

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037473.D
 Acq On : 20 Oct 2018 5:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 10/22/2018 3:39:44 PM

Quant Time: Oct 22 15:33:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66182	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	321506	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	233356	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	552470	20.00	ng	0.00
76) Chrysene-d12	21.77	240	495016	20.00	ng	0.00
87) Perylene-d12	25.11	264	530808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	314269	79.39	ng	0.00
7) Phenol-d6	7.25	99	497896	83.18	ng	0.00
23) Nitrobenzene-d5	9.29	82	464500	80.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	214538	84.29	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1171405	75.70	ng	0.00
79) Terphenyl-d14	20.09	244	1753668	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	77978	38.843	ng	99
3) Pyridine	3.94	79	208830	41.272	ng	95
4) n-Nitrosodimethylamine	3.85	42	74141	41.138	ng	# 95
6) Aniline	7.43	93	311046	42.595	ng	96
8) 2-Chlorophenol	7.67	128	185468	40.049	ng	98
9) Benzaldehyde	7.25	77	145335	38.814	ng	93
10) Phenol	7.27	94	263365	41.700	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	192084	40.044	ng	98
12) 1,3-Dichlorobenzene	8.00	146	203477	39.468	ng	99
13) 1,4-Dichlorobenzene	8.14	146	207656	39.376	ng	98
14) 1,2-Dichlorobenzene	8.47	146	198639	39.157	ng	97
15) Benzyl Alcohol	8.35	79	201530	45.564	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	353824	41.224	ng	98
17) 2-Methylphenol	8.54	107	177411	42.489	ng	98
18) Hexachloroethane	9.20	117	72270	40.197	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	186073	45.142	ng	94
20) 3+4-Methylphenols	8.87	107	268465	44.971	ng	98
22) Acetophenone	8.94	105	324498	40.244	ng	# 97
24) Nitrobenzene	9.33	77	242477	40.669	ng	95
25) Isophorone	9.85	82	477255	45.511	ng	98
26) 2-Nitrophenol	10.04	139	119918	44.647	ng	99
27) 2,4-Dimethylphenol	10.08	122	208837	43.547	ng	95
28) bis(2-Chloroethoxy)methane	10.33	93	292036	42.505	ng	98
29) 2,4-Dichlorophenol	10.56	162	226607	42.440	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	226452	38.999	ng	97
31) Naphthalene	10.98	128	621303	39.344	ng	100
32) Benzoic acid	10.22	122	138207m	44.371	ng	
33) 4-Chloroaniline	11.09	127	323149	43.552	ng	98
34) Hexachlorobutadiene	11.25	225	132537	38.512	ng	98
35) Caprolactam	11.89	113	101799	47.537	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	269857	44.814	ng	98
37) 2-Methylnaphthalene	12.58	142	486283	42.244	ng	99
38) 1-Methylnaphthalene	12.80	142	470820	42.116	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	290663	38.616	ng	99

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 ClientSampleID :
 SSTDC040EC

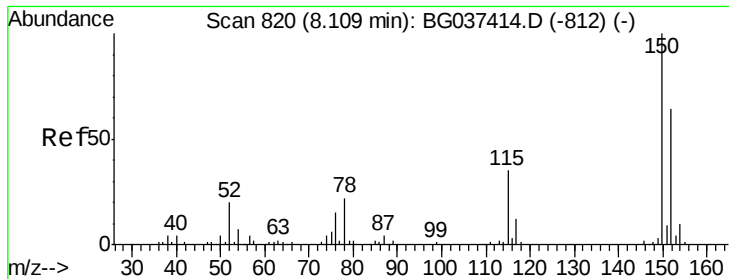
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	143395	39.882	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	208755	41.513	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	223312	40.787	ng	97
46) 1,1'-Biphenyl	13.58	154	753346	38.981	ng	99
47) 2-Chloronaphthalene	13.63	162	562405	38.466	ng	99
48) 2-Nitroaniline	13.83	65	193074	43.546	ng	97
49) Acenaphthylene	14.47	152	864090	39.288	ng	98
50) Dimethylphthalate	14.20	163	725509	40.188	ng	99
51) 2,6-Dinitrotoluene	14.32	165	167351	41.904	ng	94
52) Acenaphthene	14.81	154	540141	39.877	ng	98
53) 3-Nitroaniline	14.65	138	186355	42.033	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	70131	51.939	ng	97
55) Dibenzofuran	15.14	168	865494	38.566	ng	98
56) 4-Nitrophenol	14.94	139	143865	43.839	ng	99
57) 2,4-Dinitrotoluene	15.11	165	232677	44.384	ng	94
58) Fluorene	15.79	166	655090	38.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	194045	41.394	ng	99
60) Diethylphthalate	15.55	149	744296	40.158	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	384476	39.250	ng	97
62) 4-Nitroaniline	15.82	138	190957	43.346	ng	93
63) Azobenzene	16.07	77	699320	39.546	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	125248	44.052	ng	98
66) n-Nitrosodiphenylamine	15.99	169	651665	39.213	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	239710	39.510	ng	99
68) Hexachlorobenzene	16.78	284	248655	39.545	ng	99
69) Atrazine	16.93	200	226420	37.684	ng	98
70) Pentachlorophenol	17.13	266	185036	43.932	ng	95
71) Phenanthrene	17.53	178	1078903	38.425	ng	97
72) Anthracene	17.62	178	1069812	38.825	ng	97
73) Carbazole	17.90	167	1096532	39.783	ng	98
74) Di-n-butylphthalate	18.43	149	1229710	40.106	ng	99
75) Fluoranthene	19.54	202	1241343	38.980	ng	97
77) Benzidine	19.72	184	819739	48.702	ng	98
78) Pyrene	19.90	202	1268559	39.202	ng	98
80) Butylbenzylphthalate	20.77	149	562872	42.501	ng	100
81) Benzo(a)anthracene	21.75	228	1152197	39.351	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	463955	40.881	ng	99
83) Chrysene	21.82	228	1116418	39.653	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	783591	42.211	ng	99
85) Di-n-octyl phthalate	22.88	149	1276034	42.153	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1228985	40.698	ng	# 90
88) Benzo(b)fluoranthene	24.04	252	1129090	38.799	ng	98
89) Benzo(k)fluoranthene	24.12	252	1127061	39.531	ng	97
90) Benzo(a)pyrene	24.96	252	1090349	39.430	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	997396	39.102	ng	98
92) Benzo(g,h,i)perylene	30.16	276	1012394	39.231	ng	98

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



#1

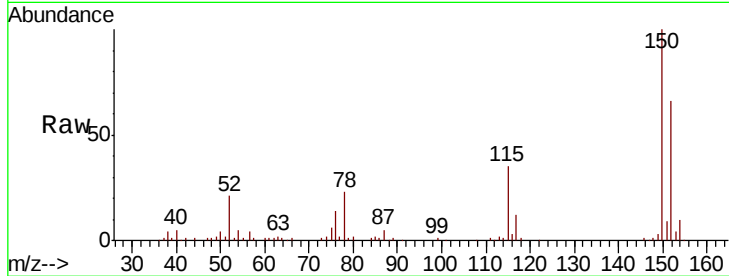
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.0	189.0
115	53.4	45.5	68.3

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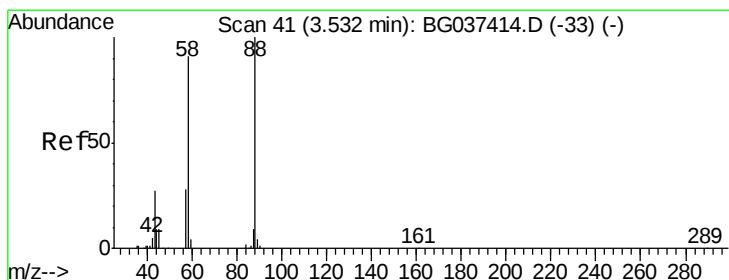
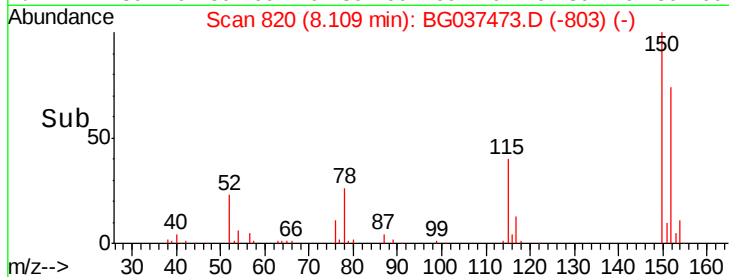
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

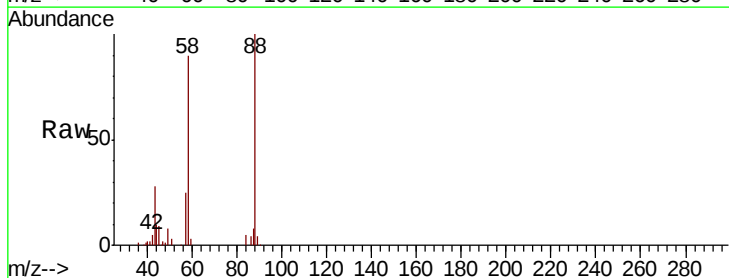
Time-->



#2

1,4-Dioxane
Concen: 38.843 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	74.4	111.6
43	31.0	25.8	38.8



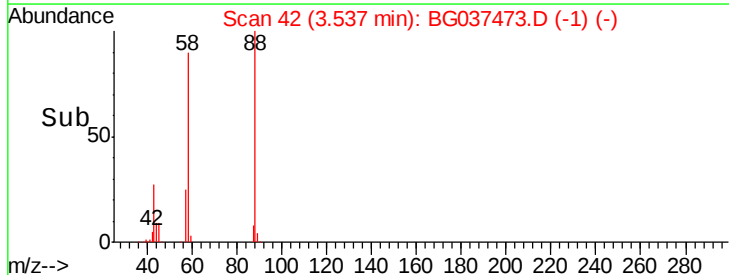
Abundance

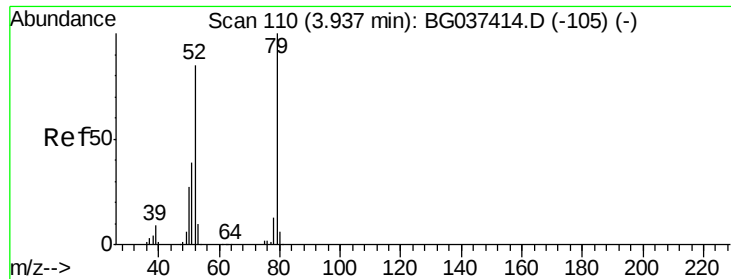
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pyridine

Concen: 41.272 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

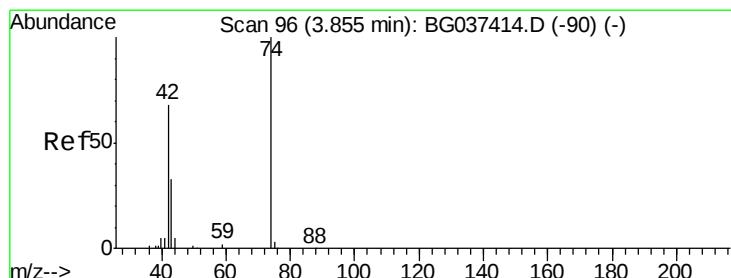
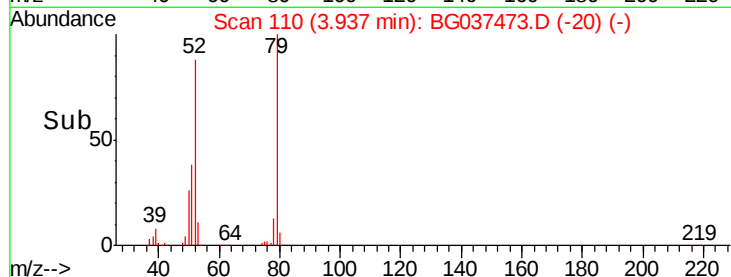
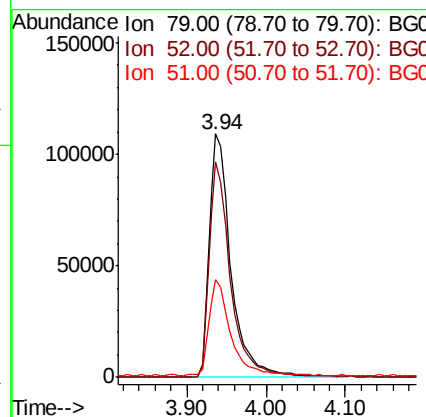
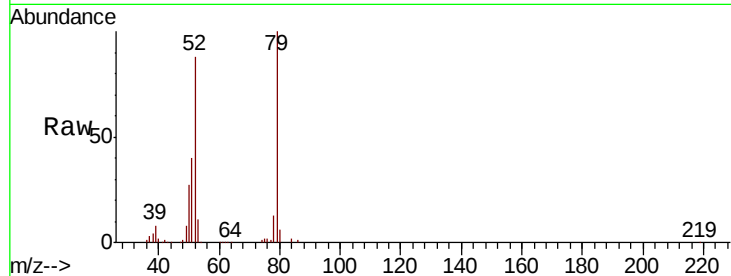
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	208830
Ion	Ratio	Lower	Upper
79	100		
52	88.5	74.2	111.2
51	39.9	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 41.138 ng

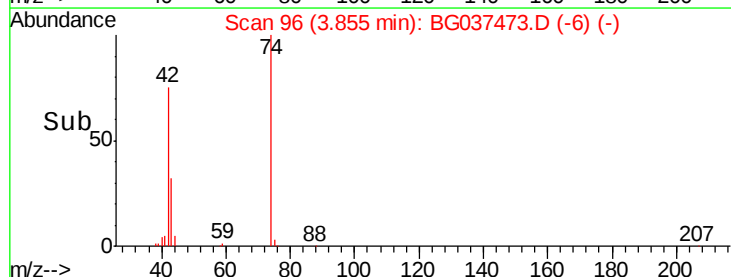
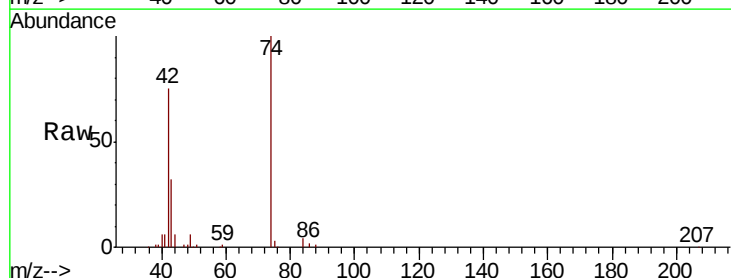
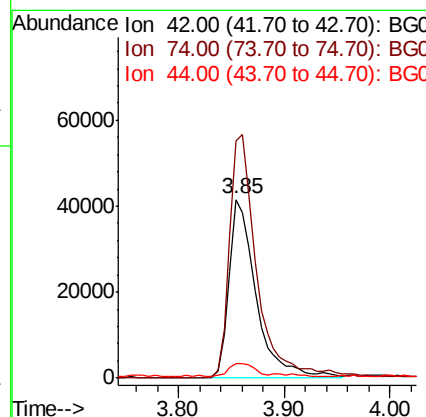
RT: 3.85 min Scan# 96

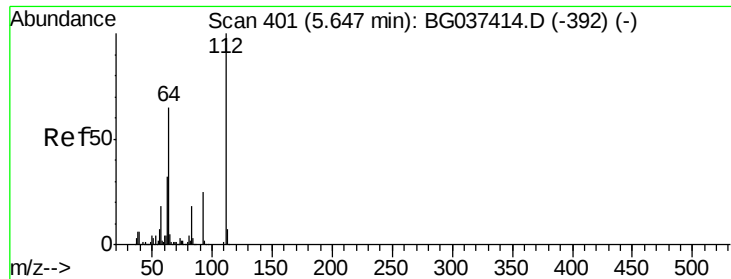
Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Tgt Ion:	42	Resp:	74141
Ion	Ratio	Lower	Upper
42	100		
74	133.0	102.0	153.0
44	8.4	9.6	14.4





#5

2-Fluorophenol

Concen: 79.389 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

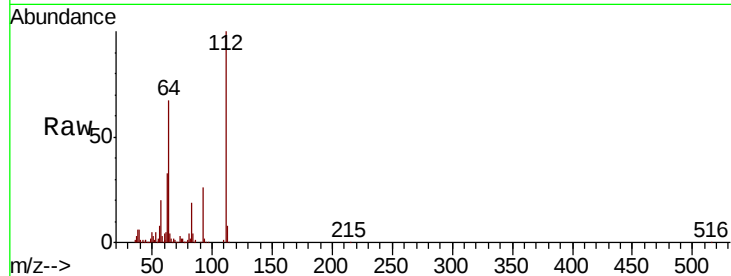
ClientSampleId :

SSTDCCC040EC

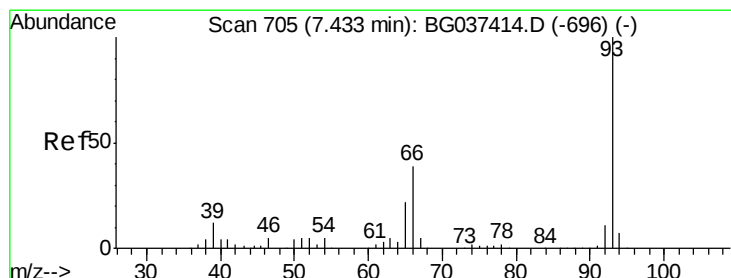
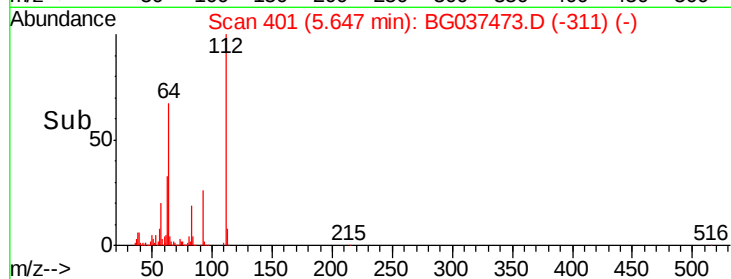
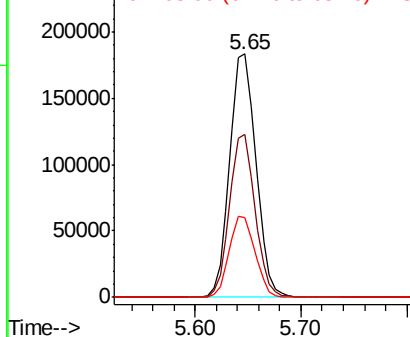
Tgt Ion:	112	Resp:	314269
Ion Ratio	Lower	Upper	
112	100		
64	66.8	53.1	79.7
63	33.0	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.595 ng

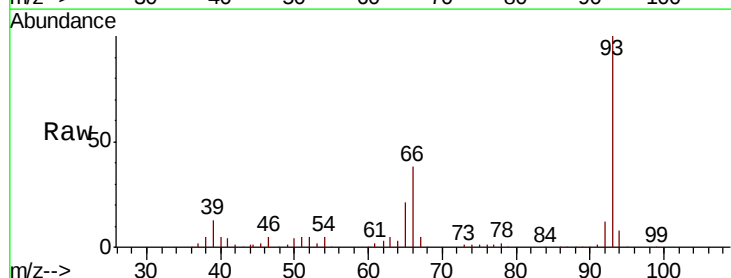
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

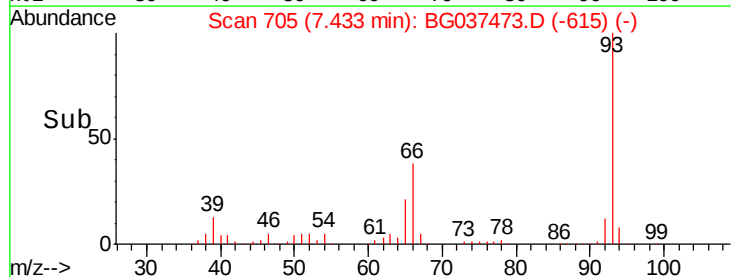
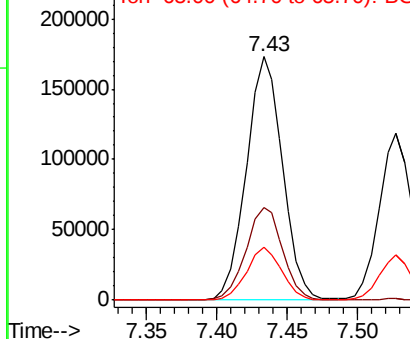
Lab File: BG037473.D

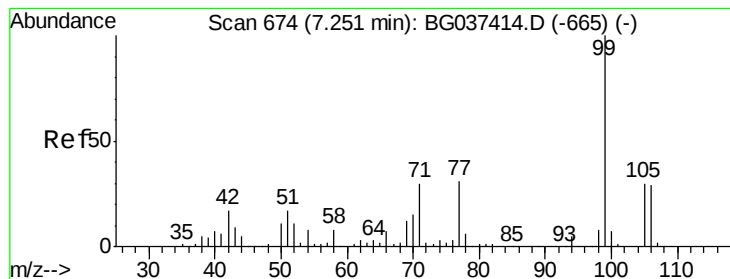
Acq: 20 Oct 2018 5:38

Tgt Ion:	93	Resp:	311046
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.8	49.2
65	21.5	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.178 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

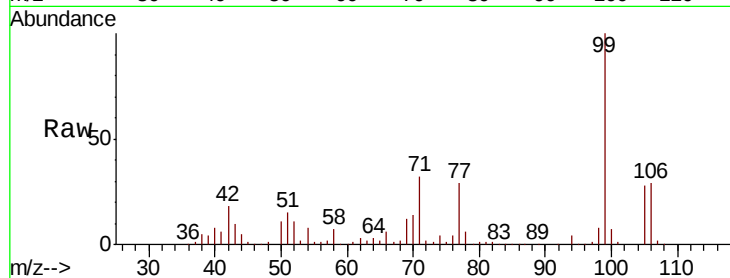
ClientSampleId :

SSTDCCC040EC

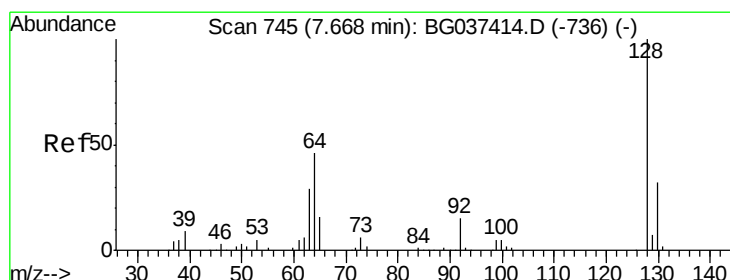
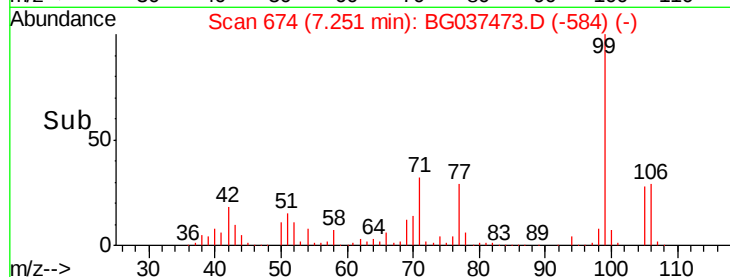
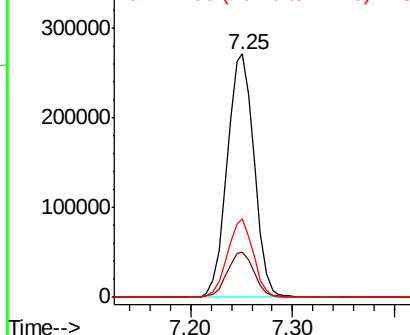
Tgt Ion:	99	Resp:	497896
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.0	22.4
71	32.0	25.5	38.3

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



#8

2-Chlorophenol

Concen: 40.049 ng

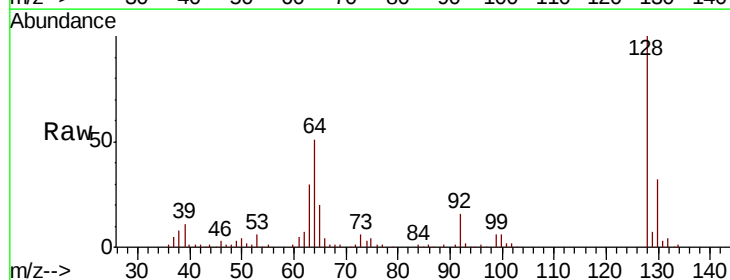
RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

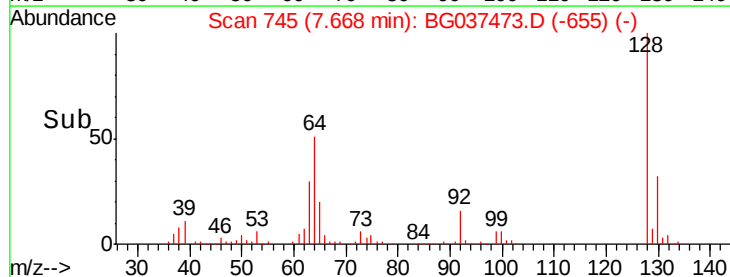
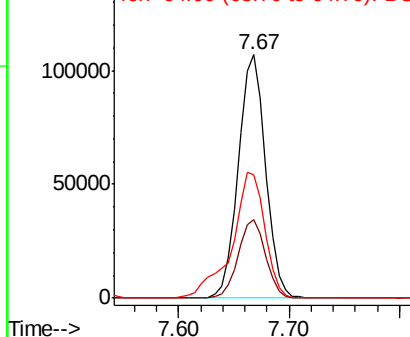
Lab File: BG037473.D

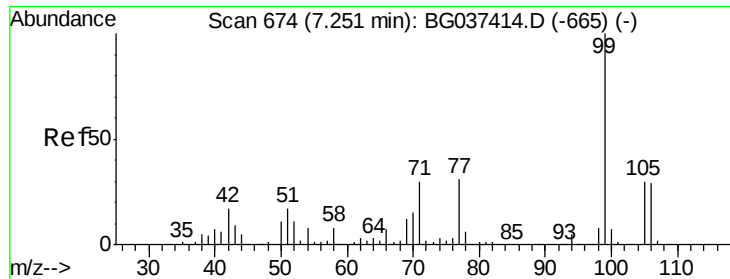
Acq: 20 Oct 2018 5:38

Tgt Ion:	128	Resp:	185468
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	50.6	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: 38.814 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

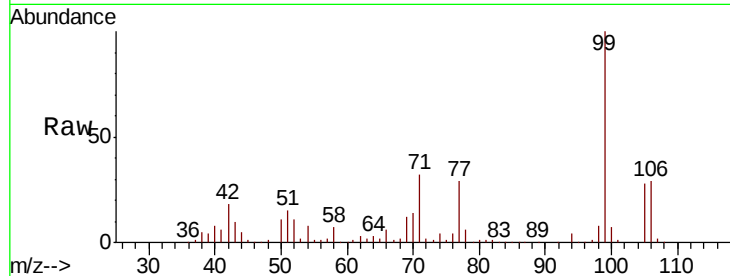
ClientSampleId :

SSTDCCC040EC

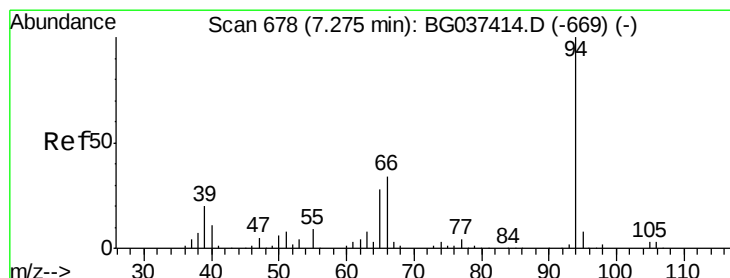
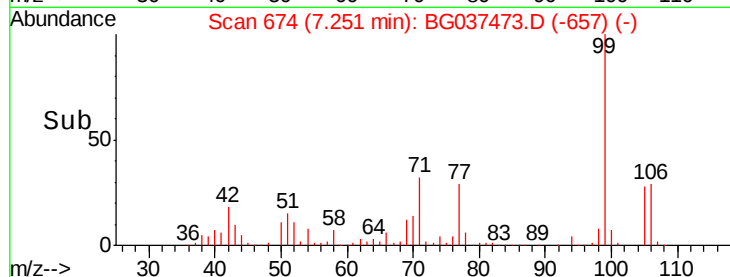
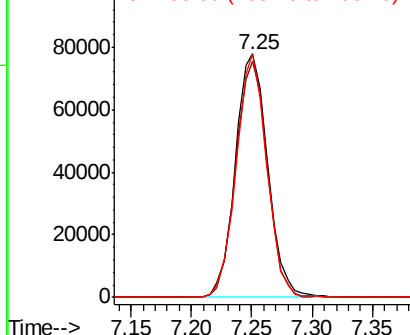
Tgt Ion:	77	Resp:	145335
Ion Ratio	Lower	Upper	
77	100		
105	96.9	72.6	112.6
106	100.0	71.3	111.3

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: 41.700 ng

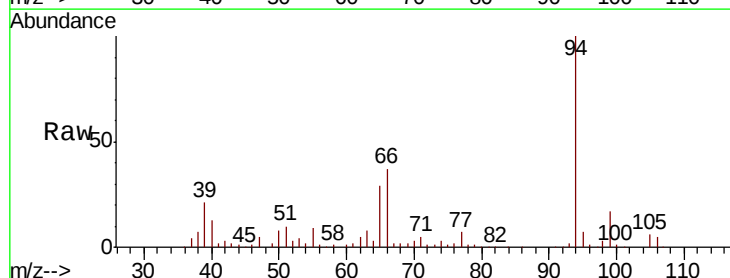
RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

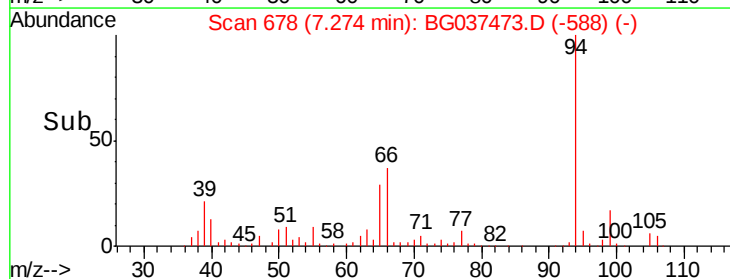
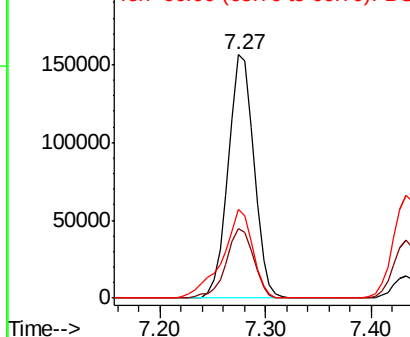
Lab File: BG037473.D

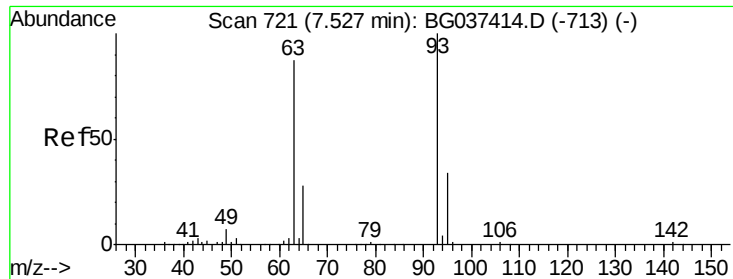
Acq: 20 Oct 2018 5:38

Tgt Ion:	94	Resp:	263365
Ion Ratio	Lower	Upper	
94	100		
65	28.7	9.7	49.7
66	36.6	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





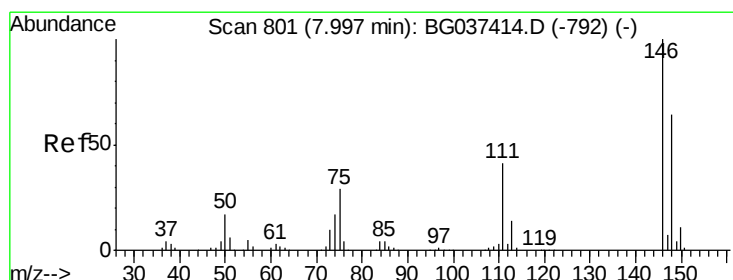
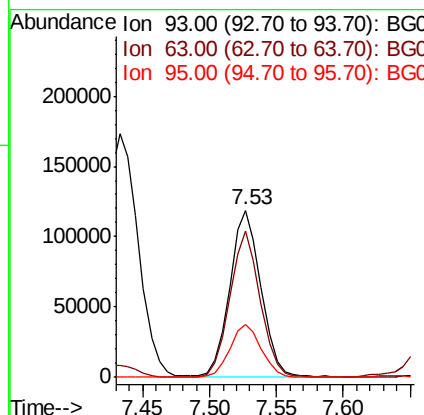
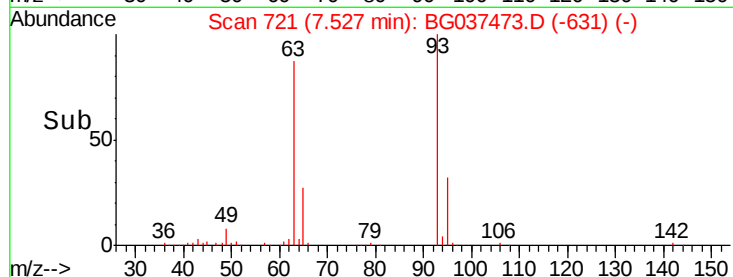
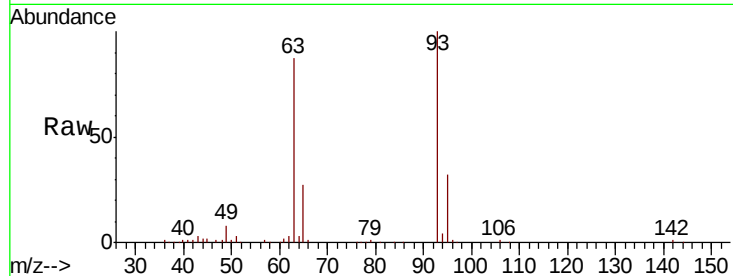
#11
bis(2-Chloroethyl)ether
Concen: 40.044 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.3	69.5	109.5
95	31.6	12.6	52.6

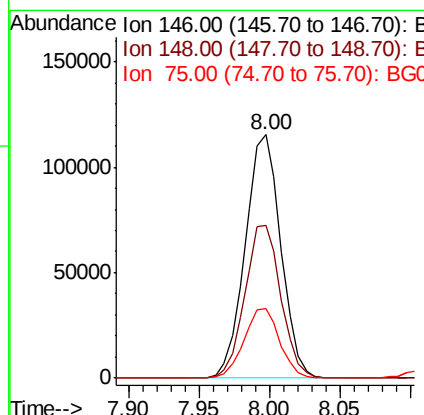
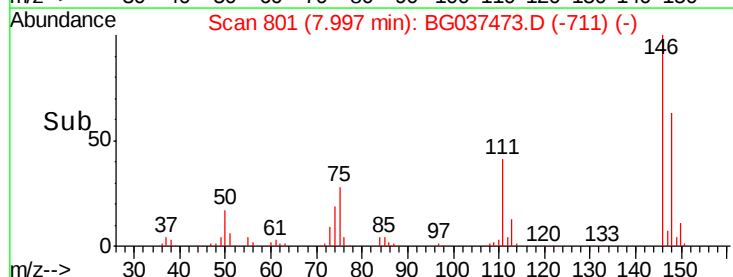
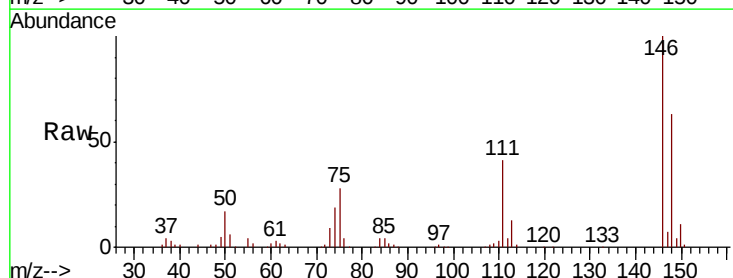
Manual Integrations
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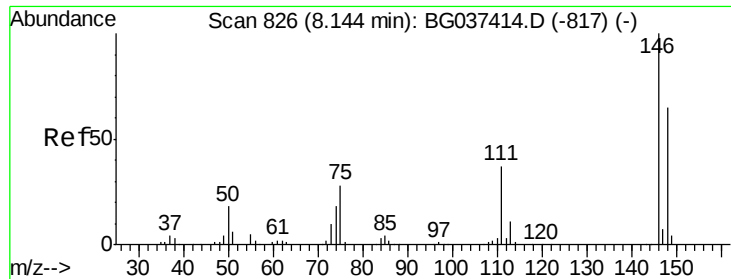
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.468 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.8	74.8
75	28.3	23.2	34.8





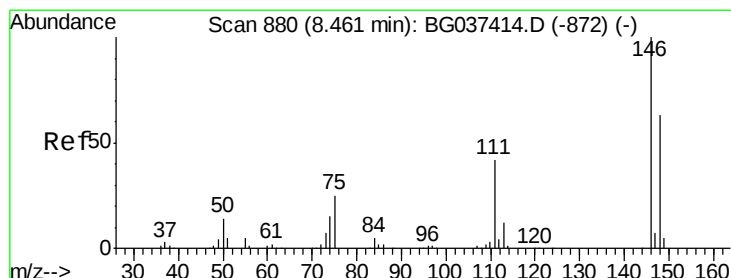
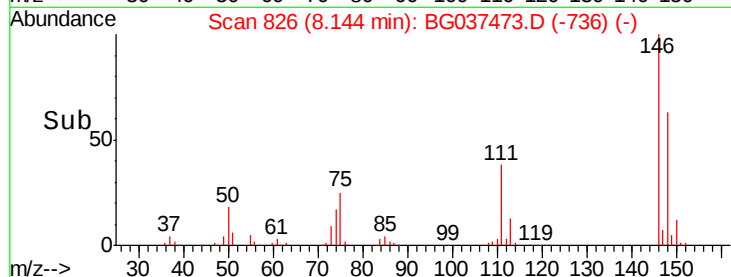
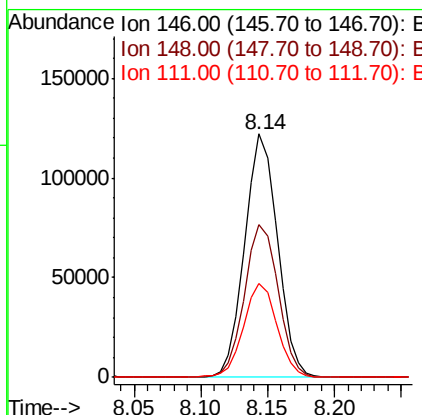
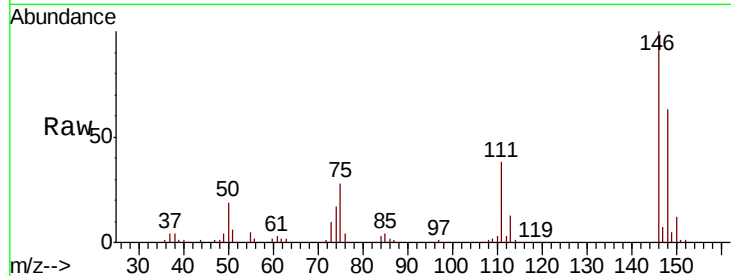
#13
 1,4-Dichlorobenzene
 Concen: 39.376 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
111	38.4	32.4	48.6

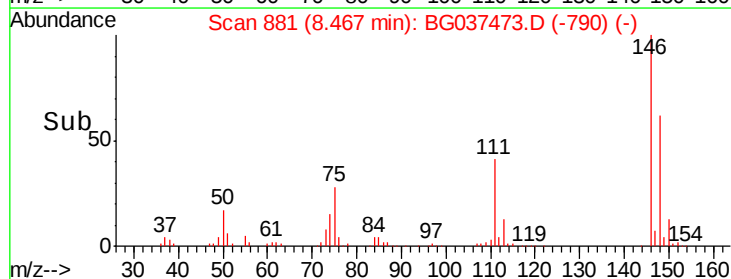
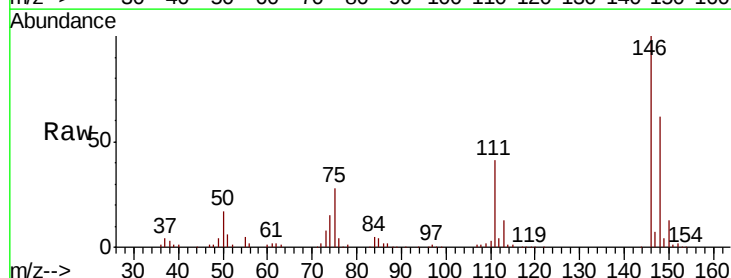
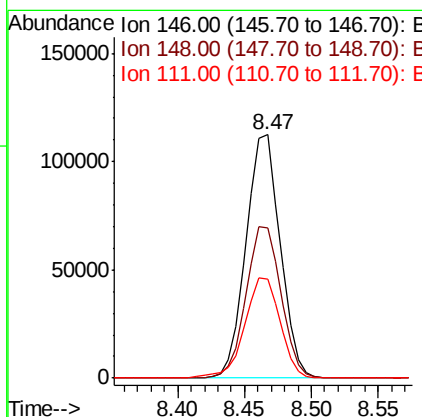
Manual Integrations
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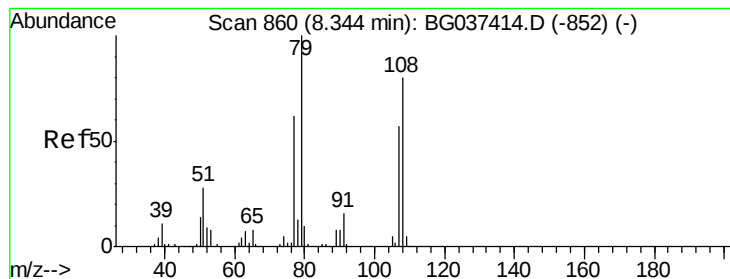
Sohil
 10/22/2018 3:39:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.157 ng
 RT: 8.47 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.4	75.6
111	40.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 45.564 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

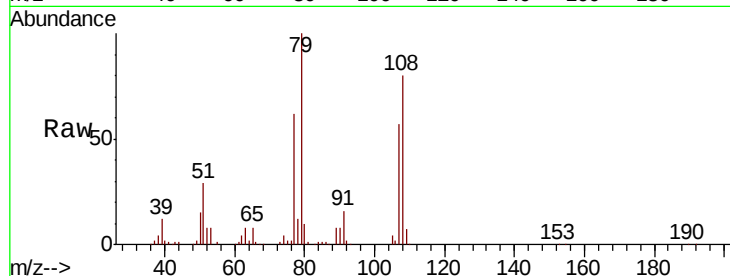
ClientSampleId :

SSTDCCC040EC

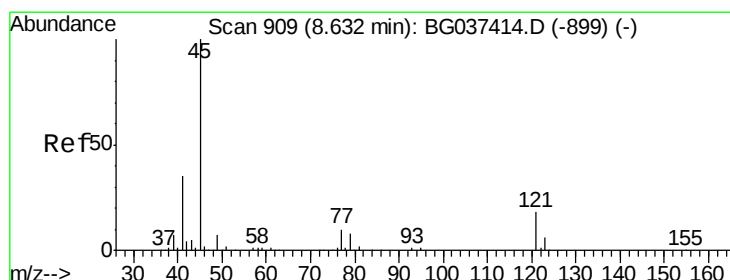
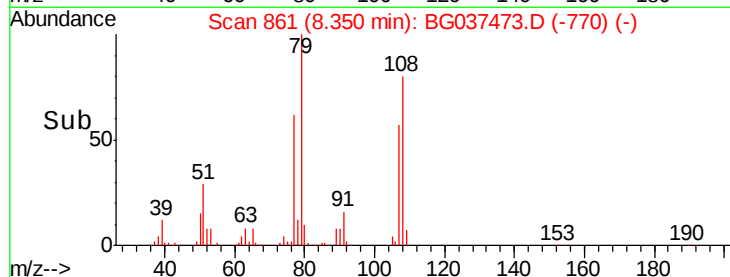
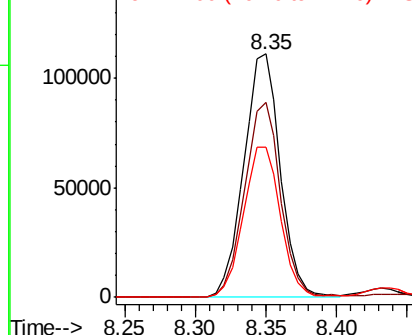
Tgt Ion:	79	Resp:	201530
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.8	98.8
77	61.7	52.9	79.3

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.224 ng

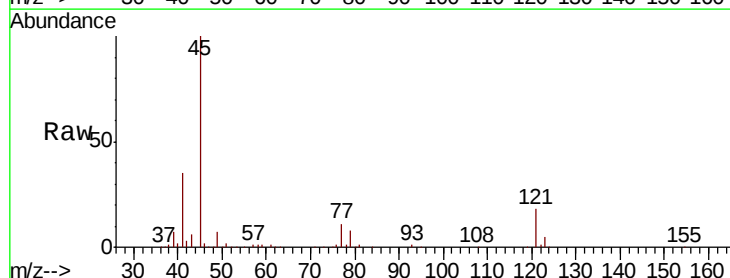
RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

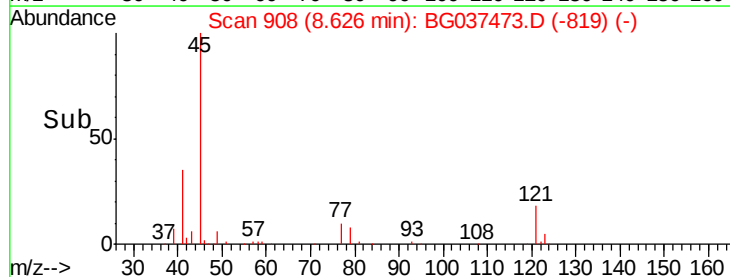
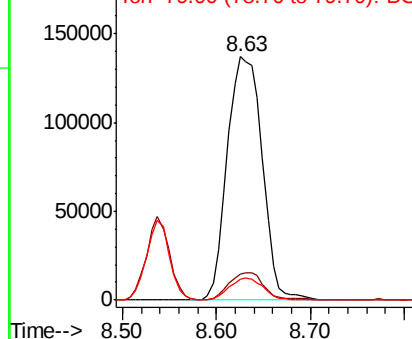
Lab File: BG037473.D

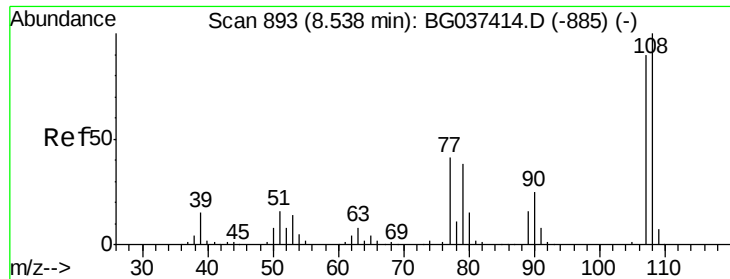
Acq: 20 Oct 2018 5:38

Tgt Ion:	45	Resp:	353824
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.0
79	8.4	0.0	29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





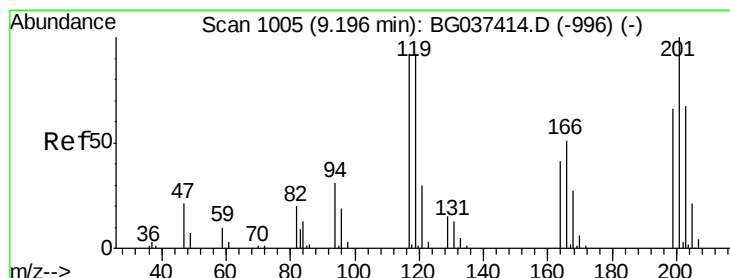
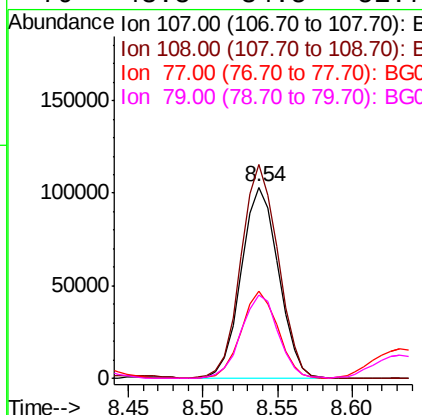
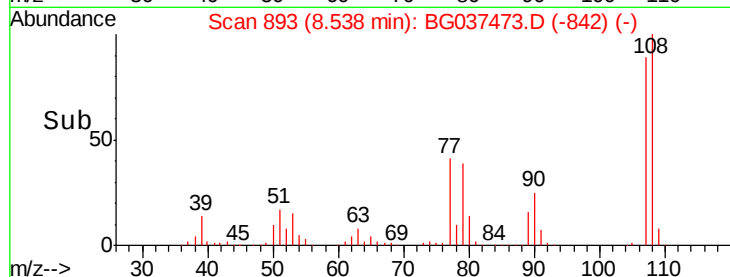
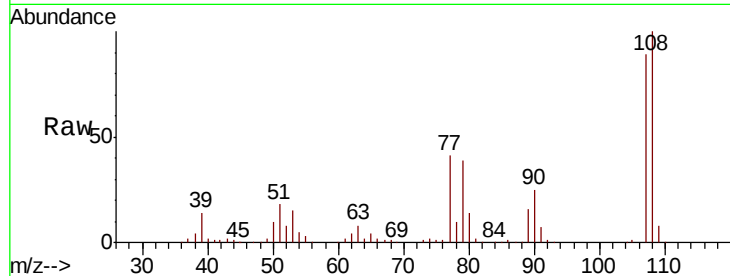
#17
2-Methylphenol
Concen: 42.489 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	177411		
108	112.0	87.9	131.9	
77	45.5	35.1	52.7	
79	43.8	34.5	51.7	

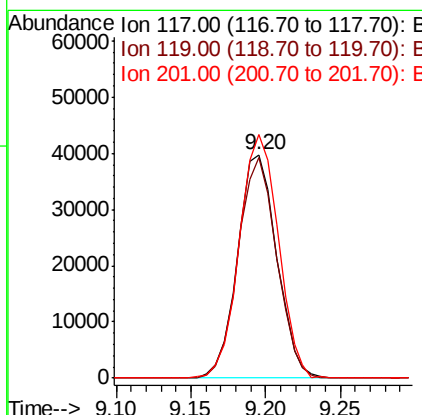
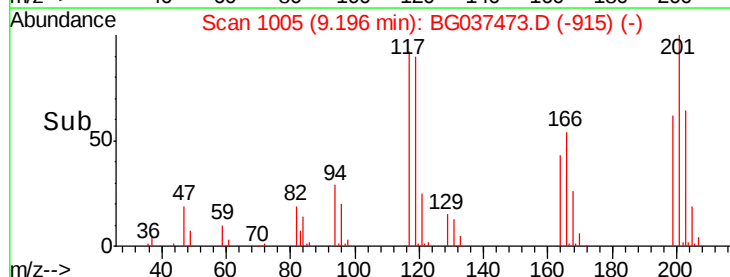
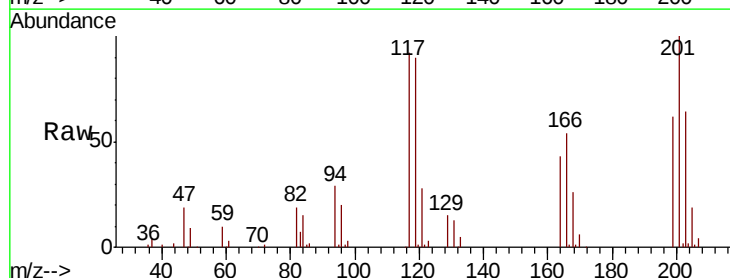
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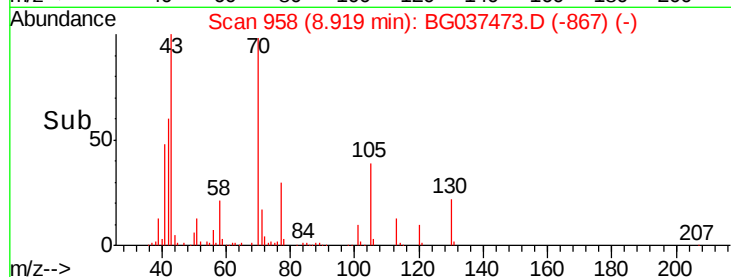
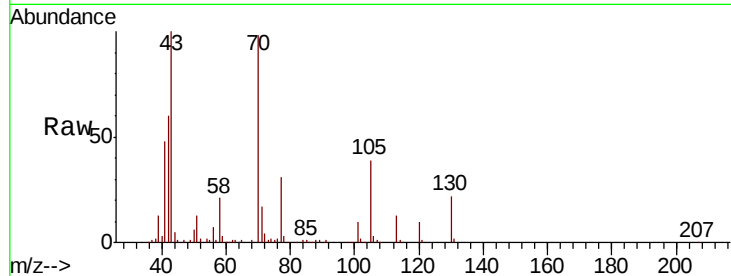
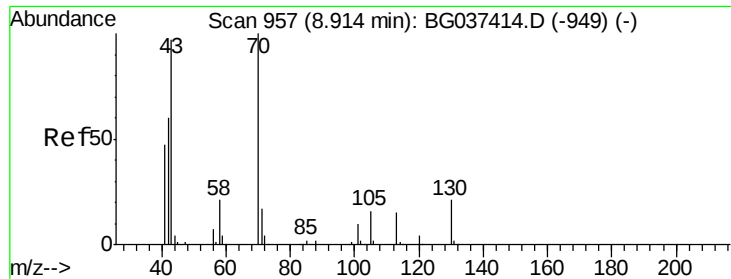
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#18
Hexachloroethane
Concen: 40.197 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72270		
119	98.6	74.6	111.8	
201	109.1	80.8	121.2	





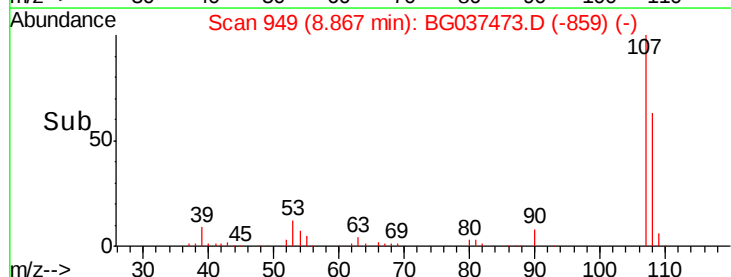
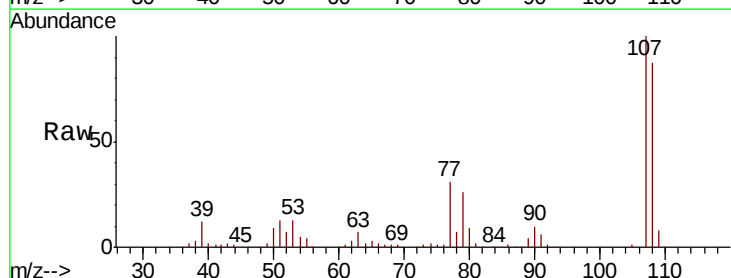
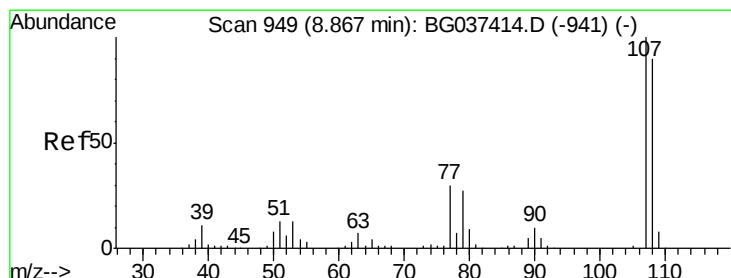
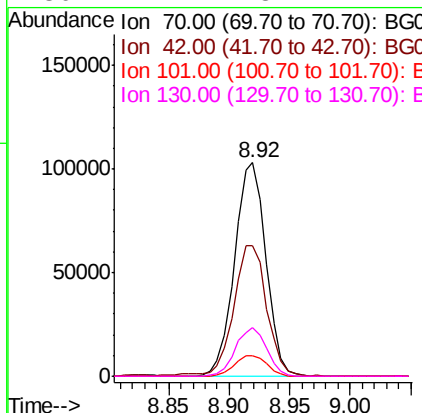
#19
n-Nitroso-di-n-propylamine
Concen: 45.142 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.0	53.9	80.9
101	9.8	8.2	12.2
130	22.7	18.2	27.4

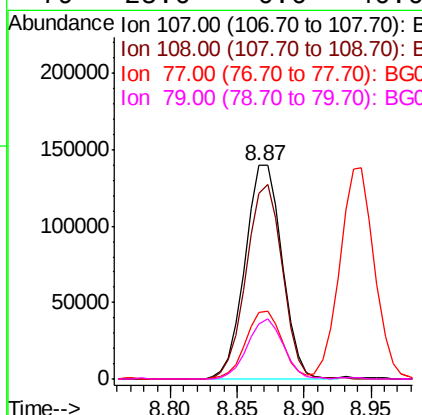
Manual Integrations
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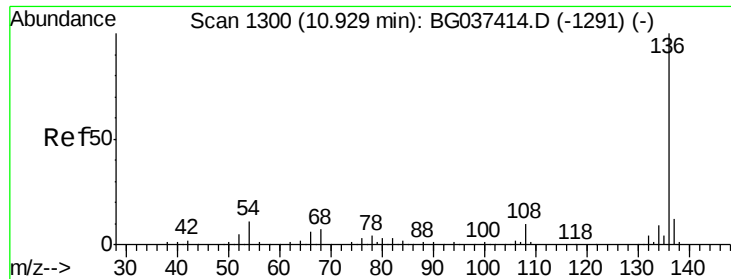
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#20
3+4-Methylphenols
Concen: 44.971 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.9	109.9
77	31.1	11.2	51.2
79	25.6	6.6	46.6





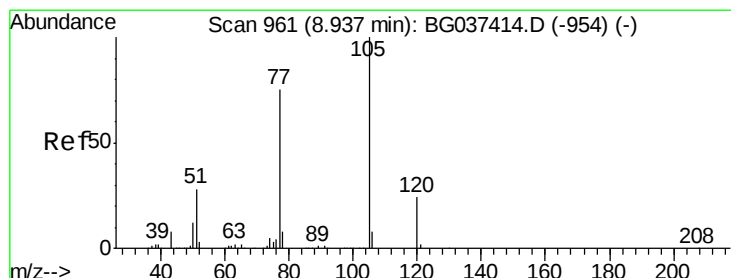
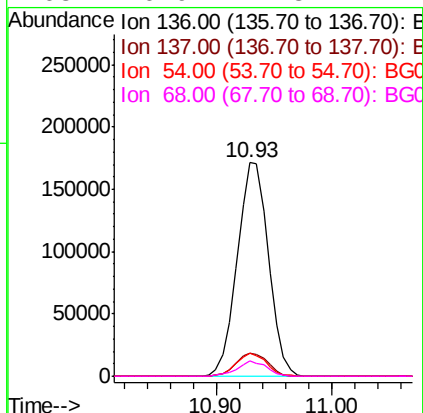
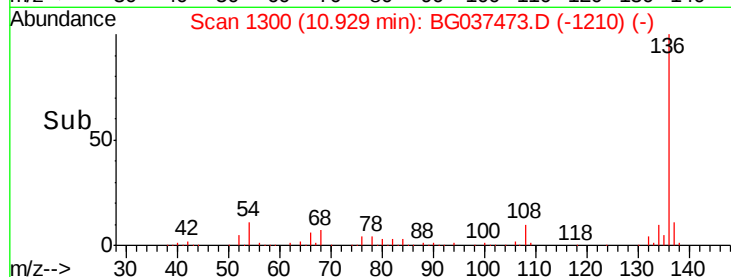
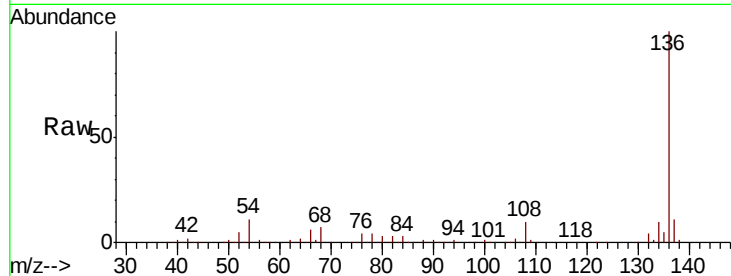
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	321506		
137	10.5	9.6	14.4	
54	10.9	7.9	11.9	
68	6.9	4.8	7.2	

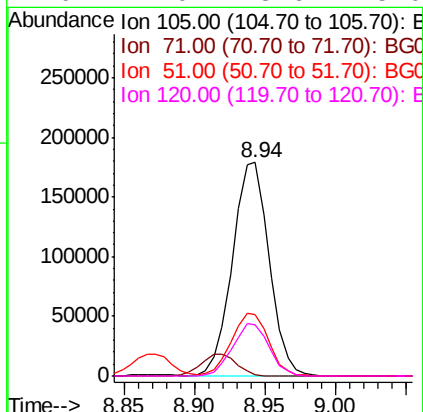
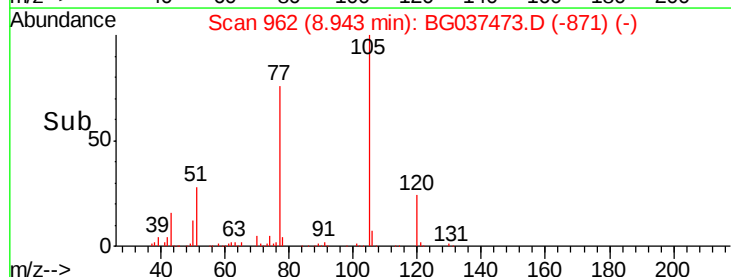
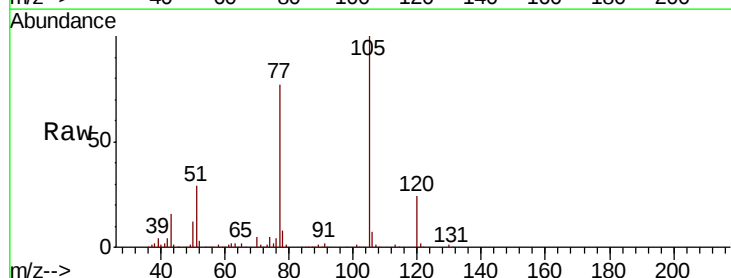
Manual Integrations
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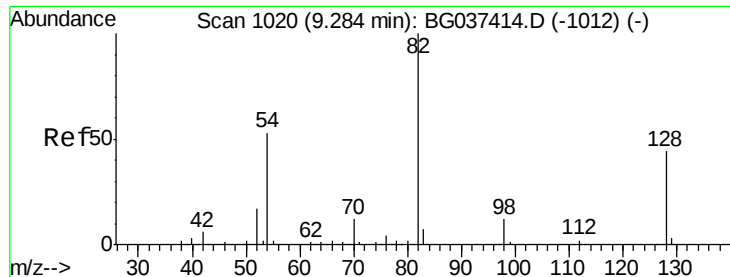
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#22
Acetophenone
Concen: 40.244 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	324498		
71	0.7	1.2	1.8#	
51	28.6	25.0	37.6	
120	24.0	18.6	28.0	





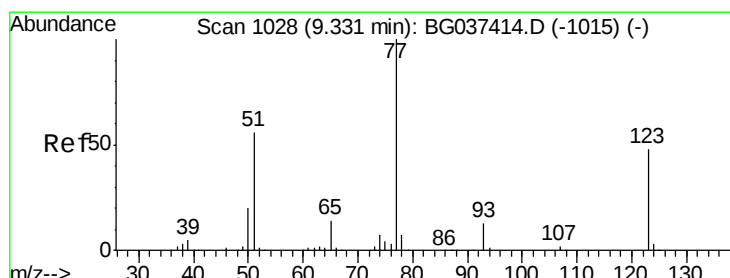
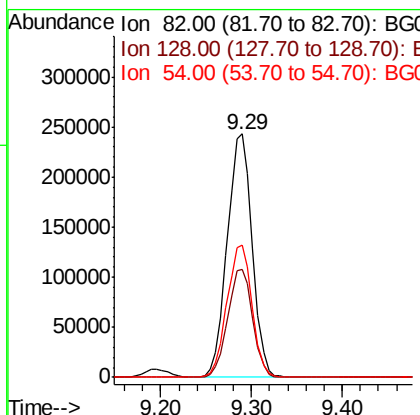
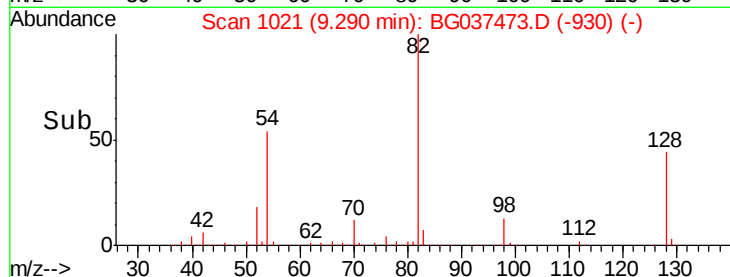
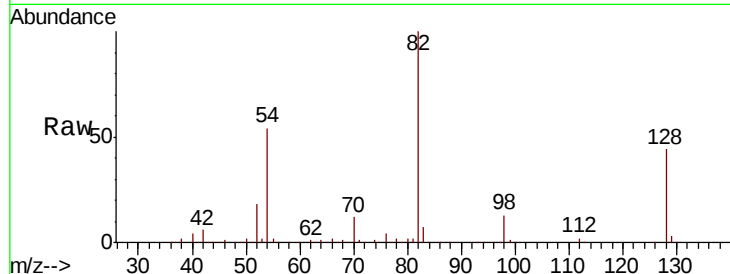
#23
 Nitrobenzene-d5
 Concen: 80.934 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	464500		
128	44.4	34.6	51.8	
54	54.1	45.3	67.9	

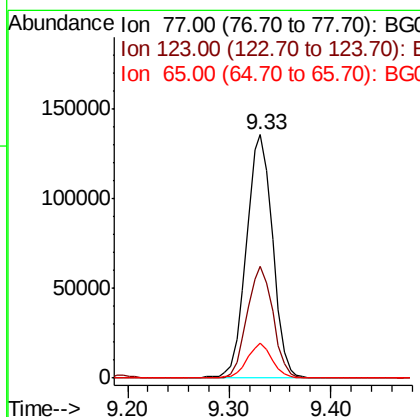
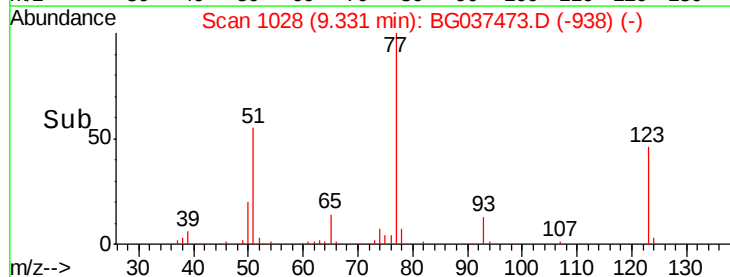
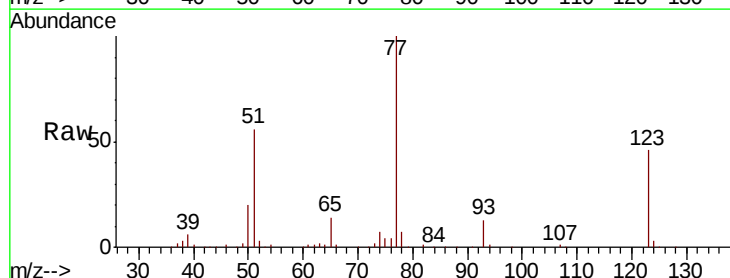
Manual Integrations
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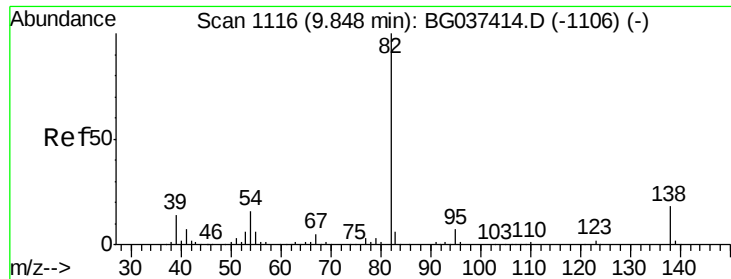
Sohil
 10/22/2018 3:39:44 PM



#24
 Nitrobenzene
 Concen: 40.669 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	242477		
123	45.8	33.6	50.4	
65	14.5	11.3	16.9	





#25

Isophorone

Concen: 45.511 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 477255
Ion Ratio Lower Upper

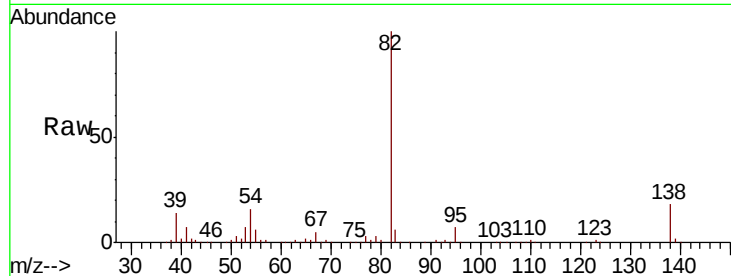
82 100

95 6.9 5.3 7.9

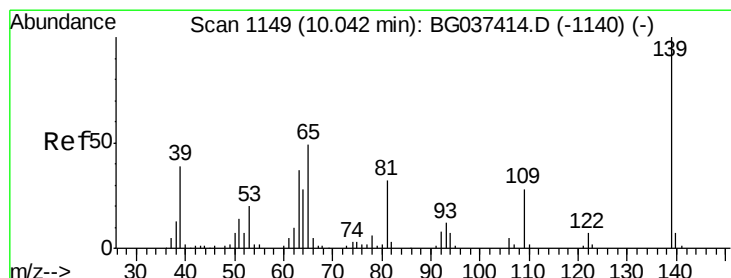
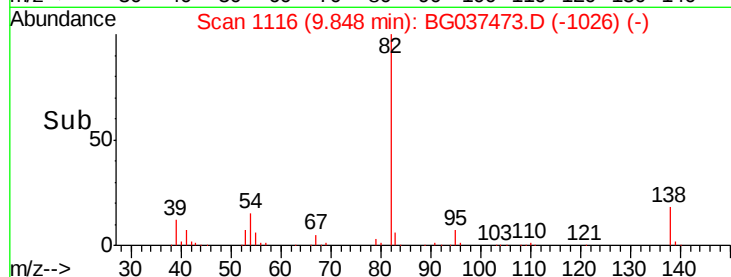
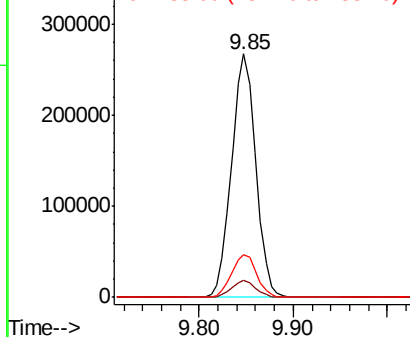
138 17.5 13.3 19.9

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: 44.647 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037473.D

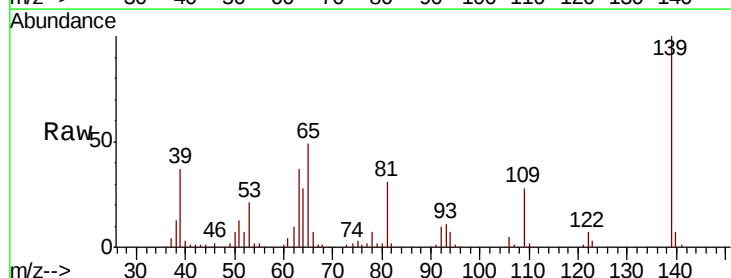
Acq: 20 Oct 2018 5:38

Tgt Ion: 139 Resp: 119918
Ion Ratio Lower Upper

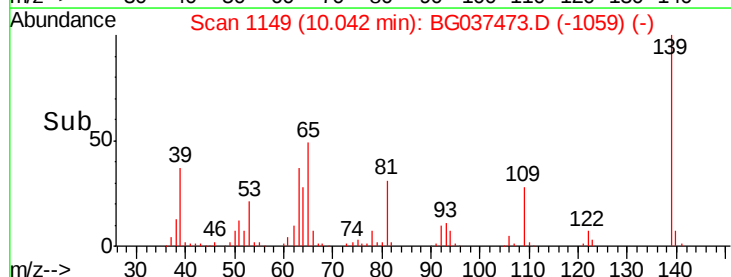
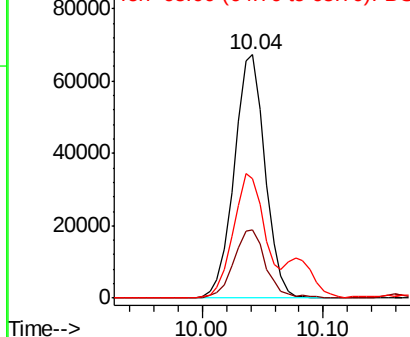
139 100

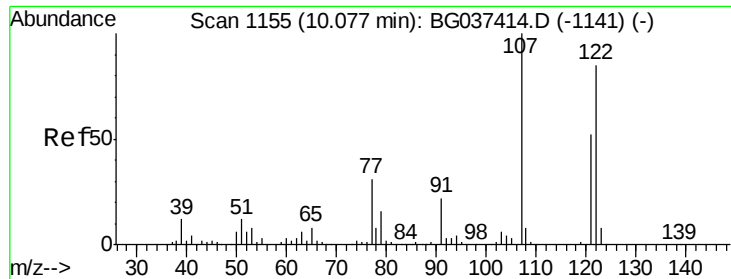
109 28.2 23.3 34.9

65 48.8 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





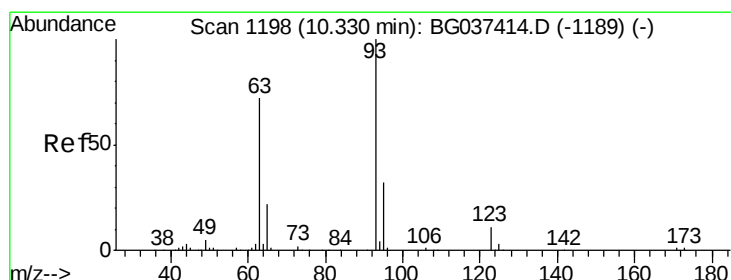
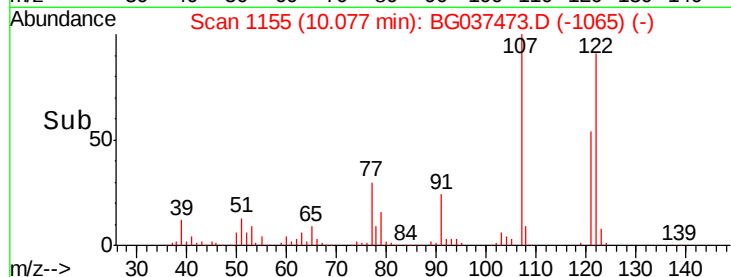
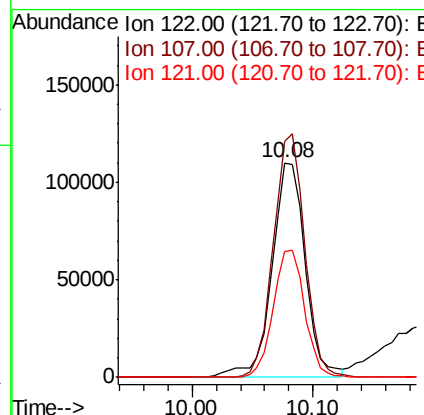
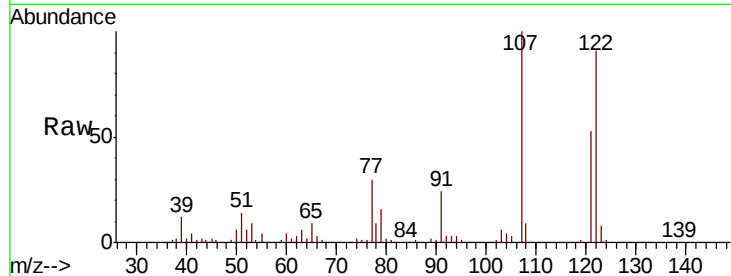
#27
 2,4-Dimethylphenol
 Concen: 43.547 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	208837		
107	110.0	94.2	141.2	
121	58.7	47.3	70.9	

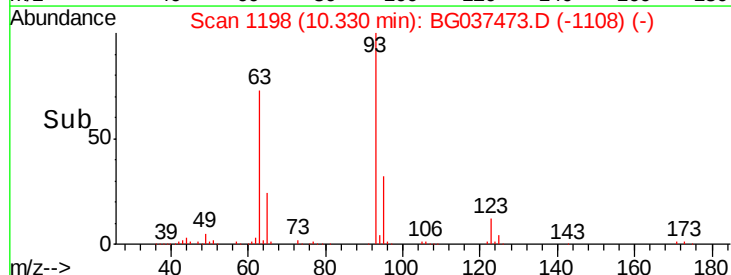
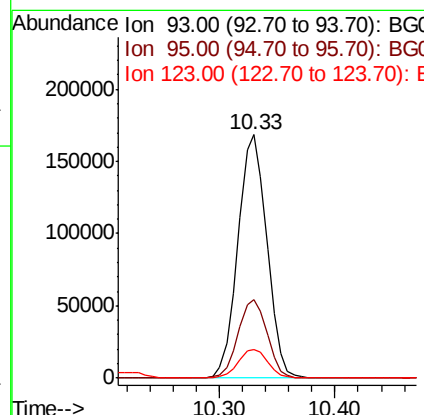
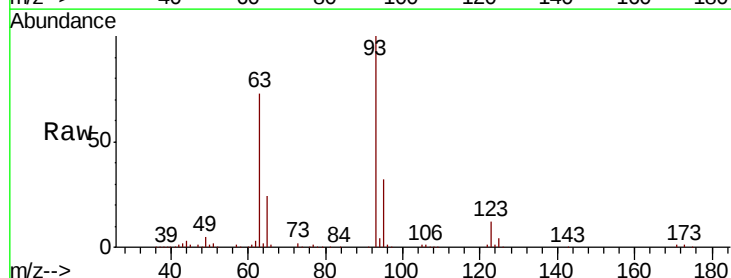
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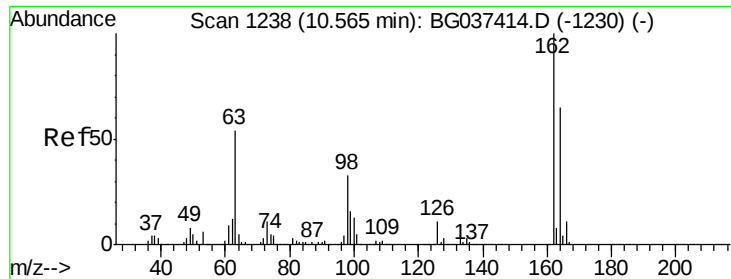
Sohil
 10/22/2018 3:39:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.505 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	292036		
95	32.3	24.6	37.0	
123	11.5	9.1	13.7	





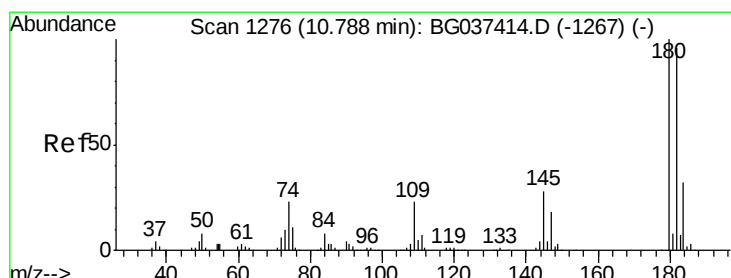
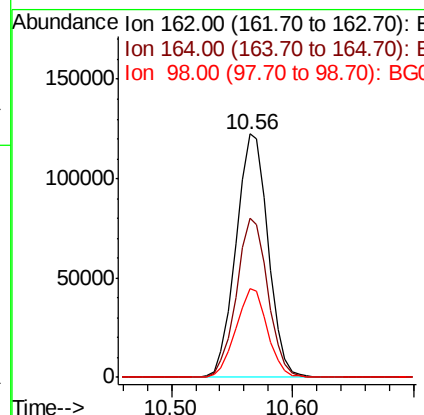
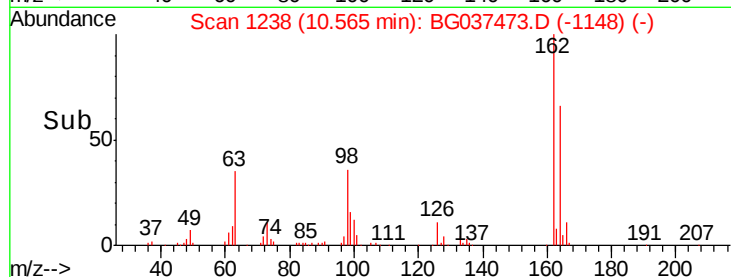
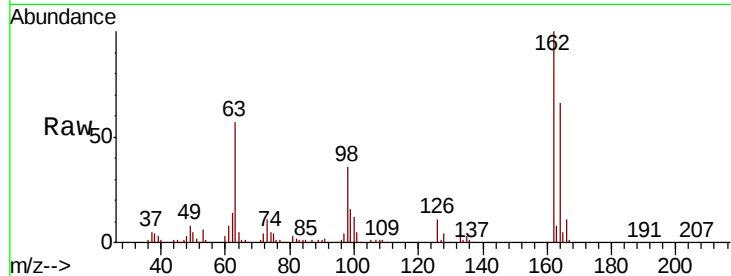
#29
2,4-Dichlorophenol
Concen: 42.440 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	226607		
164	65.5	43.2	83.2	
98	36.4	16.0	56.0	

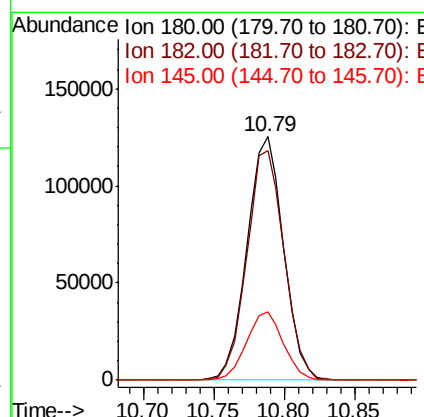
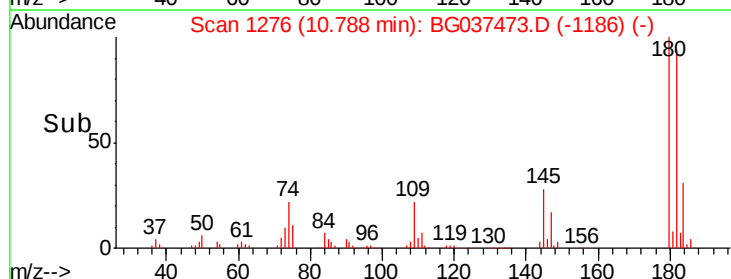
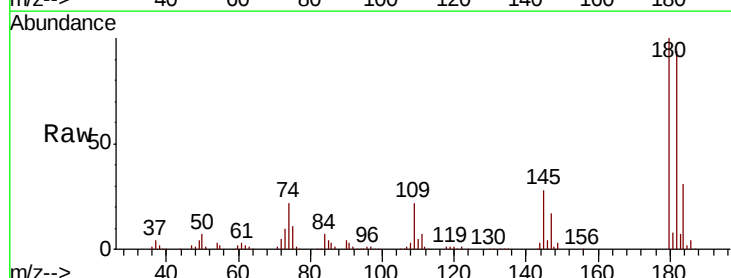
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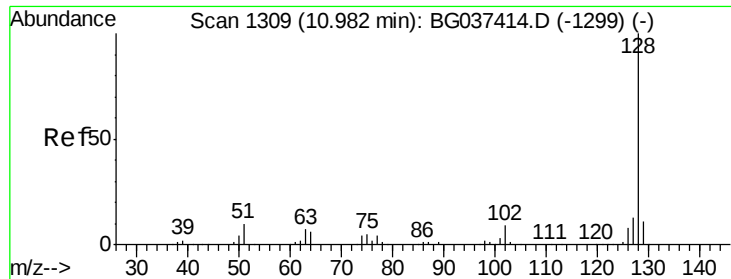
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.999 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226452		
182	94.1	77.7	116.5	
145	28.0	23.3	34.9	





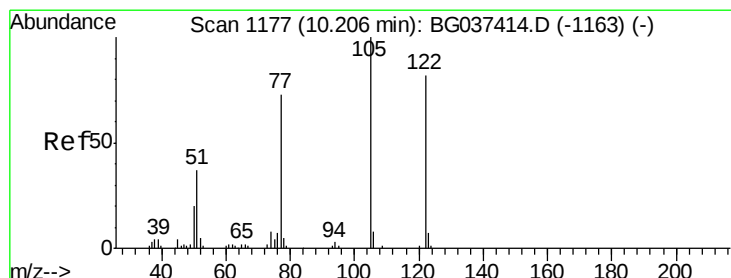
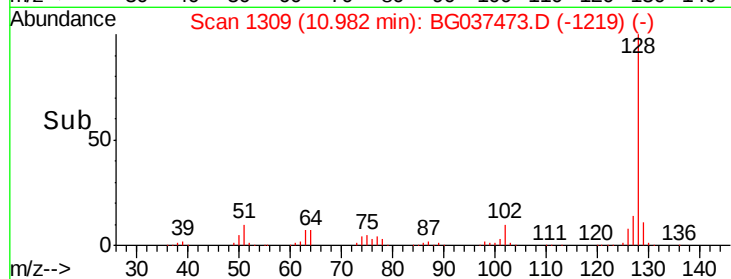
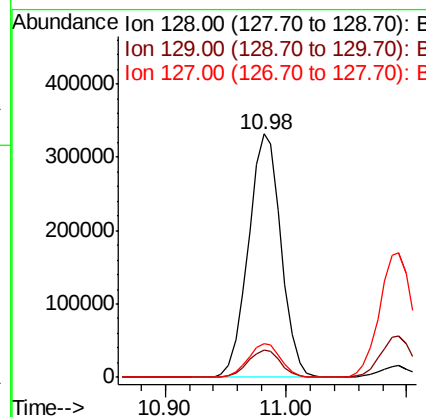
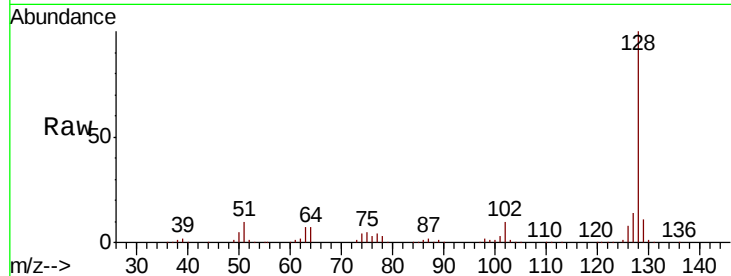
#31
Naphthalene
Concen: 39.344 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.1	11.1	16.7

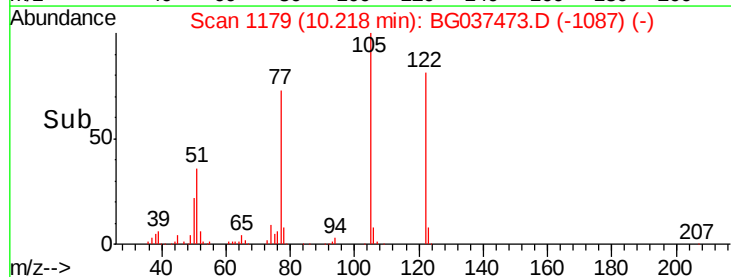
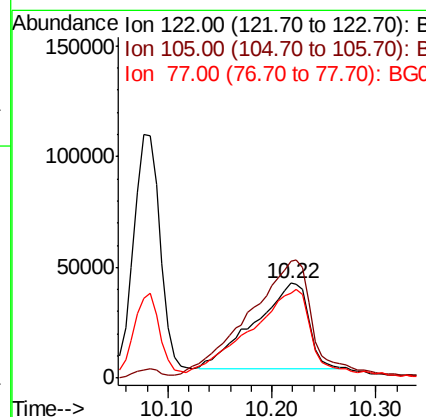
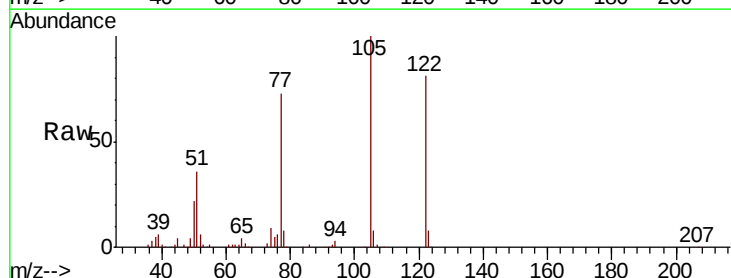
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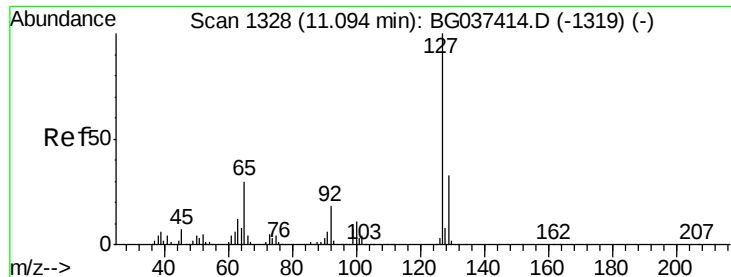
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#32
Benzoic acid
Concen: 44.371 ng m
RT: 10.22 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	106.7	146.7
77	90.4	72.2	112.2





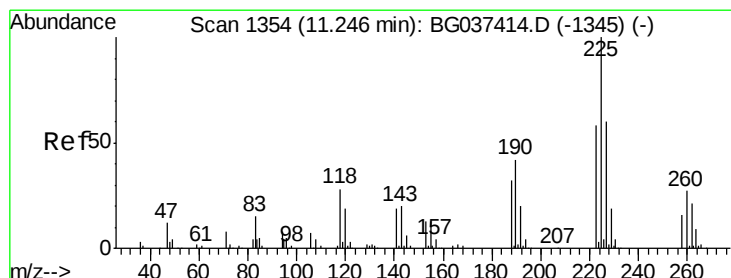
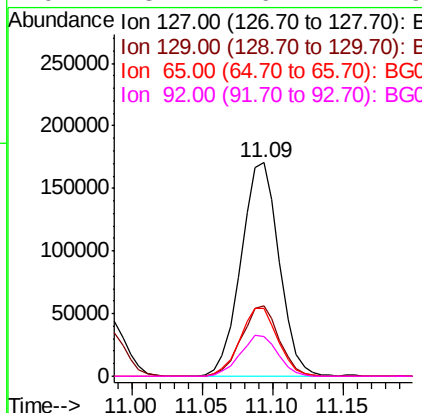
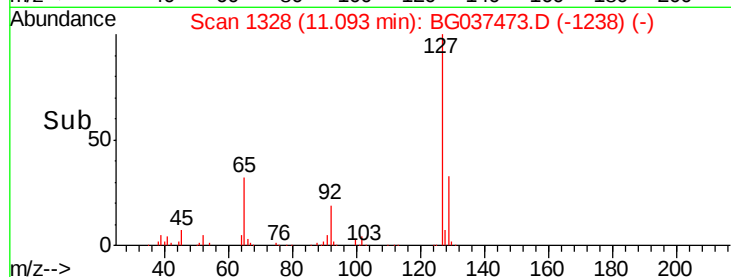
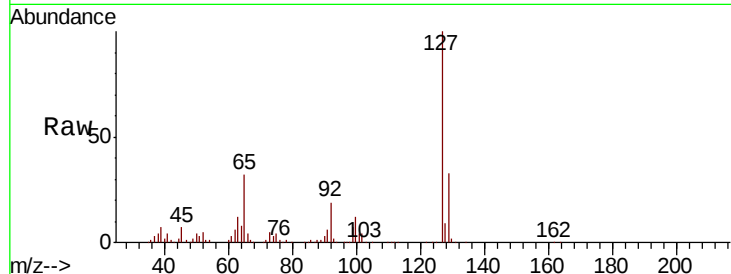
#33
4-Chloroaniline
Concen: 43.552 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	323149		
129	33.0	27.1	40.7	
65	32.0	26.6	39.8	
92	18.7	16.4	24.6	

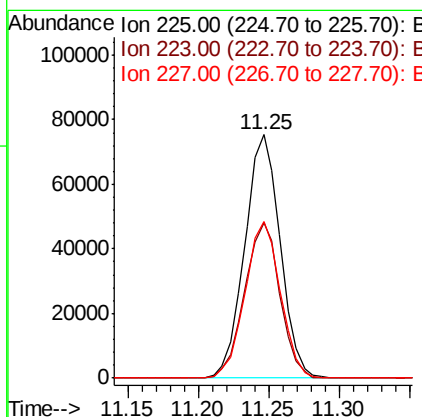
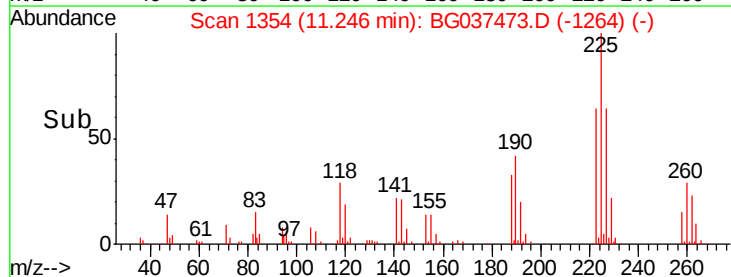
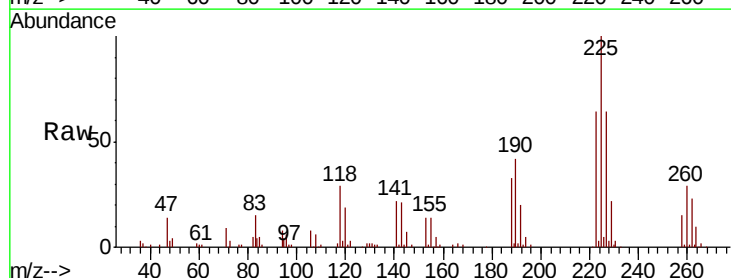
Manual Integrations
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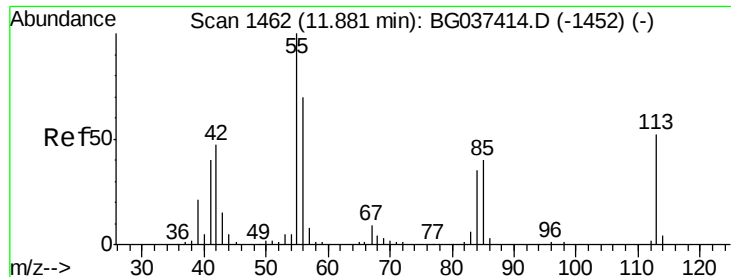
Sohil
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#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132537		
223	63.7	48.2	72.4	
227	64.0	51.6	77.4	





#35

Caprolactam

Concen: 47.537 ng

RT: 11.89 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 101799
Ion Ratio Lower Upper

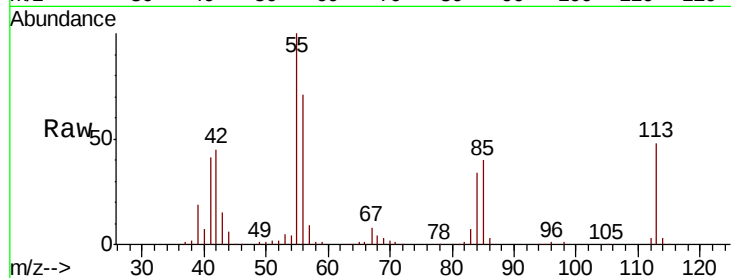
113 100

55 207.6 176.6 216.6

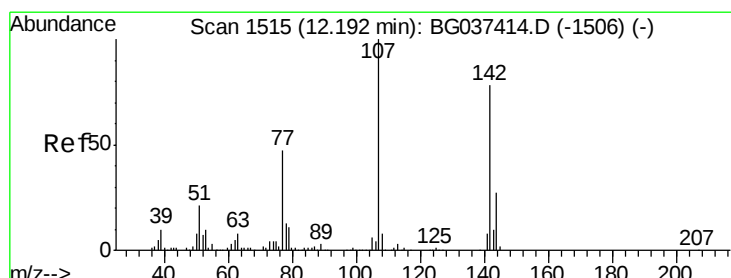
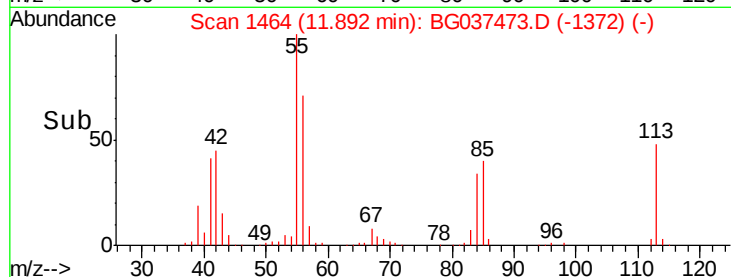
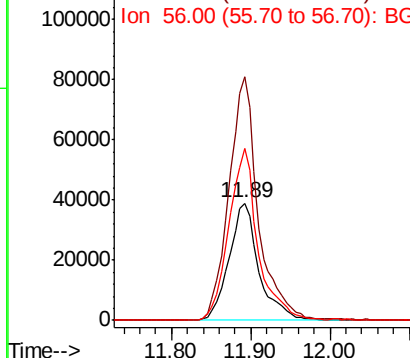
56 146.3 128.3 168.3

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.814 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037473.D

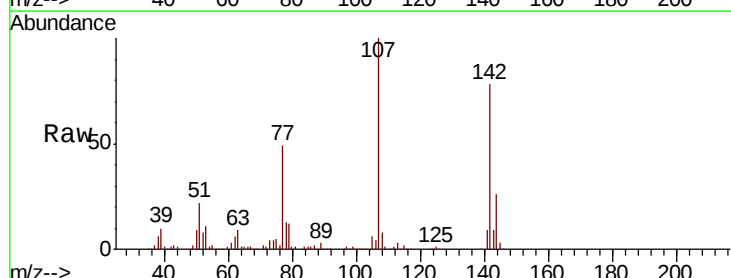
Acq: 20 Oct 2018 5:38

Tgt Ion:107 Resp: 269857
Ion Ratio Lower Upper

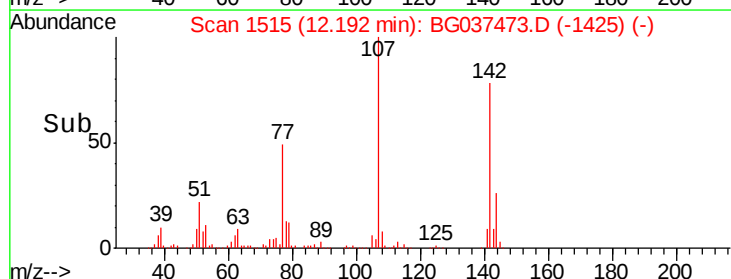
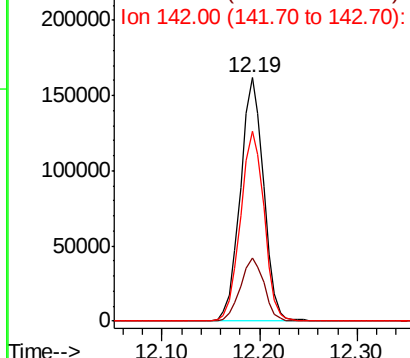
107 100

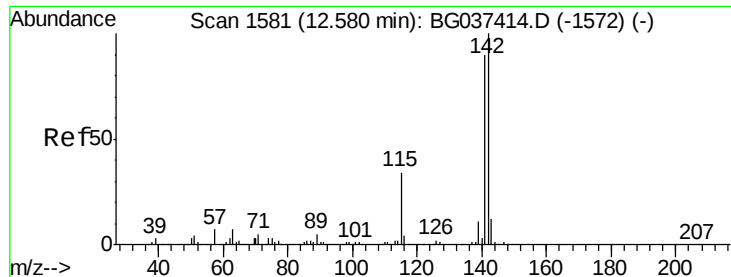
144 26.2 20.7 31.1

142 78.0 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





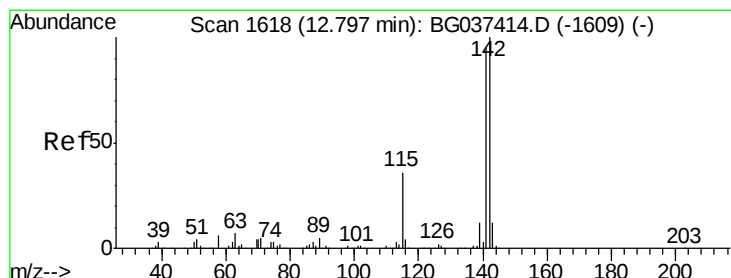
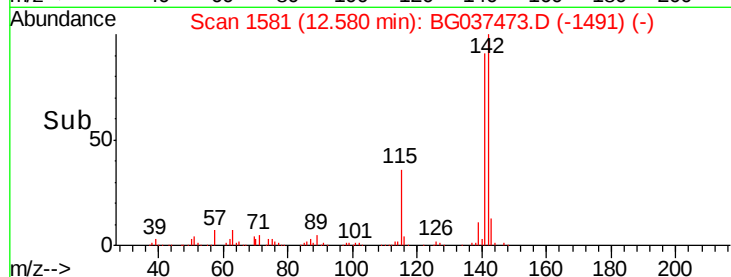
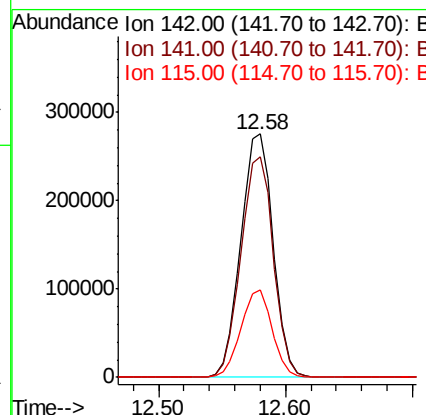
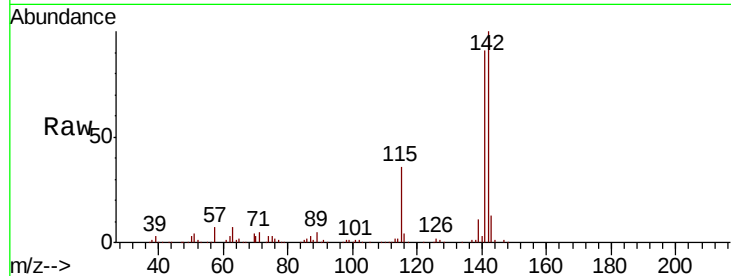
#37
 2-Methylnaphthalene
 Concen: 42.244 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	486283		
141	90.6	71.9	107.9	
115	35.9	27.8	41.8	

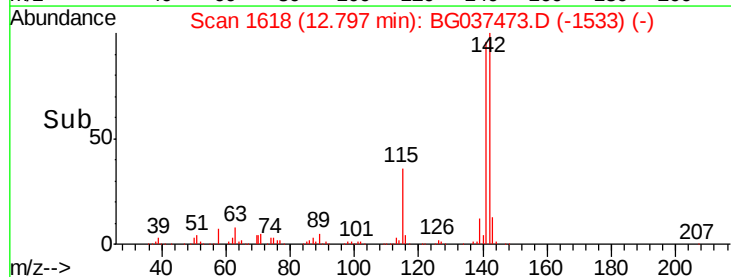
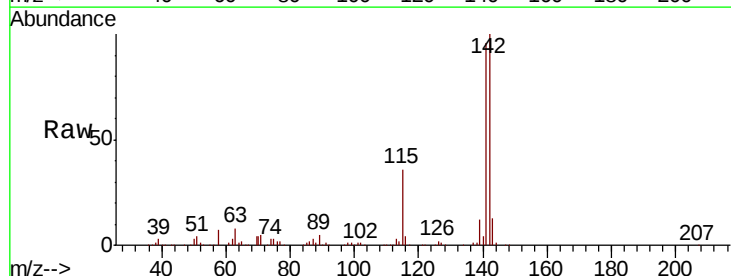
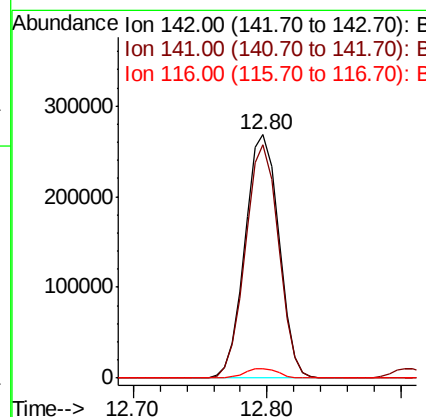
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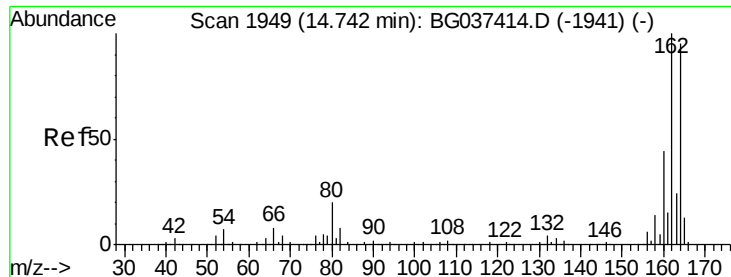
Sohil
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#38
 1-Methylnaphthalene
 Concen: 42.116 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	470820		
141	95.6	75.2	112.8	
116	3.6	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:164 Resp: 233356
Ion Ratio Lower Upper

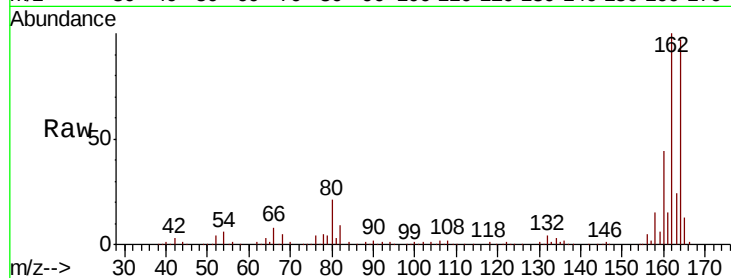
164 100

162 103.3 81.3 121.9

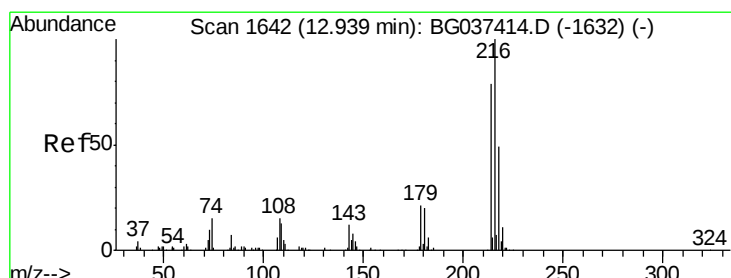
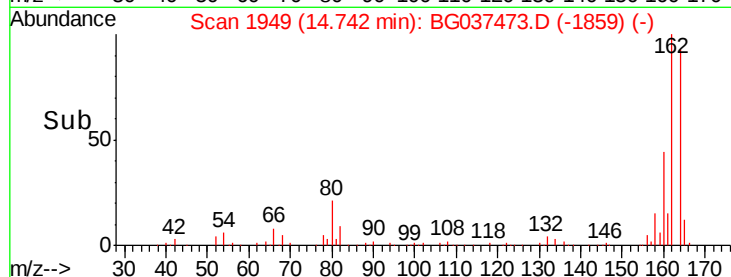
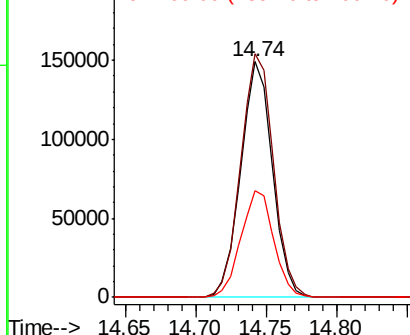
160 45.1 36.3 54.5

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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: 38.616 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Tgt Ion:216 Resp: 290663
Ion Ratio Lower Upper

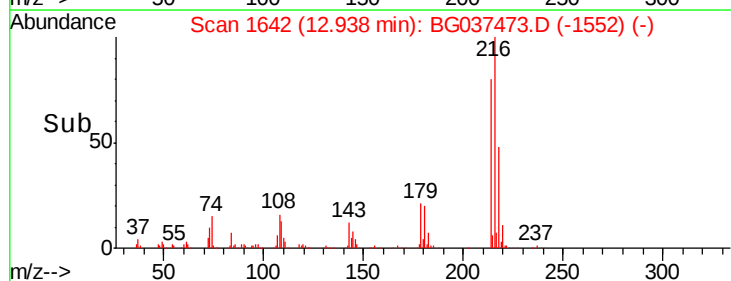
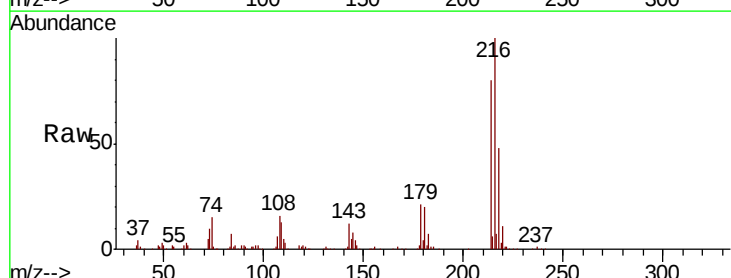
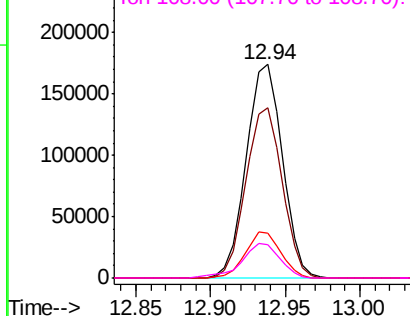
216 100

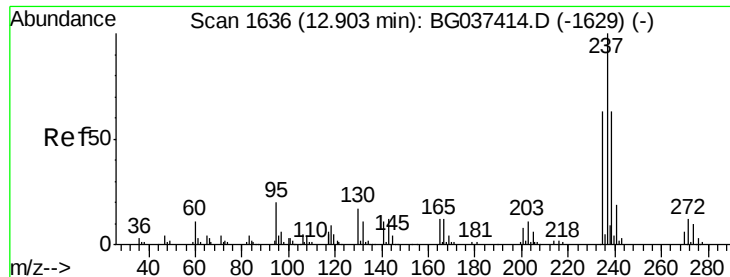
214 80.1 63.8 95.6

179 21.0 17.4 26.0

108 17.2 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: 39.882 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

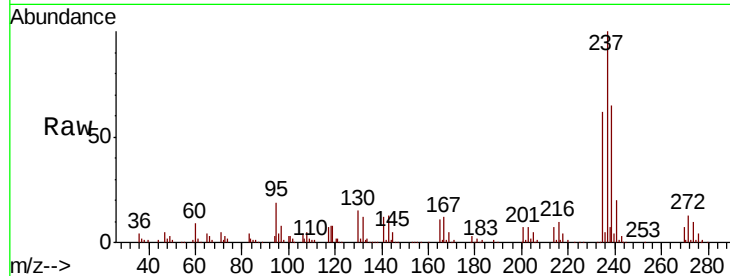
ClientSampleId :

SSTDCCC040EC

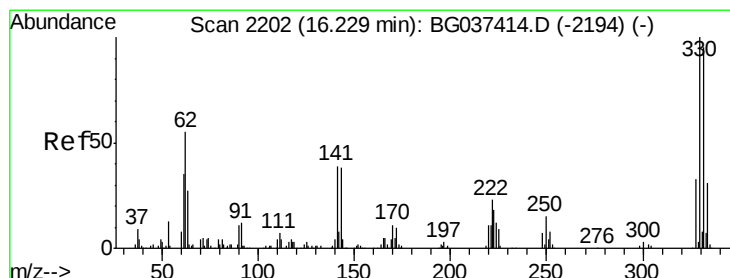
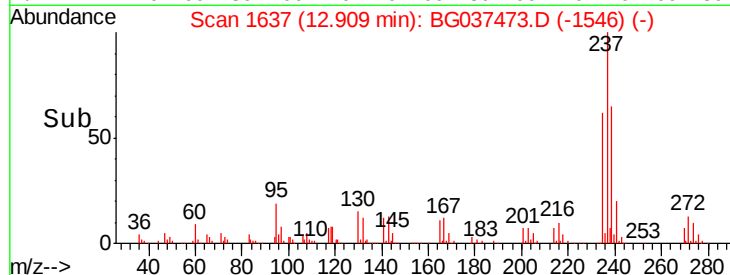
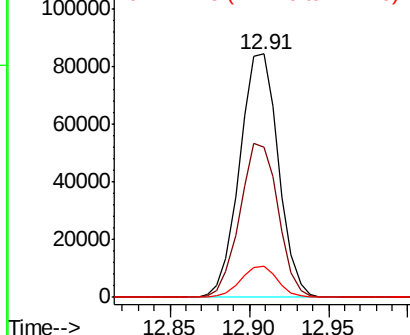
Tgt Ion:	237	Resp:	143395
Ion Ratio		Lower	Upper
237	100		
235	61.7	42.5	82.5
272	12.5	0.0	31.6

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: 84.292 ng

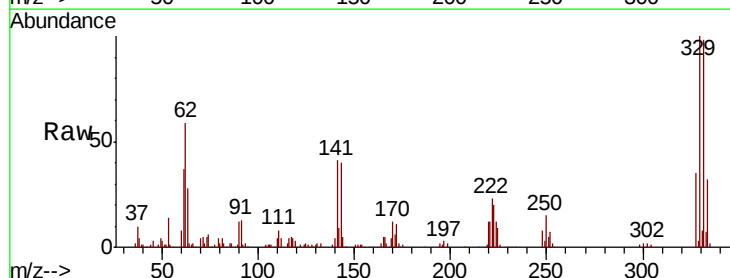
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

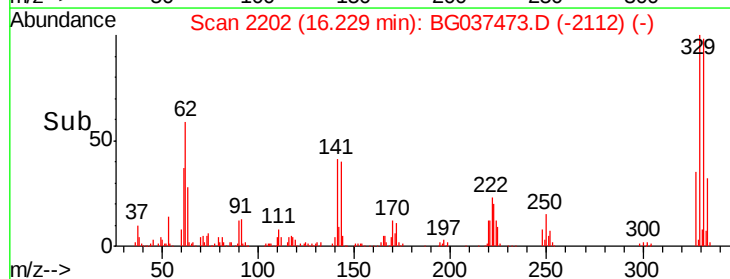
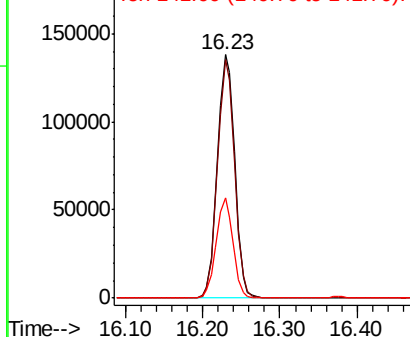
Lab File: BG037473.D

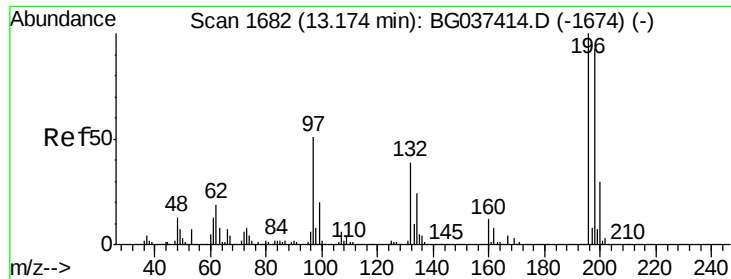
Acq: 20 Oct 2018 5:38

Tgt Ion:	330	Resp:	214538
Ion Ratio		Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.6	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





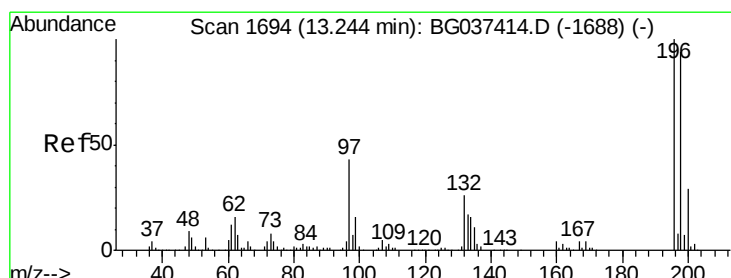
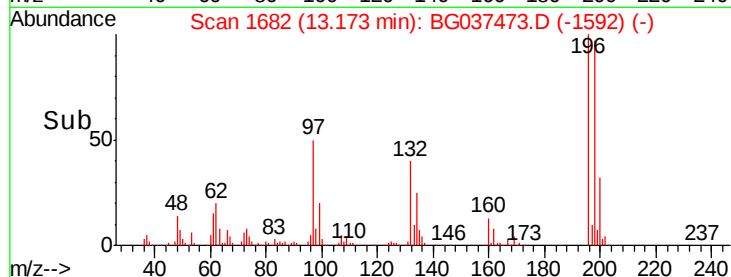
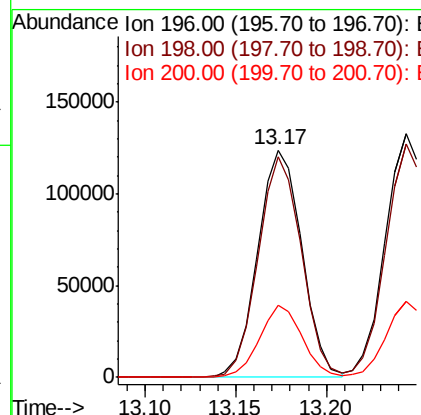
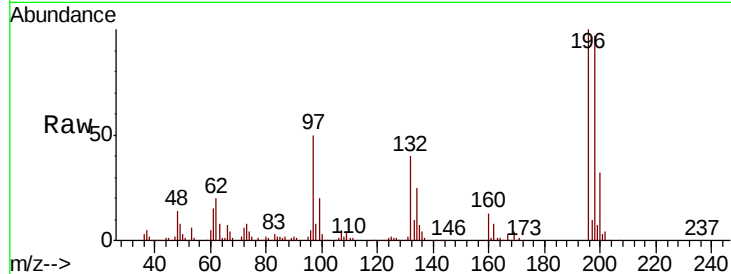
#43
 2,4,6-Trichlorophenol
 Concen: 41.513 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208755		
198	97.0	76.4	114.6	
200	31.7	24.9	37.3	

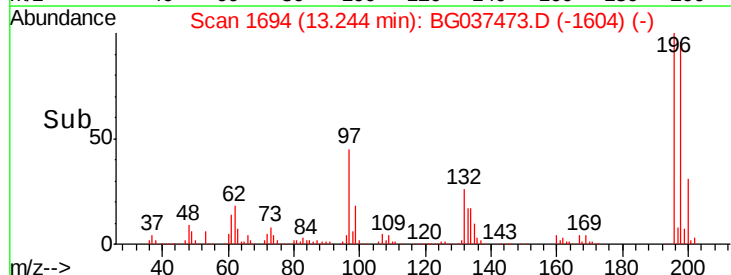
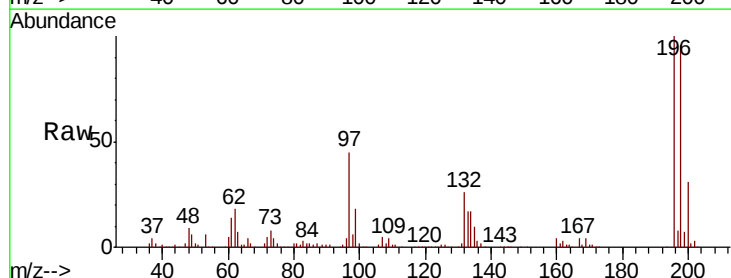
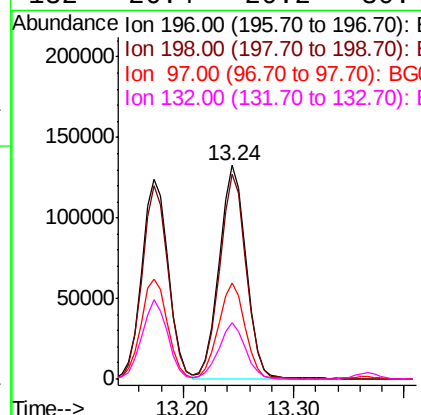
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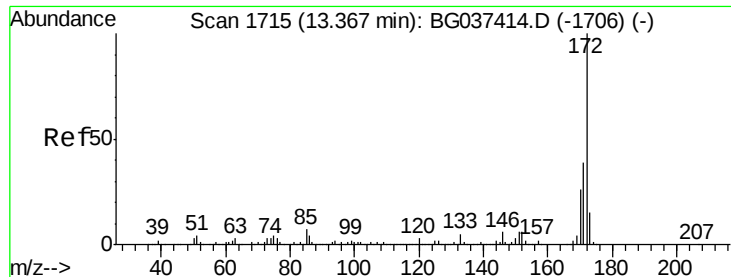
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#44
 2,4,5-Trichlorophenol
 Concen: 40.787 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223312		
198	95.9	74.2	111.2	
97	44.9	34.1	51.1	
132	26.4	20.2	30.4	





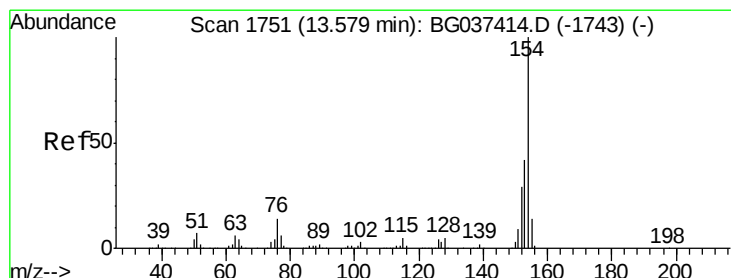
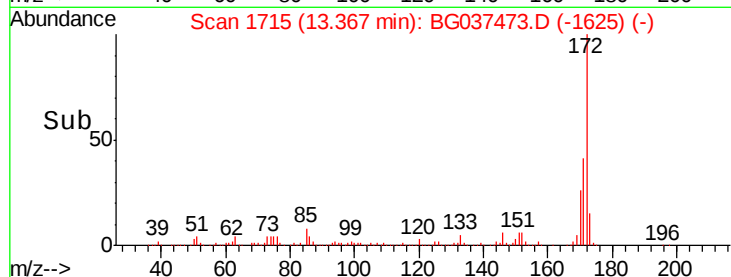
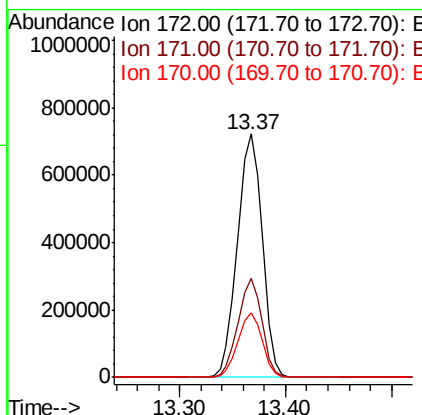
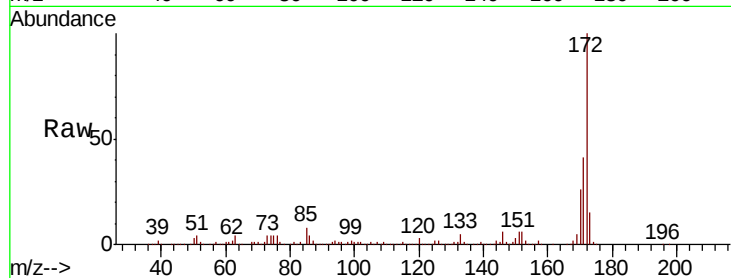
#45
2-Fluorobiphenyl
Concen: 75.696 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1171405
Ion Ratio Lower Upper
172 100
171 40.8 31.0 46.4
170 26.4 20.2 30.2

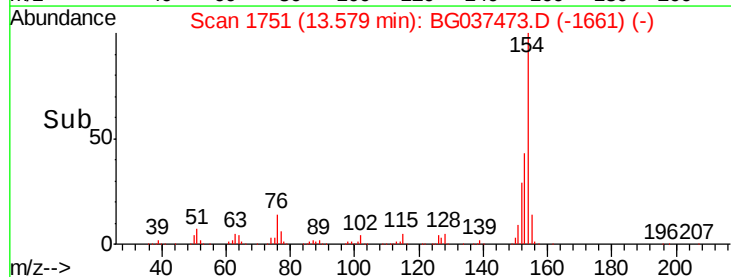
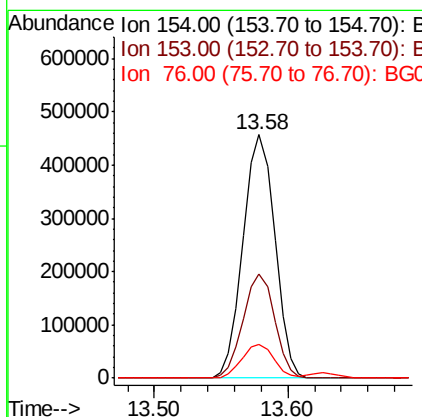
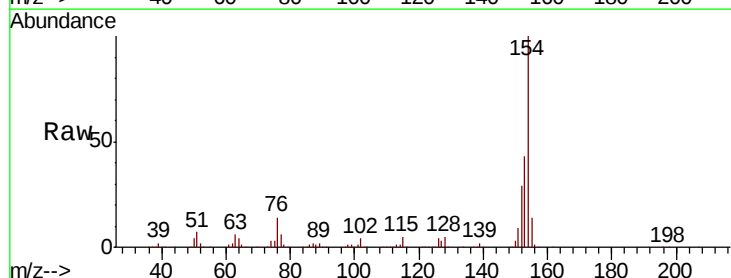
Manual Integrations
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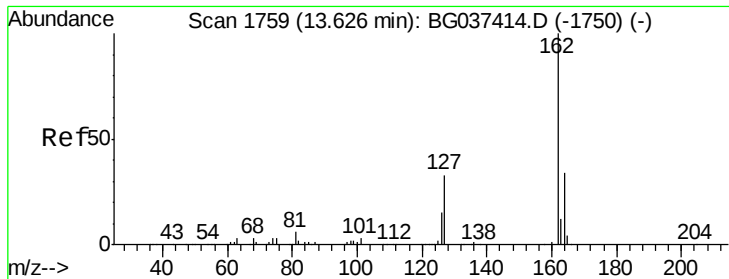
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#46
1,1'-Biphenyl
Concen: 38.981 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion:154 Resp: 753346
Ion Ratio Lower Upper
154 100
153 42.9 22.1 62.1
76 13.9 0.0 33.2





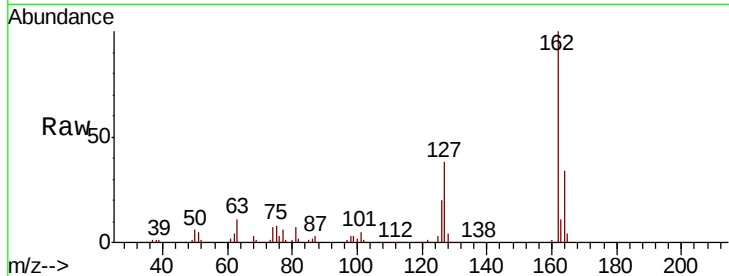
#47
 2-Chloronaphthalene
 Concen: 38.466 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	562405		
127	38.1	30.5	45.7	
164	34.4	26.4	39.6	

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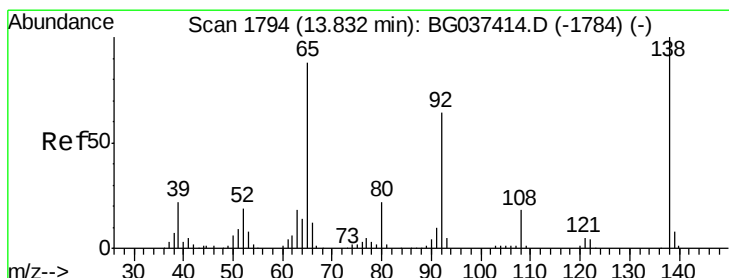
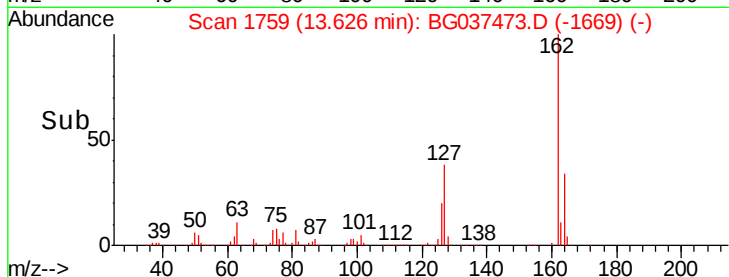
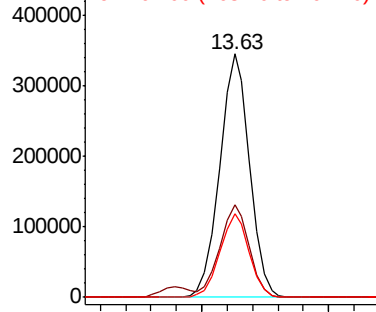


Abundance

Ion 162.00 (161.70 to 162.70): E

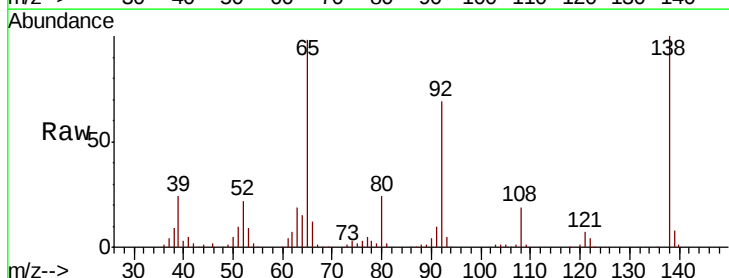
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.546 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193074		
92	69.9	53.2	79.8	
138	102.0	79.3	118.9	

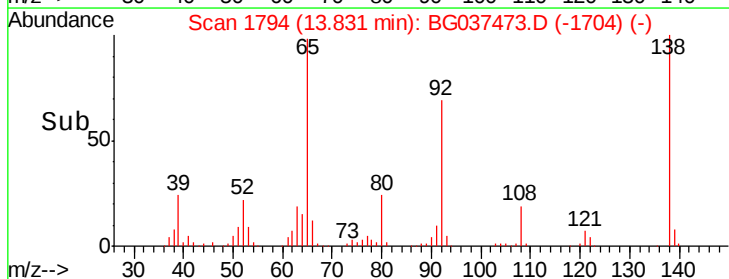
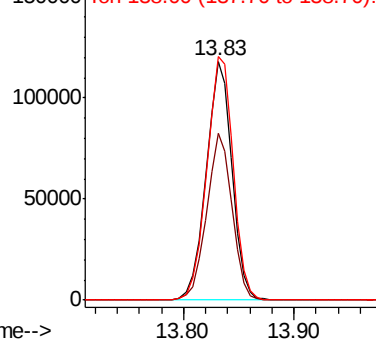


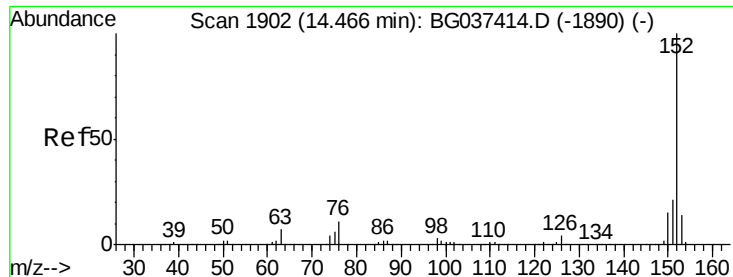
Abundance

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: 39.288 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

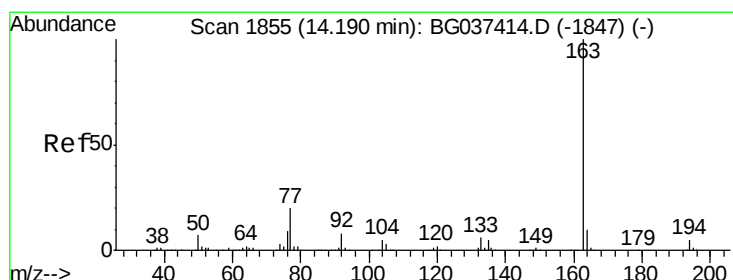
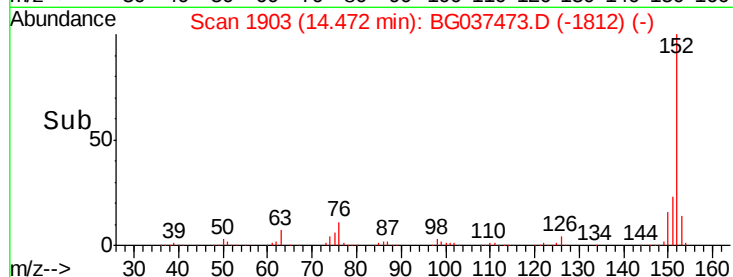
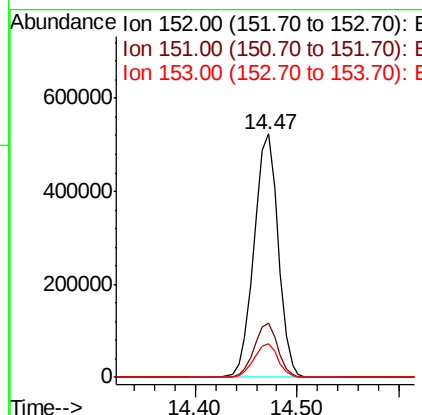
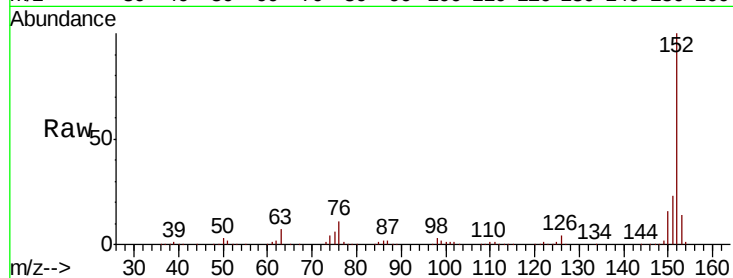
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	864090
Ion Ratio	Lower	Upper	
152	100		
151	22.5	17.1	25.7
153	13.7	11.1	16.7

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#50

Dimethylphthalate

Concen: 40.188 ng

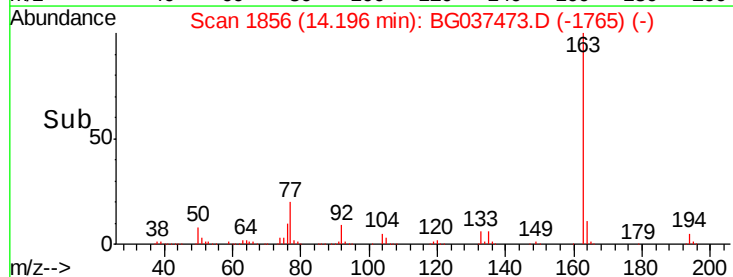
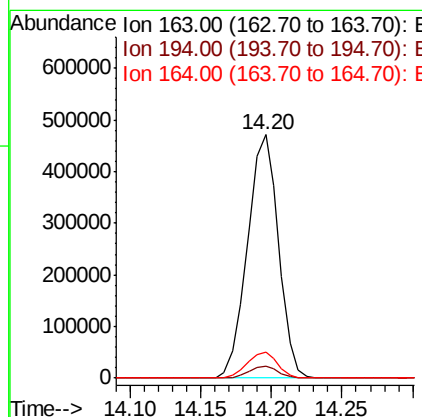
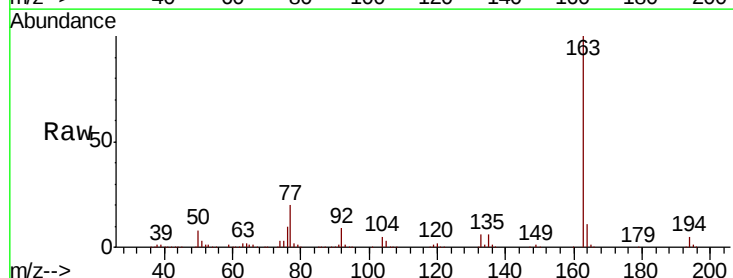
RT: 14.20 min Scan# 1856

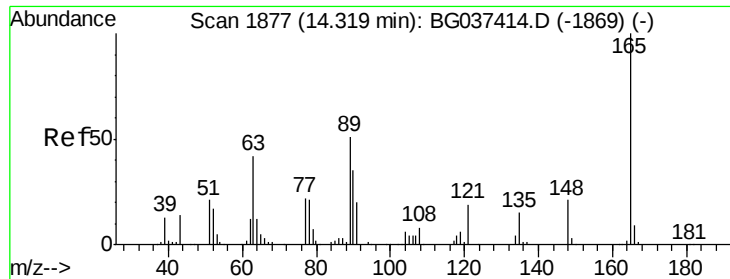
Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Tgt Ion:	163	Resp:	725509
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	10.8	8.5	12.7





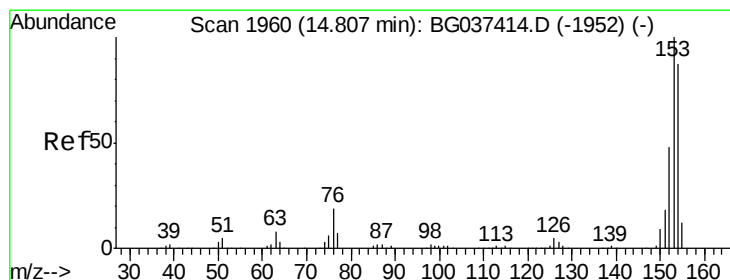
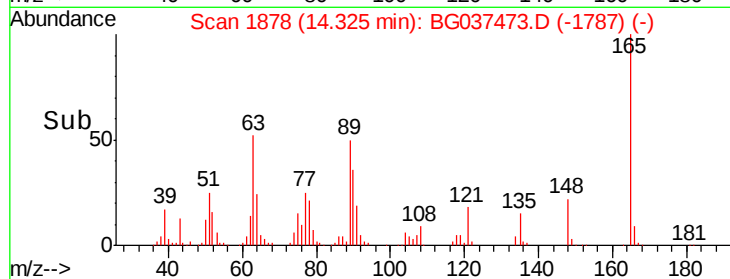
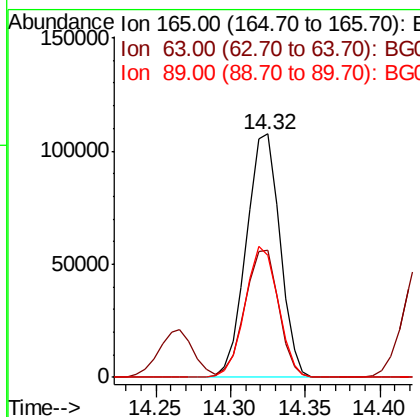
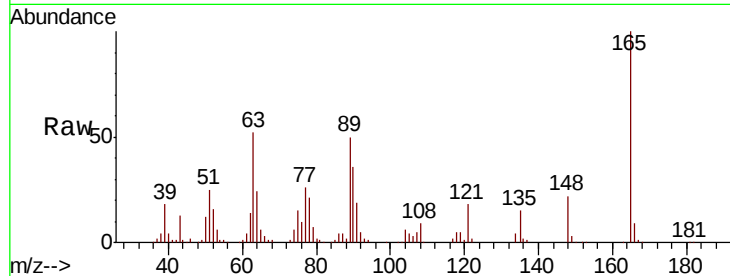
#51
 2,6-Dinitrotoluene
 Concen: 41.904 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.3	43.4	65.2
89	50.2	45.8	68.6

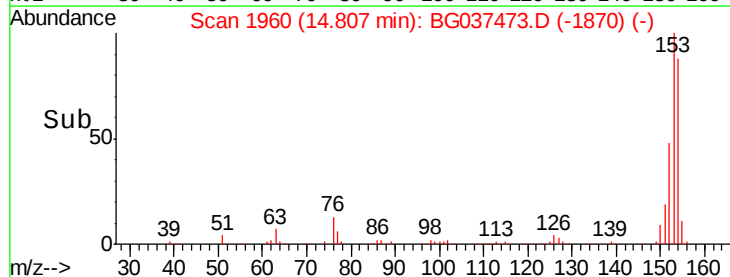
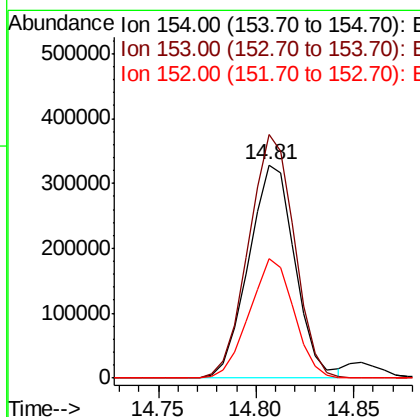
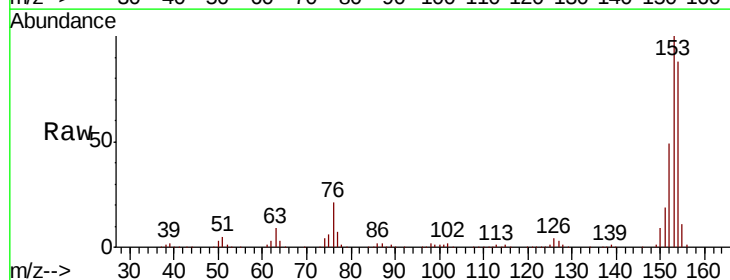
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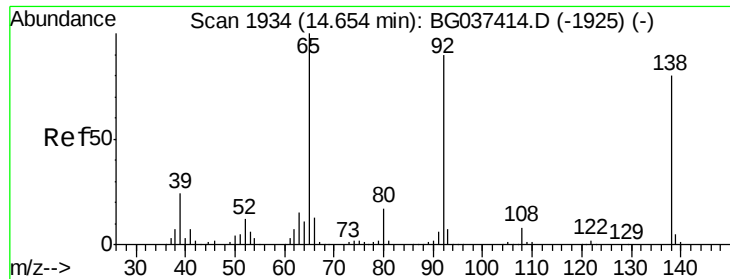
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#52
 Acenaphthene
 Concen: 39.877 ng
 RT: 14.81 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037473.D
 Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.2	93.4	140.0
152	55.9	44.7	67.1





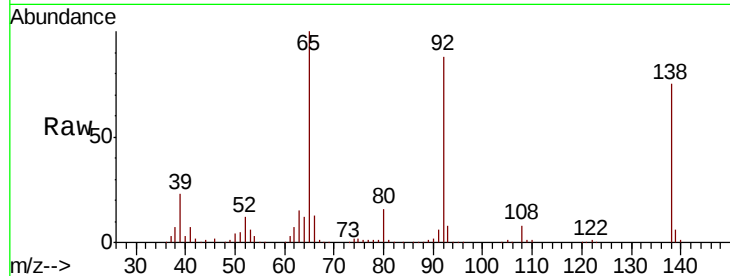
#53
3-Nitroaniline
Concen: 42.033 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

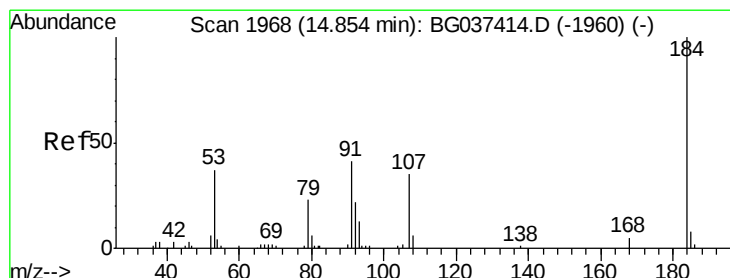
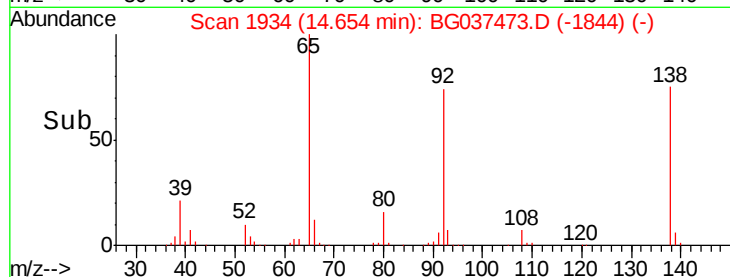
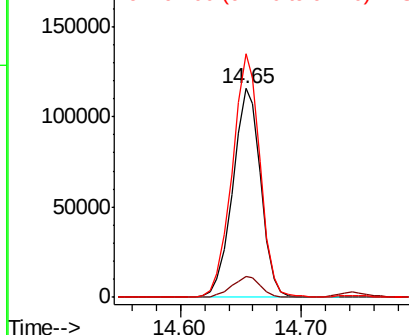
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	11.0	16.6#
92	116.8	95.2	142.8

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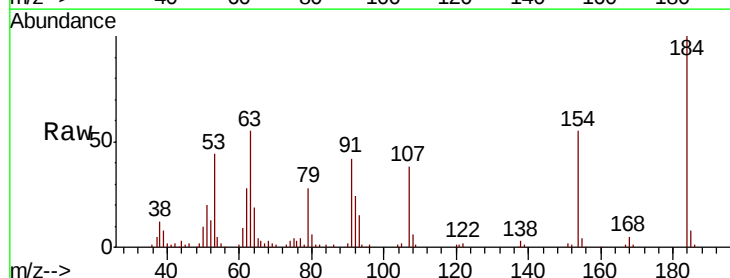


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

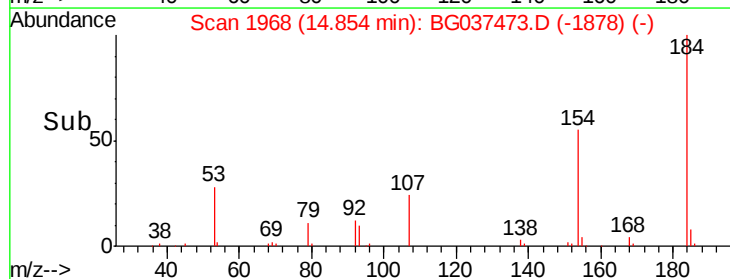
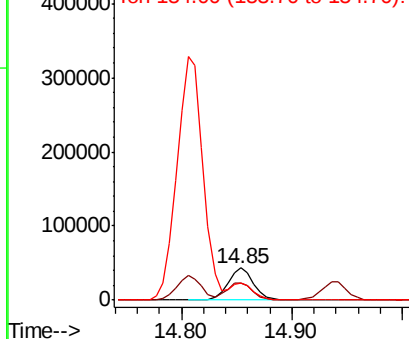


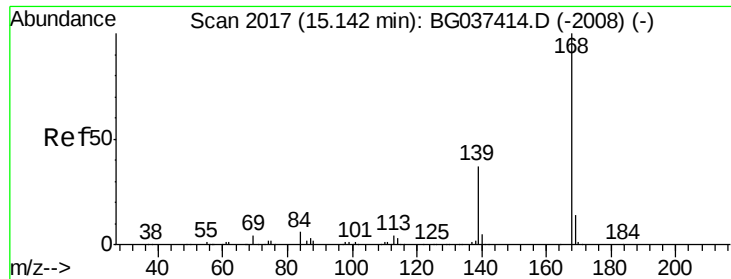
#54
2,4-Dinitrophenol
Concen: 51.939 ng
RT: 14.85 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	42.6	63.8
154	54.7	41.8	62.6



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





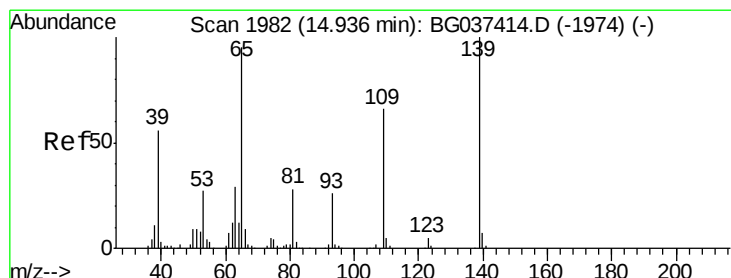
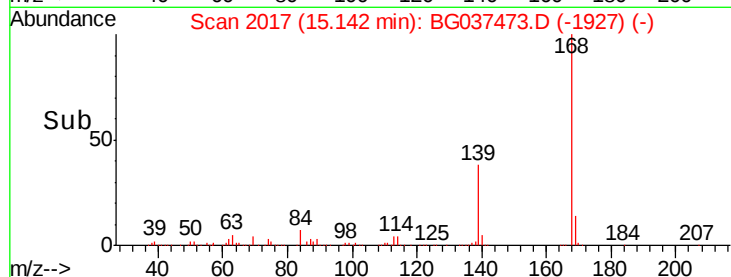
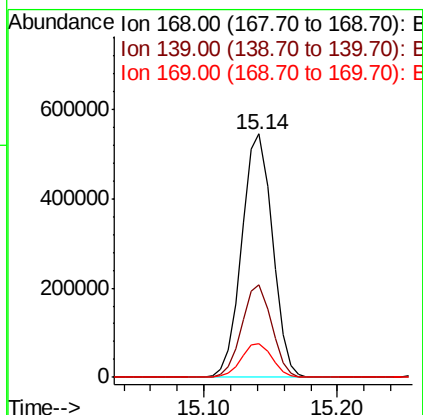
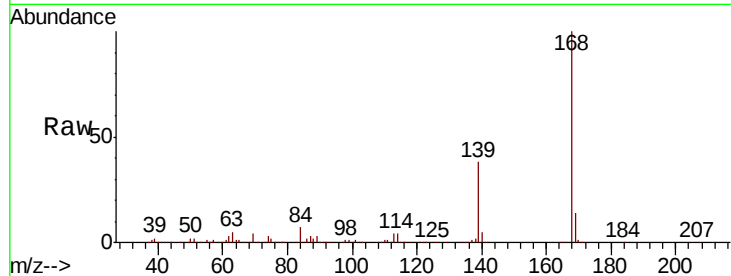
#55
Dibenzenofuran
Concen: 38.566 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.4	44.0
169	13.9	11.0	16.6

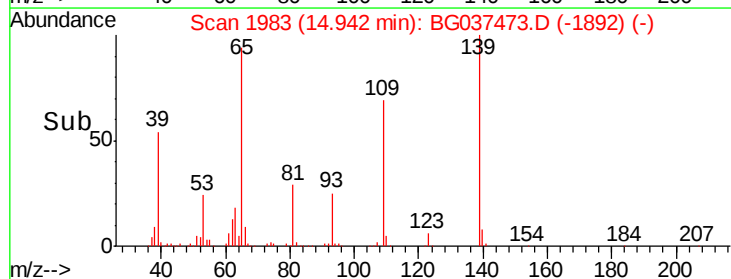
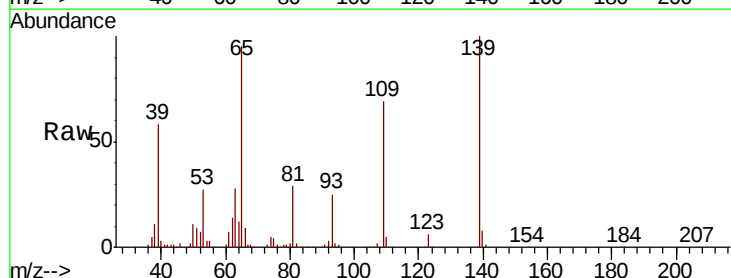
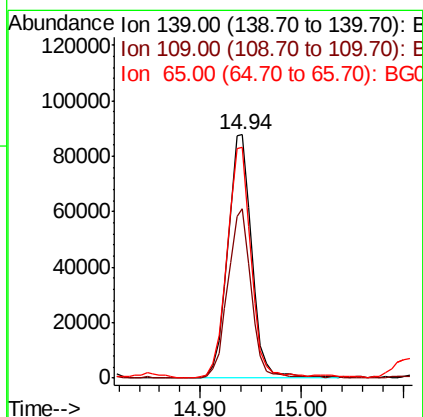
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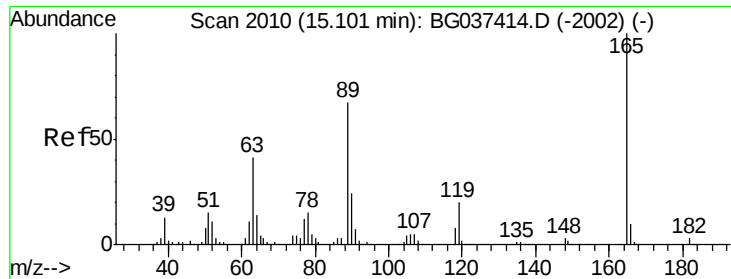
Sohil
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#56
4-Nitrophenol
Concen: 43.839 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	49.5	89.5
65	94.8	76.8	116.8





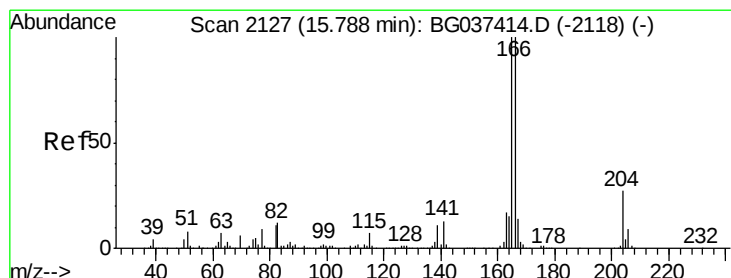
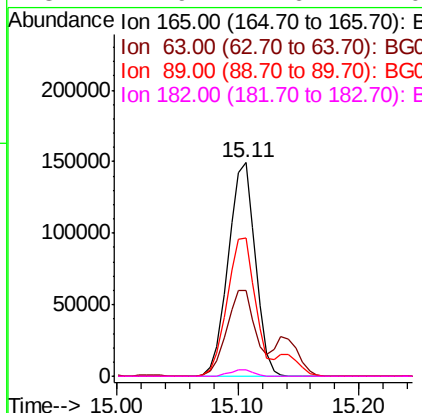
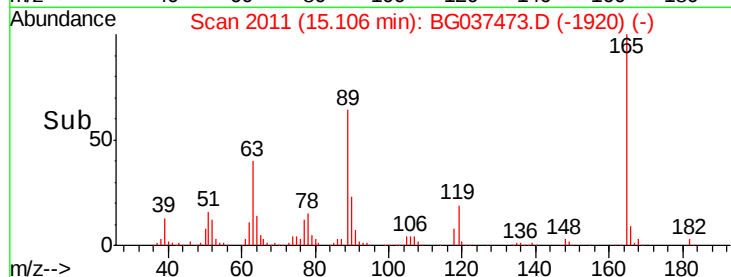
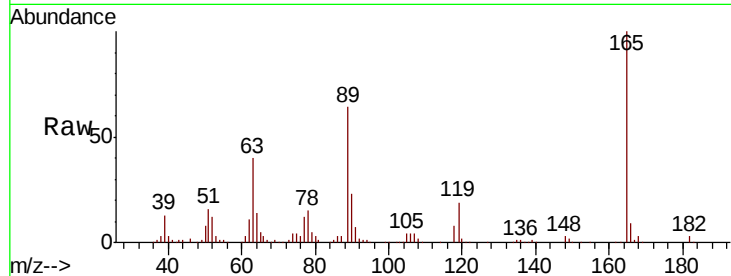
#57
2,4-Dinitrotoluene
Concen: 44.384 ng
RT: 15.11 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.4	33.4	50.0
89	64.5	57.2	85.8
182	2.9	2.6	4.0

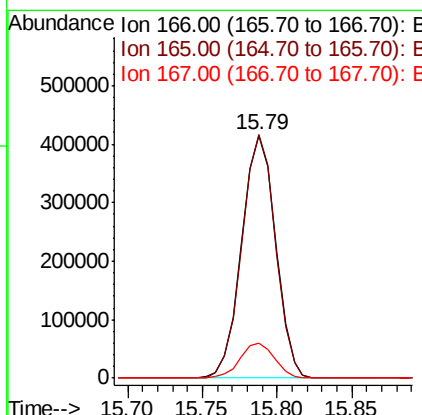
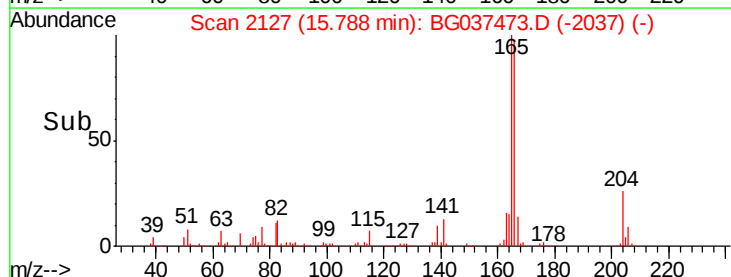
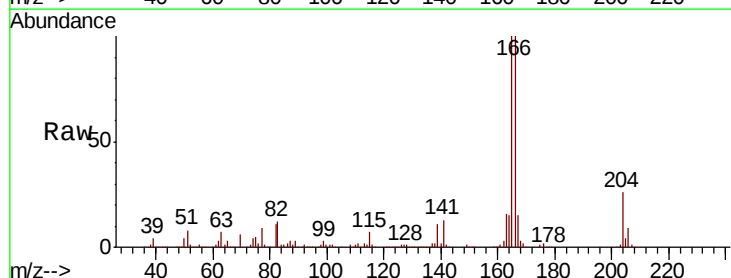
Manual Integrations
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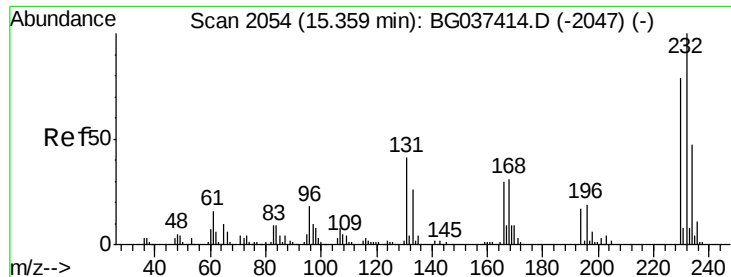
Sohil
10/22/2018 3:39:44 PM



#58
Fluorene
Concen: 38.980 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.2	79.0	118.6
167	14.6	11.3	16.9





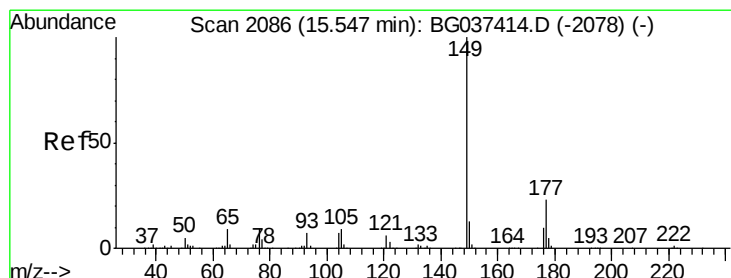
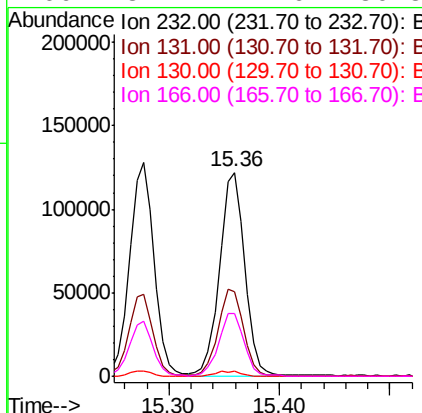
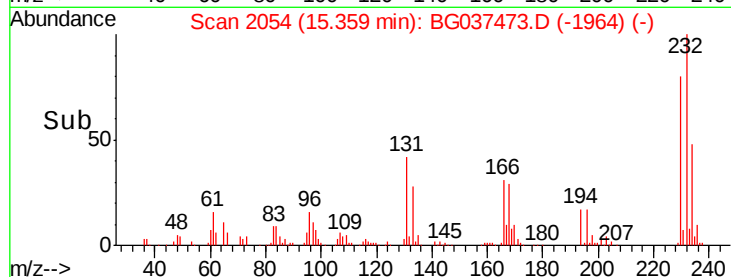
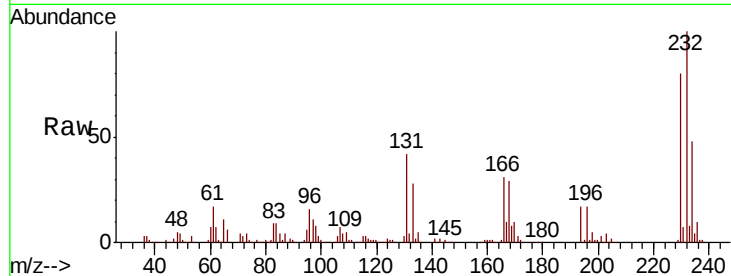
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.394 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	194045		
131	42.8	33.7	50.5	
130	2.5	2.1	3.1	
166	31.4	24.6	36.8	

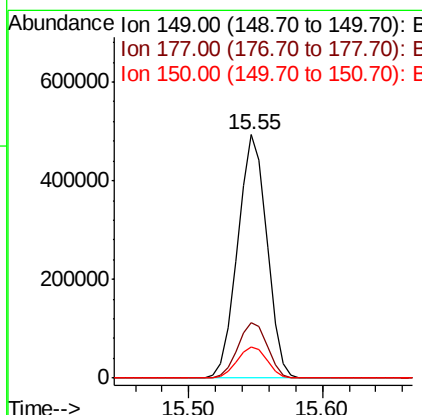
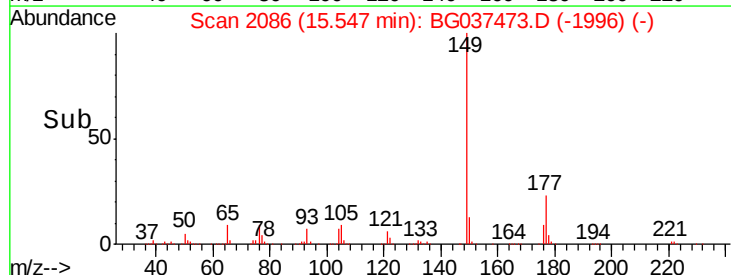
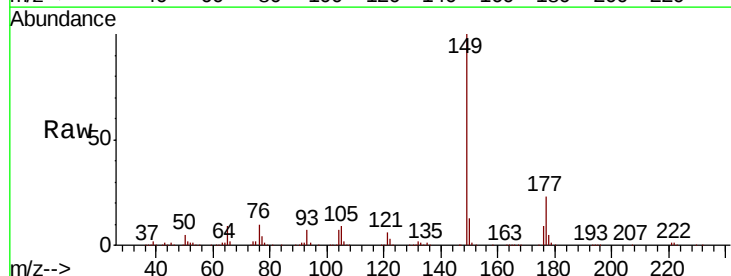
Manual Integrations
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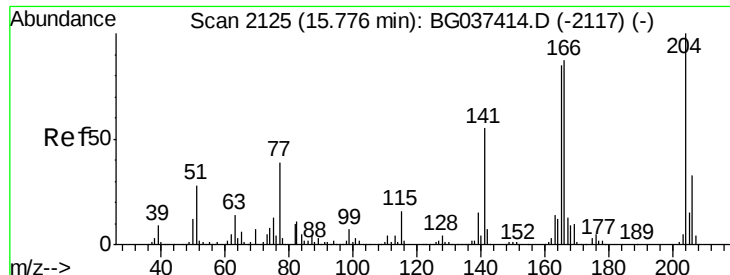
Sohil
10/22/2018 3:39:44 PM



#60
Diethylphthalate
Concen: 40.158 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	744296		
177	22.8	18.3	27.5	
150	12.7	10.0	15.0	





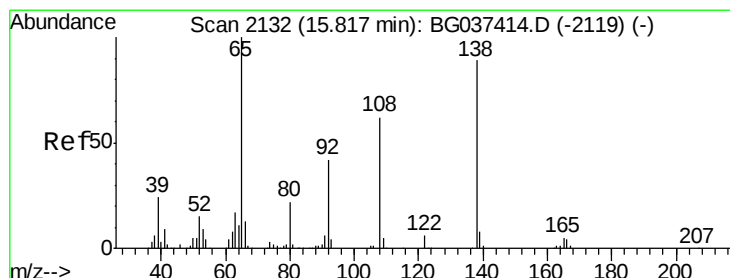
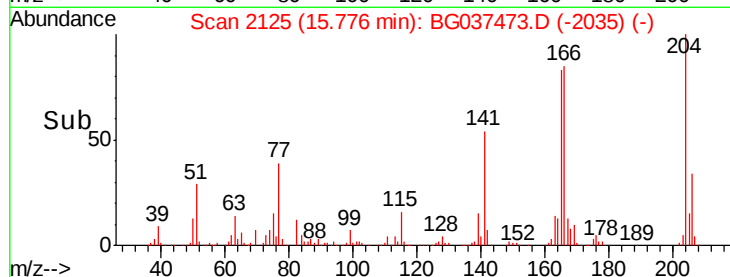
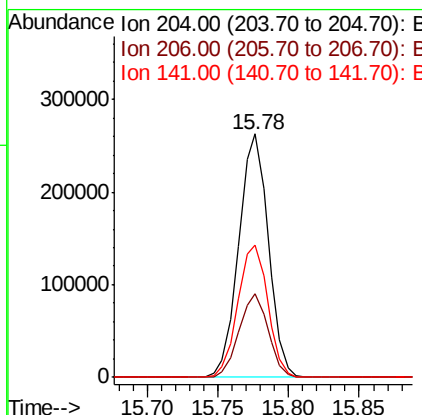
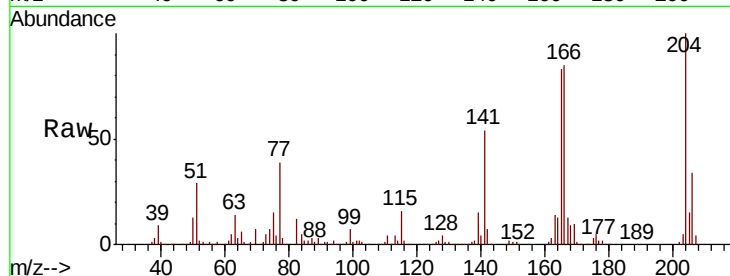
#61
4-Chlorophenyl-phenylether
Concen: 39.250 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.4	26.6	39.8
141	54.5	45.4	68.2

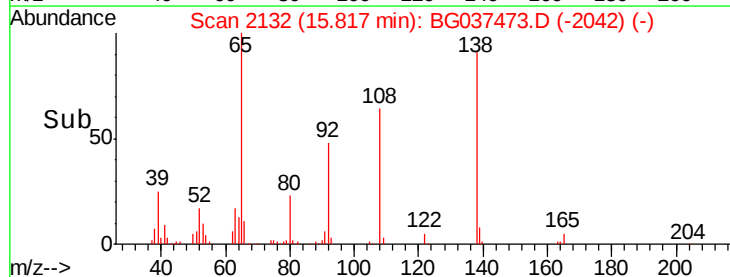
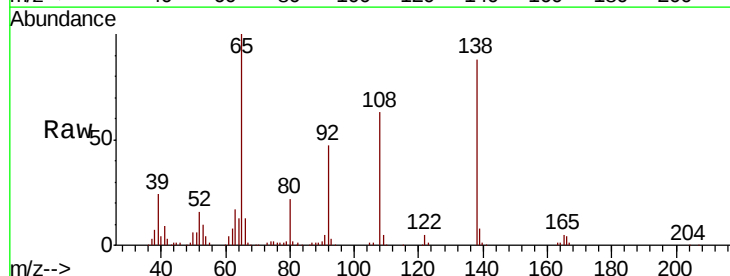
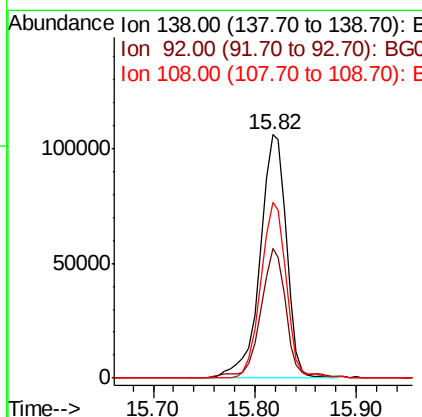
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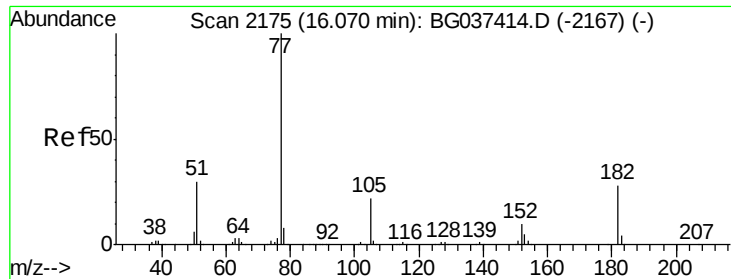
Sohil
10/22/2018 3:39:44 PM



#62
4-Nitroaniline
Concen: 43.346 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	53.1	36.4	76.4
108	72.2	60.1	100.1





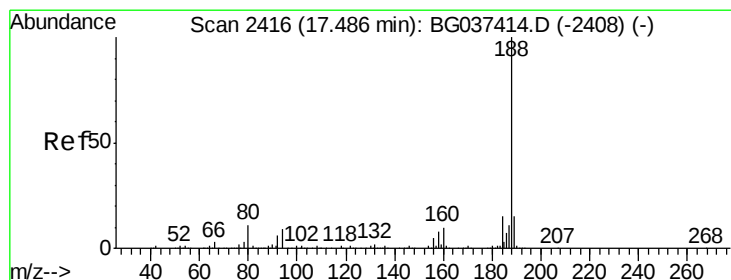
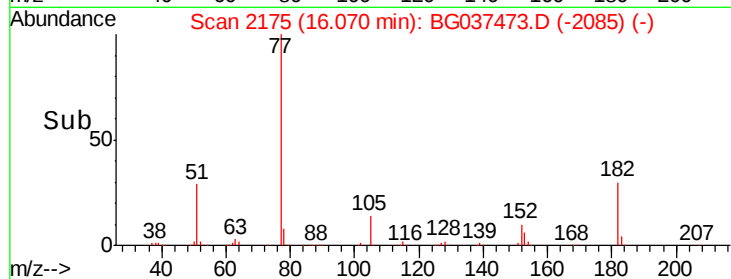
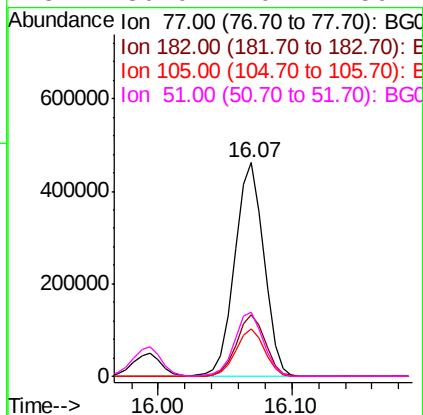
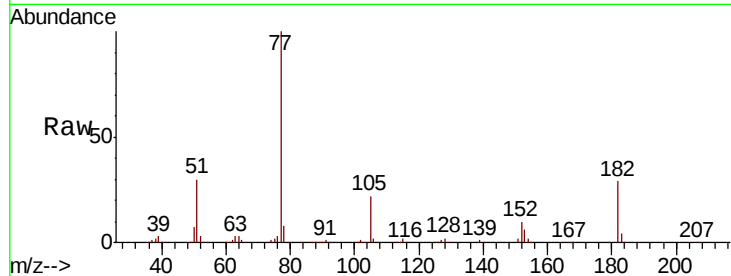
#63
Azobenzene
Concen: 39.546 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.0	48.0
105	22.1	1.3	41.3
51	30.0	10.7	50.7

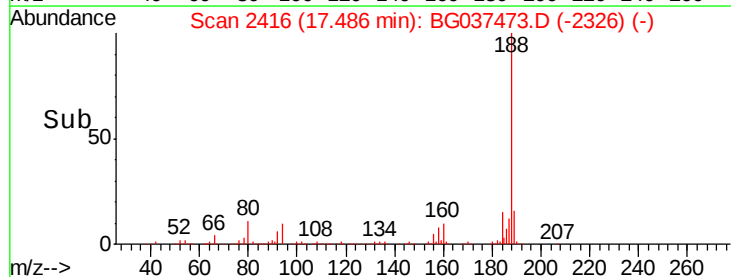
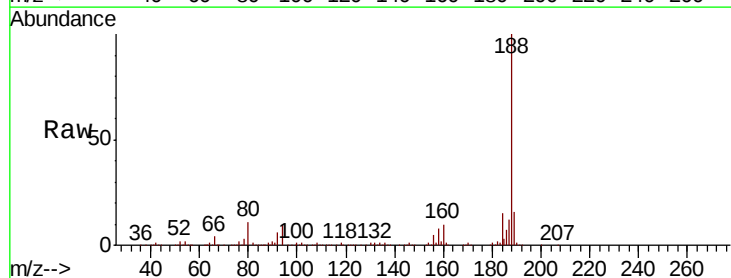
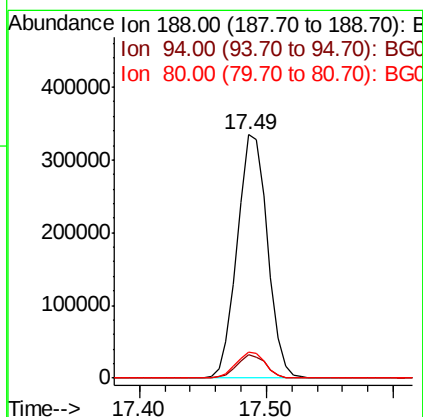
Manual Integrations
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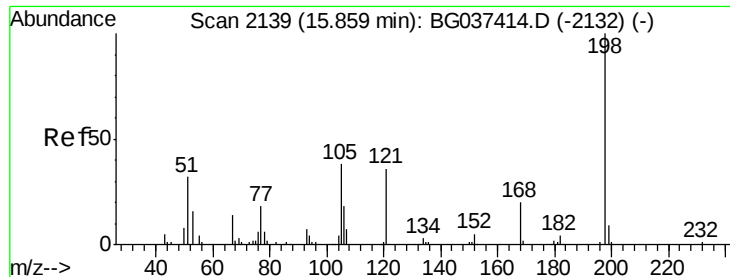
Sohil
10/22/2018 3:39:44 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 44.052 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:198 Resp: 125248
Ion Ratio Lower Upper

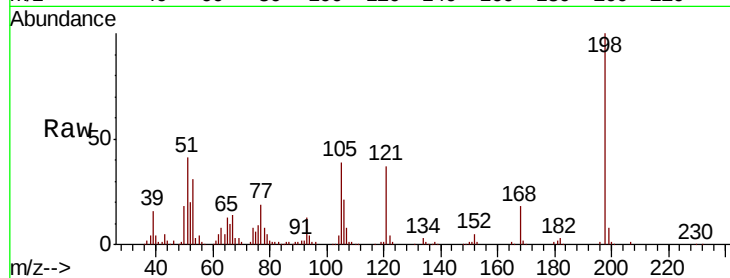
198 100

51 40.6 22.7 62.7

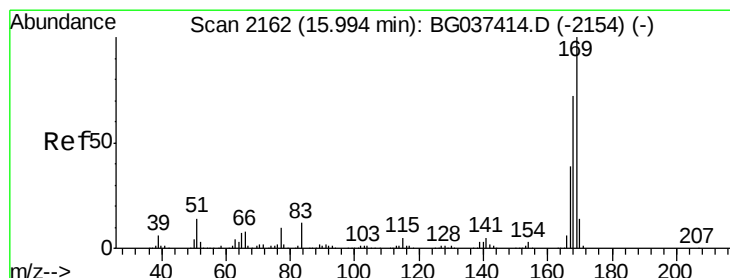
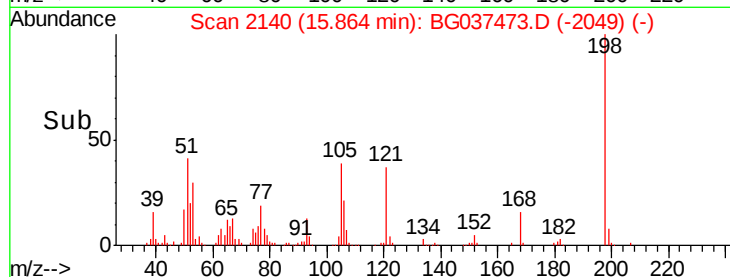
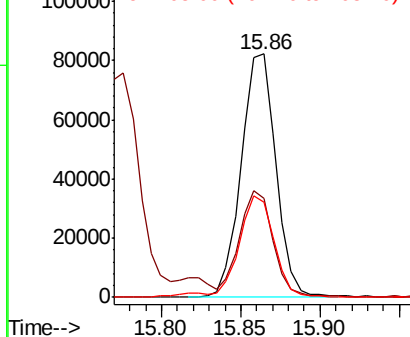
105 39.0 19.7 59.7

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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: 39.213 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037473.D

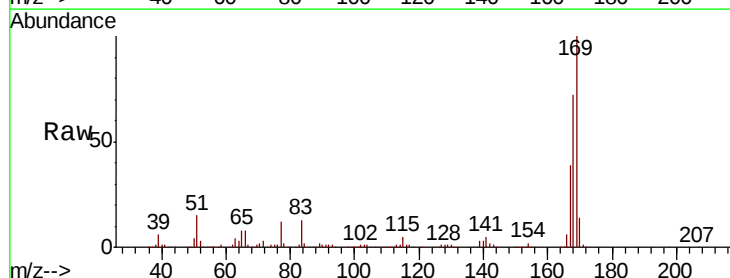
Acq: 20 Oct 2018 5:38

Tgt Ion:169 Resp: 651665
Ion Ratio Lower Upper

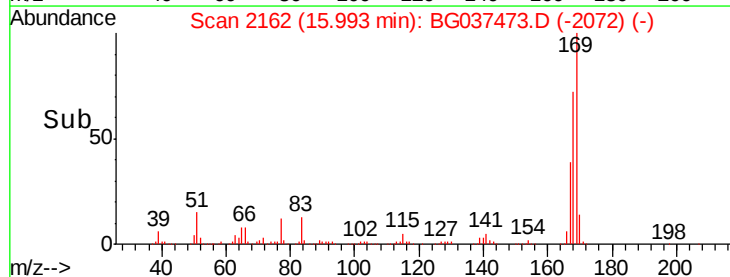
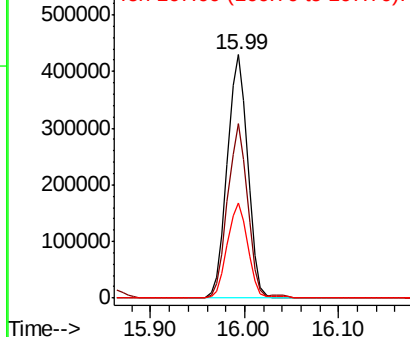
169 100

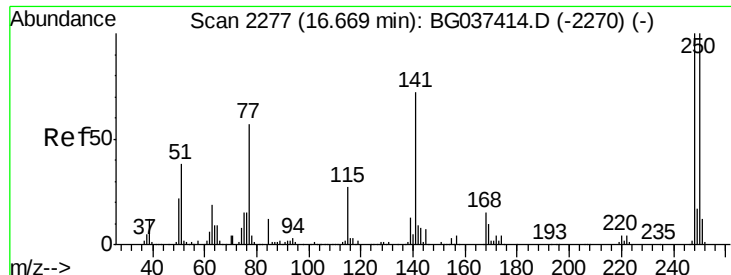
168 71.8 55.7 83.5

167 38.8 31.3 46.9



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





#67

4-Bromophenyl-phenylether

Concen: 39.510 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

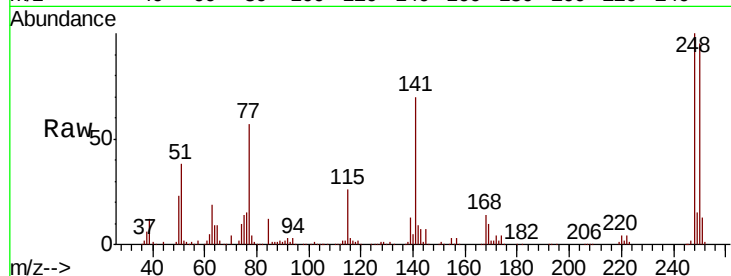
ClientSampleId :

SSTDCCC040EC

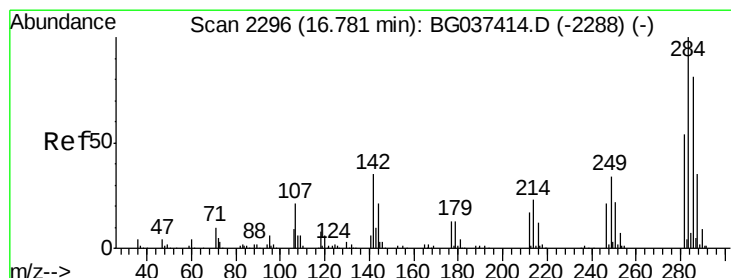
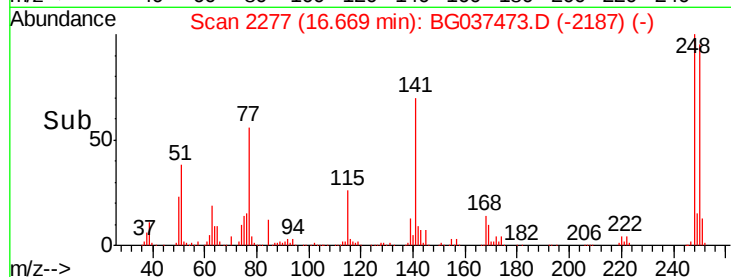
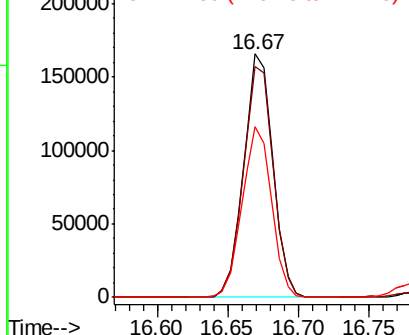
Tgt Ion:	248	Resp:	239710
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.0	115.6
141	70.2	55.5	83.3

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.545 ng

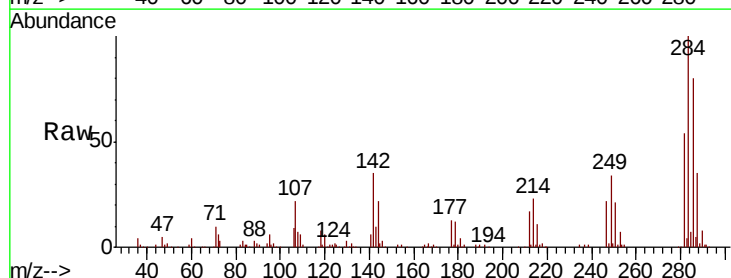
RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

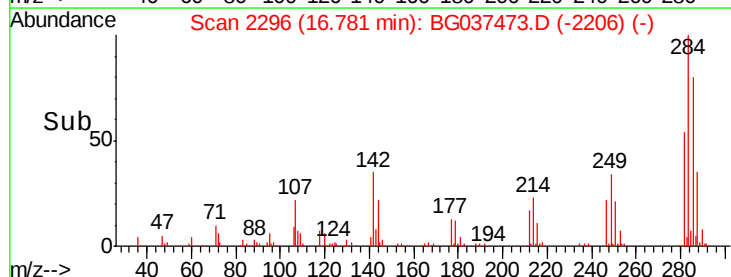
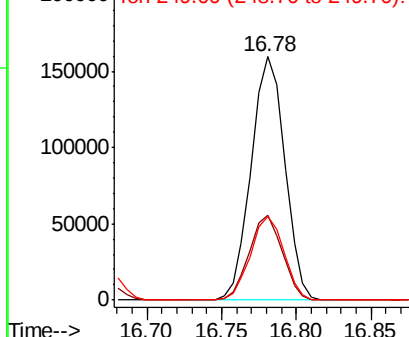
Lab File: BG037473.D

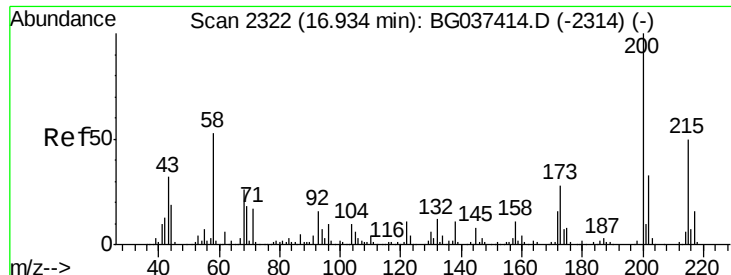
Acq: 20 Oct 2018 5:38

Tgt Ion:	284	Resp:	248655
Ion Ratio	Lower	Upper	
284	100		
142	35.0	28.1	42.1
249	36.5	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





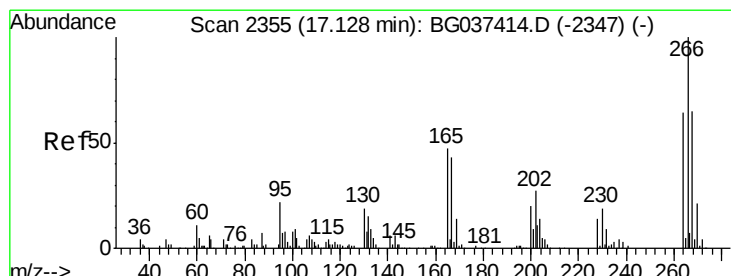
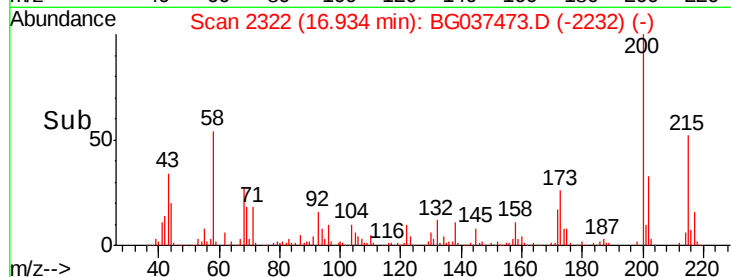
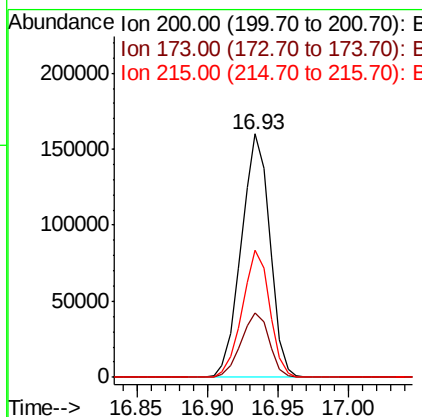
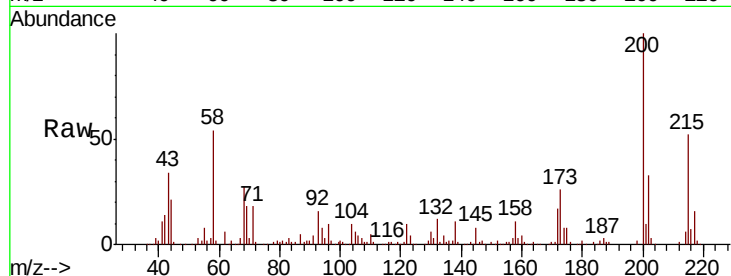
#69
Atrazine
Concen: 37.684 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.1	46.1
215	52.4	30.8	70.8

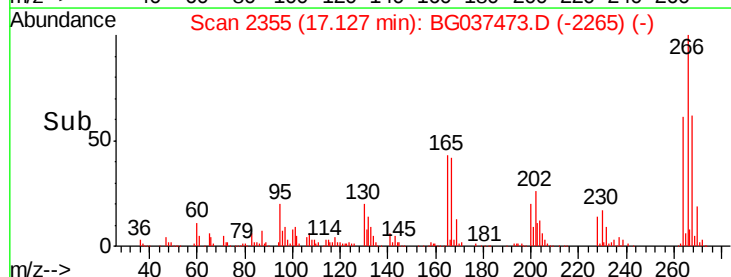
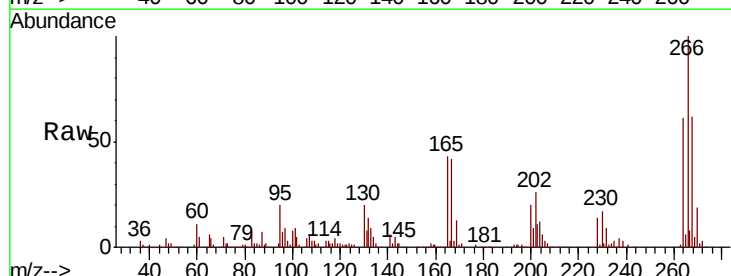
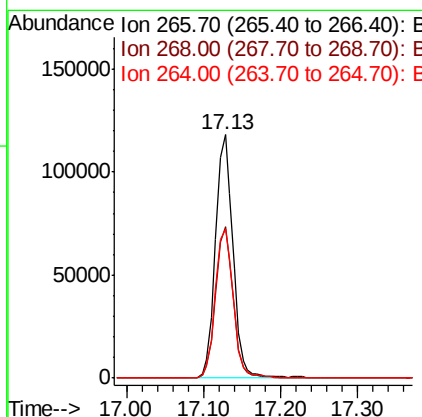
Manual Integrations
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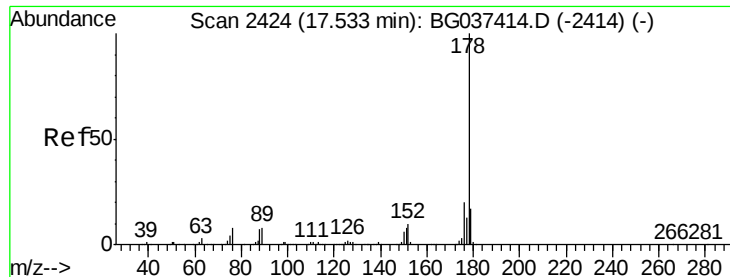
Sohil
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#70
Pentachlorophenol
Concen: 43.932 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.1	55.0	82.6
264	67.1	58.9	88.3





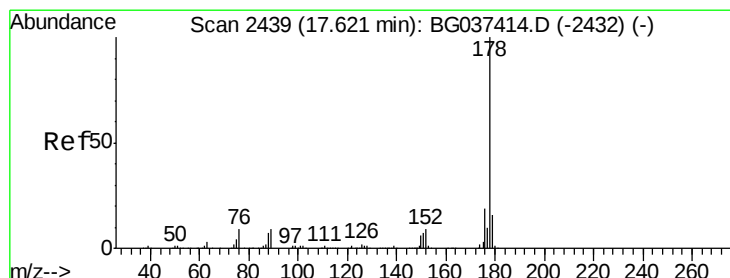
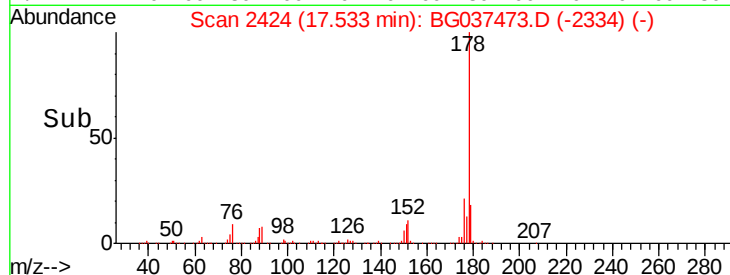
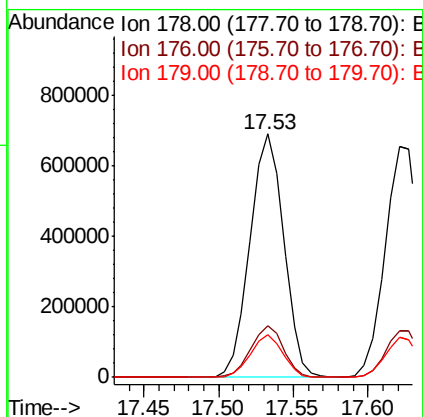
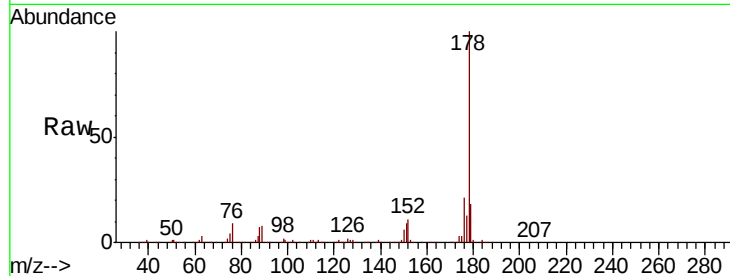
#71
Phenanthrene
Concen: 38.425 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.1	24.1
179	17.6	13.0	19.4

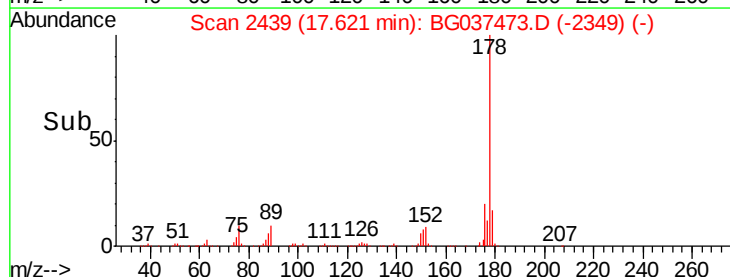
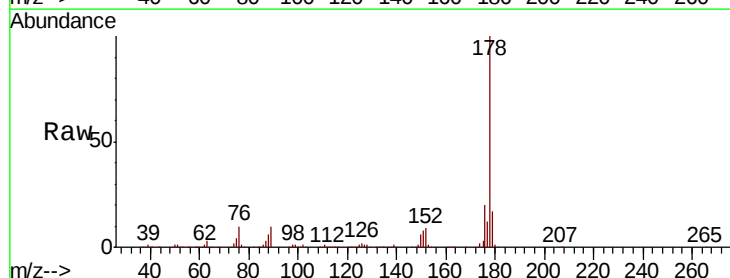
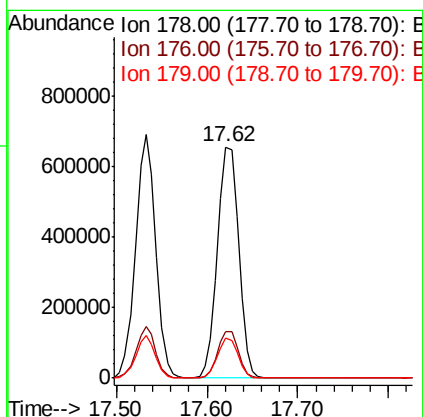
Manual Integrations
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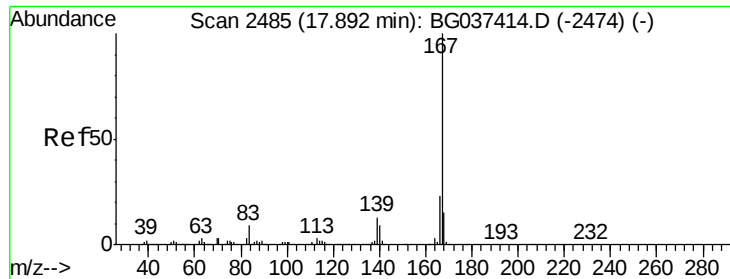
Sohil
10/22/2018 3:39:44 PM



#72
Anthracene
Concen: 38.825 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.4
179	17.4	12.8	19.2





#73

Carbazole

Concen: 39.783 ng

RT: 17.90 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:167 Resp: 1096532

Ion Ratio Lower Upper

167 100

166 24.4 18.3 27.5

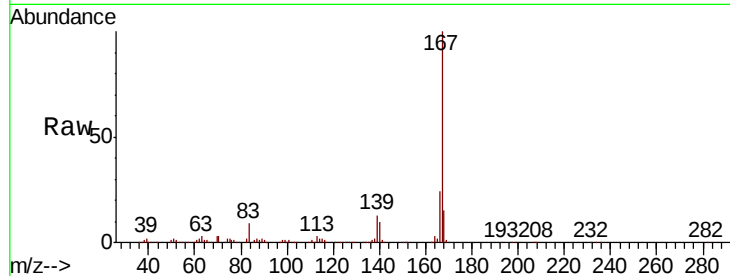
139 13.4 10.5 15.7

Manual Integrations

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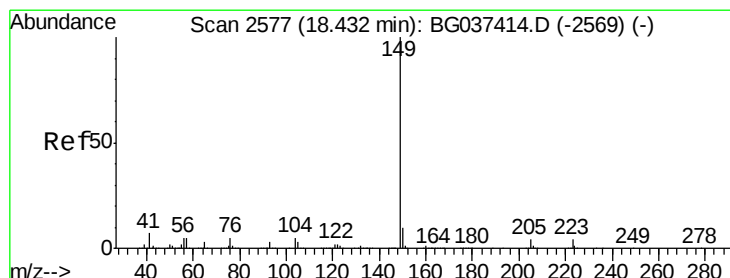
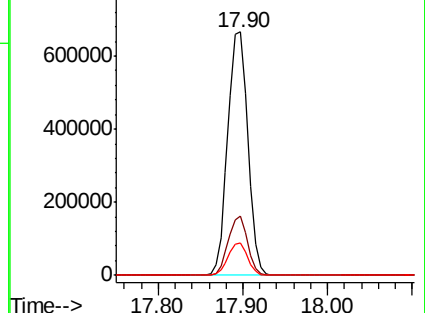
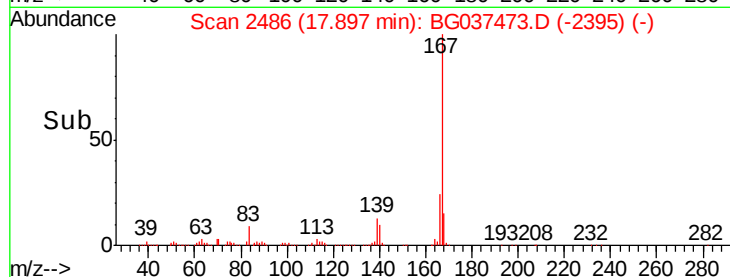
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.106 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

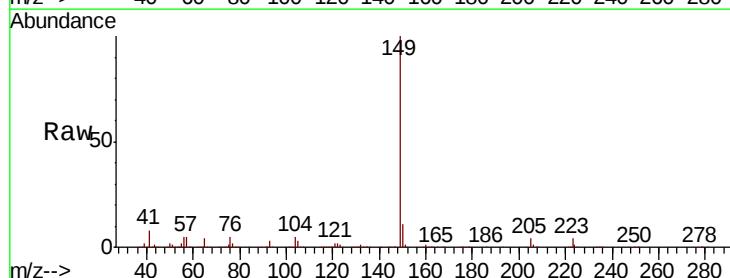
Tgt Ion:149 Resp: 1229710

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.2

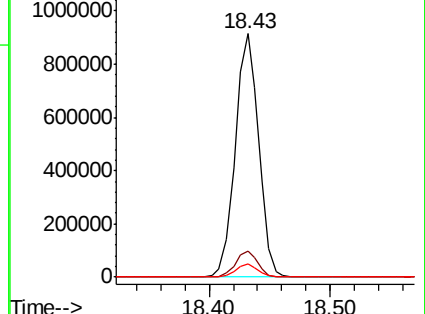
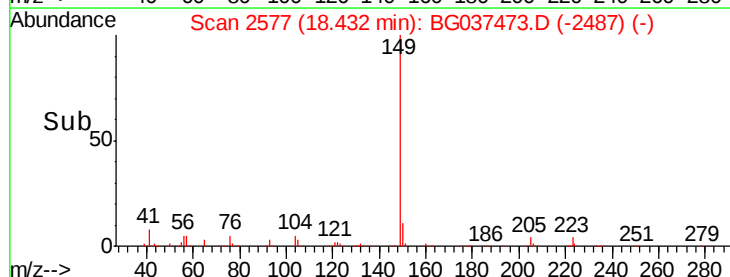
104 5.3 4.0 6.0

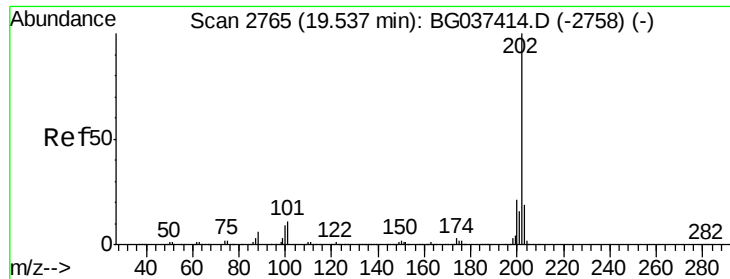


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.980 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

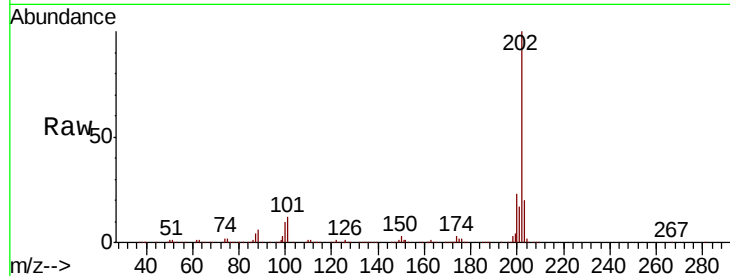
ClientSampleId :

SSTDCCC040EC

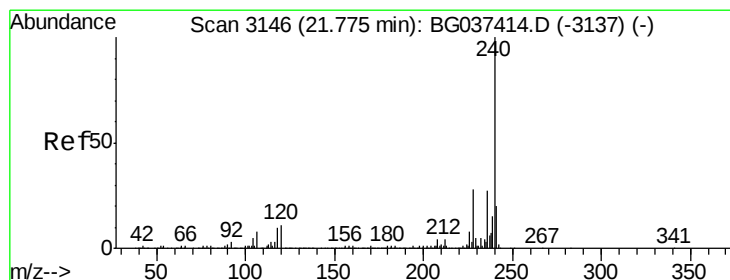
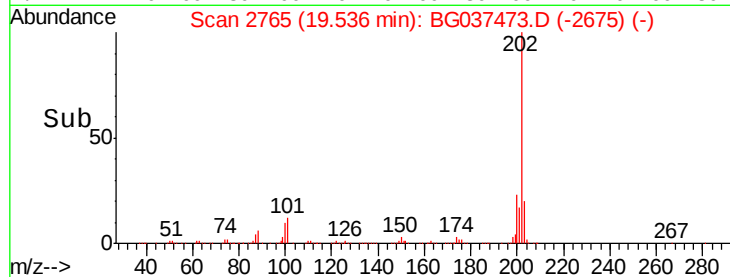
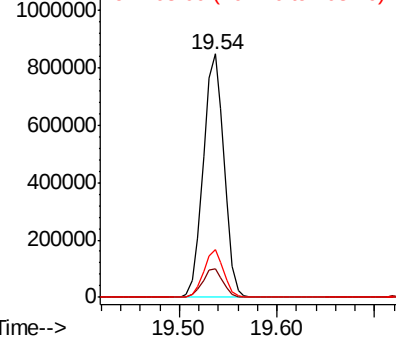
Tgt	Ion	202	Resp:	1241343
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	0.0	30.7	
203	19.8	0.0	38.5	

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



#76

Chrysene-d12

Concen: 20.000 ng

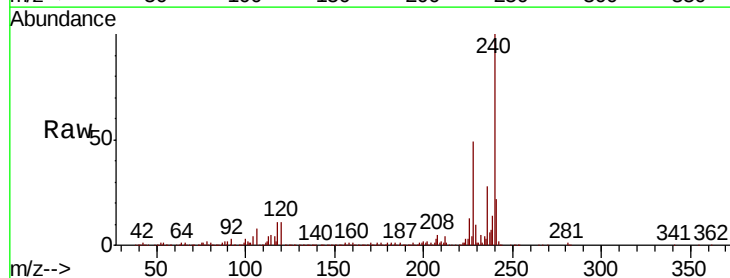
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

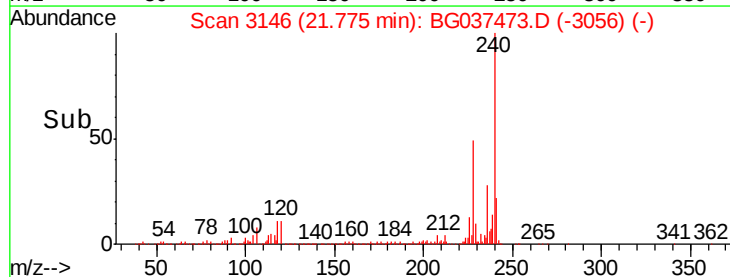
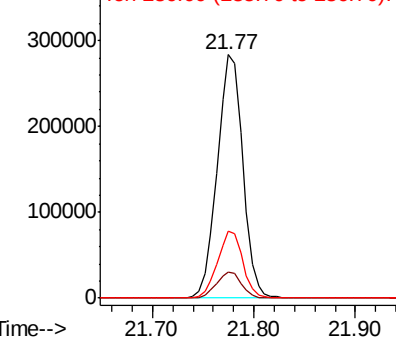
Lab File: BG037473.D

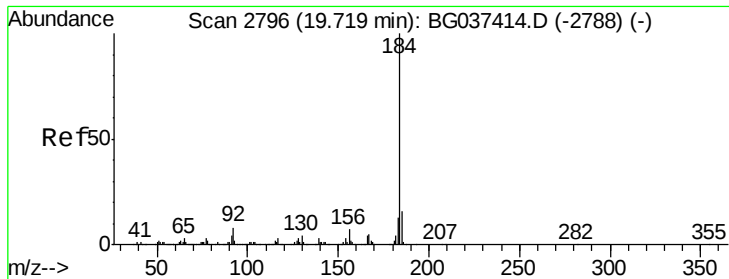
Acq: 20 Oct 2018 5:38

Tgt	Ion	240	Resp:	495016
Ion	Ratio	Lower	Upper	
240	100			
120	10.8	8.1	12.1	
236	27.6	21.4	32.0	



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





#77

Benzidine

Concen: 48.702 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

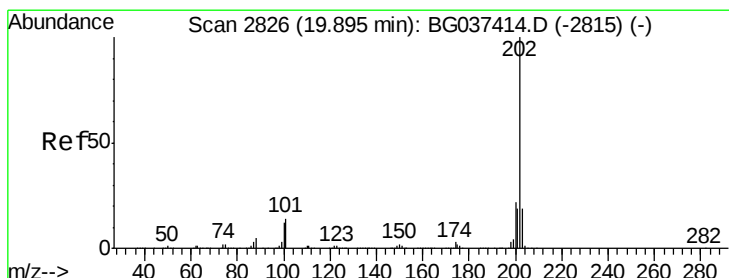
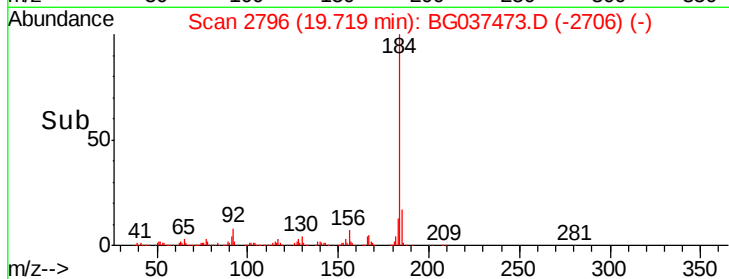
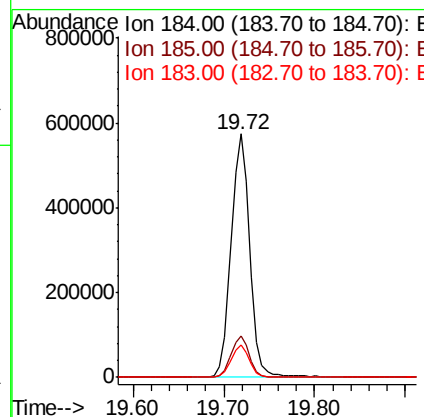
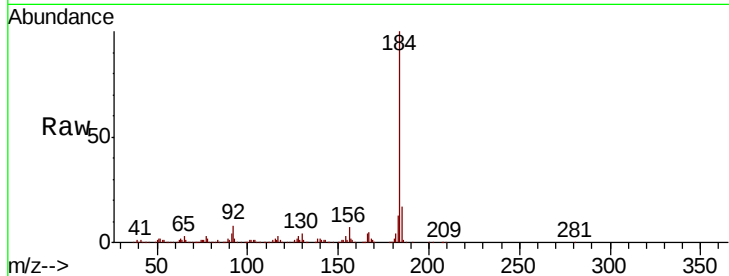
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	184	Resp:	819739
Ion Ratio	Lower	Upper	
184	100		
185	17.0	12.6	18.8
183	13.1	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 39.202 ng

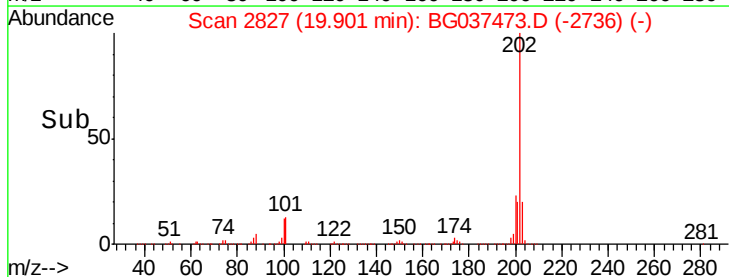
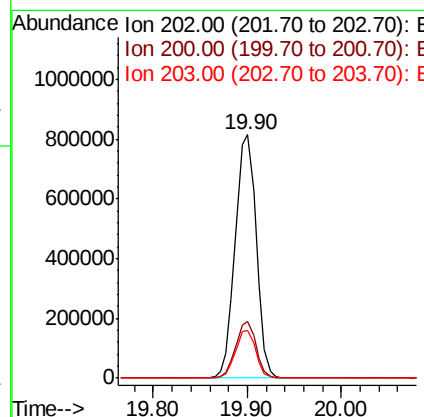
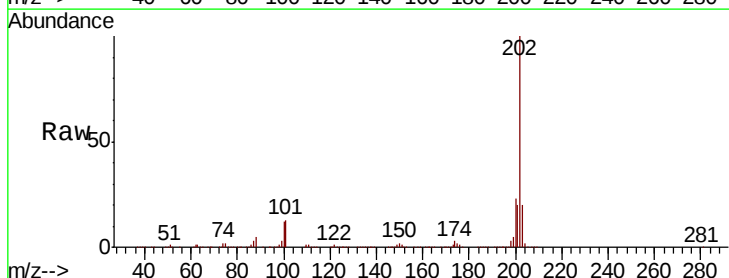
RT: 19.90 min Scan# 2827

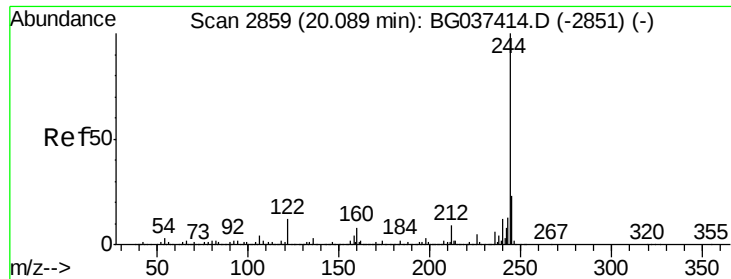
Delta R.T. 0.01 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Tgt Ion:	202	Resp:	1268559
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.6
203	19.6	15.2	22.8





#79

Terphenyl-d14

Concen: 75.698 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 1753668

Ion Ratio Lower Upper

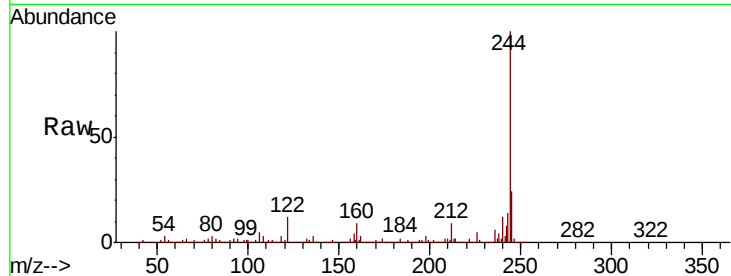
244 100

212 9.3 6.5 9.7

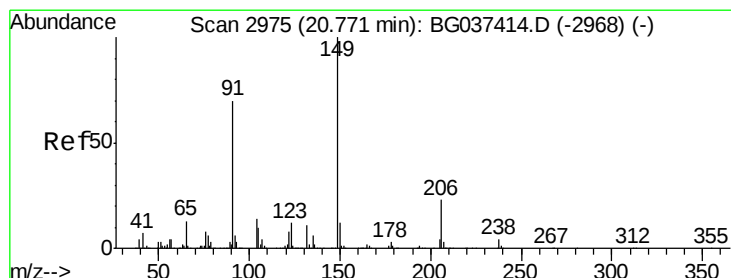
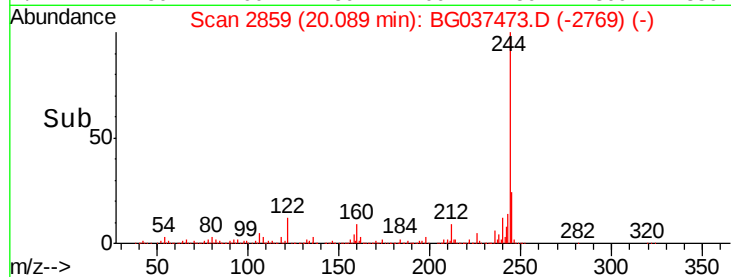
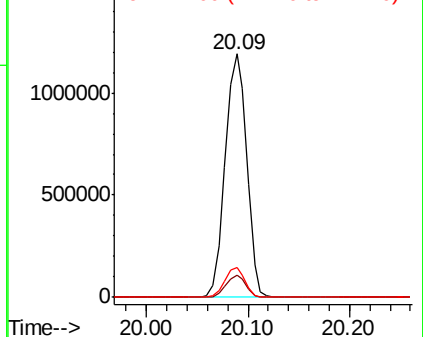
122 12.4 9.0 13.4

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



#80

Butylbenzylphthalate

Concen: 42.501 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037473.D

Acq: 20 Oct 2018 5:38

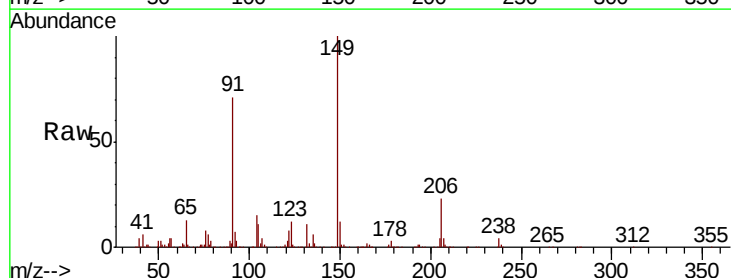
Tgt Ion:149 Resp: 562872

Ion Ratio Lower Upper

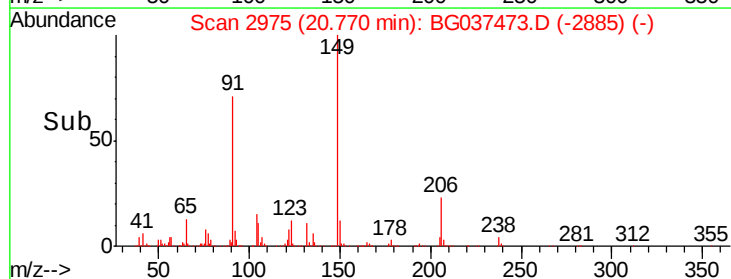
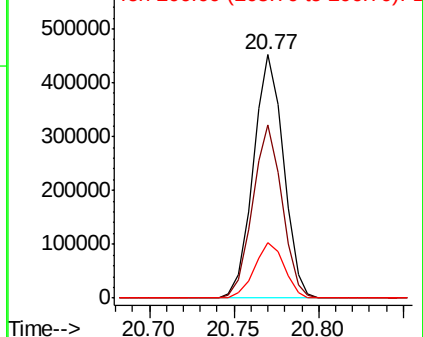
149 100

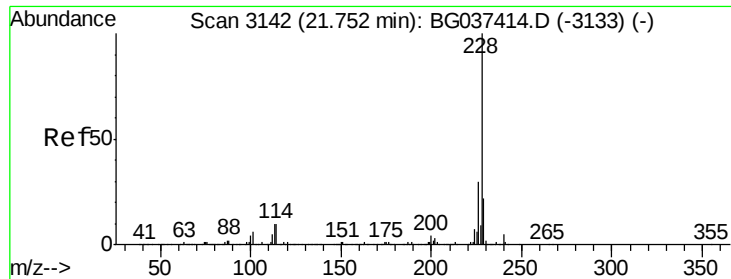
91 71.1 57.0 85.4

206 23.0 17.8 26.6



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





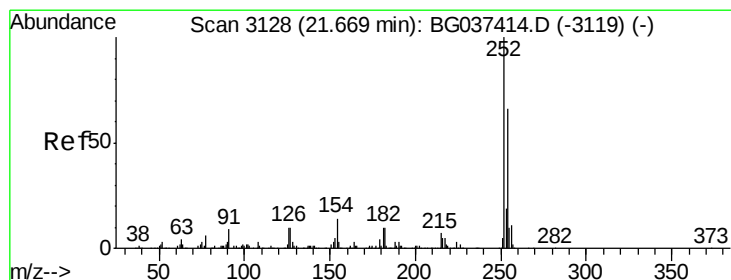
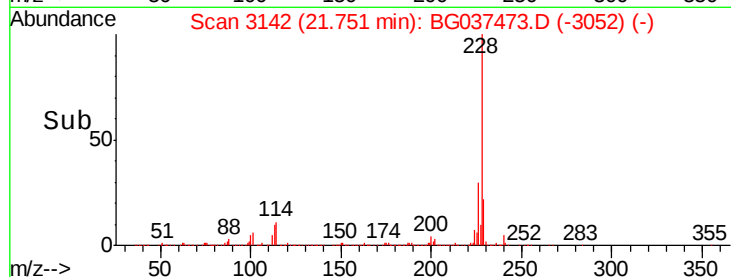
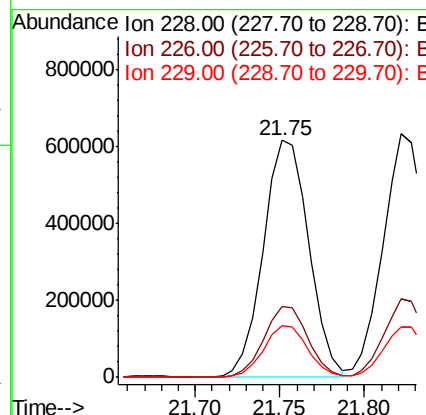
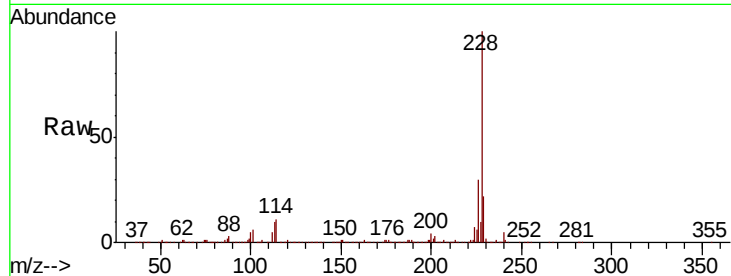
#81
Benzo(a)anthracene
Concen: 39.351 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.9	16.3	24.5

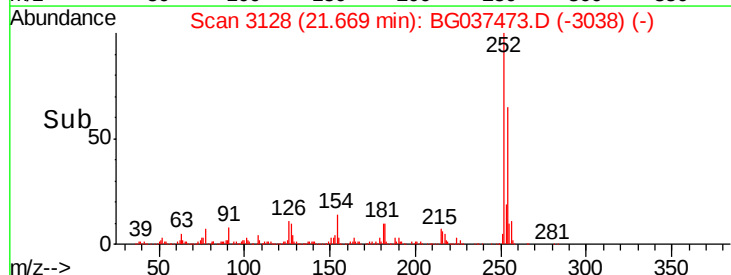
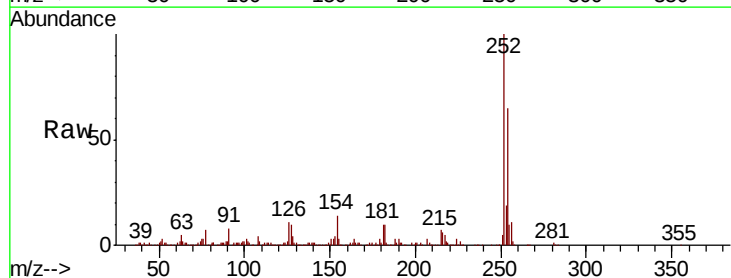
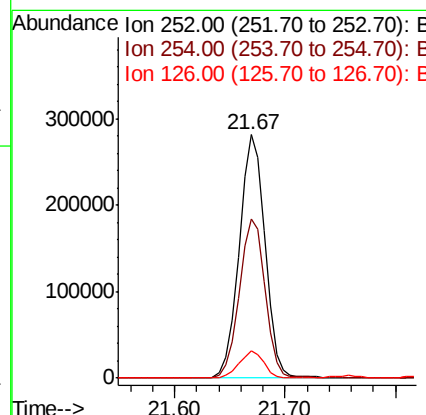
Manual Integrations
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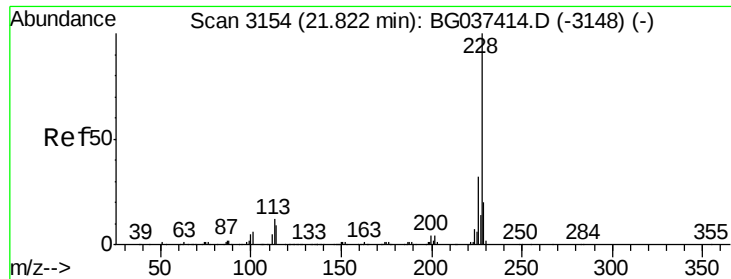
Sohil
10/22/2018 3:39:44 PM



#82
3,3'-Dichlorobenzidine
Concen: 40.881 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.0	78.0
126	11.1	8.2	12.4





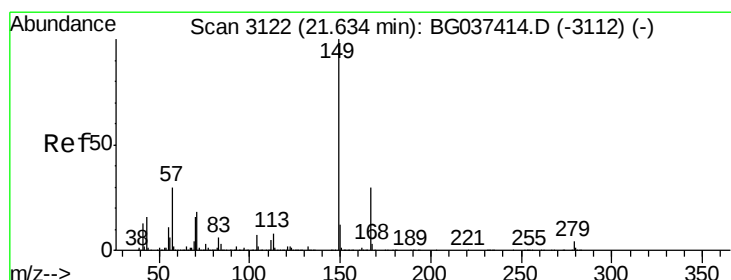
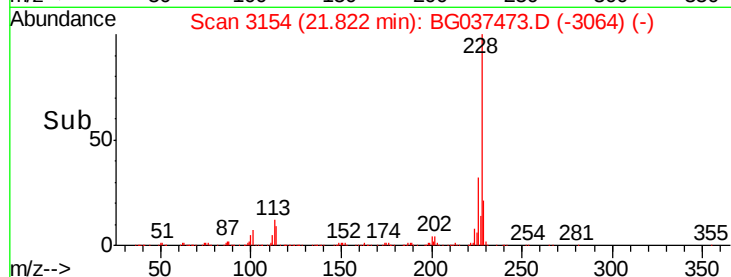
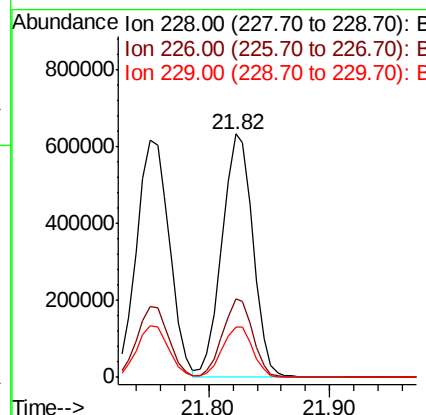
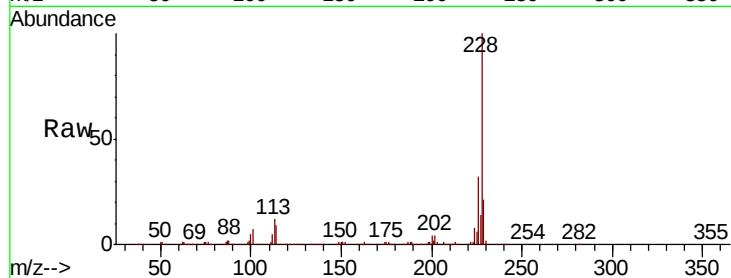
#83
Chrysene
Concen: 39.653 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 228 Resp: 1116418
Ion Ratio Lower Upper
228 100
226 32.4 25.7 38.5
229 20.9 16.5 24.7

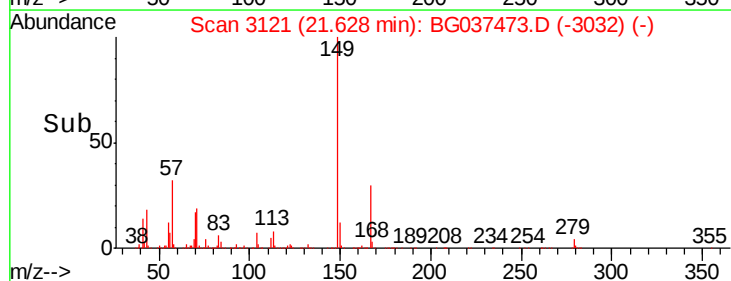
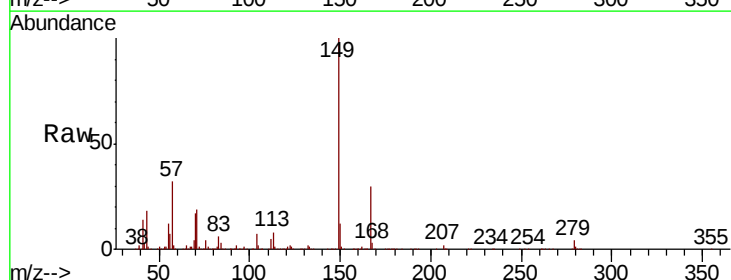
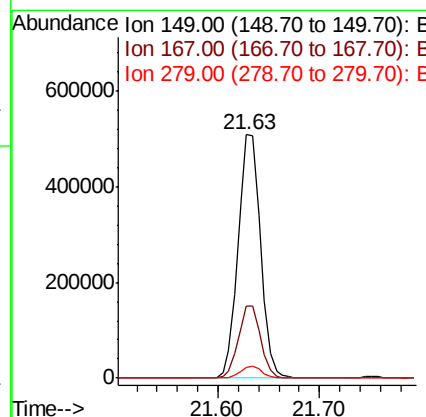
Manual Integrations
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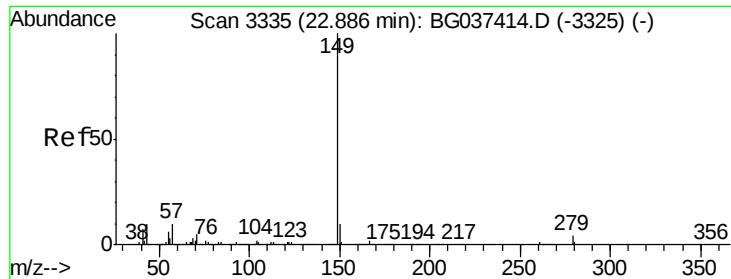
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.211 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion: 149 Resp: 783591
Ion Ratio Lower Upper
149 100
167 29.6 23.0 34.4
279 4.4 3.6 5.4





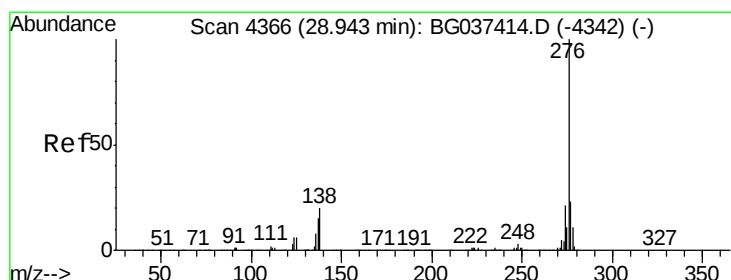
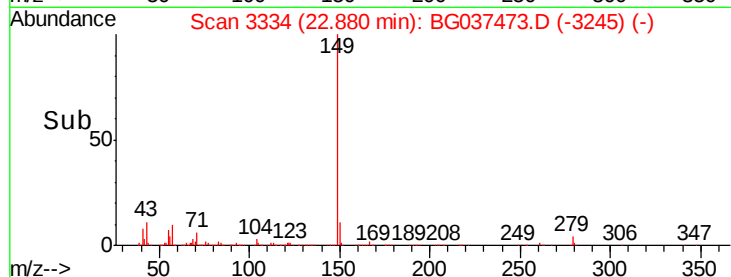
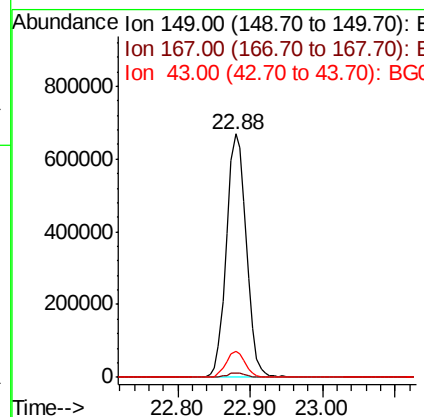
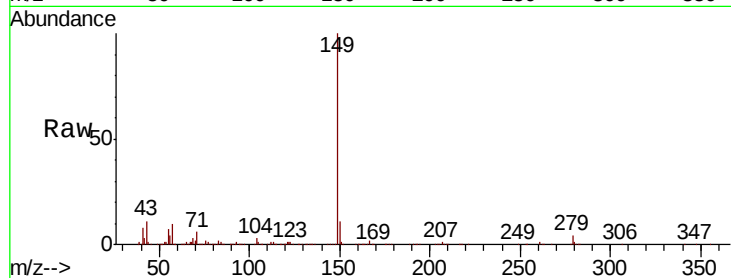
#85
Di-n-octyl phthalate
Concen: 42.153 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.4	8.7	13.1

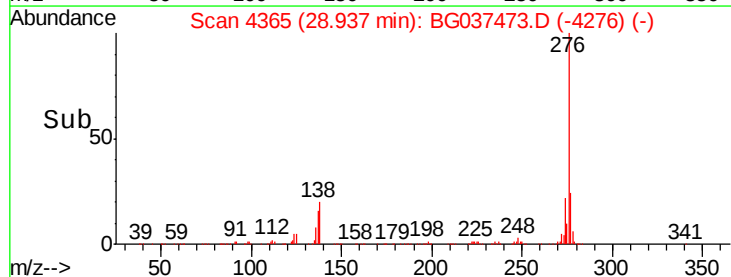
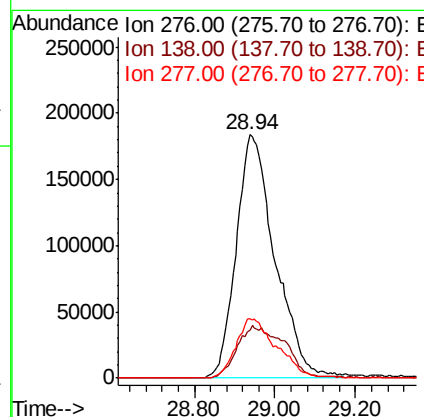
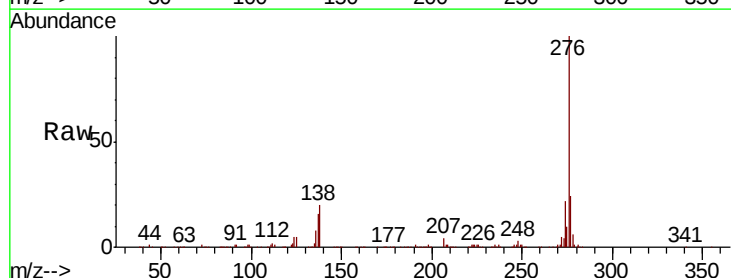
Manual Integrations
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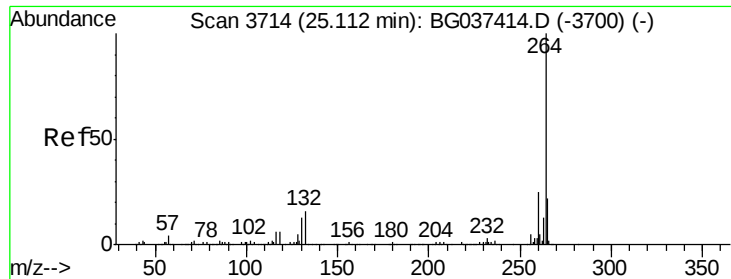
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.698 ng
RT: 28.94 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	12.0	18.0#
277	25.7	20.6	30.8





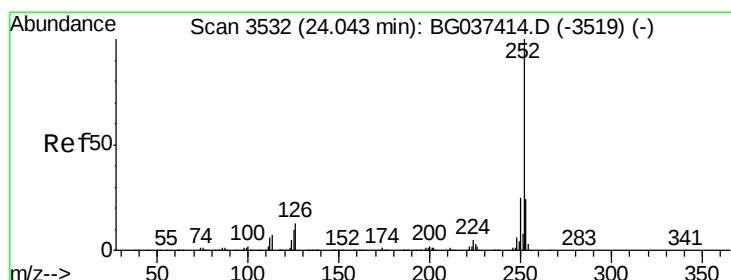
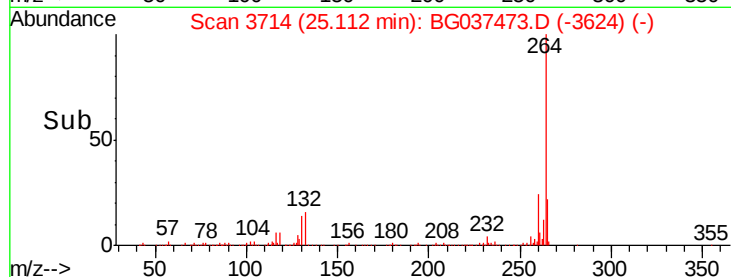
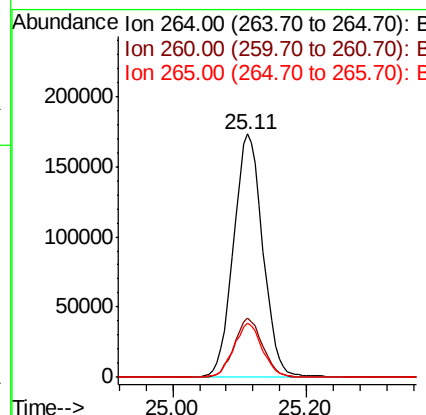
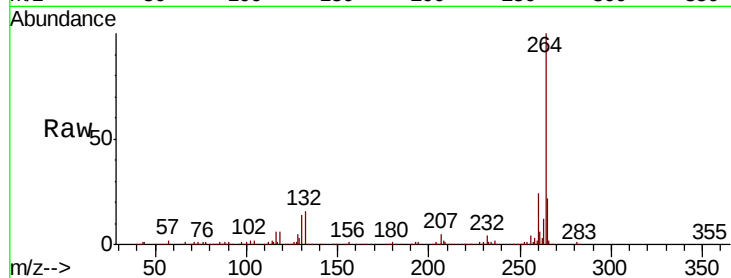
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.0	17.9	26.9

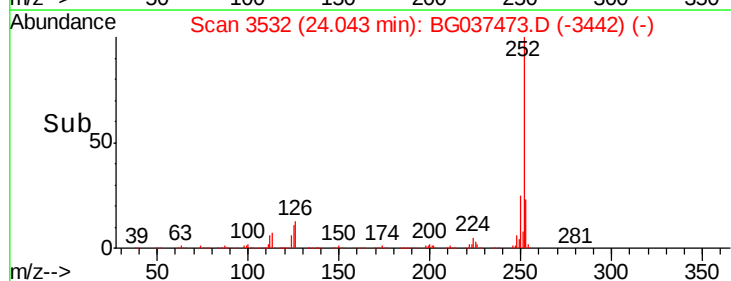
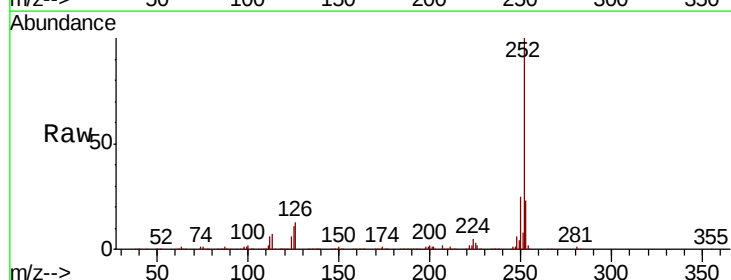
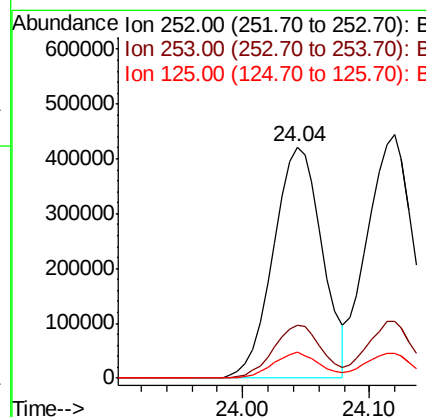
Manual Integrations
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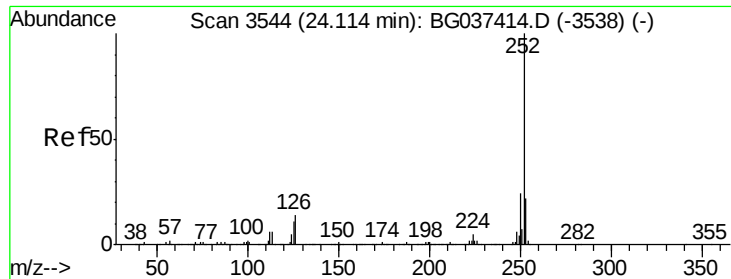
Sohil
10/22/2018 3:39:44 PM



#88
Benzo(b)fluoranthene
Concen: 38.799 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.0	7.8	11.6





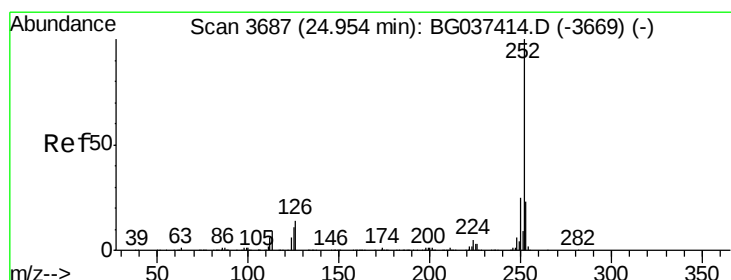
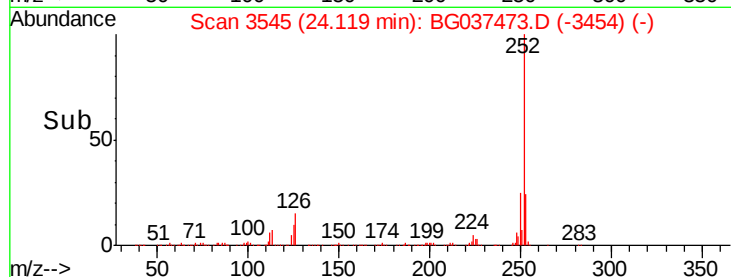
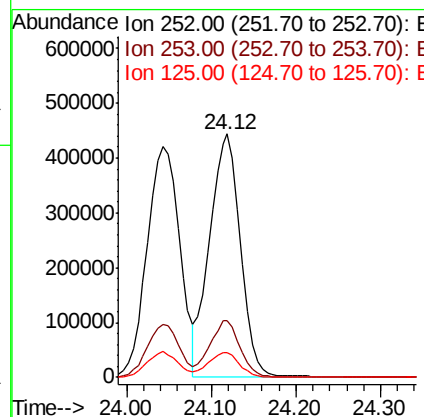
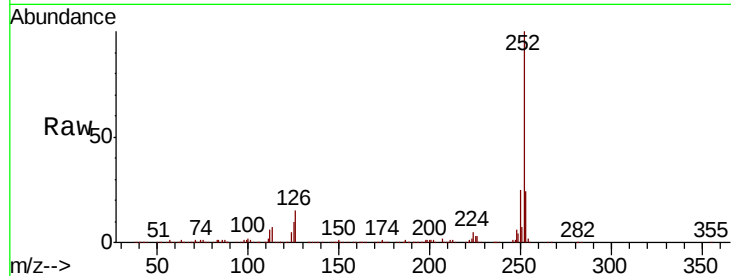
#89
Benzo(k)fluoranthene
Concen: 39.531 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	10.1	7.4	11.0

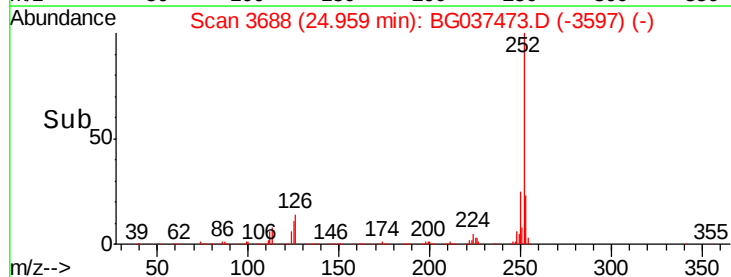
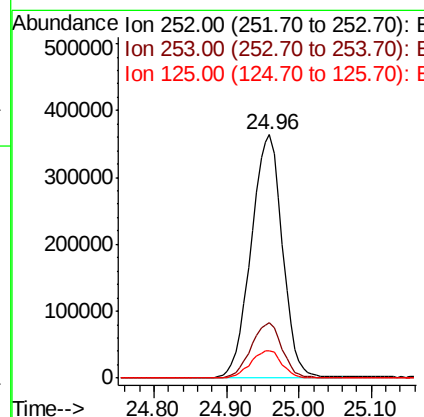
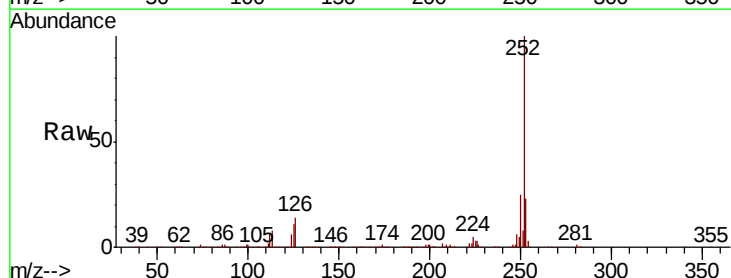
Manual Integrations
APPROVED

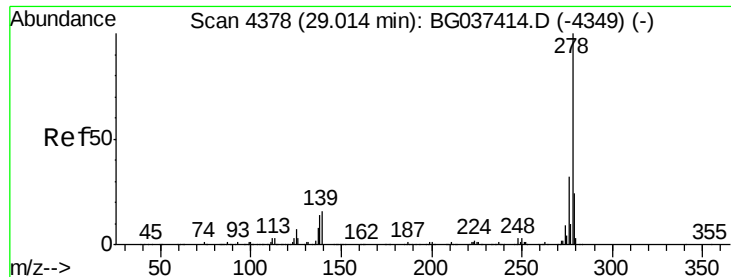
Sohil
10/22/2018 3:39:44 PM



#90
Benzo(a)pyrene
Concen: 39.430 ng
RT: 24.96 min Scan# 3688
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.3	9.0	13.6





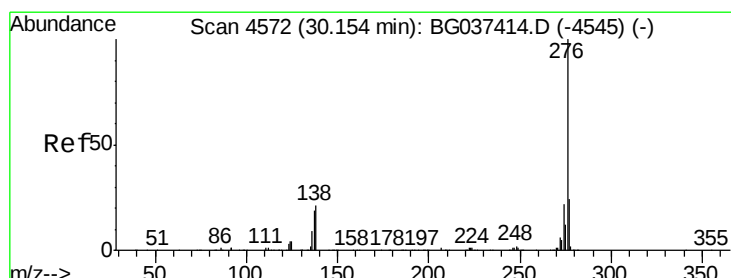
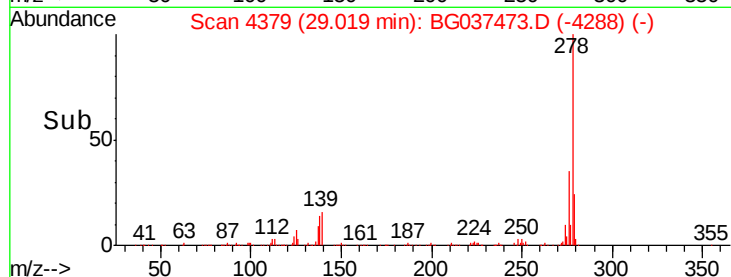
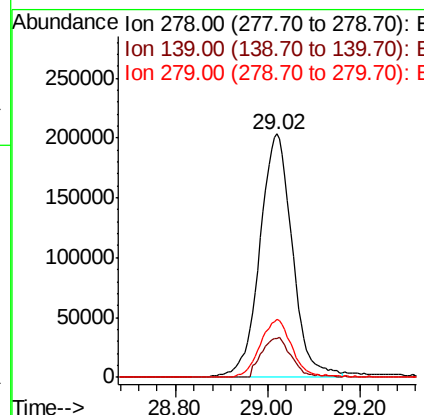
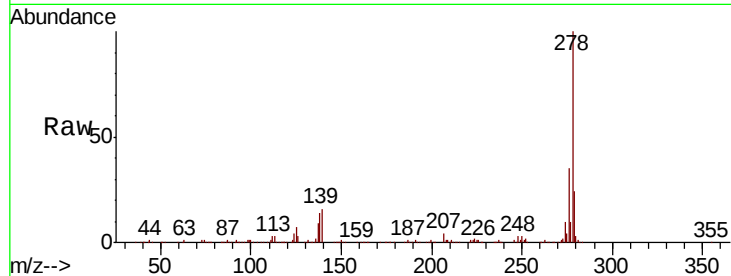
#91
Dibenzo(a,h)anthracene
Concen: 39.102 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	23.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/22/2018 3:39:44 PM



#92
Benzo(g,h,i)perylene
Concen: 39.231 ng
RT: 30.16 min Scan# 4573
Delta R.T. 0.01 min
Lab File: BG037473.D
Acq: 20 Oct 2018 5:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	21.2	17.2	25.8

