

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040212.D
 Acq On : 28 Mar 2019 23:44
 Operator : JU/SJ
 Sample : PB118375BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Manual Integrations
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Sohil
 3/29/2019 4:45:40 PM

Quant Time: Mar 29 08:04:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69618	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	280629	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	178809	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	458360	20.00	ng	0.00
76) Chrysene-d12	21.73	240	441867	20.00	ng	0.00
87) Perylene-d12	25.03	264	436726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	589398	140.74	ng	0.00
7) Phenol-d6	7.23	99	803836	138.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	475101	89.99	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	304229	157.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1079525	89.46	ng	0.00
79) Terphenyl-d14	20.04	244	1661916	84.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	59365	30.147	ng	97
3) Pyridine	3.92	79	164770	31.078	ng	99
4) n-Nitrosodimethylamine	3.84	42	89474	36.483	ng	# 93
6) Aniline	7.40	93	236287	31.424	ng	96
8) 2-Chlorophenol	7.63	128	199209	40.637	ng	96
9) Benzaldehyde	7.21	77	98054	24.699	ng	93
10) Phenol	7.25	94	263023	41.870	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	188944	37.553	ng	97
12) 1,3-Dichlorobenzene	7.96	146	204347	38.346	ng	98
13) 1,4-Dichlorobenzene	8.11	146	209887	39.545	ng	97
14) 1,2-Dichlorobenzene	8.42	146	195547	38.527	ng	98
15) Benzyl Alcohol	8.31	79	183412	39.350	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	355056	36.769	ng	98
17) 2-Methylphenol	8.50	107	181233	41.692	ng	97
18) Hexachloroethane	9.14	117	76491	37.888	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	152908	36.849	ng	98
20) 3+4-Methylphenols	8.83	107	246171	41.803	ng	100
22) Acetophenone	8.90	105	300957	42.992	ng	98
24) Nitrobenzene	9.29	77	225908	41.321	ng	99
25) Isophorone	9.80	82	447485	41.193	ng	98
26) 2-Nitrophenol	10.00	139	109359	42.214	ng	98
27) 2,4-Dimethylphenol	10.04	122	199554	48.495	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	261867	40.745	ng	98
29) 2,4-Dichlorophenol	10.53	162	206634	46.263	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	207835	42.377	ng	98
31) Naphthalene	10.94	128	612171	42.558	ng	98
32) Benzoic acid	10.20	122	103722	41.719	ng	98
33) 4-Chloroaniline	11.05	127	115077	18.755	ng	96
34) Hexachlorobutadiene	11.20	225	126318	40.273	ng	97
35) Caprolactam	11.84	113	79206m	44.686	ng	
36) 4-Chloro-3-methylphenol	12.16	107	236984	46.153	ng	99
37) 2-Methylnaphthalene	12.54	142	461974	43.425	ng	99
38) 1-Methylnaphthalene	12.75	142	442328	42.878	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	234549	41.271	ng	99

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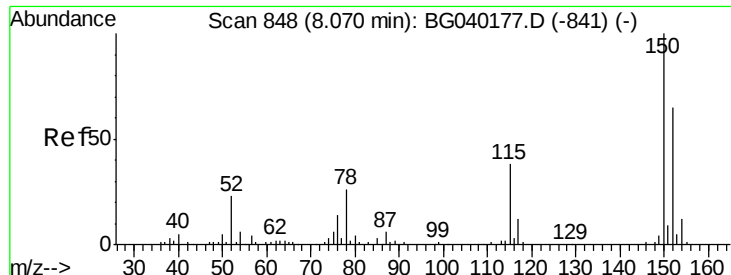
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	292487	93.732	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	169096	46.149	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	182106	45.597	ng	97
46) 1,1'-Biphenyl	13.53	154	595517	42.151	ng	99
47) 2-Chloronaphthalene	13.59	162	465439	42.948	ng	99
48) 2-Nitroaniline	13.80	65	161264	44.115	ng	99
49) Acenaphthylene	14.43	152	778627	42.376	ng	99
50) Dimethylphthalate	14.15	163	627887	44.867	ng	99
51) 2,6-Dinitrotoluene	14.29	165	144876	46.106	ng	95
52) Acenaphthene	14.77	154	454958	43.211	ng	99
53) 3-Nitroaniline	14.62	138	87845	26.411	ng	# 87
54) 2,4-Dinitrophenol	14.83	184	174137	104.205	ng	92
55) Dibenzofuran	15.10	168	743496	43.946	ng	98
56) 4-Nitrophenol	14.92	139	253701	94.507	ng	98
57) 2,4-Dinitrotoluene	15.07	165	207139	47.442	ng	98
58) Fluorene	15.75	166	589132	44.291	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	174815	48.236	ng	100
60) Diethylphthalate	15.51	149	657009	45.880	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	318169	44.750	ng	97
62) 4-Nitroaniline	15.78	138	163347	45.762	ng	99
63) Azobenzene	16.03	77	598241	44.289	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	126151	48.988	ng	96
66) n-Nitrosodiphenylamine	15.95	169	558844	41.665	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	217057	42.080	ng	99
68) Hexachlorobenzene	16.74	284	221861	42.778	ng	98
69) Atrazine	16.89	200	203786	40.843	ng	96
70) Pentachlorophenol	17.09	266	275339	91.829	ng	95
71) Phenanthrene	17.49	178	1020096	42.341	ng	99
72) Anthracene	17.58	178	1042010	43.211	ng	99
73) Carbazole	17.85	167	989042	43.338	ng	99
74) Di-n-butylphthalate	18.39	149	1160181	42.888	ng	99
75) Fluoranthene	19.50	202	1244381	43.619	ng	99
77) Benzidine	19.68	184	472533	29.614	ng	100
78) Pyrene	19.86	202	1239435	42.654	ng	99
80) Butylbenzylphthalate	20.73	149	544163	43.764	ng	96
81) Benzo(a)anthracene	21.71	228	1170780	43.017	ng	97
82) 3,3'-Dichlorobenzidine	21.62	252	278143	26.865	ng	99
83) Chrysene	21.78	228	1096782	41.931	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	754190	42.432	ng	98
85) Di-n-octyl phthalate	22.81	149	1284682	42.422	ng	100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1390575	43.467	ng	100
88) Benzo(b)fluoranthene	23.97	252	1204546	45.050	ng	99
89) Benzo(k)fluoranthene	24.05	252	1167776	47.492	ng	98
90) Benzo(a)pyrene	24.87	252	1190009	47.435	ng	100
91) Dibenzo(a,h)anthracene	28.89	278	1125904	48.322	ng	100
92) Benzo(g,h,i)perylene	30.02	276	1161914	48.523	ng	100

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



#1

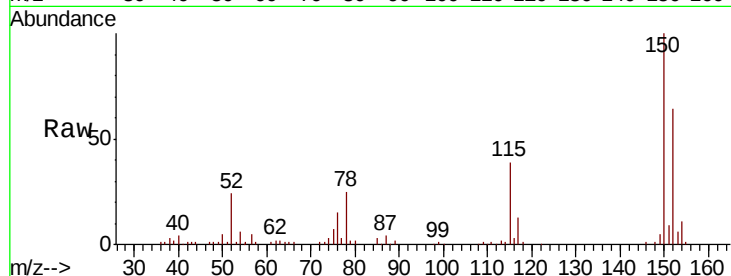
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.7	185.5
115	61.5	46.9	70.3

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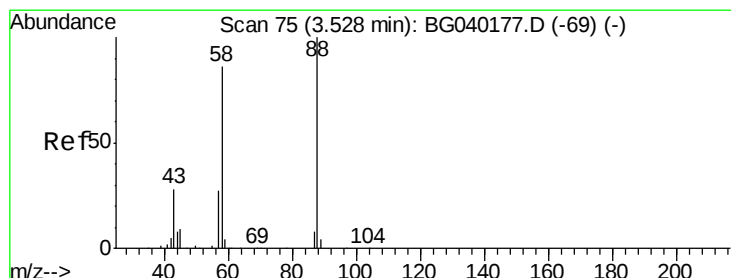
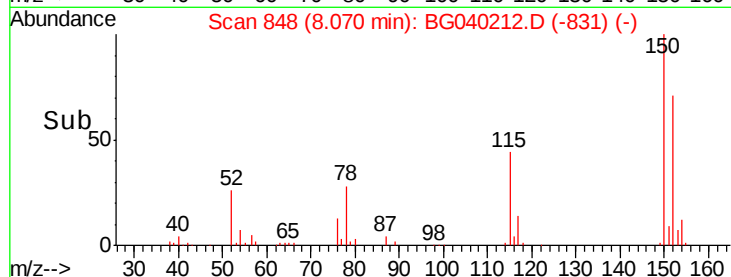
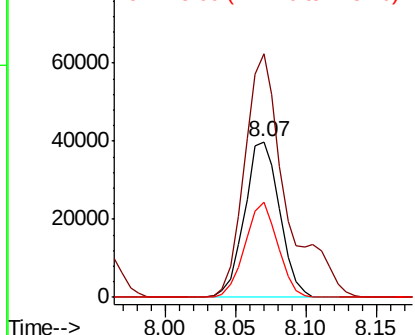


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

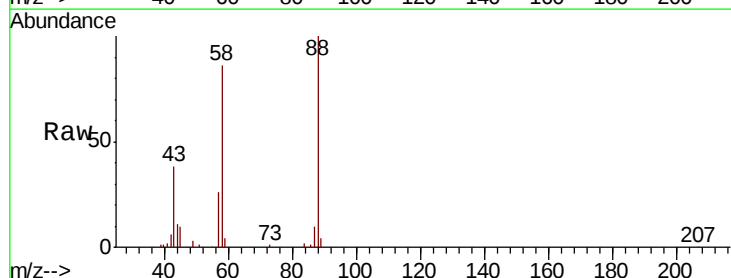
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.147 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.6	106.0
43	34.4	24.8	37.2

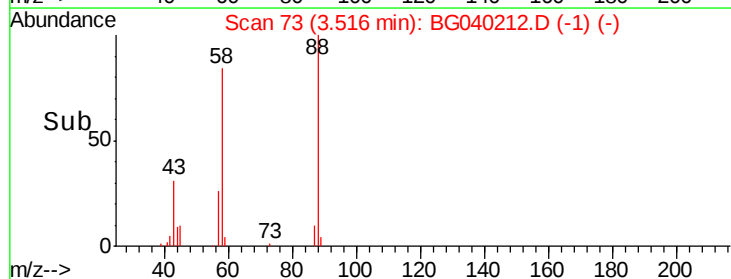
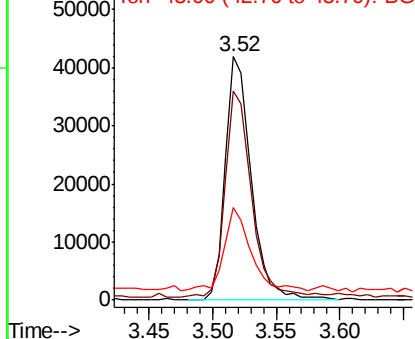


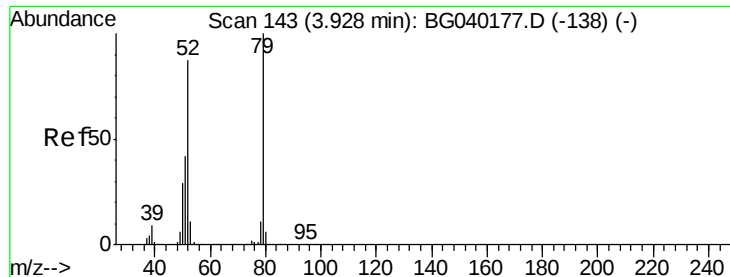
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.078 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

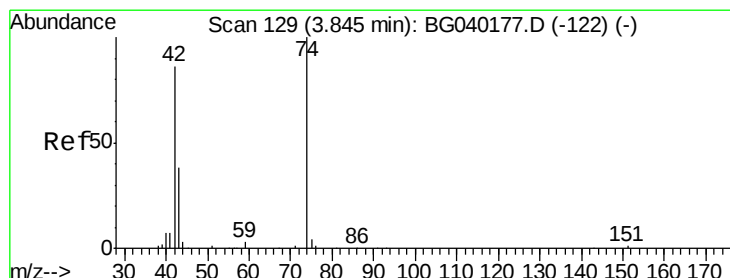
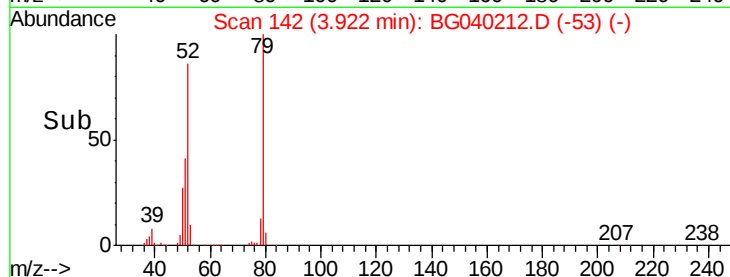
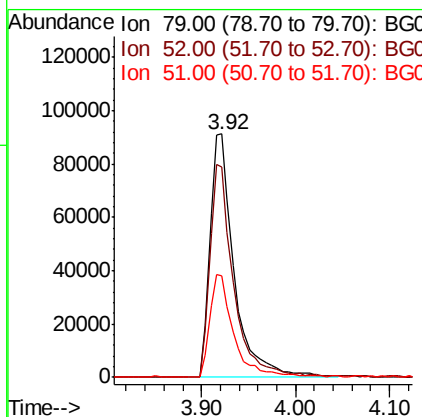
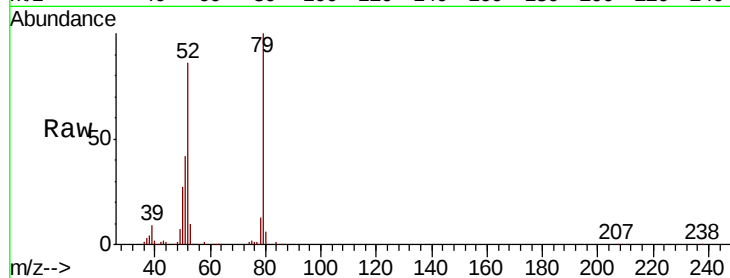
ClientSampleId :

PB118375BS

Tot Ion:	79	Resp:	164770
Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.8	104.8
51	41.7	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 36.483 ng

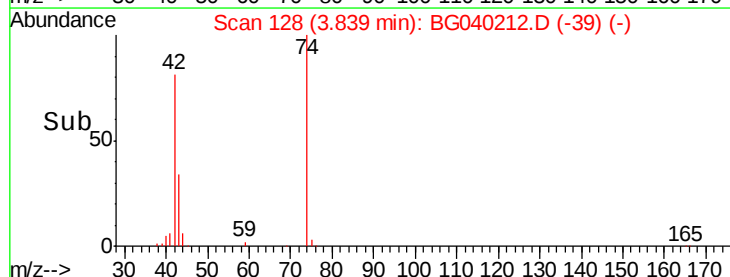
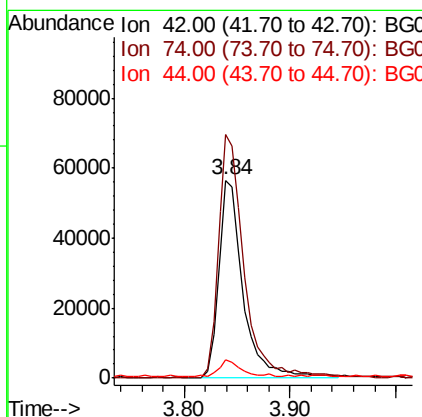
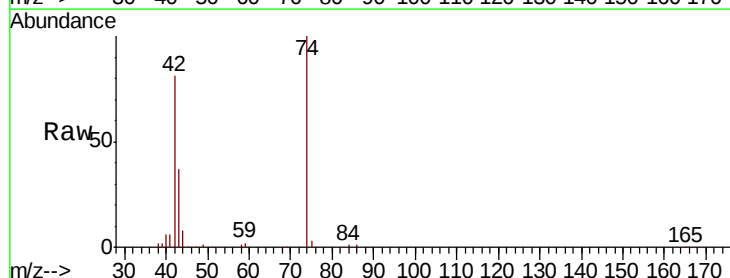
RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	42	Resp:	89474
Ion	Ratio	Lower	Upper
42	100		
74	123.2	92.9	139.3
44	9.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 140.743 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

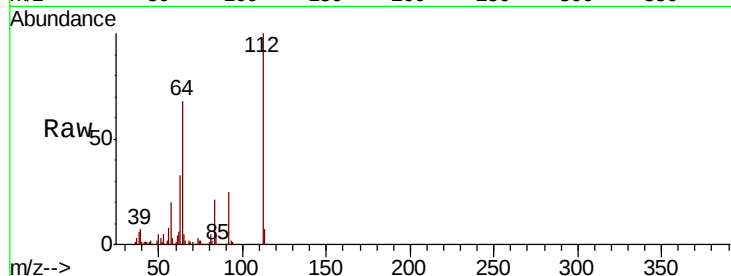
ClientSampleId :

PB118375BS

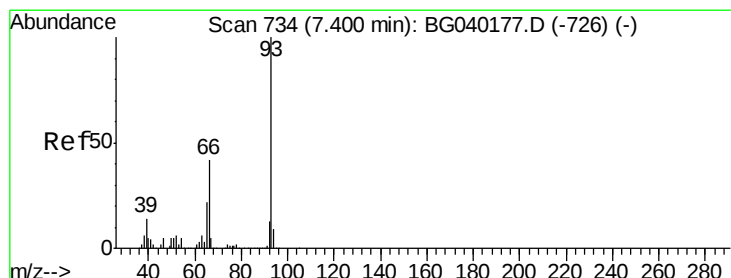
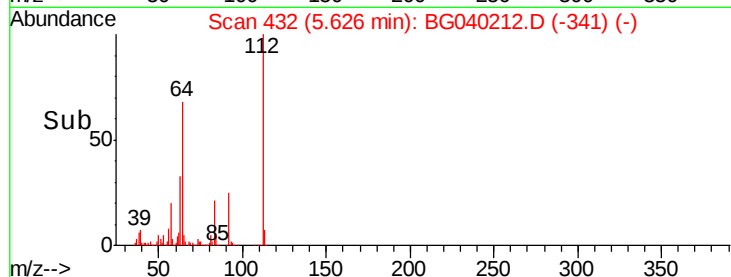
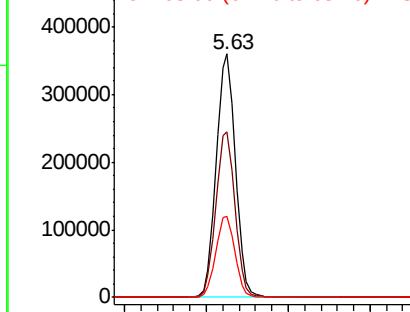
Tot Ion:	112	Resp:	589398
Ion Ratio	Lower	Upper	
112	100		
64	68.1	54.2	81.2
63	33.3	26.4	39.6

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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: 31.424 ng

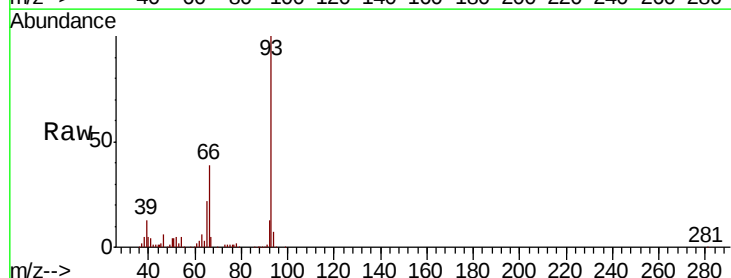
RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

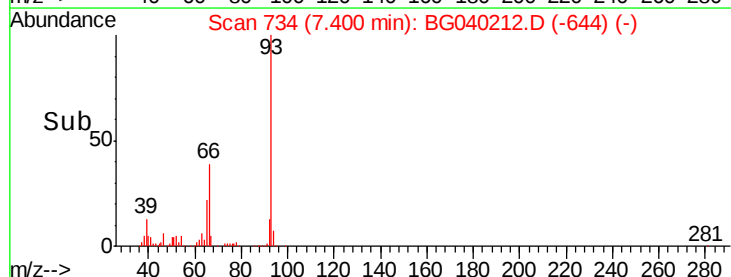
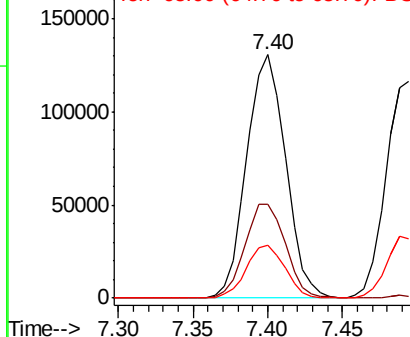
Lab File: BG040212.D

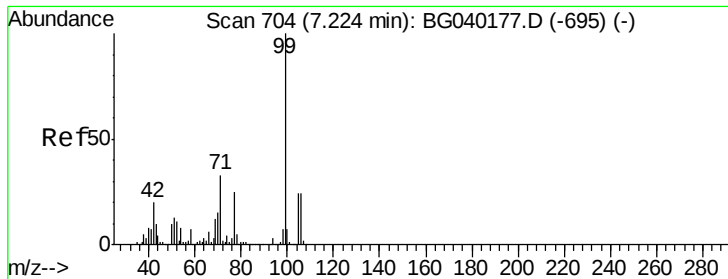
Acq: 28 Mar 2019 23:44

Tgt Ion:	93	Resp:	236287
Ion Ratio	Lower	Upper	
93	100		
66	38.6	33.6	50.4
65	21.5	17.4	26.2



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: 138.890 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

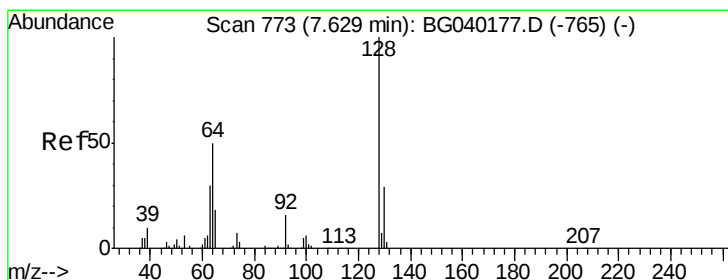
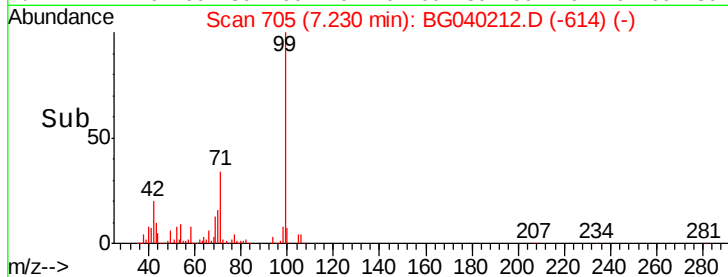
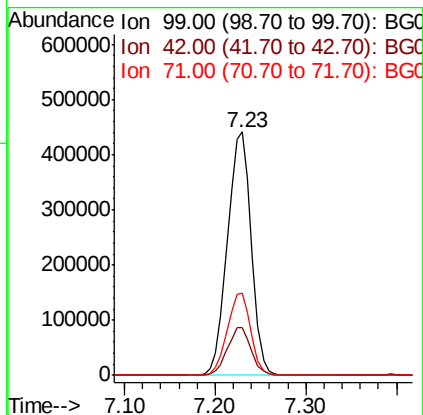
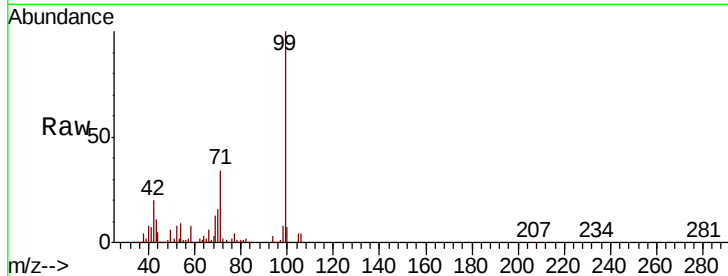
ClientSampled :

PB118375BS

Tot Ion:	99	Resp:	803836
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.2	24.2
71	34.0	26.8	40.2

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#8

2-Chlorophenol

Concen: 40.637 ng

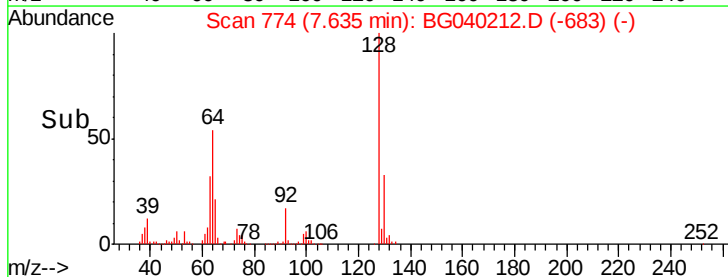
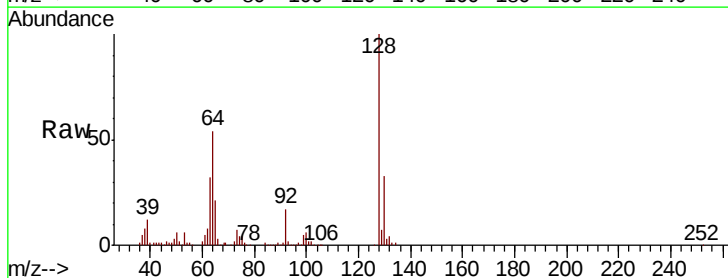
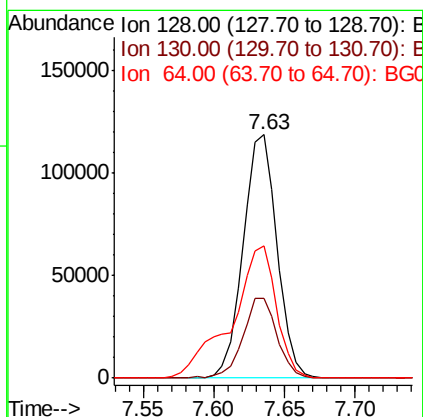
RT: 7.63 min Scan# 774

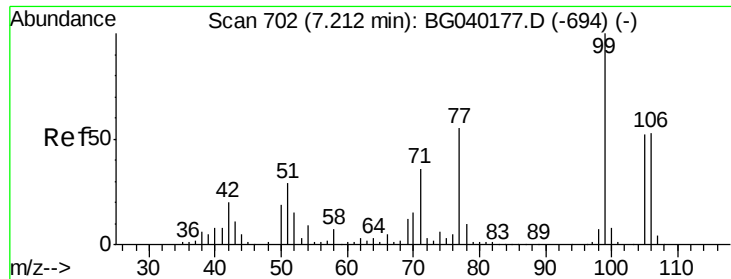
Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	128	Resp:	199209
Ion Ratio	Lower	Upper	
128	100		
130	33.0	9.1	49.1
64	54.2	33.1	73.1





#9

Benzaldehyde

Concen: 24.699 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

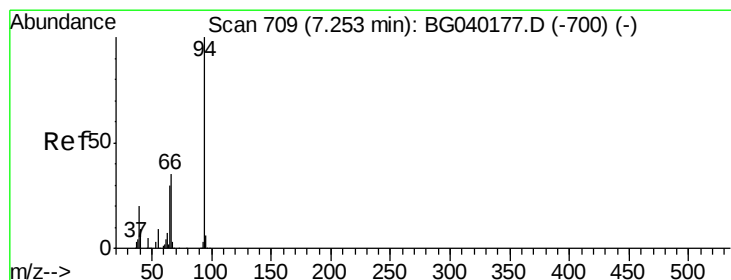
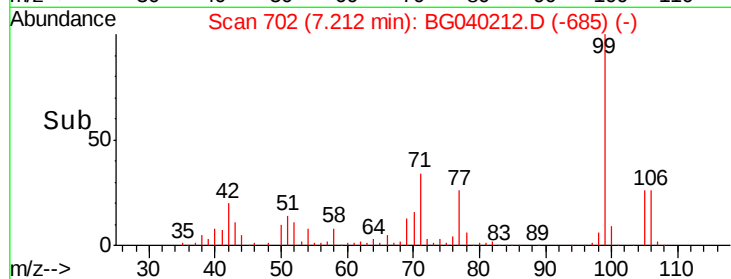
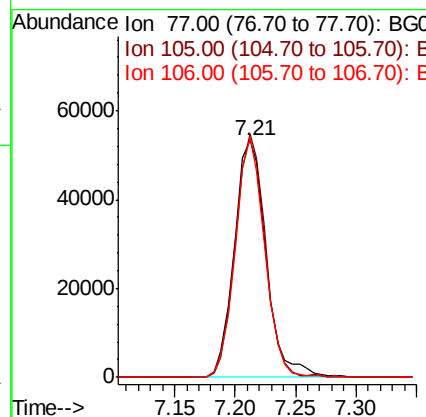
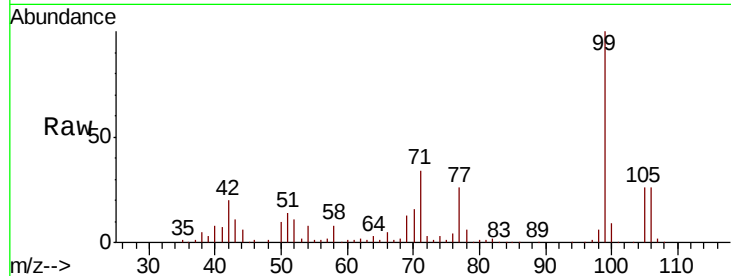
ClientSampled :

PB118375BS

Tot Ion:	77	Resp:	98054
Ion	Ratio	Lower	Upper
77	100		
105	102.7	75.0	115.0
106	101.2	75.7	115.7

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#10

Phenol

Concen: 41.870 ng

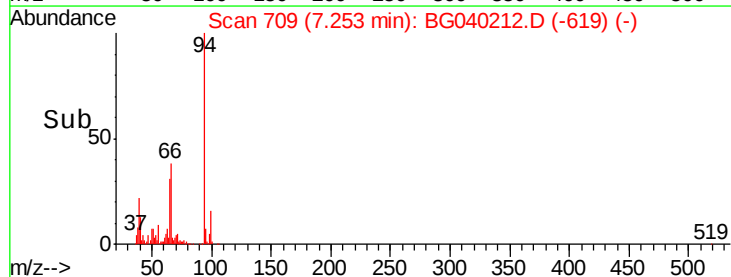
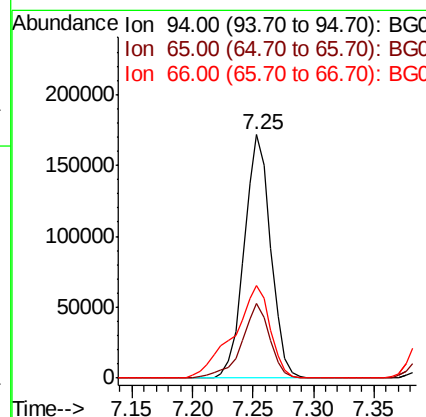
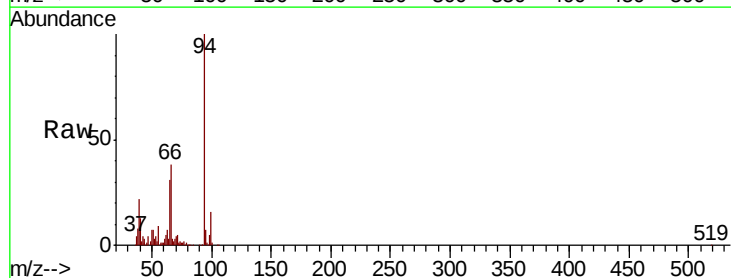
RT: 7.25 min Scan# 709

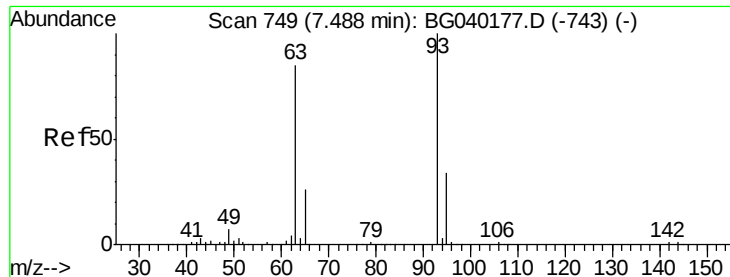
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	94	Resp:	263023
Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.5	50.5
66	38.1	16.9	56.9





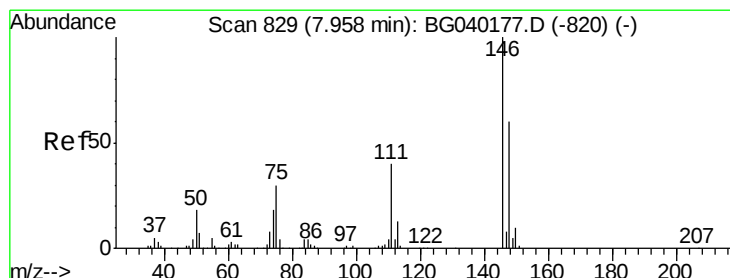
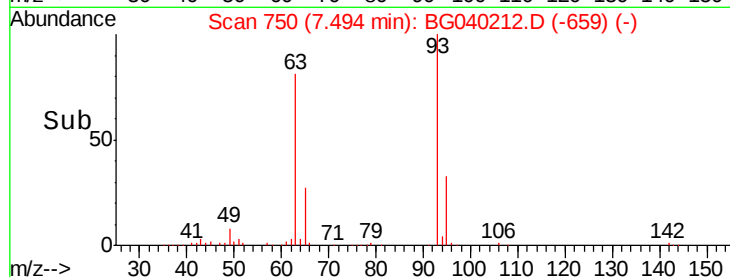
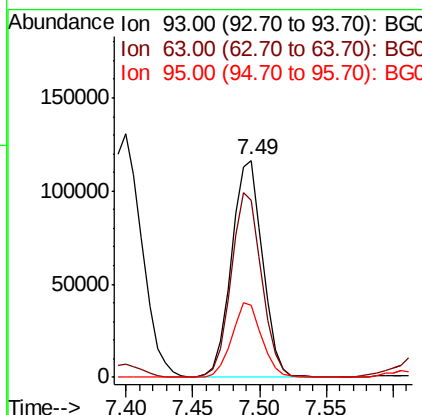
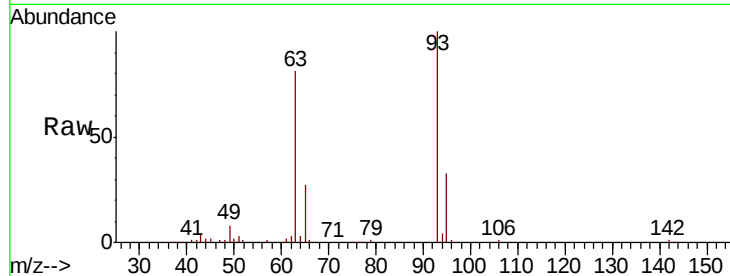
#11
bis(2-Chloroethyl)ether
Concen: 37.553 ng
RT: 7.49 min Scan# 750
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	64.2	104.2
95	33.2	14.0	54.0

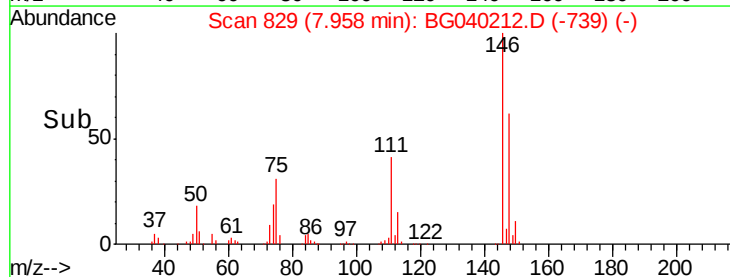
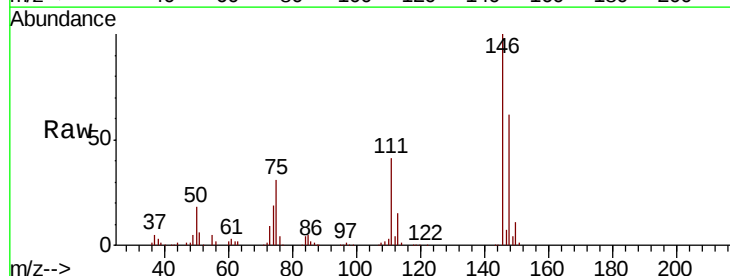
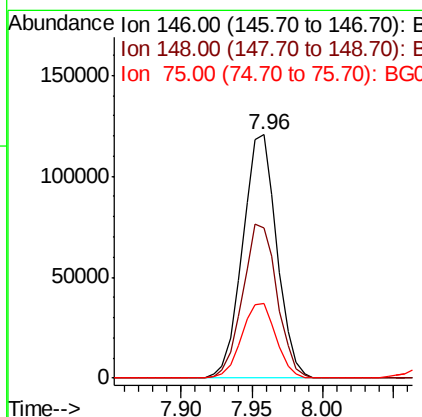
Manual Integrations
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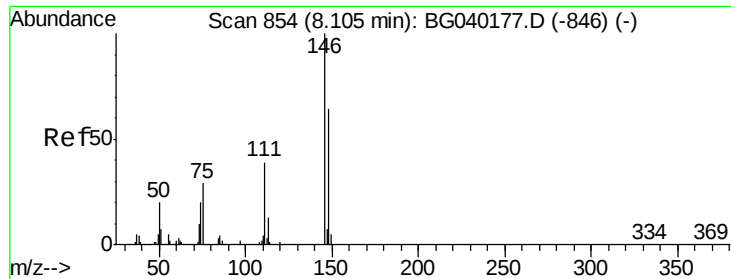
Sohil
3/29/2019 4:45:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.346 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	48.2	72.2
75	30.8	24.1	36.1





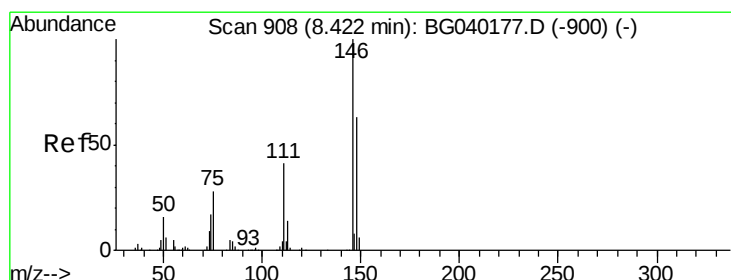
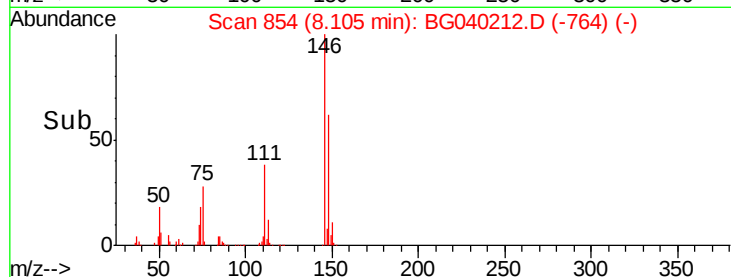
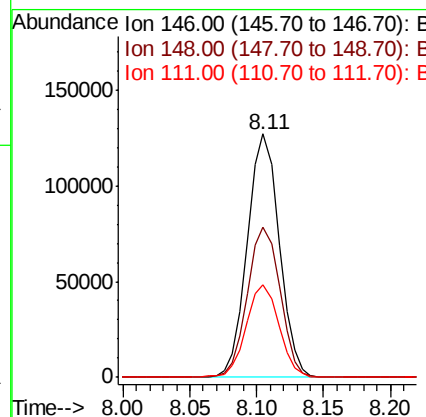
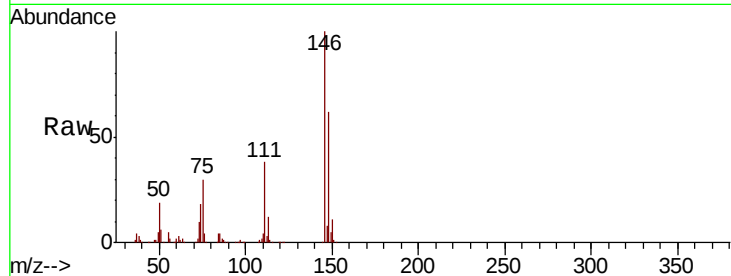
#13
 1,4-Dichlorobenzene
 Concen: 39.545 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.0	76.4
111	38.1	31.8	47.6

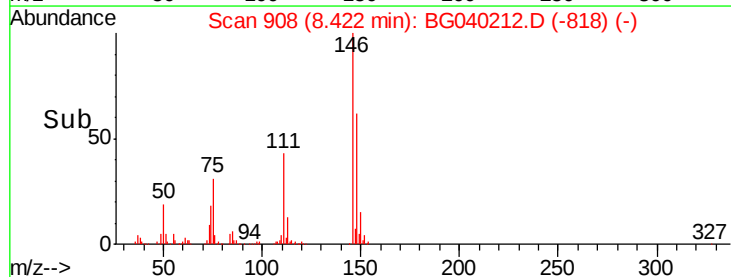
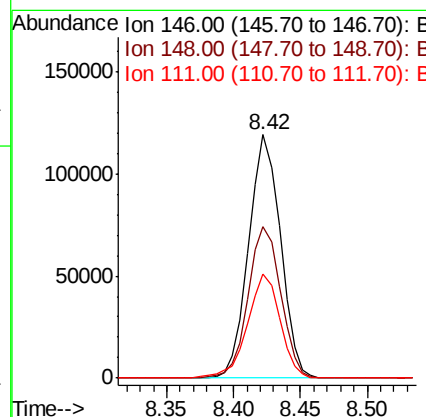
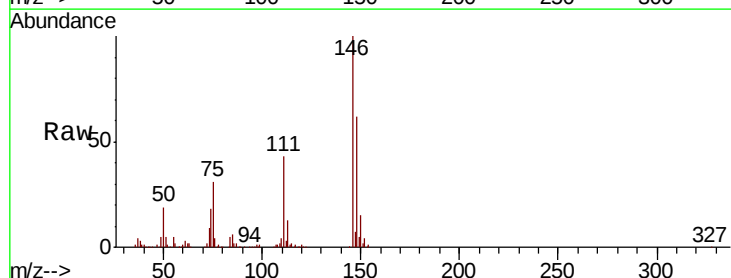
Manual Integrations
 APPROVED

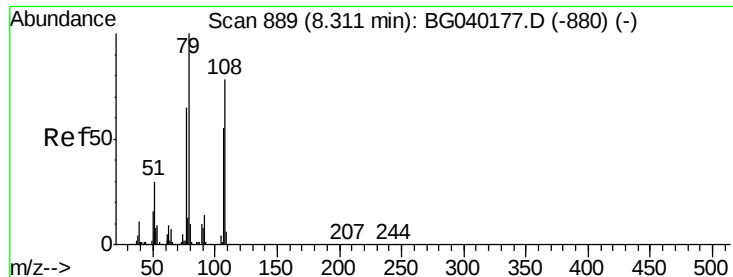
Sohil
 3/29/2019 4:45:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.527 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	43.0	33.4	50.0





#15

Benzyl Alcohol

Concen: 39.350 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

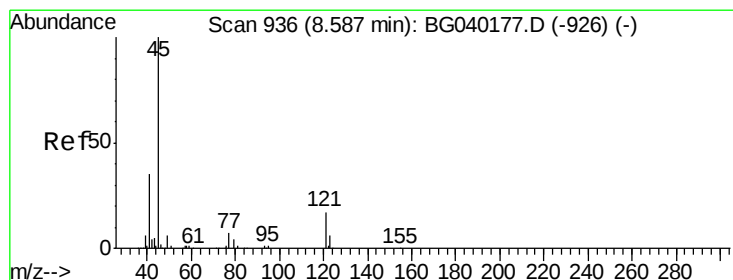
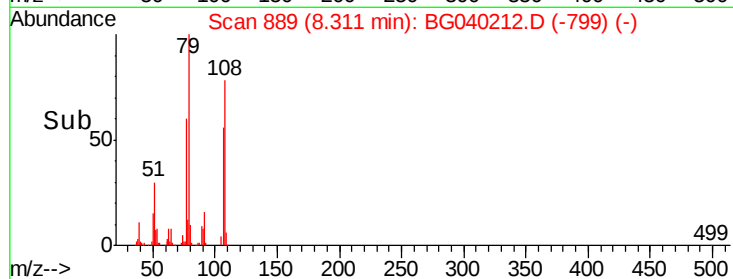
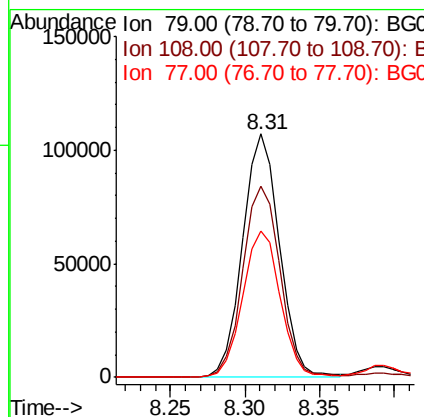
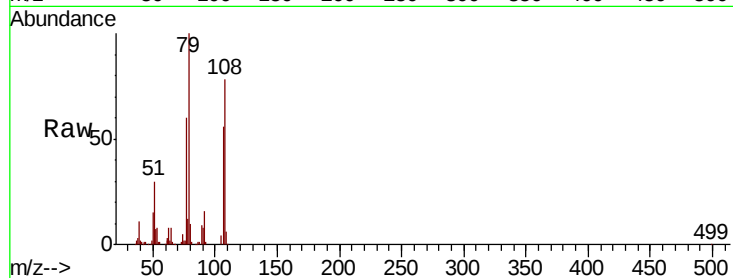
ClientSampled :

PB118375BS

Tot Ion:	79	Resp:	183412
Ion Ratio	Lower	Upper	
79	100		
108	78.4	62.1	93.1
77	60.1	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.769 ng

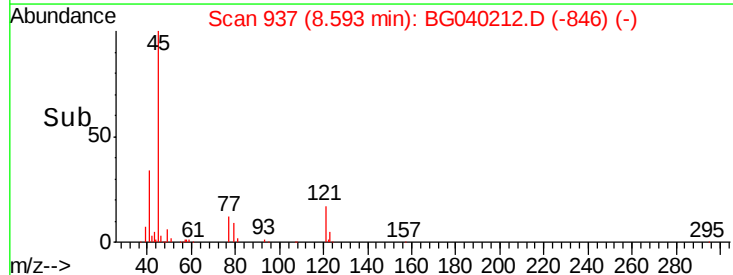
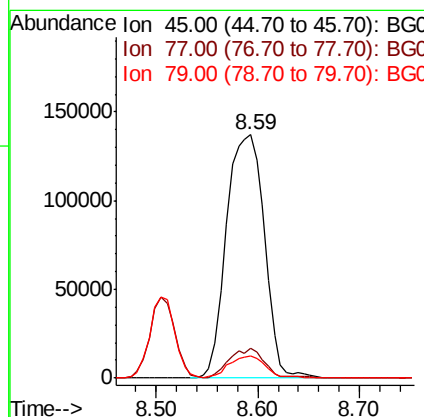
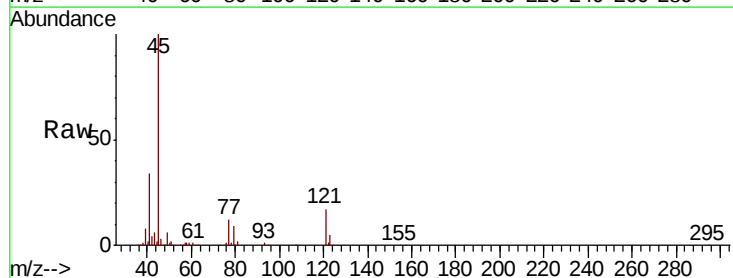
RT: 8.59 min Scan# 937

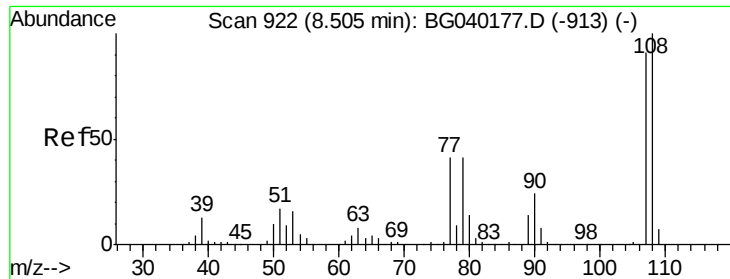
Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	45	Resp:	355056
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.4
79	9.4	0.0	28.3





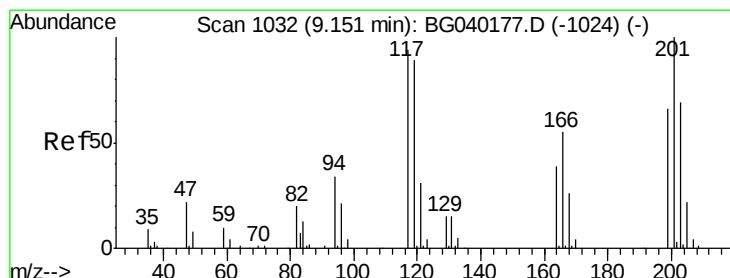
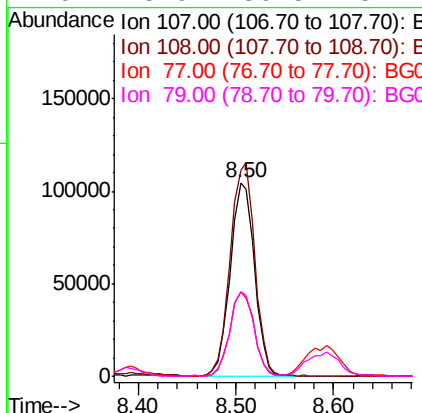
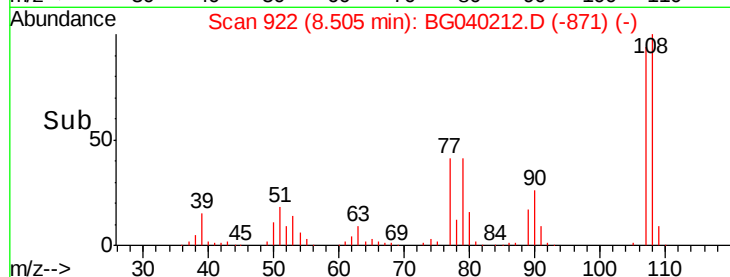
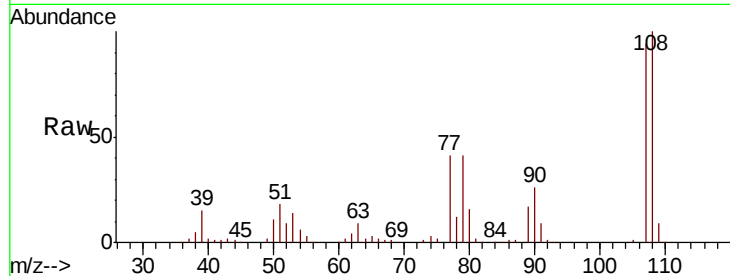
#17
2-Methylphenol
Concen: 41.692 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.6	88.2	132.4
77	43.3	36.6	55.0
79	43.9	36.5	54.7

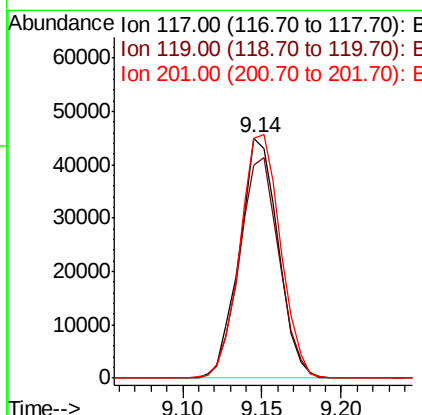
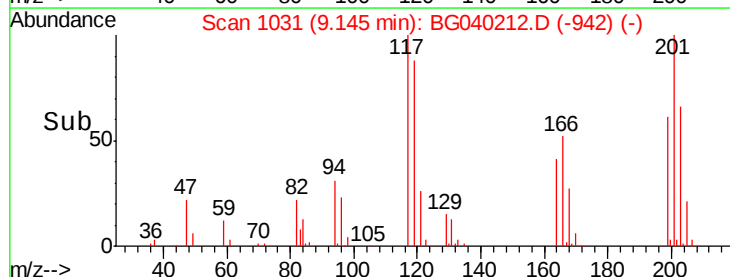
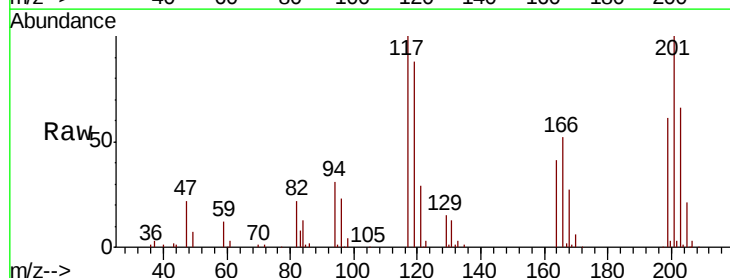
Manual Integrations
APPROVED

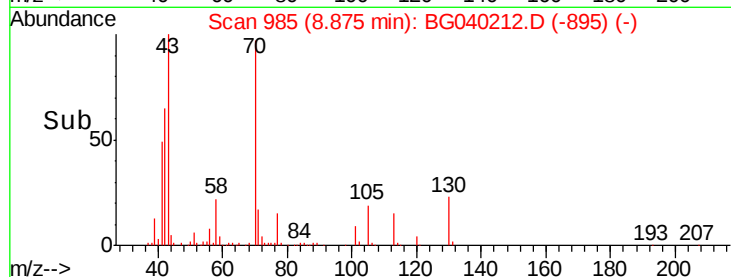
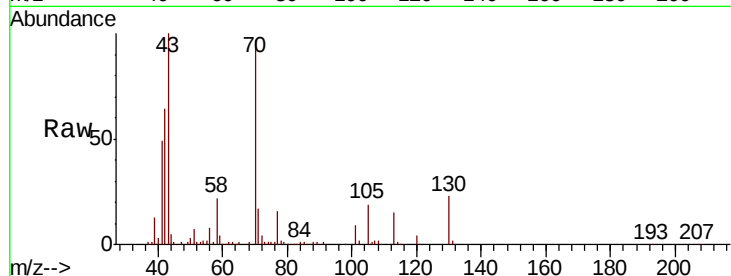
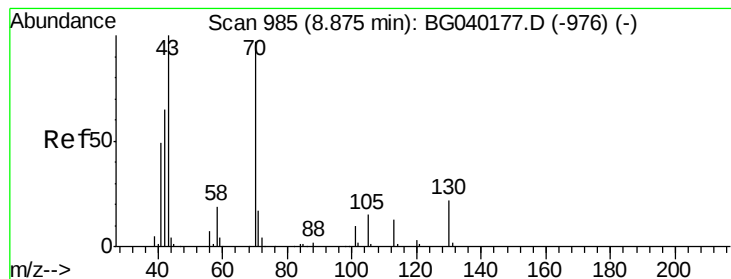
Sohil
3/29/2019 4:45:40 PM



#18
Hexachloroethane
Concen: 37.888 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.5	76.6	115.0
201	102.8	85.0	127.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.849 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.4	54.0	81.0	
101	9.3	8.6	13.0	
130	24.0	18.2	27.2	

Instrument :

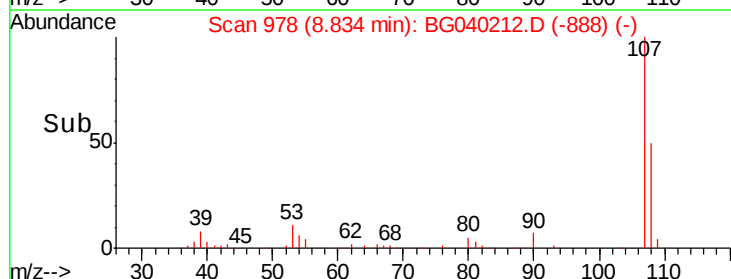
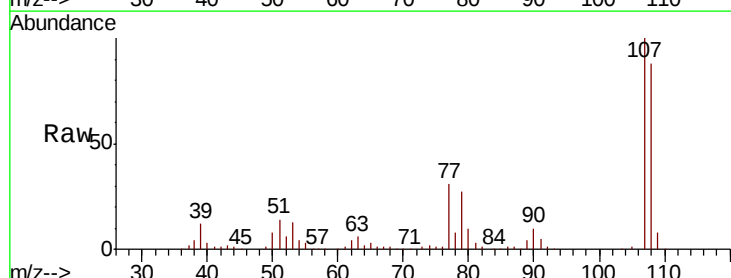
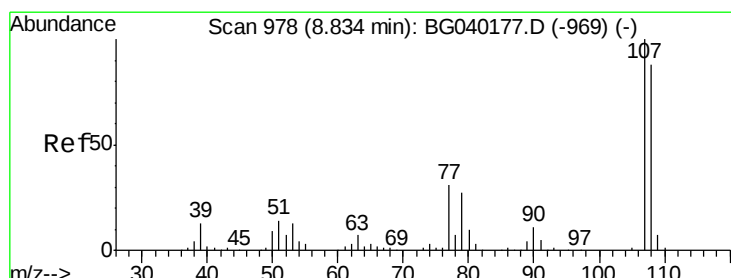
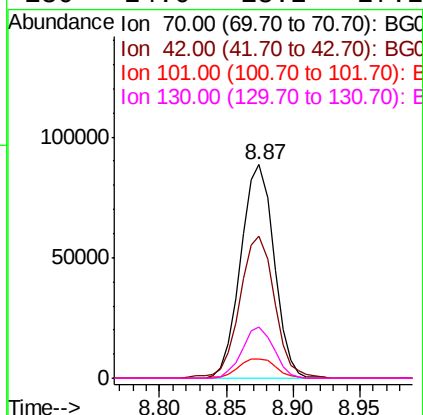
BNA_G

ClientSampled :

PB118375BS

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#20

3+4-Methylphenols

Concen: 41.803 ng

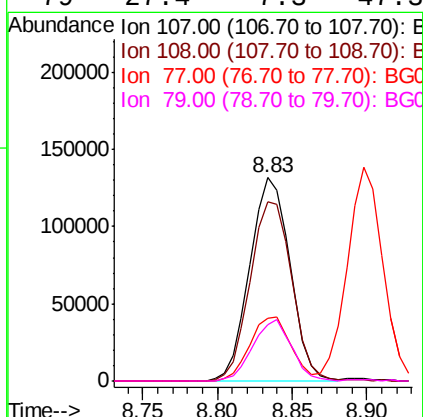
RT: 8.83 min Scan# 978

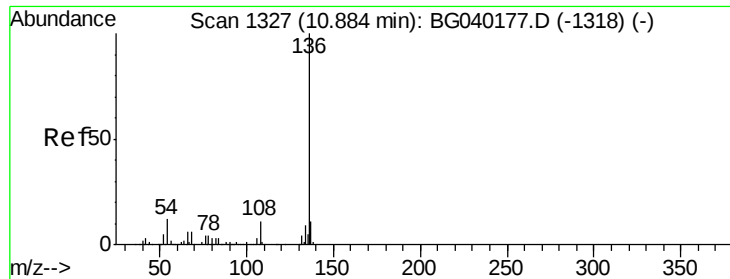
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	68.3	108.3	
77	31.1	11.3	51.3	
79	27.4	7.3	47.3	





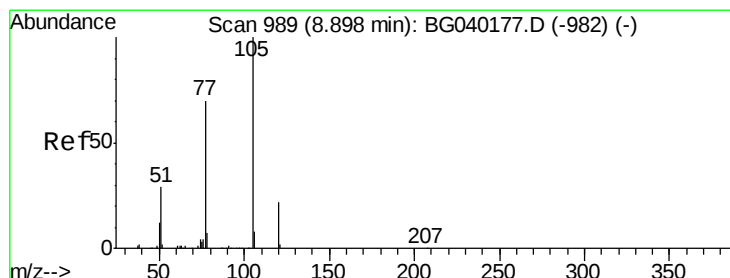
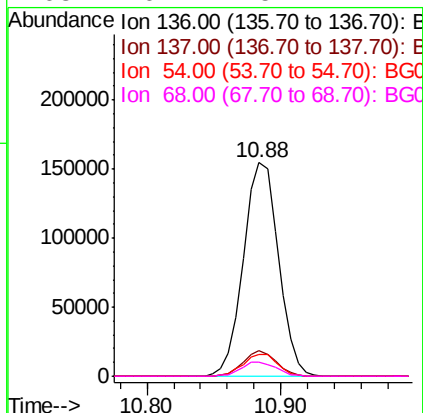
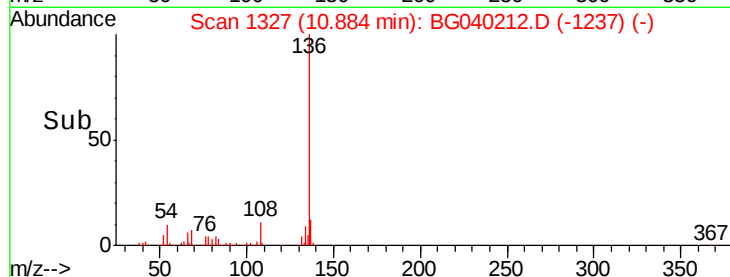
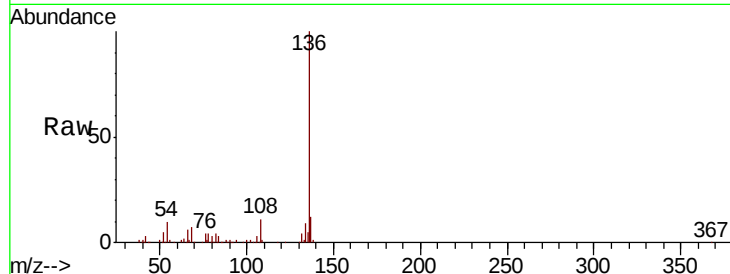
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	280629		
137	11.9		8.9	13.3
54	10.4		9.6	14.4
68	6.7		5.1	7.7

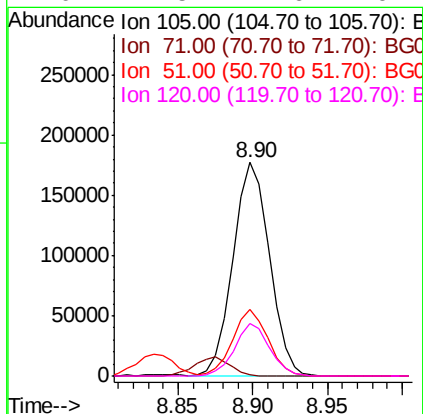
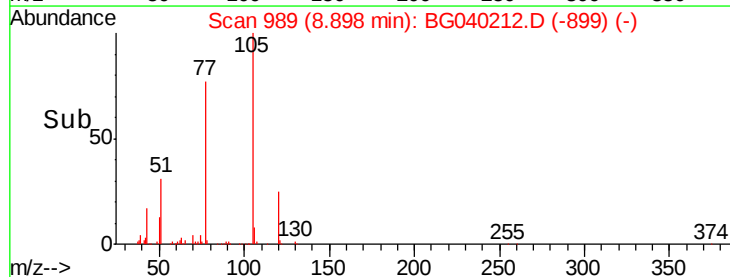
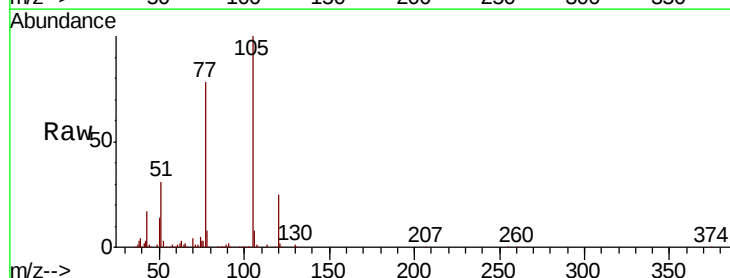
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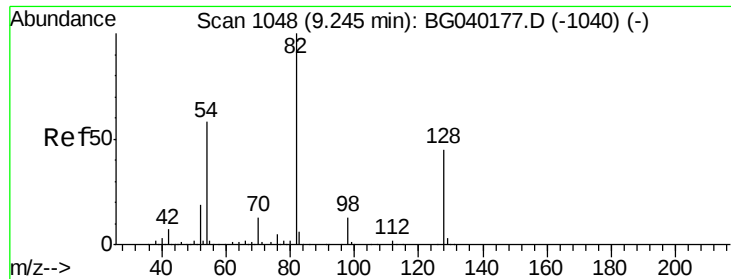
Sohil
3/29/2019 4:45:40 PM



#22
Acetophenone
Concen: 42.992 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300957		
71	0.8		0.6	1.0
51	31.4		25.1	37.7
120	24.5		17.6	26.4





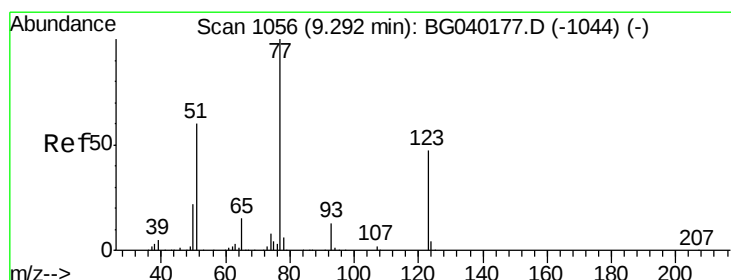
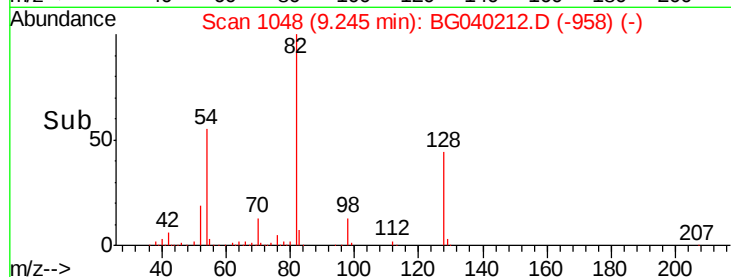
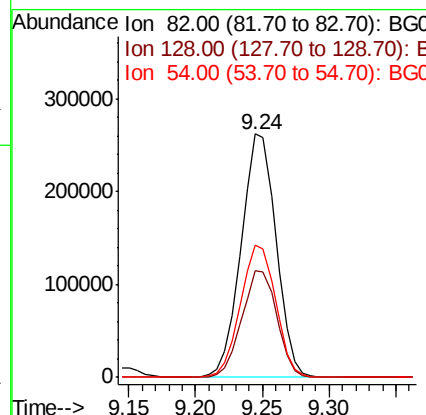
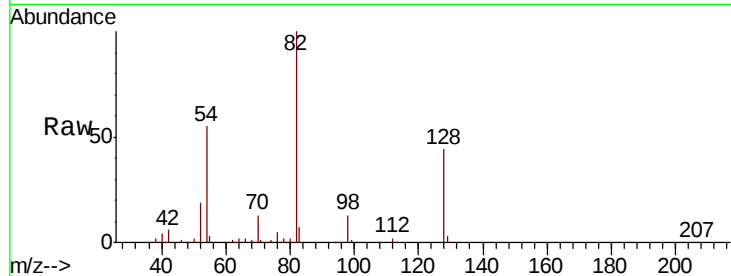
#23
 Nitrobenzene-d5
 Concen: 89.988 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tot Ion	82	Resp	475101
Ion Ratio	100	Lower	Upper
128	43.7	35.8	53.8
54	54.6	46.2	69.2

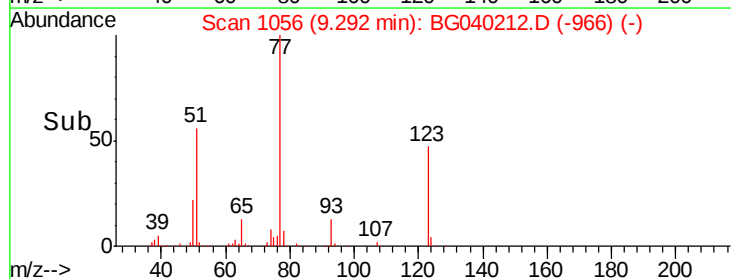
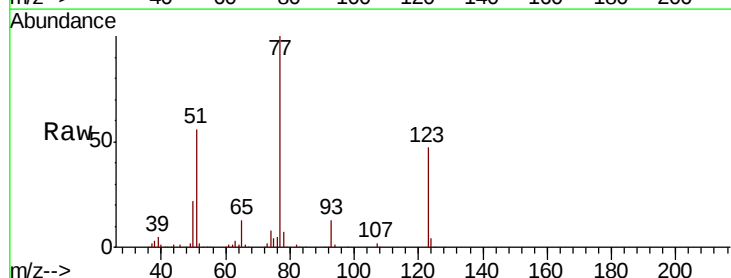
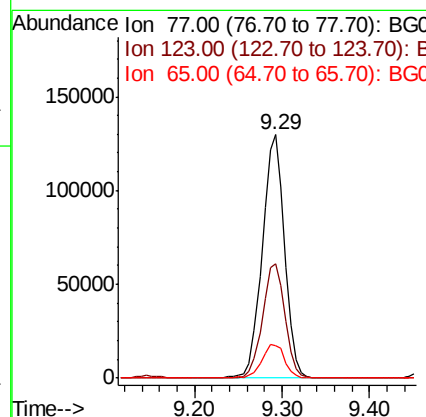
Manual Integrations
 APPROVED

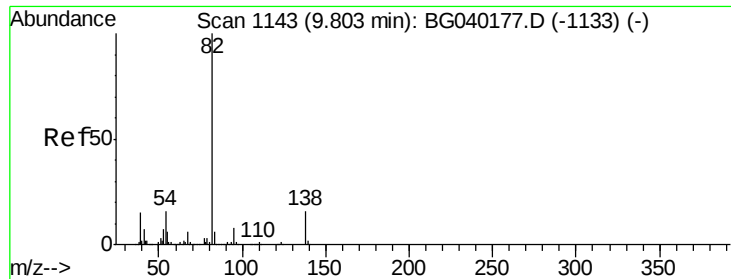
Sohil
 3/29/2019 4:45:40 PM



#24
 Nitrobenzene
 Concen: 41.321 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	77	Resp	225908
Ion Ratio	100	Lower	Upper
123	47.2	37.8	56.6
65	13.5	12.0	18.0





#25

Isophorone

Concen: 41.193 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

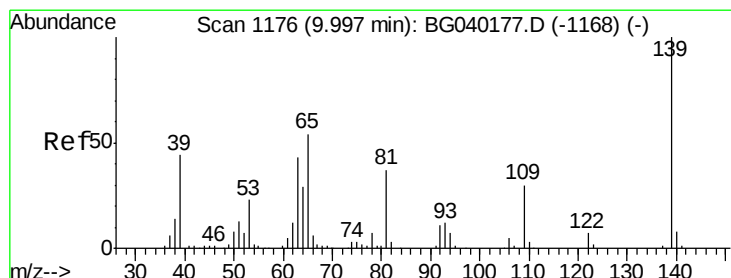
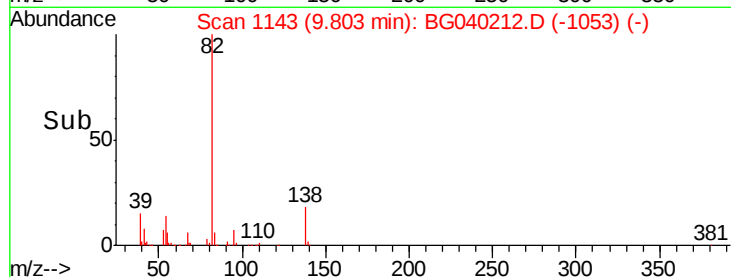
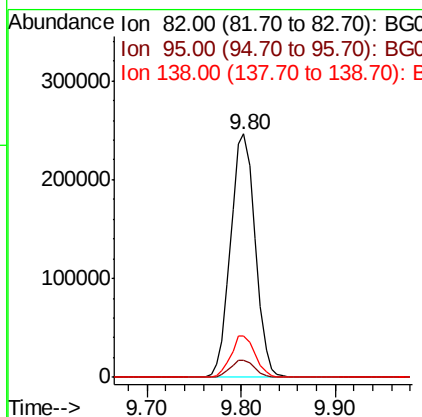
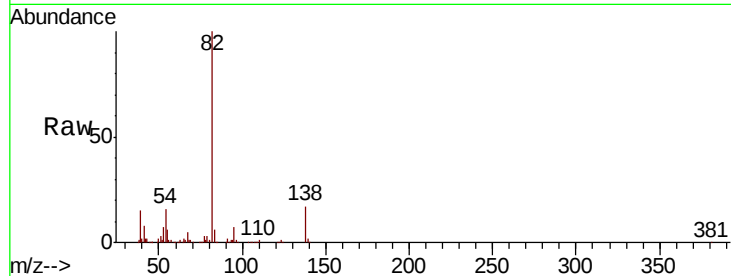
ClientSampleId :

PB118375BS

Tot Ion:	82	Resp:	447485
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.1	9.1
138	17.2	13.2	19.8

Manual Integrations
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3/29/2019 4:45:40 PM



#26

2-Nitrophenol

Concen: 42.214 ng

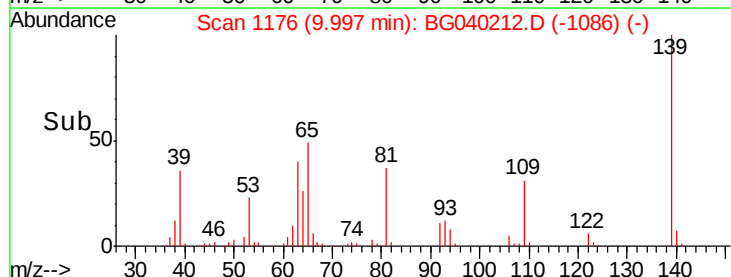
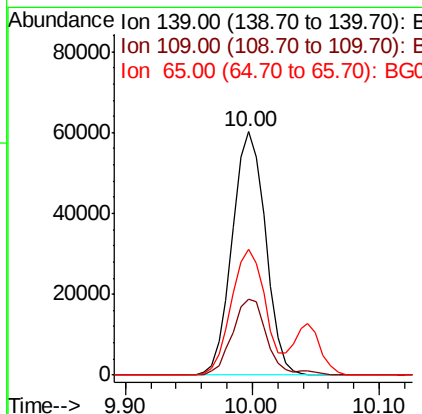
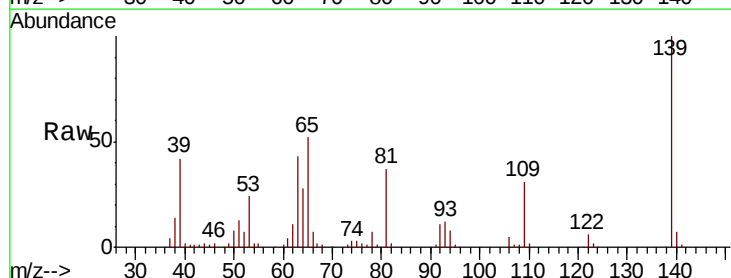
RT: 10.00 min Scan# 1176

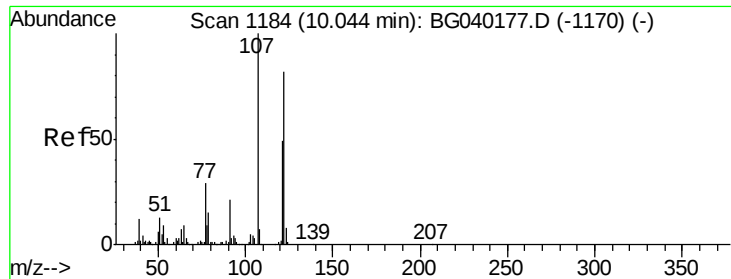
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	139	Resp:	109359
Ion Ratio	Lower	Upper	
139	100		
109	31.0	24.1	36.1
65	51.7	43.0	64.6





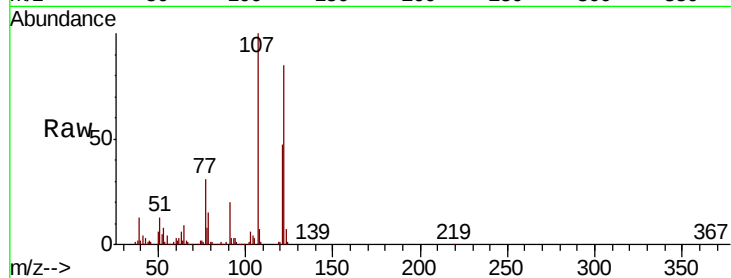
#27
2,4-Dimethylphenol
Concen: 48.495 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	97.4	146.2
121	55.5	47.7	71.5

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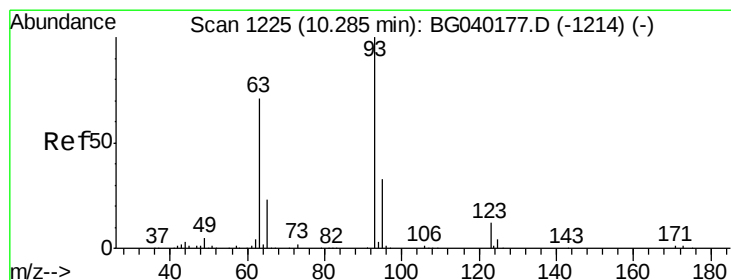
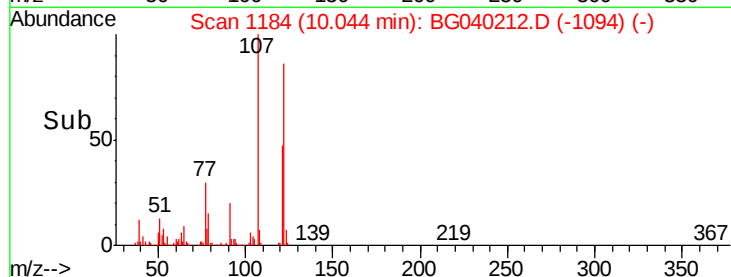
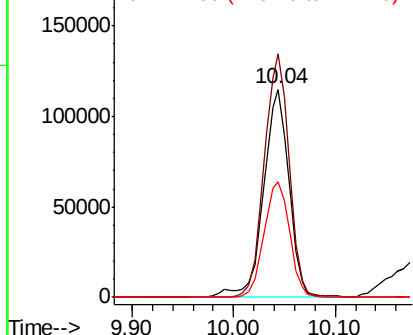


Abundance

Ion 122.00 (121.70 to 122.70): E

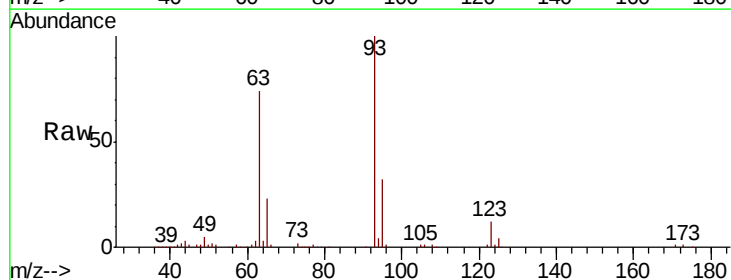
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.745 ng
RT: 10.28 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.4
123	12.3	9.4	14.0

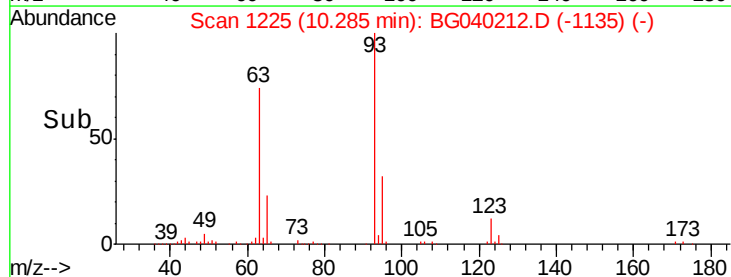
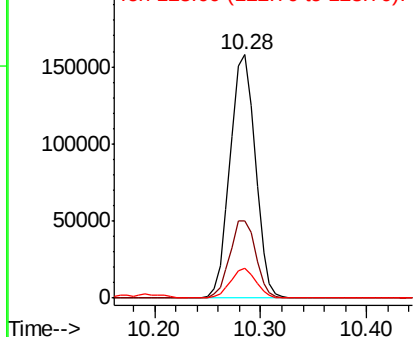


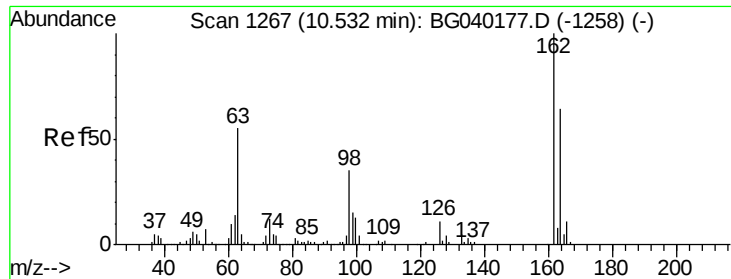
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





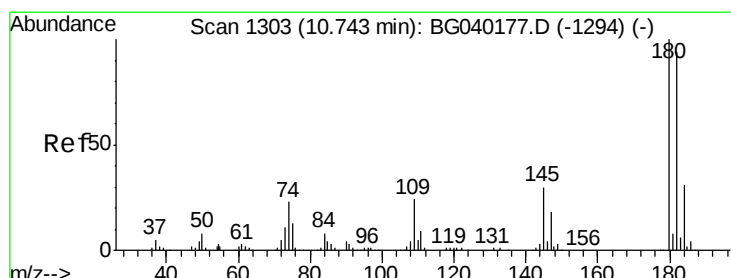
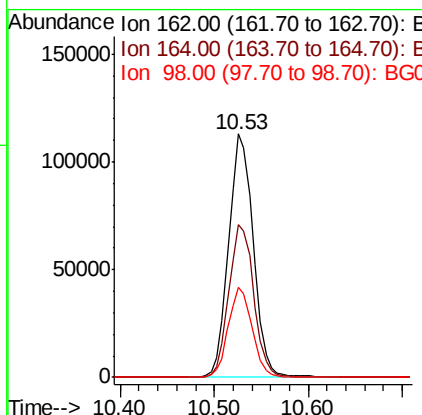
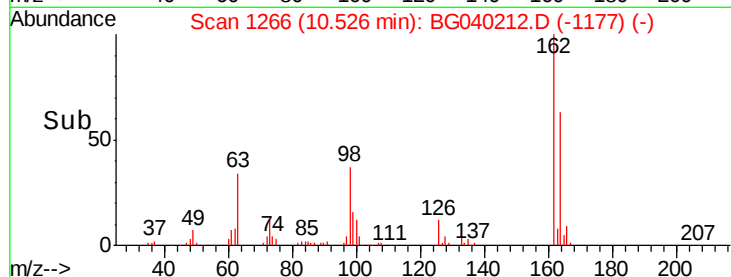
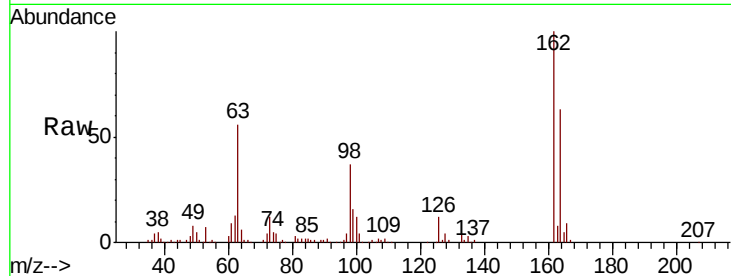
#29
2,4-Dichlorophenol
Concen: 46.263 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampled :
PB118375BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.9	83.9
98	37.0	15.6	55.6

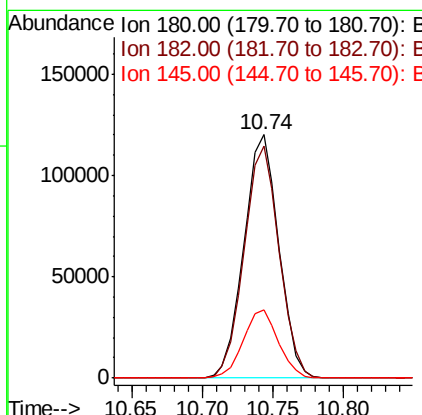
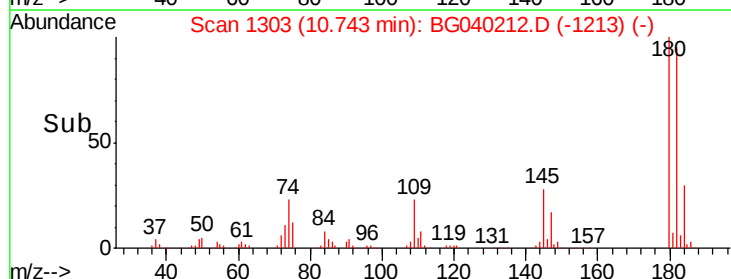
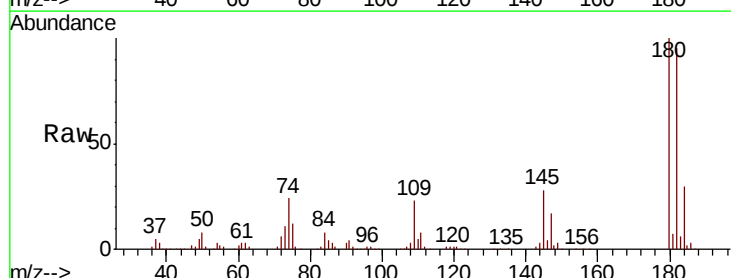
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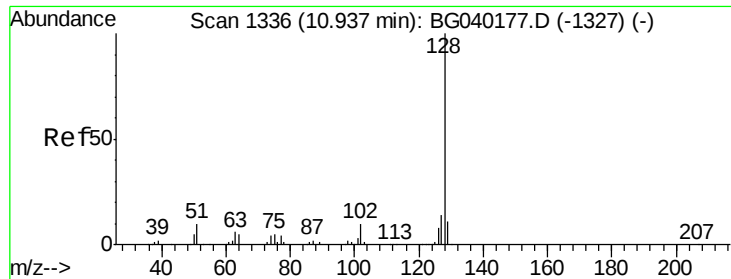
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3/29/2019 4:45:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.377 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.1	112.7
145	28.0	24.1	36.1





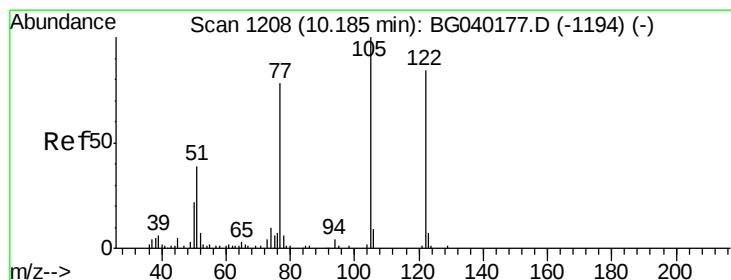
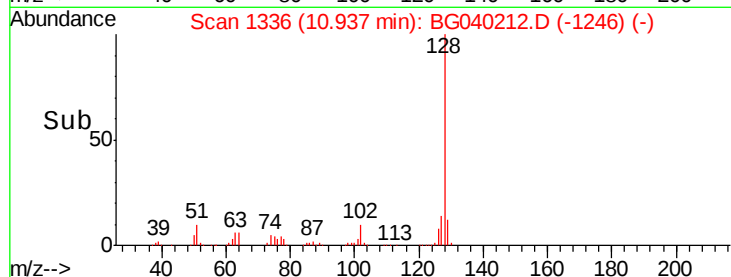
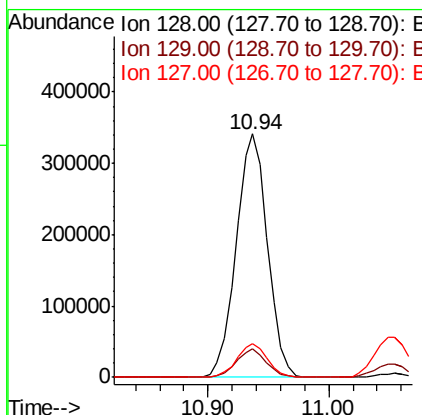
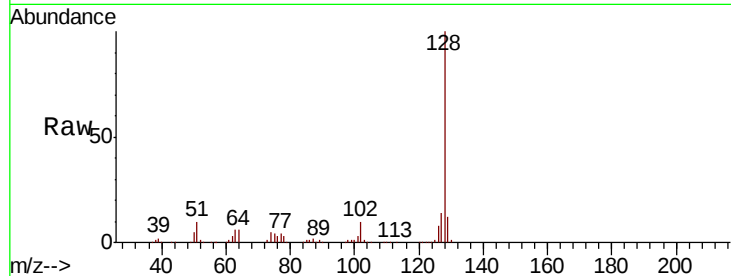
#31
Naphthalene
Concen: 42.558 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.7	11.4	17.0

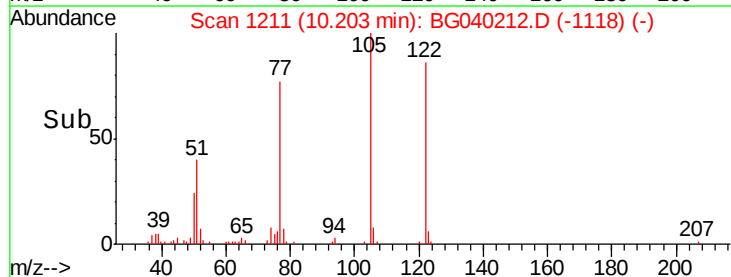
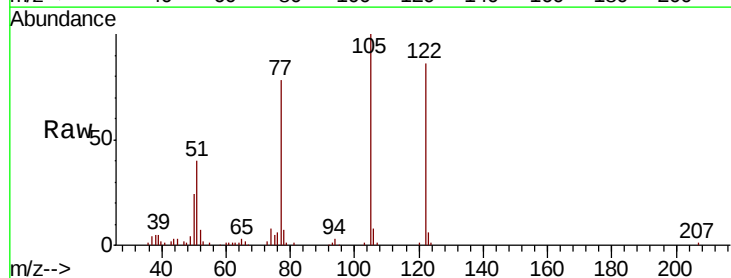
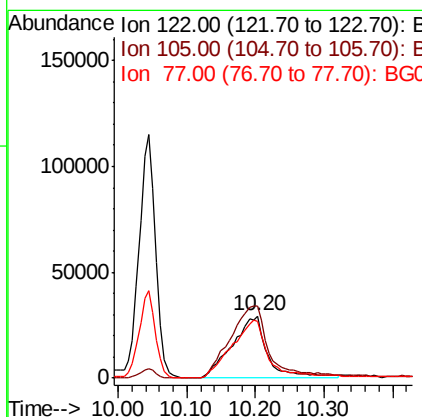
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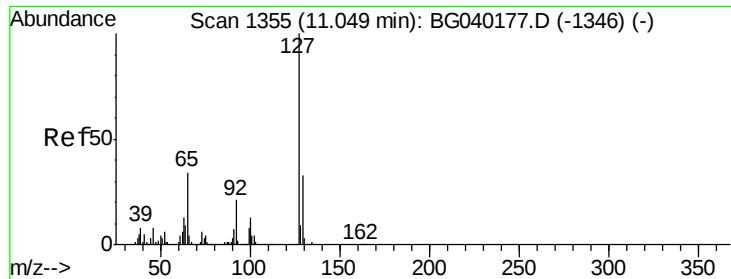
Sohil
3/29/2019 4:45:40 PM



#32
Benzoic acid
Concen: 41.719 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	98.2	138.2
77	90.9	73.6	113.6





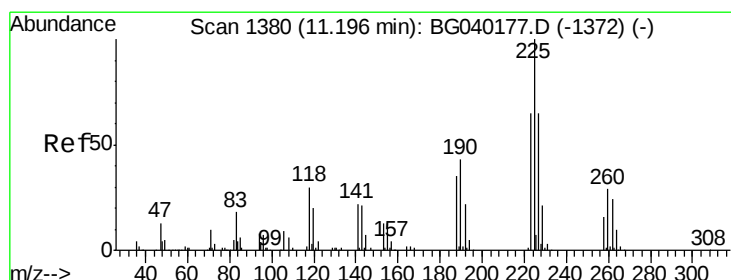
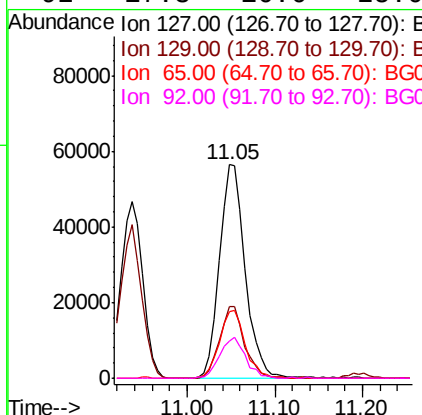
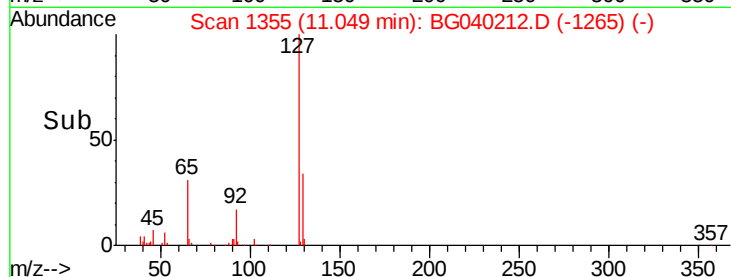
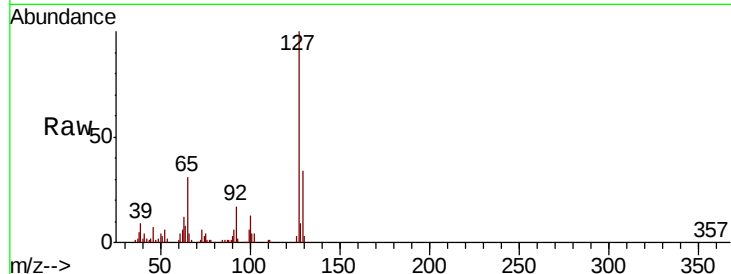
#33
4-Chloroaniline
Concen: 18.755 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.6	40.0		
65	31.0	27.0	40.4		
92	17.3	16.6	25.0		

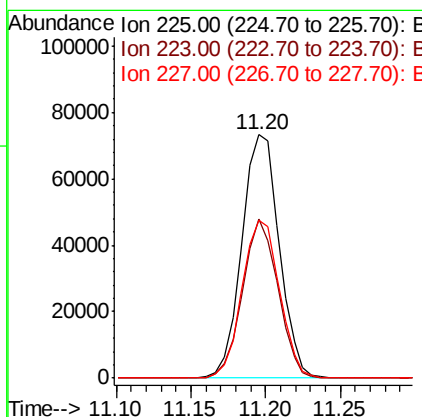
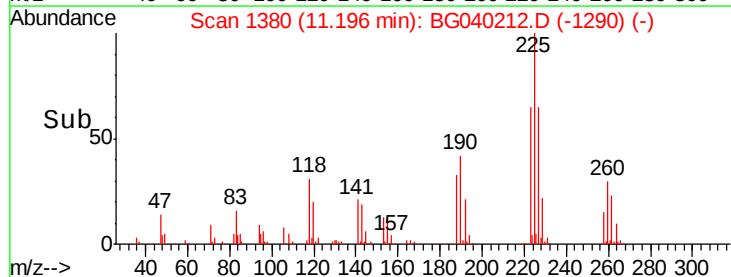
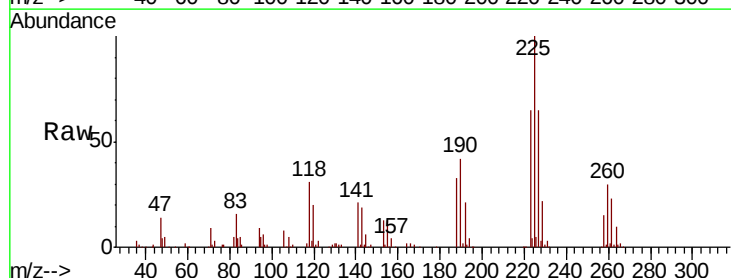
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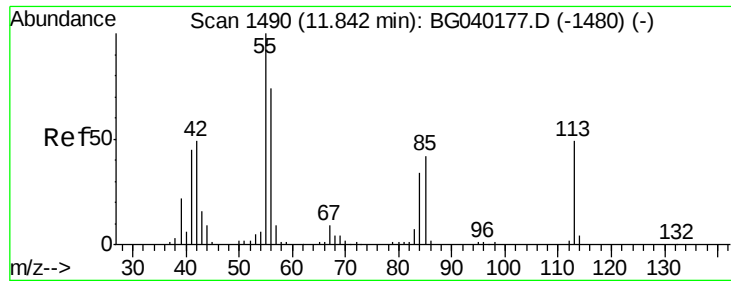
Sohil
3/29/2019 4:45:40 PM



#34
Hexachlorobutadiene
Concen: 40.273 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	51.8	77.8		
227	64.7	54.9	82.3		





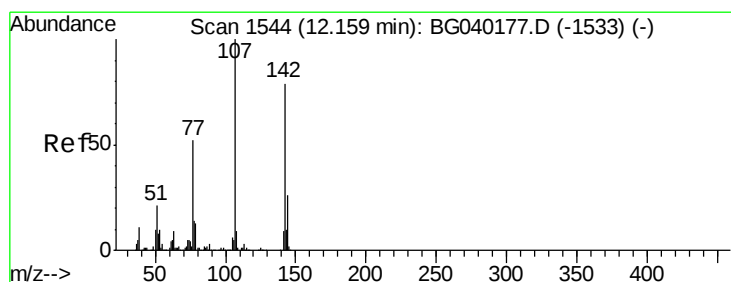
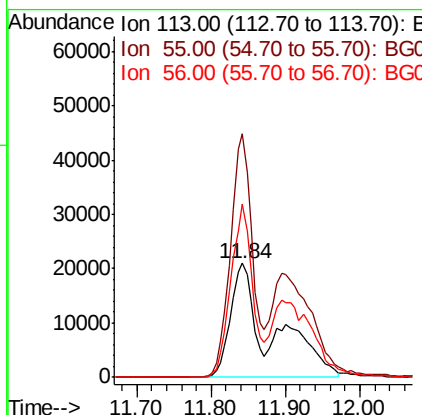
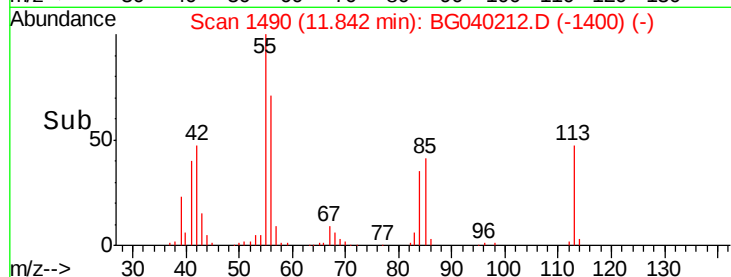
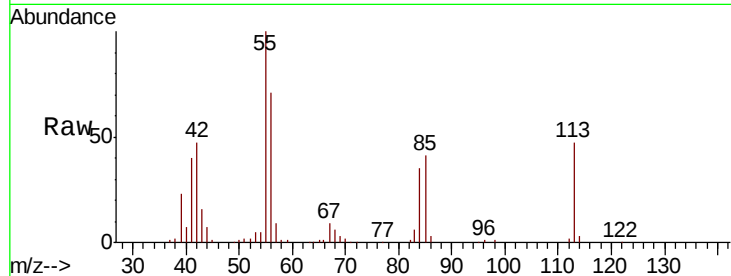
#35
 Caprolactam
 Concen: 44.686 ng/ml
 RT: 11.84 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleID :
 PB118375BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.3	184.2	224.2
56	151.5	131.3	171.3

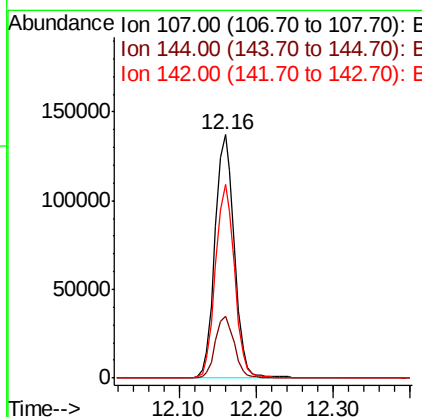
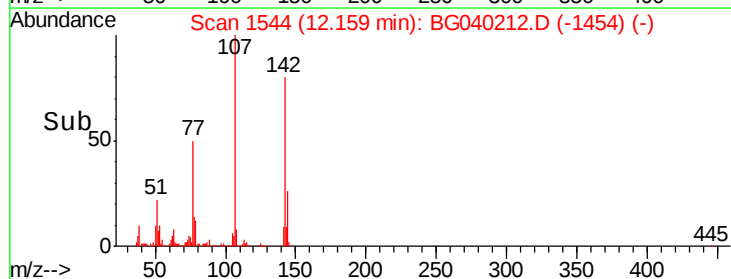
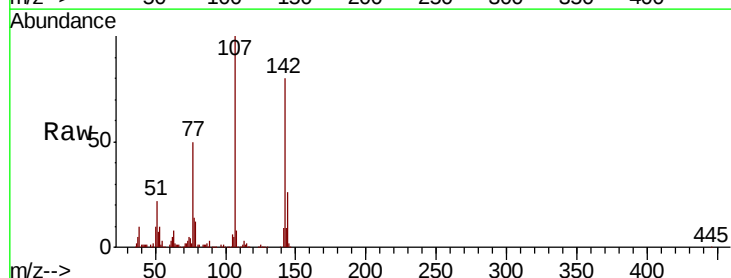
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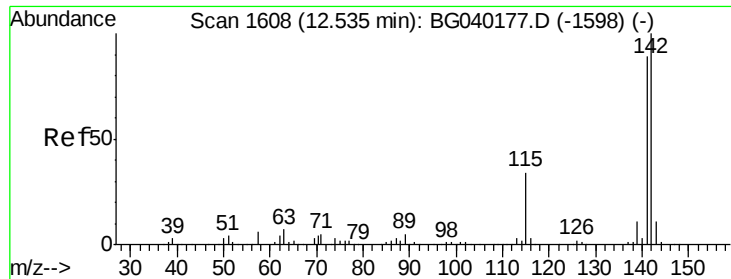
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 3/29/2019 4:45:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.153 ng/ml
 RT: 12.16 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	79.6	63.1	94.7





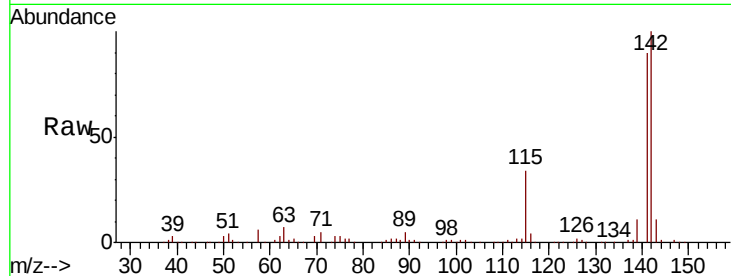
#37
2-Methylnaphthalene
Concen: 43.425 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.4	27.3	40.9

Manual Integrations
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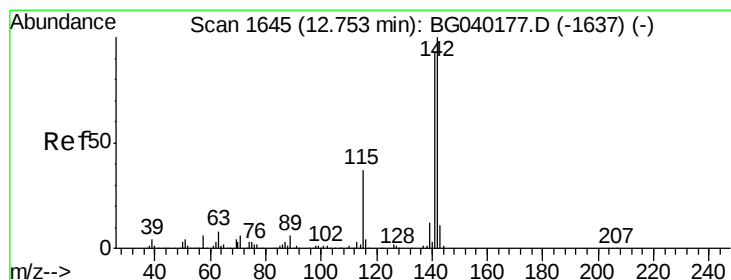
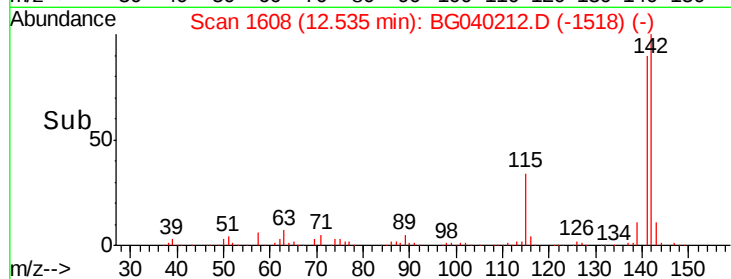
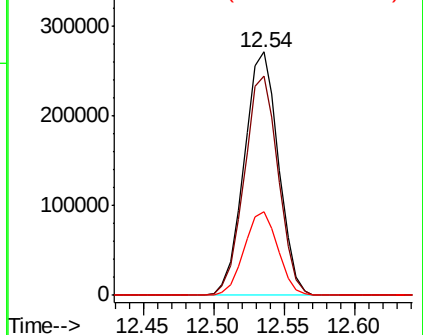


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.878 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

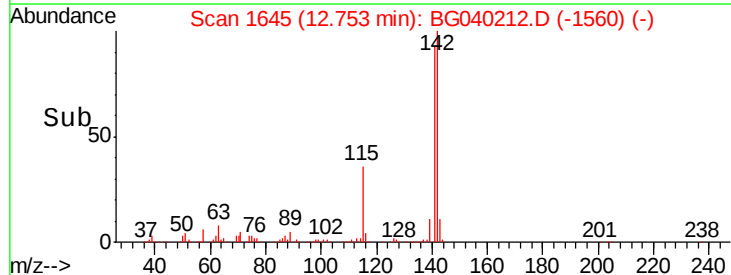
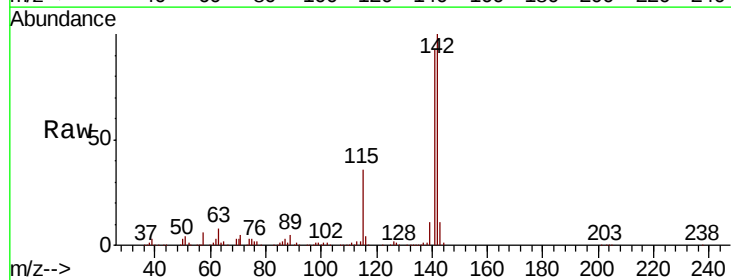
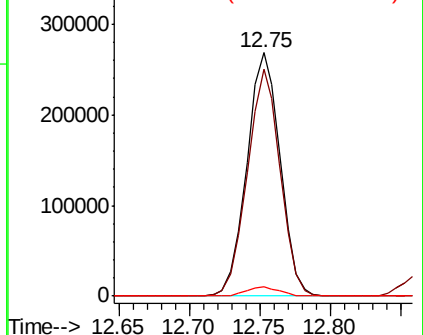
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.7	3.0	4.4

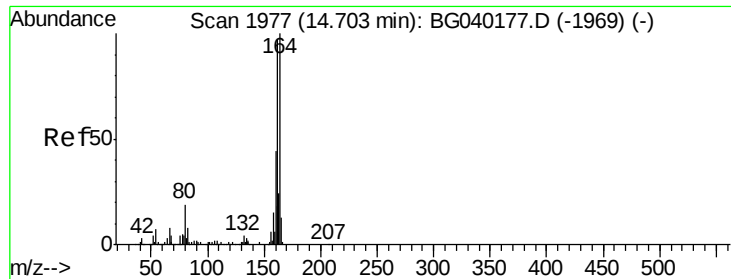
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





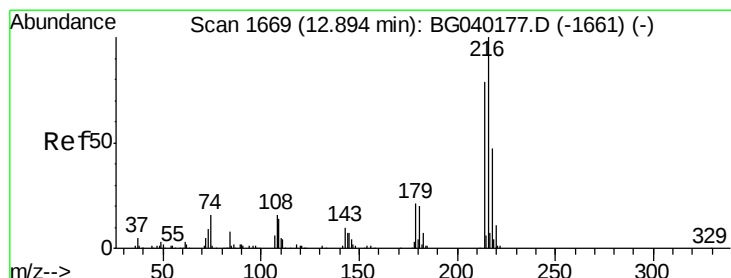
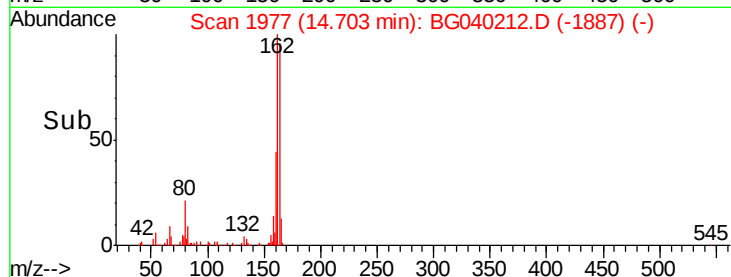
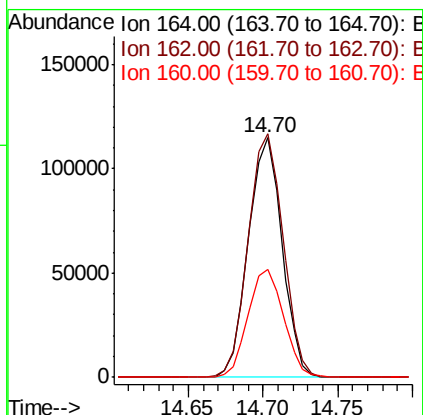
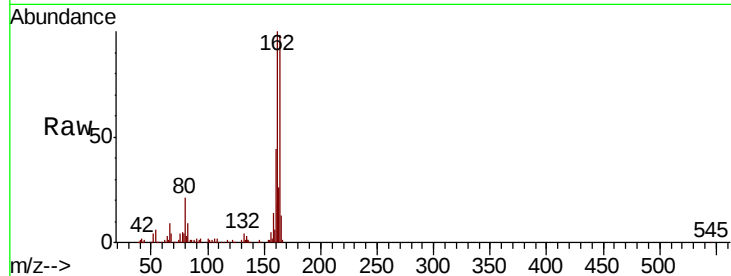
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	77.4	116.2
160	44.8	35.3	52.9

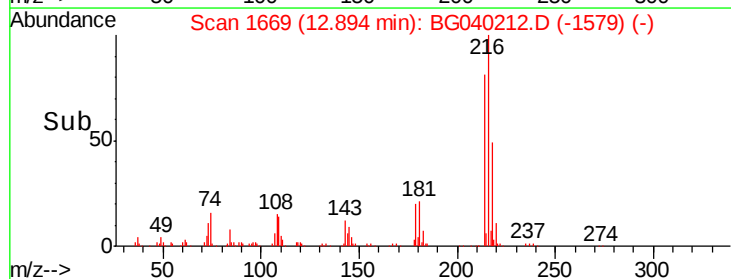
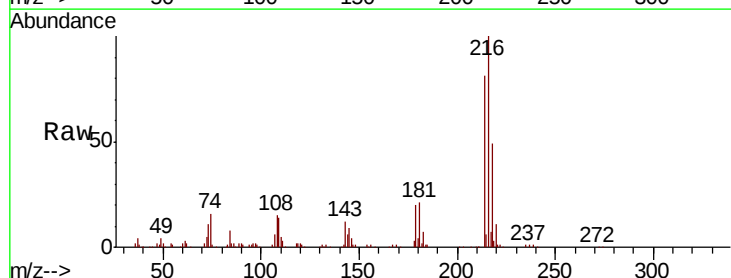
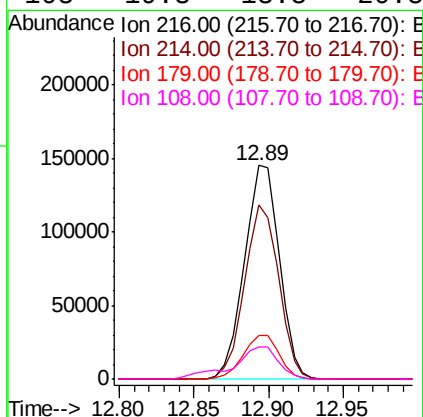
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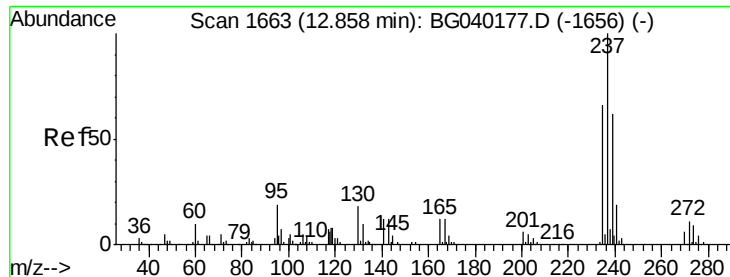
Sohil
3/29/2019 4:45:40 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.271 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	20.9	16.6	25.0
108	19.3	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 93.732 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

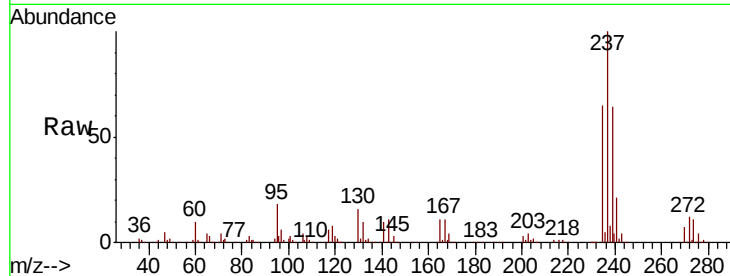
ClientSampleId :

PB118375BS

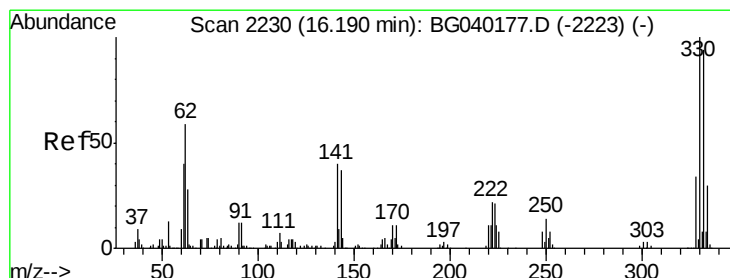
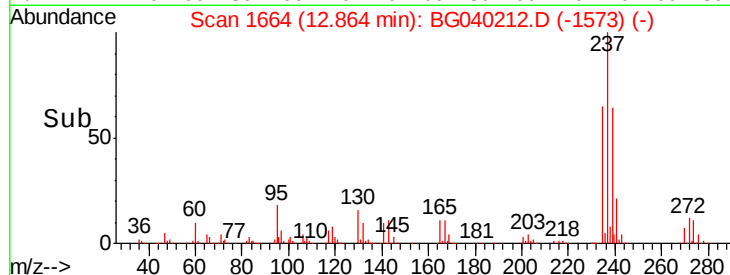
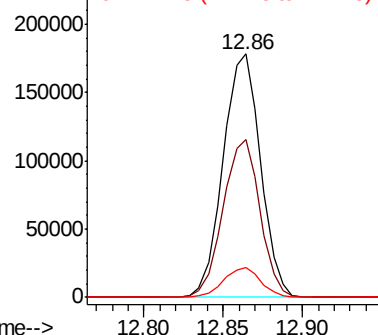
Tot Ion:	237	Resp:	292487
Ion Ratio	Lower	Upper	
237	100		
235	64.8	46.2	86.2
272	12.5	0.0	30.5

Manual Integrations
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3/29/2019 4:45:40 PM



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: 157.431 ng

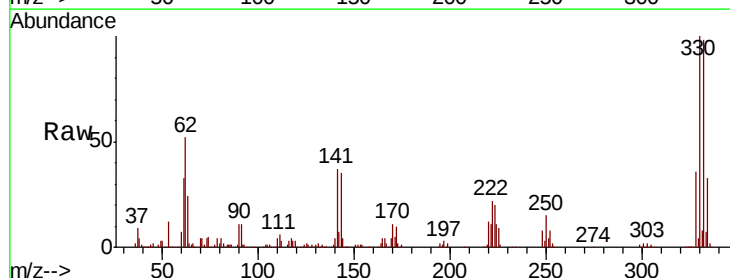
RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

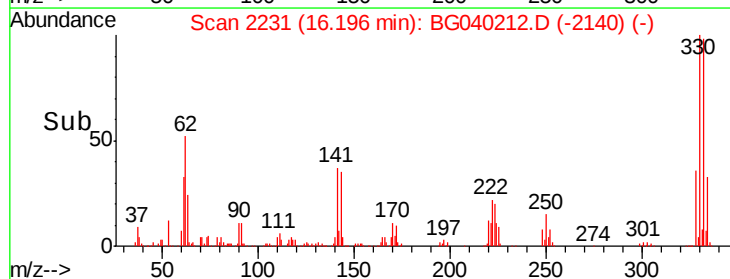
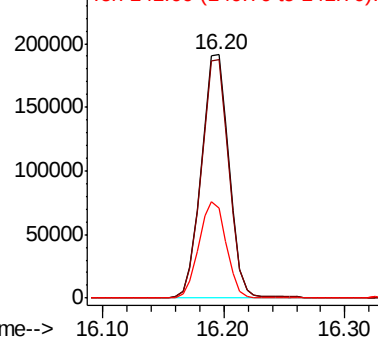
Lab File: BG040212.D

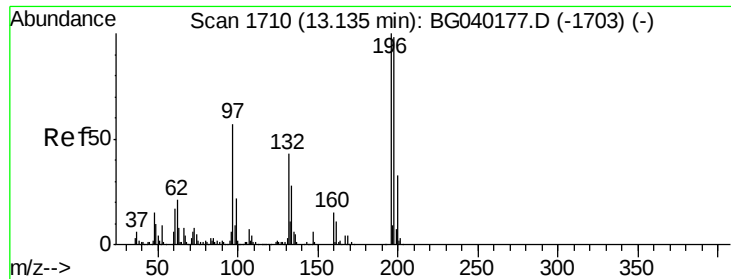
Acq: 28 Mar 2019 23:44

Tgt Ion:	330	Resp:	304229
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.6	115.0
141	39.2	32.6	48.8



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





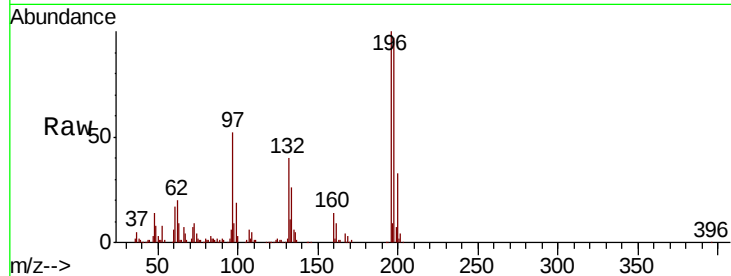
#43
2,4,6-Trichlorophenol
Concen: 46.149 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169096		
198	96.5	78.3	117.5	
200	33.2	26.0	39.0	

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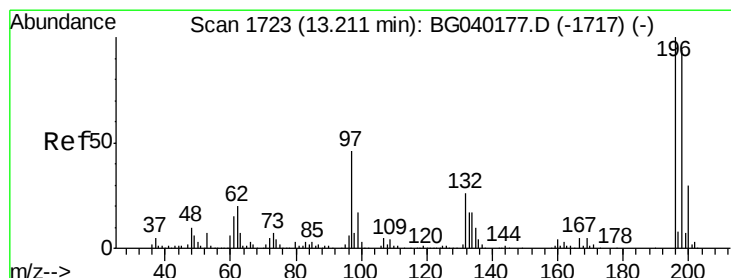
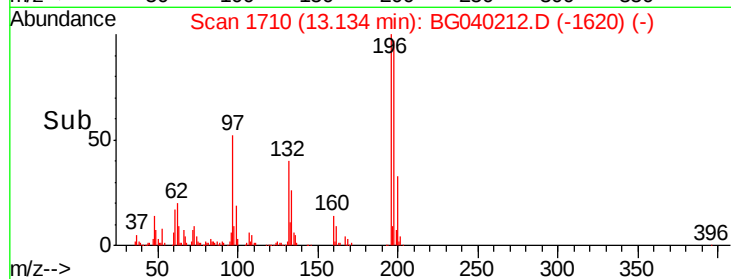
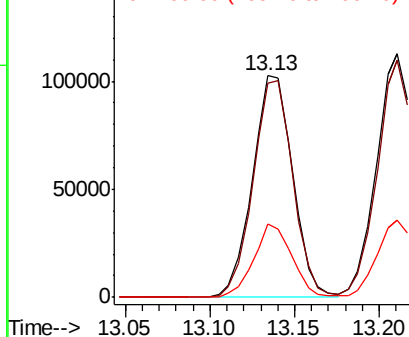


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 45.597 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182106		
198	97.2	75.0	112.6	
97	43.8	37.3	55.9	
132	26.1	20.9	31.3	

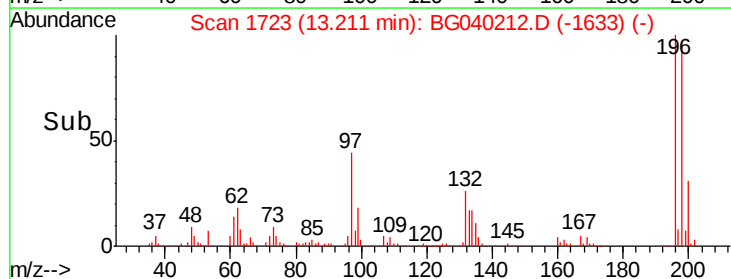
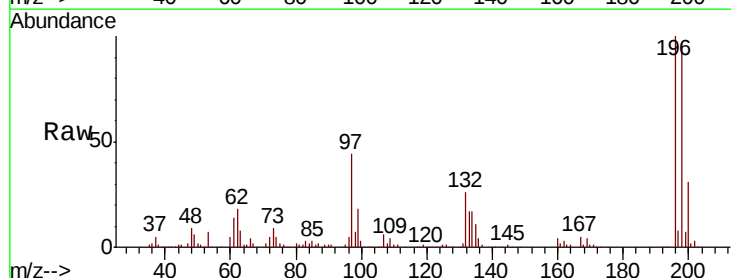
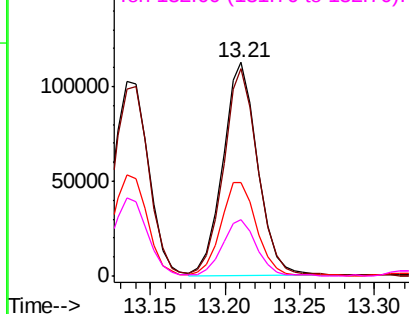
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





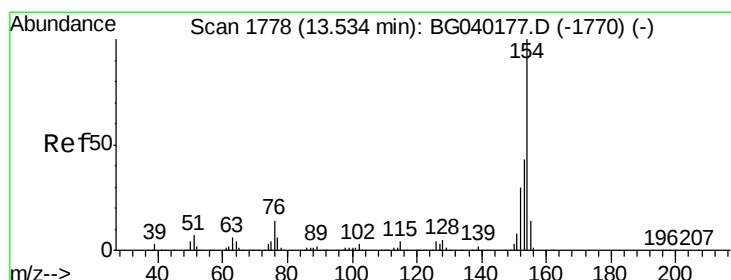
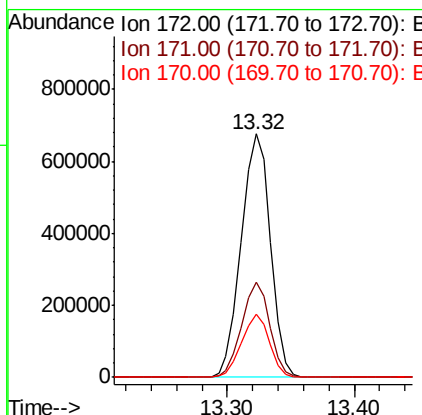
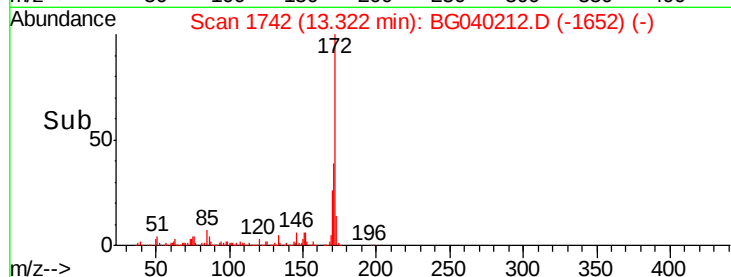
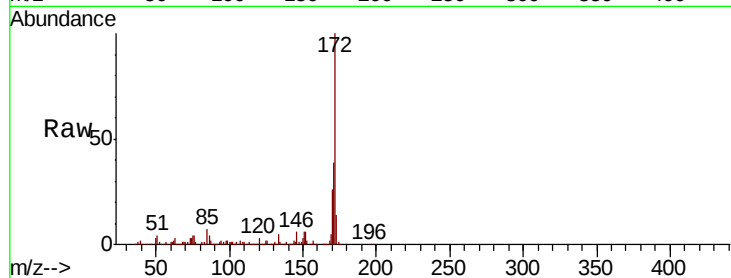
#45
2-Fluorobiphenyl
Concen: 89.459 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.7	20.1	30.1

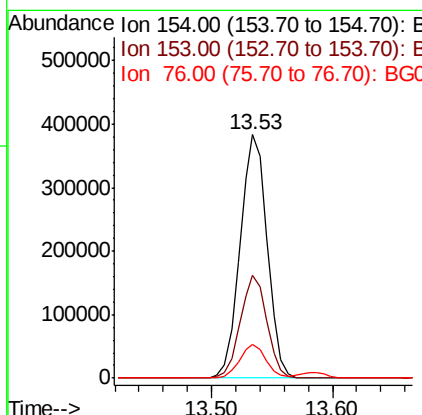
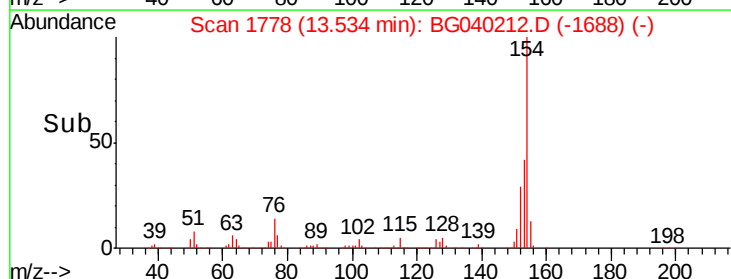
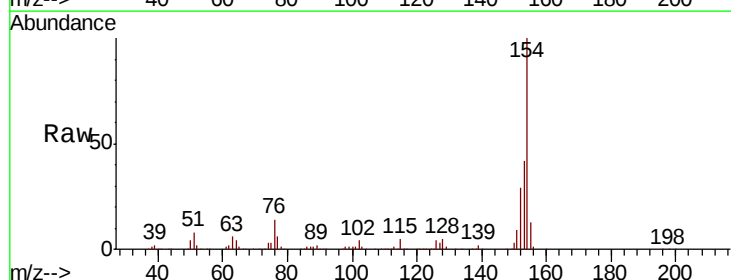
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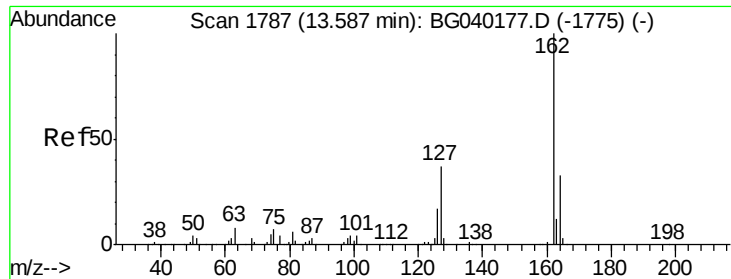
Sohil
3/29/2019 4:45:40 PM



#46
1,1'-Biphenyl
Concen: 42.151 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.5	62.5
76	13.8	0.0	33.7





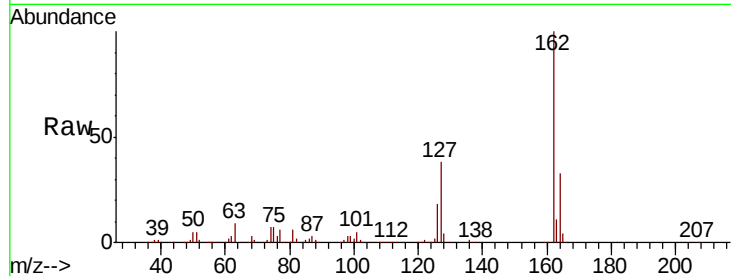
#47
 2-Chloronaphthalene
 Concen: 42.948 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.6	45.8
164	32.7	26.2	39.4

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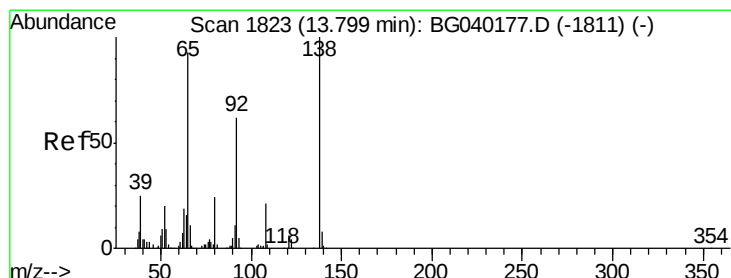
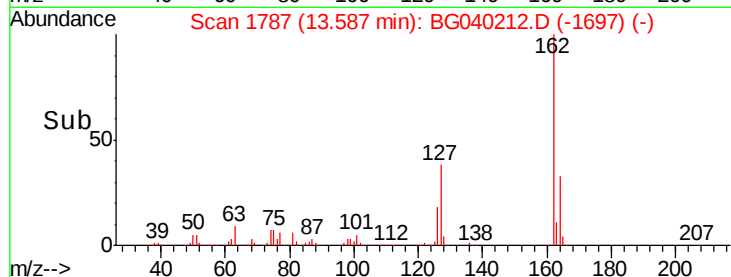
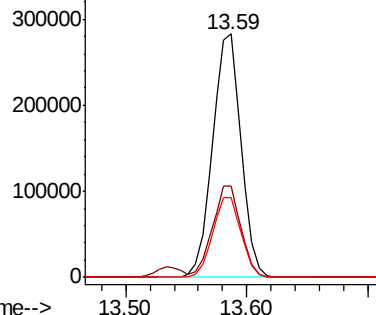


Abundance

Ion 162.00 (161.70 to 162.70): E

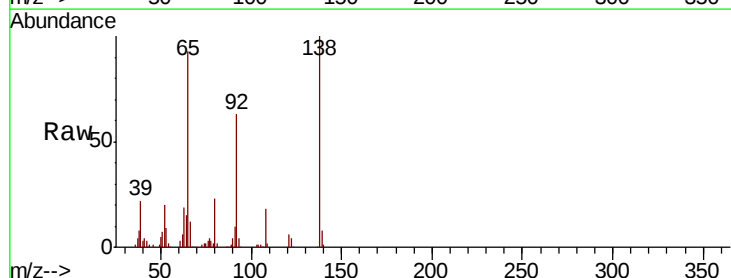
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.115 ng
 RT: 13.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.8	80.6
138	107.1	86.3	129.5

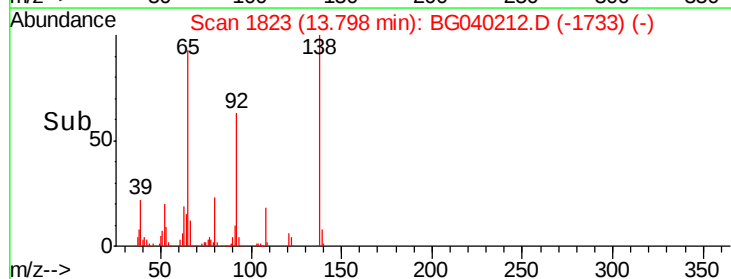
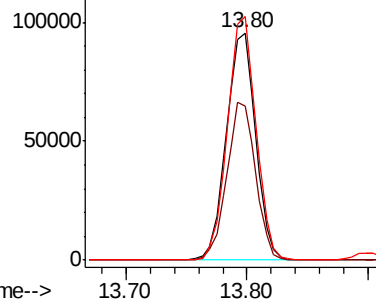


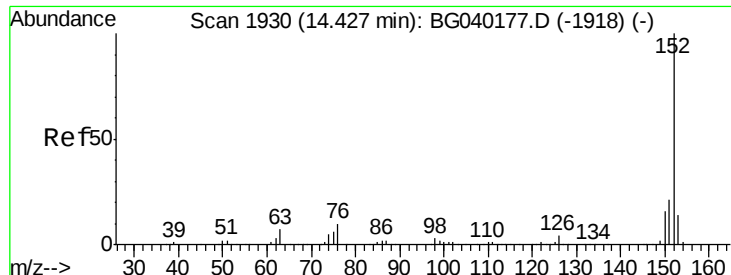
Abundance

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: 42.376 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

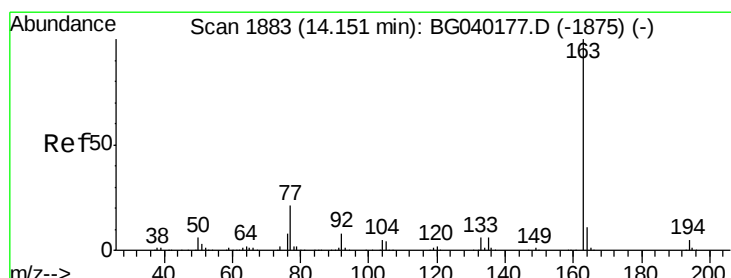
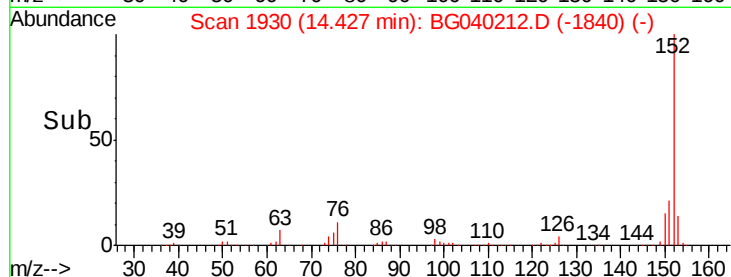
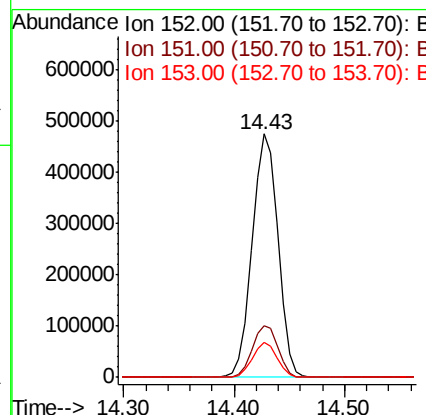
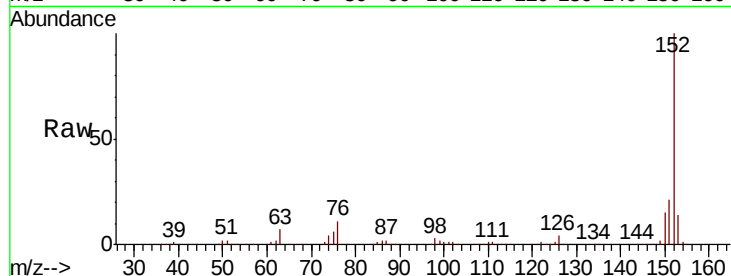
ClientSampleId :

PB118375BS

Tot Ion:	152	Resp:	778627
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.6
153	14.4	10.8	16.2

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#50

Dimethylphthalate

Concen: 44.867 ng

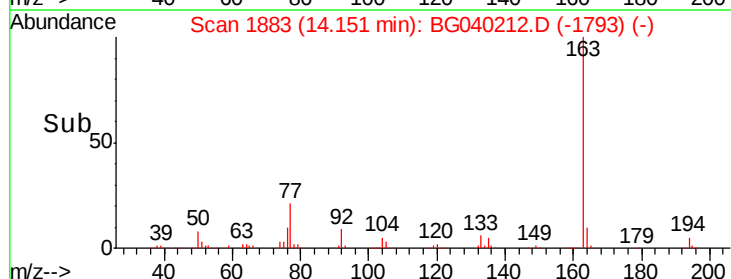
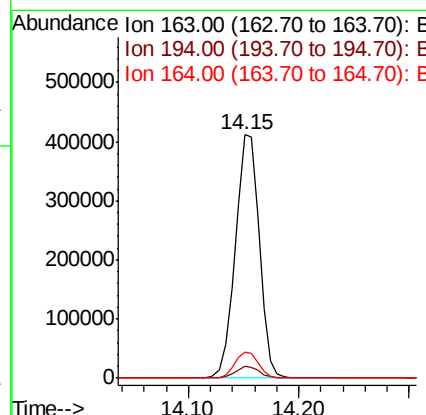
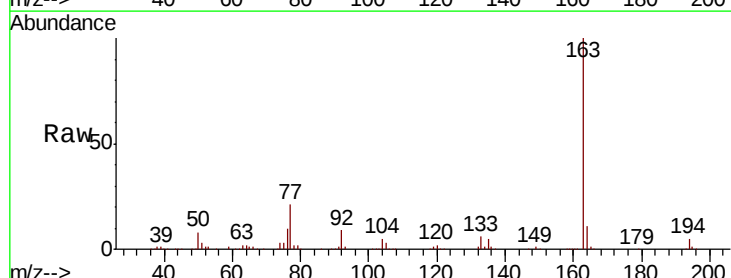
RT: 14.15 min Scan# 1883

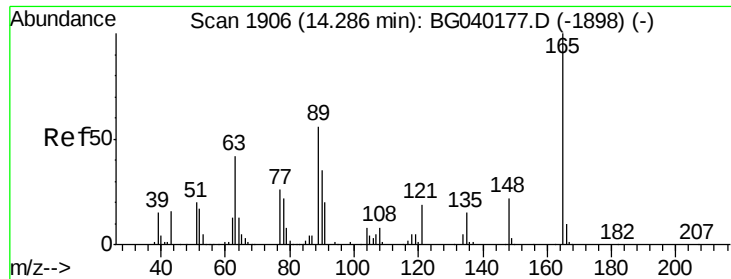
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	163	Resp:	627887
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.1	6.1
164	10.6	8.6	13.0





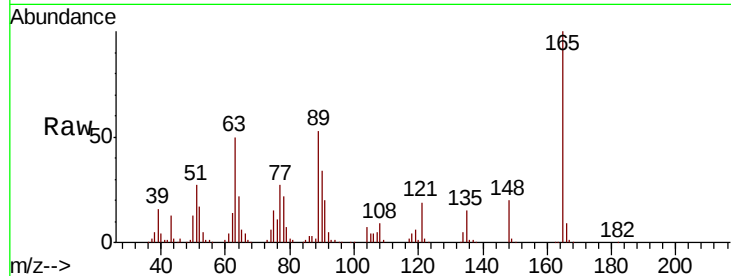
#51
2,6-Dinitrotoluene
Concen: 46.106 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampled :
PB118375BS

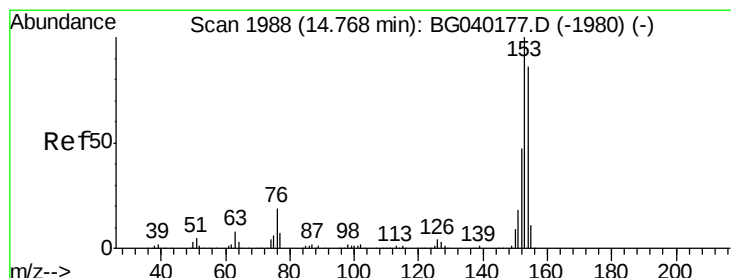
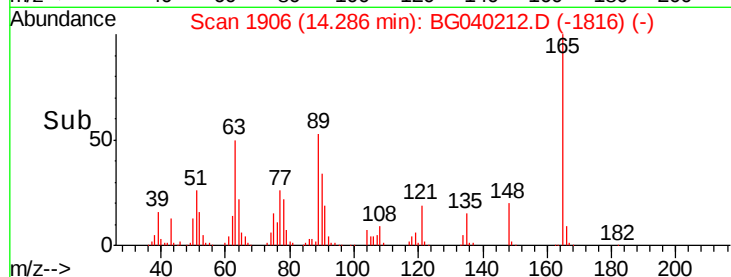
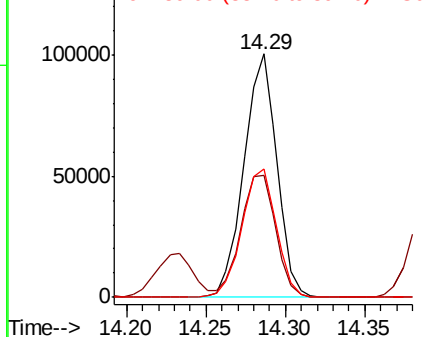
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	44.1	66.1
89	52.9	44.9	67.3

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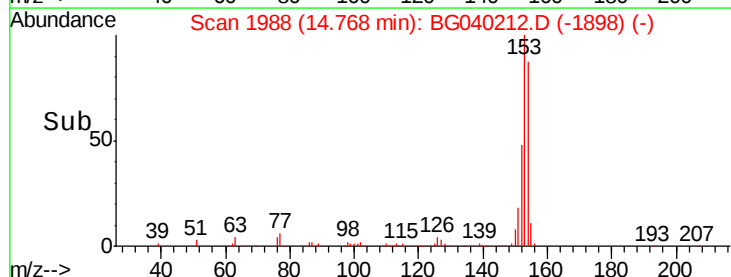
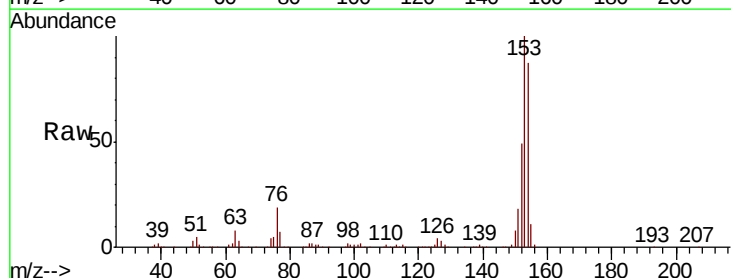
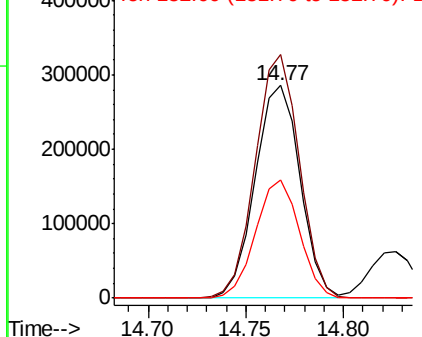
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

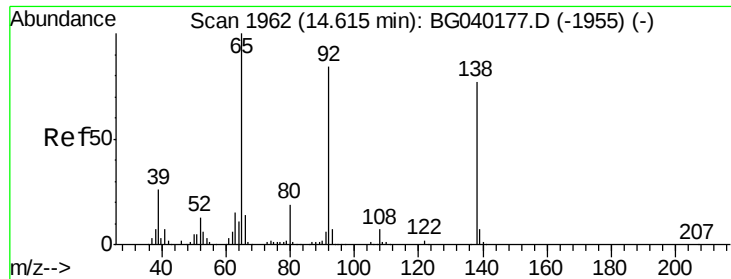


#52
Acenaphthene
Concen: 43.211 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.8	139.2
152	55.8	43.4	65.2

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





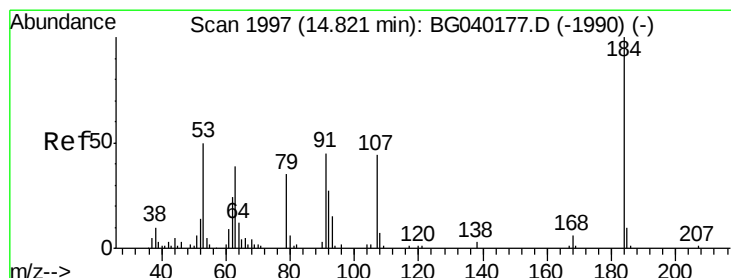
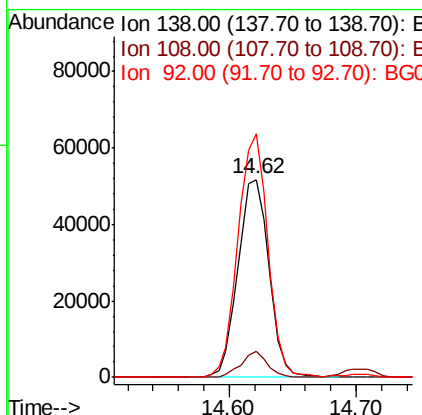
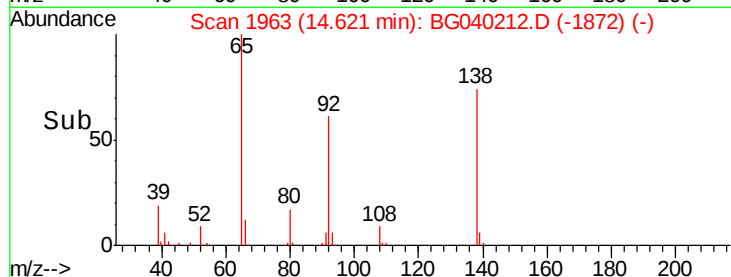
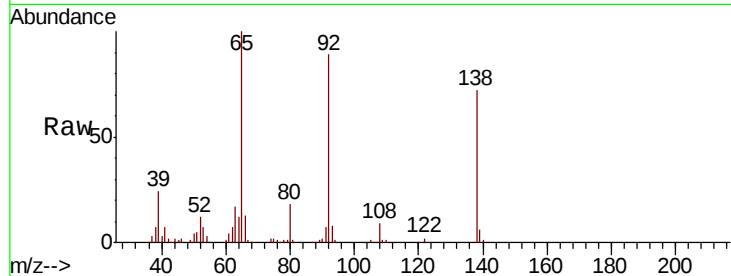
#53
3-Nitroaniline
Concen: 26.411 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion:138 Resp: 87845
Ion Ratio Lower Upper
138 100
108 13.1 7.8 11.8#
92 123.0 87.5 131.3

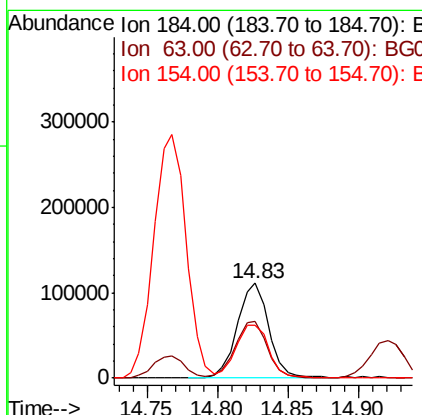
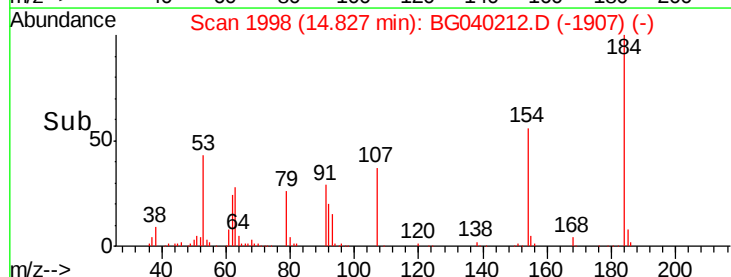
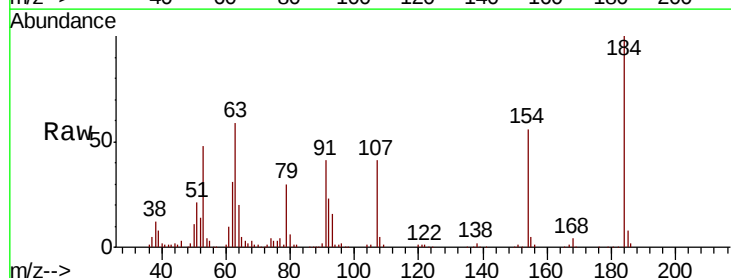
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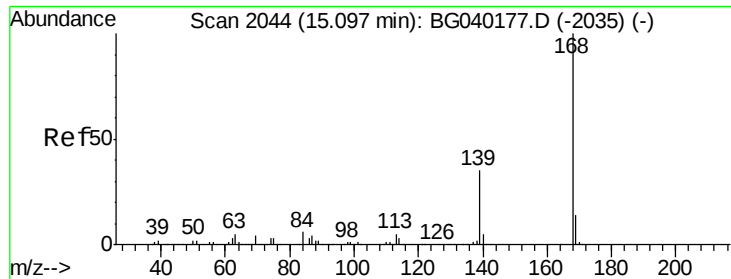
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#54
2,4-Dinitrophenol
Concen: 104.205 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:184 Resp: 174137
Ion Ratio Lower Upper
184 100
63 59.4 51.8 77.8
154 56.4 50.9 76.3





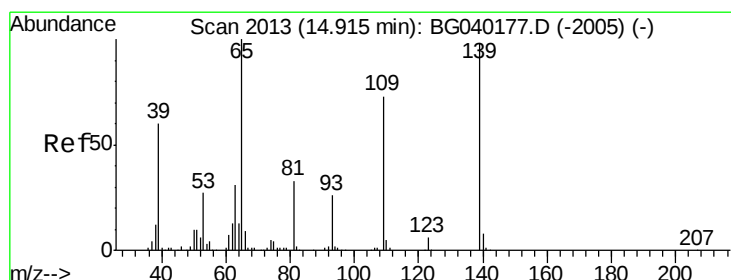
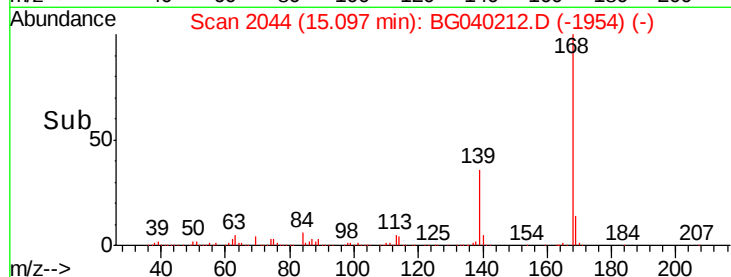
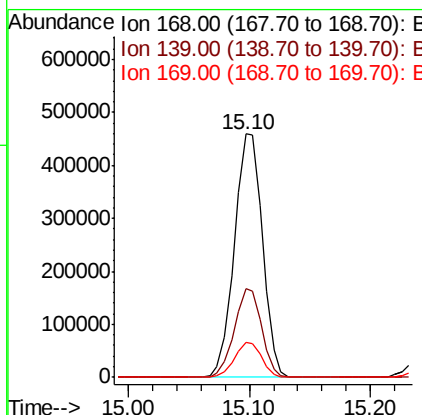
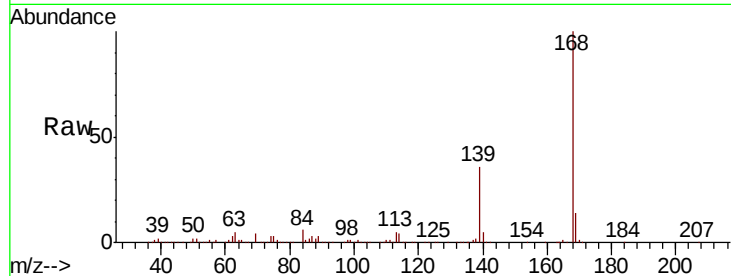
#55
Dibenzofuran
Concen: 43.946 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	27.9	41.9
169	14.4	11.3	16.9

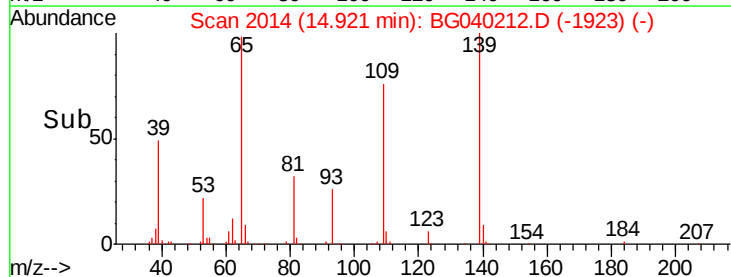
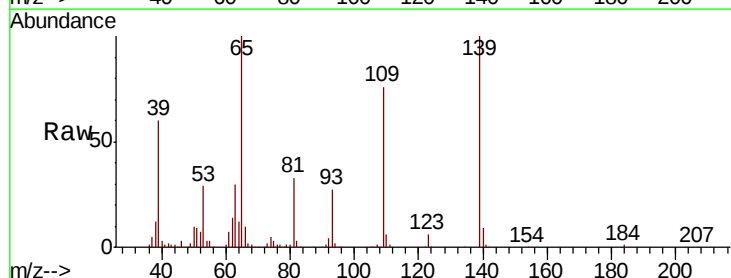
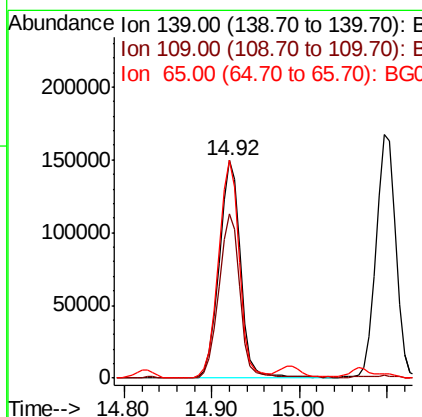
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#56
4-Nitrophenol
Concen: 94.507 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	54.3	94.3
65	100.0	82.5	122.5





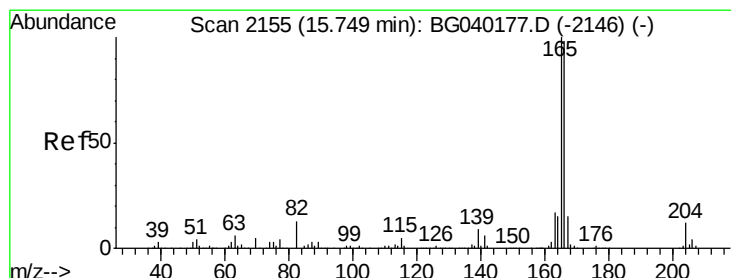
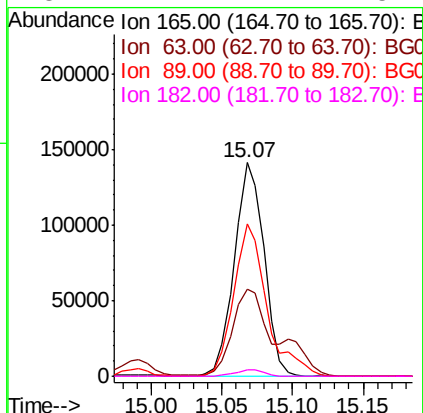
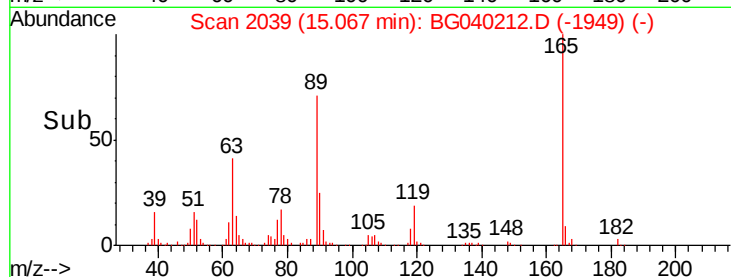
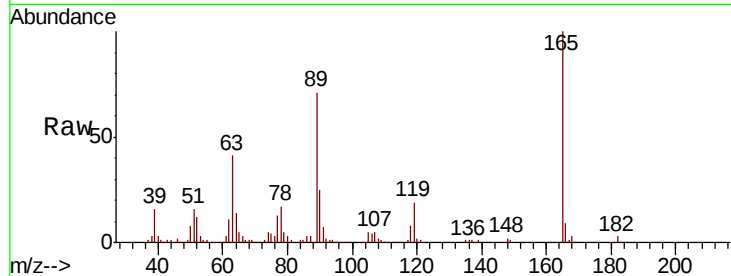
#57
2,4-Dinitrotoluene
Concen: 47.442 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	207139		
63	40.6		33.8	50.6
89	71.1		55.4	83.2
182	2.7		2.2	3.4

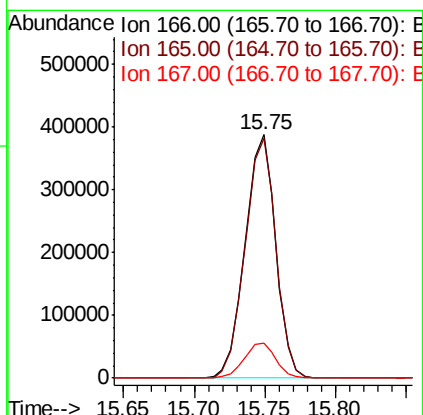
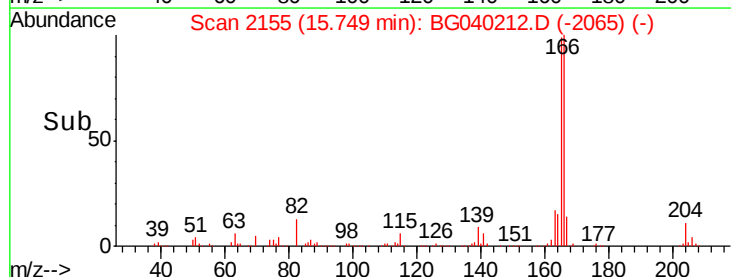
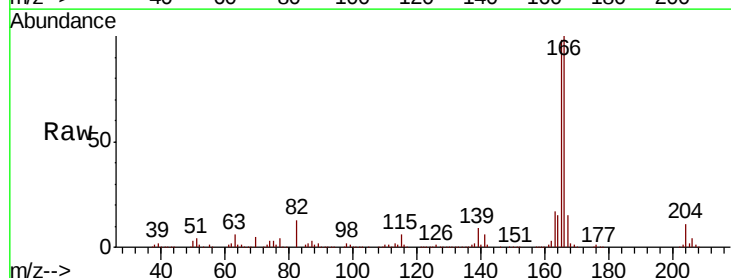
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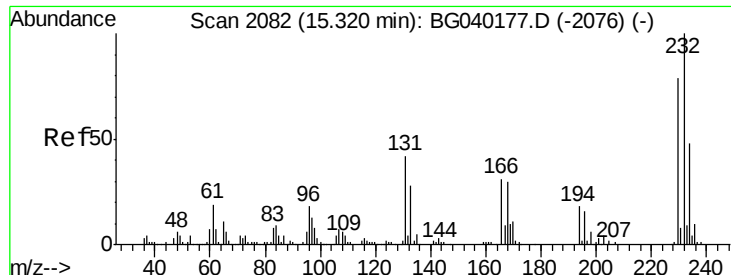
Sohil
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#58
Fluorene
Concen: 44.291 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	589132		
165	98.4		81.7	122.5
167	14.6		11.9	17.9





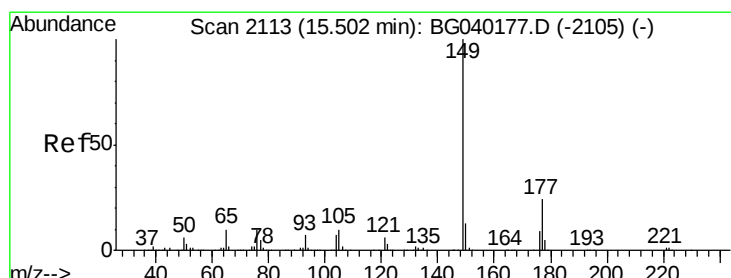
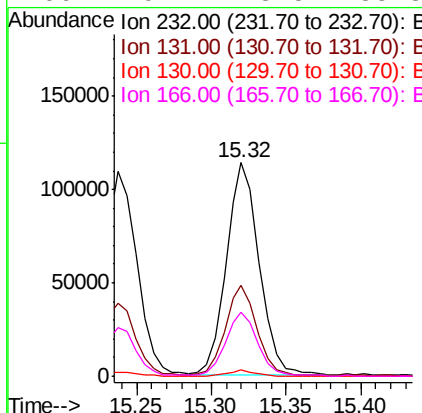
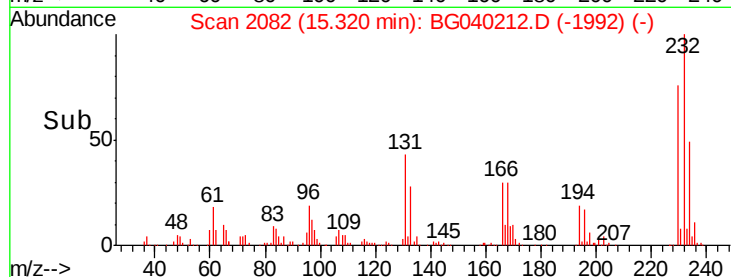
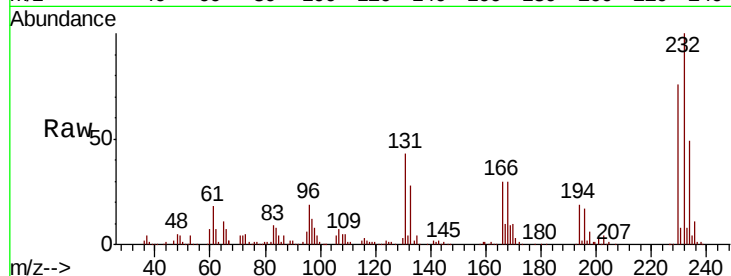
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.236 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	174815		
131	40.9		32.9	49.3
130	2.3		1.8	2.8
166	29.4		23.5	35.3

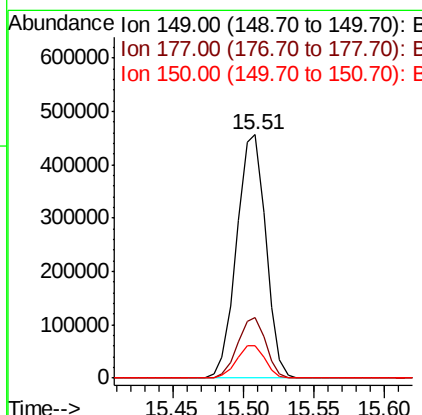
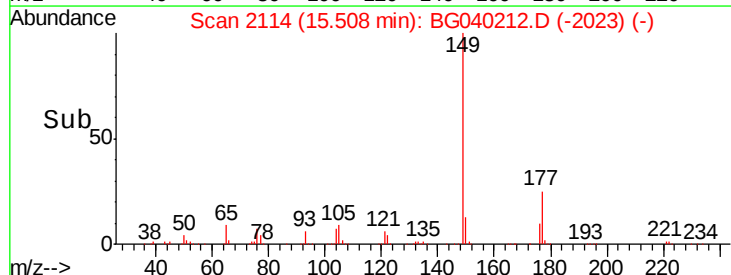
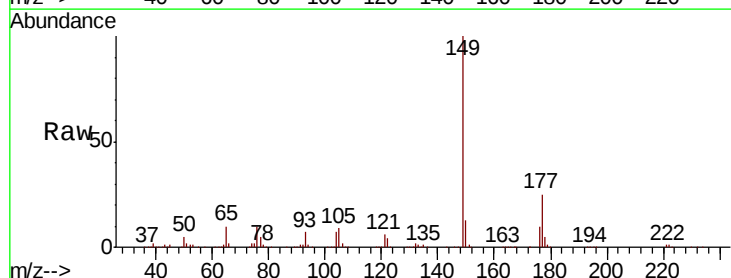
Manual Integrations
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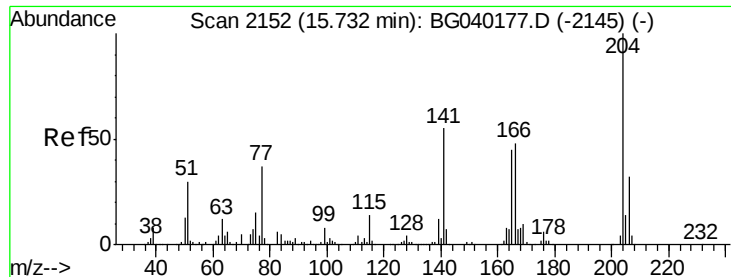
Sohil
 3/29/2019 4:45:40 PM



#60
 Diethylphthalate
 Concen: 45.880 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. 0.01 min
 Lab File: BG040212.D
 Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	657009		
177	24.9		19.1	28.7
150	13.2		10.6	15.8





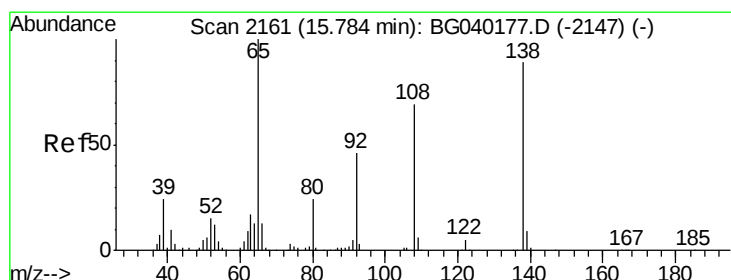
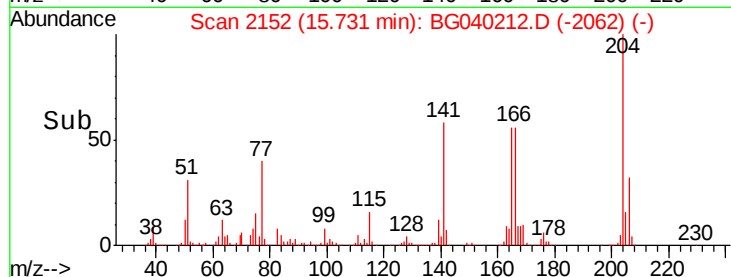
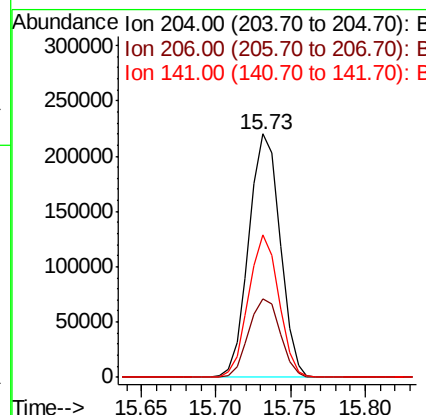
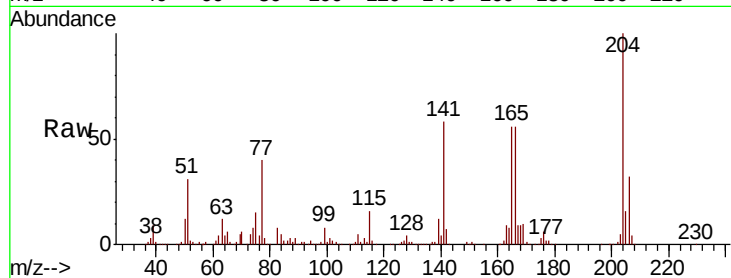
#61
4-Chlorophenyl-phenylether
Concen: 44.750 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.7	38.5
141	58.3	44.0	66.0

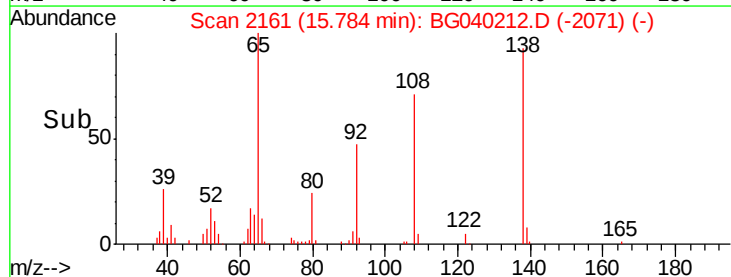
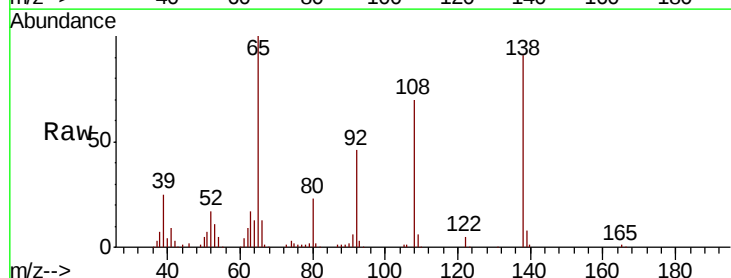
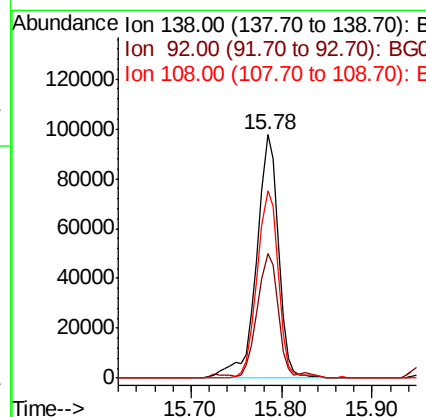
Manual Integrations
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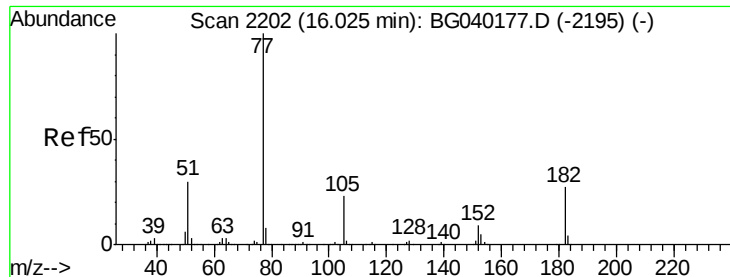
Sohil
3/29/2019 4:45:40 PM



#62
4-Nitroaniline
Concen: 45.762 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.8	71.8
108	76.8	57.2	97.2





#63

Azobenzene

Concen: 44.289 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

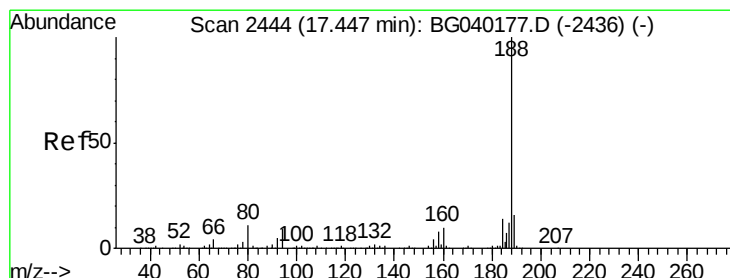
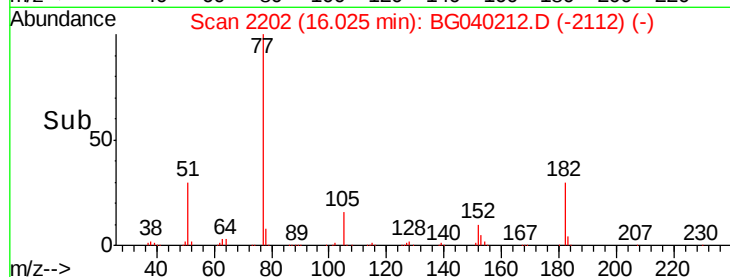
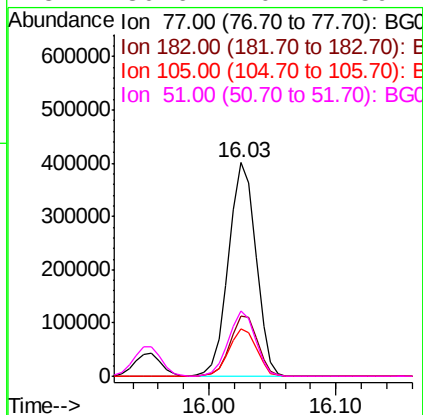
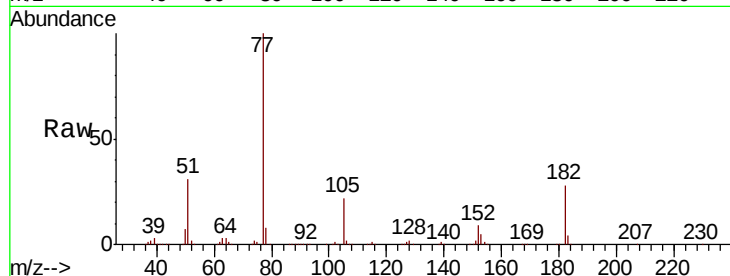
ClientSampleId :

PB118375BS

Tot Ion:	77	Resp:	598241
Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.2	47.2
105	22.1	2.8	42.8
51	30.6	10.4	50.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

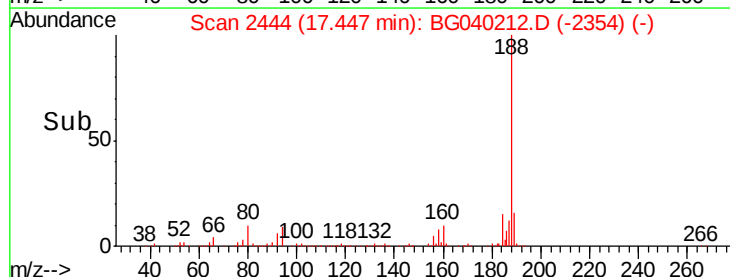
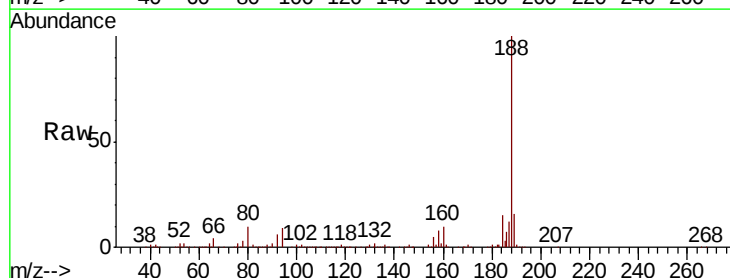
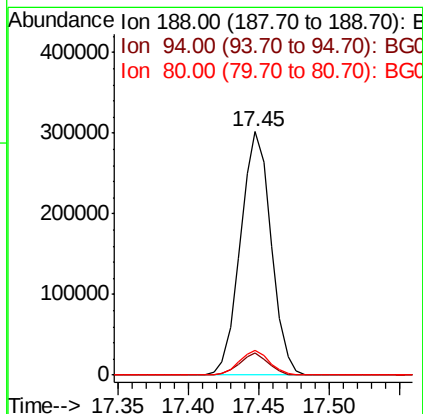
RT: 17.45 min Scan# 2444

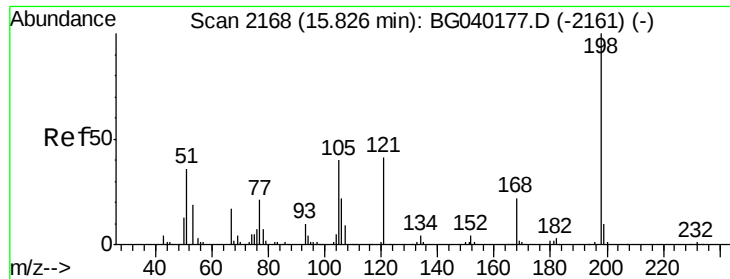
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	188	Resp:	458360
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.1	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 48.988 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

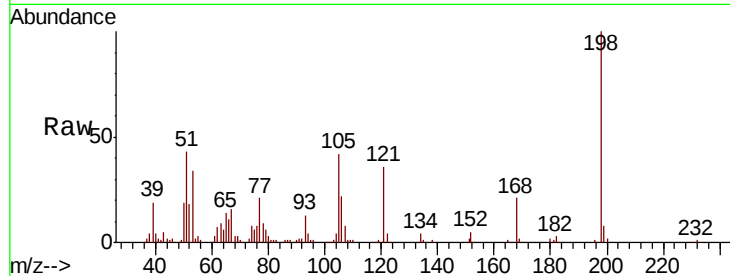
ClientSampleId :

PB118375BS

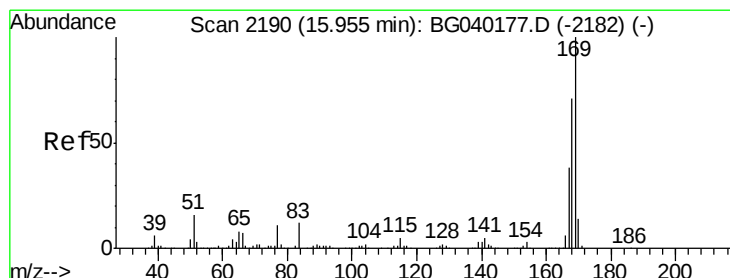
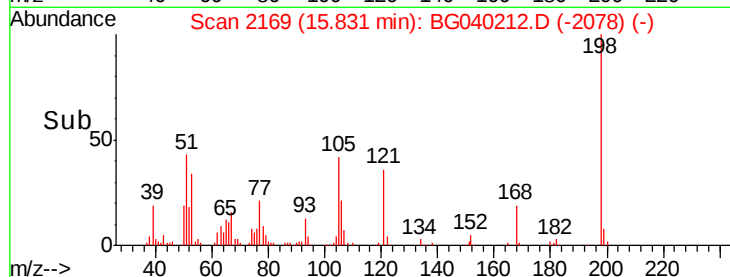
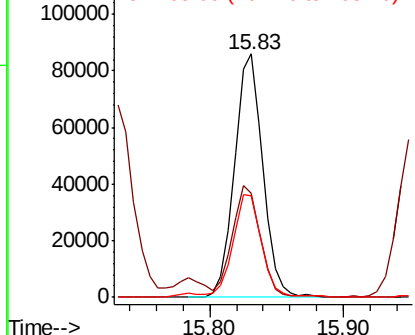
Tot Ion:	198	Resp:	126151
Ion Ratio	Lower	Upper	
198	100		
51	42.8	27.3	67.3
105	41.8	21.7	61.7

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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: 41.665 ng

RT: 15.95 min Scan# 2190

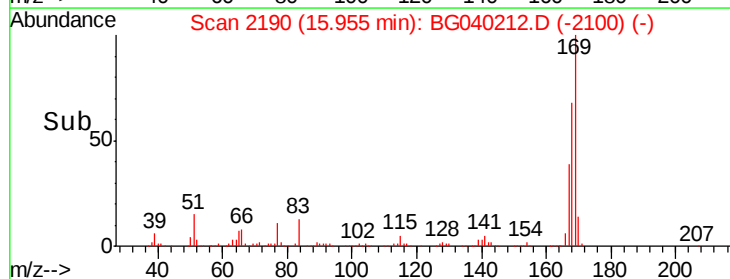
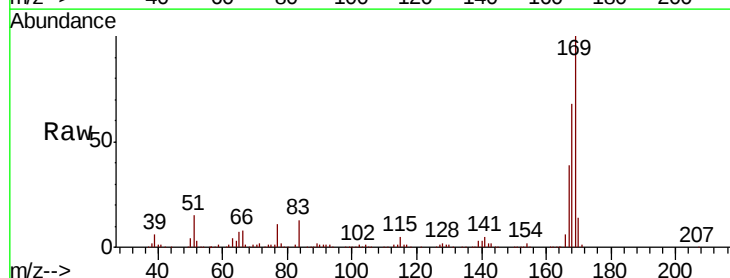
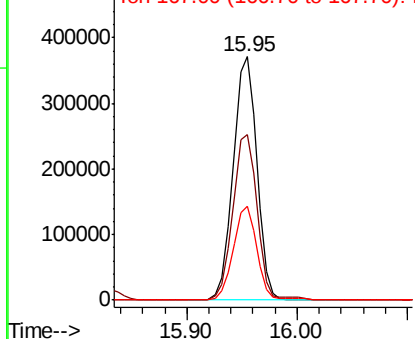
Delta R.T. -0.00 min

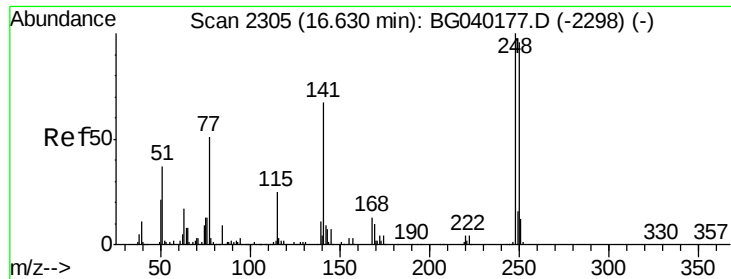
Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	169	Resp:	558844
Ion Ratio	Lower	Upper	
169	100		
168	67.8	56.8	85.2
167	38.6	30.2	45.4

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





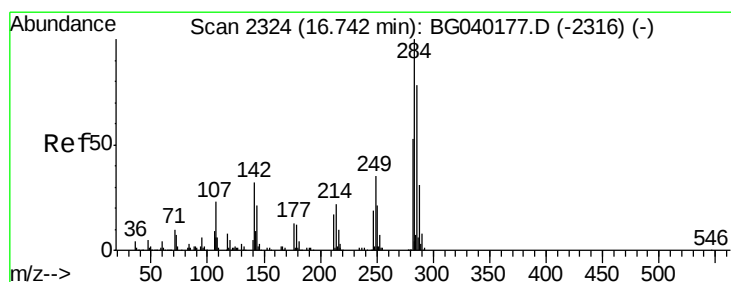
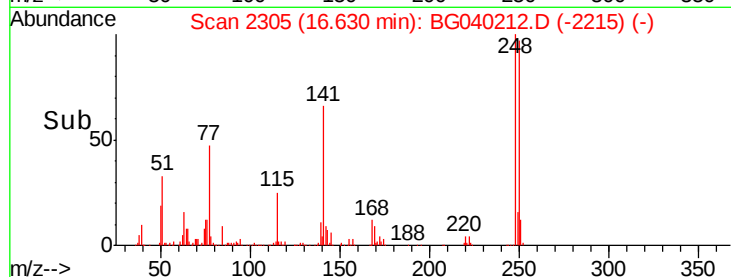
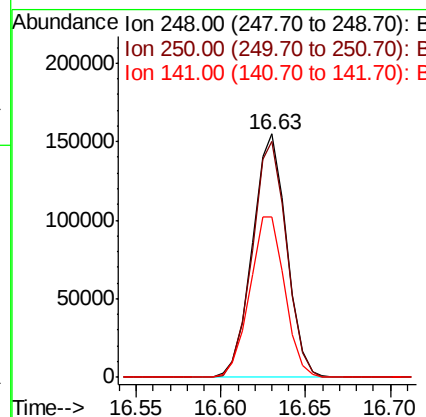
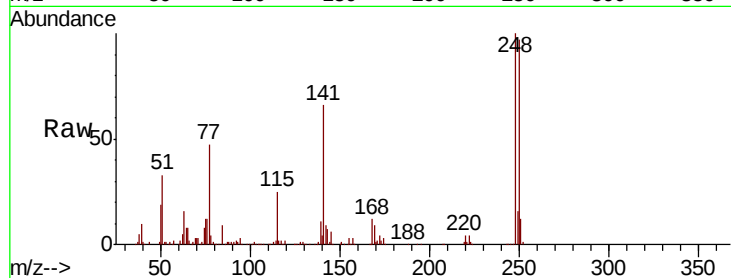
#67
4-Bromophenyl-phenylether
Concen: 42.080 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.4	114.6
141	66.1	53.8	80.8

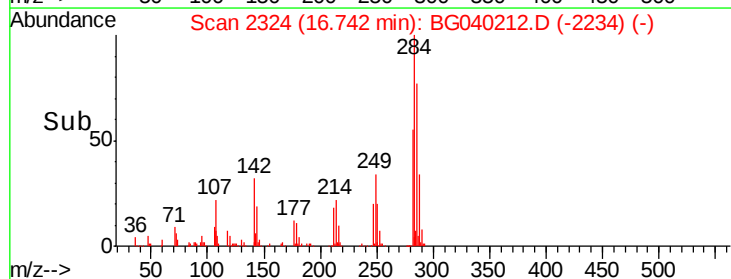
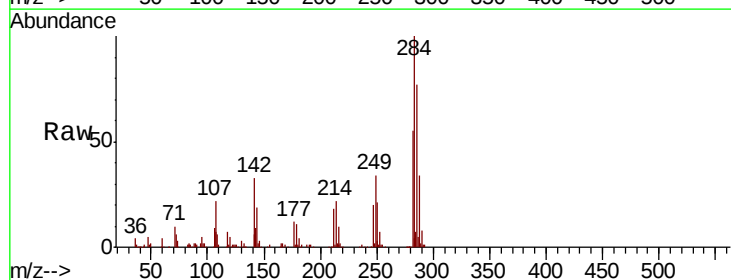
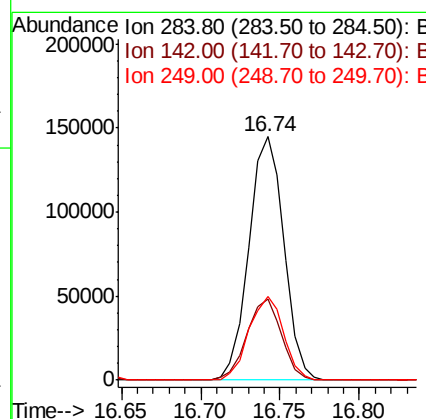
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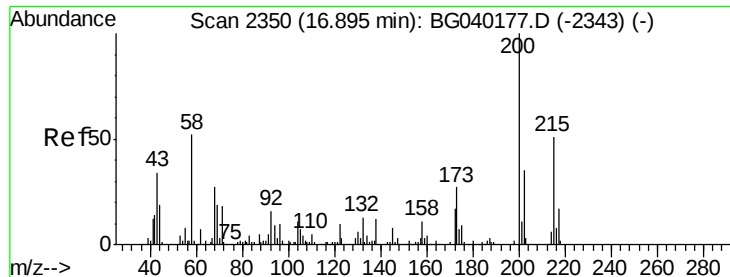
Sohil
3/29/2019 4:45:40 PM



#68
Hexachlorobenzene
Concen: 42.778 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.3	37.9
249	34.3	28.2	42.2





#69

Atrazine

Concen: 40.843 ng

RT: 16.89 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

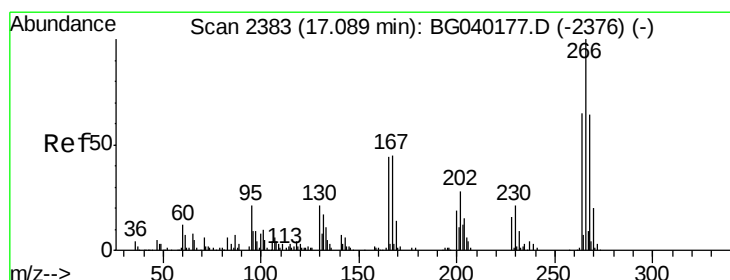
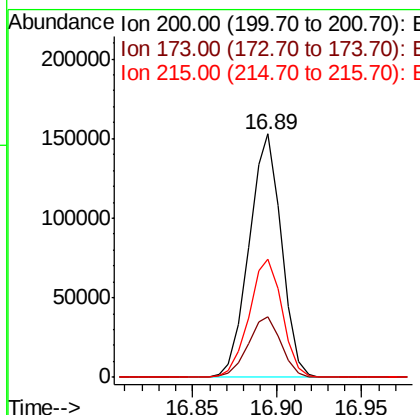
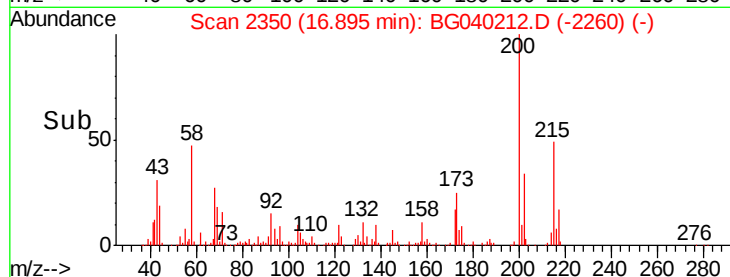
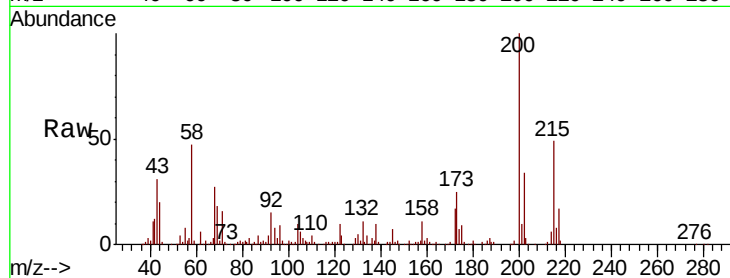
ClientSampled :

PB118375BS

Tot Ion:	200	Resp:	203786
Ion Ratio	Lower	Upper	
200	100		
173	24.7	7.1	47.1
215	48.6	30.9	70.9

Manual Integrations
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#70

Pentachlorophenol

Concen: 91.829 ng

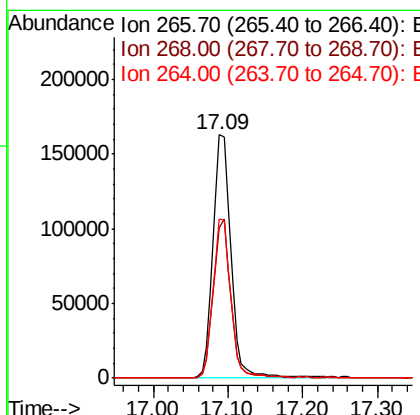
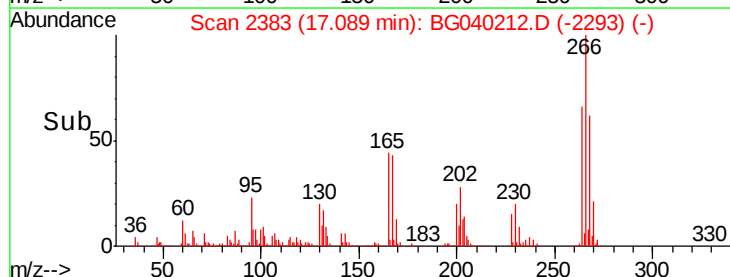
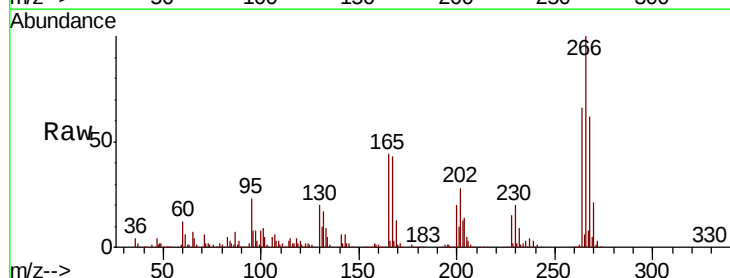
RT: 17.09 min Scan# 2383

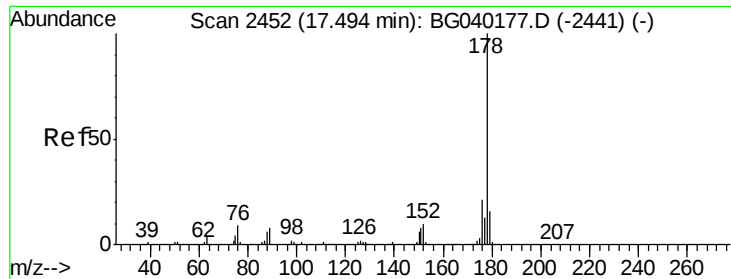
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	266	Resp:	275339
Ion Ratio	Lower	Upper	
266	100		
268	61.8	55.0	82.4
264	65.5	51.8	77.8





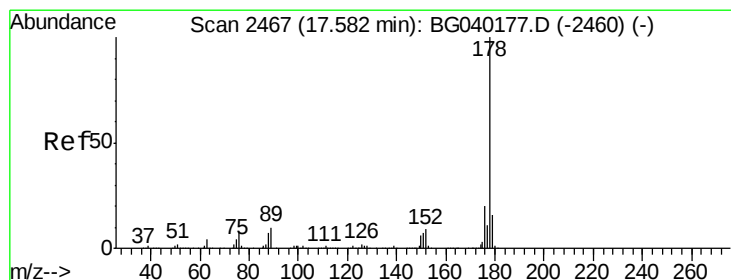
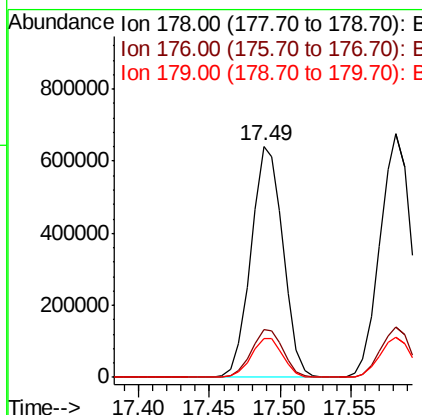
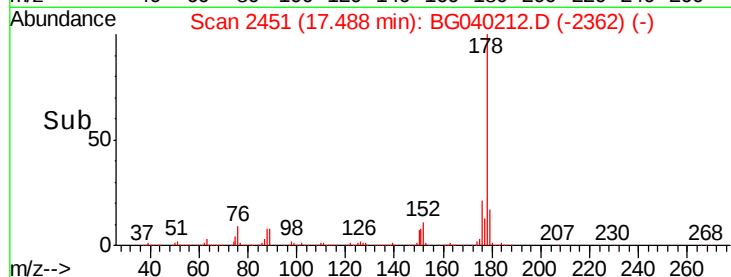
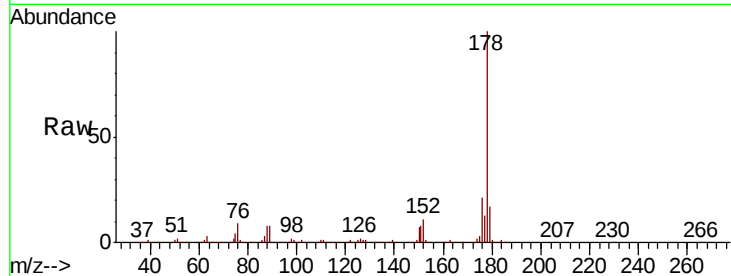
#71
Phenanthrene
Concen: 42.341 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion:178 Resp: 1020096
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 17.1 12.8 19.2

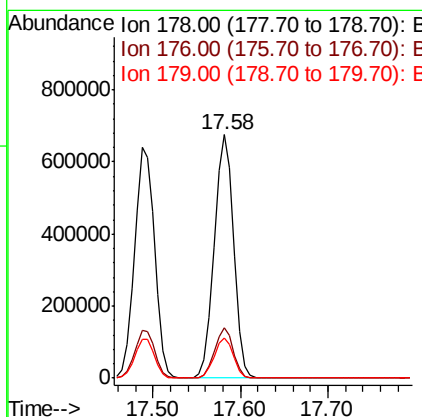
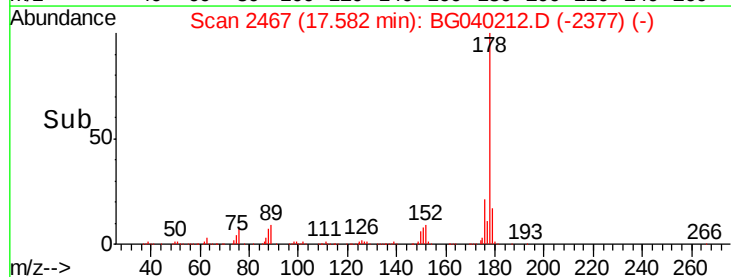
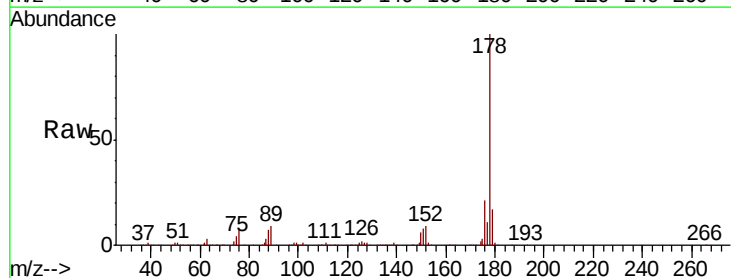
Manual Integrations
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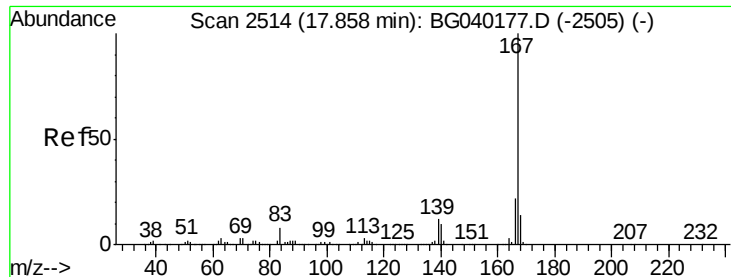
Sohil
3/29/2019 4:45:40 PM



#72
Anthracene
Concen: 43.211 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:178 Resp: 1042010
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.7 12.9 19.3





#73

Carbazole

Concen: 43.338 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

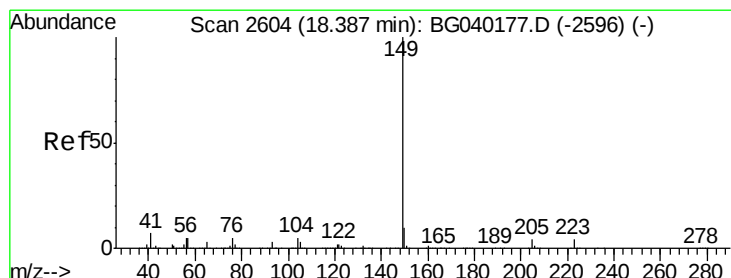
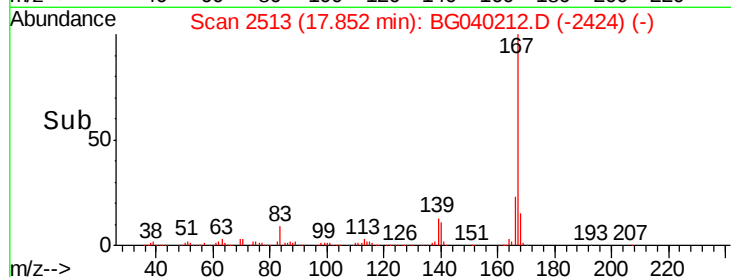
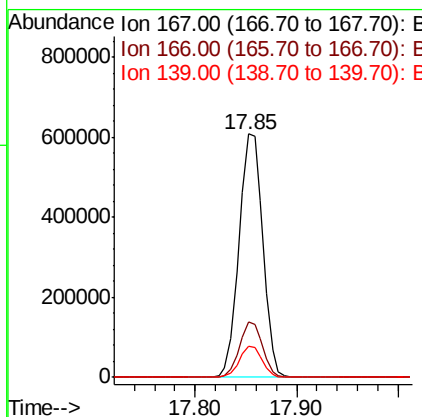
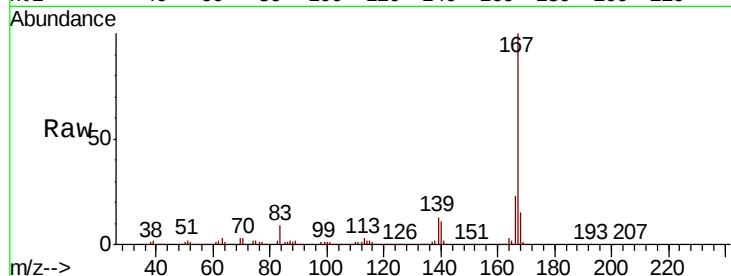
ClientSampleId :

PB118375BS

Tot Ion:	167	Resp:	989042
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.5	26.3
139	12.5	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 42.888 ng

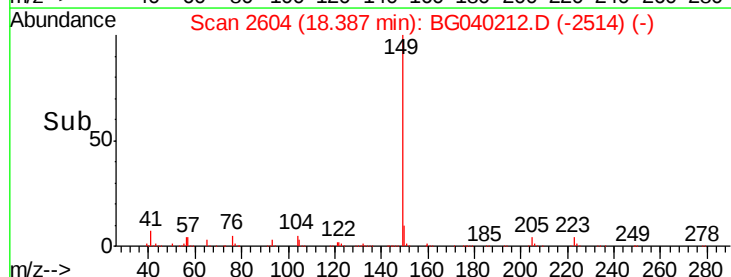
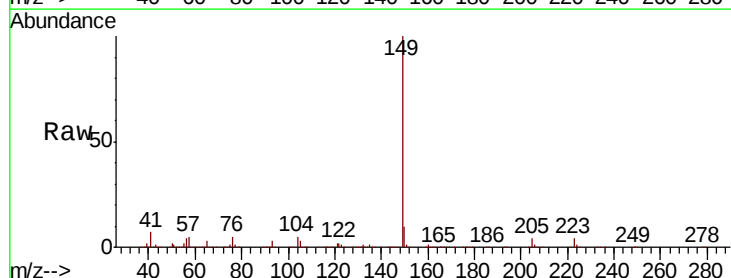
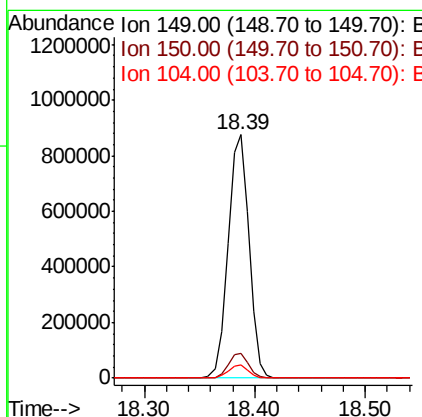
RT: 18.39 min Scan# 2604

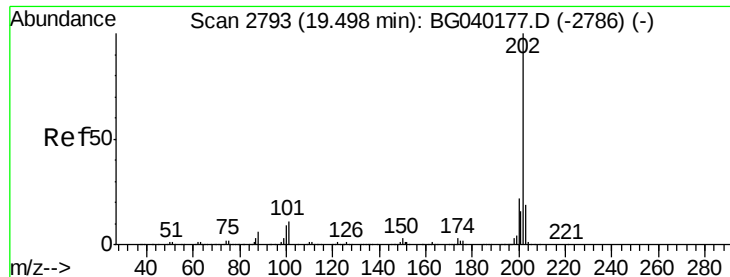
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	149	Resp:	1160181
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.9	11.9
104	5.3	4.1	6.1





#75

Fluoranthene

Concen: 43.619 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

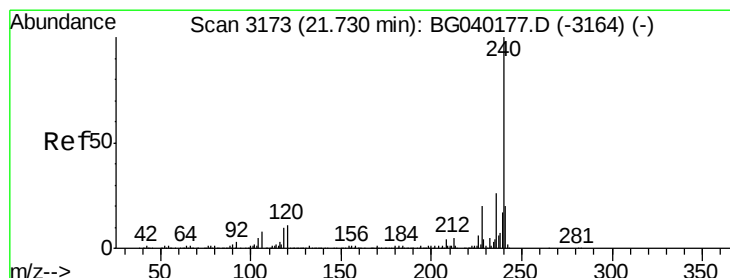
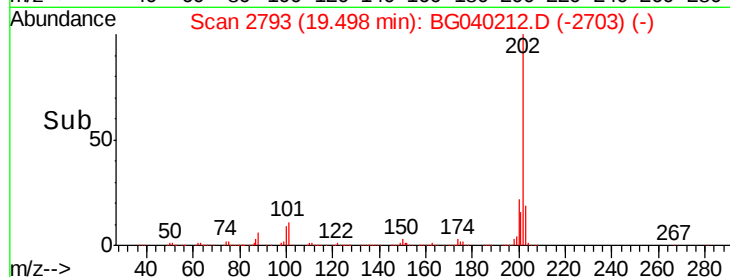
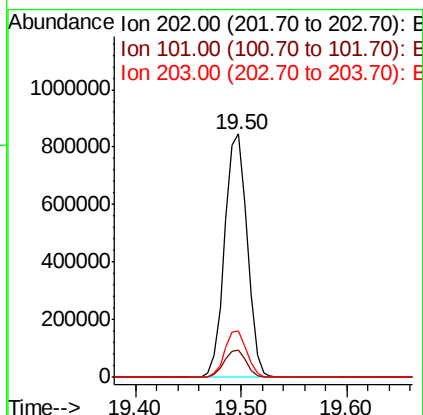
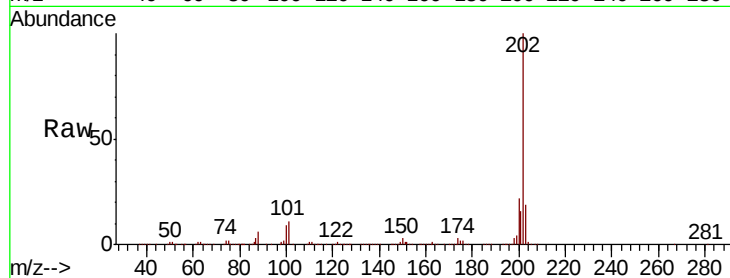
ClientSampled :

PB118375BS

Tot Ion:	202	Resp:	1244381
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.8
203	19.4	0.0	38.9

Manual Integrations
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Sohil
3/29/2019 4:45:40 PM



#76

Chrysene-d12

Concen: 20.000 ng

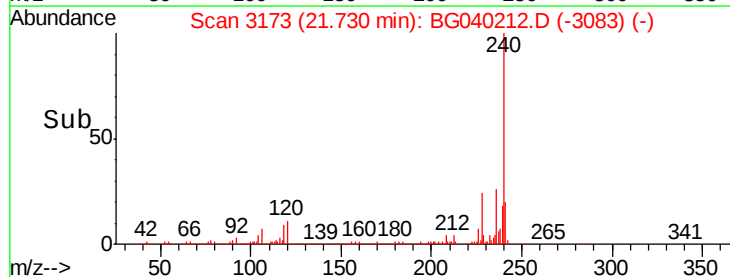
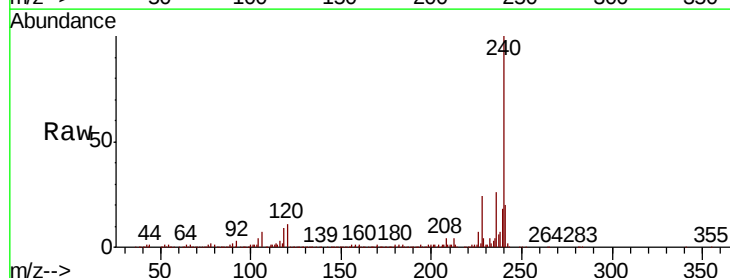
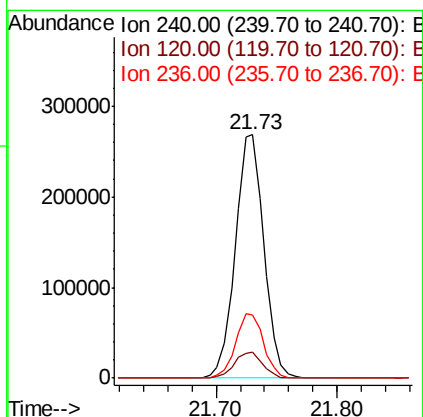
RT: 21.73 min Scan# 3173

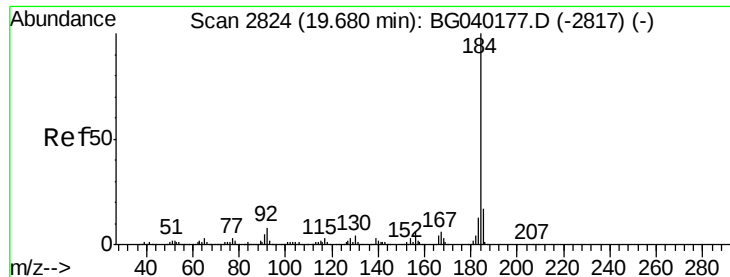
Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	240	Resp:	441867
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.9	20.8	31.2





#77

Benzidine

Concen: 29.614 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

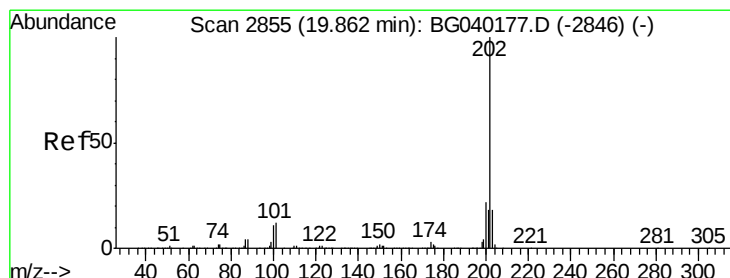
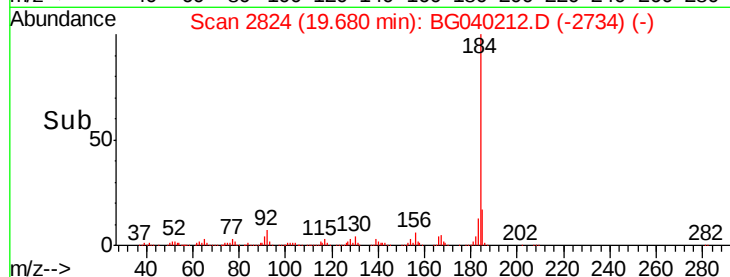
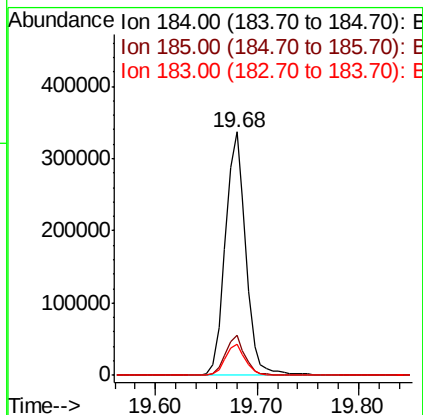
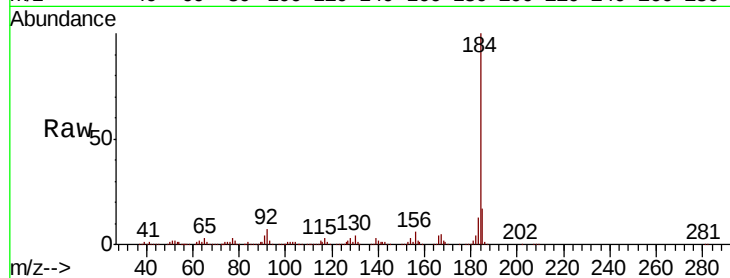
ClientSampleId :

PB118375BS

Tot Ion:	184	Resp:	472533
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.3	19.9
183	12.7	10.3	15.5

Manual Integrations
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#78

Pyrene

Concen: 42.654 ng

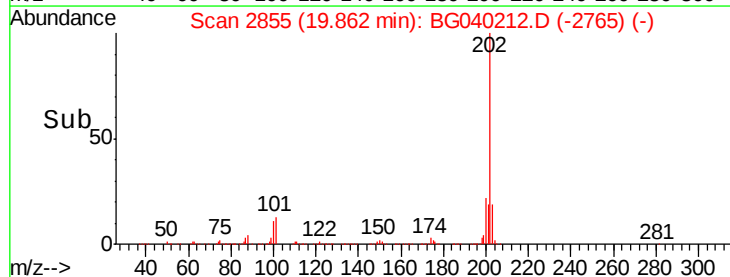
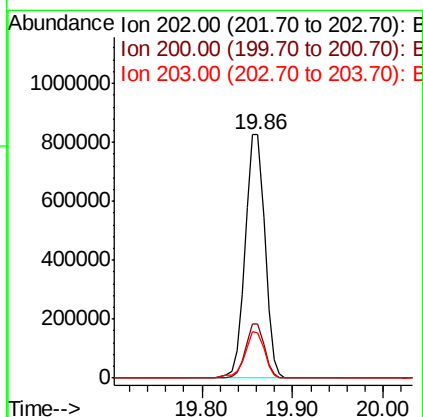
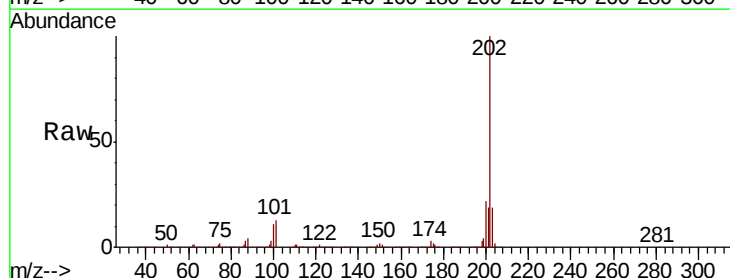
RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Tgt Ion:	202	Resp:	1239435
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.3	25.9
203	18.8	14.6	22.0





#79

Terphenyl-d14

Concen: 84.612 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

Tot Ion:244 Resp: 1661916

Ion Ratio Lower Upper

244 100

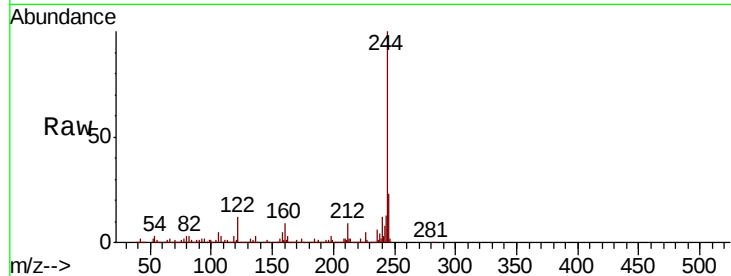
212 9.4 7.0 10.6

122 11.6 8.5 12.7

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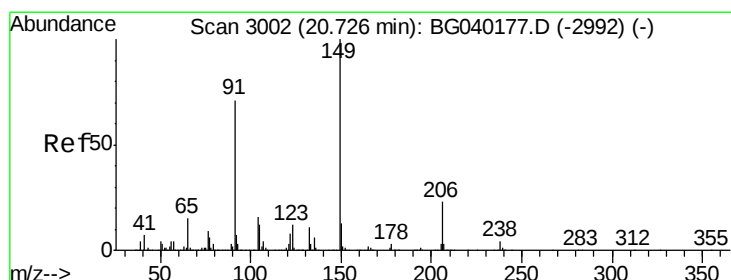
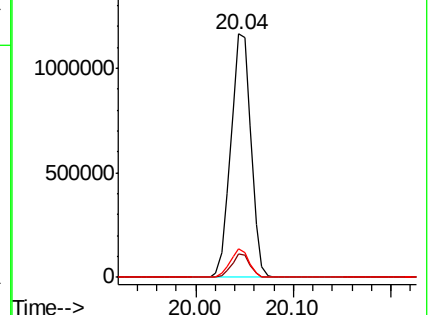
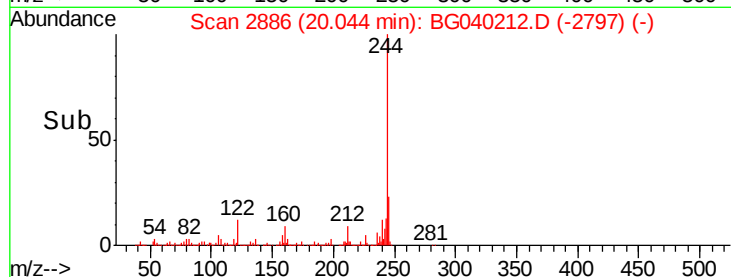


Abundance

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: 43.764 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

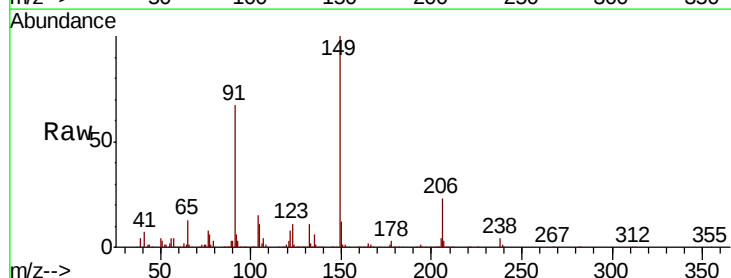
Tgt Ion:149 Resp: 544163

Ion Ratio Lower Upper

149 100

91 66.5 57.0 85.4

206 22.5 18.2 27.4

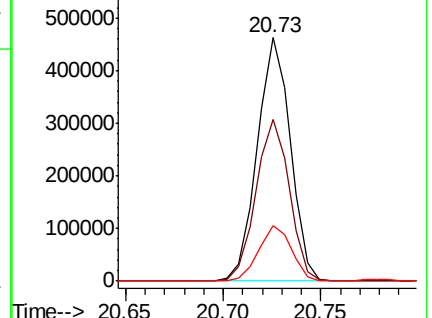
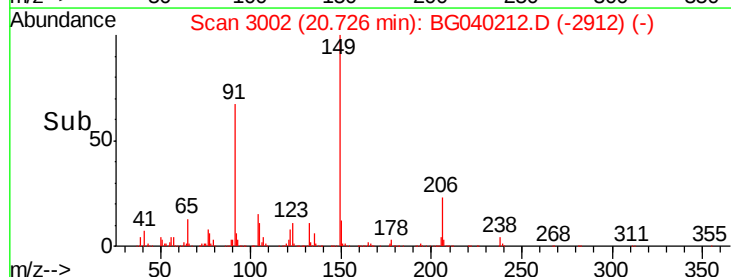


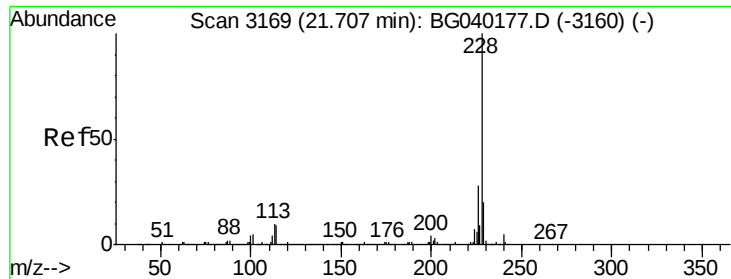
Abundance

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: 43.017 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

Instrument :

BNA_G

ClientSampleId :

PB118375BS

Tot Ion:228 Resp: 1170780

Ion Ratio Lower Upper

228 100

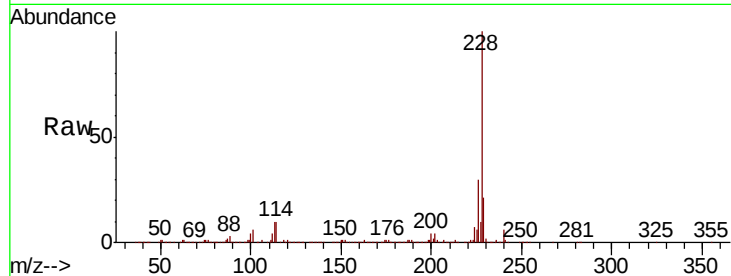
226 30.2 22.6 34.0

229 21.4 16.1 24.1

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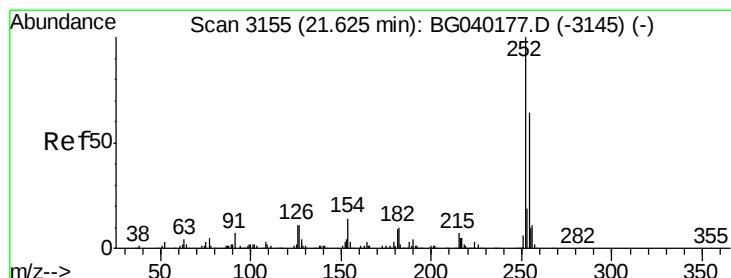
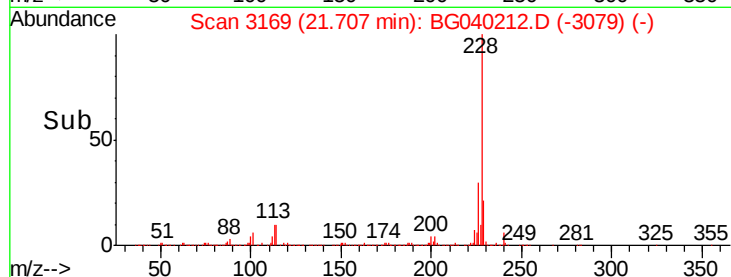
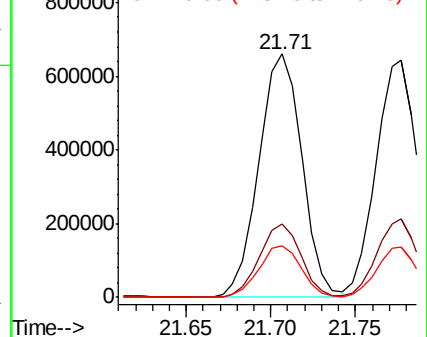


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.865 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG040212.D

Acq: 28 Mar 2019 23:44

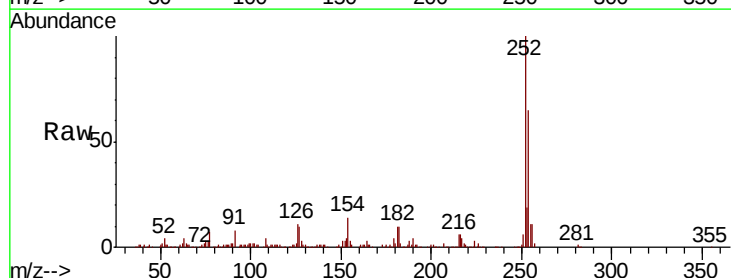
Tgt Ion:252 Resp: 278143

Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 10.9 8.5 12.7

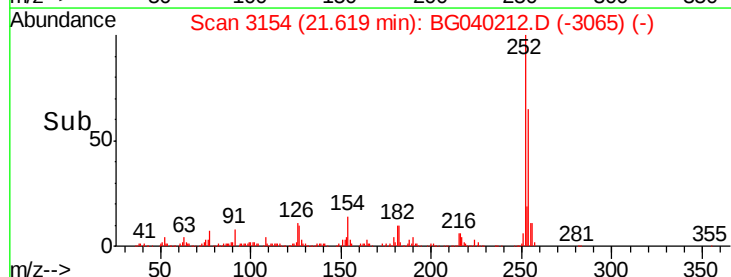
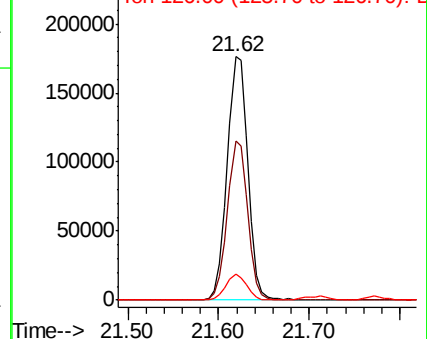


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





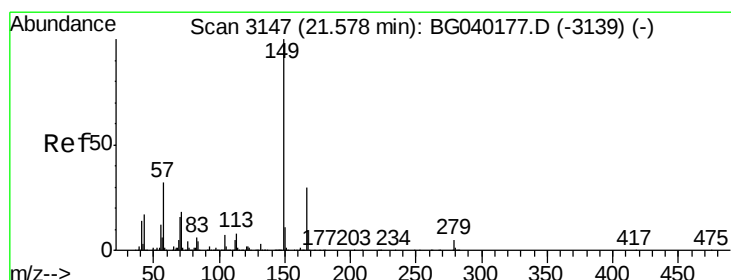
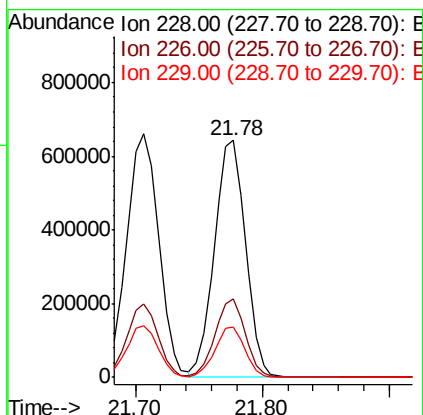
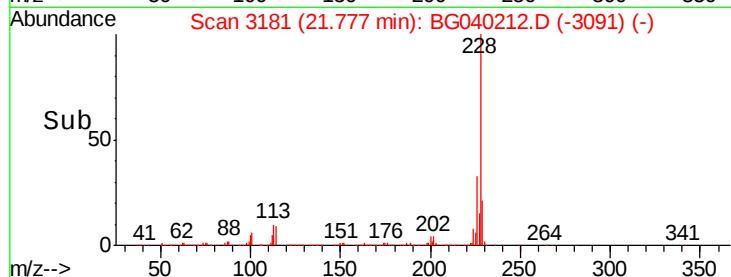
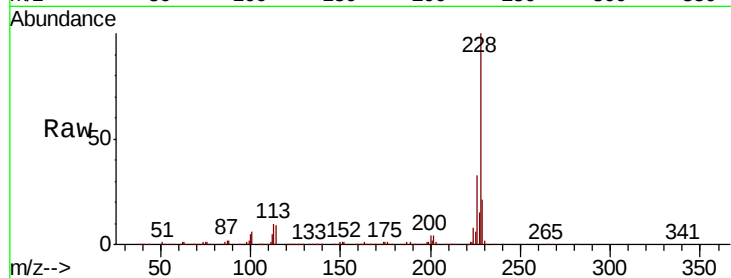
#83
Chrysene
Concen: 41.931 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.4	38.0
229	21.5	17.0	25.4

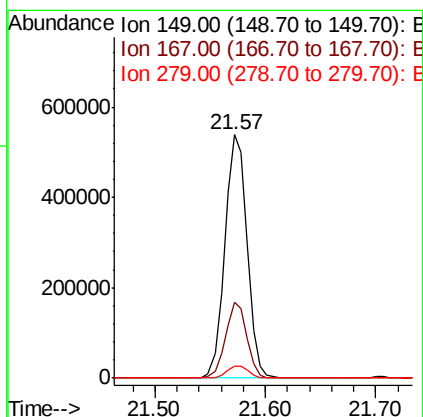
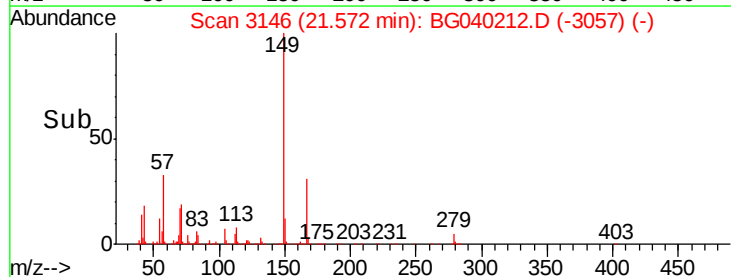
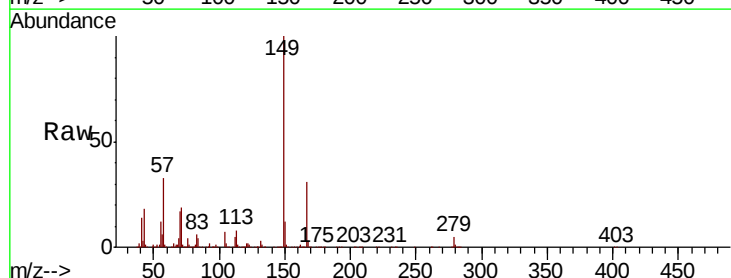
Manual Integrations
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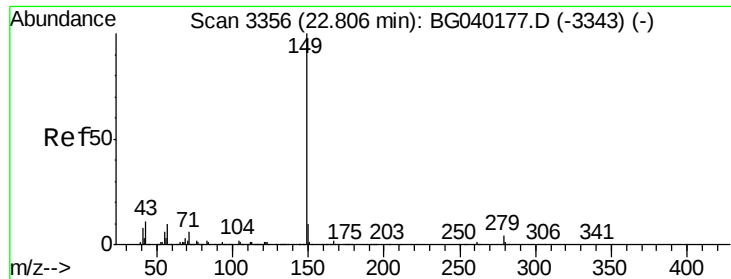
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.432 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.1	36.1
279	4.8	4.1	6.1





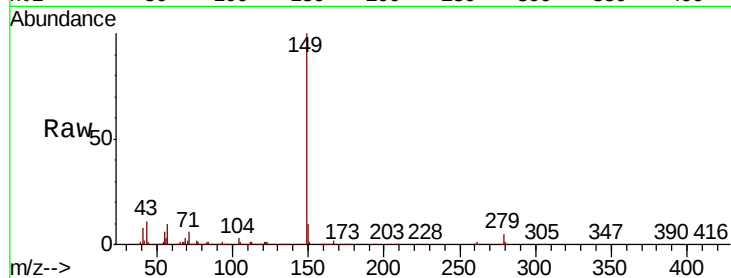
#85
Di-n-octyl phthalate
Concen: 42.422 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.7	13.1

Manual Integrations
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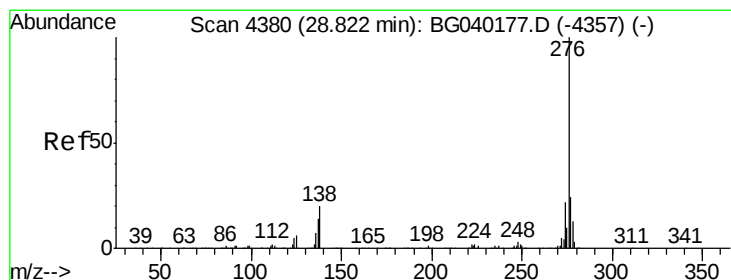
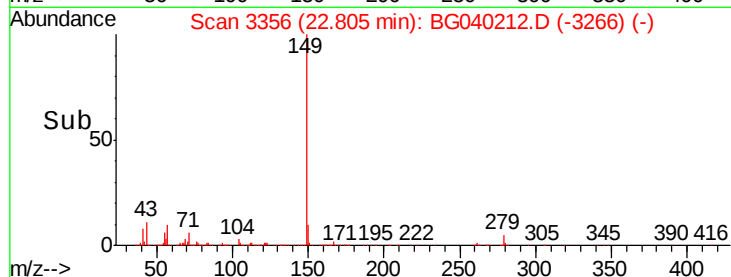
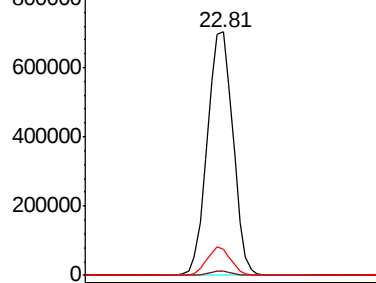


Abundance

Ion 149.00 (148.70 to 149.70): E

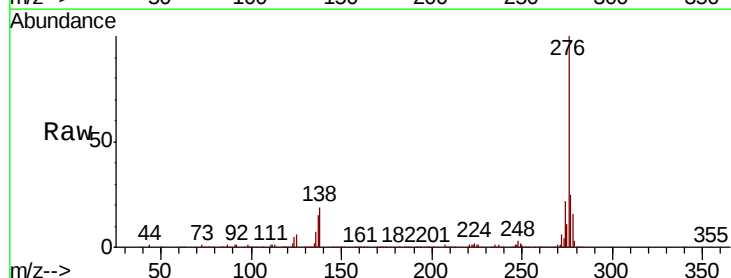
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.467 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	26.0	21.0	31.4

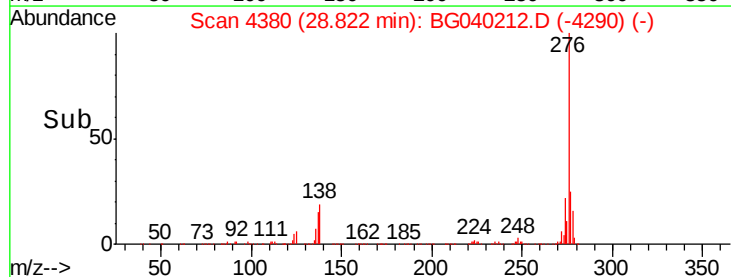
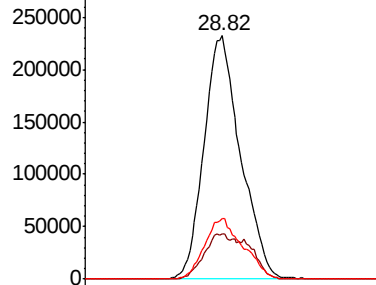


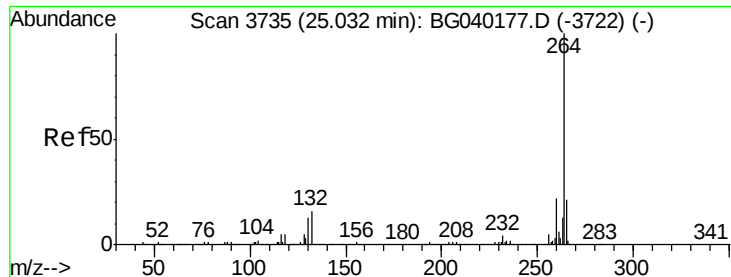
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





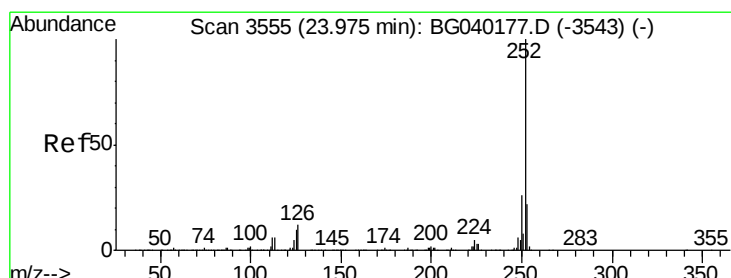
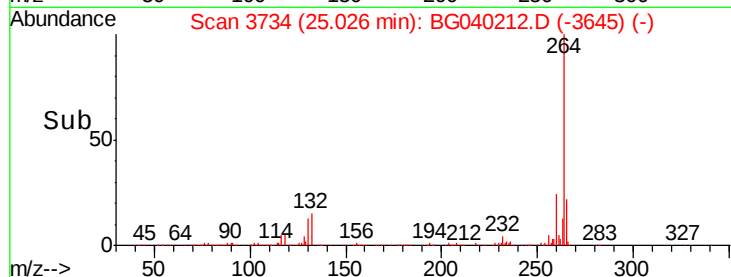
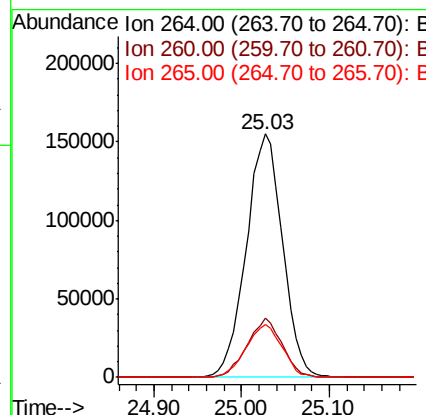
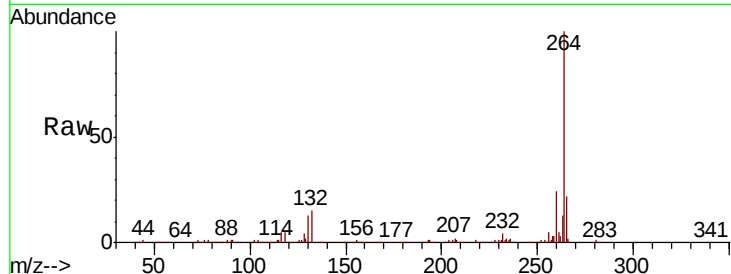
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.9	26.9
265	21.7	16.8	25.2

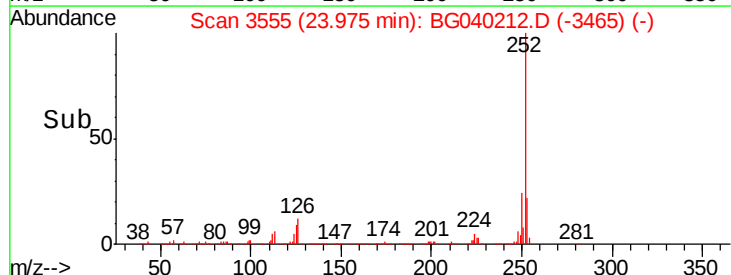
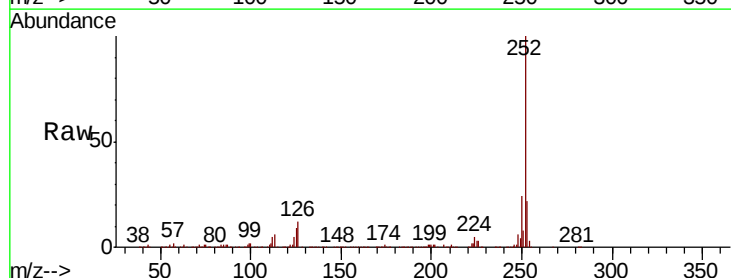
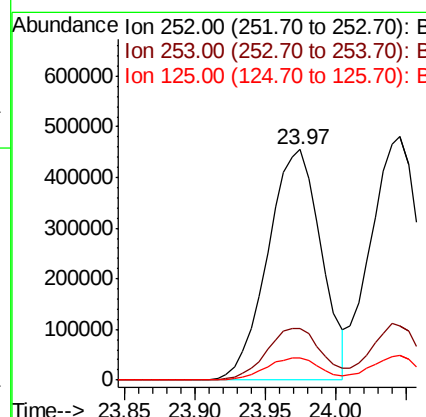
Manual Integrations
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3/29/2019 4:45:40 PM



#88
Benzo(b)fluoranthene
Concen: 45.050 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.4	8.2	12.4





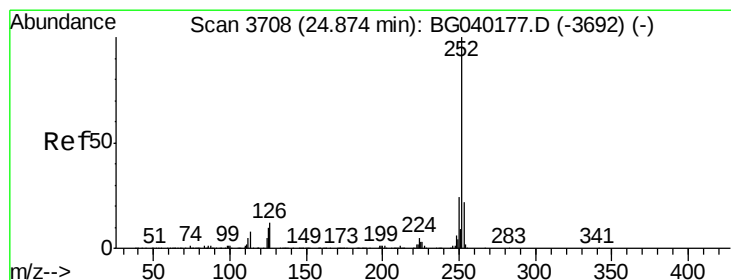
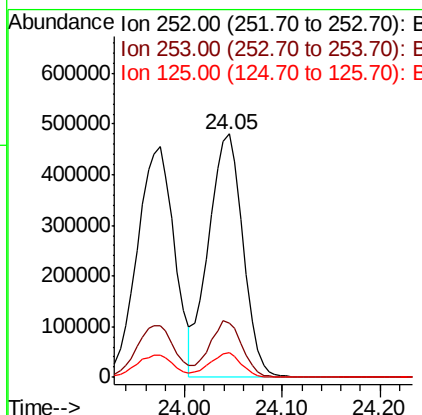
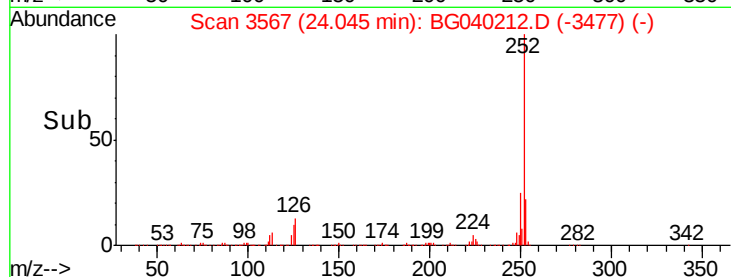
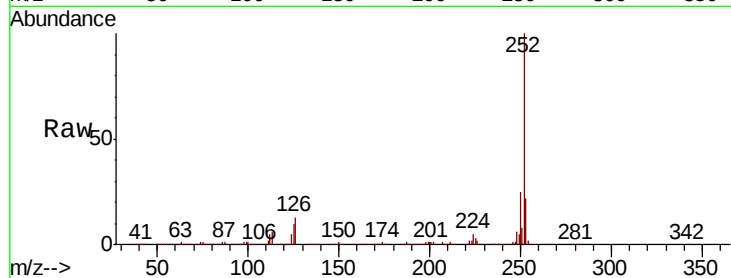
#89
Benzo(k)fluoranthene
Concen: 47.492 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion:252 Resp: 1167776
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.0 7.3 10.9

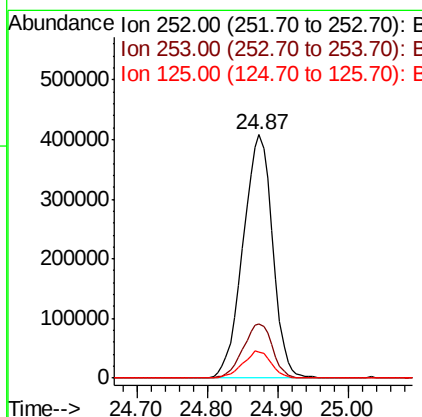
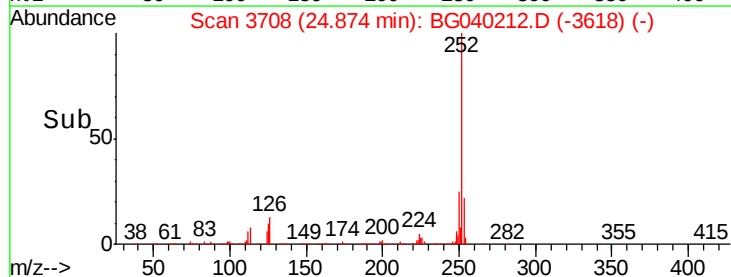
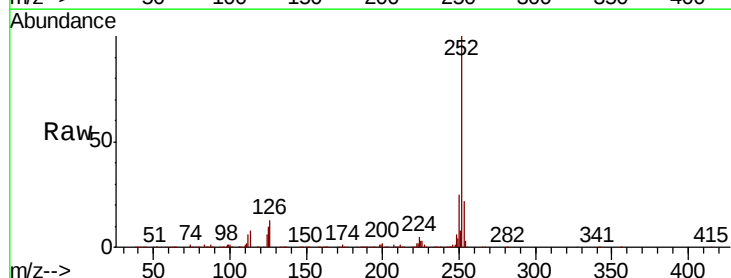
Manual Integrations
APPROVED

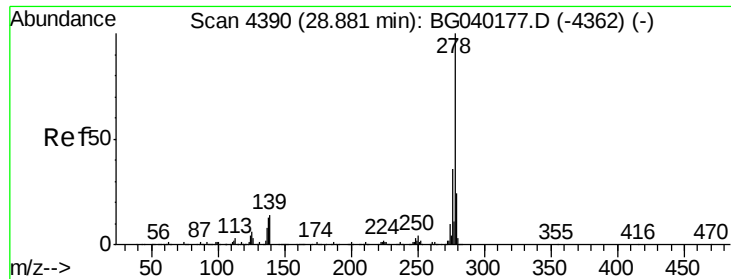
Sohil
3/29/2019 4:45:40 PM



#90
Benzo(a)pyrene
Concen: 47.435 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion:252 Resp: 1190009
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.4 8.3 12.5





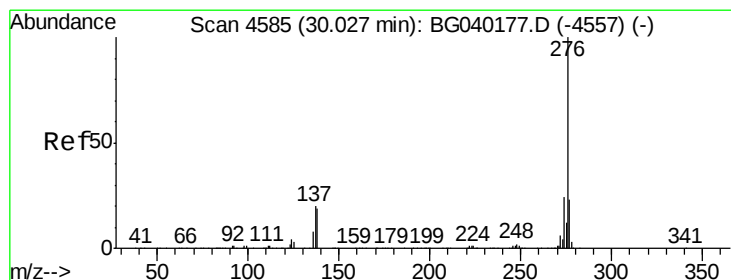
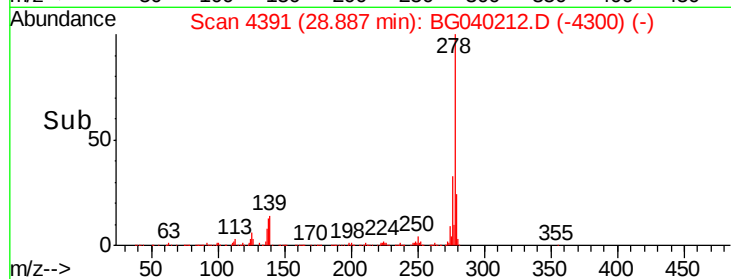
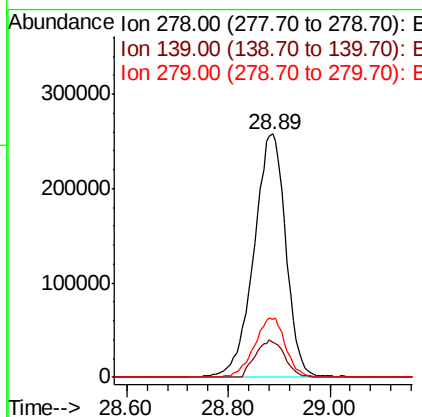
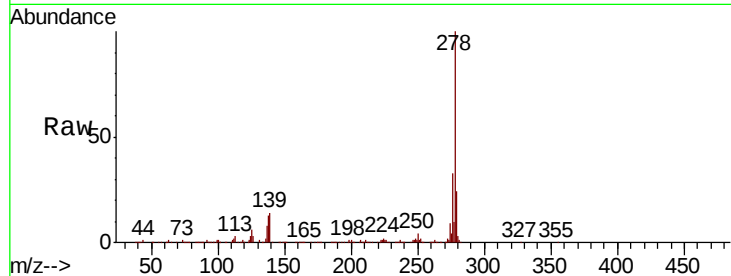
#91
Dibenzo(a,h)anthracene
Concen: 48.322 ng
RT: 28.89 min Scan# 4391
Delta R.T. 0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Instrument :
BNA_G
ClientSampleId :
PB118375BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.2	16.8
279	23.7	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:45:40 PM



#92
Benzo(g,h,i)perylene
Concen: 48.523 ng
RT: 30.02 min Scan# 4584
Delta R.T. -0.01 min
Lab File: BG040212.D
Acq: 28 Mar 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	19.1	15.2	22.8

