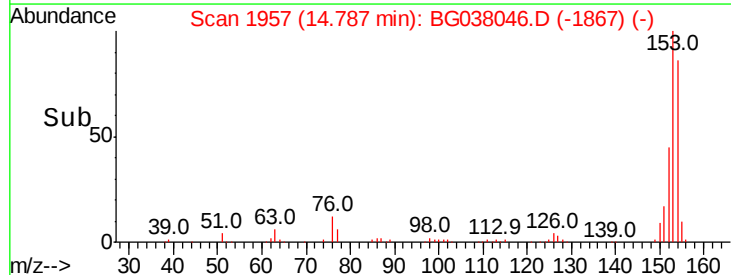
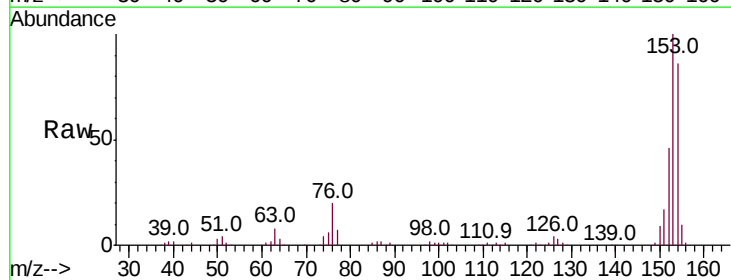
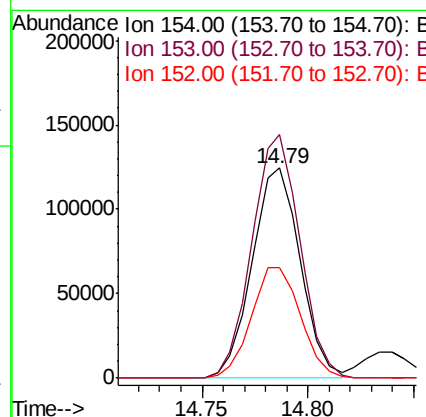
RT: 14.79 min Scan# 1957

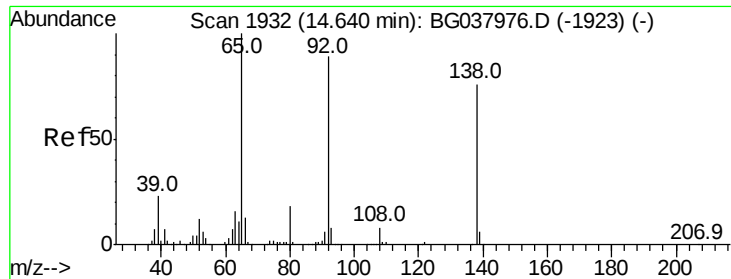
Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	154	Resp:	197149
Ion Ratio	Lower	Upper	
154	100		
153	116.0	93.4	140.0
152	52.8	44.7	67.1





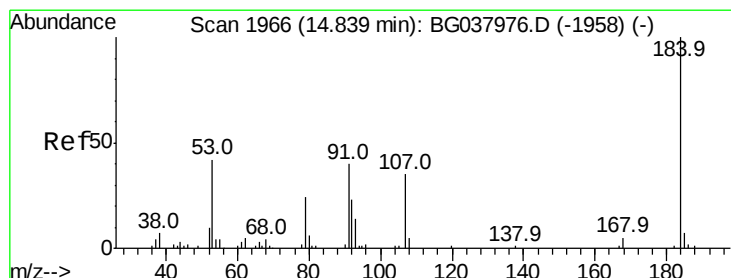
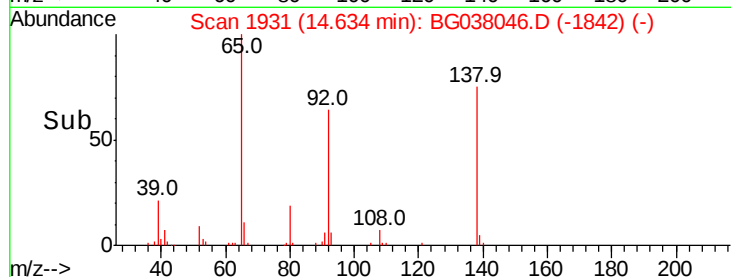
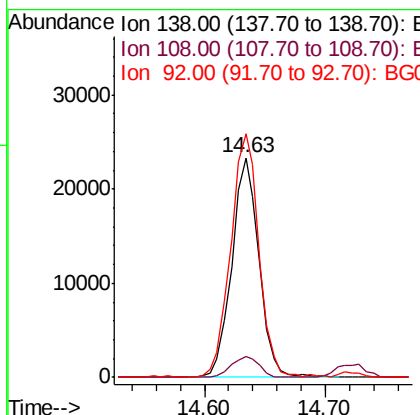
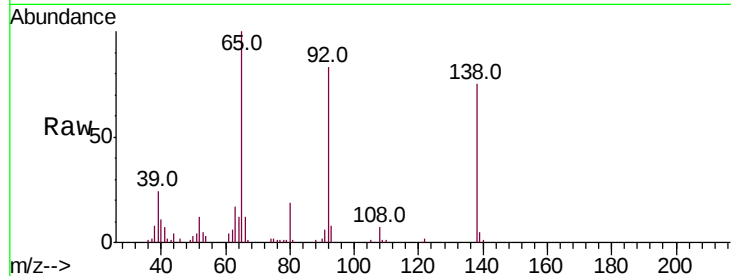
#53
3-Nitroaniline
Concen: 16.073 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:138 Resp: 36490
Ion Ratio Lower Upper
138 100
108 9.6 11.0 16.6#
92 110.9 95.2 142.8

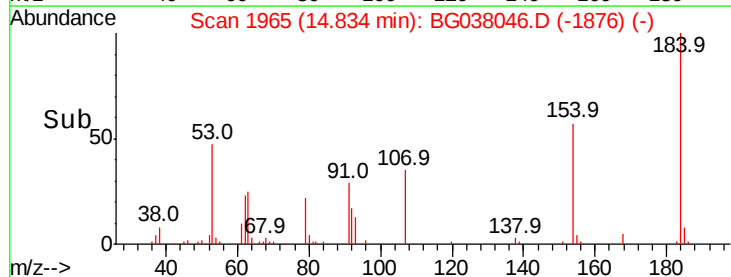
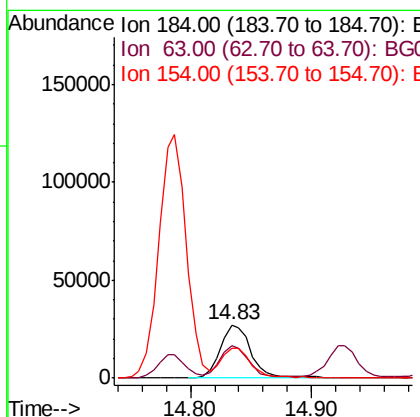
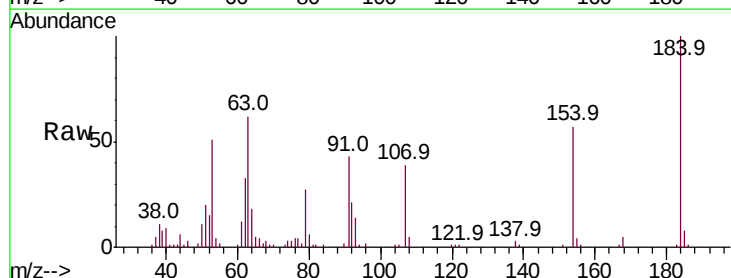
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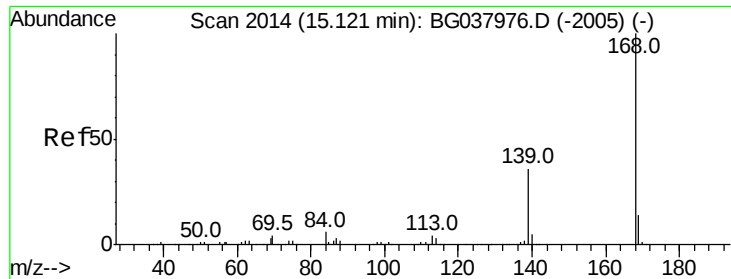
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#54
2,4-Dinitrophenol
Concen: 47.541 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion:184 Resp: 48058
Ion Ratio Lower Upper
184 100
63 61.8 42.6 63.8
154 57.0 41.8 62.6





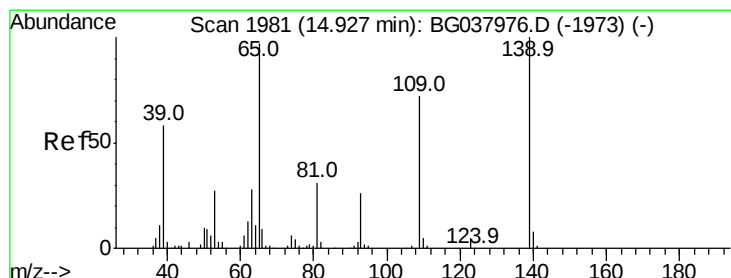
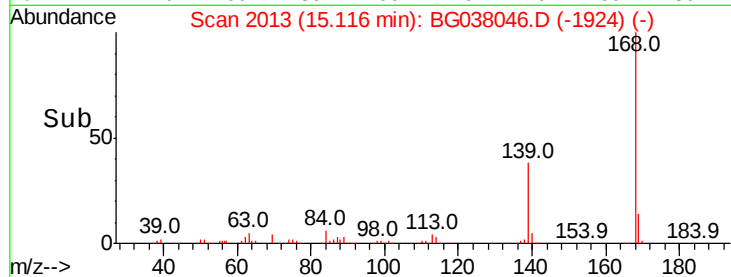
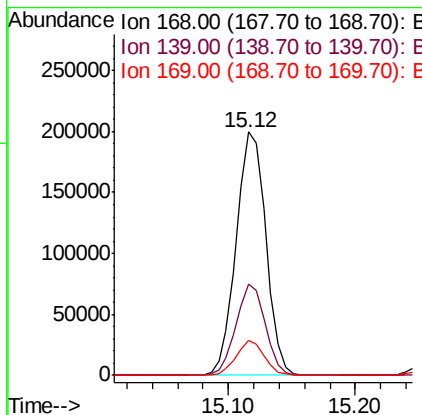
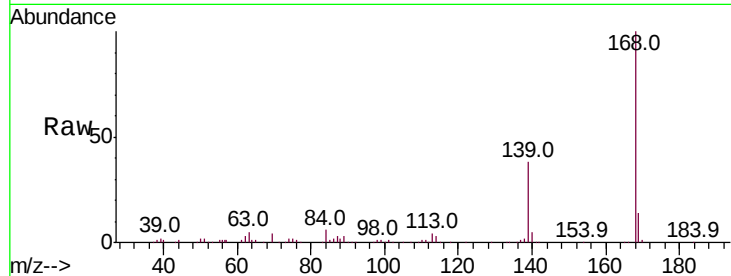
#55
Dibenzofuran
Concen: 29.360 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampled :
PB114891BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	14.1	11.0	16.6

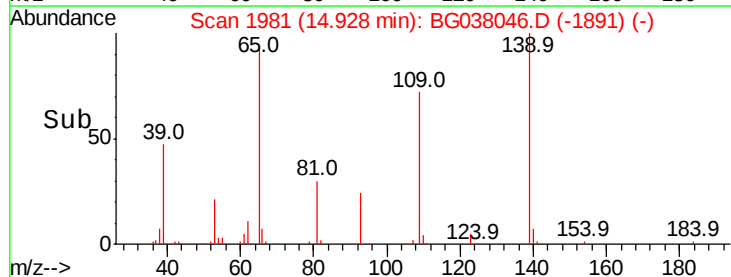
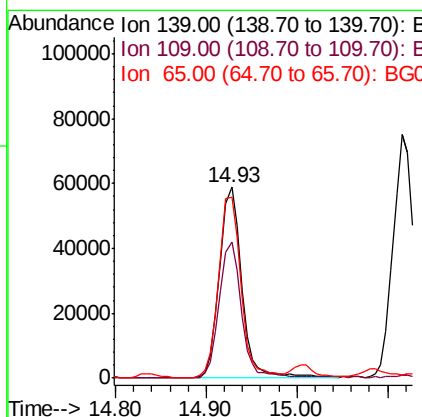
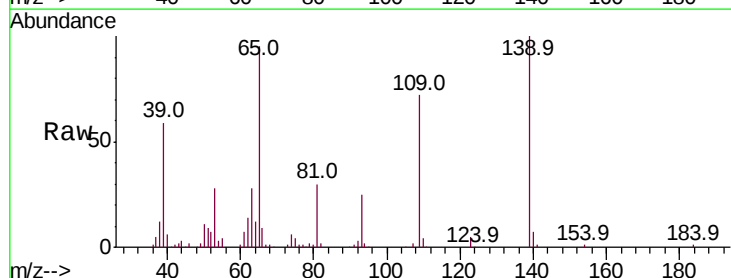
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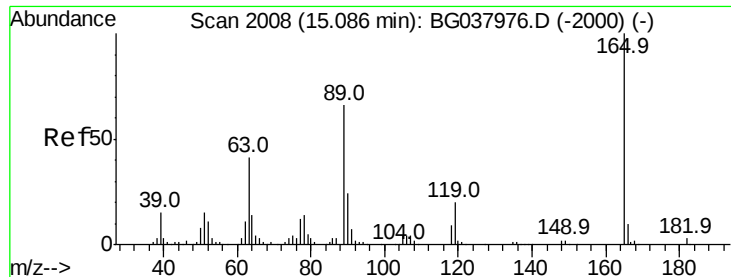
Sohil
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#56
4-Nitrophenol
Concen: 58.141 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	49.5	89.5
65	95.0	76.8	116.8





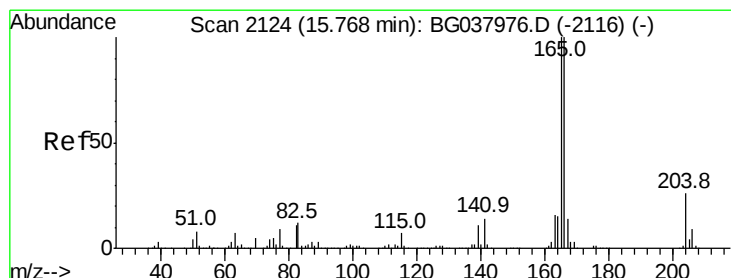
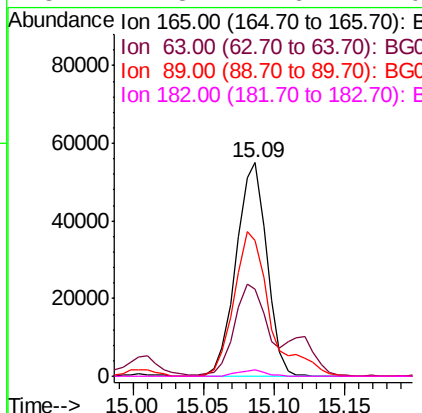
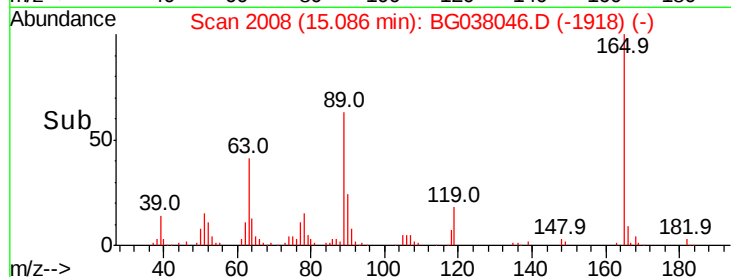
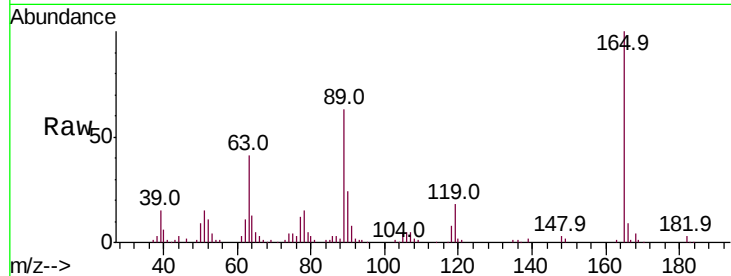
#57
 2,4-Dinitrotoluene
 Concen: 29.835 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	33.4	50.0
89	63.4	57.2	85.8
182	2.8	2.6	4.0

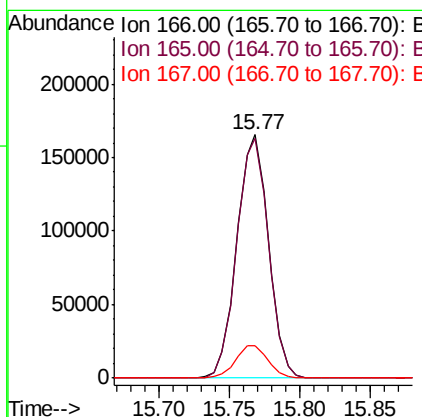
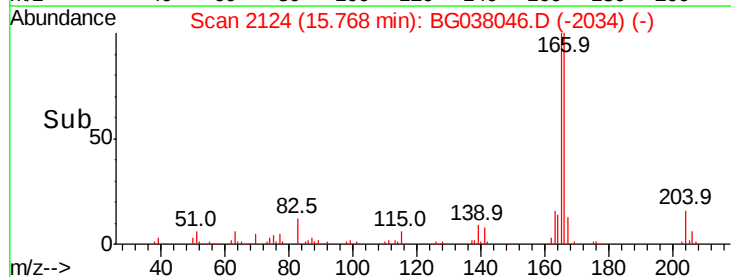
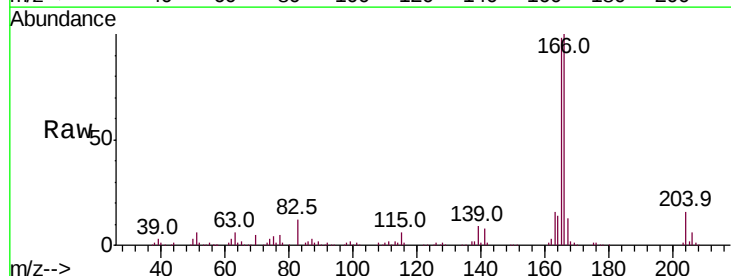
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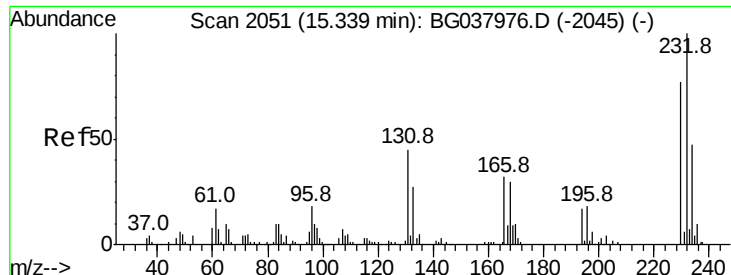
Sohil
 11/19/2018 2:13:46 PM



#58
 Fluorene
 Concen: 31.428 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	13.3	11.3	16.9





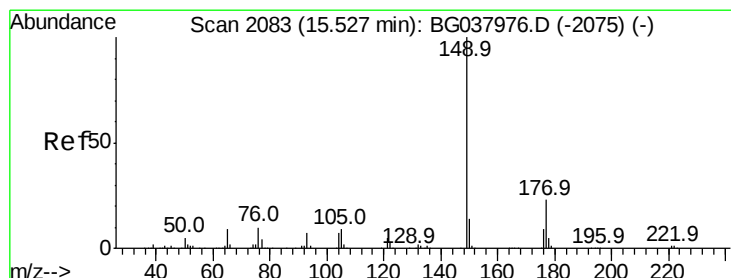
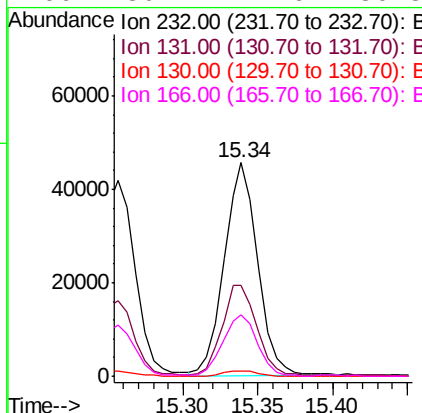
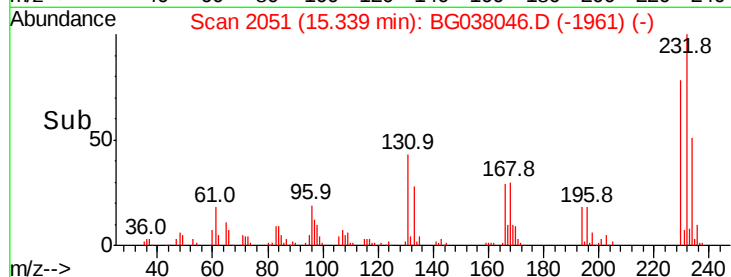
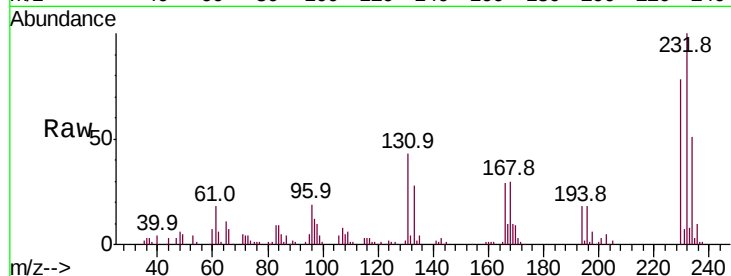
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.796 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	33.7	50.5
130	2.5	2.1	3.1
166	30.2	24.6	36.8

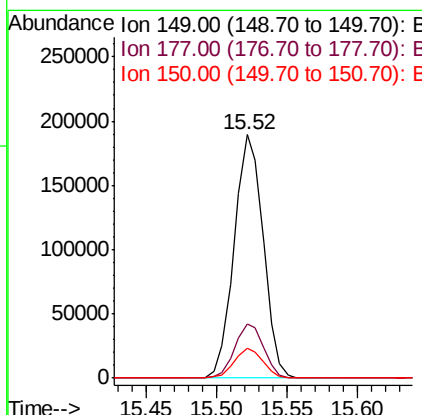
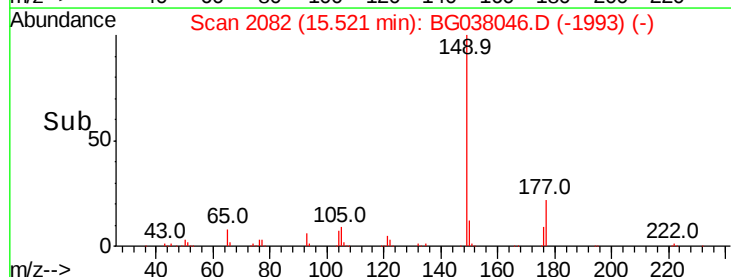
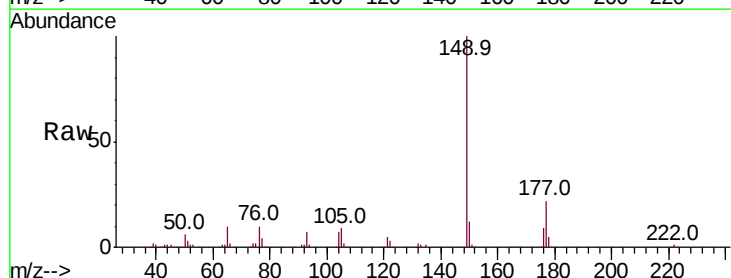
Manual Integrations
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#60
 Diethylphthalate
 Concen: 28.085 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.4	10.0	15.0





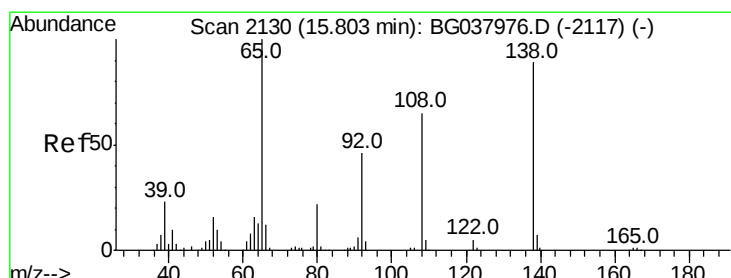
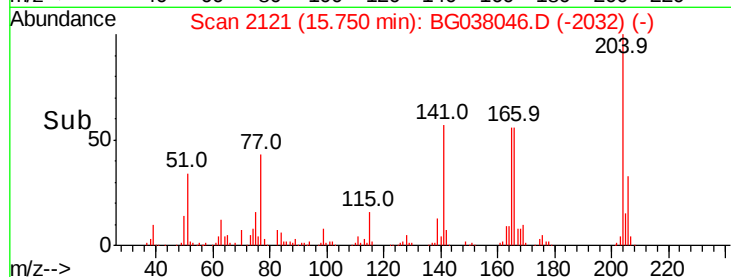
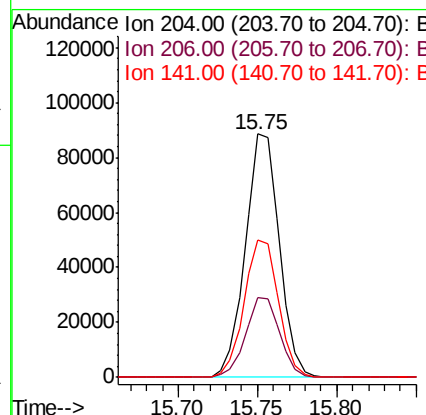
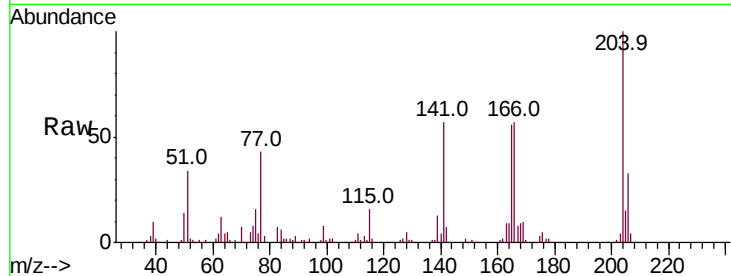
#61
4-Chlorophenyl-phenylether
Concen: 27.337 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampled :
PB114891BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	56.6	45.4	68.2

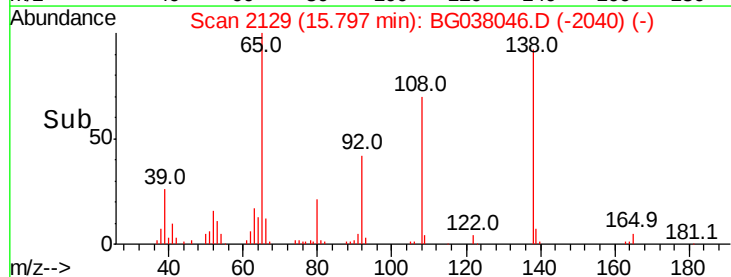
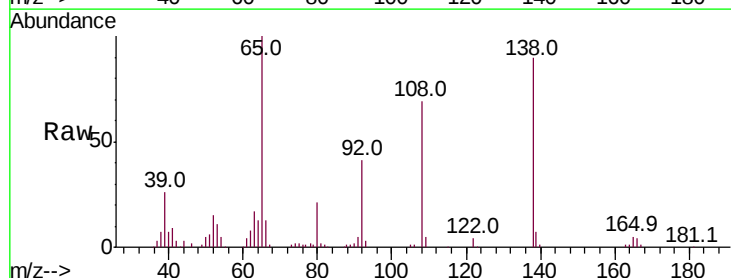
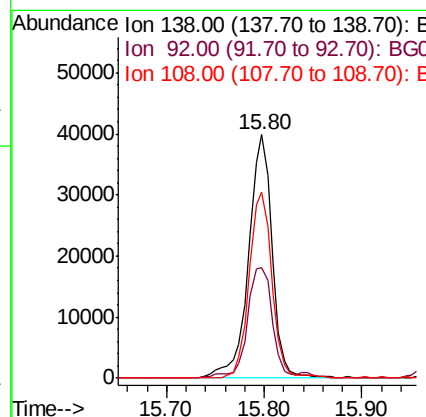
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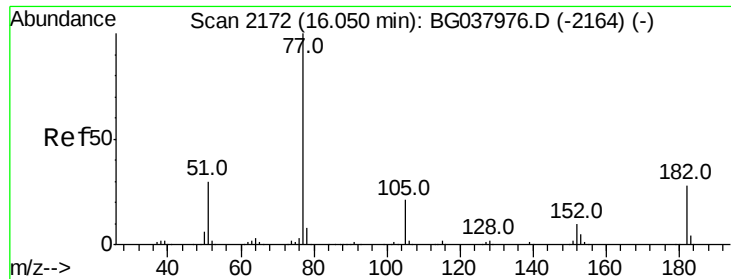
Sohil
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#62
4-Nitroaniline
Concen: 29.835 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	36.4	76.4
108	76.2	60.1	100.1





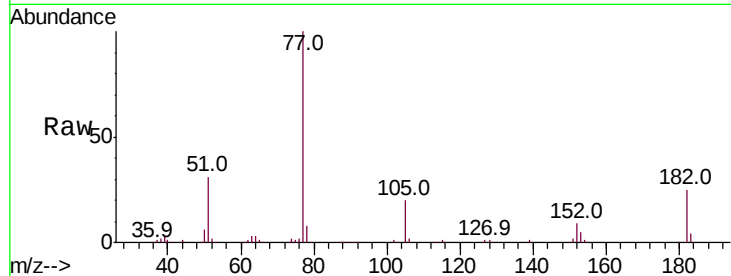
#63
Azobenzene
Concen: 29.457 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	8.0	48.0
105	19.9	1.3	41.3
51	30.9	10.7	50.7

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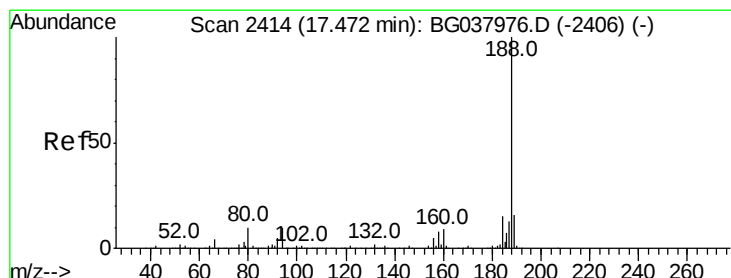
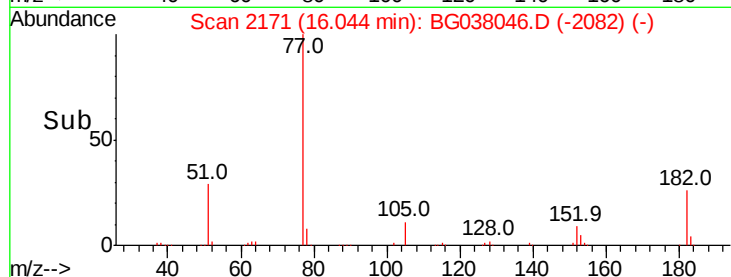
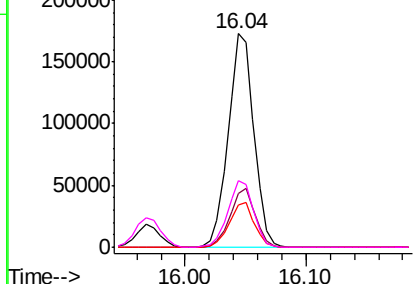
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

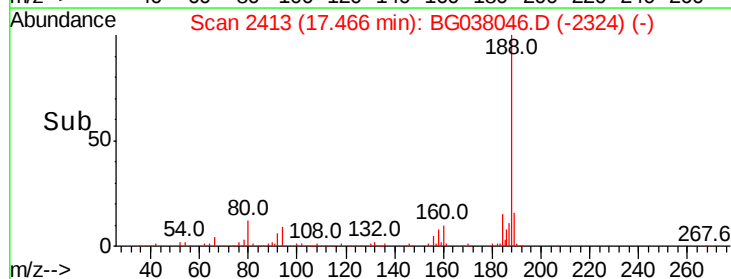
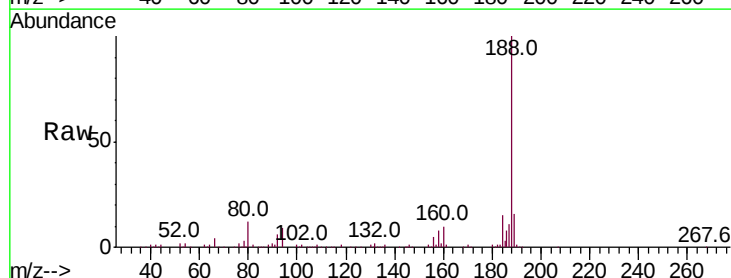
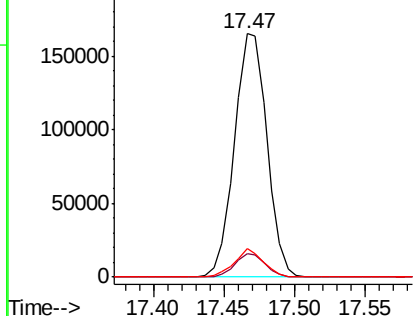
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	11.6	7.7	11.5#

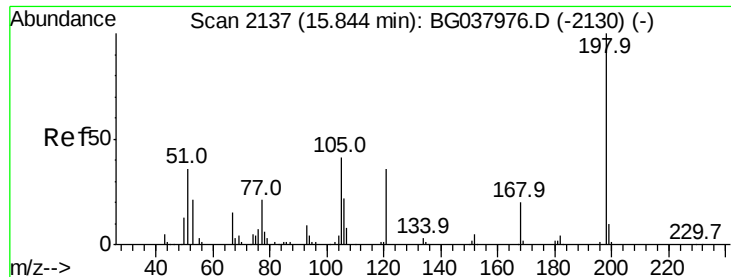
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





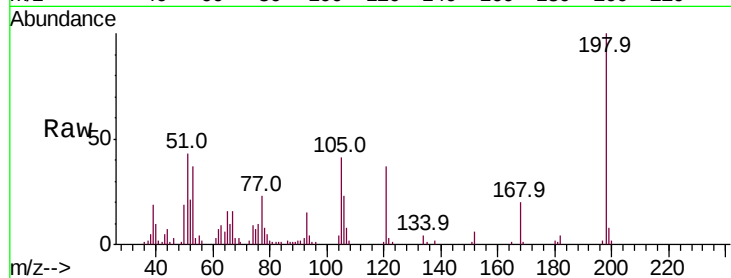
#65
4,6-Dinitro-2-methylphenol
Concen: 25.124 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	22.7	62.7
105	41.3	19.7	59.7

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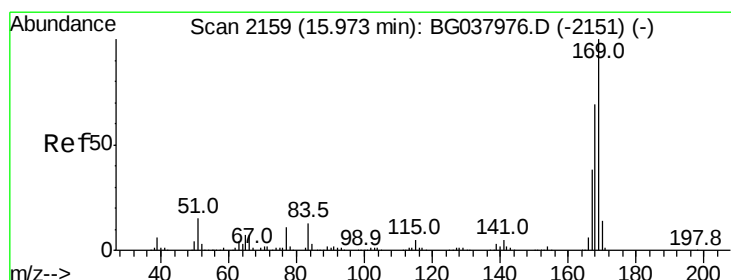
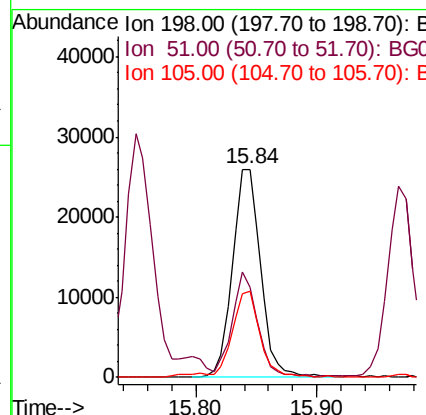
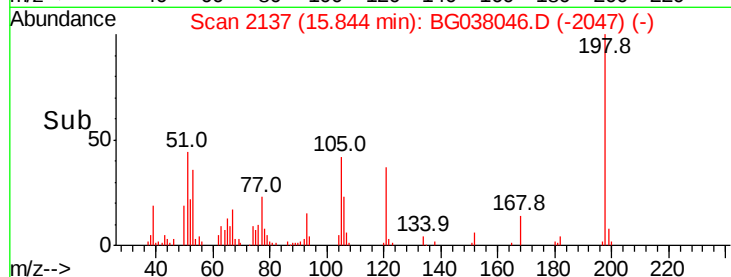


Abundance

Ion 198.00 (197.70 to 198.70): E

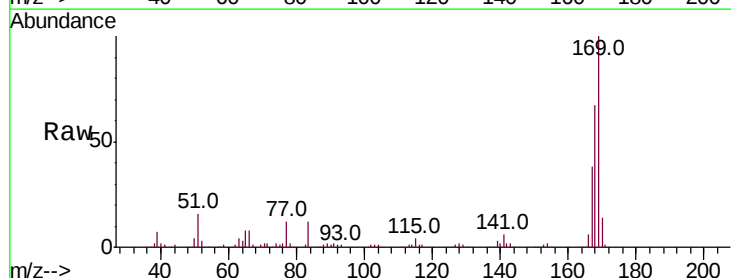
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 28.791 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.7	83.5
167	38.1	31.3	46.9

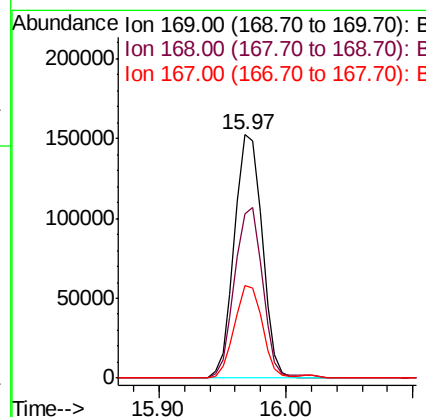
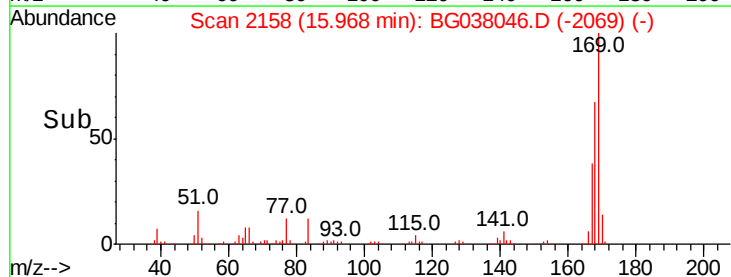


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





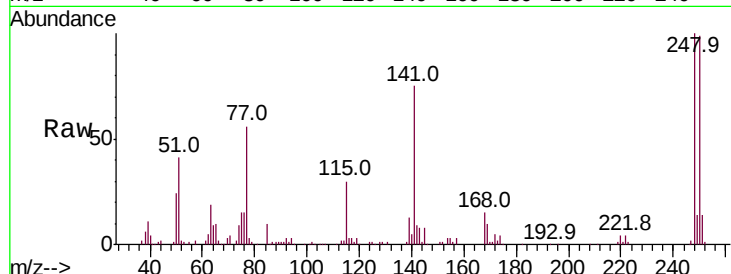
#67
4-Bromophenyl-phenylether
Concen: 28.397 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.0	115.6
141	74.6	55.5	83.3

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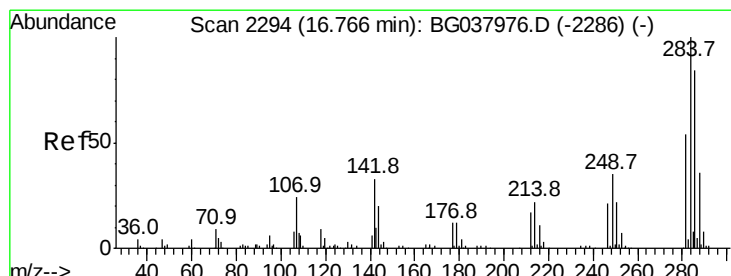
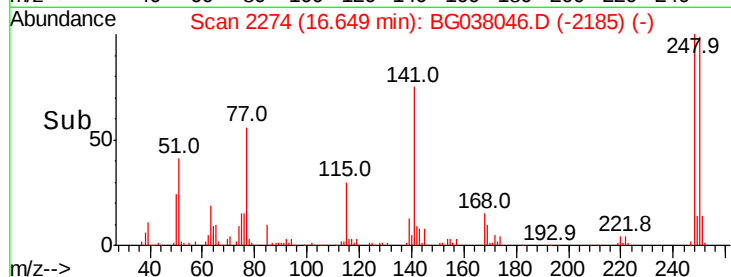
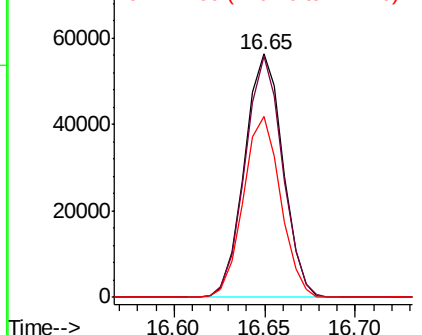


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 28.255 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

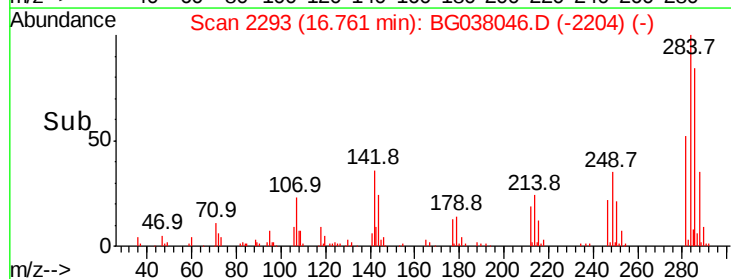
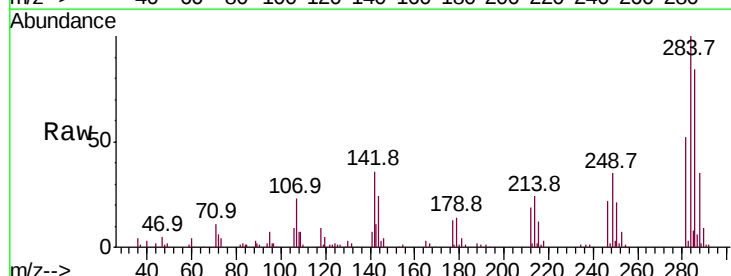
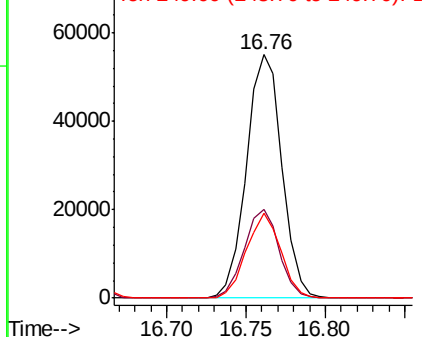
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.1	42.1
249	37.4	29.8	44.8

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





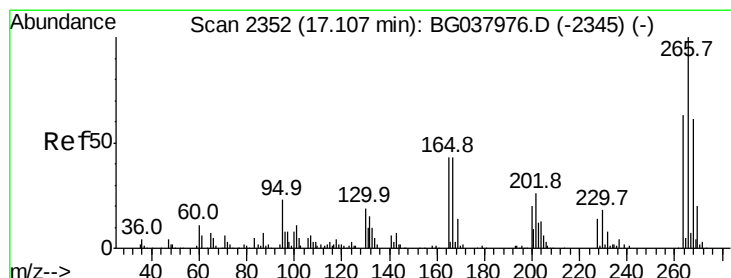
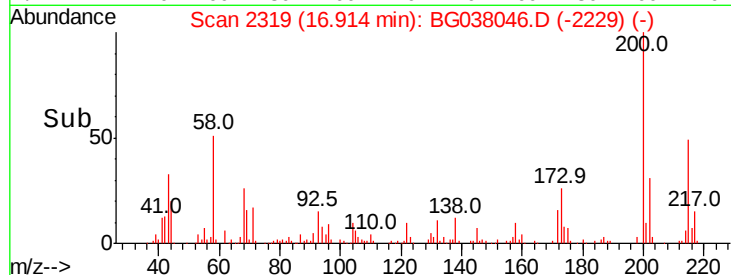
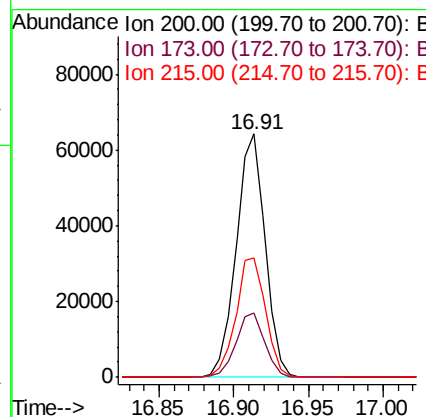
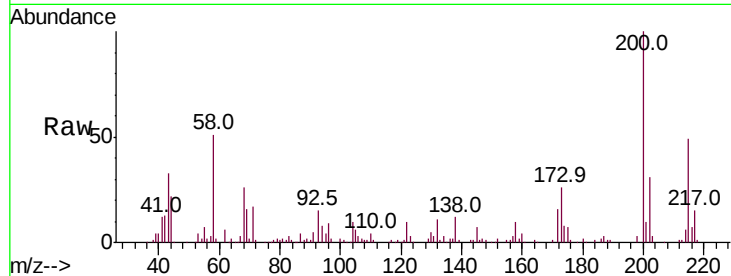
#69
Atrazine
Concen: 29.410 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	49.0	30.8	70.8

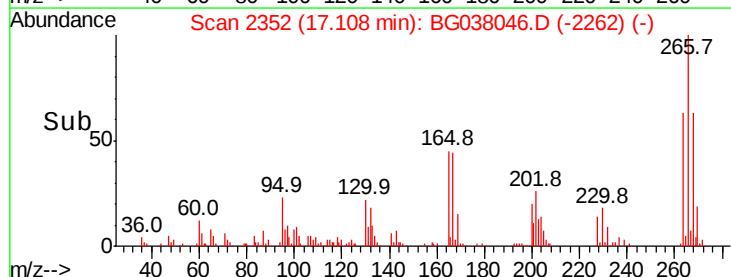
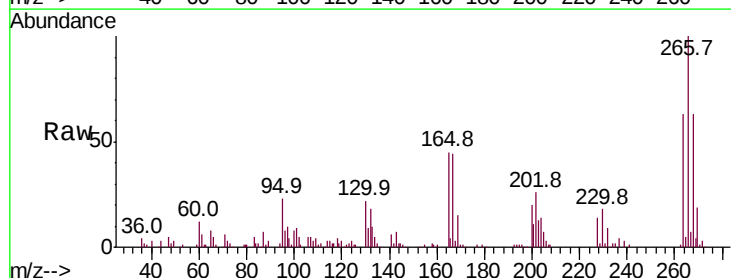
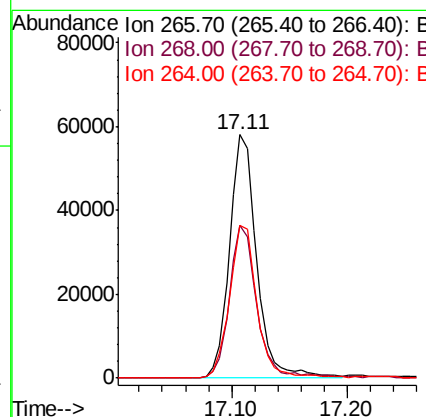
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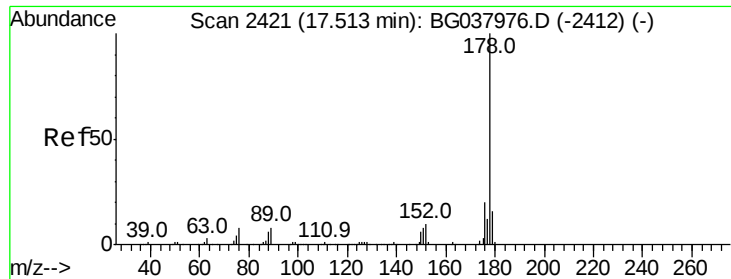
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#70
Pentachlorophenol
Concen: 46.356 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	55.0	82.6
264	68.2	58.9	88.3





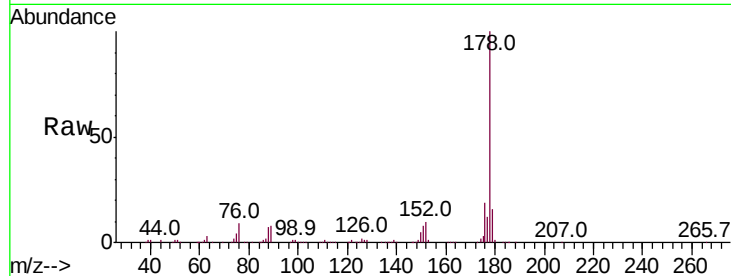
#71
Phenanthrene
Concen: 31.858 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

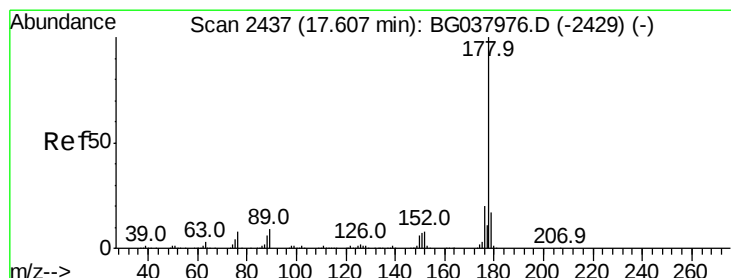
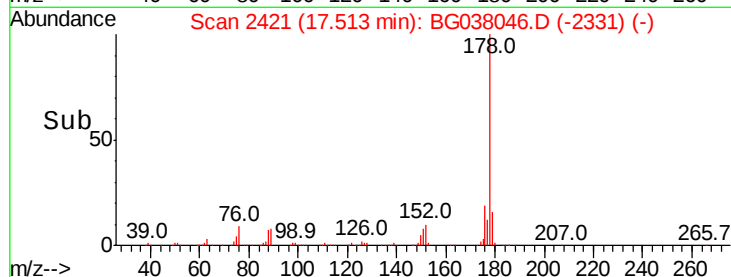
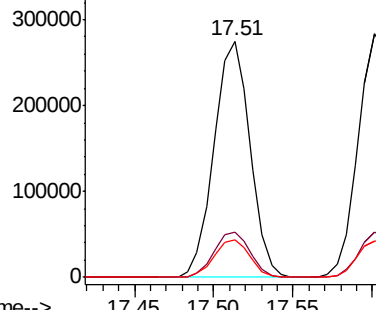
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.7	13.0	19.4

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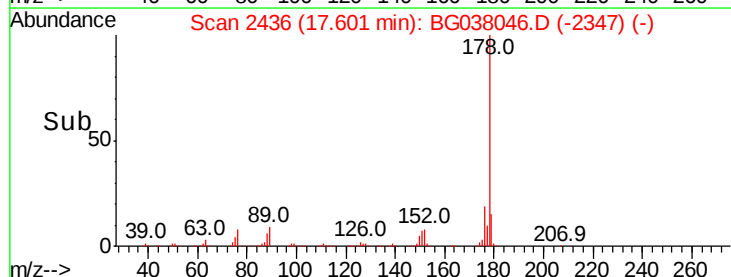
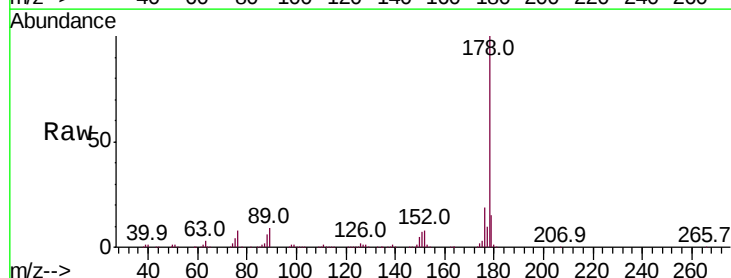
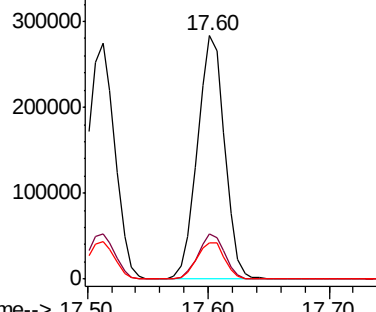
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

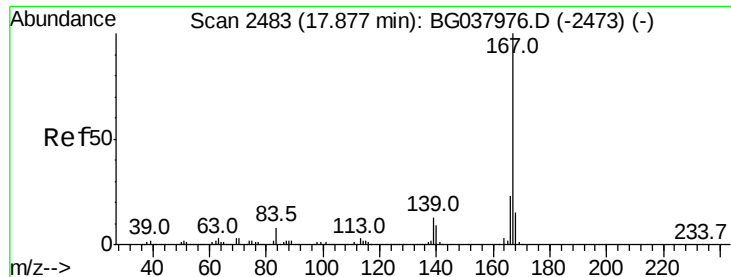


#72
Anthracene
Concen: 32.973 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.1	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





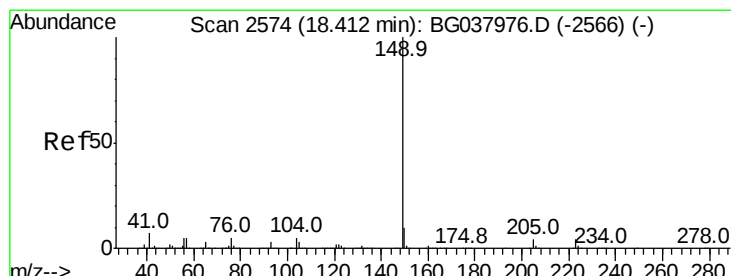
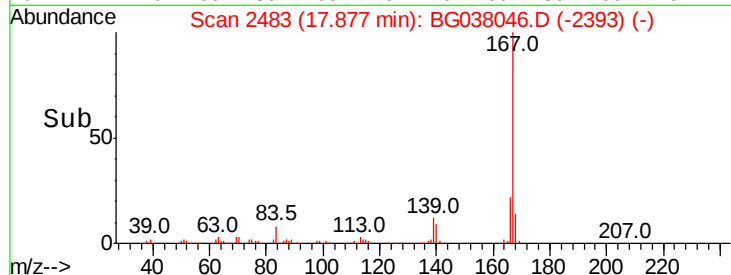
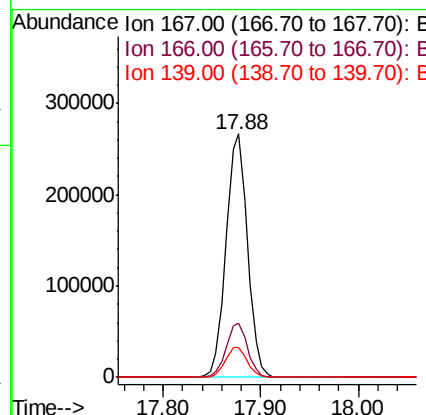
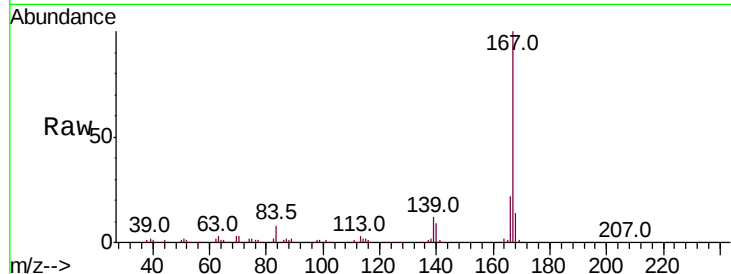
#73
 Carbazole
 Concen: 30.158 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.4	10.5	15.7

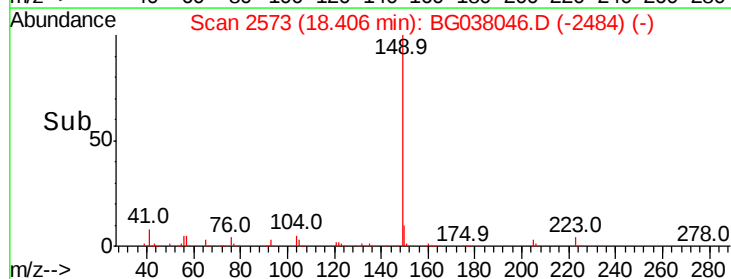
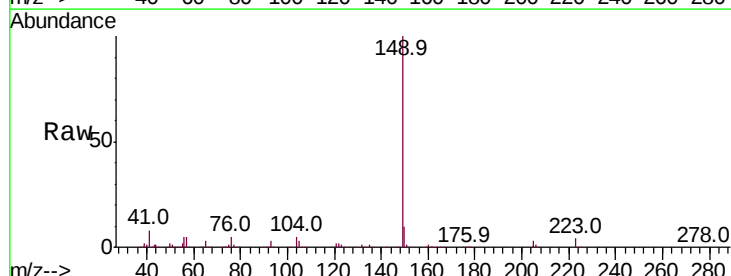
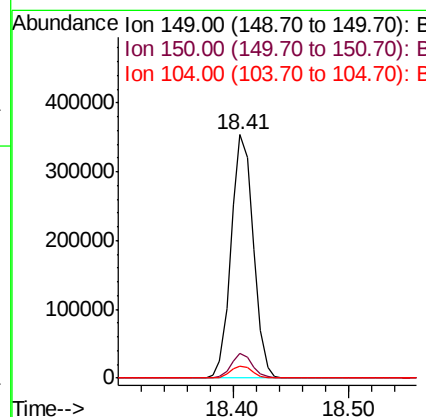
Manual Integrations
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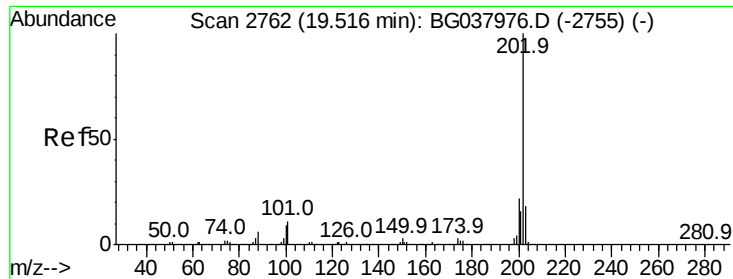
Sohil
 11/19/2018 2:13:46 PM



#74
 Di-n-butylphthalate
 Concen: 31.170 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 33.123 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

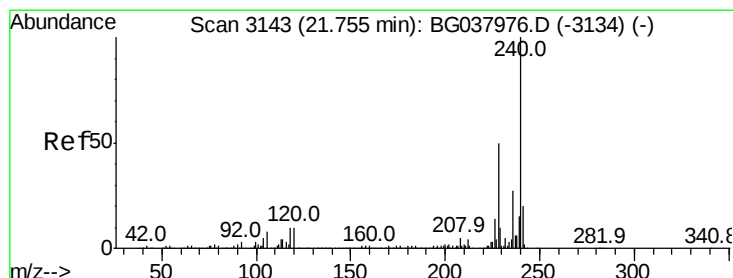
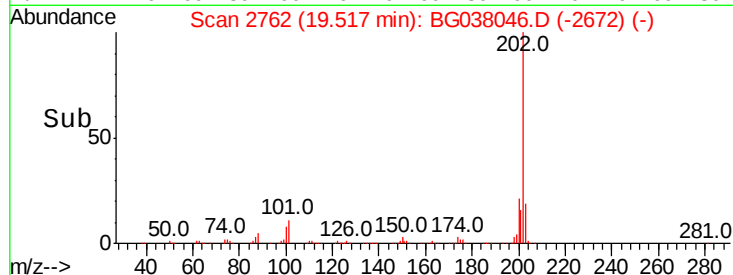
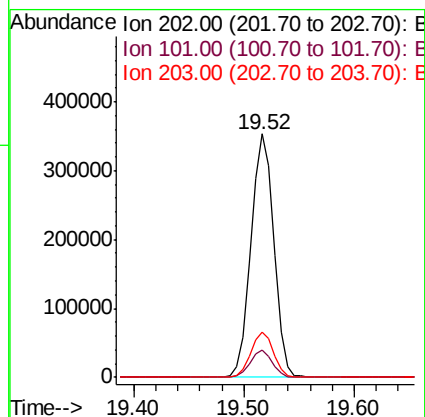
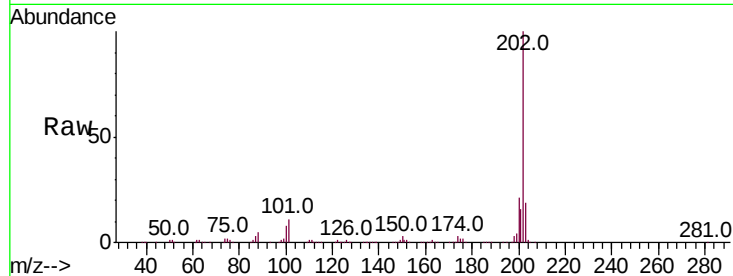
ClientSampleId :

PB114891BS

Tot Ion:	202	Resp:	514399
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.7
203	18.8	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

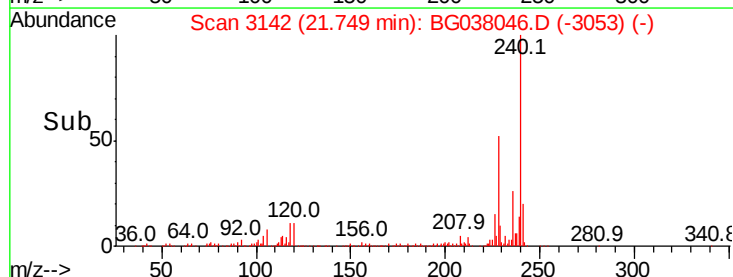
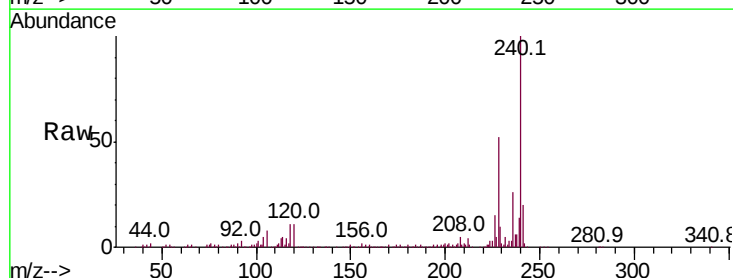
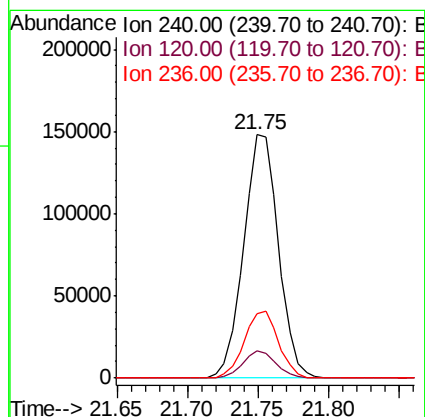
RT: 21.75 min Scan# 3142

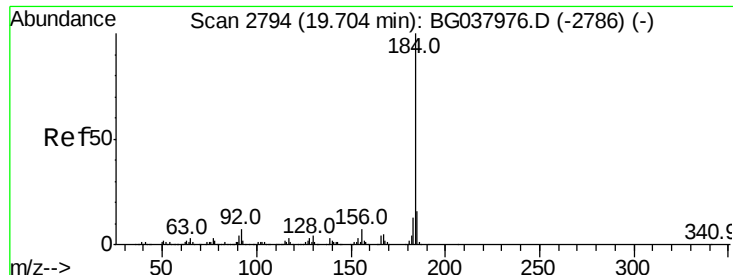
Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	240	Resp:	255884
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.1	12.1
236	26.4	21.4	32.0





#77

Benzidine

Concen: 18.040 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

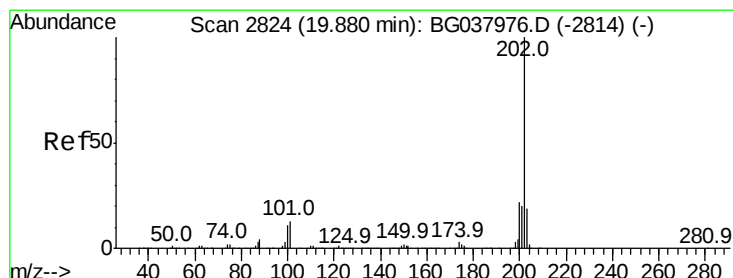
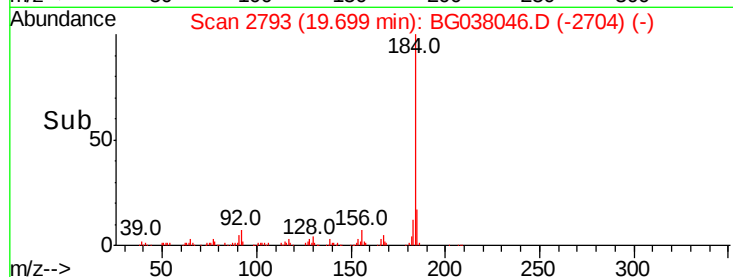
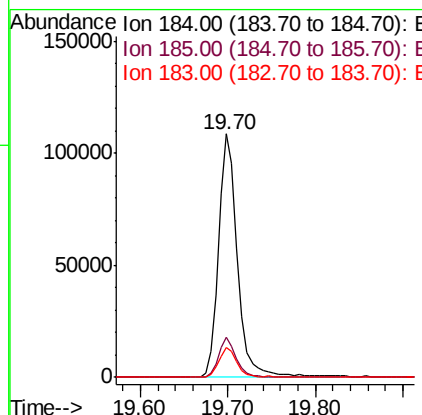
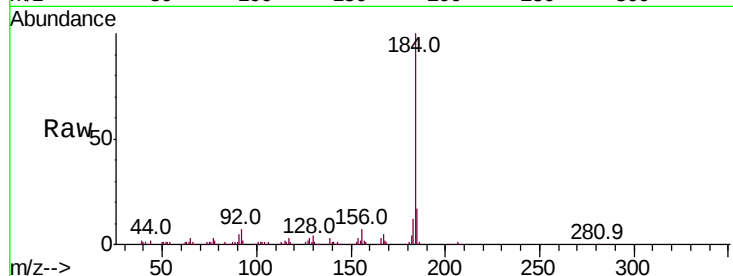
ClientSampleId :

PB114891BS

Tot Ion:	184	Resp:	161979
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.6	18.8
183	12.0	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 31.360 ng

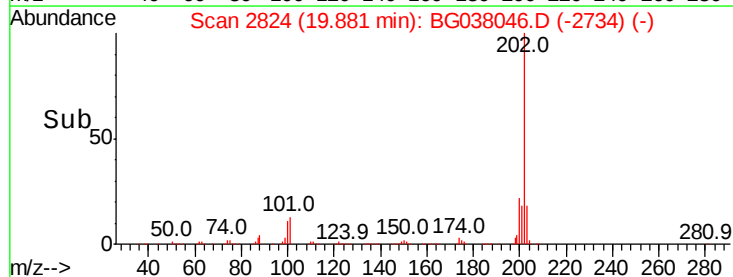
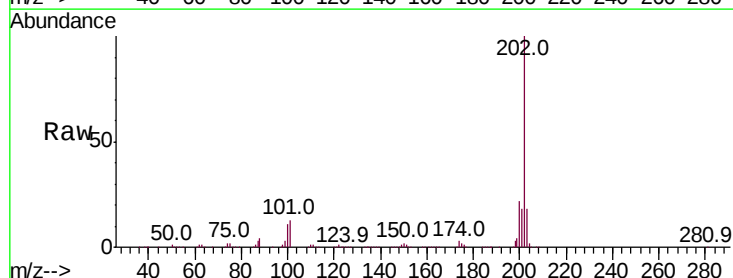
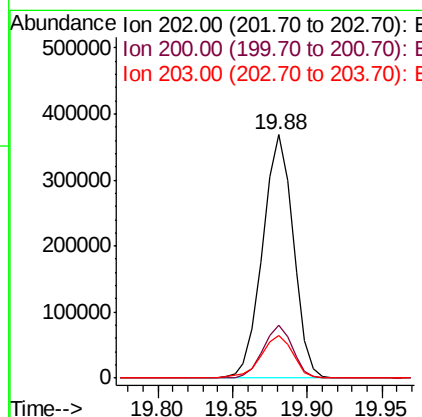
RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	202	Resp:	524641
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	17.7	15.2	22.8





#79

Terphenyl-d14

Concen: 63.099 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

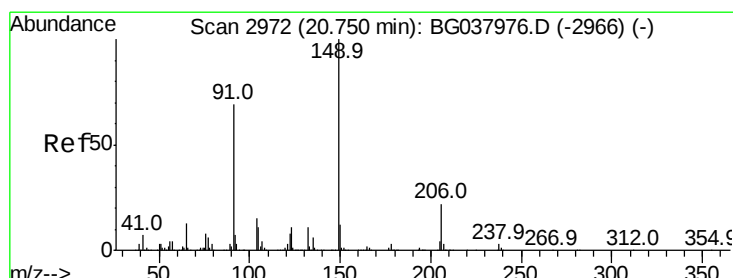
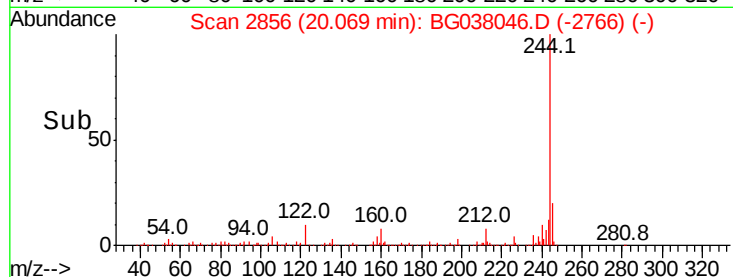
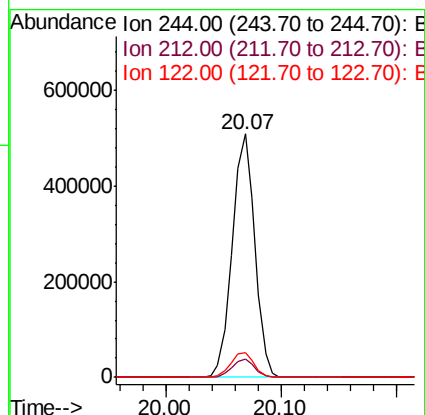
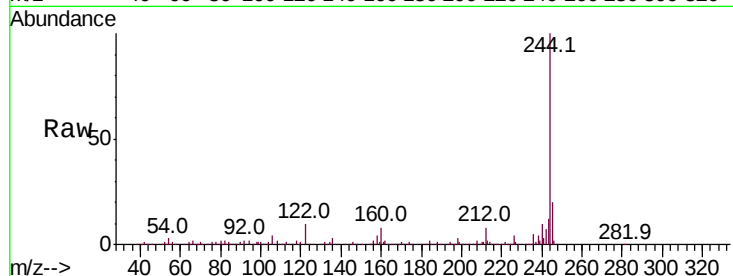
ClientSampleId :

PB114891BS

Tot Ion:	244	Resp:	686184
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.5	9.7
122	9.9	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 30.165 ng

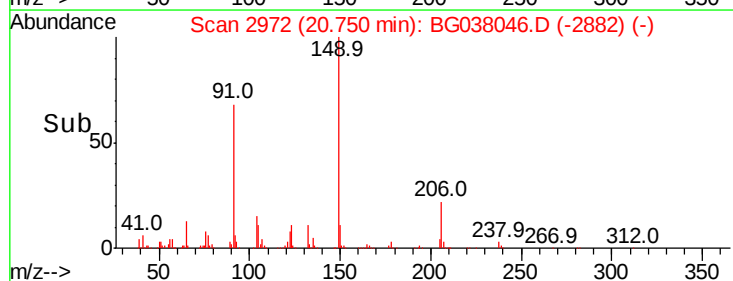
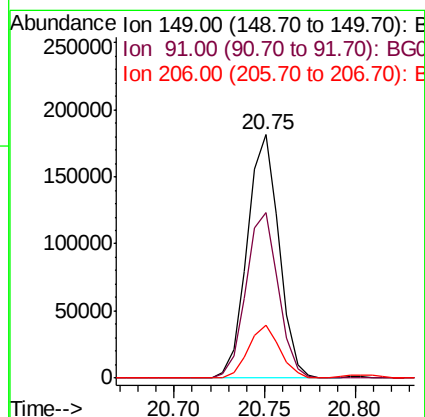
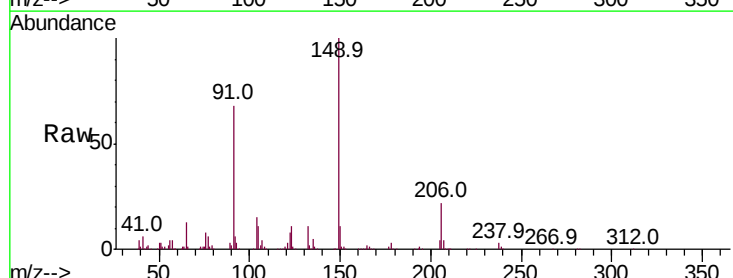
RT: 20.75 min Scan# 2972

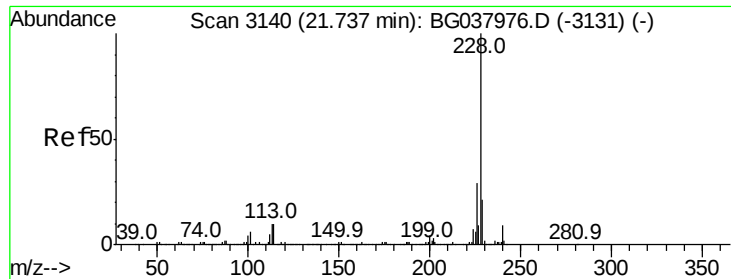
Delta R.T. 0.00 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	149	Resp:	220696
Ion Ratio	Lower	Upper	
149	100		
91	68.2	57.0	85.4
206	21.8	17.8	26.6





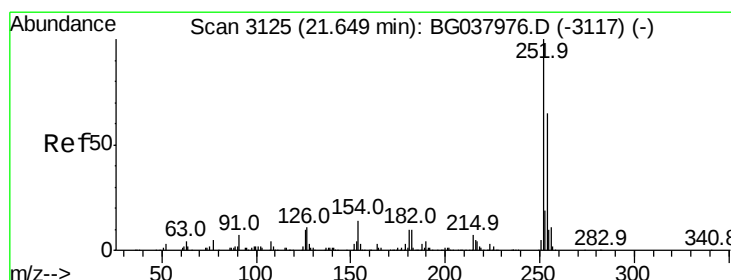
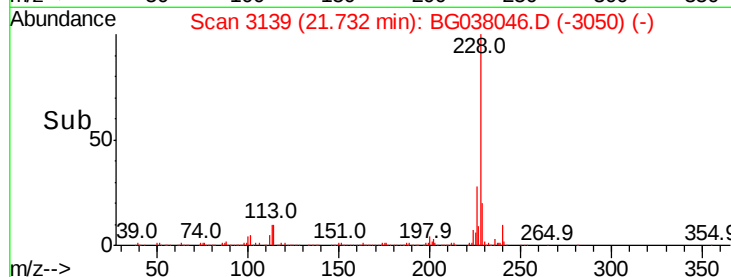
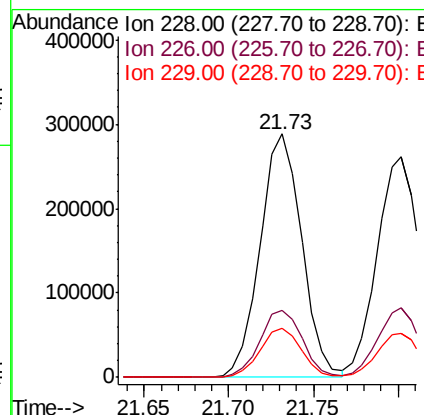
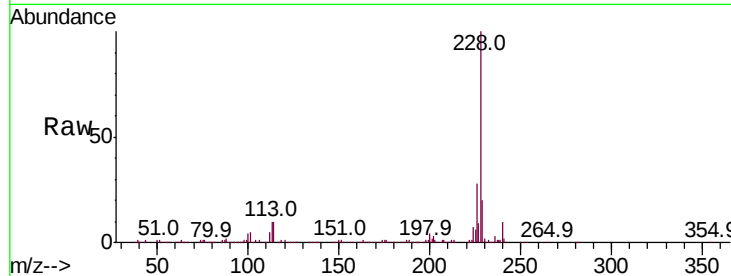
#81
Benzo(a)anthracene
Concen: 31.976 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.9	16.3	24.5

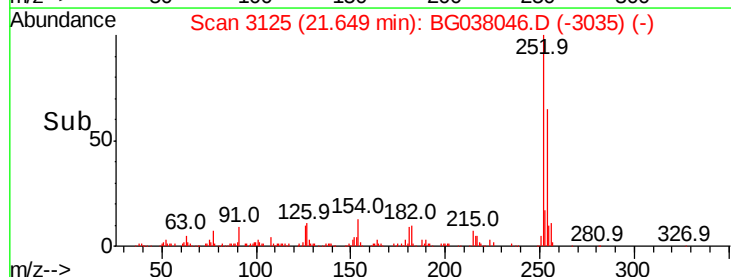
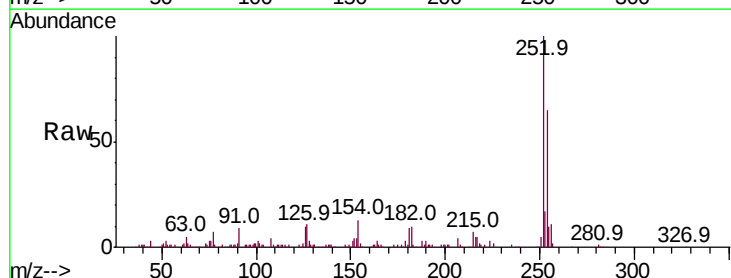
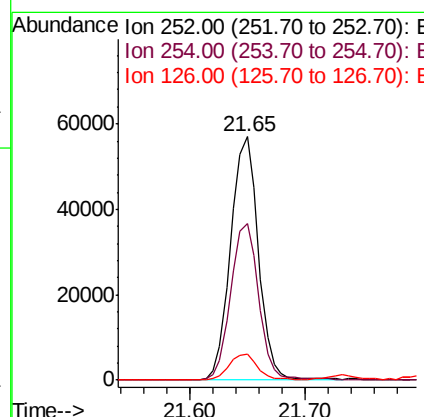
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 15.815 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.0	78.0
126	10.4	8.2	12.4





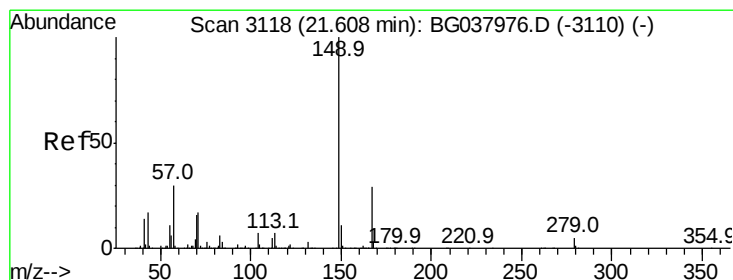
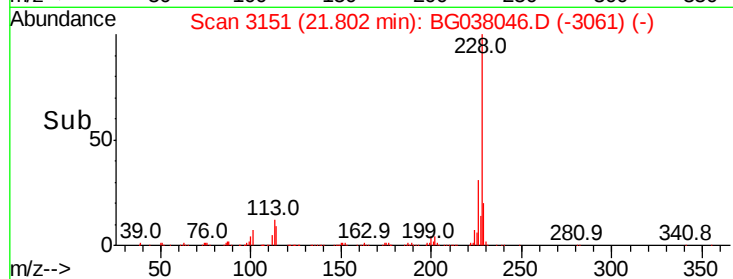
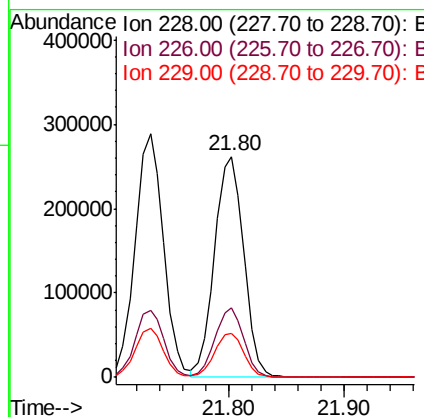
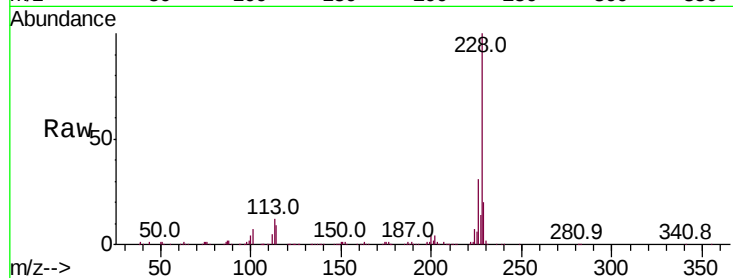
#83
 Chrvsene
 Concen: 31.002 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BS

Tot Ion:	228	Resp:	458682
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.7	38.5
229	20.2	16.5	24.7

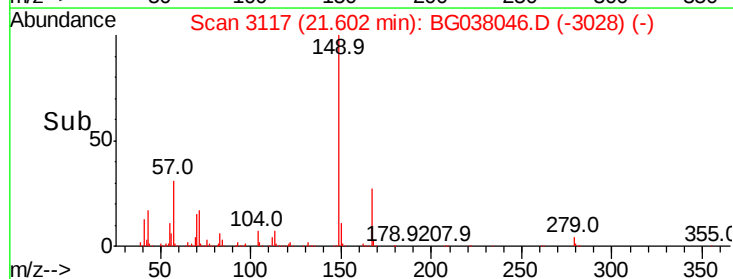
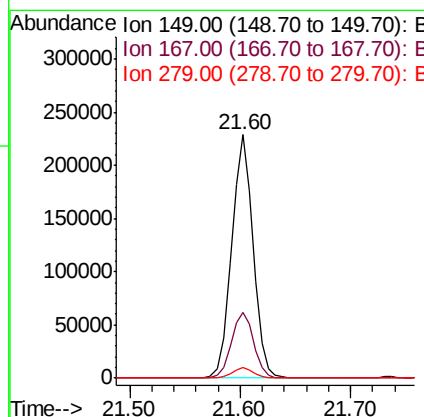
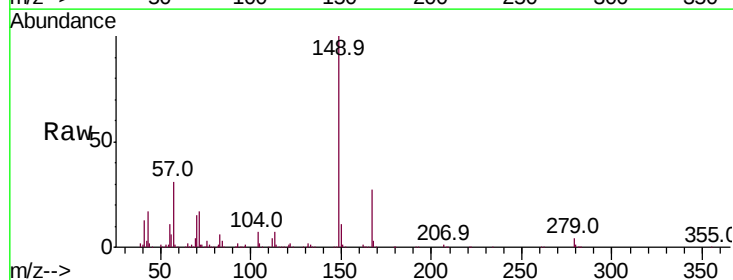
Manual Integrations
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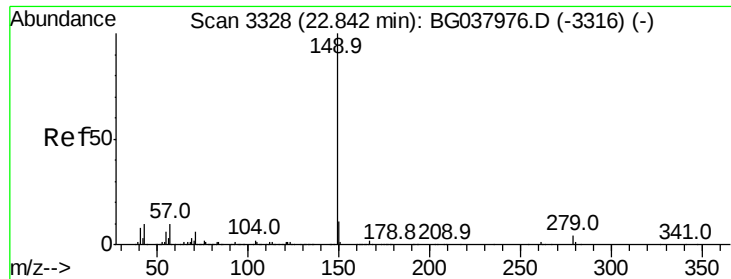
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.843 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038046.D
 Acq: 16 Nov 2018 23:13

Tgt Ion:	149	Resp:	311368
Ion Ratio	Lower	Upper	
149	100		
167	26.8	23.0	34.4
279	4.1	3.6	5.4





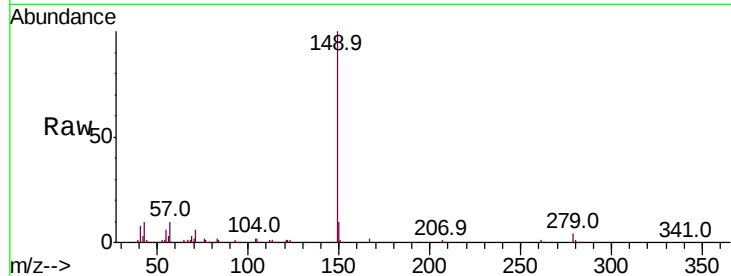
#85
Di-n-octyl phthalate
Concen: 31.686 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	10.1	8.7	13.1	

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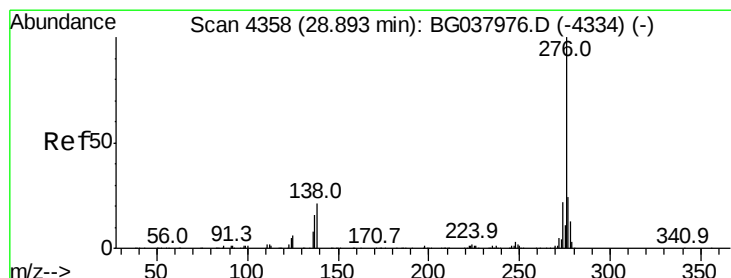
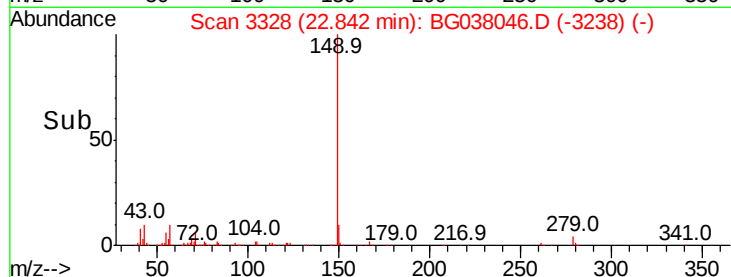
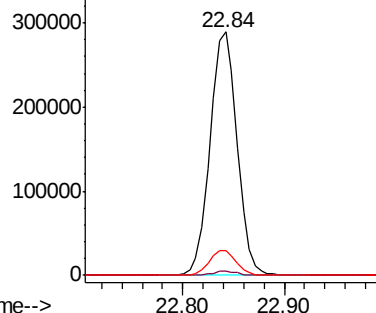


Abundance

Ion 149.00 (148.70 to 149.70): E

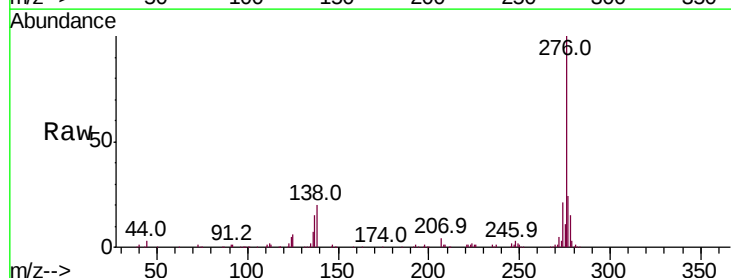
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.964 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	8.4	12.0	18.0#	
277	25.5	20.6	30.8	

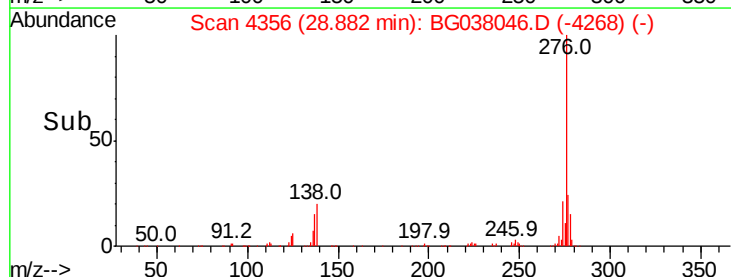
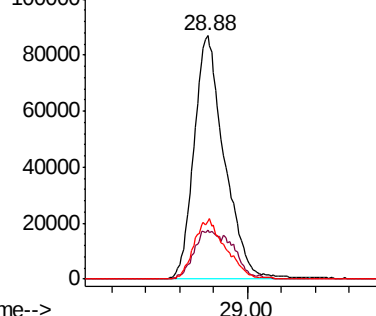


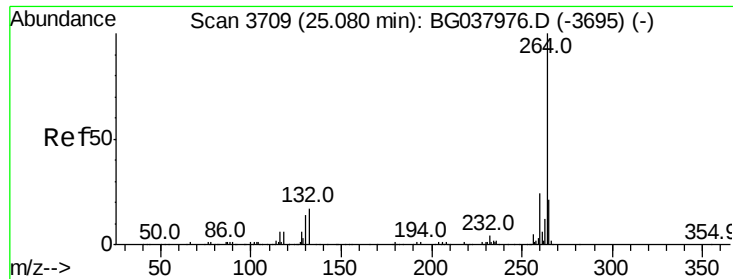
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Instrument :

BNA_G

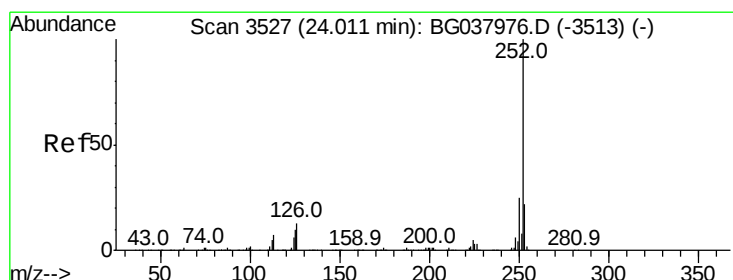
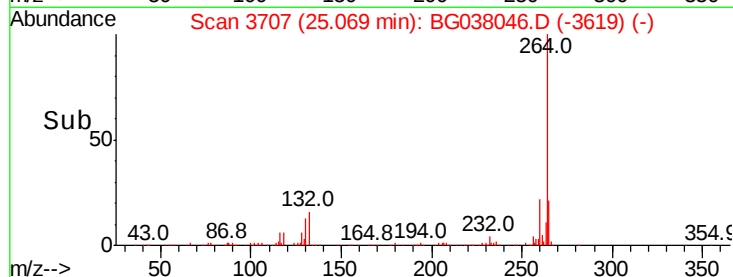
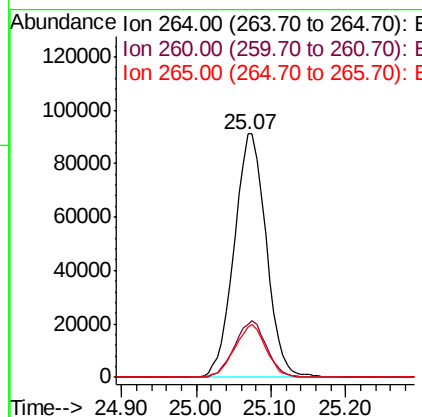
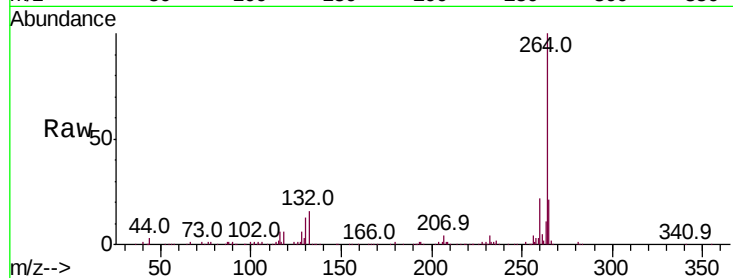
ClientSampleId :

PB114891BS

Tot Ion:	264	Resp:	271942
Ion Ratio	Lower	Upper	
264	100		
260	21.9	18.2	27.4
265	20.6	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 31.788 ng

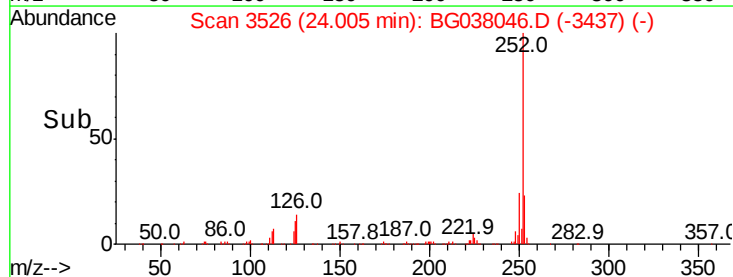
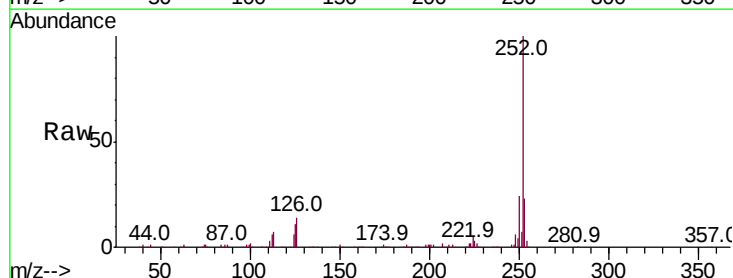
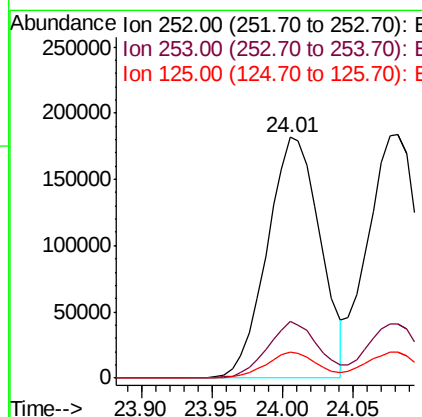
RT: 24.01 min Scan# 3526

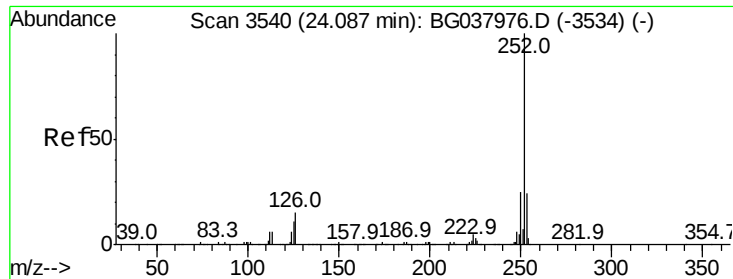
Delta R.T. -0.01 min

Lab File: BG038046.D

Acq: 16 Nov 2018 23:13

Tgt Ion:	252	Resp:	475704
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	10.7	7.8	11.6





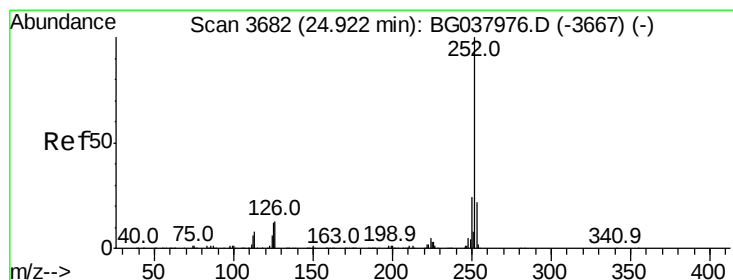
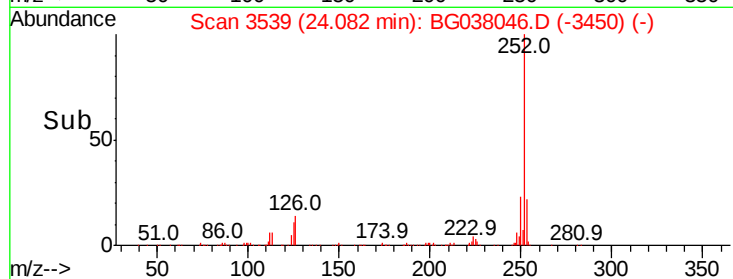
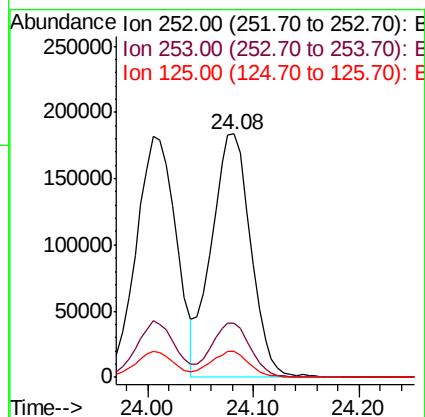
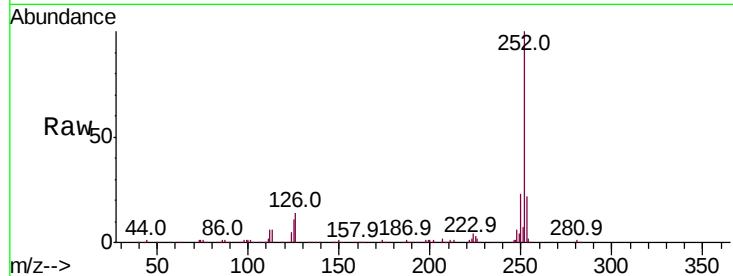
#89
Benzo(k)fluoranthene
Concen: 32.086 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion:	252	Resp:	473809
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	10.9	7.4	11.0

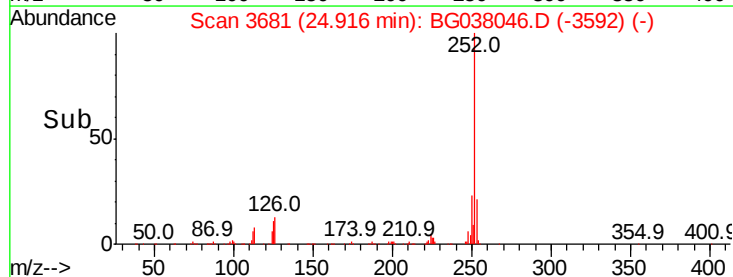
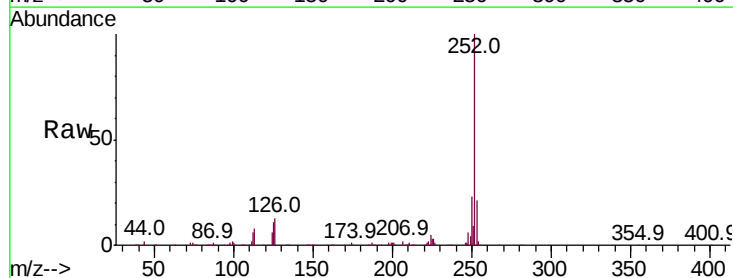
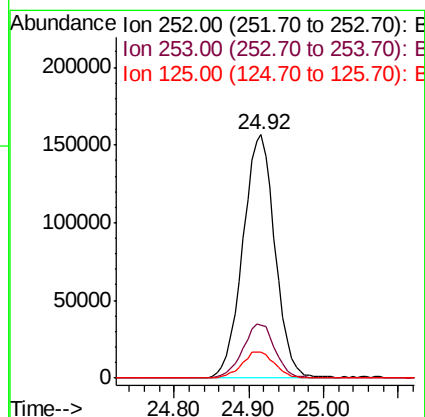
Manual Integrations
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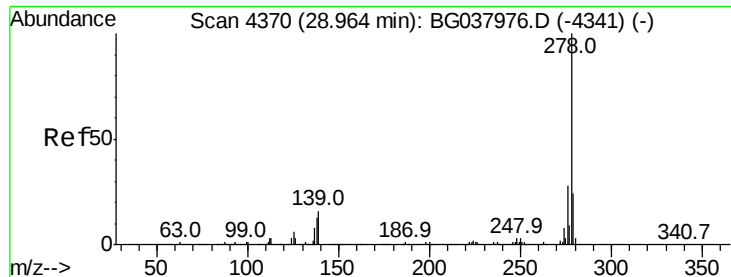
Sohil
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#90
Benzo(a)pyrene
Concen: 32.652 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion:	252	Resp:	466978
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	10.8	9.0	13.6





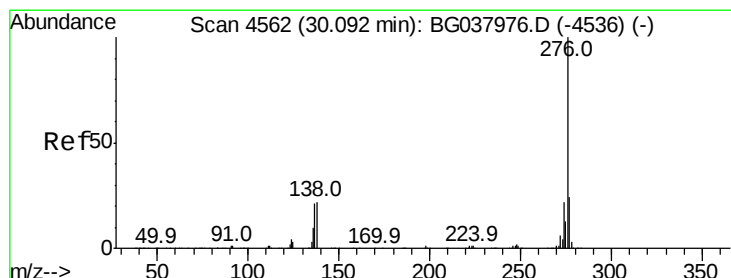
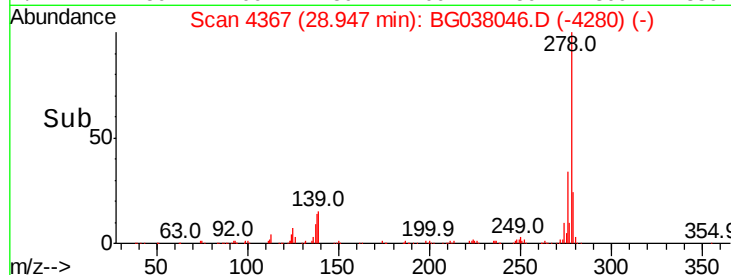
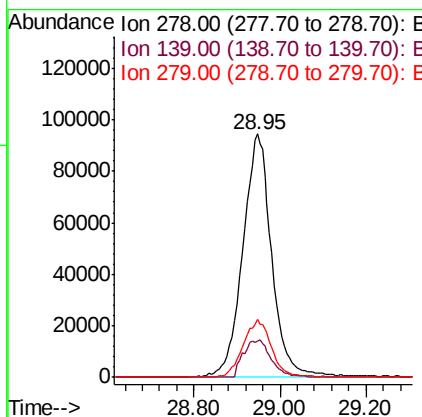
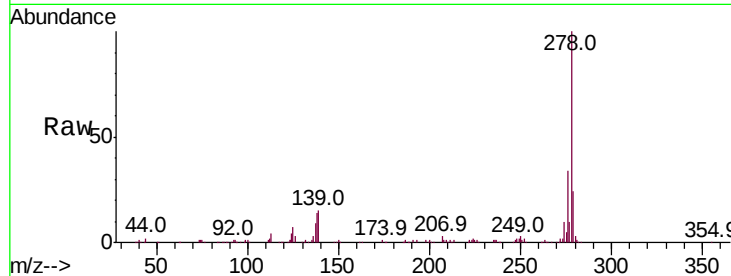
#91
Dibenzo(a,h)anthracene
Concen: 32.490 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.02 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Instrument :
BNA_G
ClientSampleId :
PB114891BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.5	17.3
279	24.1	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:46 PM



#92
Benzo(g,h,i)perylene
Concen: 32.330 ng
RT: 30.07 min Scan# 4558
Delta R.T. -0.02 min
Lab File: BG038046.D
Acq: 16 Nov 2018 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	22.1	17.2	25.8

