

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038096.D
 Acq On : 20 Nov 2018 22:04
 Operator : JU/SJ
 Sample : PB114966BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:23:15 PM

Quant Time: Nov 21 04:05:06 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	41692	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	175627	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110034	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254616	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241506	20.00	ng	0.00
87) Perylene-d12	25.08	264	254436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	357832	148.19	ng	0.00
7) Phenol-d6	7.24	99	480384	139.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	223426	68.10	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	164955	131.45	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	487899	64.60	ng	0.00
79) Terphenyl-d14	20.07	244	766355	74.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	43686	38.302	ng	96
3) Pyridine	3.92	79	121227	37.259	ng	99
4) n-Nitrosodimethylamine	3.84	42	58090	49.213	ng	100
6) Aniline	7.41	93	152402	34.258	ng	99
8) 2-Chlorophenol	7.65	128	134300	47.932	ng	98
9) Benzaldehyde	7.23	77	74511	29.892	ng	92
10) Phenol	7.26	94	170096	46.589	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	127708	42.846	ng	99
12) 1,3-Dichlorobenzene	7.97	146	136687	42.346	ng	98
13) 1,4-Dichlorobenzene	8.12	146	138738	42.549	ng	97
14) 1,2-Dichlorobenzene	8.44	146	133452	42.869	ng	97
15) Benzyl Alcohol	8.33	79	116995	46.908	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	245180	44.298	ng	98
17) 2-Methylphenol	8.52	107	118567	48.034	ng	99
18) Hexachloroethane	9.17	117	51233	43.174	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	100808	40.419	ng	99
20) 3+4-Methylphenols	8.85	107	157505	45.012	ng	99
22) Acetophenone	8.92	105	191058	43.723	ng	# 99
24) Nitrobenzene	9.31	77	152331	45.388	ng	97
25) Isophorone	9.82	82	279663	47.358	ng	97
26) 2-Nitrophenol	10.02	139	74332	44.364	ng	99
27) 2,4-Dimethylphenol	10.06	122	134647	53.337	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	171579	45.438	ng	95
29) 2,4-Dichlorophenol	10.55	162	133262	46.931	ng	100
30) 1,2,4-Trichlorobenzene	10.76	180	140198	44.060	ng	97
31) Naphthalene	10.96	128	404260	46.799	ng	100
32) Benzoic acid	10.19	122	70912m	44.749	ng	
33) 4-Chloroaniline	11.07	127	101044	25.147	ng	98
34) Hexachlorobutadiene	11.22	225	83499	42.638	ng	96
35) Caprolactam	11.85	113	46913m	41.276	ng	
36) 4-Chloro-3-methylphenol	12.17	107	143692	46.319	ng	98
37) 2-Methylnaphthalene	12.56	142	291897	47.043	ng	97
38) 1-Methylnaphthalene	12.77	142	279383	46.777	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	152311	41.424	ng	99

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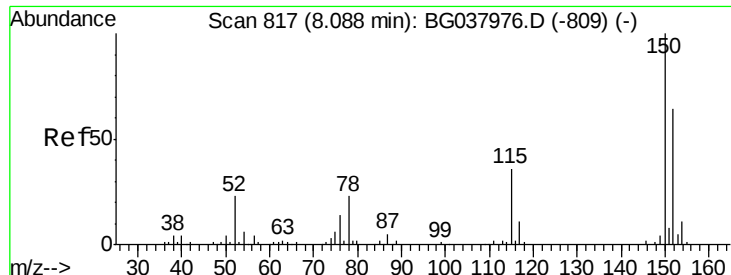
Manual Integrations
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 11/21/2018 3:23:15 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	195137	99.112	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	107742	43.002	nq	97
44) 2,4,5-Trichlorophenol	13.23	196	117588	44.604	nq	98
46) 1,1'-Biphenyl	13.55	154	372818	40.330	nq	98
47) 2-Chloronaphthalene	13.60	162	295106	41.835	nq	99
48) 2-Nitroaniline	13.81	65	102541	46.188	nq	95
49) Acenaphthylene	14.45	152	489301	46.127	nq	100
50) Dimethylphthalate	14.17	163	373785	42.849	nq	99
51) 2,6-Dinitrotoluene	14.30	165	86372	43.748	nq	96
52) Acenaphthene	14.79	154	280873	43.982	nq	97
53) 3-Nitroaniline	14.64	138	71126	32.648	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	80820	76.331	nq	93
55) Dibenzofuran	15.12	168	453337	42.931	nq	97
56) 4-Nitrophenol	14.93	139	149491	88.971	nq	94
57) 2,4-Dinitrotoluene	15.09	165	123375	45.929	nq	98
58) Fluorene	15.77	166	363225	46.102	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	102284	46.367	nq	97
60) Diethylphthalate	15.52	149	391462	42.250	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	188953	40.986	nq	99
62) 4-Nitroaniline	15.80	138	98114	45.335	nq	97
63) Azobenzene	16.05	77	367610	44.375	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63990	39.734	nq	99
66) n-Nitrosodiphenylamine	15.97	169	332280	43.137	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	116077	41.536	nq	96
68) Hexachlorobenzene	16.76	284	122067	42.317	nq	97
69) Atrazine	16.92	200	125231	44.103	nq	100
70) Pentachlorophenol	17.11	266	137026	69.942	nq	96
71) Phenanthrene	17.51	178	609439	46.751	nq	99
72) Anthracene	17.60	178	624550	48.603	nq	99
73) Carbazole	17.88	167	567917	44.050	nq	99
74) Di-n-butylphthalate	18.41	149	681849	47.114	nq	100
75) Fluoranthene	19.52	202	733430	49.313	nq	100
77) Benzidine	19.70	184	344148	40.611	nq	100
78) Pyrene	19.88	202	728184	46.117	nq	99
80) Butylbenzylphthalate	20.75	149	316329	45.811	nq	97
81) Benzo(a)anthracene	21.73	228	690891	47.339	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	183181	32.222	nq	97
83) Chrysene	21.80	228	642596	46.019	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	445215	45.211	nq	99
85) Di-n-octyl phthalate	22.84	149	767045	48.147	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	755554	48.718	nq	99
88) Benzo(b)fluoranthene	24.01	252	667896	47.701	nq	99
89) Benzo(k)fluoranthene	24.08	252	647404	46.858	nq	99
90) Benzo(a)pyrene	24.92	252	664924	49.691	nq	98
91) Dibenzo(a,h)anthracene	28.95	278	619572	48.122	nq	97
92) Benzo(g,h,i)perylene	30.08	276	619766	48.412	nq	99

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



#1

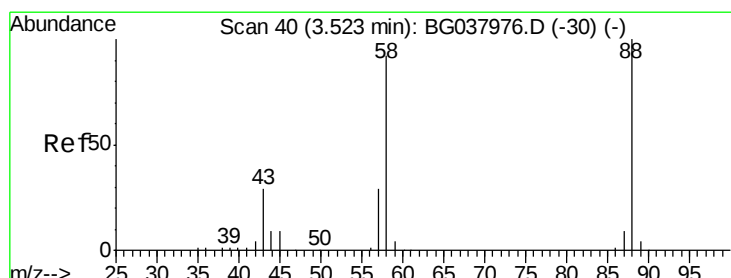
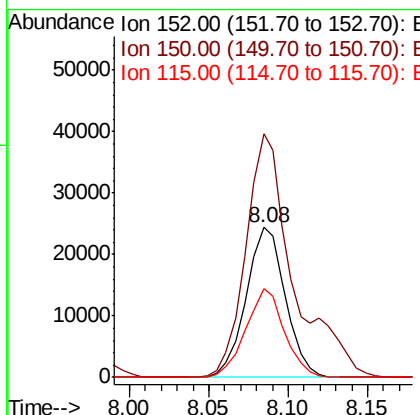
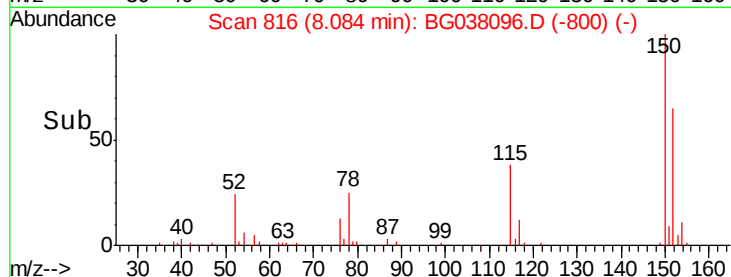
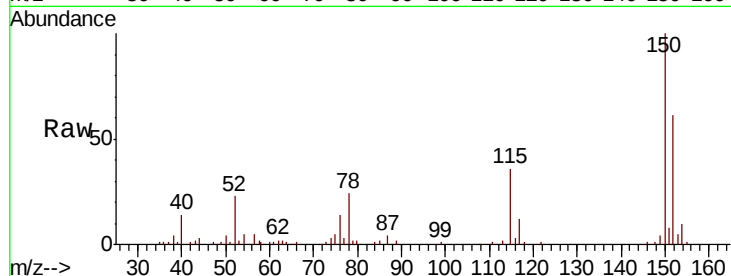
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.0	189.0
115	58.9	45.5	68.3

Manual Integrations
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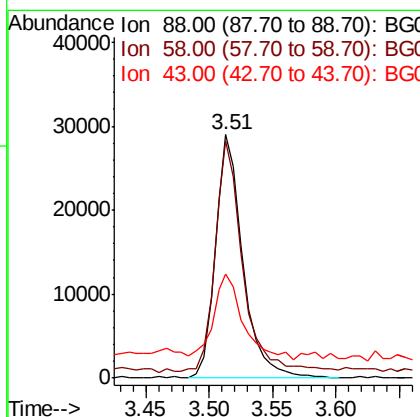
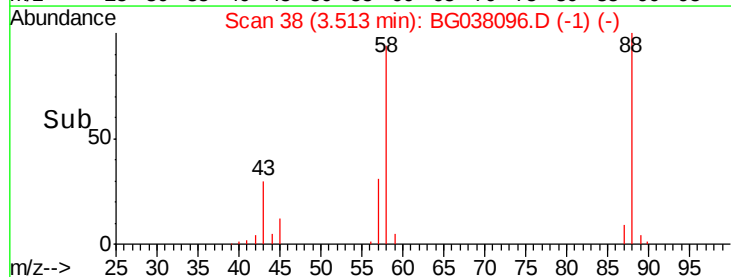
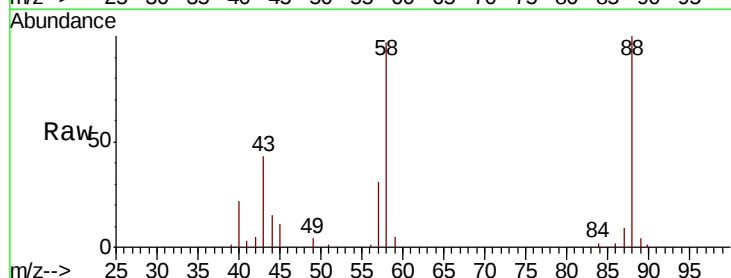
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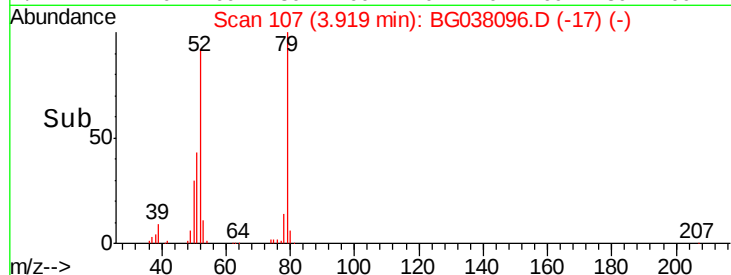
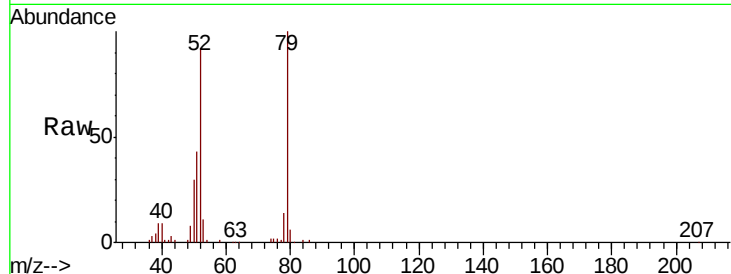
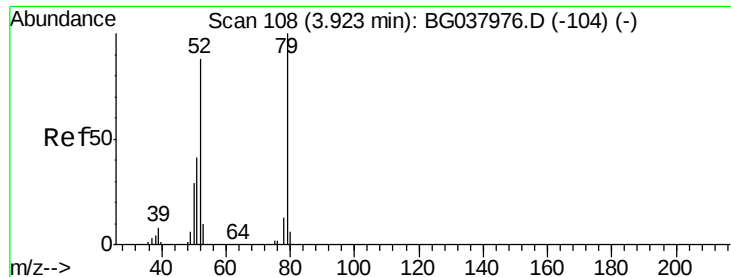


#2

1,4-Dioxane
Concen: 38.302 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	74.4	111.6
43	37.4	25.8	38.8





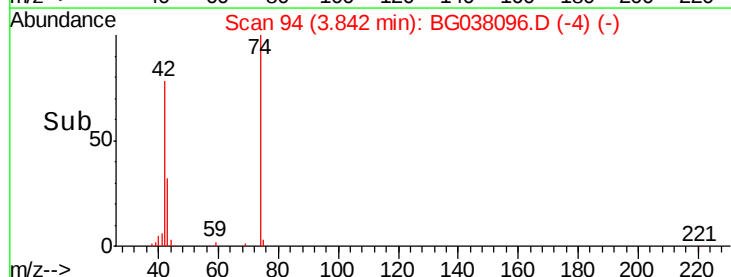
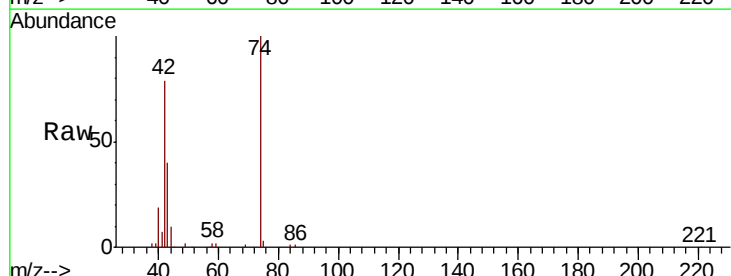
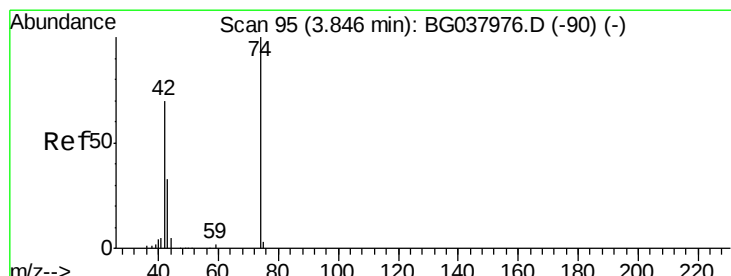
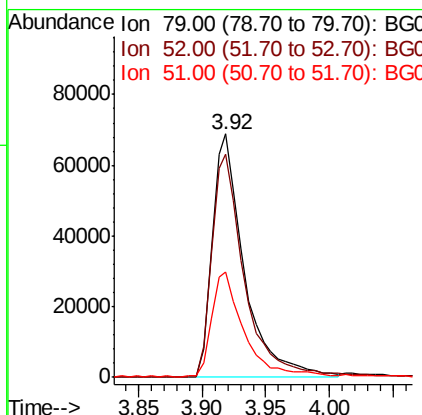
#3
 Pvridine
 Concen: 37.259 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.8	74.2	111.2
51	43.4	34.6	51.8

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

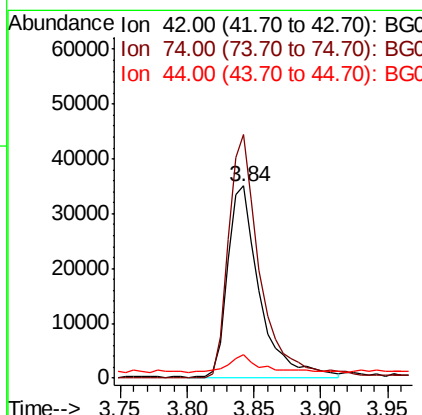
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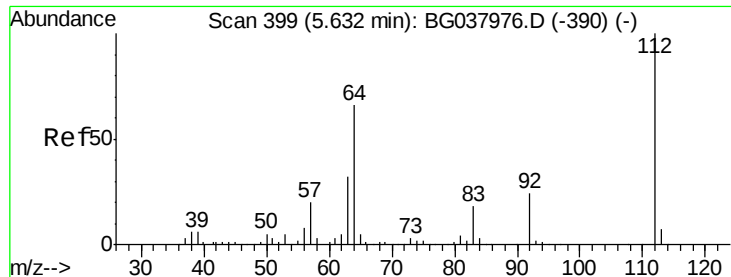
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#4
 n-Nitrosodimethylamine
 Concen: 49.213 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.9	102.0	153.0
44	12.2	9.6	14.4





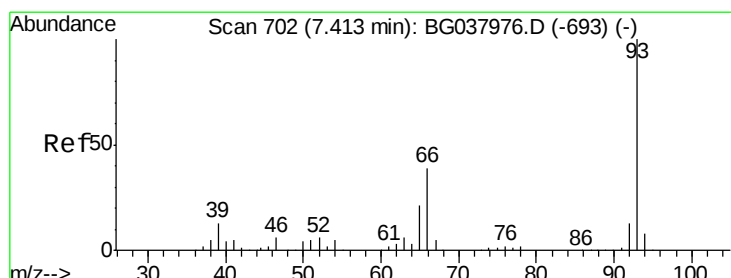
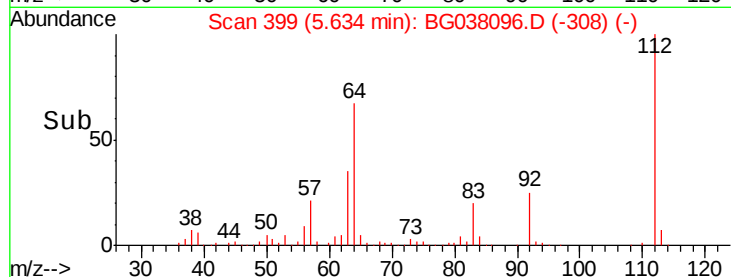
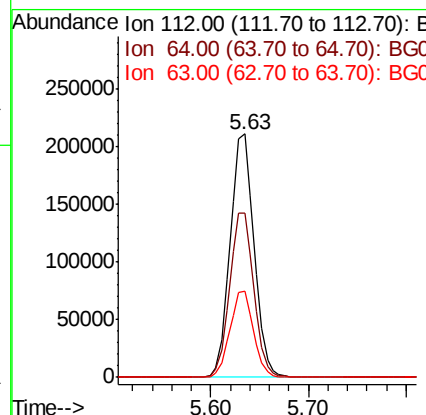
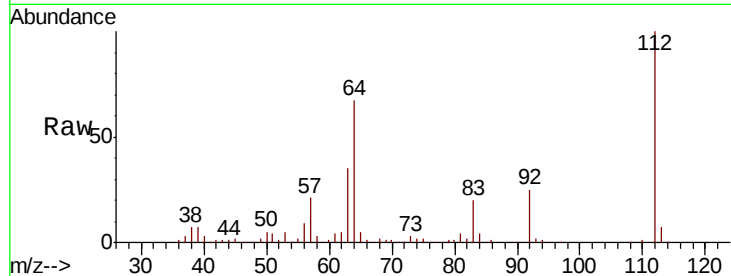
#5
2-Fluorophenol
Concen: 148.187 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.4	53.1	79.7
63	35.5	27.3	40.9

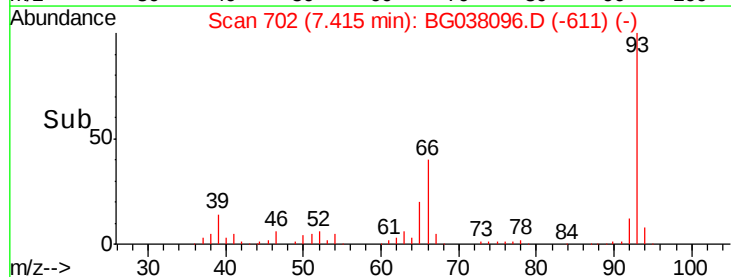
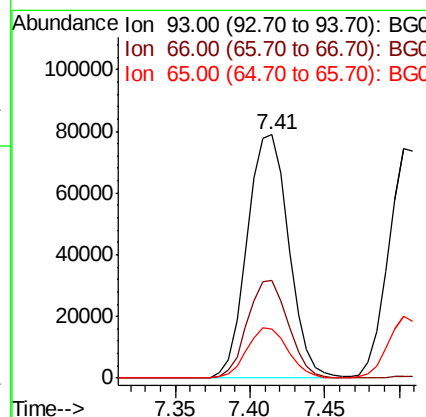
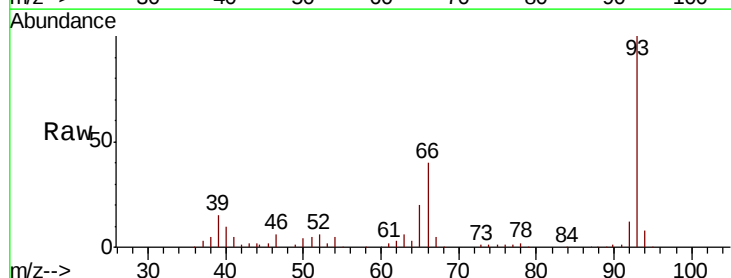
Manual Integrations
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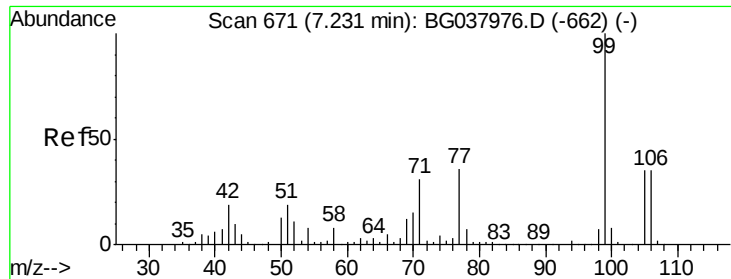
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#6
Aniline
Concen: 34.258 ng
RT: 7.41 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.0	32.8	49.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 139.367 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

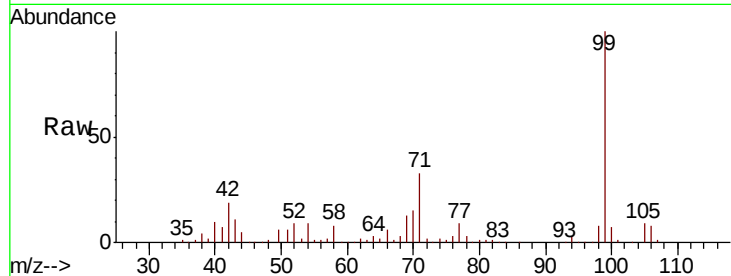
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PB114966BSD

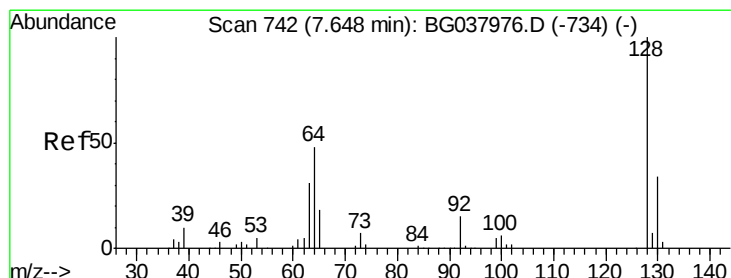
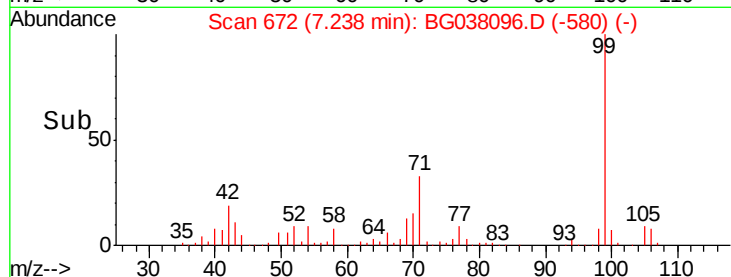
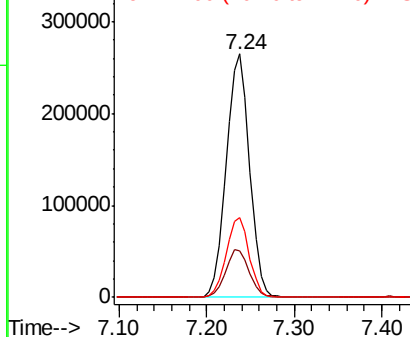
Tot Ion:	99	Resp:	480384
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	32.6	25.5	38.3

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



#8

2-Chlorophenol

Concen: 47.932 ng

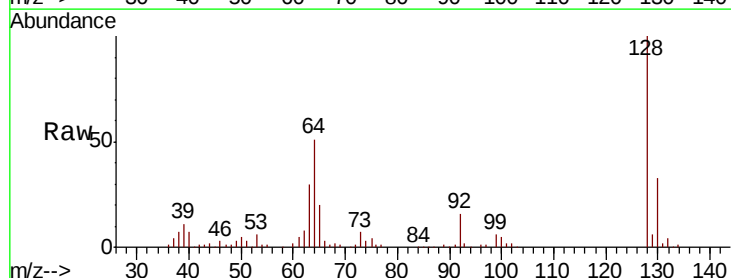
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

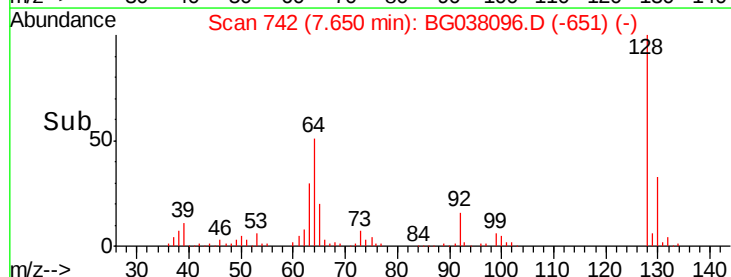
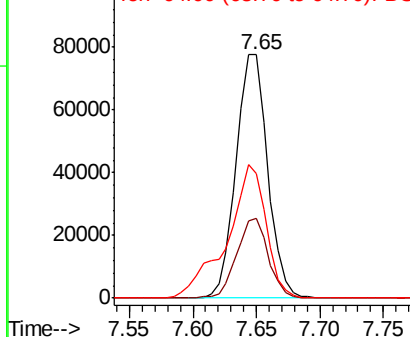
Lab File: BG038096.D

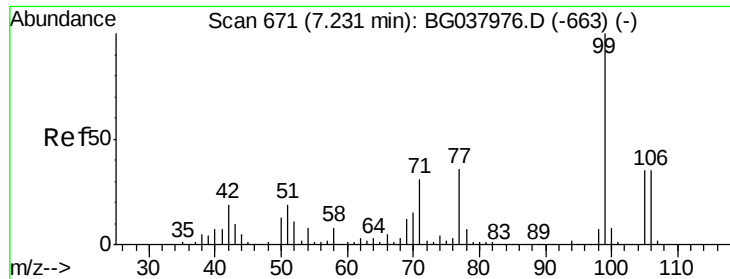
Acq: 20 Nov 2018 22:04

Tgt Ion:	128	Resp:	134300
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	51.1	32.9	72.9



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





#9

Benzaldehyde

Concen: 29.892 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleID :

PB114966BSD

Tot Ion: 77 Resp: 74511

Ion Ratio Lower Upper

77 100

105 97.9 72.6 112.6

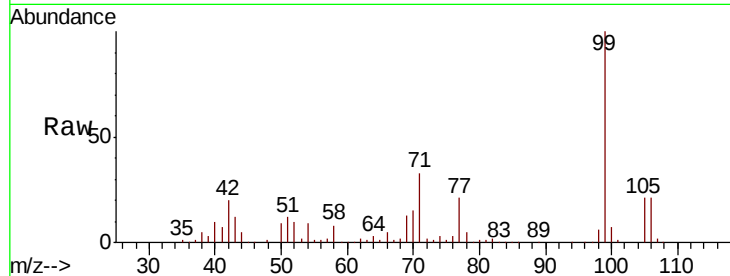
106 101.2 71.3 111.3

Manual Integrations

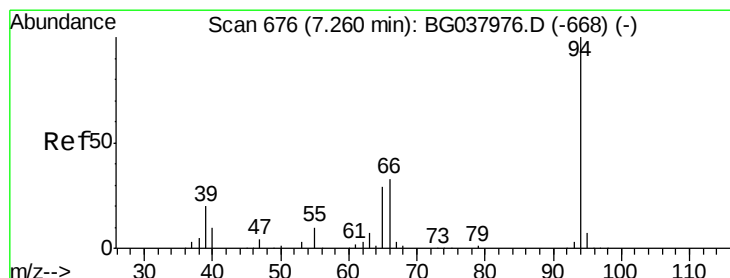
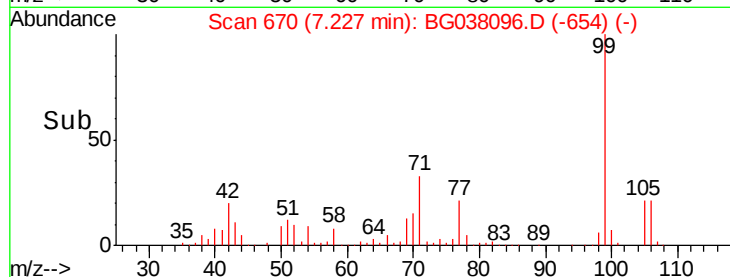
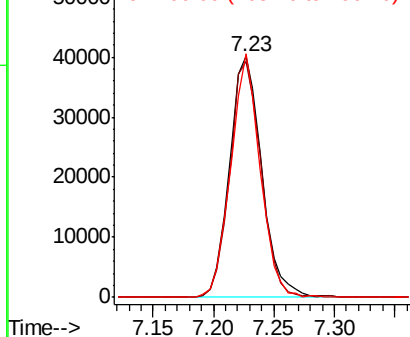
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.589 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

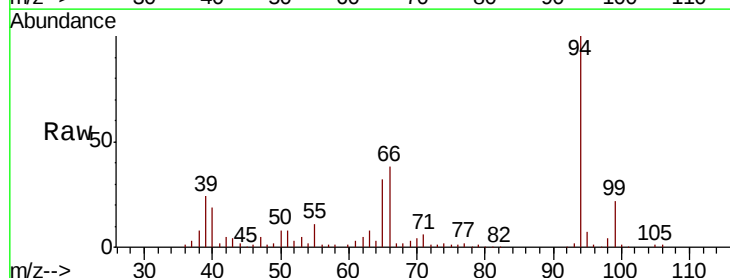
Tgt Ion: 94 Resp: 170096

Ion Ratio Lower Upper

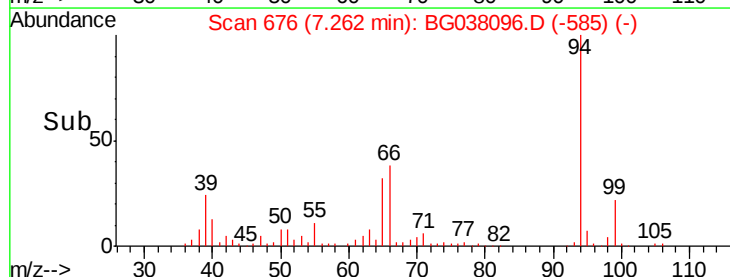
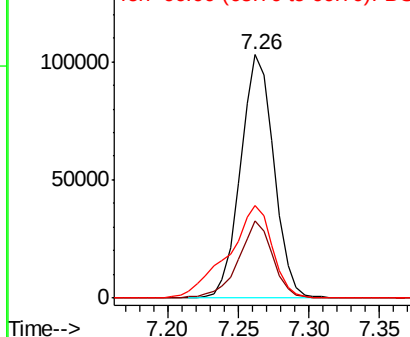
94 100

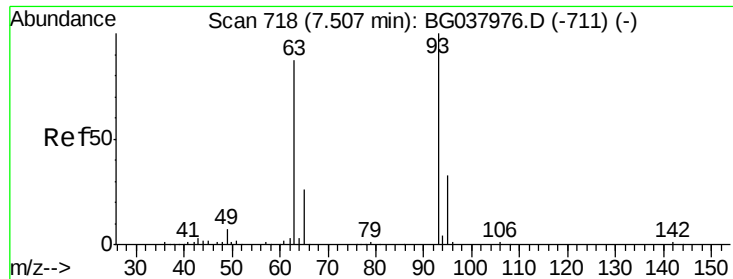
65 31.7 9.7 49.7

66 38.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





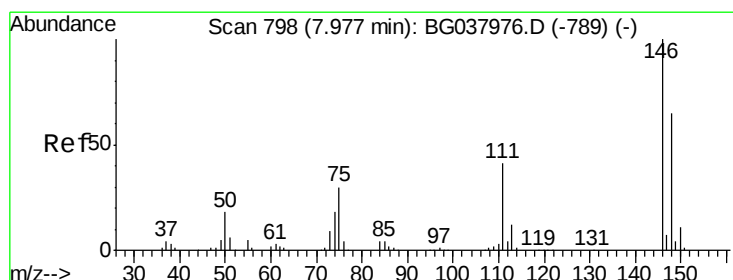
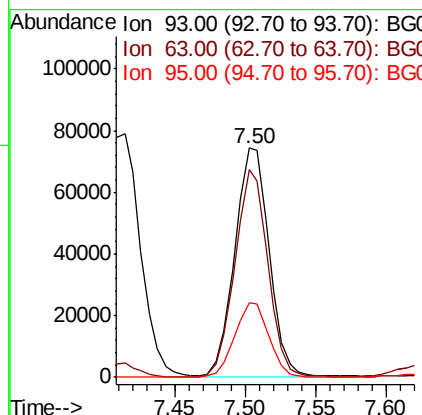
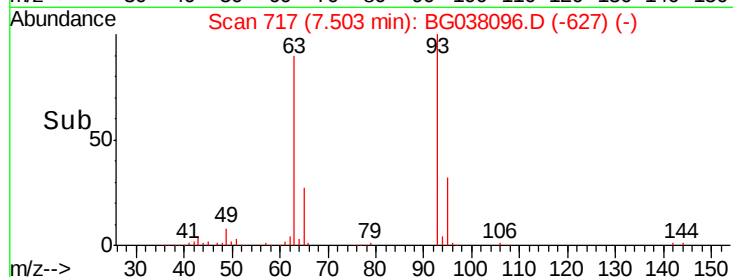
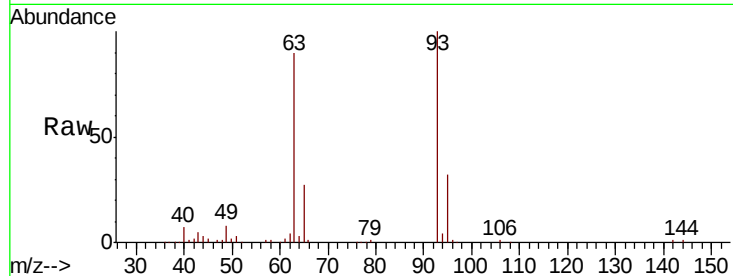
#11
bis(2-Chloroethyl)ether
Concen: 42.846 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.4	69.5	109.5
95	32.4	12.6	52.6

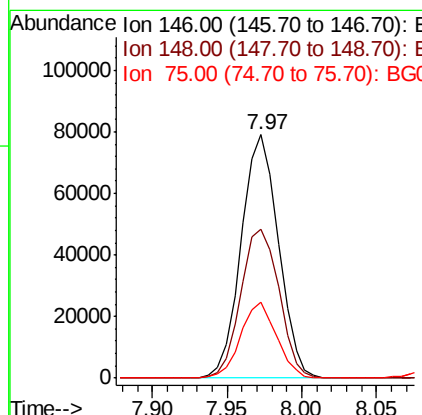
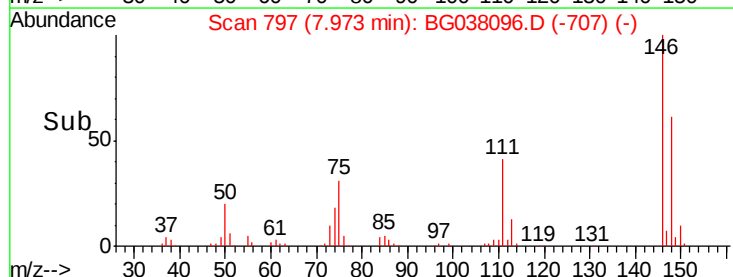
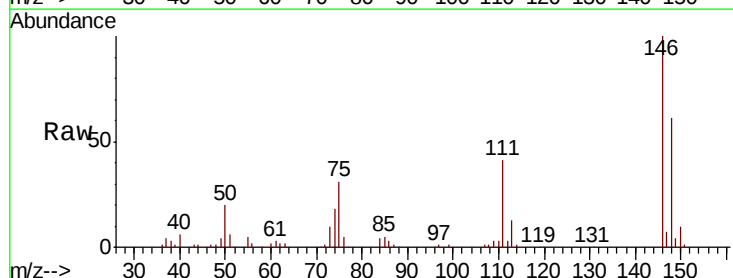
Manual Integrations
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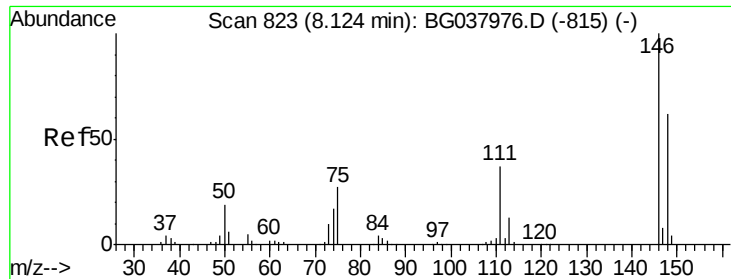
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.346 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.8	74.8
75	31.4	23.2	34.8





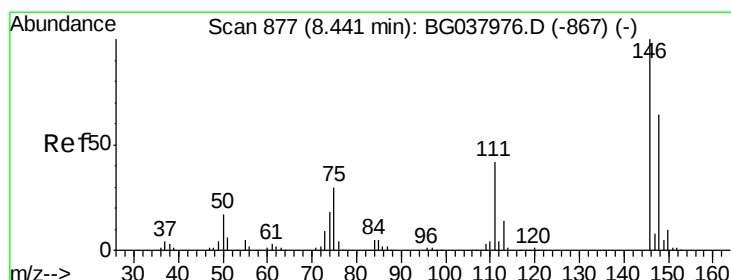
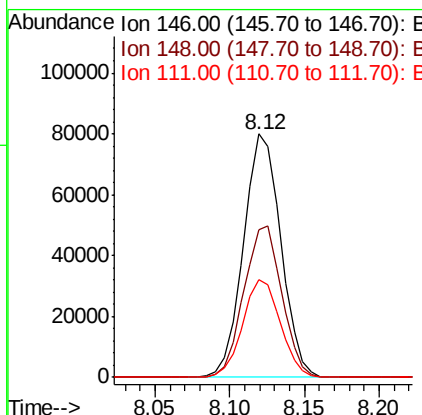
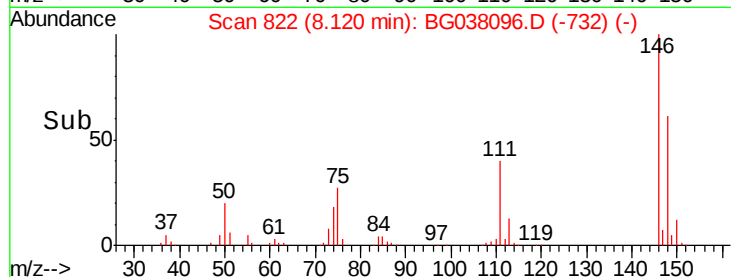
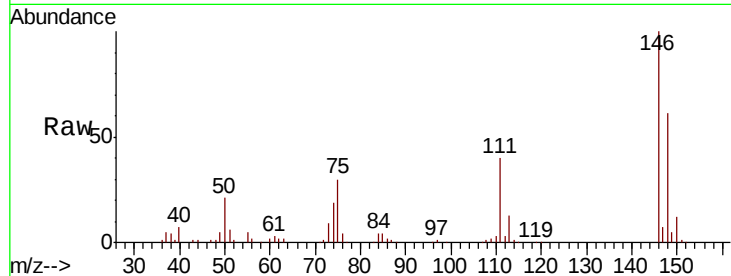
#13
 1,4-Dichlorobenzene
 Concen: 42.549 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleID :
 PB114966BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.0	76.6
111	40.1	32.4	48.6

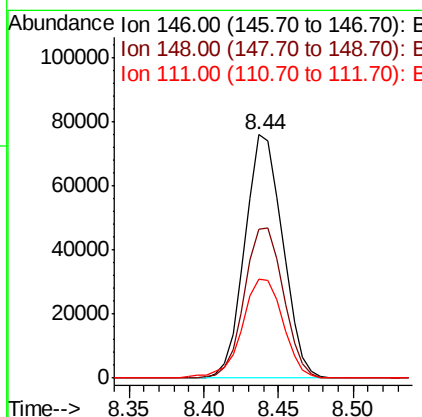
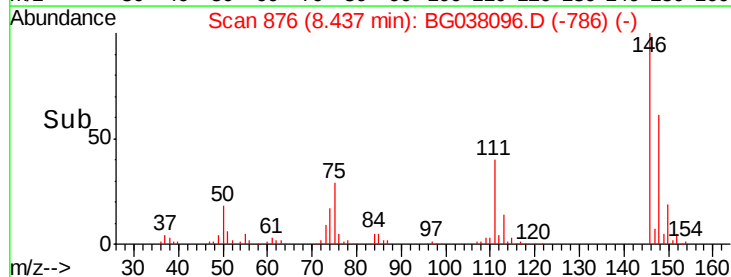
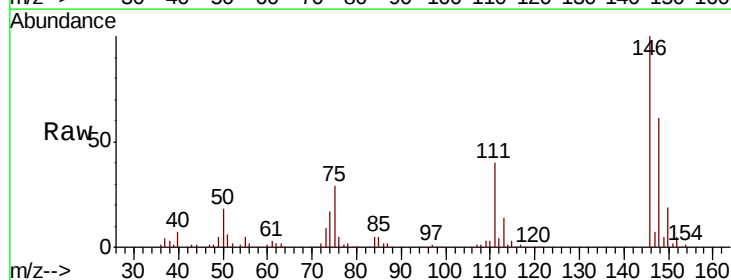
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#14
 1,2-Dichlorobenzene
 Concen: 42.869 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.4	75.6
111	40.5	34.6	51.8





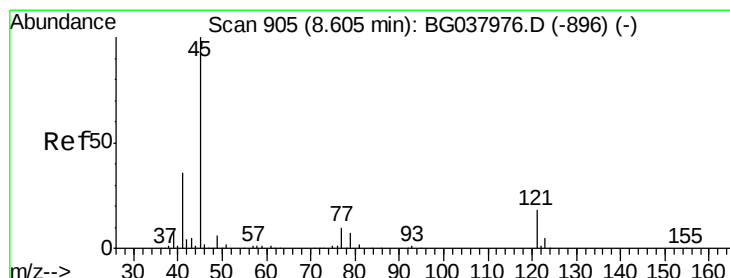
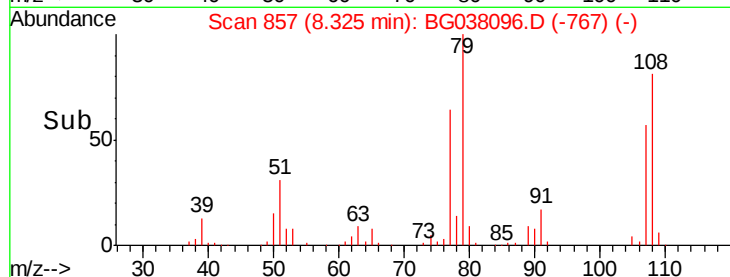
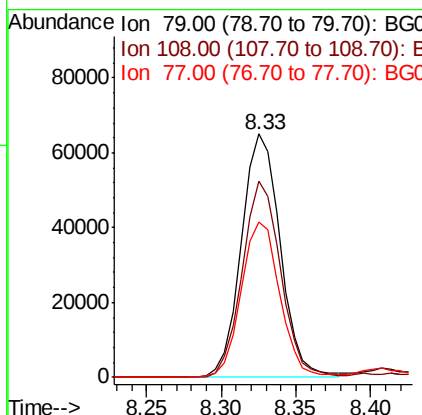
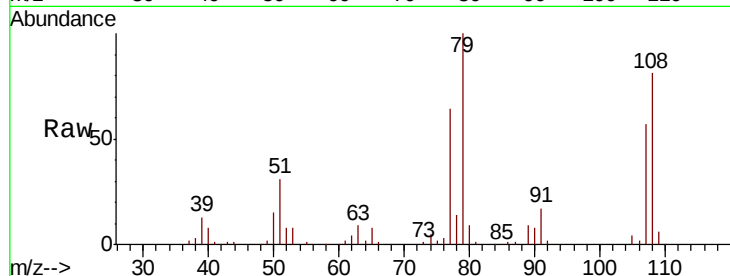
#15
Benzyl Alcohol
Concen: 46.908 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.8	98.8
77	63.7	52.9	79.3

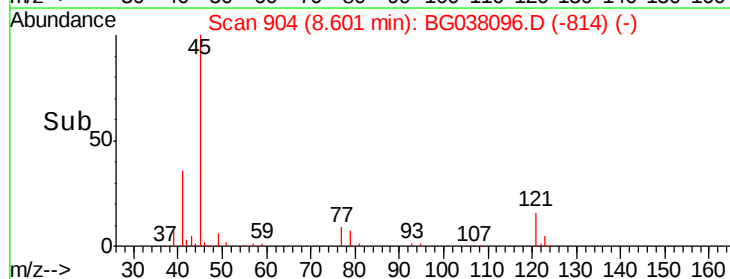
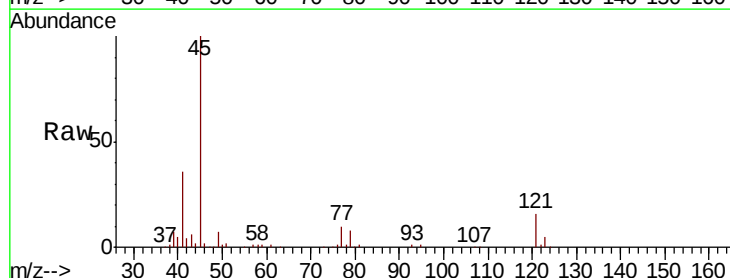
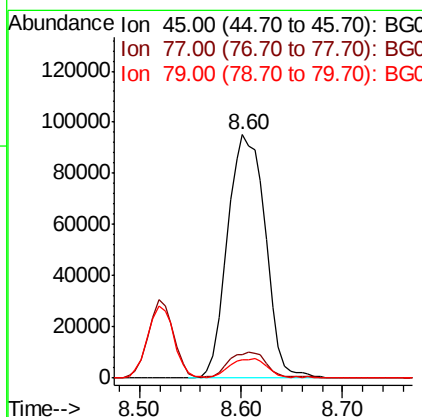
Manual Integrations
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.298 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	30.0
79	7.7	0.0	29.0





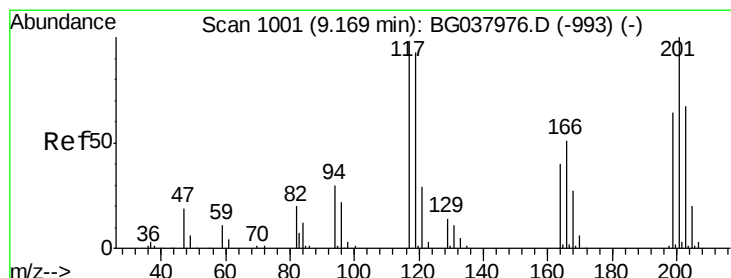
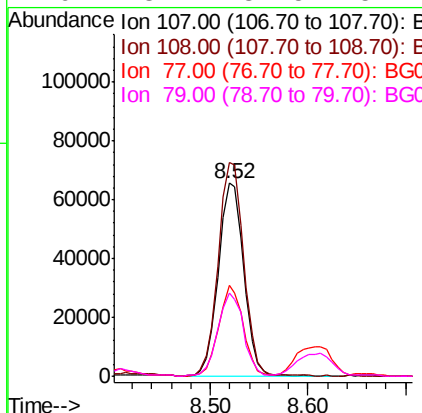
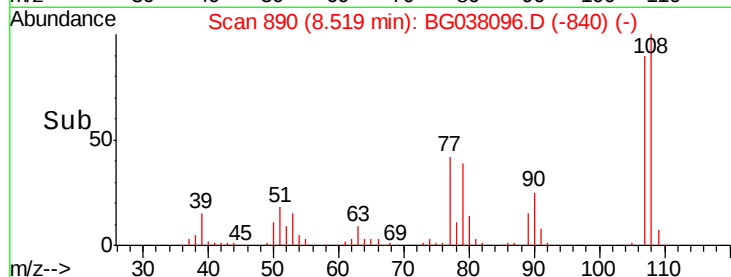
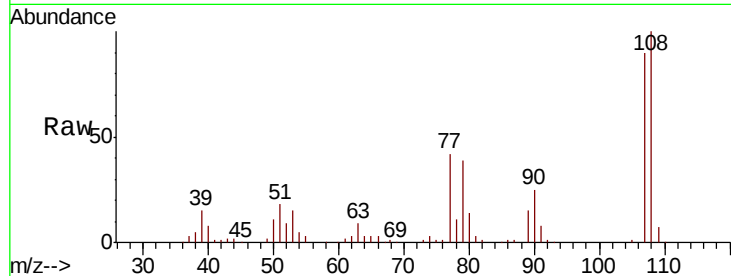
#17
2-Methylphenol
Concen: 48.034 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	87.9	131.9	
77	46.8	35.1	52.7	
79	43.2	34.5	51.7	

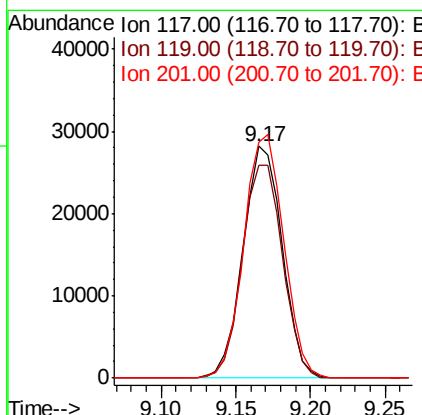
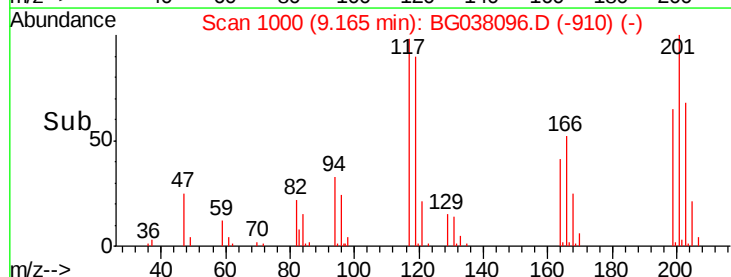
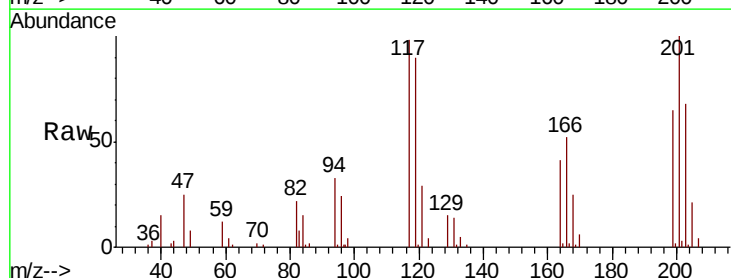
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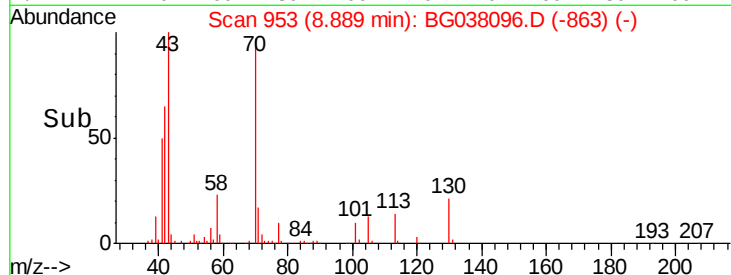
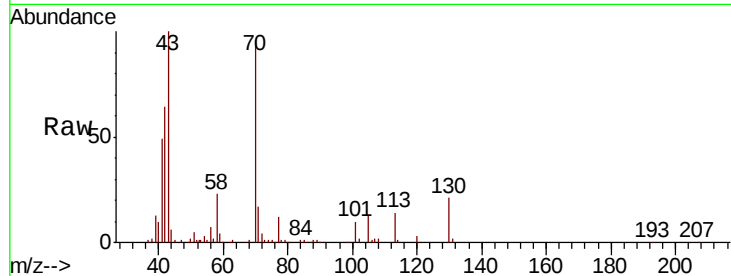
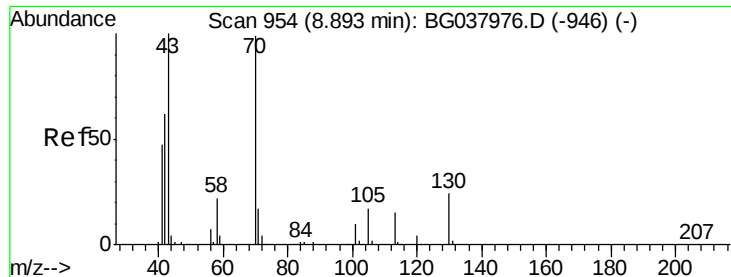
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#18
Hexachloroethane
Concen: 43.174 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	74.6	111.8	
201	104.4	80.8	121.2	





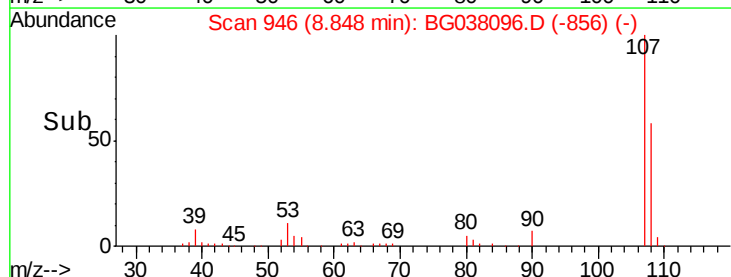
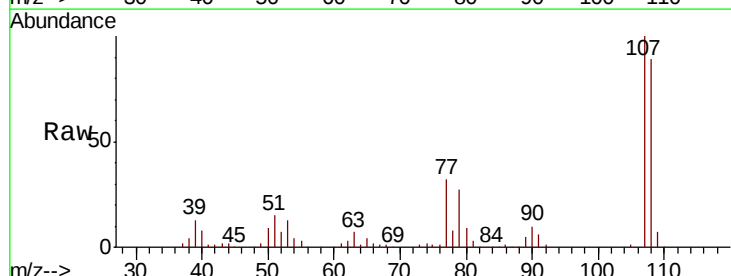
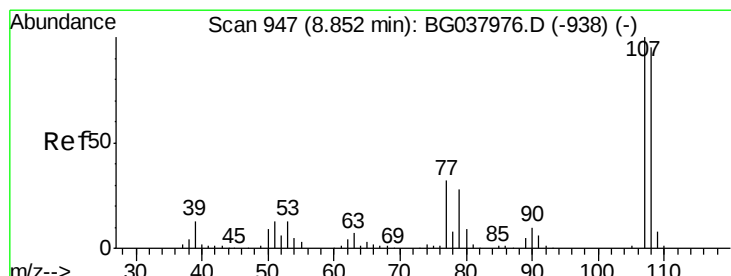
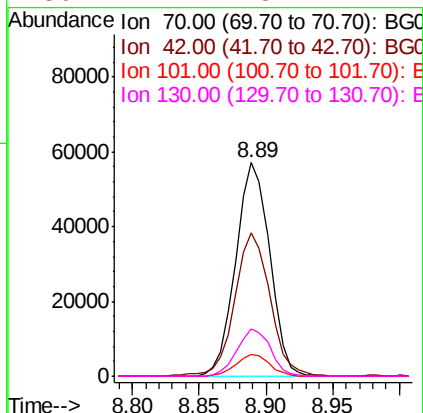
#19
n-Nitroso-di-n-propylamine
Concen: 40.419 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Manual Integrations
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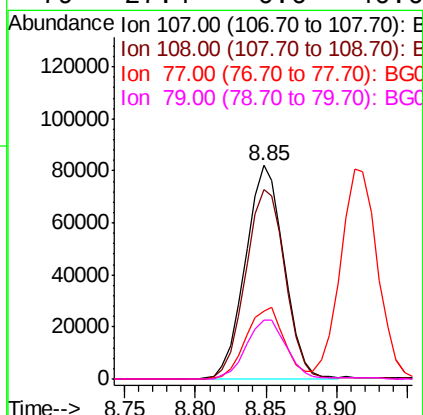
Sohil
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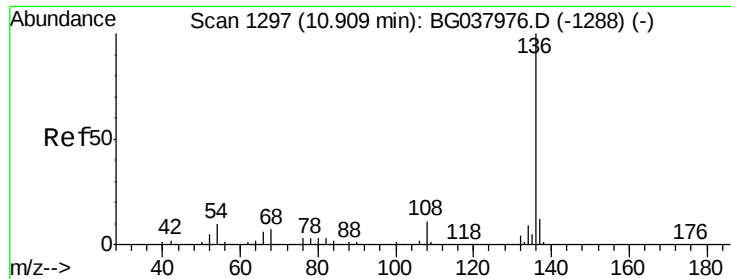
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.0	53.9	80.9	
101	10.2	8.2	12.2	
130	22.1	18.2	27.4	



#20
3+4-Methylphenols
Concen: 45.012 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	69.9	109.9	
77	31.6	11.2	51.2	
79	27.4	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

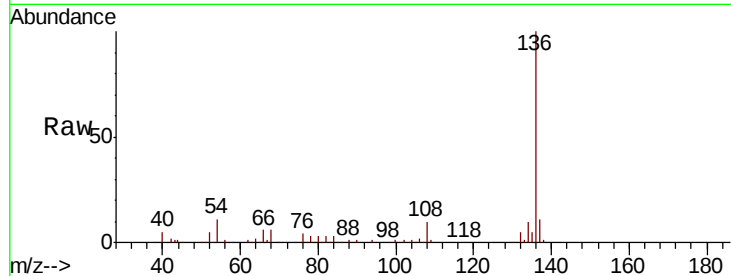
ClientSampleId :

PB114966BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	175627		
137	11.1	9.6	14.4	
54	10.9	7.9	11.9	
68	6.2	4.8	7.2	

Manual Integrations
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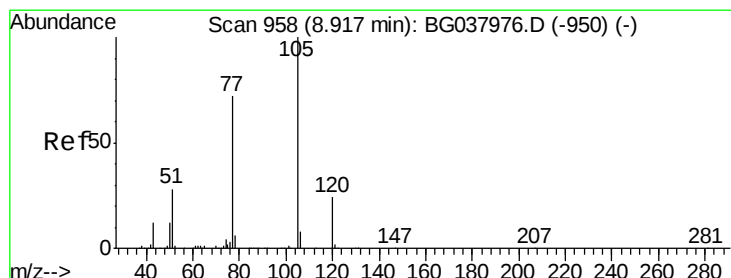
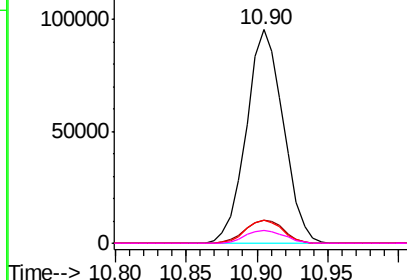
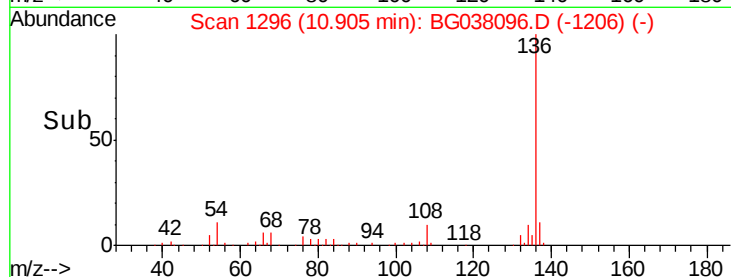
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.723 ng

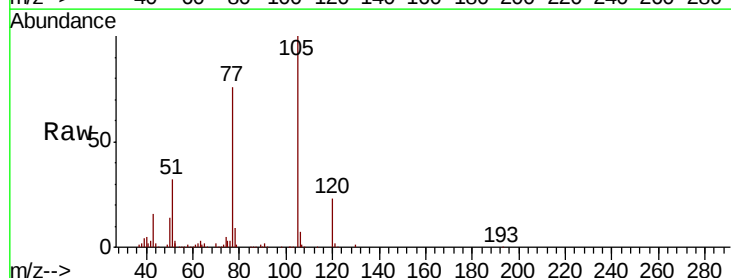
RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191058		
71	0.4	1.2	1.8#	
51	31.7	25.0	37.6	
120	22.8	18.6	28.0	



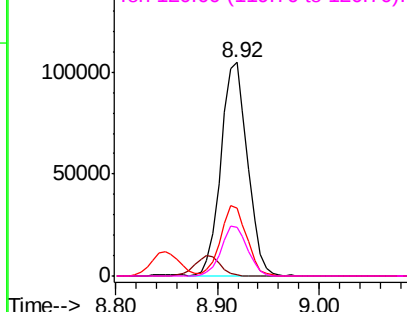
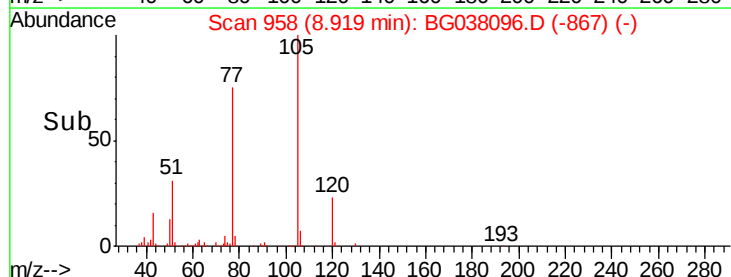
Abundance

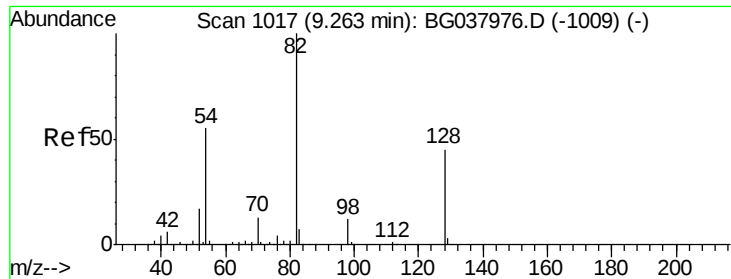
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





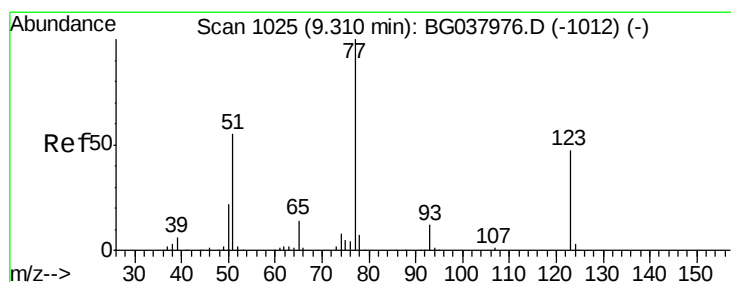
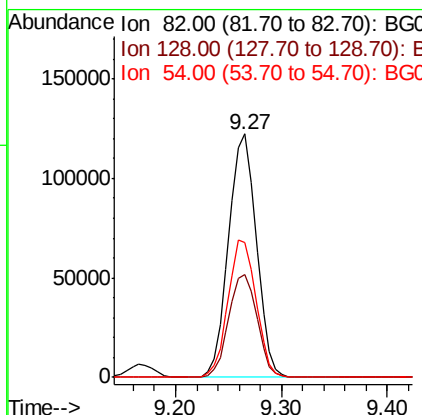
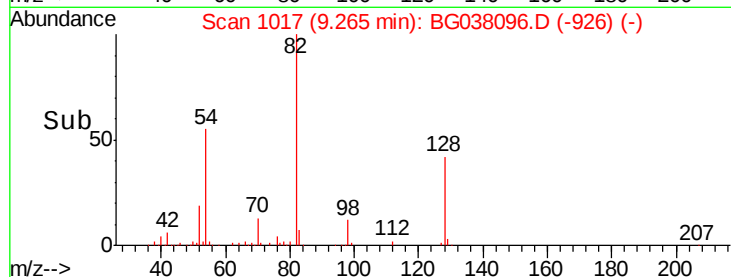
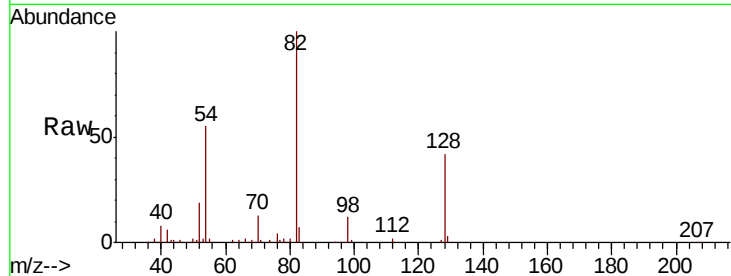
#23
Nitrobenzene-d5
Concen: 68.099 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	55.3	45.3	67.9

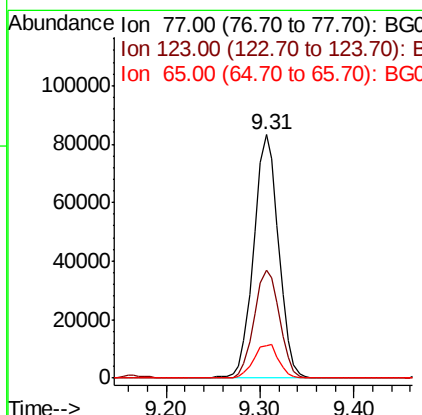
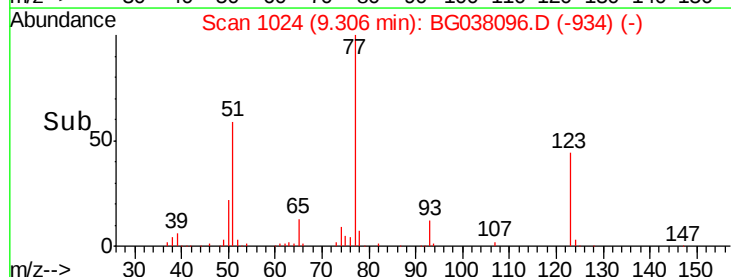
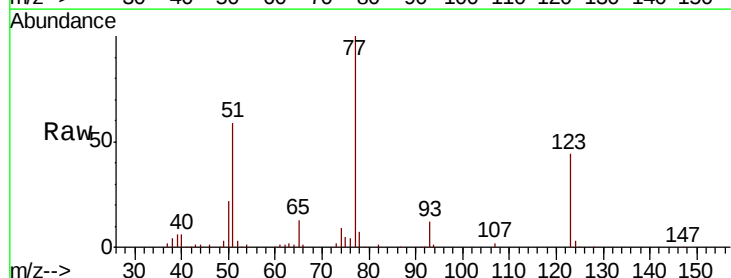
Manual Integrations
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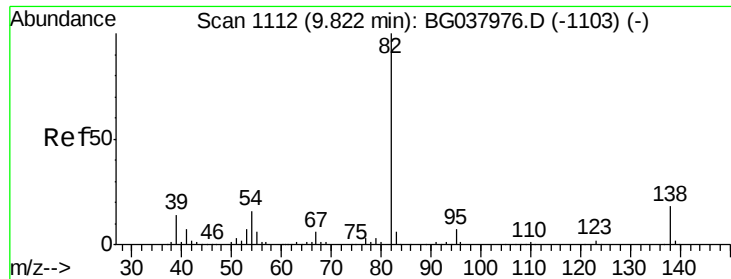
Sohil
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#24
Nitrobenzene
Concen: 45.388 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	13.2	11.3	16.9





#25

Isophorone

Concen: 47.358 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

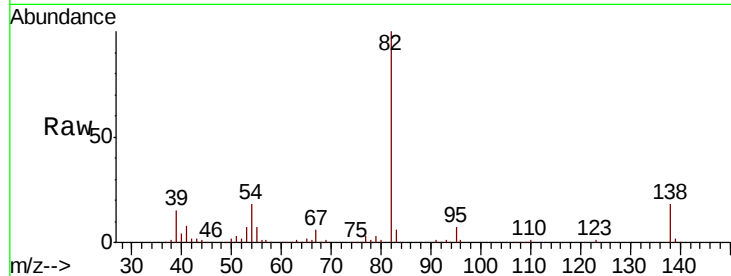
ClientSampleId :

PB114966BSD

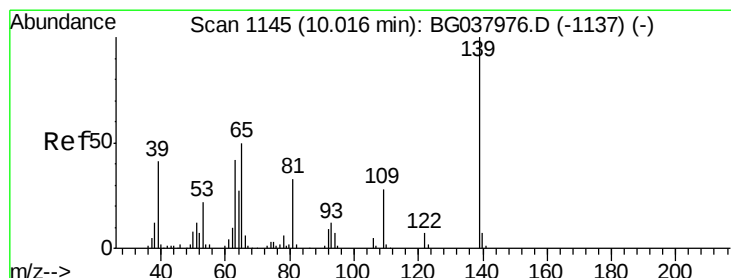
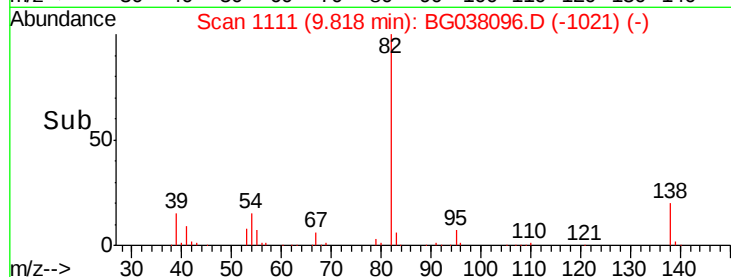
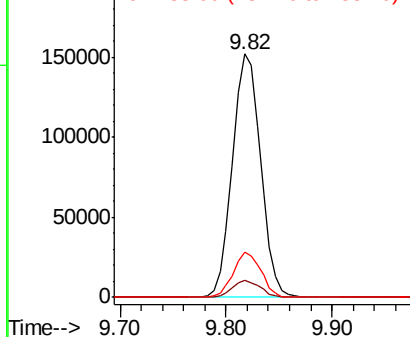
Tot Ion:	82	Resp:	279663
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.4	13.3	19.9

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



#26

2-Nitrophenol

Concen: 44.364 ng

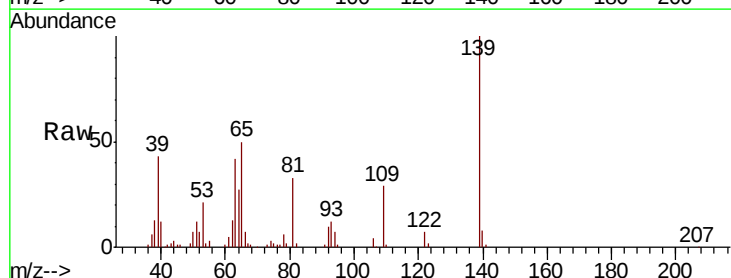
RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

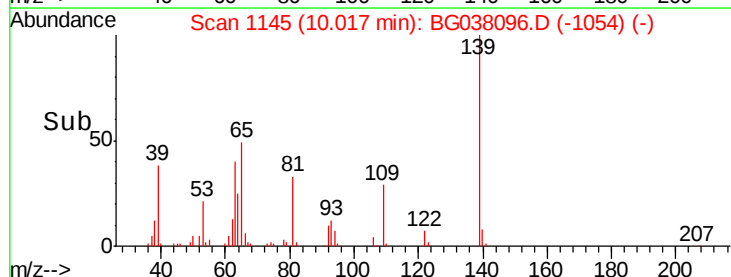
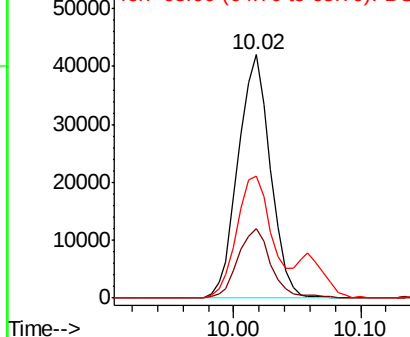
Lab File: BG038096.D

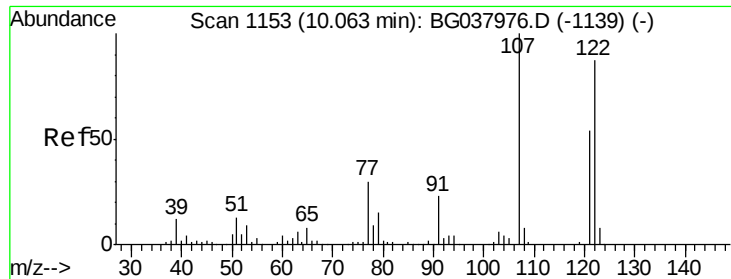
Acq: 20 Nov 2018 22:04

Tgt Ion:	139	Resp:	74332
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.3	34.9
65	50.0	39.8	59.8



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





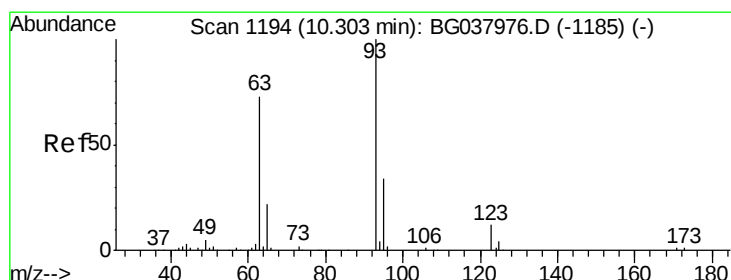
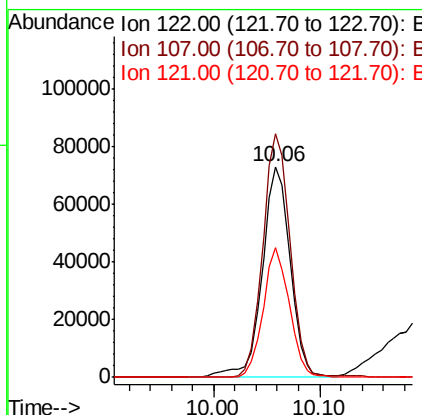
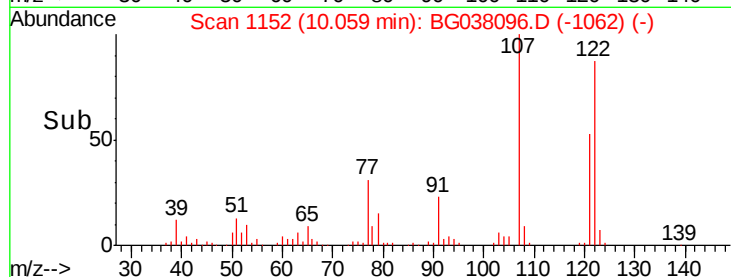
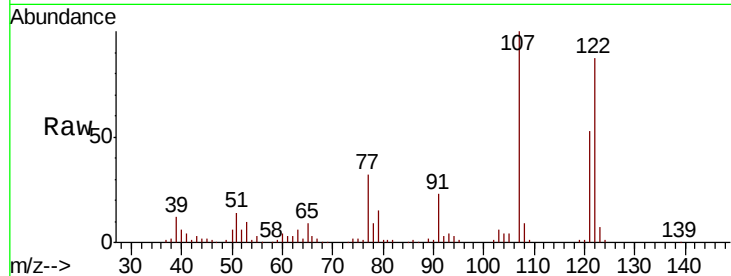
#27
2,4-Dimethylphenol
Concen: 53.337 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	94.2	141.2
121	61.2	47.3	70.9

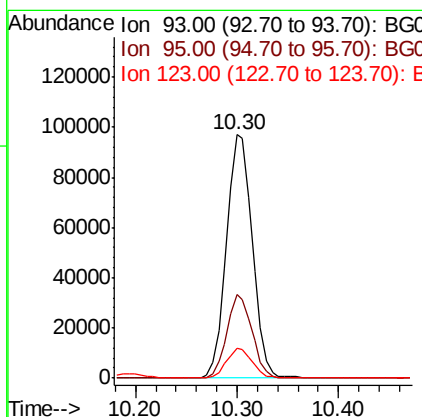
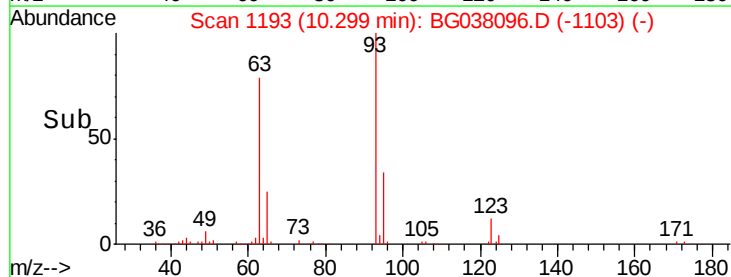
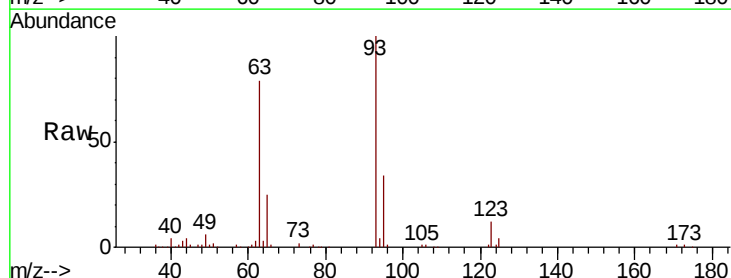
Manual Integrations
APPROVED

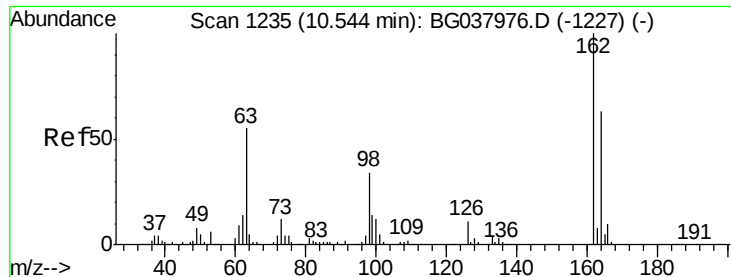
Sohil
11/21/2018 3:23:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.438 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.6	37.0
123	12.2	9.1	13.7





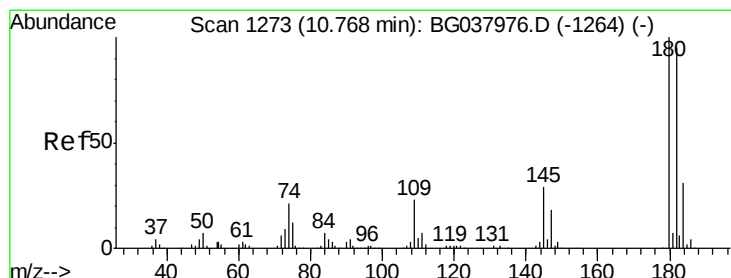
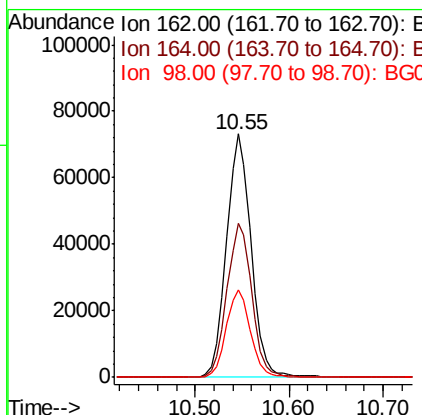
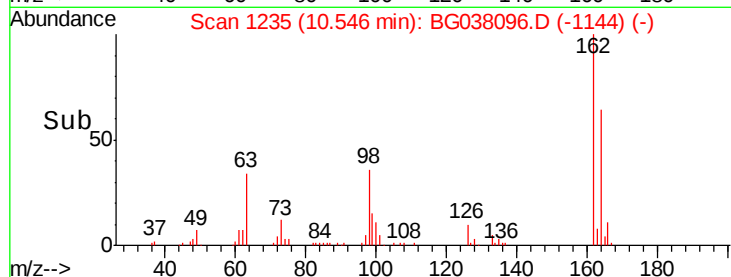
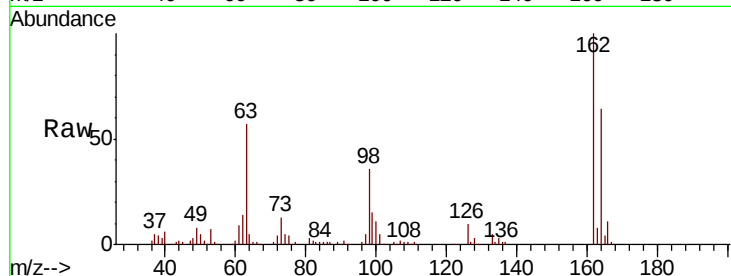
#29
2,4-Dichlorophenol
Concen: 46.931 ng
RT: 10.55 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampled :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	36.0	16.0	56.0

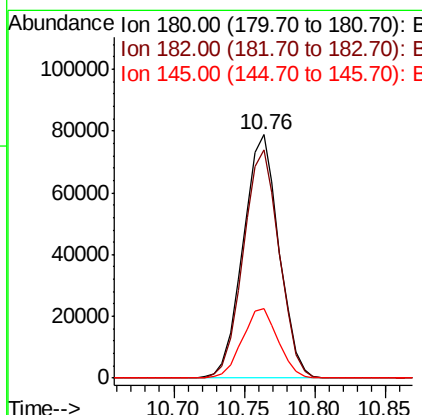
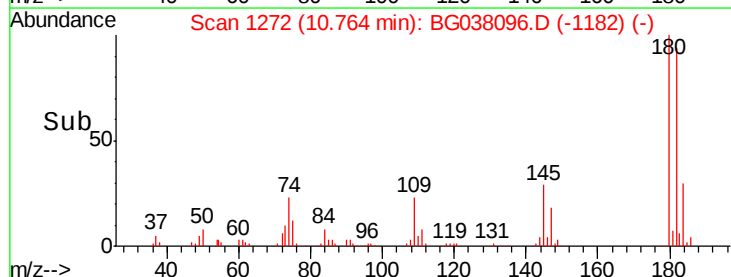
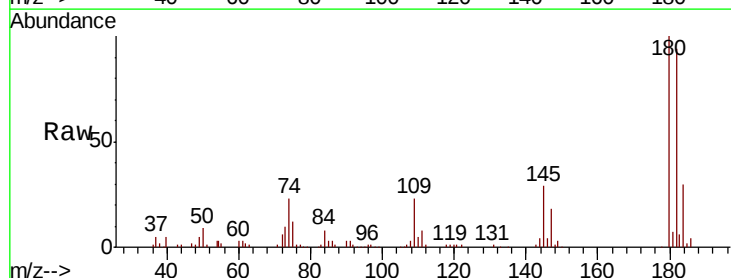
Manual Integrations
APPROVED

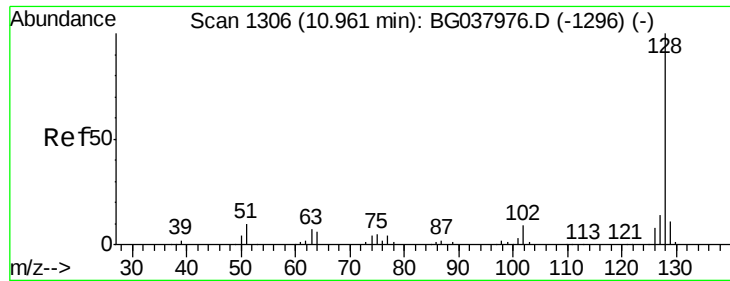
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 44.060 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.7	116.5
145	28.7	23.3	34.9





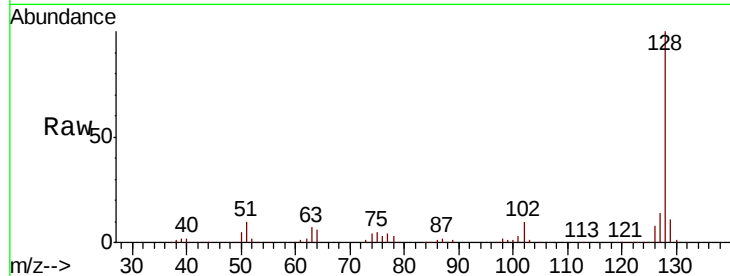
#31
Naphthalene
Concen: 46.799 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.8	11.1	16.7

Manual Integrations
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Sohil
11/21/2018 3:23:15 PM

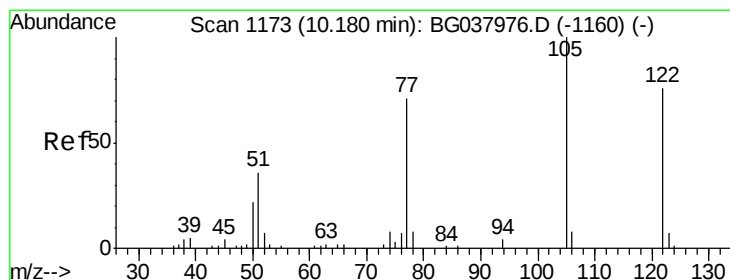
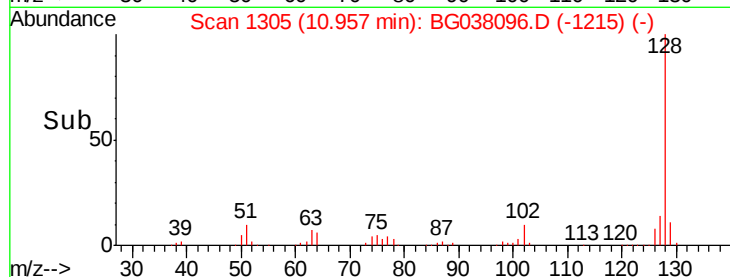
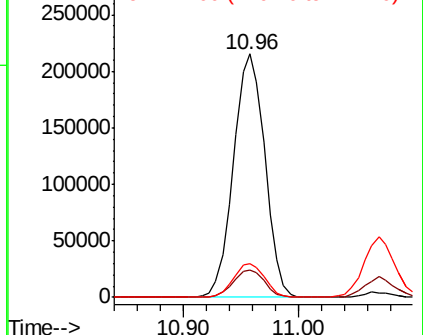


Abundance

Ion 128.00 (127.70 to 128.70): E

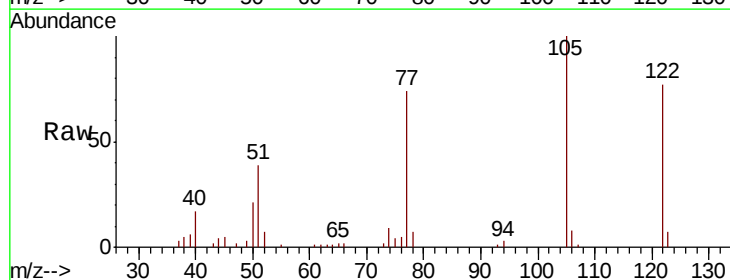
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.749 ng m
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	106.7	146.7
77	95.7	72.2	112.2

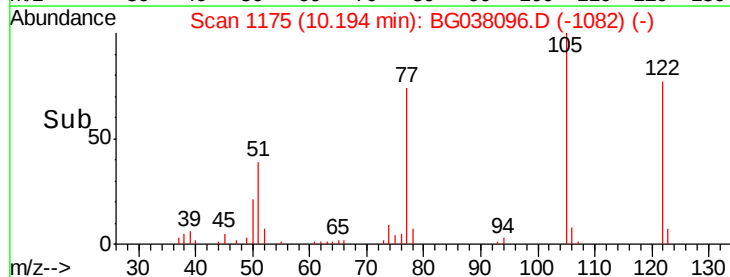
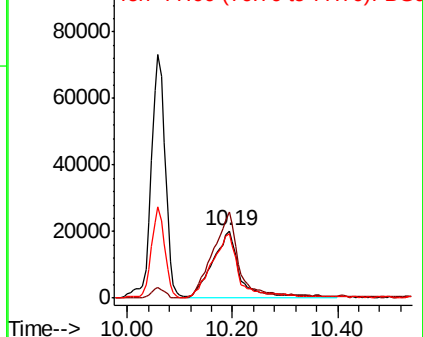


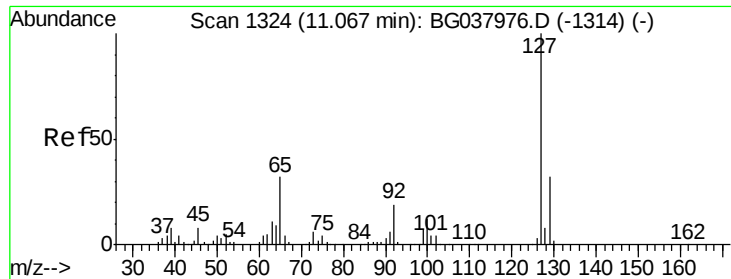
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





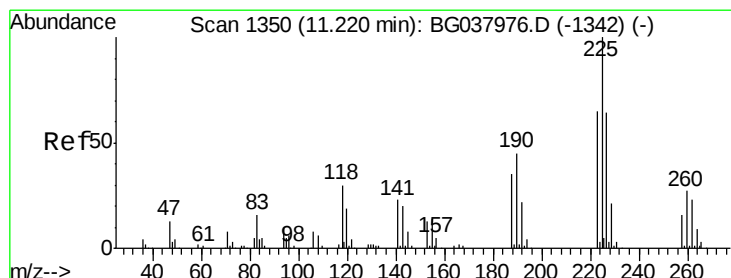
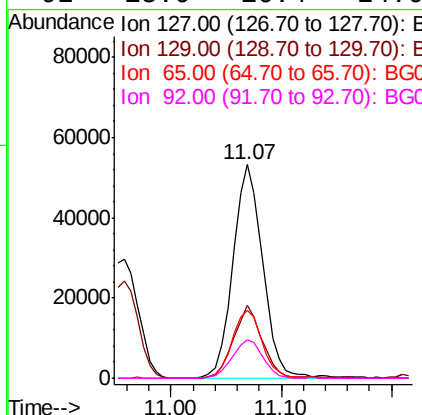
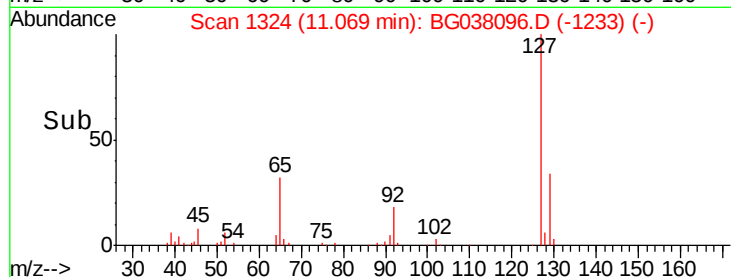
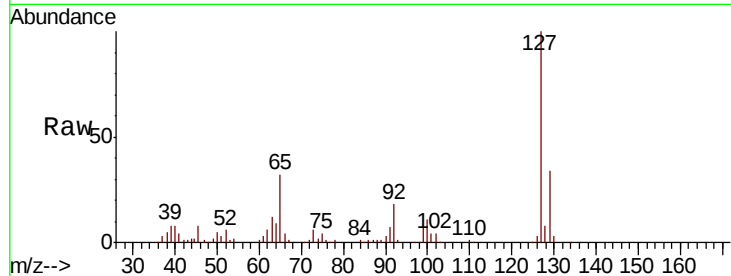
#33
4-Chloroaniline
Concen: 25.147 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.1	40.7
65	32.0	26.6	39.8
92	18.0	16.4	24.6

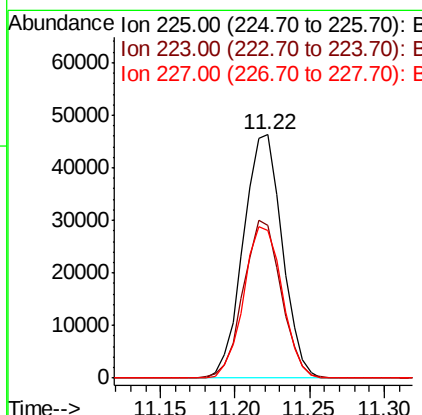
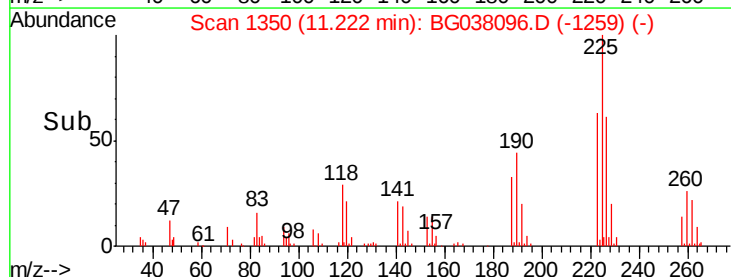
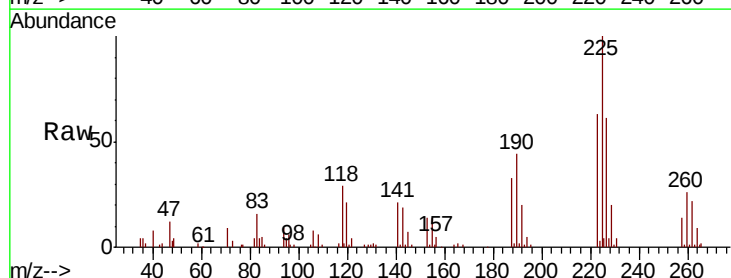
Manual Integrations
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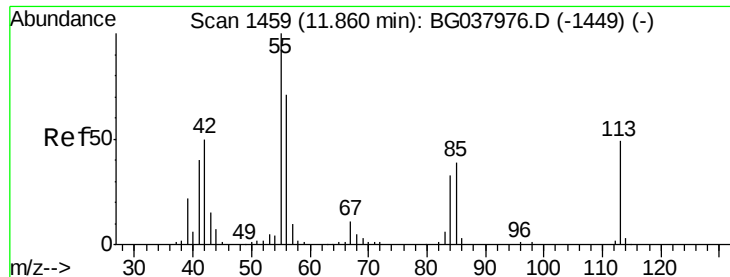
Sohil
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#34
Hexachlorobutadiene
Concen: 42.638 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	61.6	51.6	77.4





#35

Caprolactam

Concen: 41.276 ng/ml

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleID :

PB114966BSD

Tot Ion:113 Resp: 46913

Ion Ratio Lower Upper

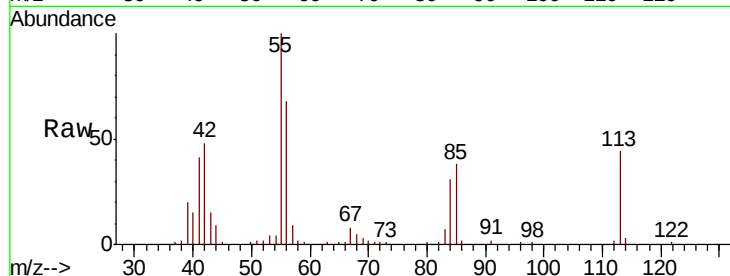
113 100

55 225.1 176.6 216.6#

56 153.0 128.3 168.3

Manual Integrations
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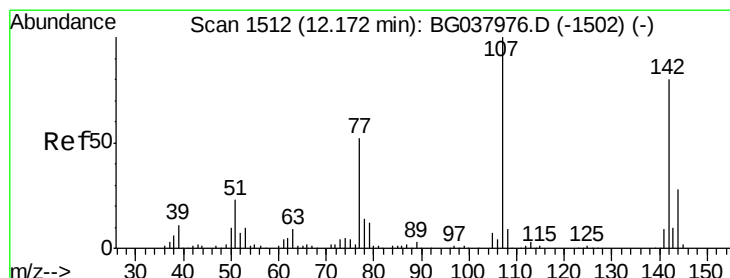
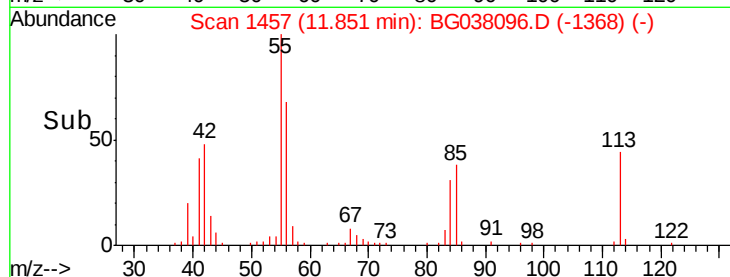
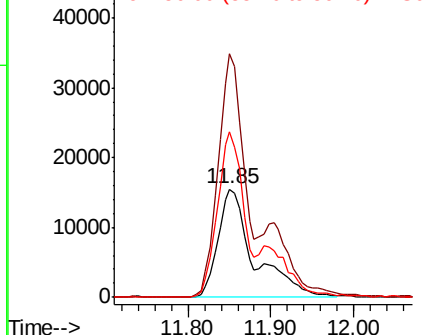
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.319 ng/ml

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

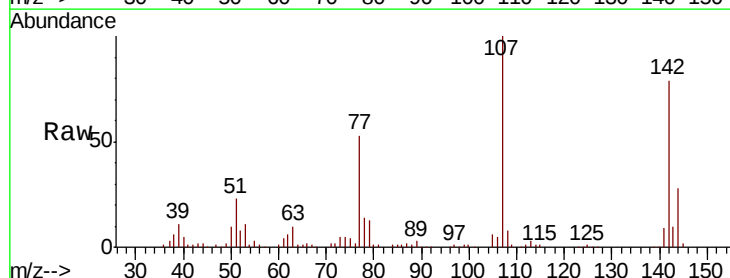
Tgt Ion:107 Resp: 143692

Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

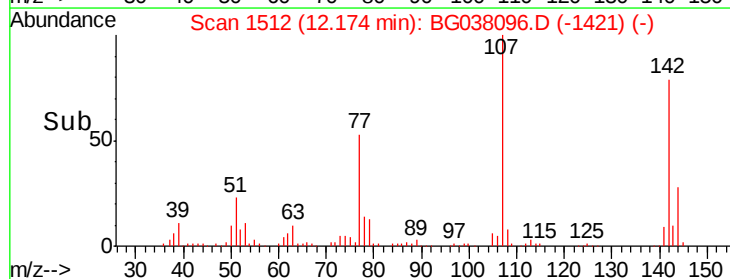
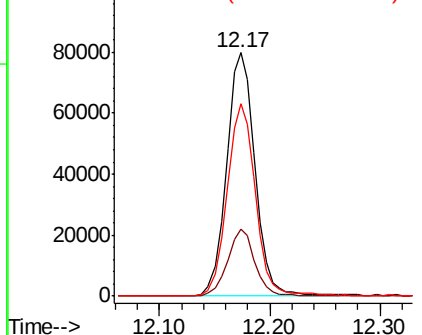
142 78.8 64.4 96.6

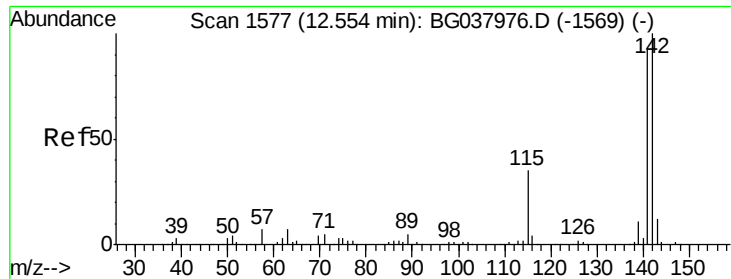


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





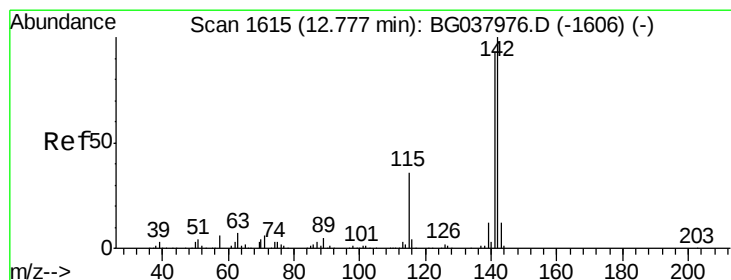
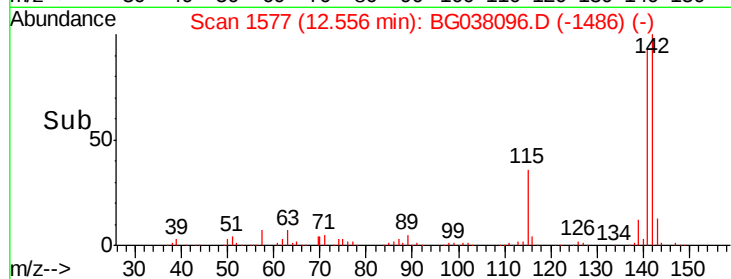
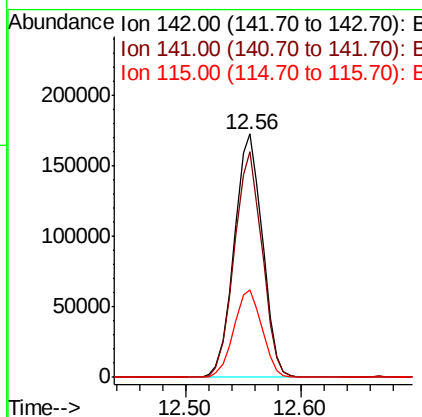
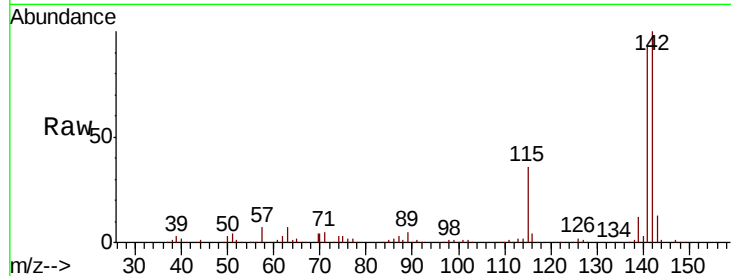
#37
 2-Methylnaphthalene
 Concen: 47.043 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9
115	35.8	27.8	41.8

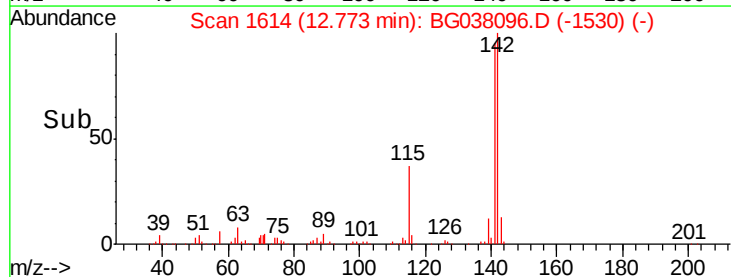
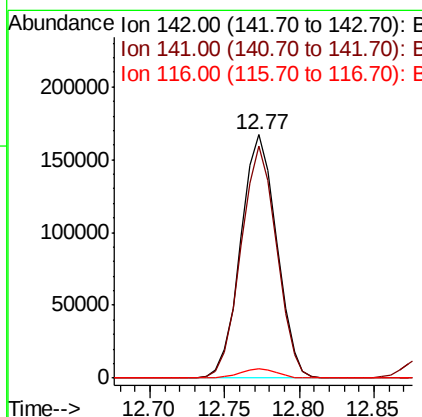
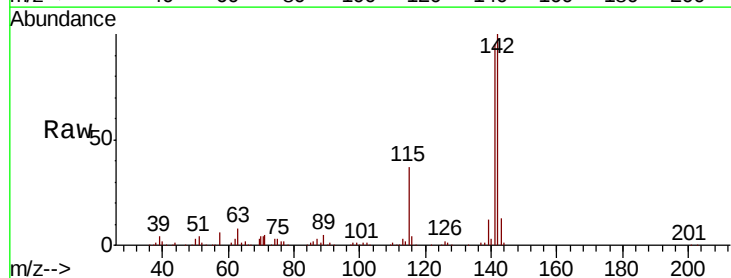
Manual Integrations
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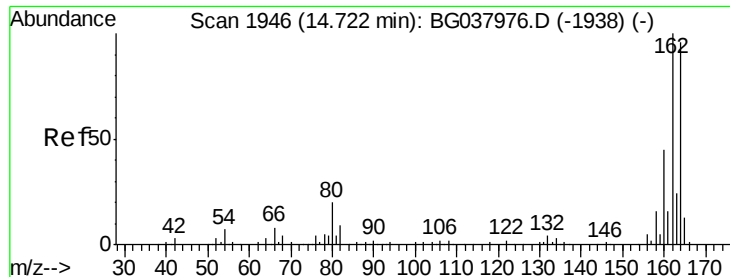
Sohil
 11/21/2018 3:23:15 PM



#38
 1-Methylnaphthalene
 Concen: 46.777 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.2	112.8
116	4.0	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: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

Tot Ion:164 Resp: 110034

Ion Ratio Lower Upper

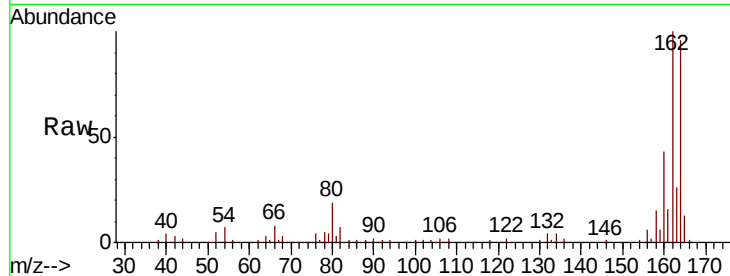
164 100

162 104.2 81.3 121.9

160 45.3 36.3 54.5

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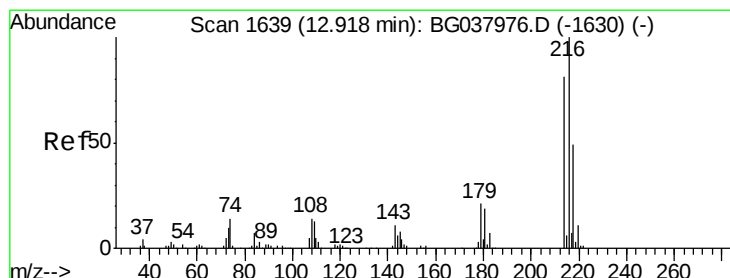
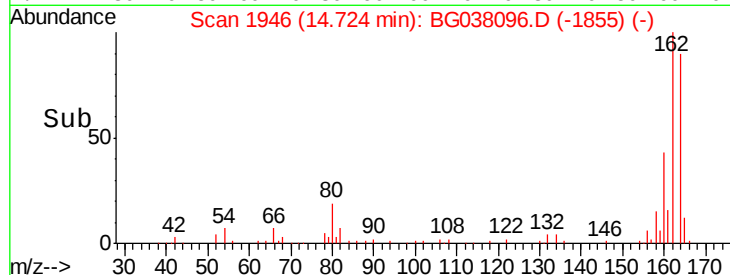
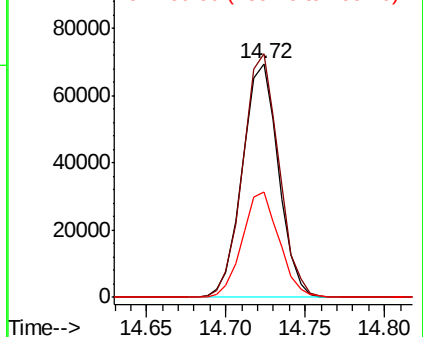


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.424 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:216 Resp: 152311

Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 21.1 17.4 26.0

108 20.0 13.9 20.9

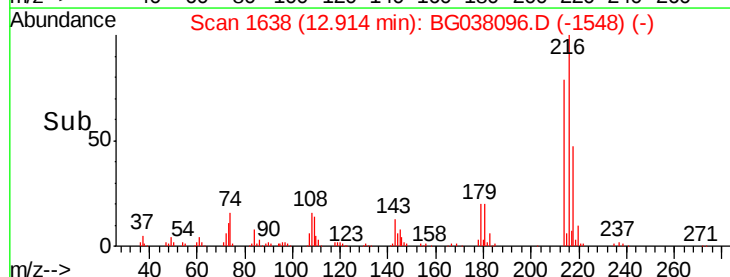
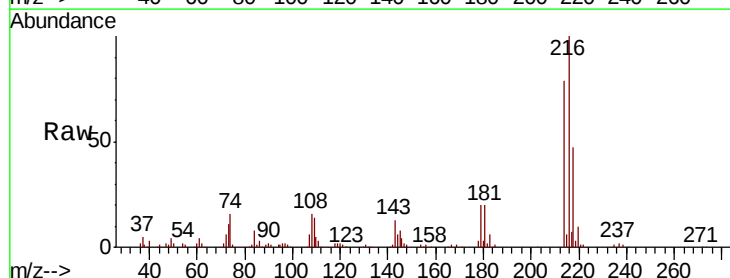
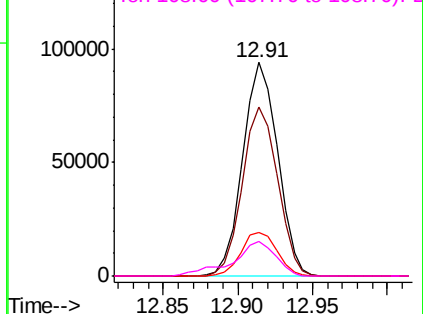
Abundance

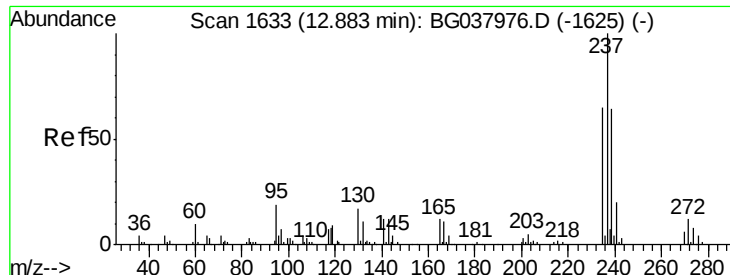
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.112 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

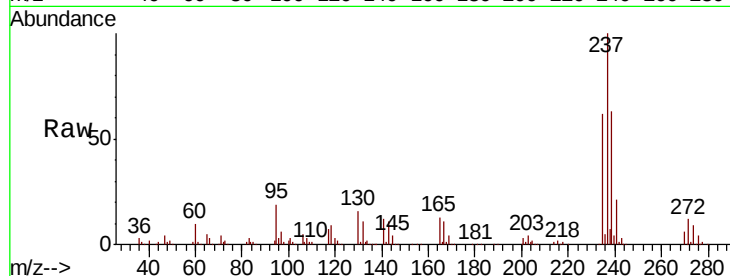
ClientSampleId :

PB114966BSD

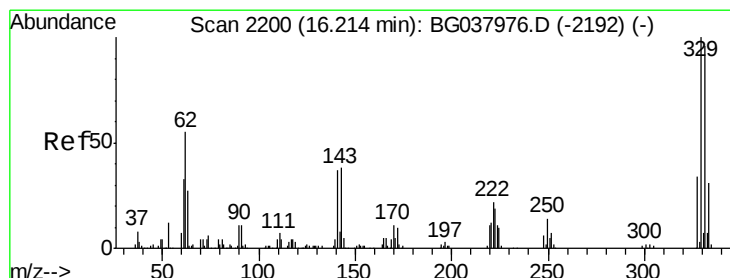
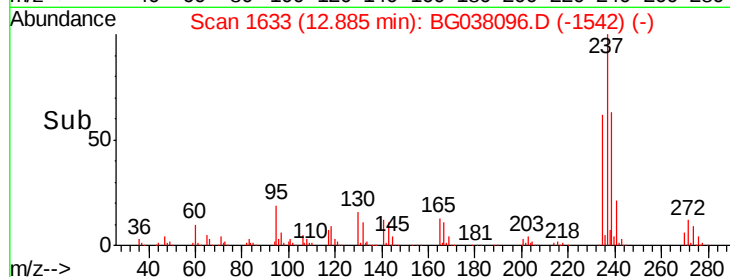
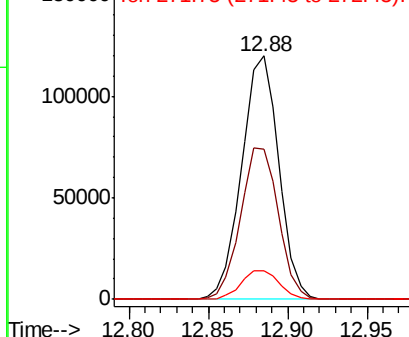
Tot Ion:	237	Resp:	195137
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.5	82.5
272	11.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 131.448 ng

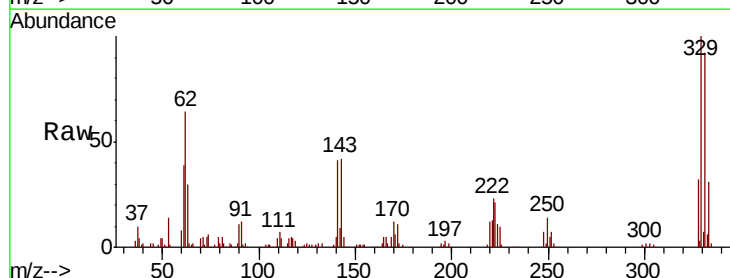
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

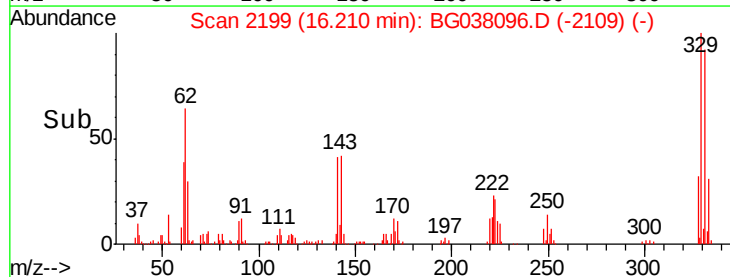
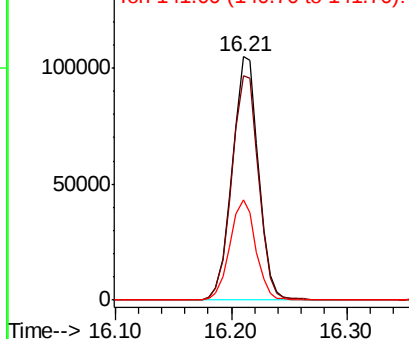
Lab File: BG038096.D

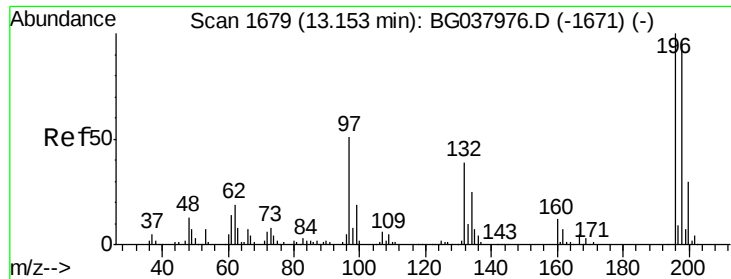
Acq: 20 Nov 2018 22:04

Tgt Ion:	330	Resp:	164955
Ion Ratio	Lower	Upper	
330	100		
332	94.3	78.4	117.6
141	40.6	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





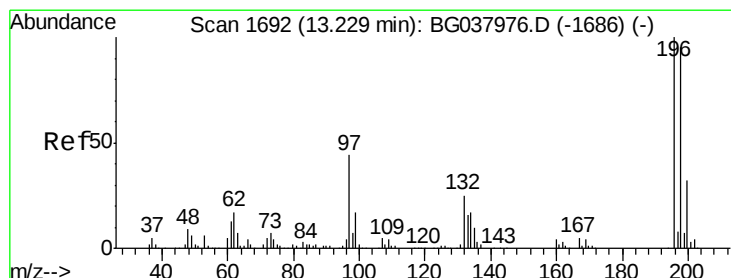
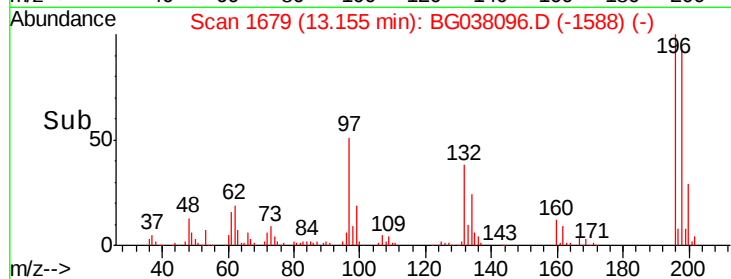
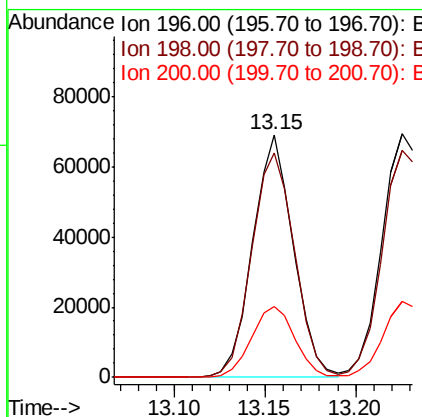
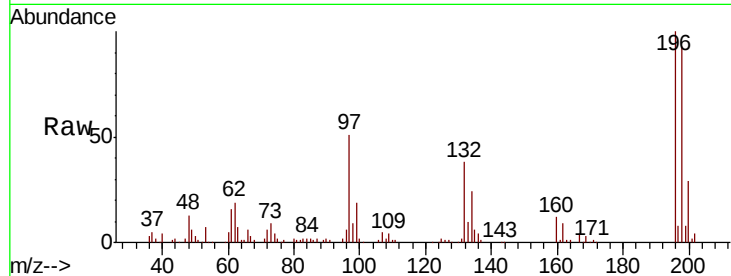
#43
 2,4,6-Trichlorophenol
 Concen: 43.002 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107742		
198	92.6	76.4	114.6	
200	29.4	24.9	37.3	

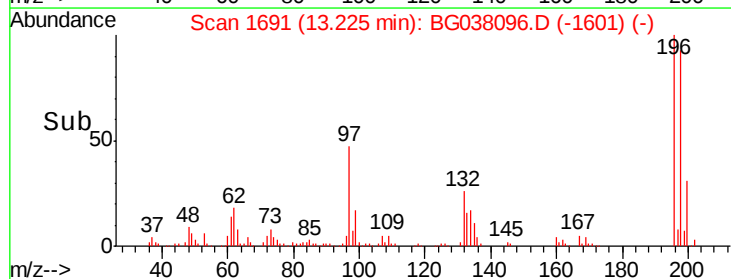
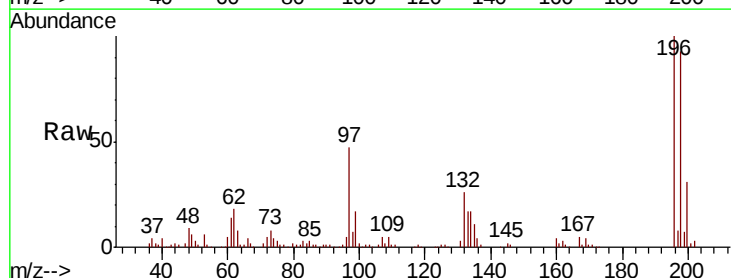
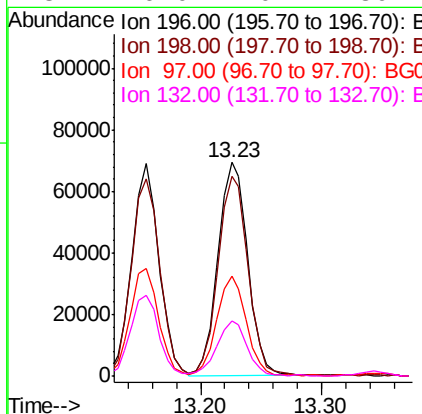
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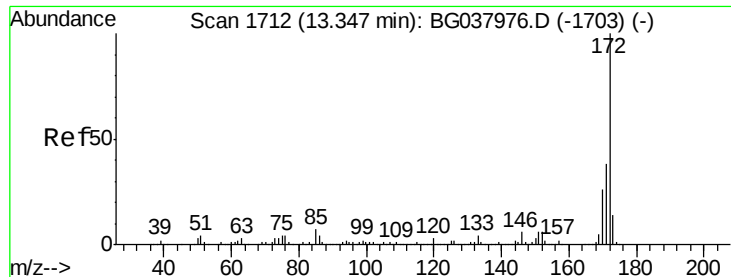
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#44
 2,4,5-Trichlorophenol
 Concen: 44.604 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117588		
198	93.3	74.2	111.2	
97	46.7	34.1	51.1	
132	26.0	20.2	30.4	





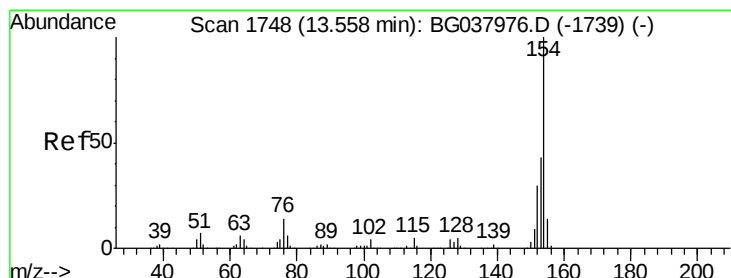
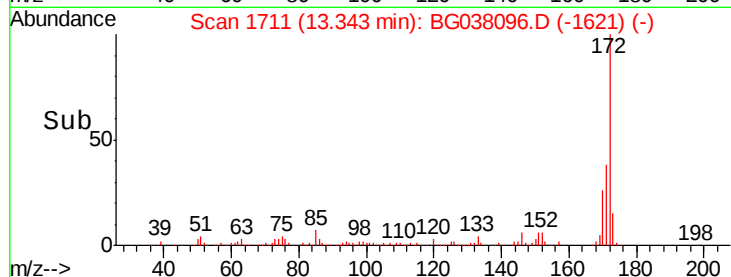
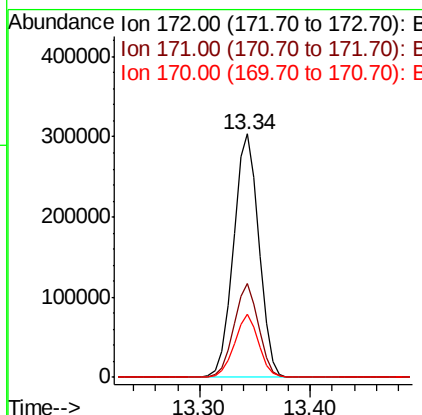
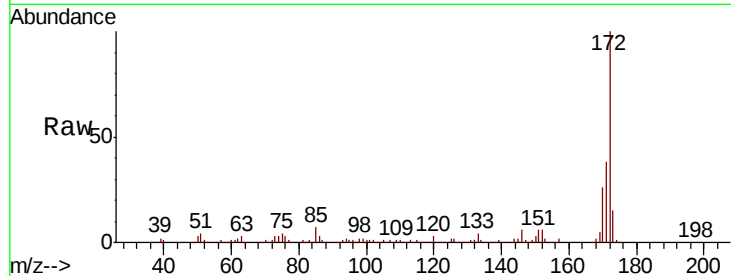
#45
2-Fluorobiphenyl
Concen: 64.598 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	26.1	20.2	30.2

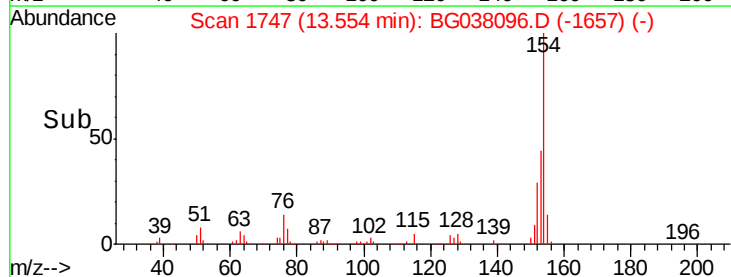
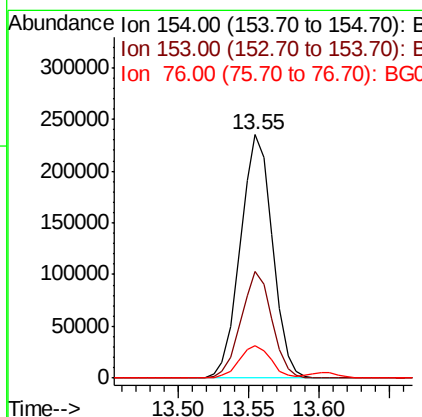
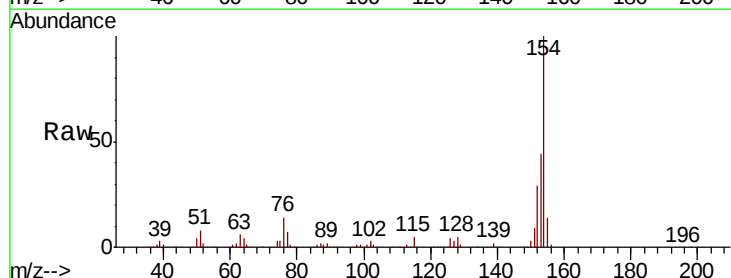
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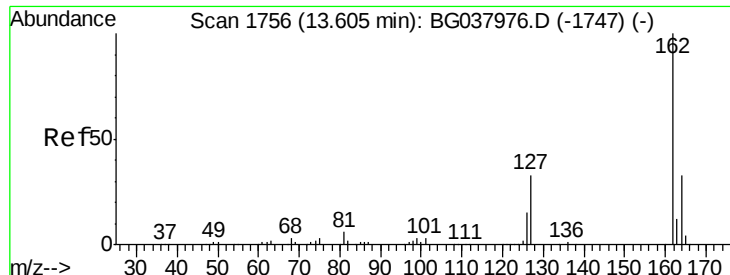
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#46
1,1'-Biphenyl
Concen: 40.330 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	22.1	62.1
76	13.5	0.0	33.2





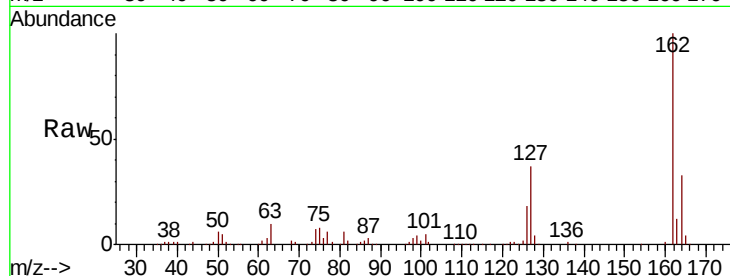
#47
 2-Chloronaphthalene
 Concen: 41.835 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

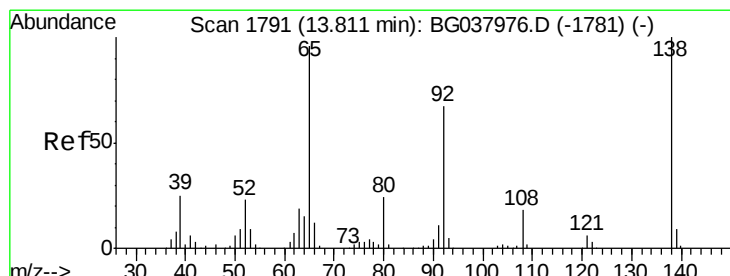
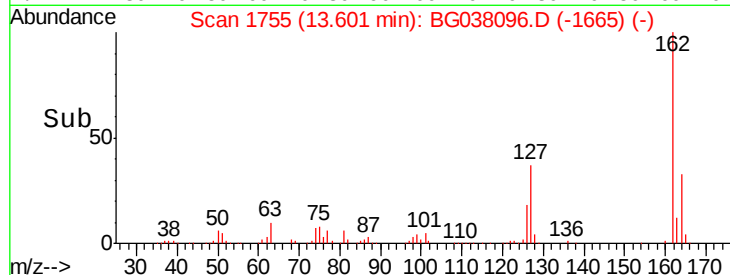
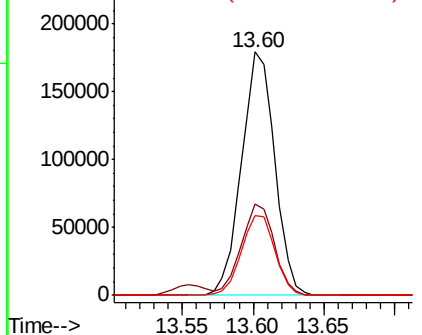
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	32.8	26.4	39.6

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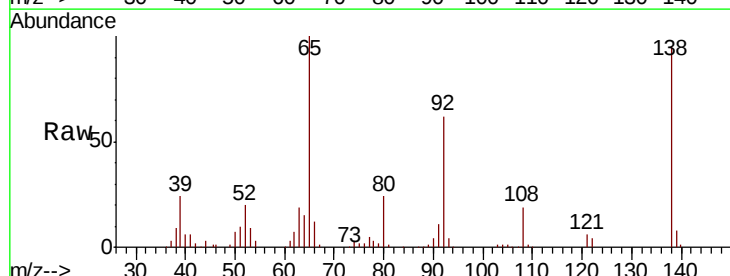


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

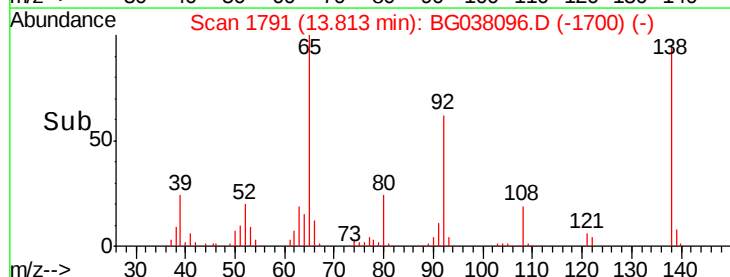
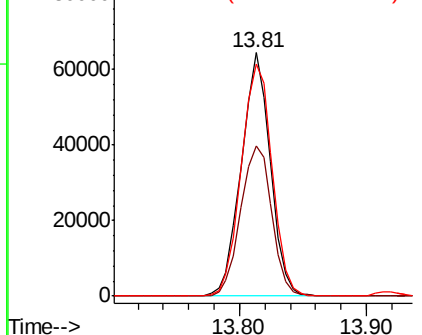


#48
 2-Nitroaniline
 Concen: 46.188 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	53.2	79.8
138	95.3	79.3	118.9



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





#49

Acenaphthylene

Concen: 46.127 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

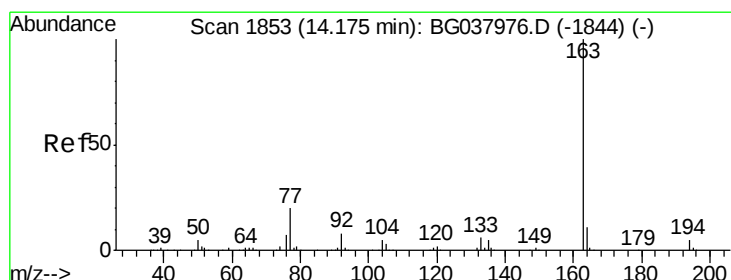
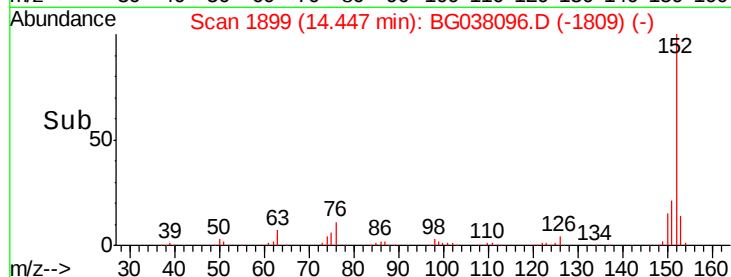
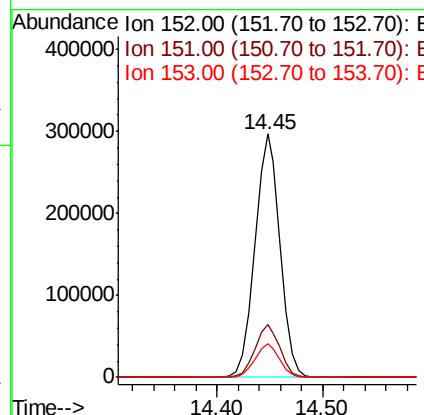
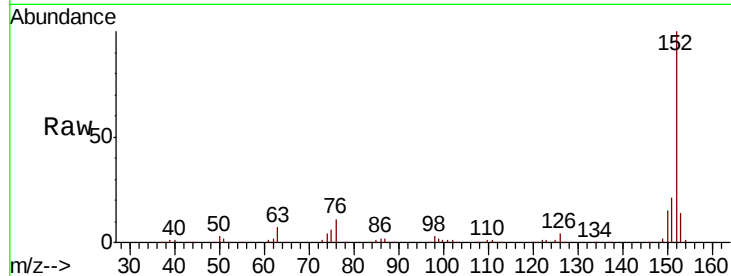
ClientSampleId :

PB114966BSD

Tot Ion:	152	Resp:	489301
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	13.6	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.849 ng

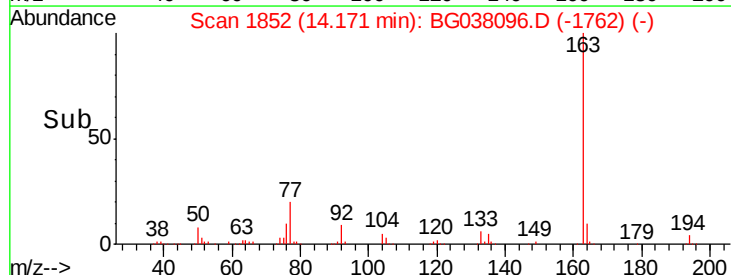
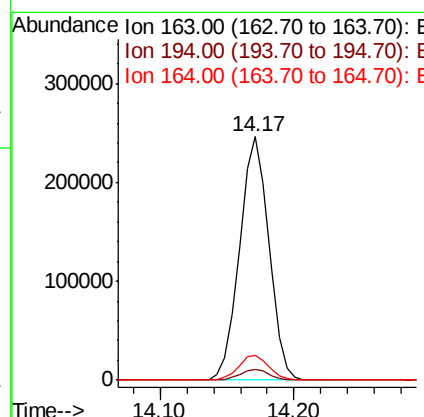
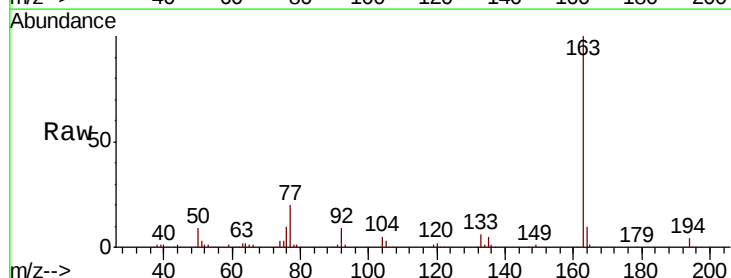
RT: 14.17 min Scan# 1852

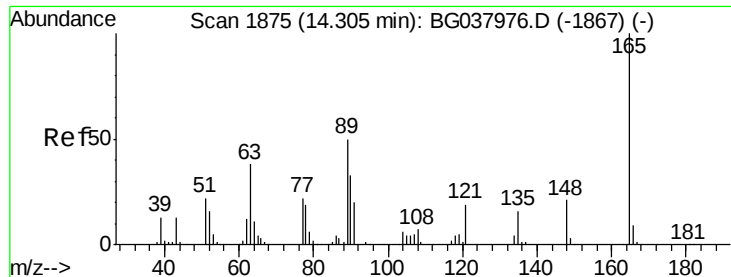
Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:	163	Resp:	373785
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.2	8.5	12.7





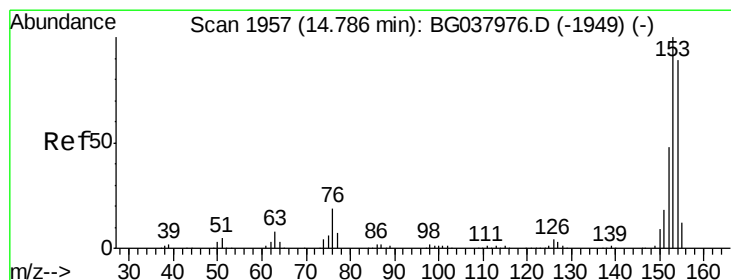
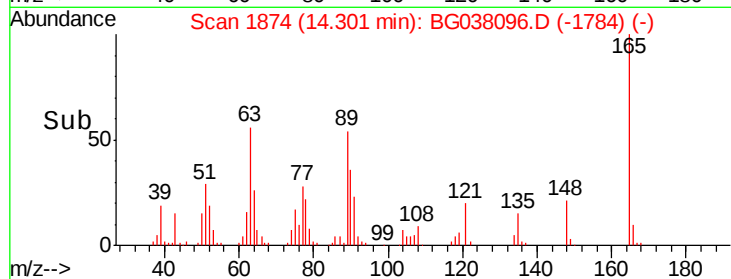
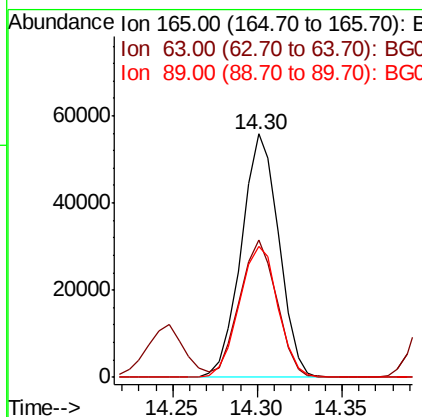
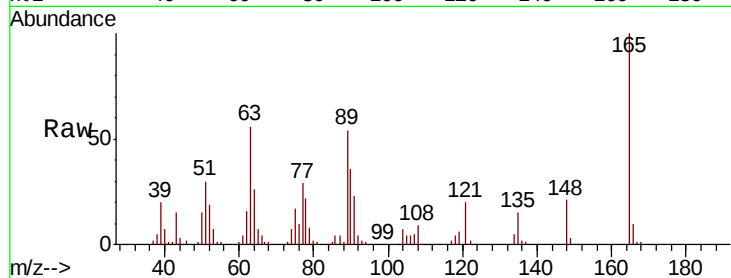
#51
 2,6-Dinitrotoluene
 Concen: 43.748 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	43.4	65.2
89	53.6	45.8	68.6

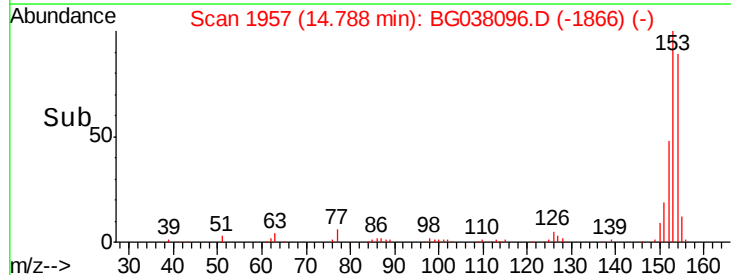
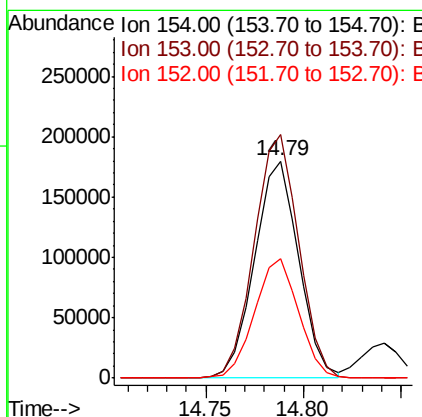
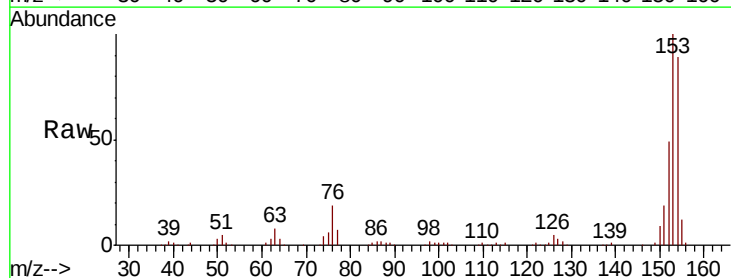
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#52
 Acenaphthene
 Concen: 43.982 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	93.4	140.0
152	54.8	44.7	67.1





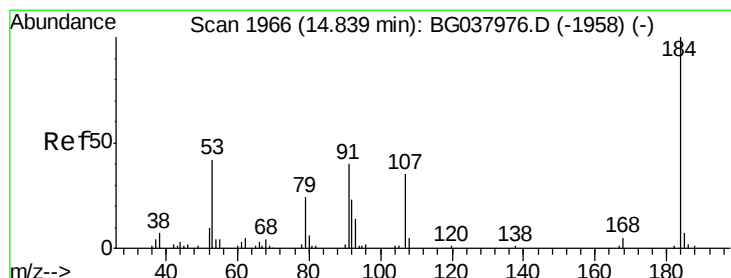
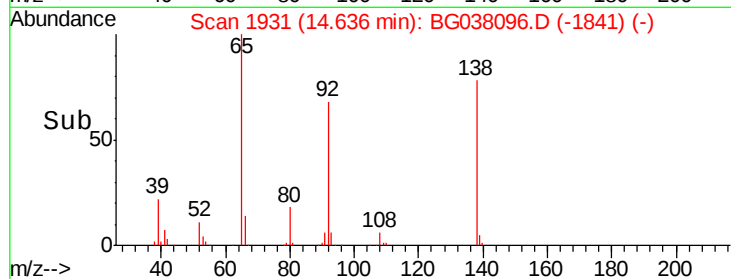
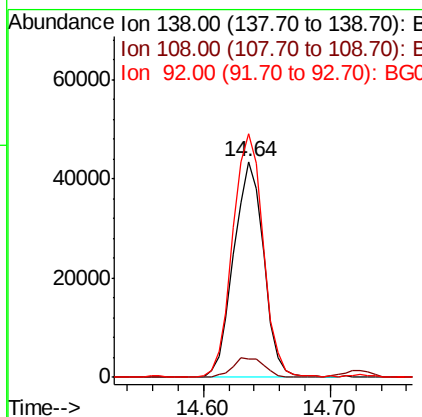
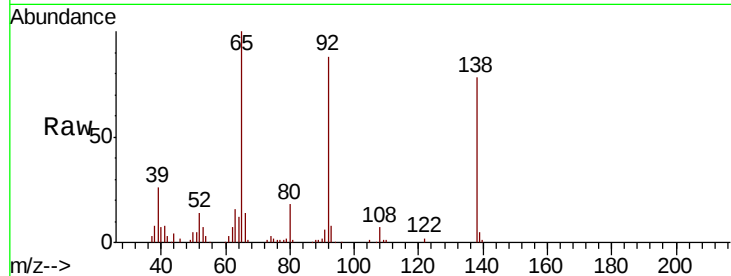
#53
 3-Nitroaniline
 Concen: 32.648 ng
 RT: 14.64 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.7	11.0	16.6#
92	112.9	95.2	142.8

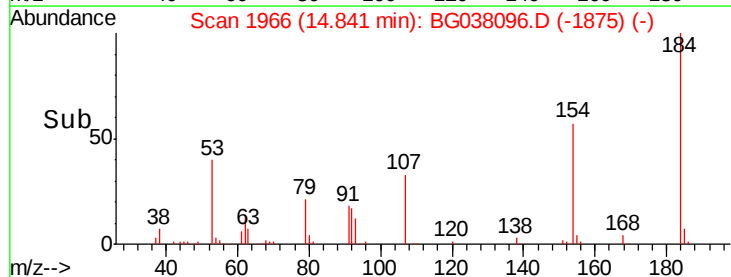
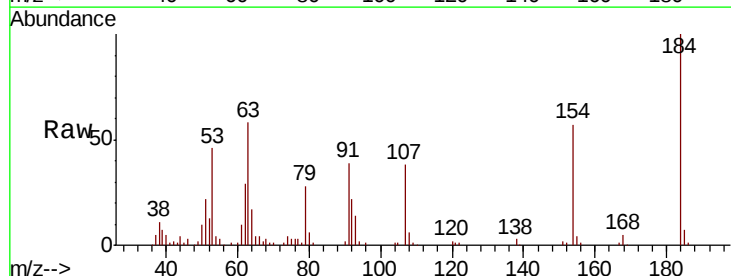
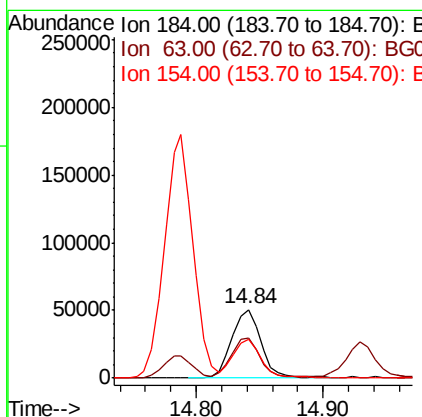
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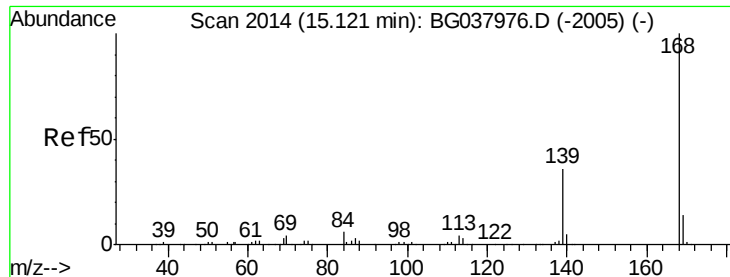
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#54
 2,4-Dinitrophenol
 Concen: 76.331 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	42.6	63.8
154	57.1	41.8	62.6





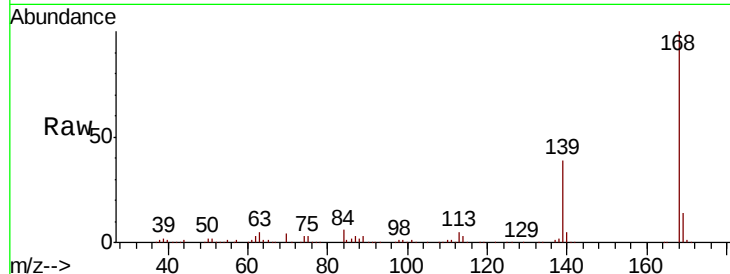
#55
Dibenzofuran
Concen: 42.931 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

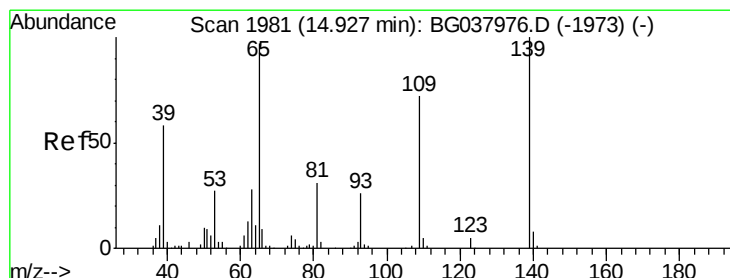
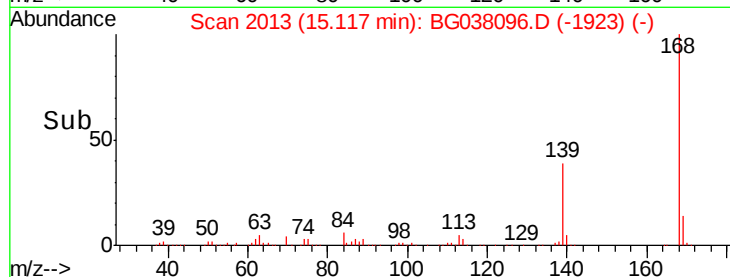
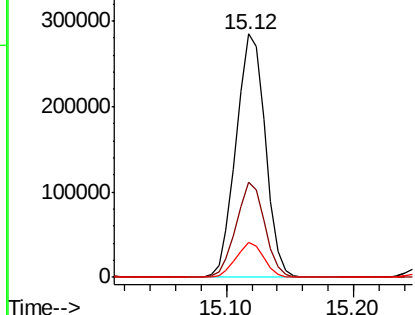
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.4	44.0
169	14.4	11.0	16.6

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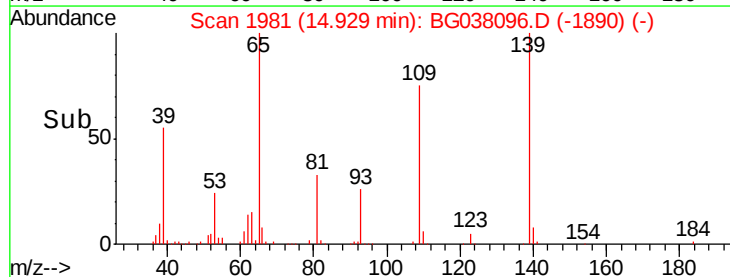
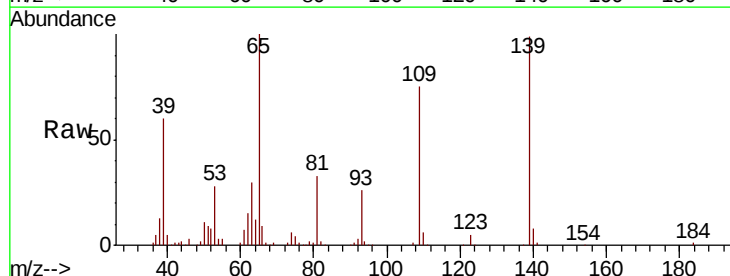
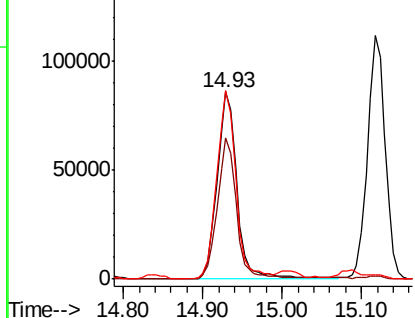
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

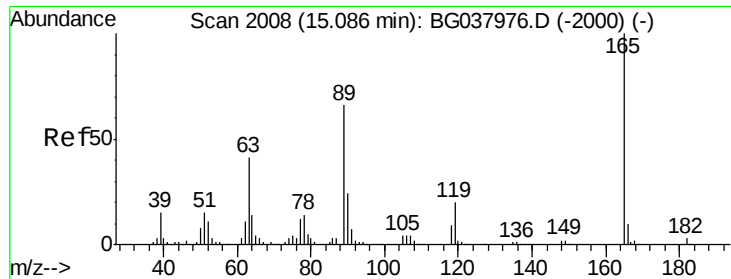


#56
4-Nitrophenol
Concen: 88.971 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	49.5	89.5
65	101.1	76.8	116.8

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





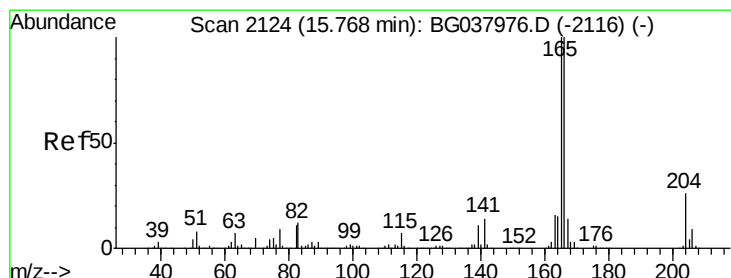
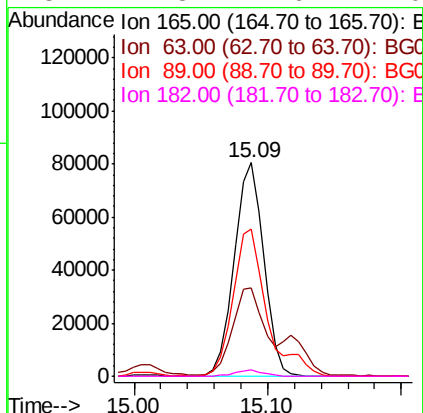
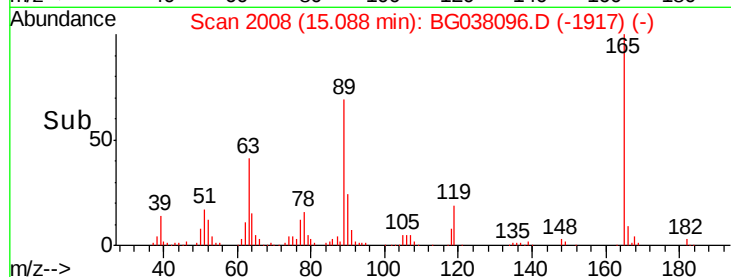
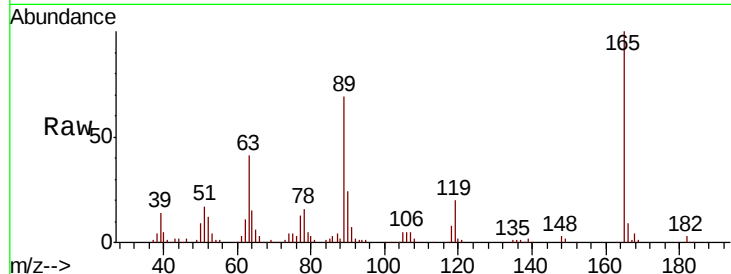
#57
2,4-Dinitrotoluene
Concen: 45.929 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123375		
63	41.1	33.4	50.0		
89	68.8	57.2	85.8		
182	2.8	2.6	4.0		

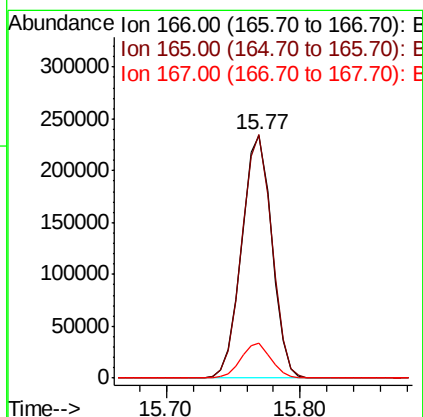
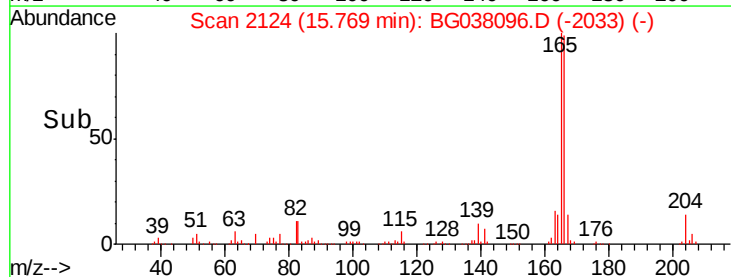
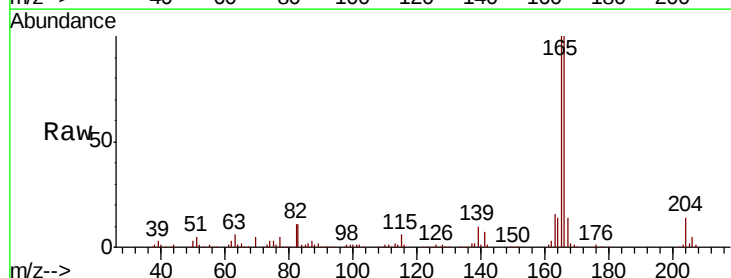
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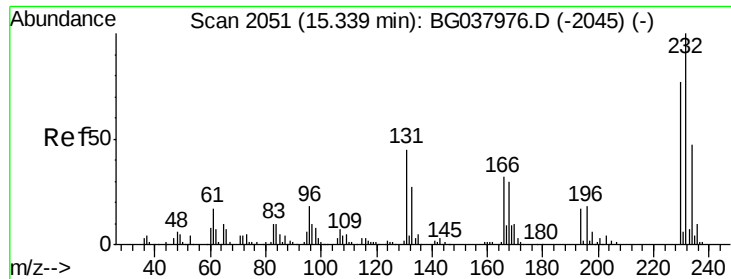
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#58
Fluorene
Concen: 46.102 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		363225		
165	100.4	79.0	118.6		
167	14.2	11.3	16.9		





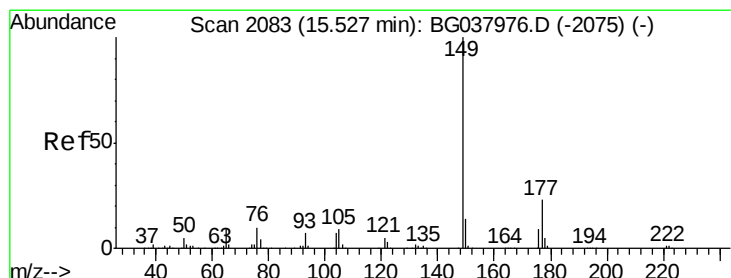
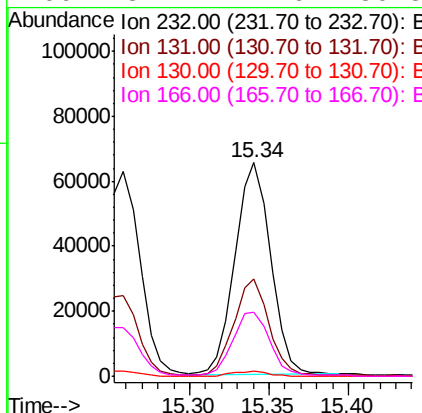
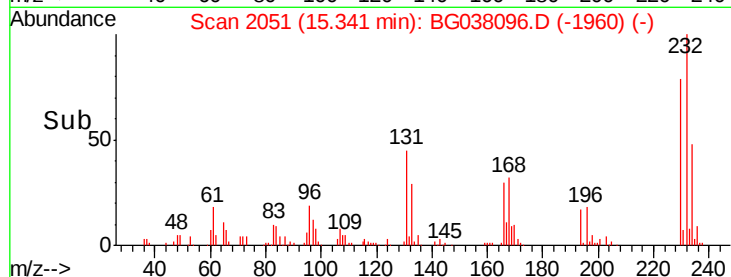
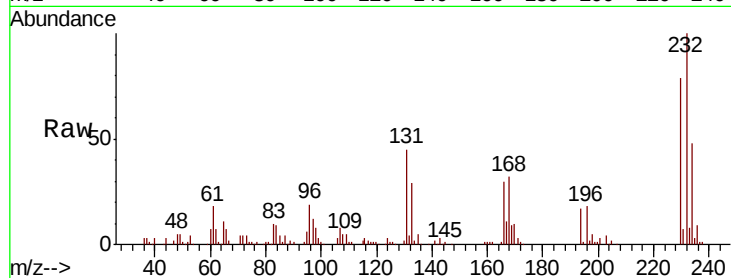
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.367 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102284		
131	44.8	33.7	50.5	
130	2.4	2.1	3.1	
166	32.1	24.6	36.8	

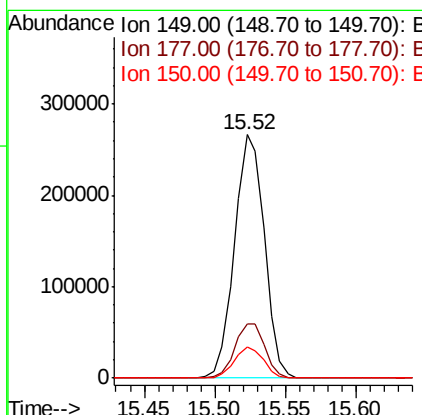
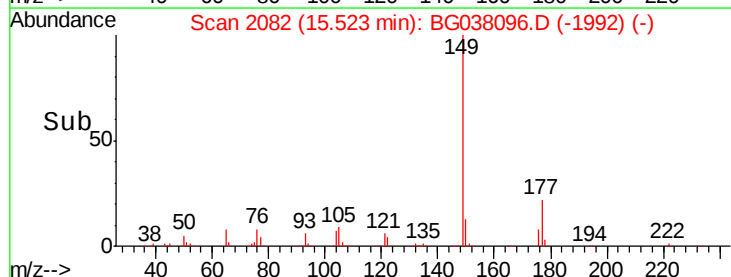
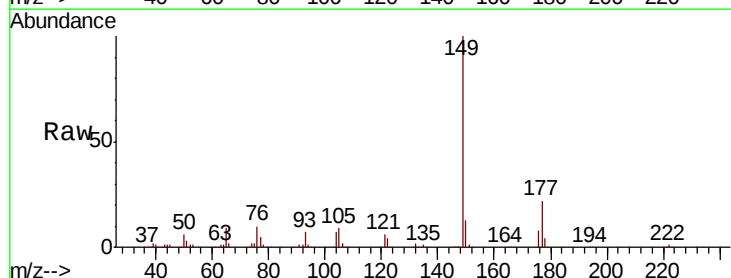
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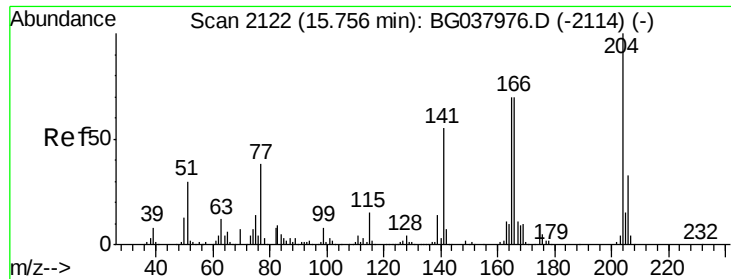
Sohil
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#60
Diethylphthalate
Concen: 42.250 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	391462		
177	22.1	18.3	27.5	
150	12.9	10.0	15.0	





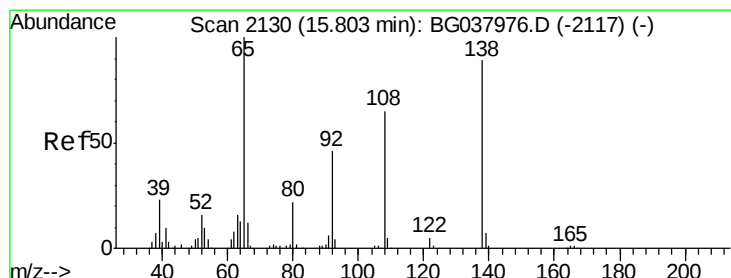
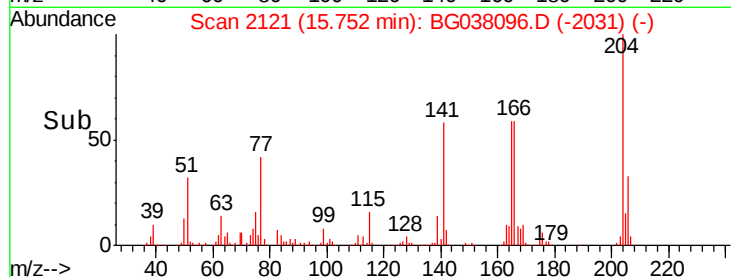
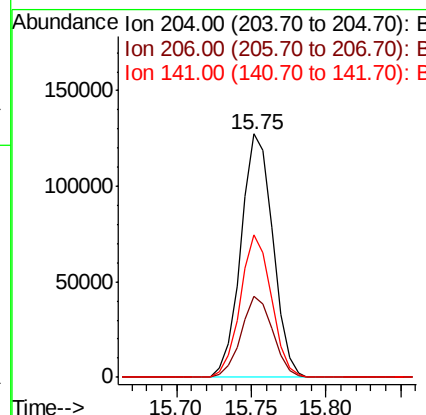
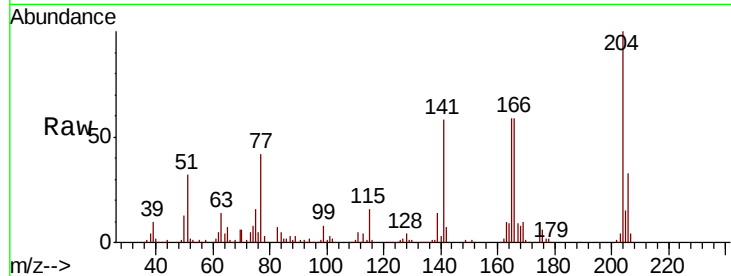
#61
4-Chlorophenyl-phenylether
Concen: 40.986 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	58.4	45.4	68.2

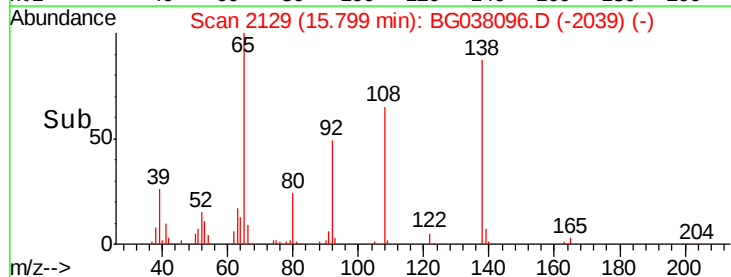
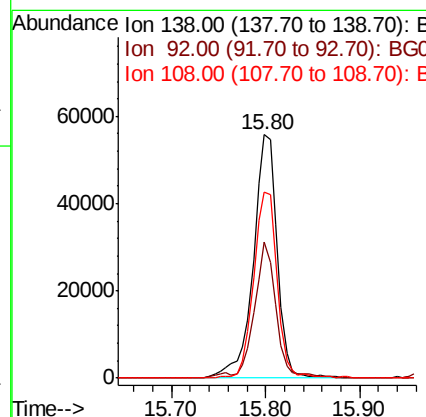
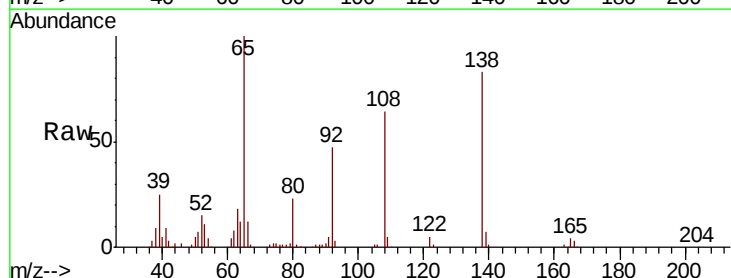
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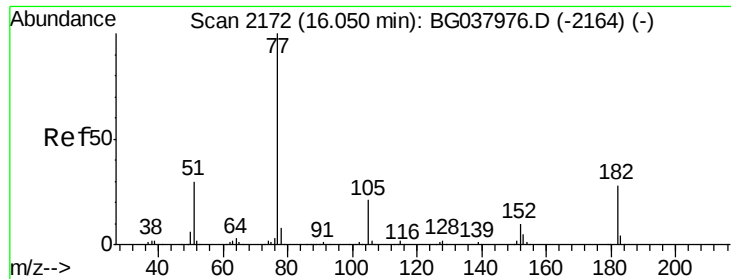
Sohil
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#62
4-Nitroaniline
Concen: 45.335 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.4	76.4
108	76.3	60.1	100.1





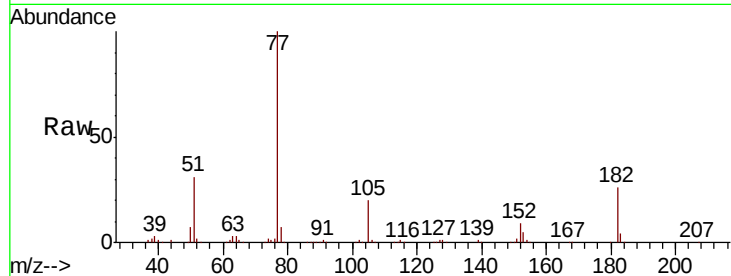
#63
Azobenzene
Concen: 44.375 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

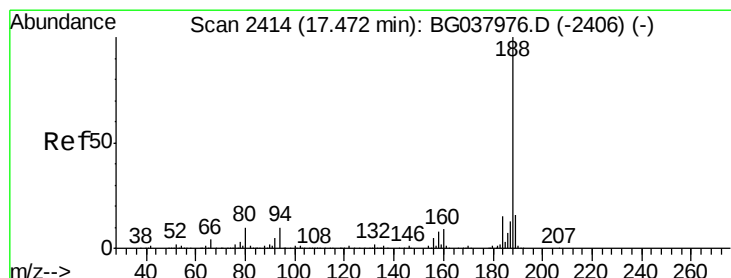
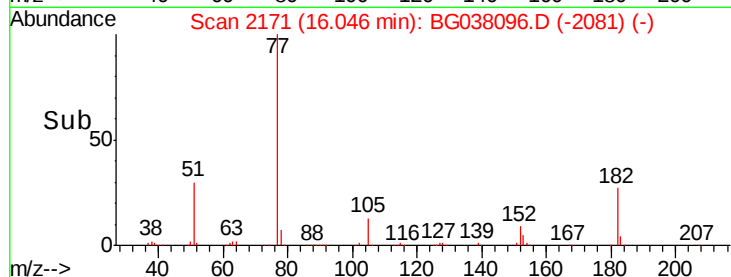
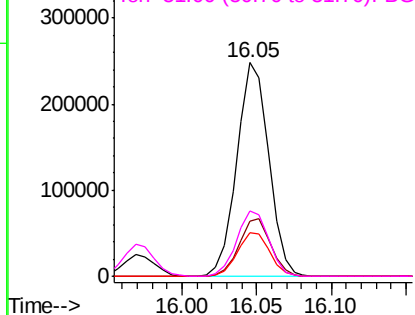
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		367610		
182	25.6	8.0	48.0		
105	20.1	1.3	41.3		
51	30.7	10.7	50.7		

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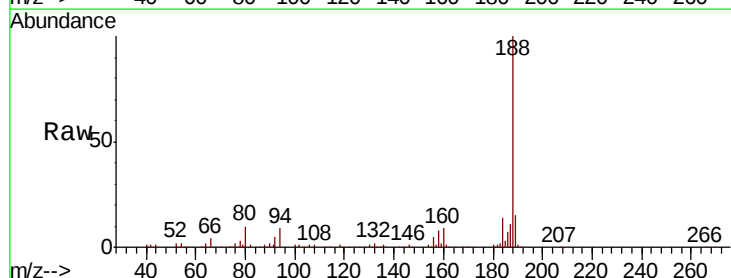


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

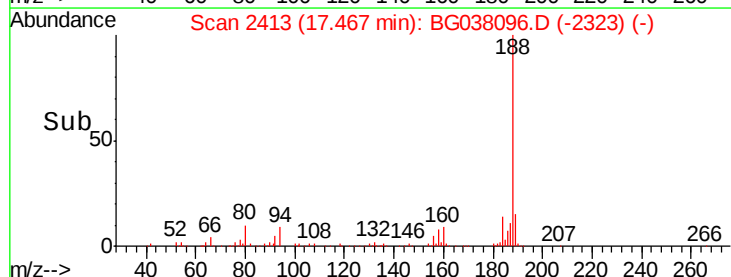
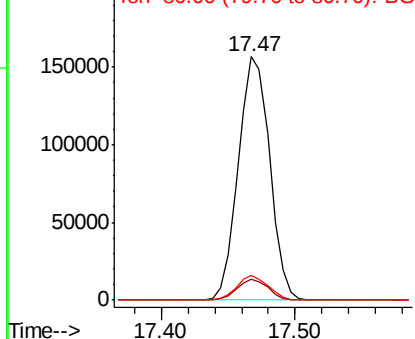


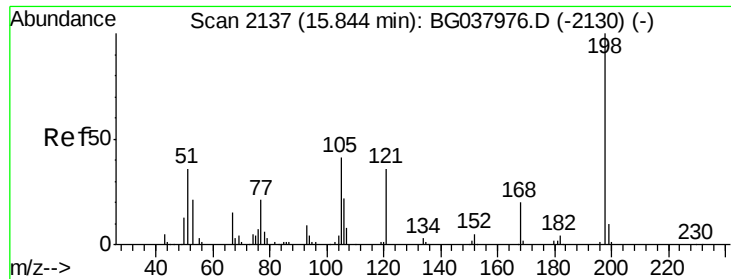
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		254616		
94	8.8	7.2	10.8		
80	9.9	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: 39.734 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

Tot Ion:198 Resp: 63990

Ion Ratio Lower Upper

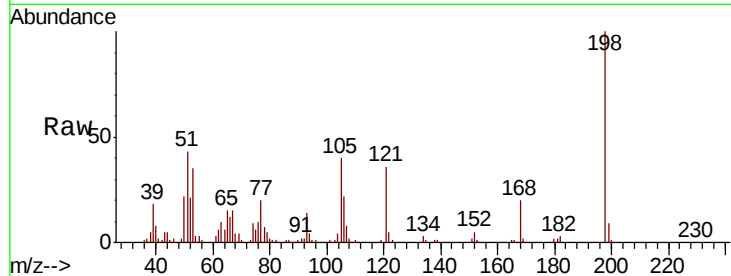
198 100

51 43.1 22.7 62.7

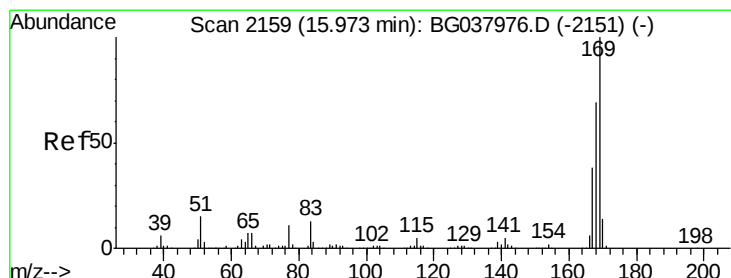
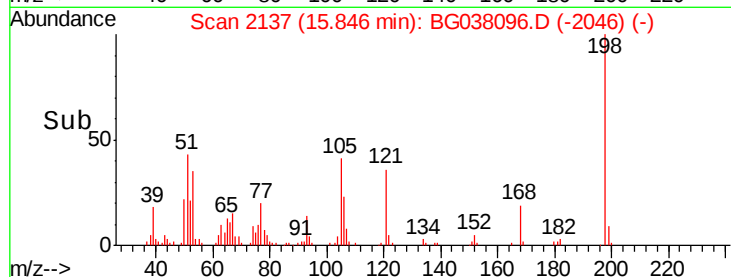
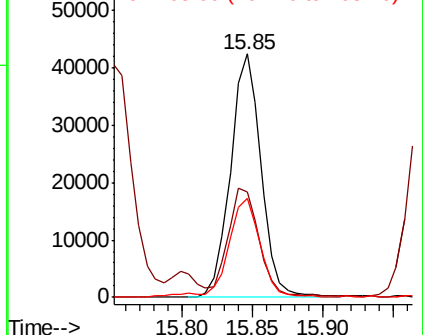
105 40.5 19.7 59.7

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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: 43.137 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

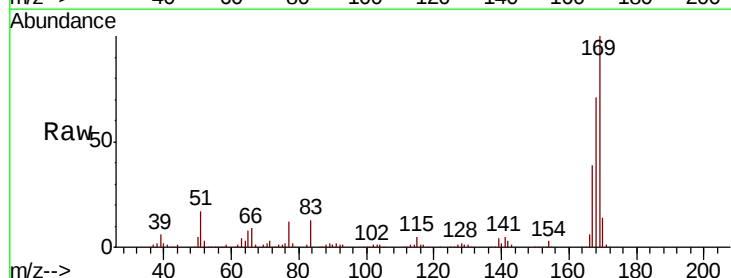
Tgt Ion:169 Resp: 332280

Ion Ratio Lower Upper

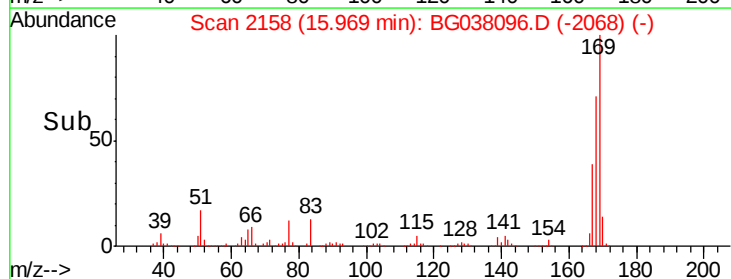
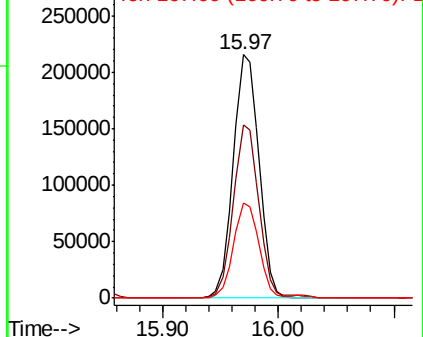
169 100

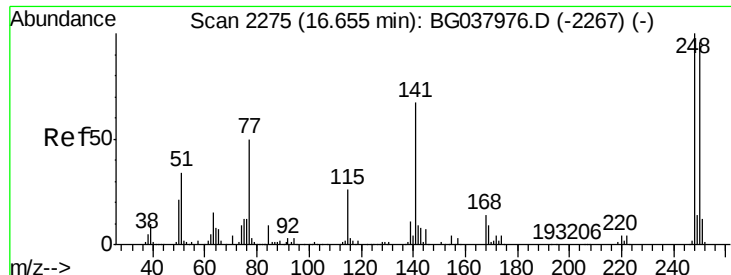
168 71.3 55.7 83.5

167 39.0 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: 41.536 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

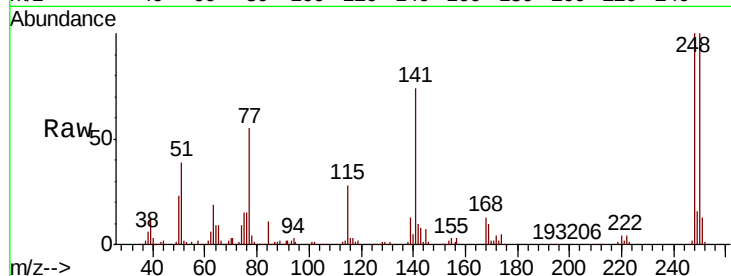
ClientSampled :

PB114966BSD

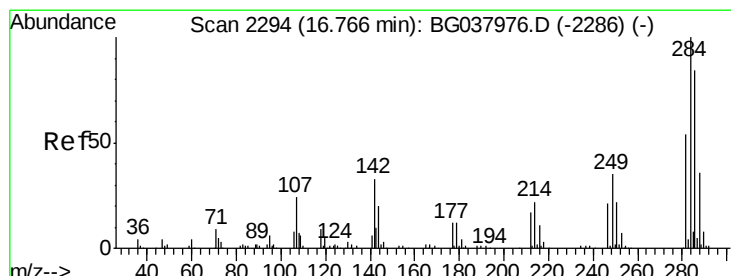
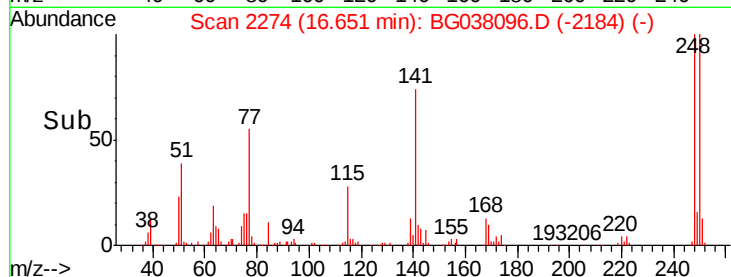
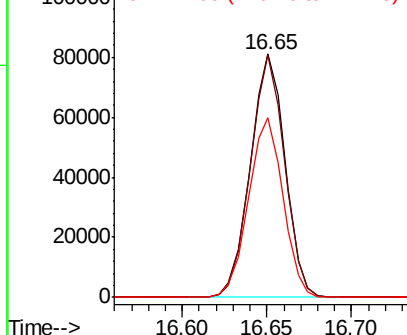
Tot Ion:	248	Resp:	116077
Ion Ratio	Lower	Upper	
248	100		
250	99.5	77.0	115.6
141	73.7	55.5	83.3

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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: 42.317 ng

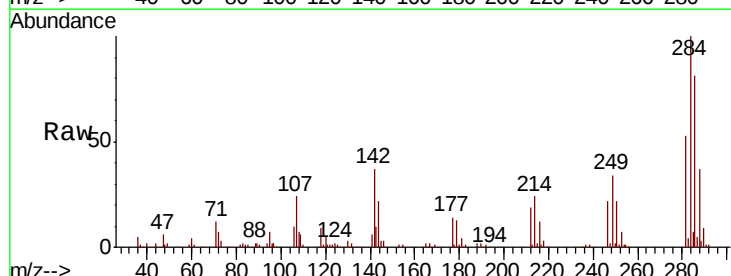
RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

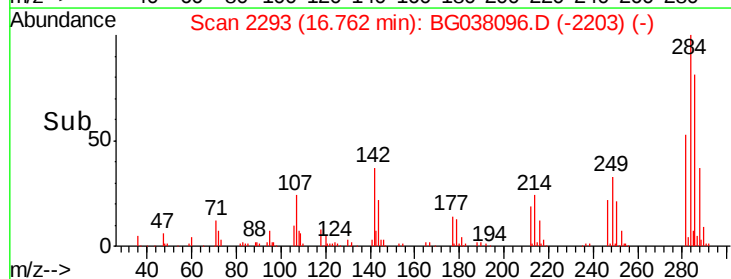
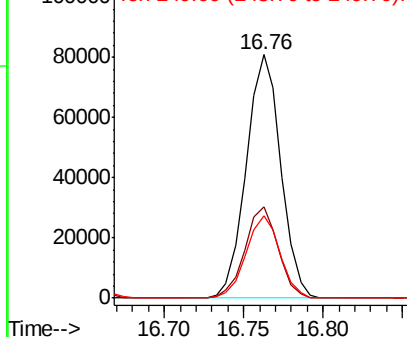
Lab File: BG038096.D

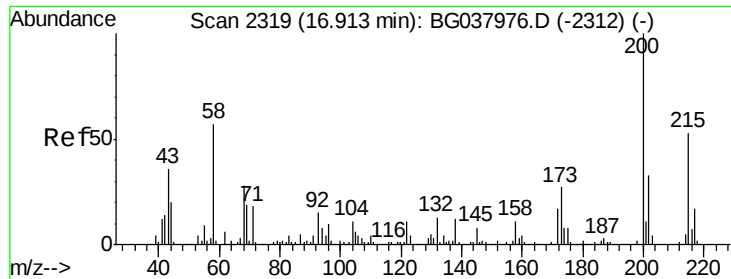
Acq: 20 Nov 2018 22:04

Tgt Ion:	284	Resp:	122067
Ion Ratio	Lower	Upper	
284	100		
142	37.4	28.1	42.1
249	35.9	29.8	44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





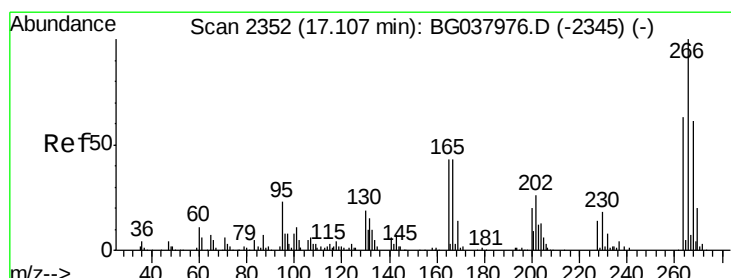
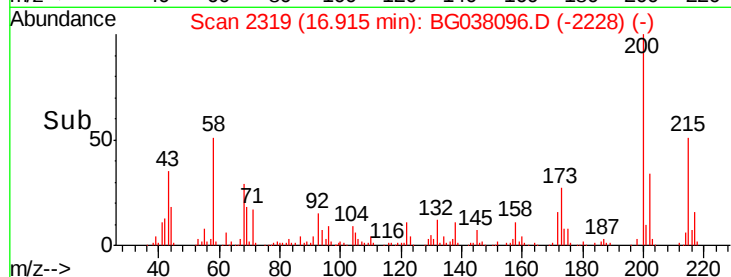
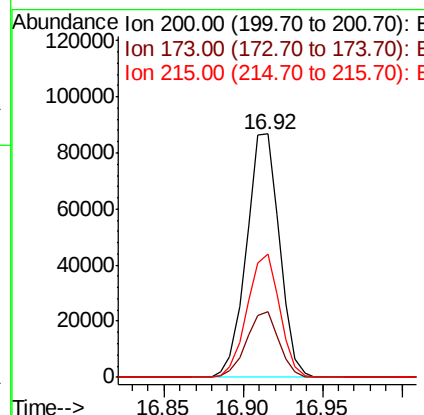
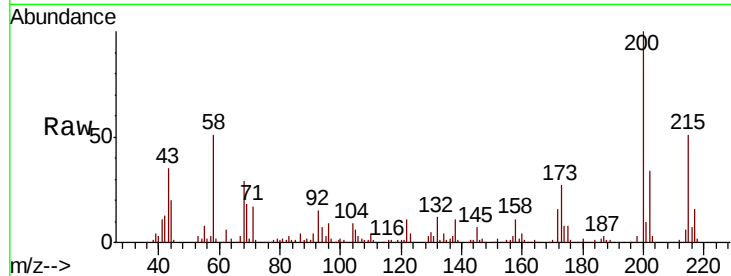
#69
Atrazine
Concen: 44.103 ng
RT: 16.92 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.1	46.1
215	50.9	30.8	70.8

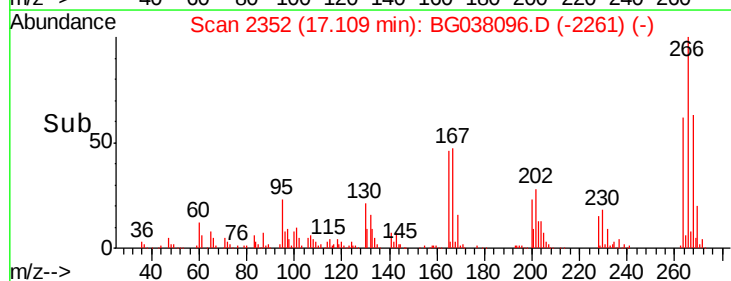
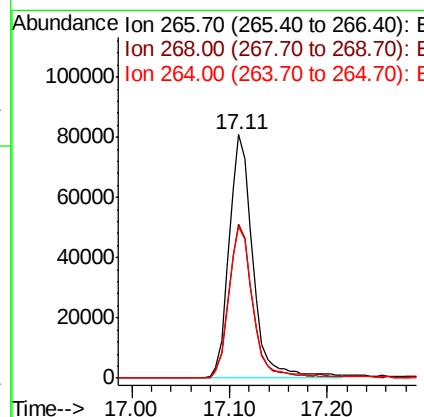
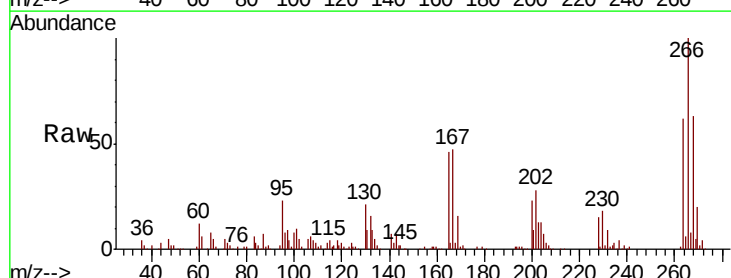
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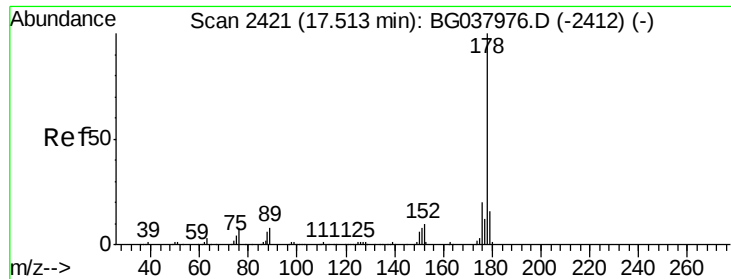
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#70
Pentachlorophenol
Concen: 69.942 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.8	55.0	82.6
264	67.9	58.9	88.3





#71

Phenanthrene

Concen: 46.751 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

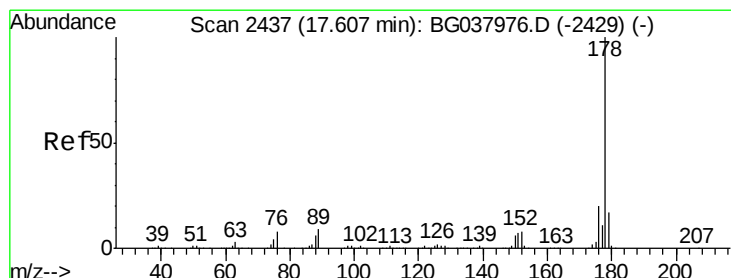
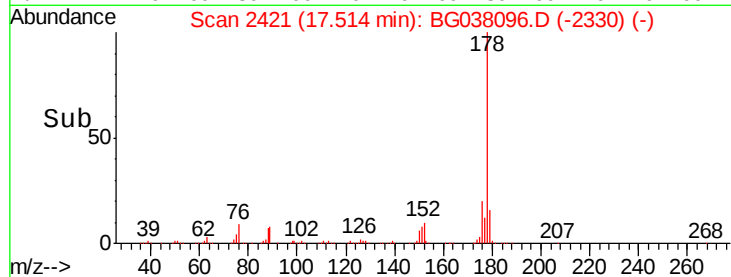
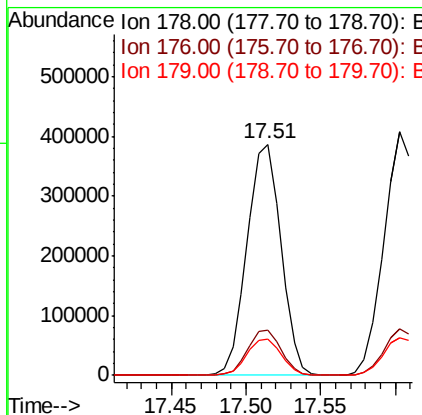
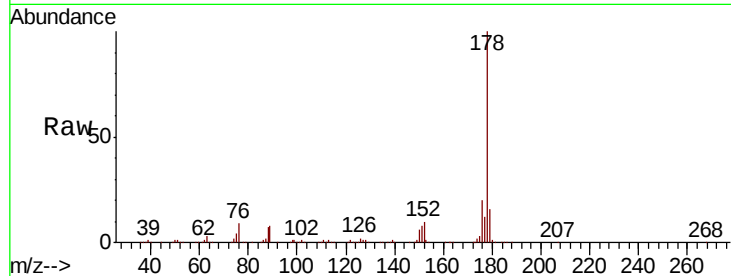
ClientSampleId :

PB114966BSD

Tot Ion:178	Resp:	609439
Ion Ratio	Lower	Upper
178	100	
176	19.5	16.1 24.1
179	15.8	13.0 19.4

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#72

Anthracene

Concen: 48.603 ng

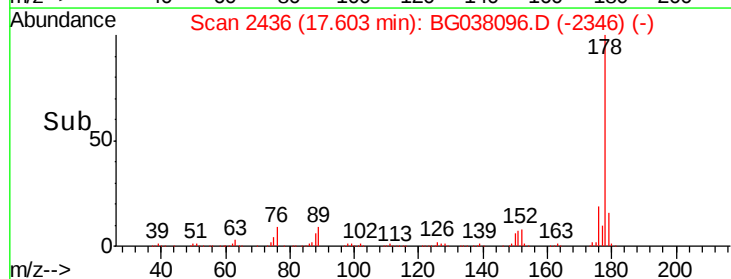
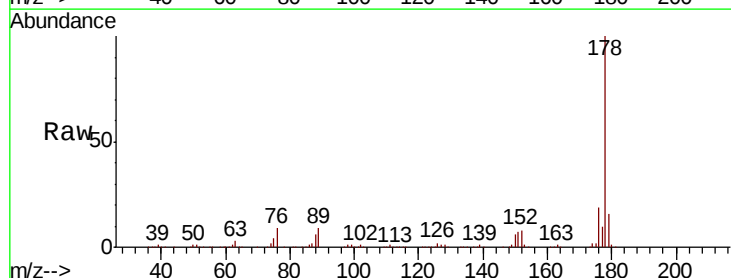
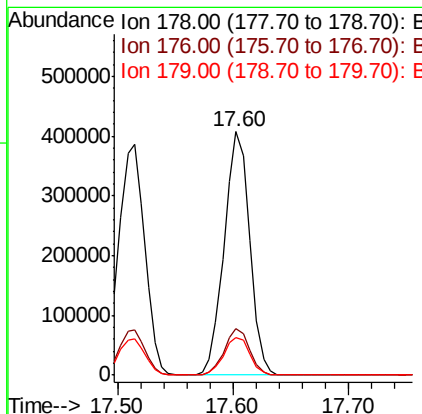
RT: 17.60 min Scan# 2436

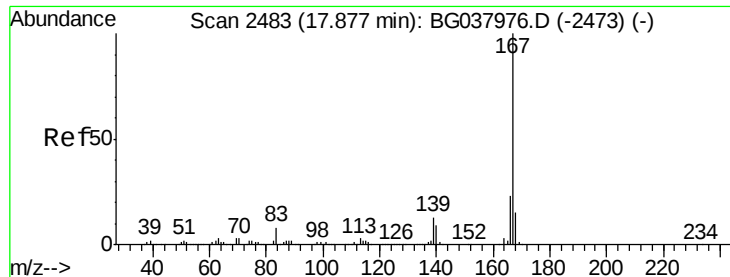
Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:178	Resp:	624550
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.0 22.4
179	15.6	12.8 19.2





#73

Carbazole

Concen: 44.050 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

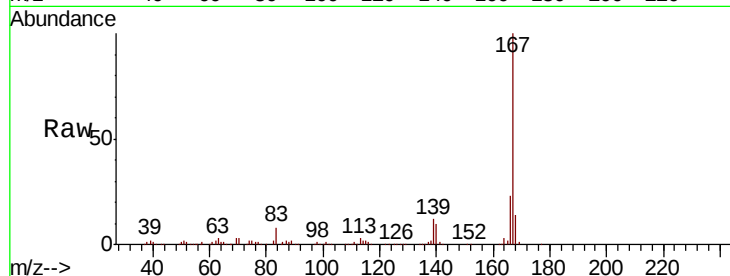
ClientSampleId :

PB114966BSD

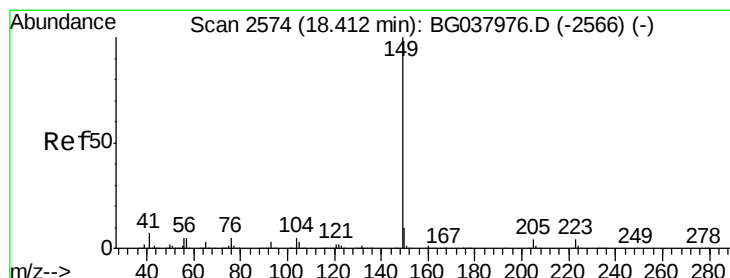
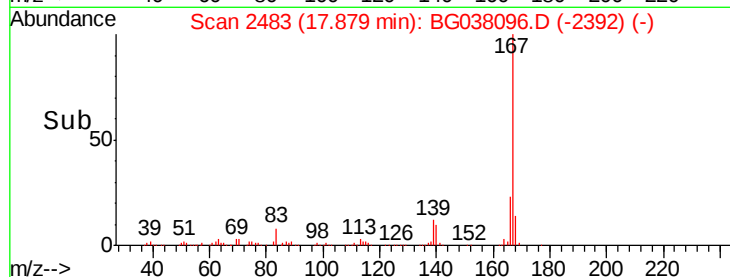
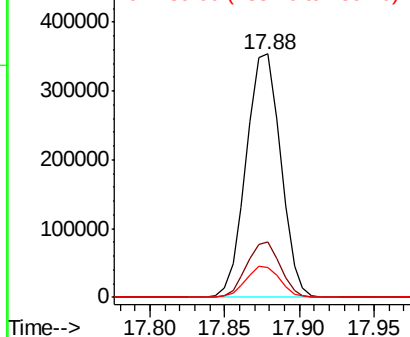
Tot Ion:	167	Resp:	567917
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.3	27.5
139	12.4	10.5	15.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.114 ng

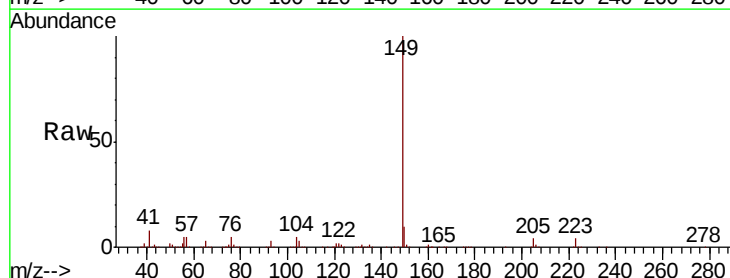
RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

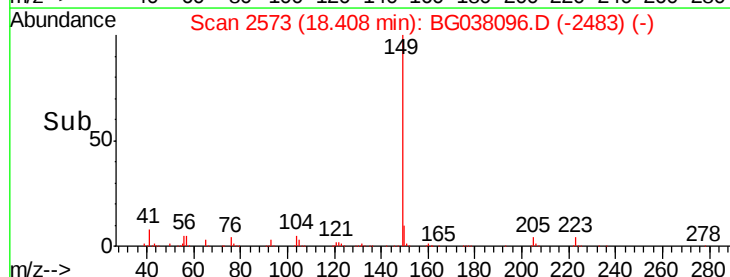
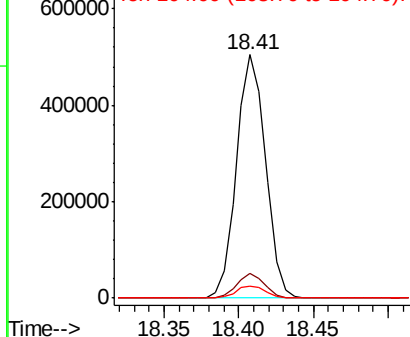
Lab File: BG038096.D

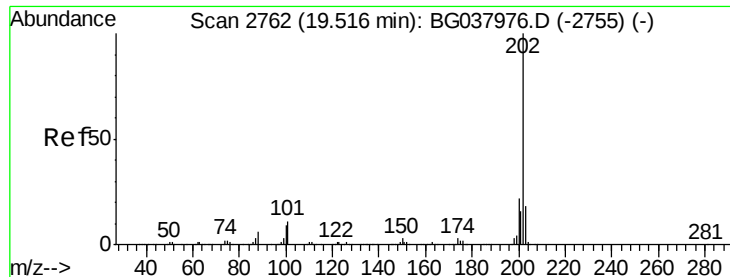
Acq: 20 Nov 2018 22:04

Tgt Ion:	149	Resp:	681849
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.2	12.2
104	5.0	4.0	6.0



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





#75

Fluoranthene

Concen: 49.313 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

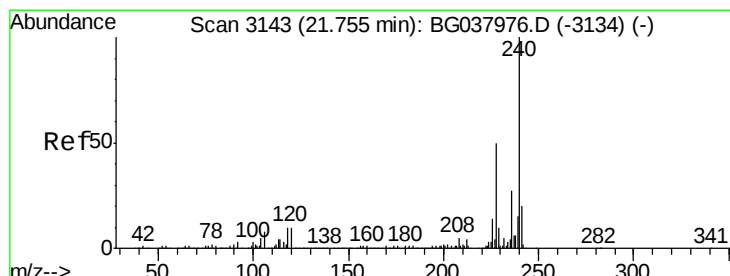
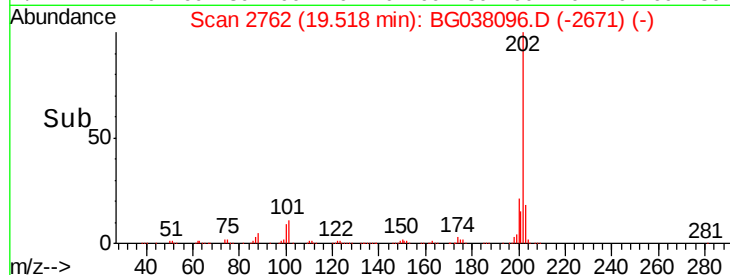
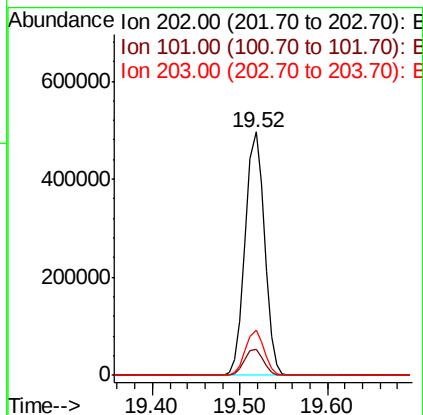
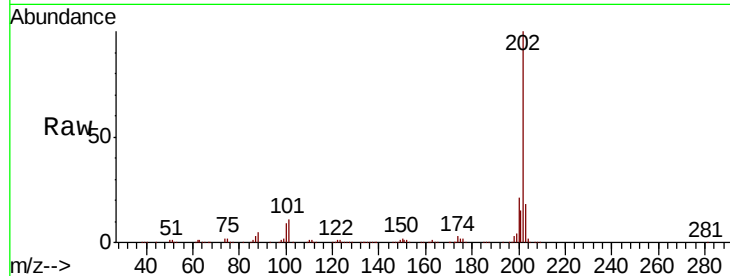
ClientSampleId :

PB114966BSD

Tot Ion:	202	Resp:	733430
Ion Ratio		Lower	Upper
202	100		
101	10.8	0.0	30.7
203	18.3	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

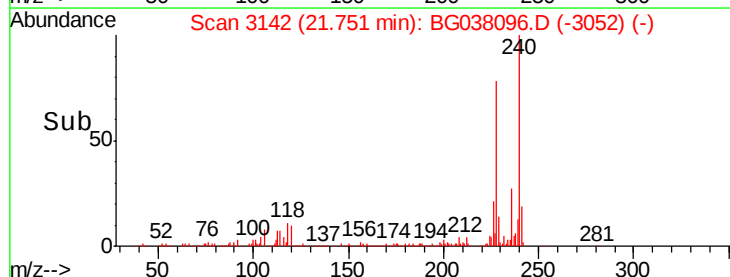
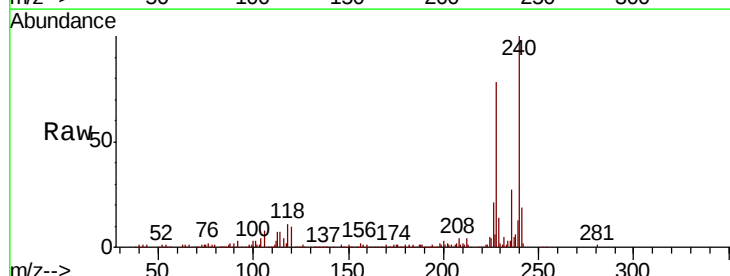
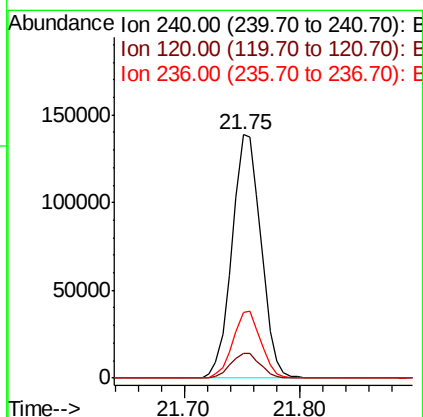
RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:	240	Resp:	241506
Ion Ratio		Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 40.611 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

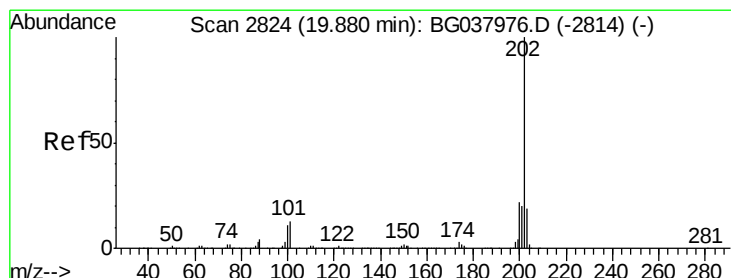
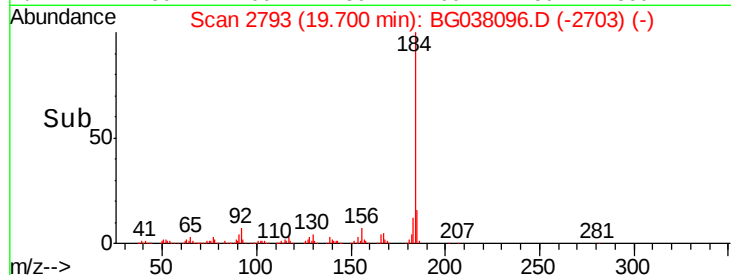
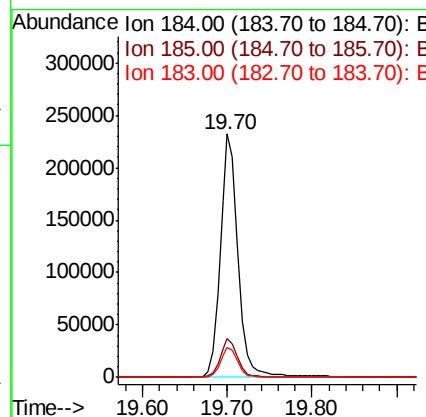
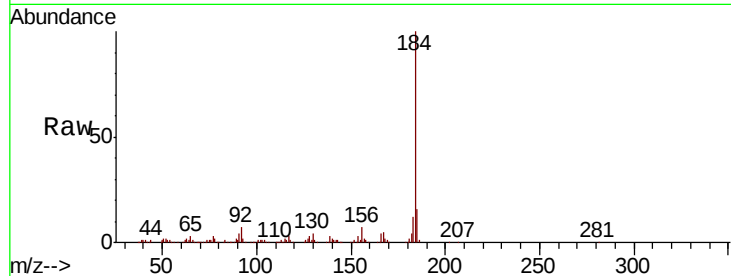
ClientSampleId :

PB114966BSD

Tot Ion:	184	Resp:	344148
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	12.4	10.2	15.2

Manual Integrations
APPROVED

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#78

Pyrene

Concen: 46.117 ng

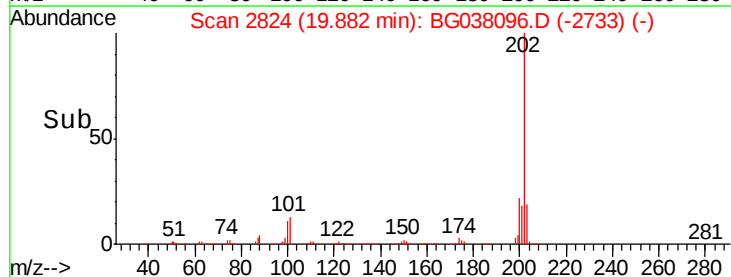
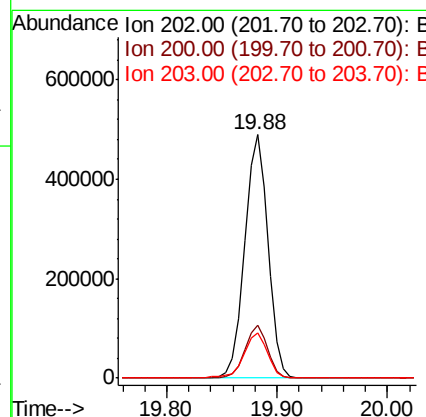
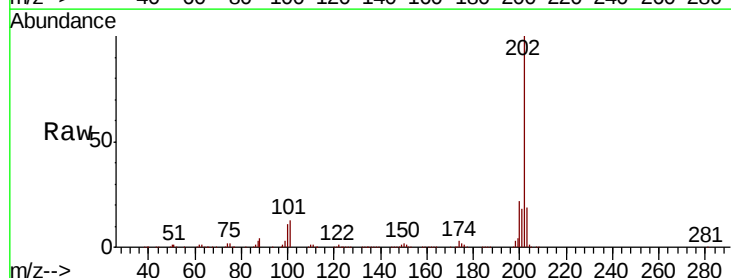
RT: 19.88 min Scan# 2824

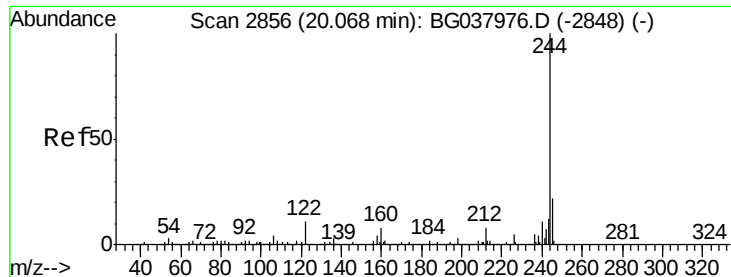
Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:	202	Resp:	728184
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.8	15.2	22.8





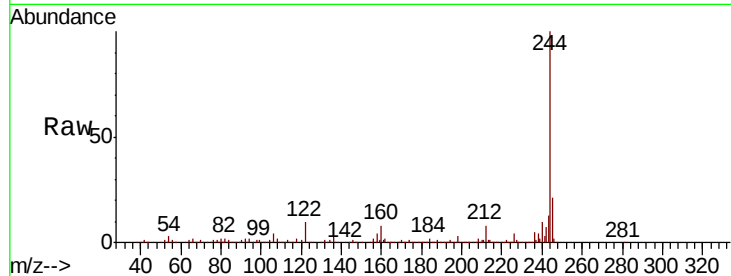
#79
 Terphenyl-d14
 Concen: 74.666 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

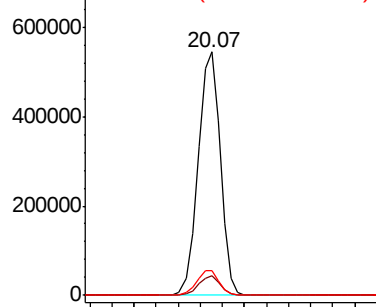
Tot Ion:	244	Resp:	766355
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.1	9.0	13.4

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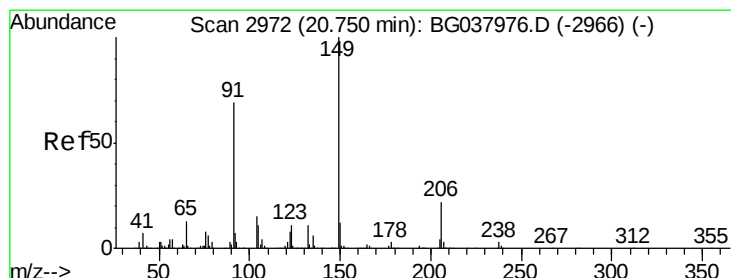
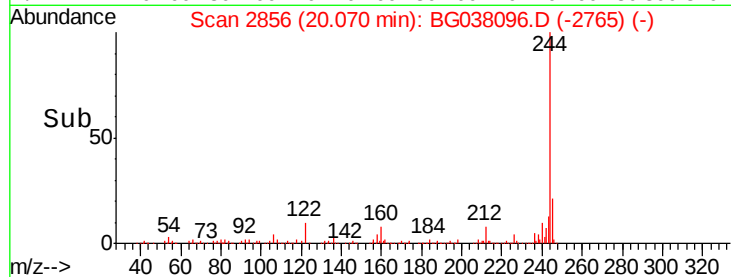
Sohil
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Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

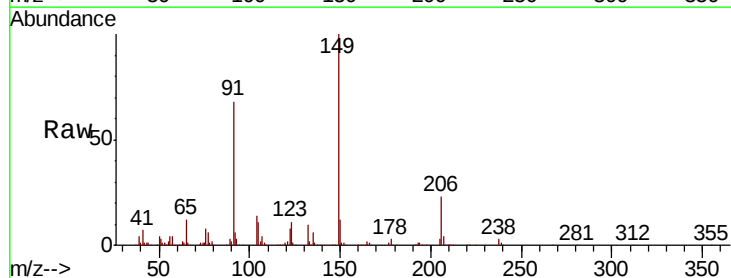


Time-->

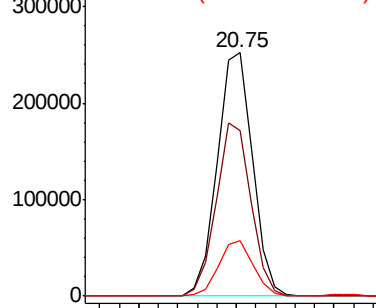


#80
 Butylbenzylphthalate
 Concen: 45.811 ng
 RT: 20.75 min Scan# 2972
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

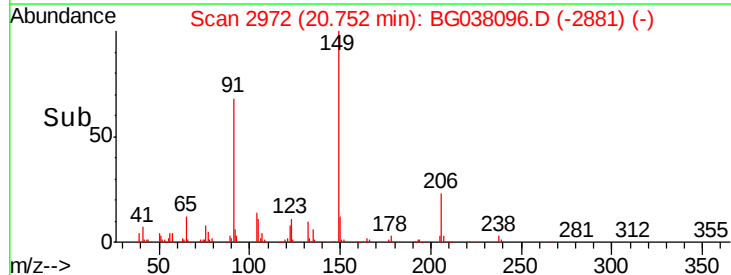
Tgt Ion:	149	Resp:	316329
Ion Ratio		Lower	Upper
149	100		
91	68.2	57.0	85.4
206	22.8	17.8	26.6

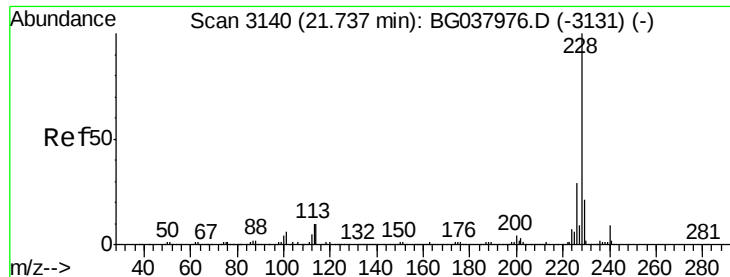


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 47.339 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

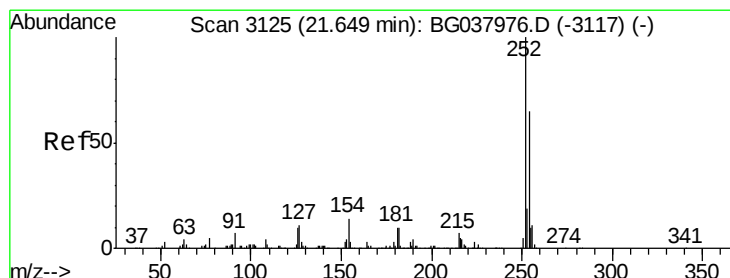
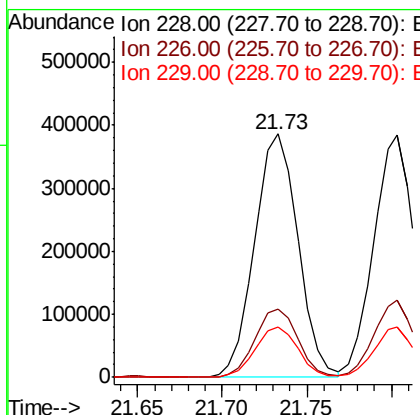
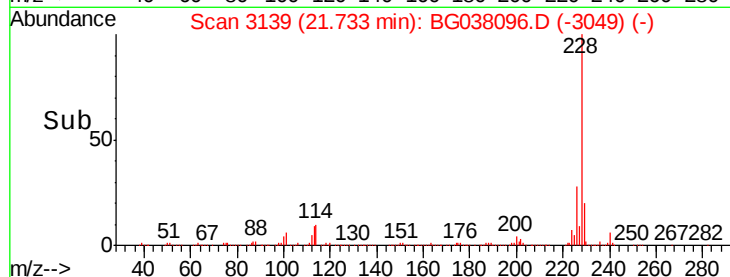
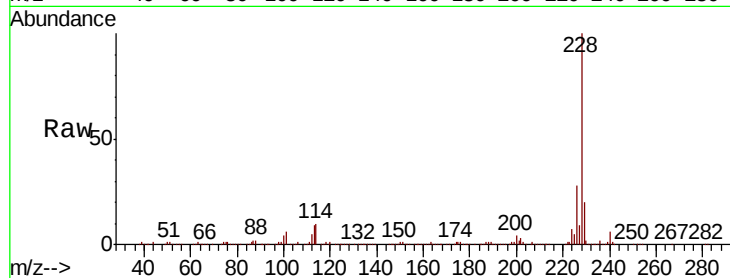
ClientSampleId :

PB114966BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		690891		
226	28.3		22.6	33.8	
229	20.4		16.3	24.5	

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.222 ng

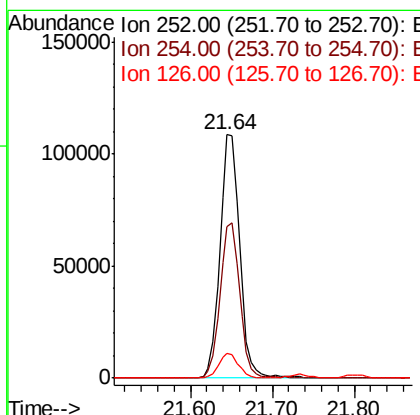
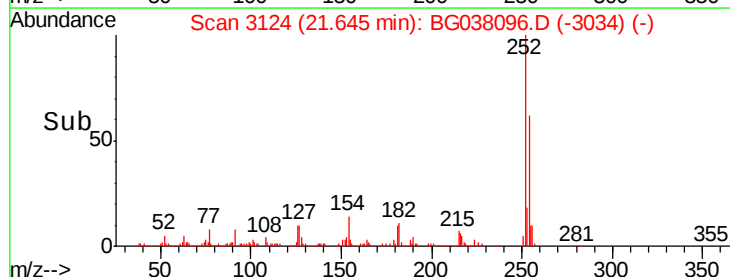
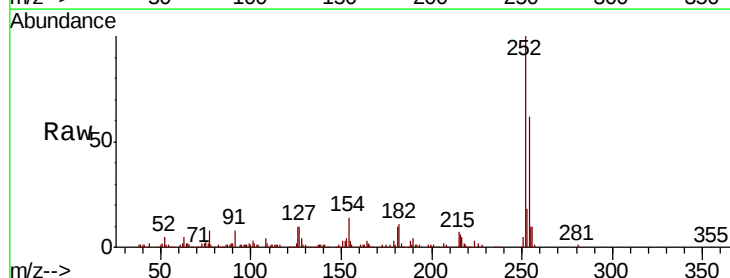
RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		183181		
254	62.1		52.0	78.0	
126	10.3		8.2	12.4	





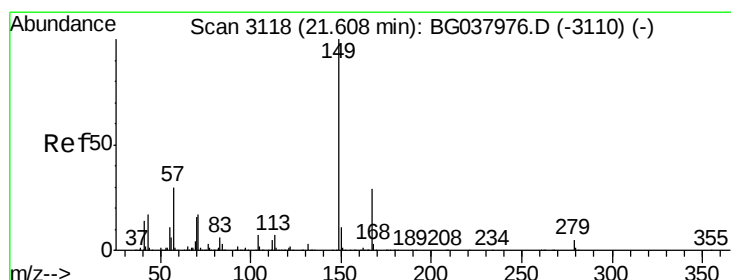
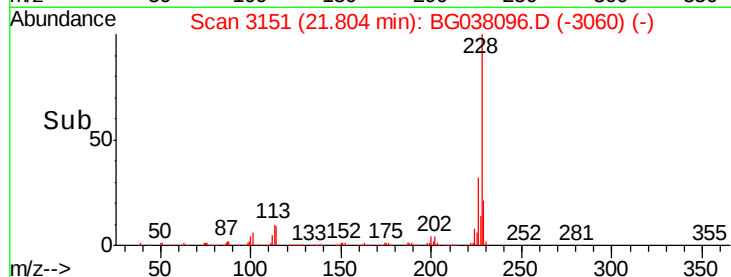
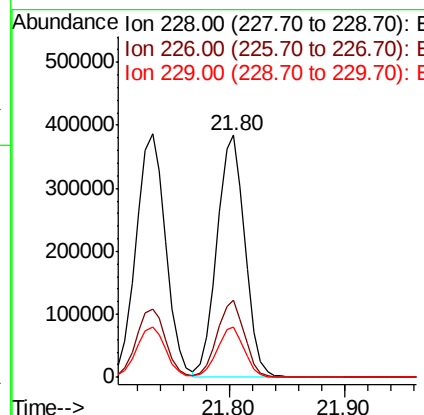
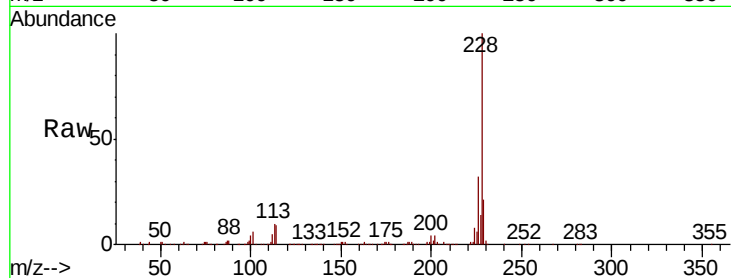
#83
 Chrvsene
 Concen: 46.019 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	20.9	16.5	24.7

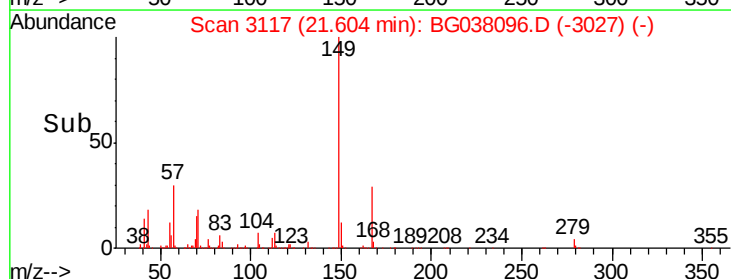
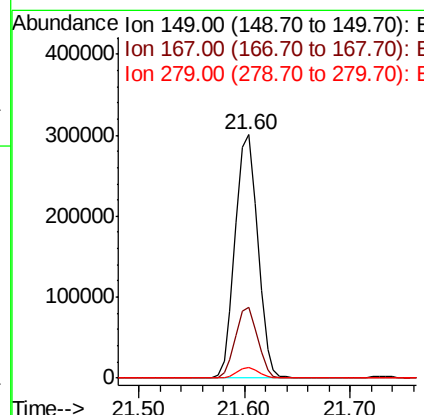
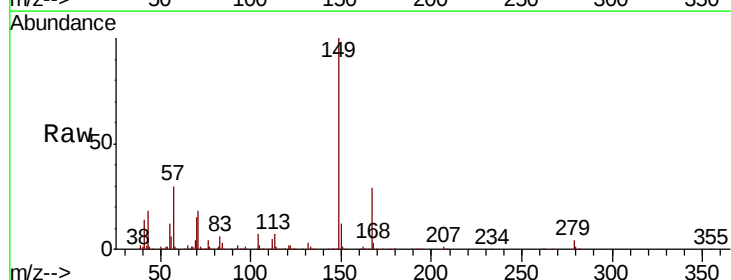
Manual Integrations
 APPROVED

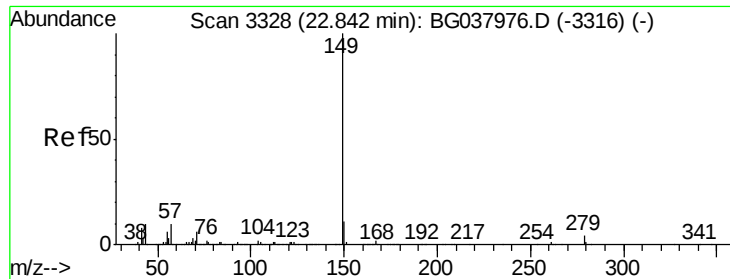
Sohil
 11/21/2018 3:23:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.211 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	4.2	3.6	5.4





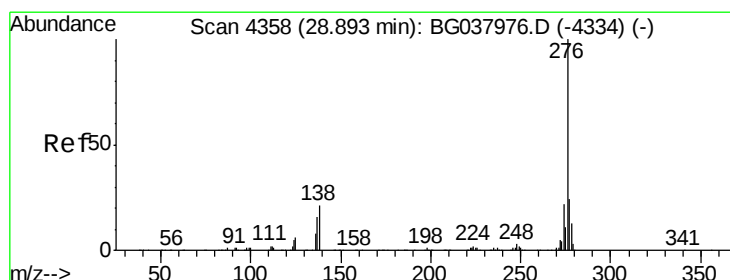
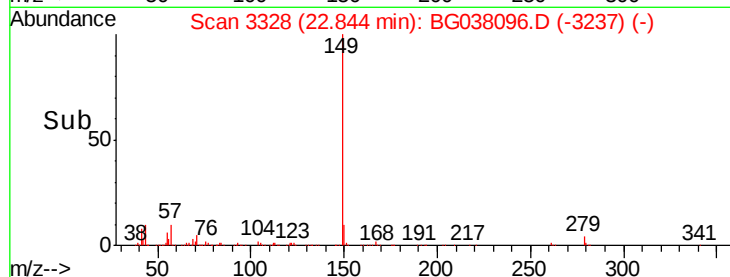
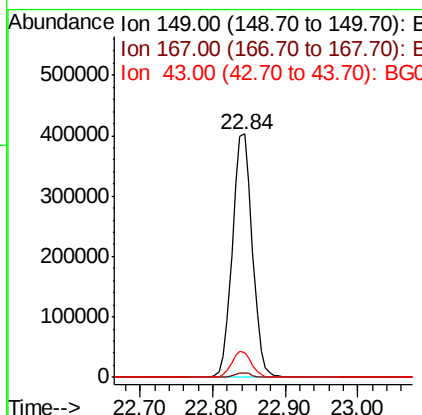
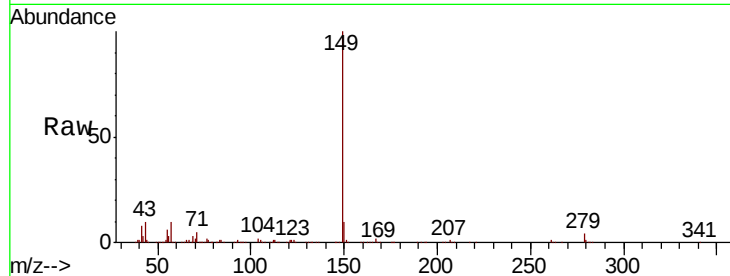
#85
Di-n-octyl phthalate
Concen: 48.147 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	767045		
167	1.7		1.3	1.9
43	10.6		8.7	13.1

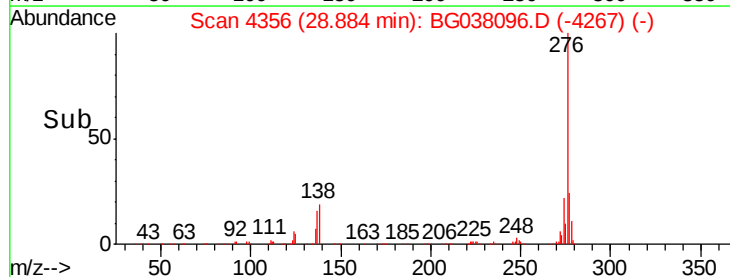
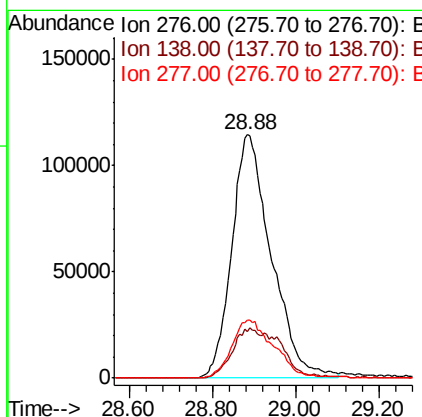
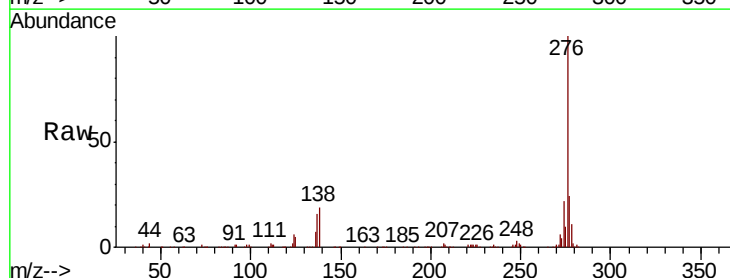
Manual Integrations
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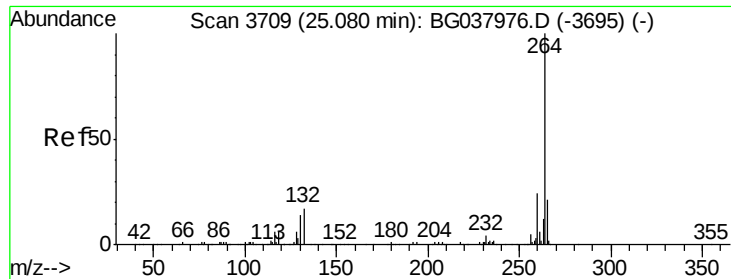
Sohil
11/21/2018 3:23:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.718 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	755554		
138	14.5		12.0	18.0
277	25.3		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

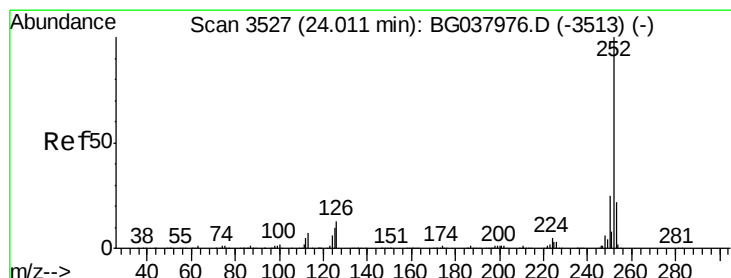
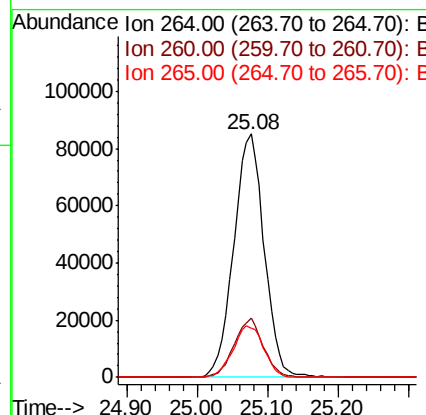
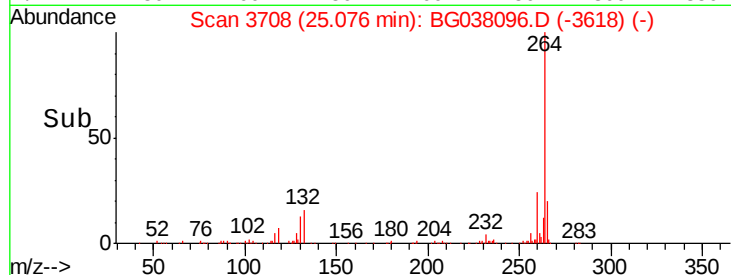
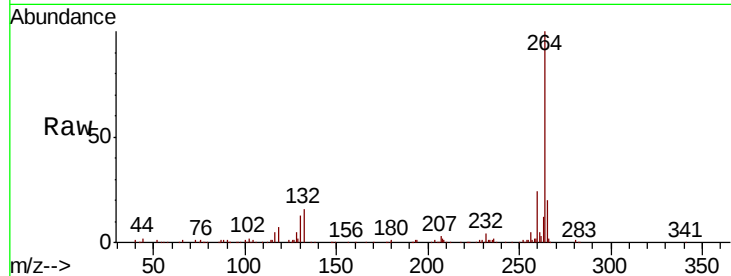
ClientSampleId :

PB114966BSD

Tot Ion:	264	Resp:	254436
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	19.9	17.9	26.9

Manual Integrations
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11/21/2018 3:23:15 PM



#88

Benzo(b)fluoranthene

Concen: 47.701 ng

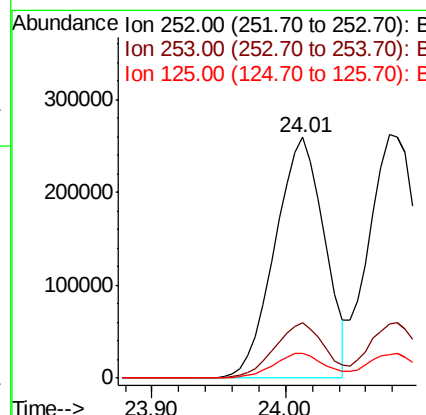
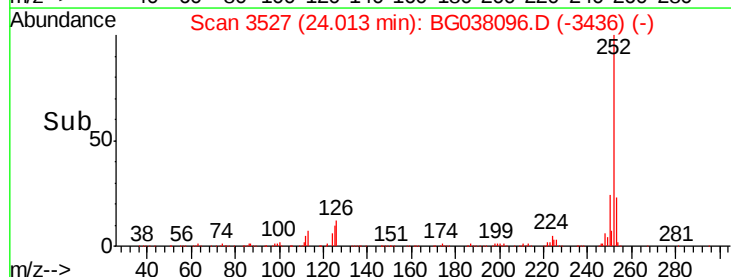
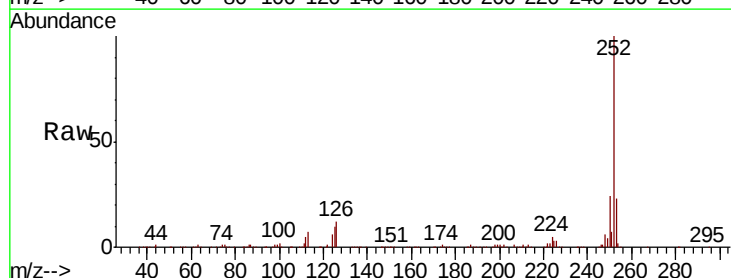
RT: 24.01 min Scan# 3527

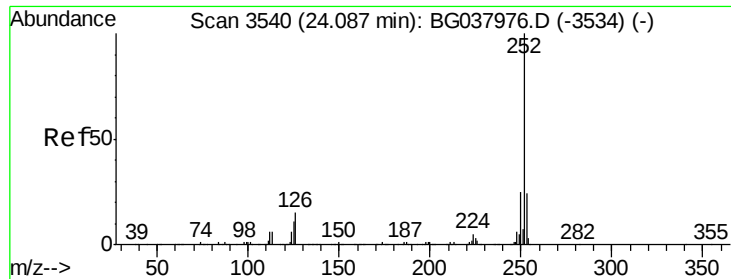
Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:	252	Resp:	667896
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	10.4	7.8	11.6





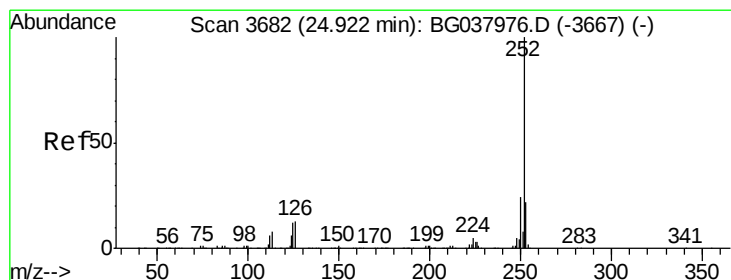
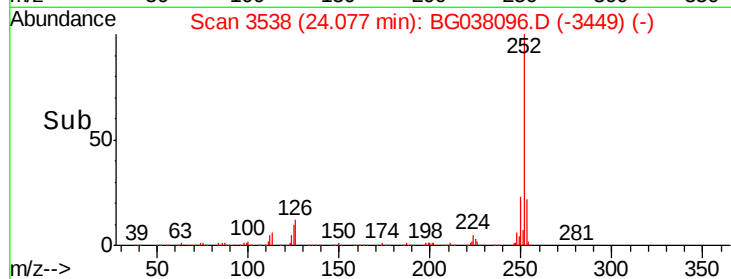
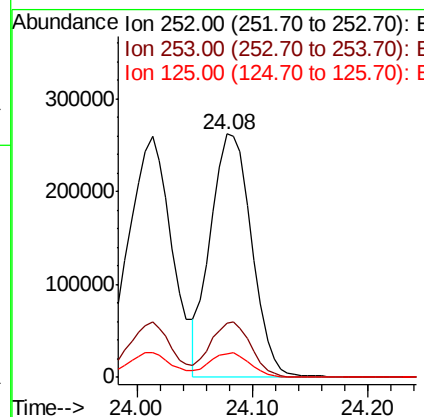
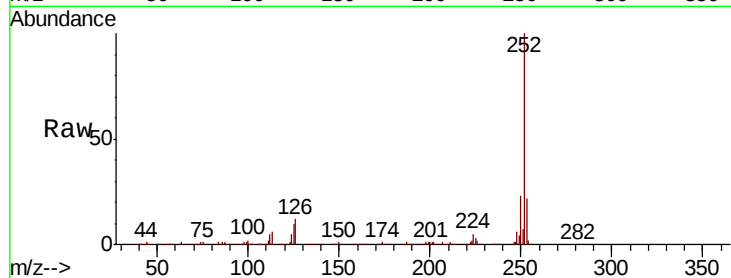
#89
Benzo(k)fluoranthene
Concen: 46.858 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.9	7.4	11.0

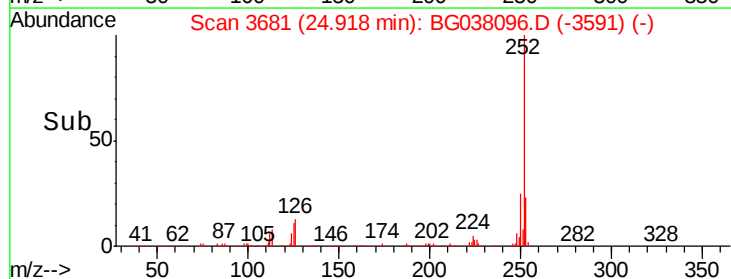
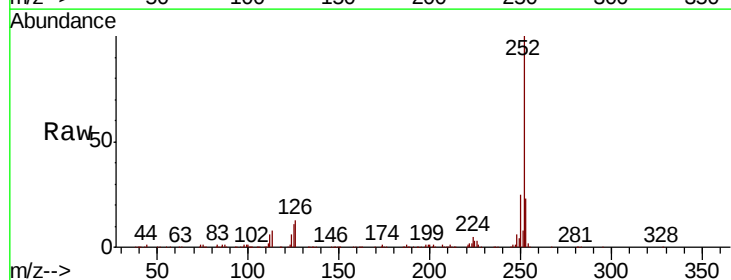
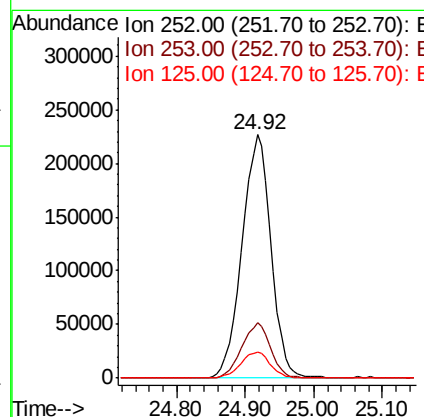
Manual Integrations
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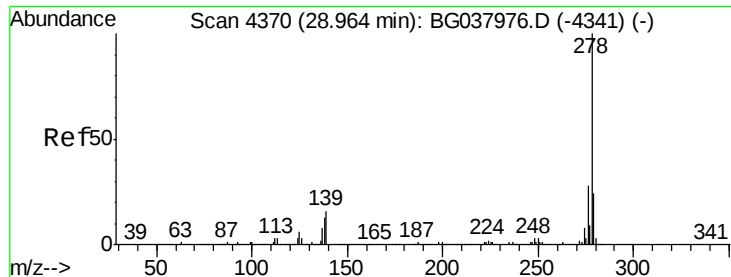
Sohil
11/21/2018 3:23:15 PM



#90
Benzo(a)pyrene
Concen: 49.691 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.5	9.0	13.6





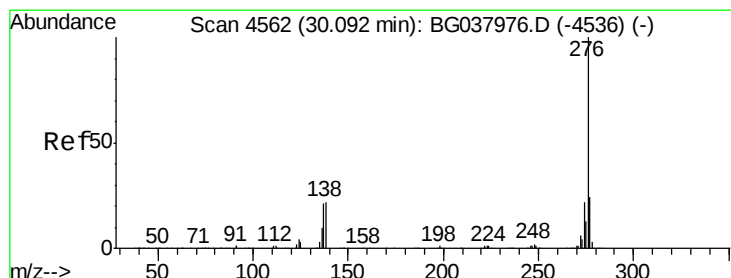
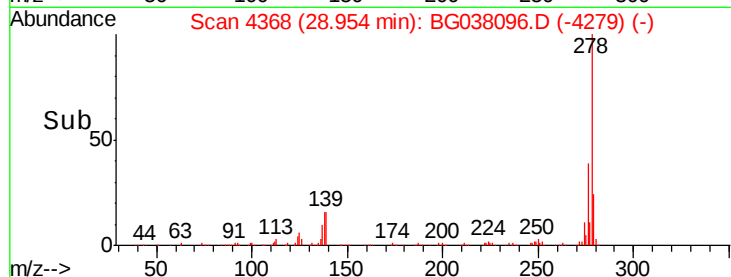
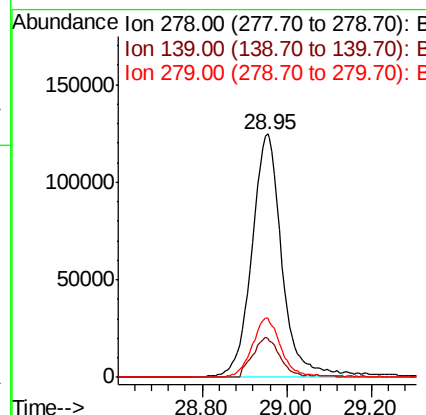
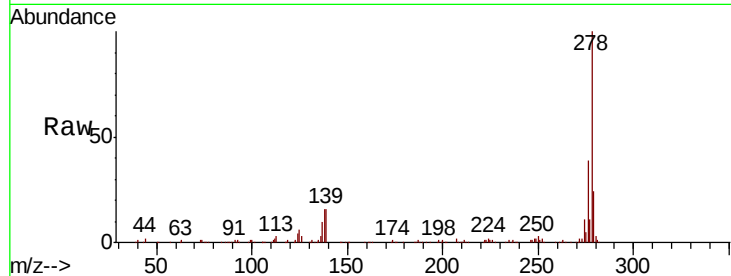
#91
Dibenzo(a,h)anthracene
Concen: 48.122 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	24.1	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/21/2018 3:23:15 PM



#92
Benzo(g,h,i)perylene
Concen: 48.412 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.2	17.2	25.8

