

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040233.D
 Acq On : 29 Mar 2019 19:56
 Operator : JU/SJ
 Sample : PB118167BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Manual Integrations
 APPROVED

Sohil
 4/1/2019 10:06:04 AM

Quant Time: Mar 30 04:43:20 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	8.06	152	50334	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	211645	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	140181	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	359112	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	356421	20.00	ng	-0.02
87) Perylene-d12	24.99	264	368547	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	420709	138.95	ng	-0.01
7) Phenol-d6	7.21	99	573627	137.09	ng	-0.01
23) Nitrobenzene-d5	9.23	82	342936	86.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	223459	147.50	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	810564	85.68	ng	-0.01
79) Terphenyl-d14	20.03	244	1341881	84.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	54299	38.139	ng	# 96
3) Pyridine	3.90	79	139539	36.402	ng	98
4) n-Nitrosodimethylamine	3.82	42	65728	37.069	ng	# 92
6) Aniline	7.38	93	159105	29.266	ng	96
8) 2-Chlorophenol	7.62	128	144102	40.657	ng	99
9) Benzaldehyde	7.20	77	117815	41.046	ng	97
10) Phenol	7.24	94	195287	42.997	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	136700	37.578	ng	96
12) 1,3-Dichlorobenzene	7.94	146	145914	37.872	ng	95
13) 1,4-Dichlorobenzene	8.09	146	147415	38.415	ng	99
14) 1,2-Dichlorobenzene	8.41	146	140540	38.298	ng	96
15) Benzyl Alcohol	8.30	79	129220	38.345	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	257534	36.888	ng	99
17) 2-Methylphenol	8.49	107	133937	42.616	ng	99
18) Hexachloroethane	9.14	117	53590	36.714	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	110680	36.892	ng	99
20) 3+4-Methylphenols	8.82	107	184205	43.265	ng	97
22) Acetophenone	8.89	105	215969	40.907	ng	# 97
24) Nitrobenzene	9.27	77	164277	39.842	ng	94
25) Isophorone	9.79	82	321235	39.210	ng	99
26) 2-Nitrophenol	9.98	139	80231	41.065	ng	99
27) 2,4-Dimethylphenol	10.03	122	152060	48.998	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	194816	40.192	ng	99
29) 2,4-Dichlorophenol	10.51	162	152561	45.290	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	150342	40.646	ng	98
31) Naphthalene	10.93	128	445152	41.034	ng	98
32) Benzoic acid	10.13	122	15762m	8.406	ng	
33) 4-Chloroaniline	11.04	127	118688	25.649	ng	98
34) Hexachlorobutadiene	11.18	225	89806	37.964	ng	98
35) Caprolactam	11.84	113	63278	47.336	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	168227	43.441	ng	98
37) 2-Methylnaphthalene	12.52	142	340803	42.477	ng	98
38) 1-Methylnaphthalene	12.74	142	323485	41.578	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	172554	38.729	ng	98

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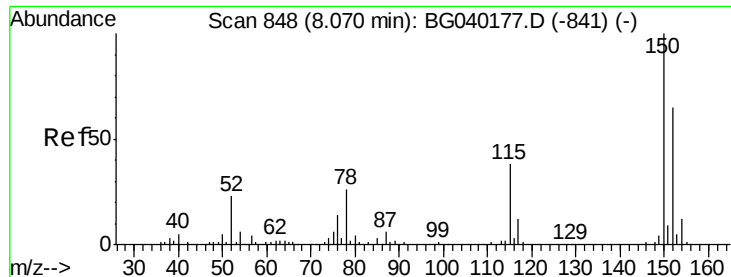
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	229872	93.965	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	125578	43.716	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	135994	43.434	ng	96
46) 1,1'-Biphenyl	13.52	154	440945	39.810	ng	99
47) 2-Chloronaphthalene	13.57	162	340779	40.110	ng	99
48) 2-Nitroaniline	13.78	65	115671	40.363	ng	96
49) Acenaphthylene	14.42	152	580870	40.324	ng	99
50) Dimethylphthalate	14.14	163	460736	41.995	ng	99
51) 2,6-Dinitrotoluene	14.27	165	103300	41.934	ng	99
52) Acenaphthene	14.76	154	338639	41.026	ng	99
53) 3-Nitroaniline	14.60	138	69981	26.837	ng	92
54) 2,4-Dinitrophenol	14.81	184	96499	73.658	ng	96
55) Dibenzofuran	15.09	168	553393	41.723	ng	99
56) 4-Nitrophenol	14.91	139	183771	87.321	ng	96
57) 2,4-Dinitrotoluene	15.06	165	147304	43.034	ng	98
58) Fluorene	15.74	166	440165	42.210	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	136315	47.977	ng	99
60) Diethylphthalate	15.49	149	494231	44.023	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	237387	42.588	ng	97
62) 4-Nitroaniline	15.77	138	123827	44.249	ng	99
63) Azobenzene	16.01	77	446154	42.131	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	79117	39.214	ng	98
66) n-Nitrosodiphenylamine	15.94	169	420736	40.037	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	159733	39.526	ng	95
68) Hexachlorobenzene	16.73	284	162763	40.057	ng	98
69) Atrazine	16.88	200	156256	39.972	ng	100
70) Pentachlorophenol	17.08	266	182240	77.577	ng	96
71) Phenanthrene	17.48	178	776903	41.159	ng	99
72) Anthracene	17.57	178	798145	42.246	ng	100
73) Carbazole	17.84	167	735868	41.156	ng	100
74) Di-n-butylphthalate	18.38	149	866206	40.870	ng	100
75) Fluoranthene	19.49	202	938329	41.981	ng	99
77) Benzidine	19.67	184	586134	45.540	ng	99
78) Pyrene	19.84	202	940813	40.139	ng	98
80) Butylbenzylphthalate	20.71	149	400490	39.930	ng	96
81) Benzo(a)anthracene	21.69	228	853640	38.884	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	173923	20.826	ng	96
83) Chrysene	21.76	228	834664	39.560	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	563803	39.325	ng	100
85) Di-n-octyl phthalate	22.78	149	970232	39.720	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1044026	40.458	ng	100
88) Benzo(b)fluoranthene	23.95	252	937250	41.538	ng	98
89) Benzo(k)fluoranthene	24.02	252	867626	41.813	ng	98
90) Benzo(a)pyrene	24.84	252	899112	42.469	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	843948	42.922	ng	98
92) Benzo(g,h,i)perylene	29.96	276	872745	43.190	ng	99

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



#1

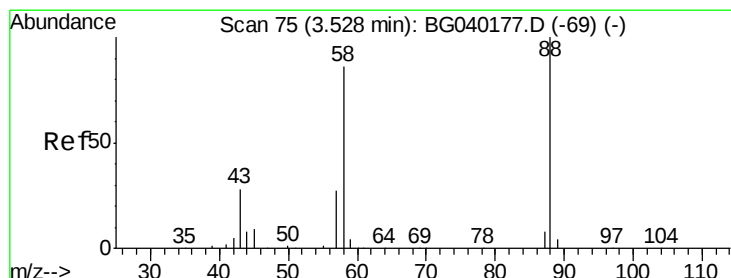
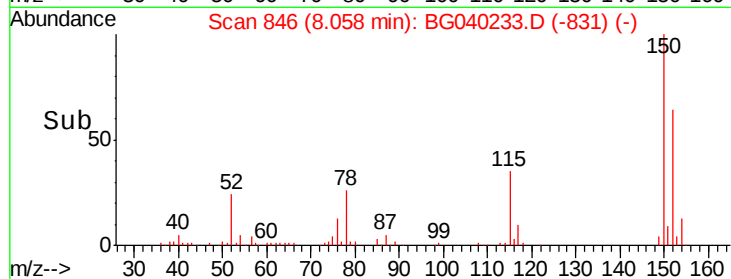
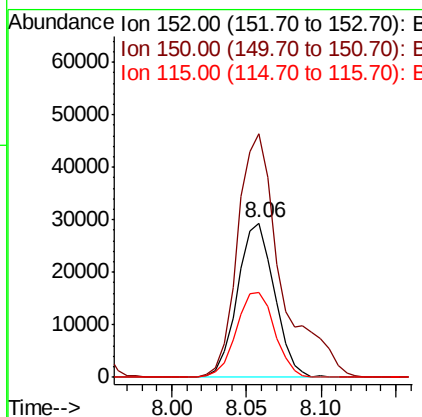
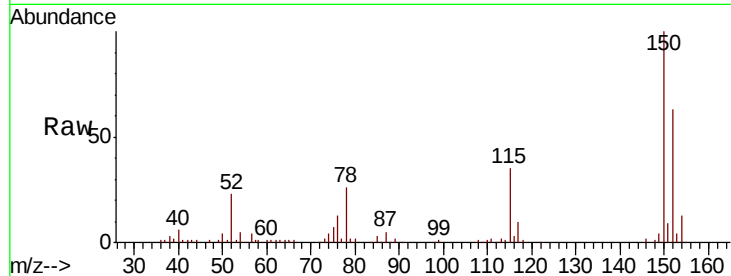
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.7	185.5
115	54.6	46.9	70.3

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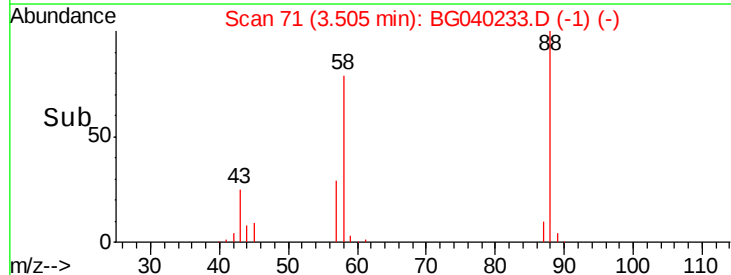
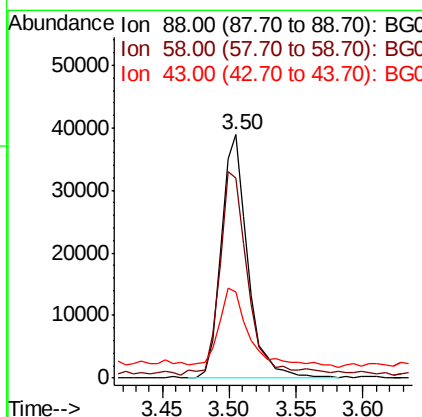
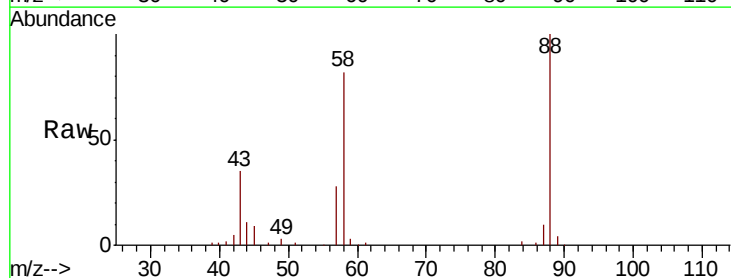
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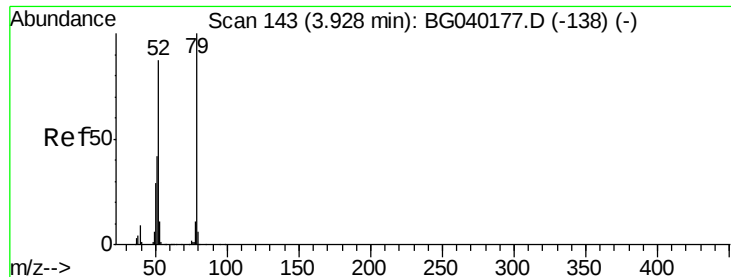


#2

1,4-Dioxane
Concen: 38.139 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	70.6	106.0
43	37.5	24.8	37.2#





#3

Pyridine

Concen: 36.402 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

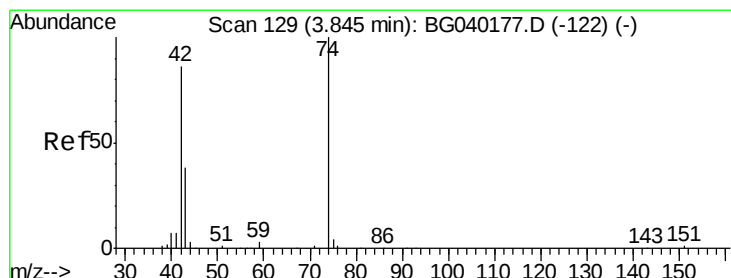
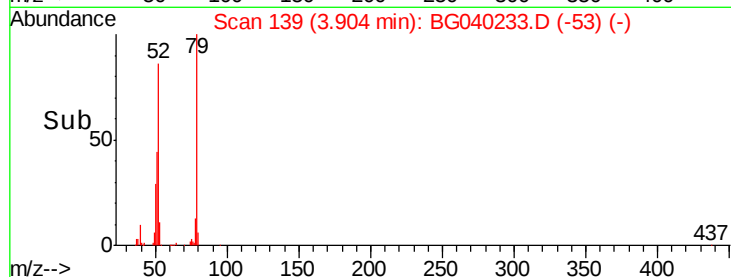
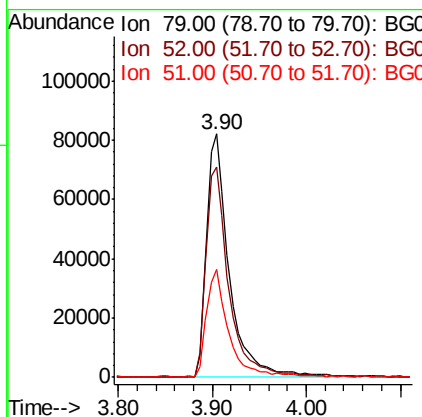
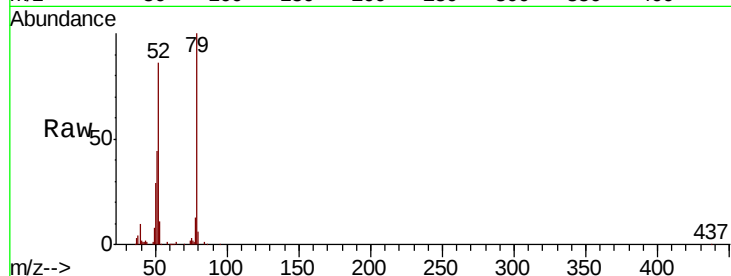
ClientSampleId :

PB118167BS

Tgt Ion:	79	Resp:	139539
Ion	Ratio	Lower	Upper
79	100		
52	86.2	69.8	104.8
51	44.4	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 37.069 ng

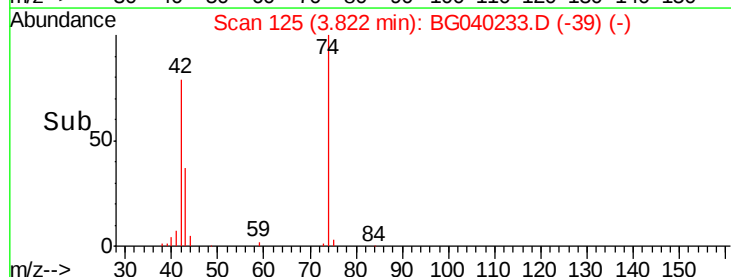
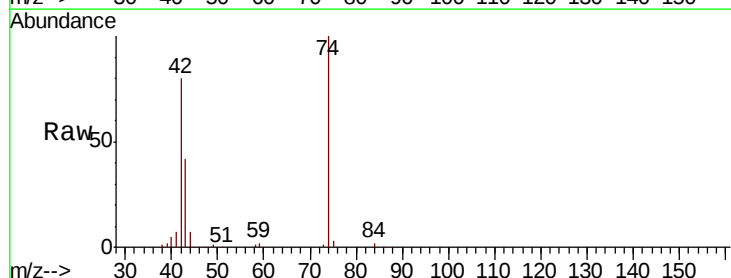
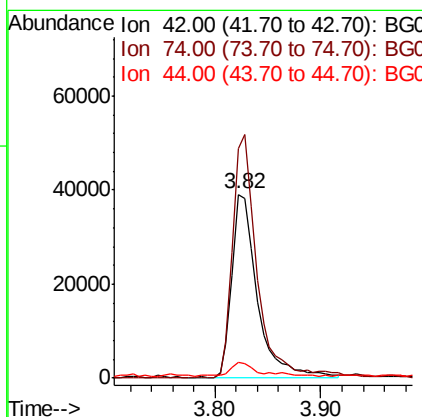
RT: 3.82 min Scan# 125

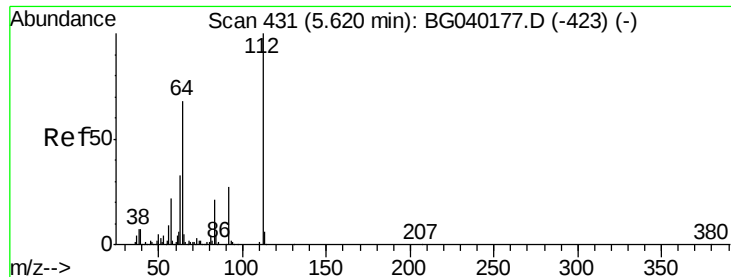
Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	42	Resp:	65728
Ion	Ratio	Lower	Upper
42	100		
74	124.9	92.9	139.3
44	8.5	9.7	14.5#





#5

2-Fluorophenol

Concen: 138.950 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

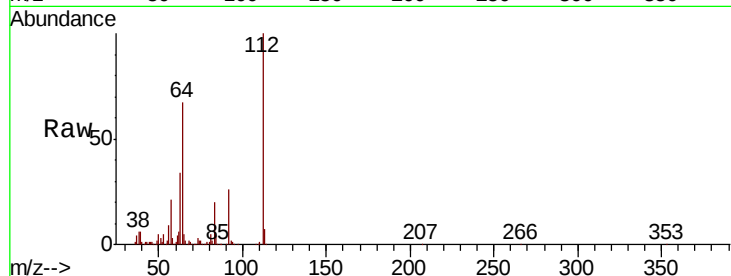
ClientSampleId :

PB118167BS

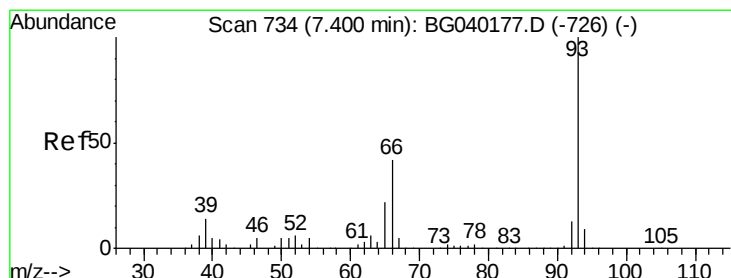
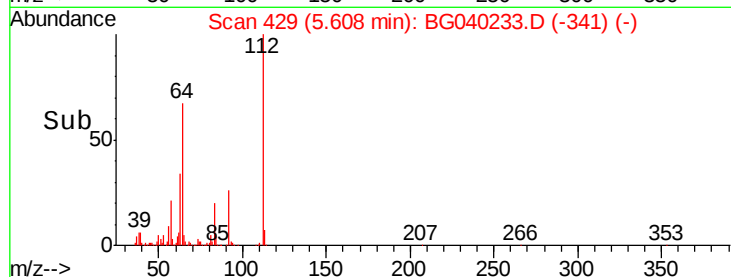
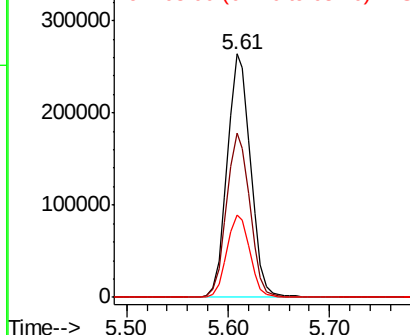
Tgt Ion:	112	Resp:	420709
Ion Ratio	Lower	Upper	
112	100		
64	67.5	54.2	81.2
63	33.8	26.4	39.6

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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: 29.266 ng

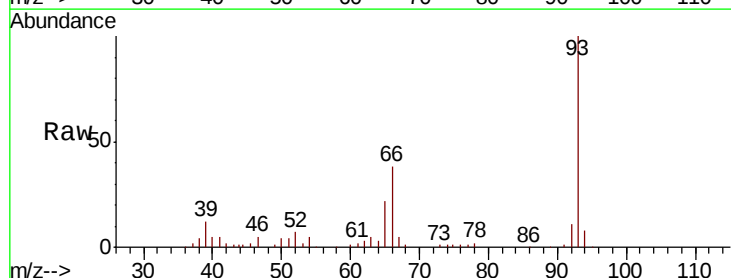
RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

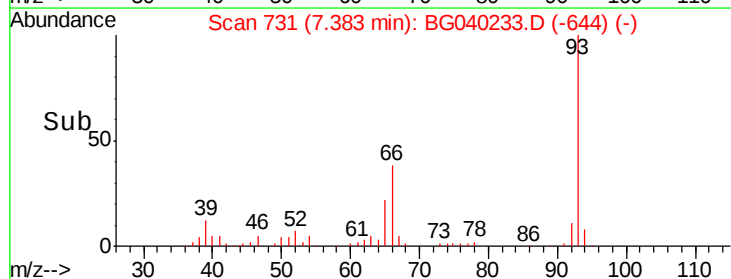
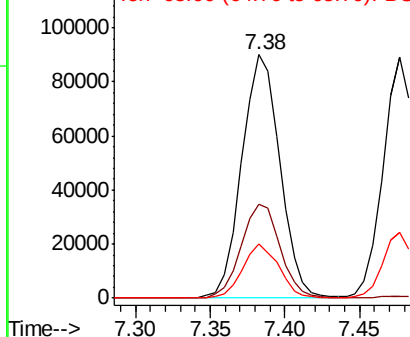
Lab File: BG040233.D

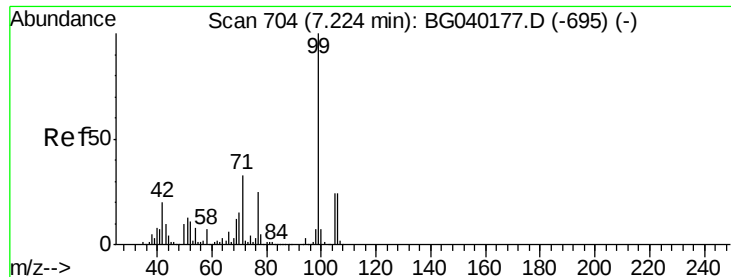
Acq: 29 Mar 2019 19:56

Tgt Ion:	93	Resp:	159105
Ion Ratio	Lower	Upper	
93	100		
66	38.5	33.6	50.4
65	22.1	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: 137.086 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

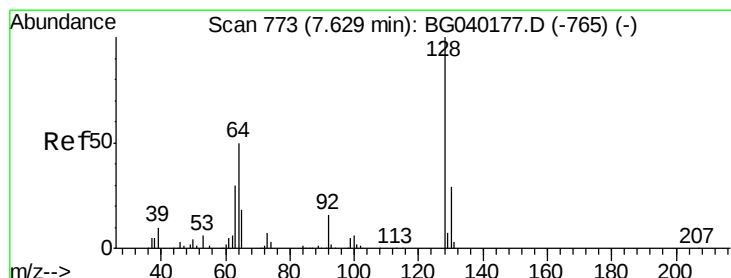
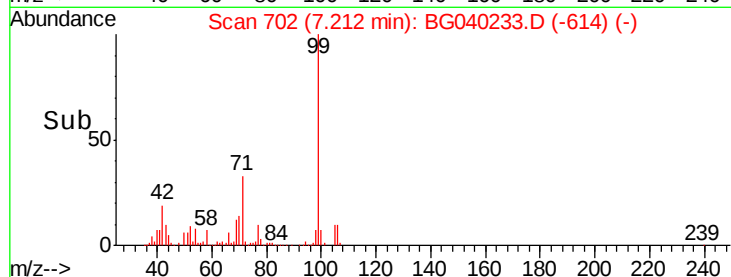
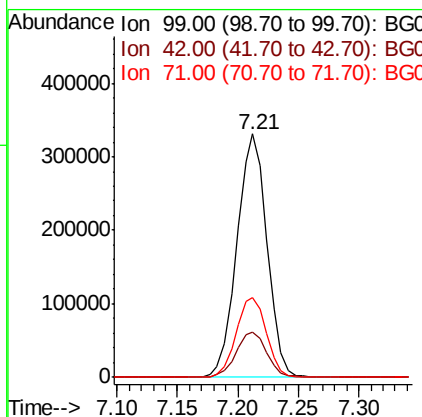
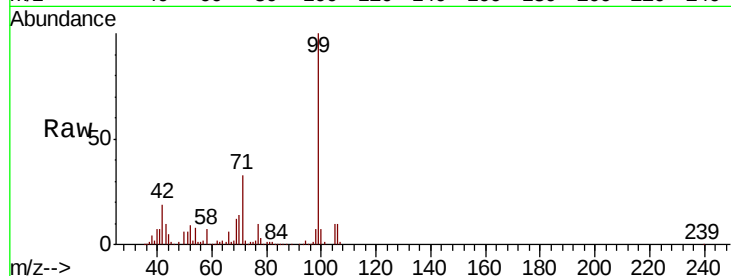
ClientSampleId :

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Tgt Ion:	99	Resp:	573627
Ion Ratio	Lower	Upper	
99	100		
42	18.5	16.2	24.2
71	32.9	26.8	40.2

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#8

2-Chlorophenol

Concen: 40.657 ng

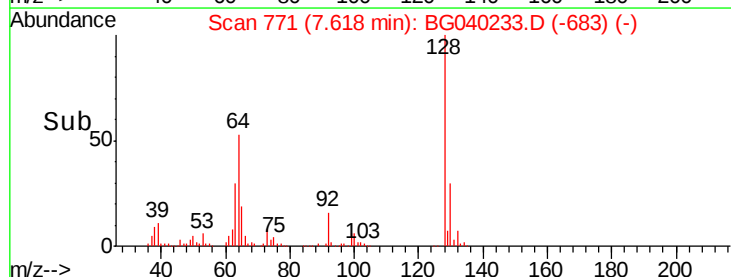
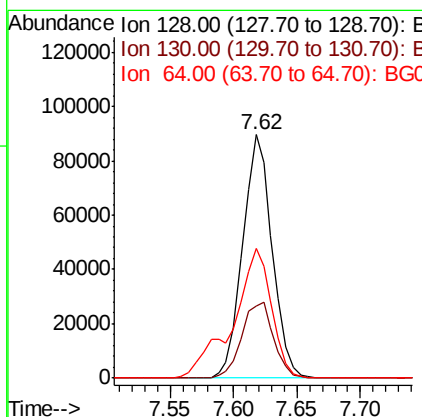
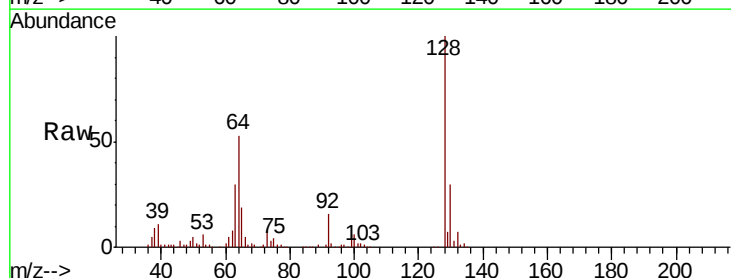
RT: 7.62 min Scan# 771

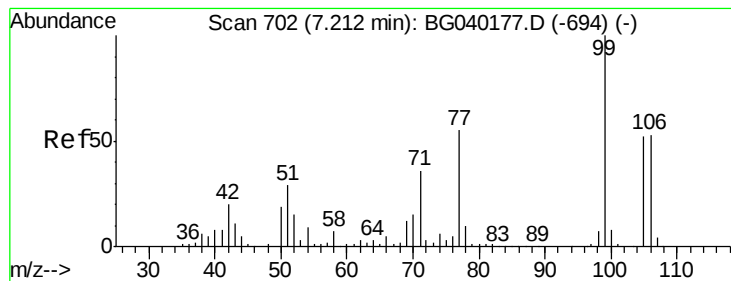
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	128	Resp:	144102
Ion Ratio	Lower	Upper	
128	100		
130	29.8	9.1	49.1
64	53.2	33.1	73.1





#9

Benzaldehyde

Concen: 41.046 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

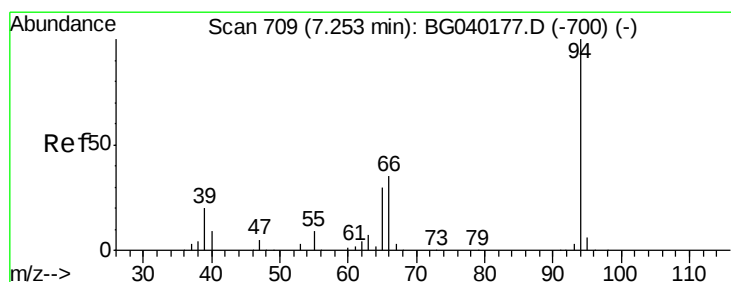
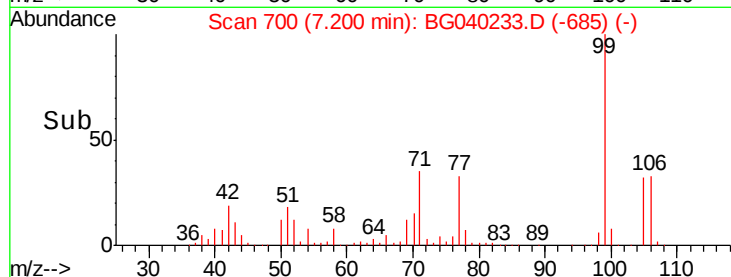
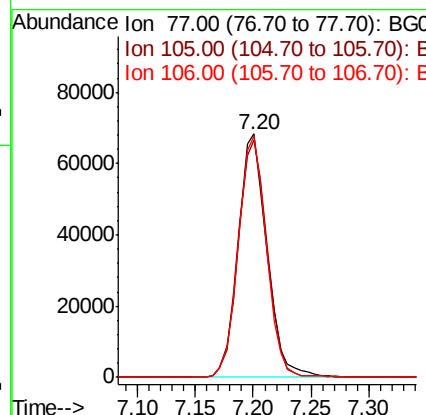
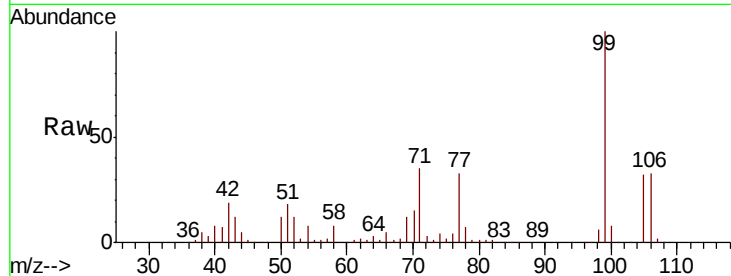
ClientSampleId :

PB118167BS

Tgt Ion:	77	Resp:	117815
Ion Ratio	Lower	Upper	
77	100		
105	97.6	75.0	115.0
106	99.2	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 42.997 ng

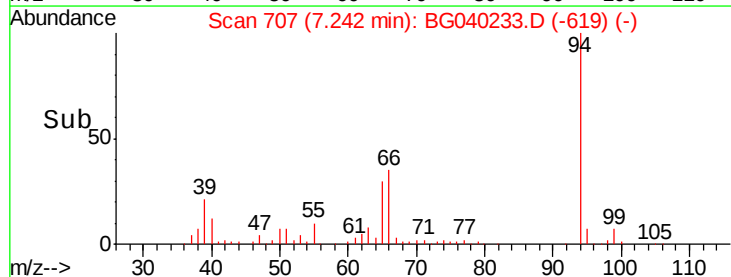
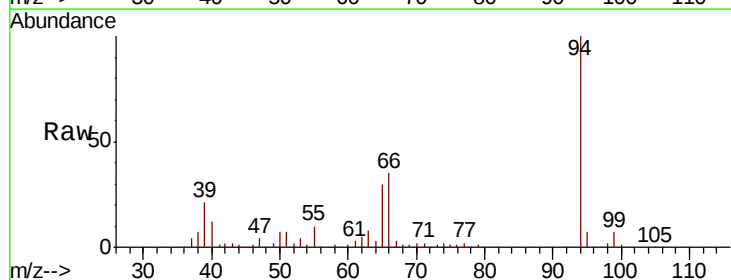
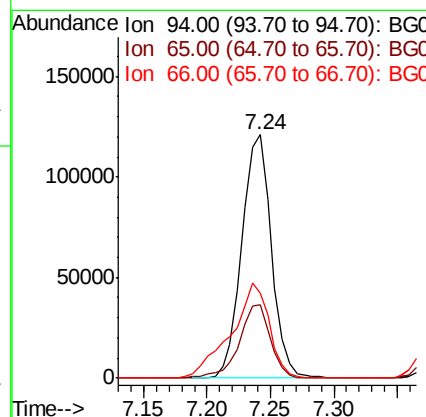
RT: 7.24 min Scan# 707

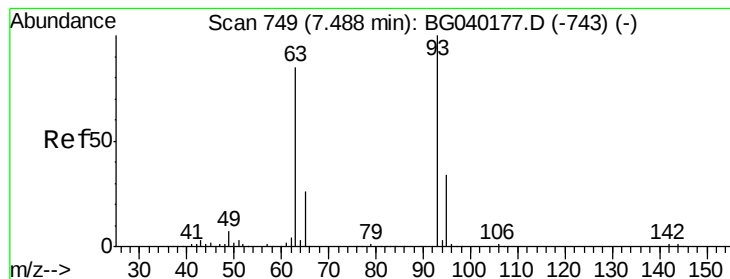
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	94	Resp:	195287
Ion Ratio	Lower	Upper	
94	100		
65	30.2	10.5	50.5
66	35.1	16.9	56.9





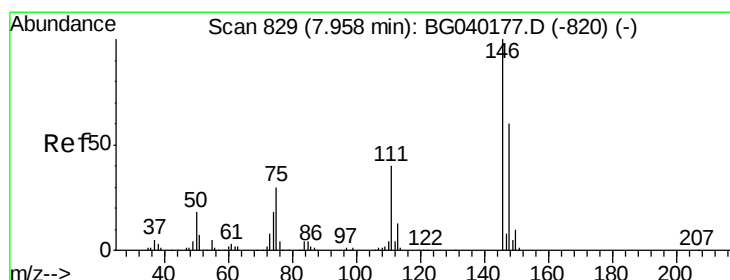
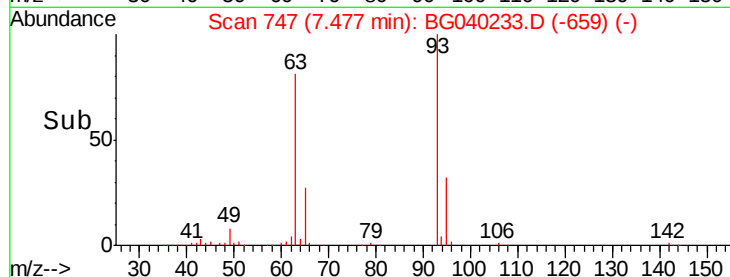
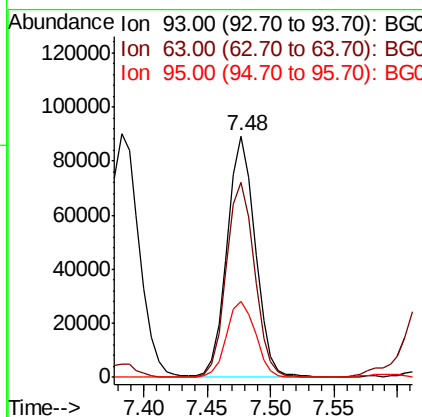
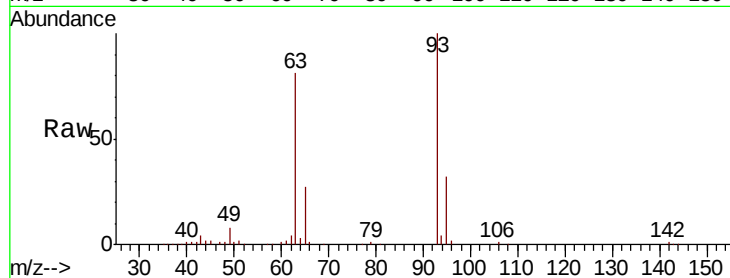
#11
bis(2-Chloroethyl)ether
Concen: 37.578 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.5	64.2	104.2
95	31.5	14.0	54.0

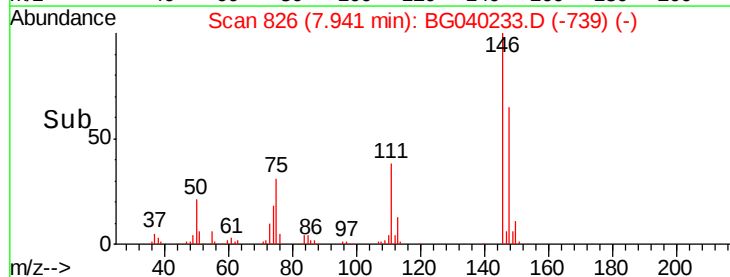
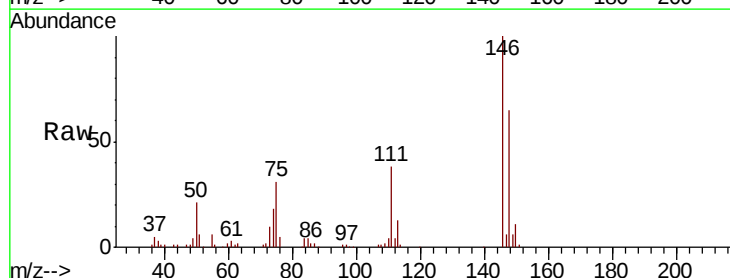
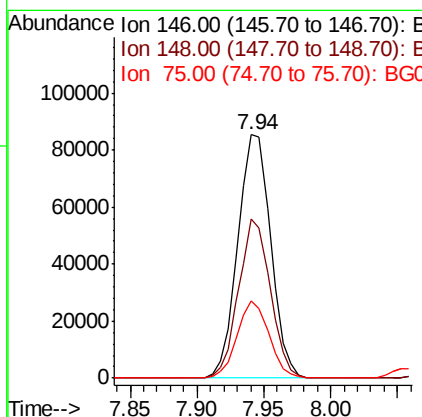
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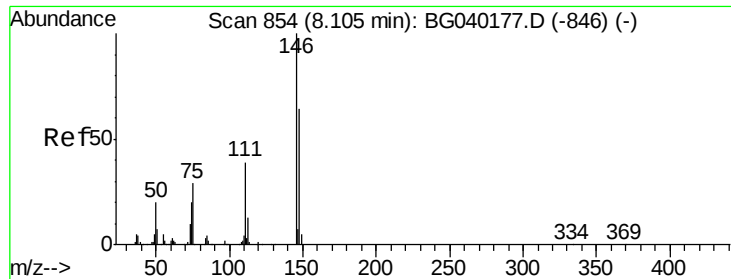
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#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	48.2	72.2
75	31.5	24.1	36.1





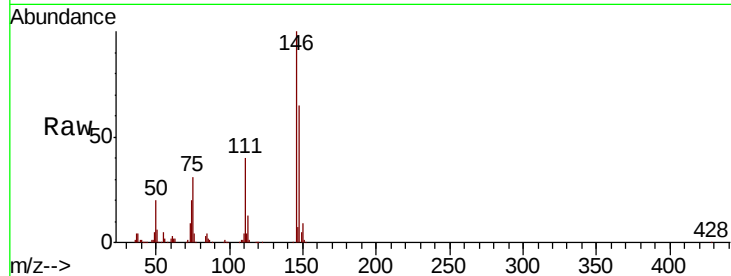
#13
 1,4-Dichlorobenzene
 Concen: 38.415 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.4
111	39.6	31.8	47.6

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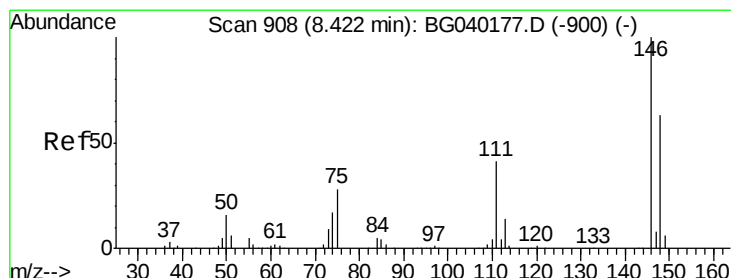
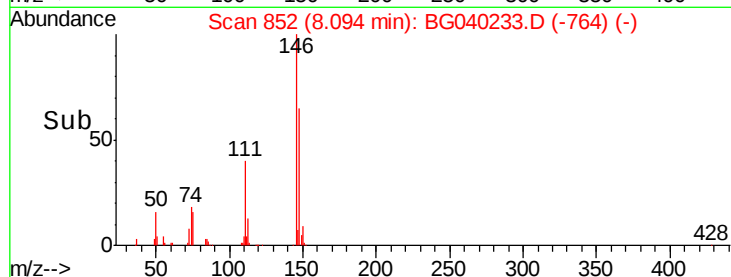
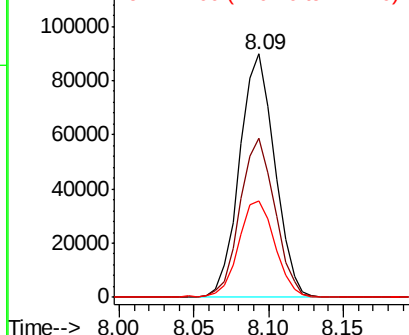


Abundance

Ion 146.00 (145.70 to 146.70): E

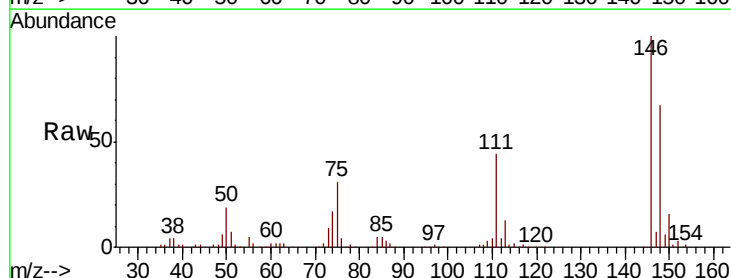
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.298 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.8	76.2
111	44.0	33.4	50.0

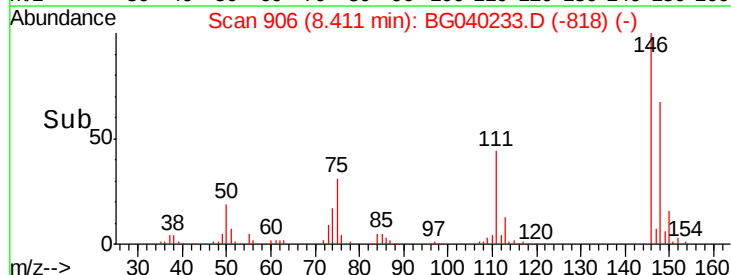
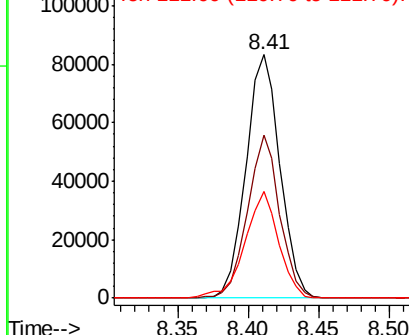


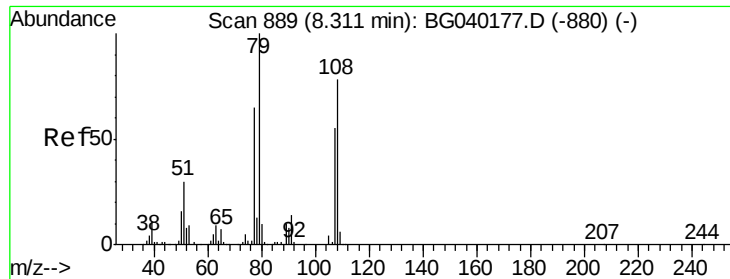
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.345 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

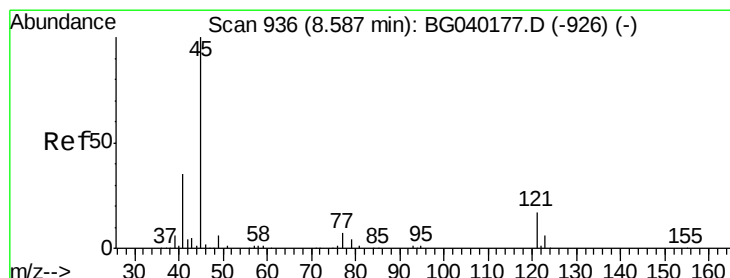
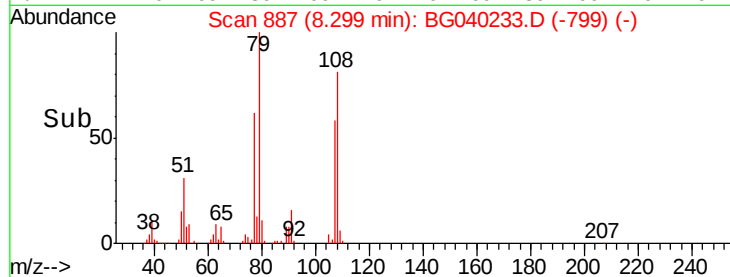
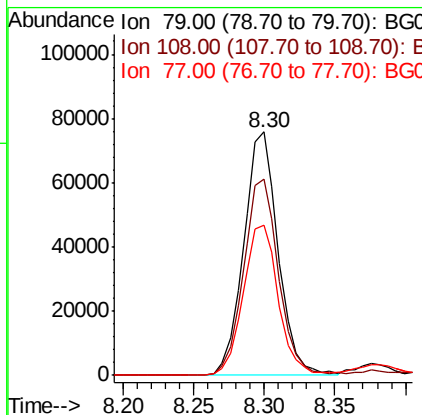
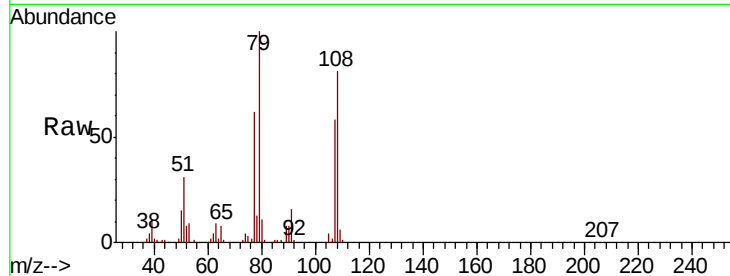
ClientSampleId :

PB118167BS

Tgt Ion:	79	Resp:	129220
Ion Ratio	Lower	Upper	
79	100		
108	80.8	62.1	93.1
77	61.9	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.888 ng

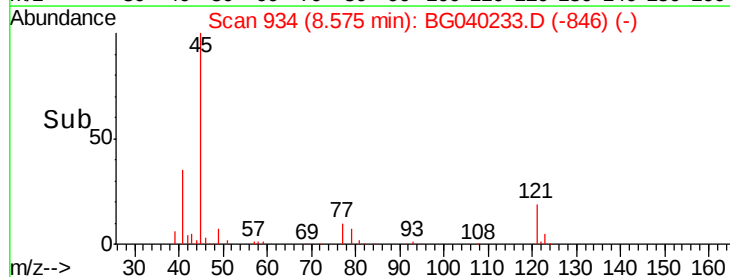
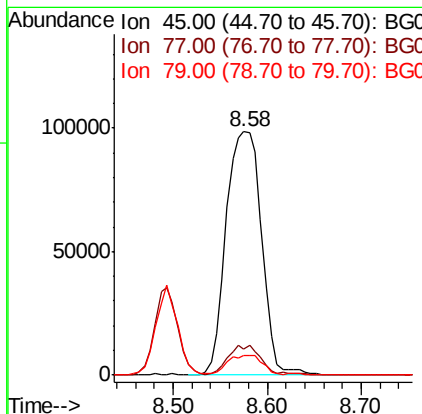
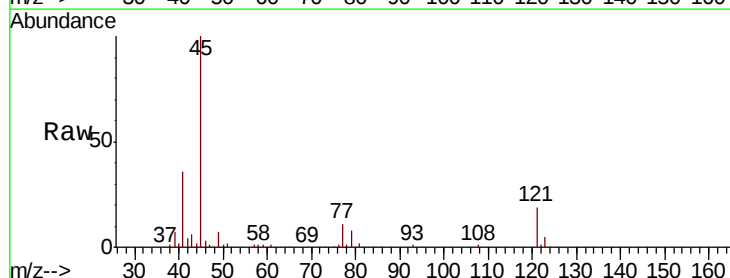
RT: 8.58 min Scan# 934

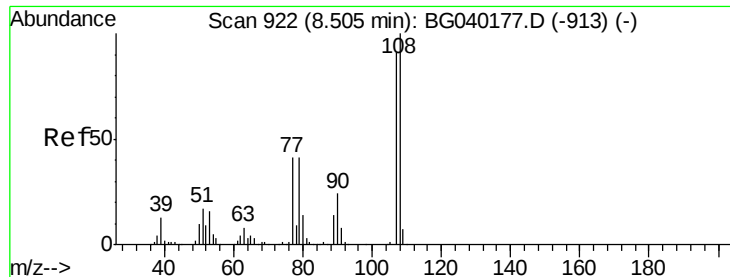
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	45	Resp:	257534
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	31.4
79	7.9	0.0	28.3





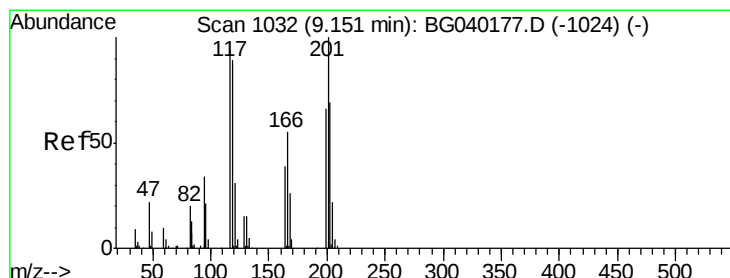
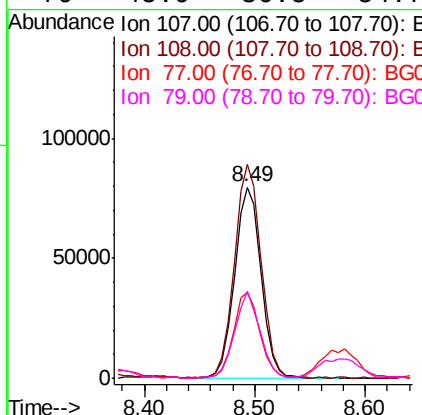
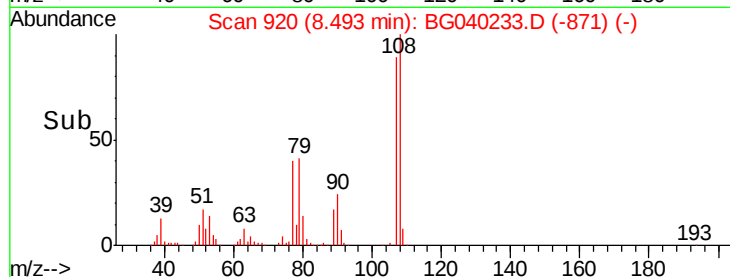
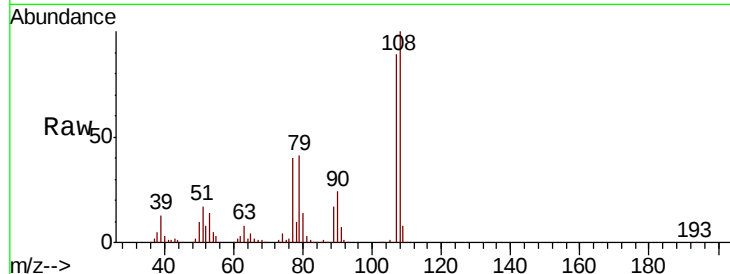
#17
2-Methylphenol
Concen: 42.616 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	133937		
108	111.8	88.2	132.4	
77	44.7	36.6	55.0	
79	45.9	36.5	54.7	

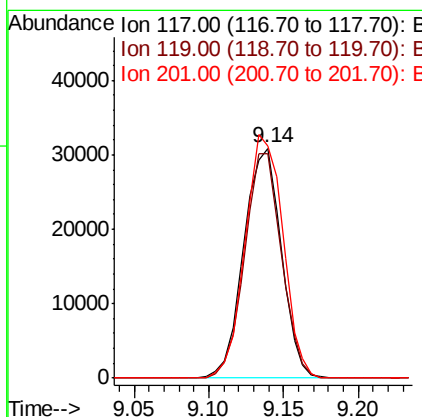
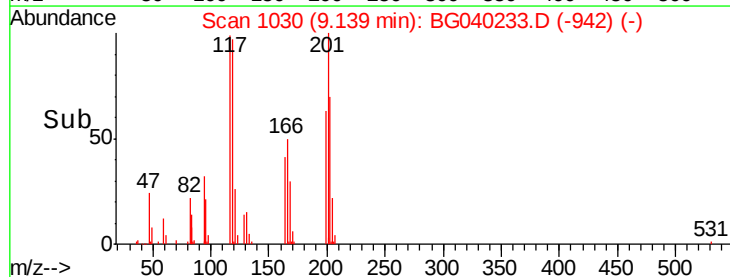
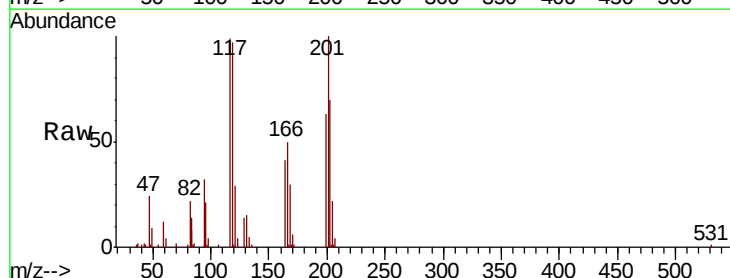
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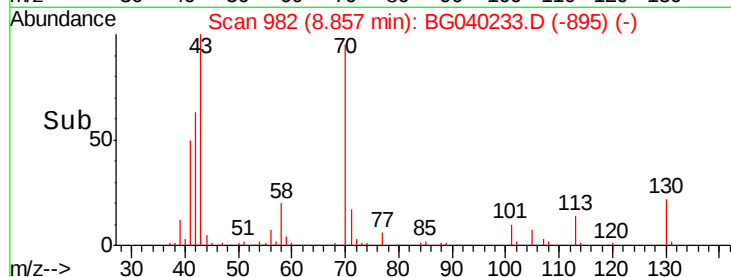
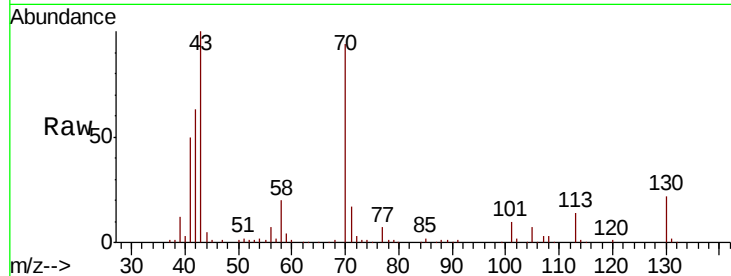
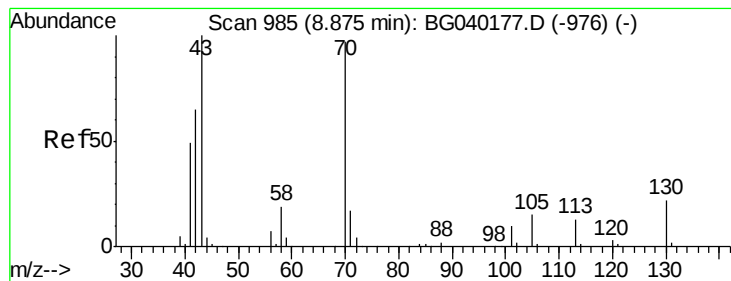
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#18
Hexachloroethane
Concen: 36.714 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53590		
119	97.7	76.6	115.0	
201	101.1	85.0	127.4	





#19

n-Nitroso-di-n-propylamine

Concen: 36.892 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.0	81.0
101	10.4	8.6	13.0
130	22.9	18.2	27.2

Instrument :

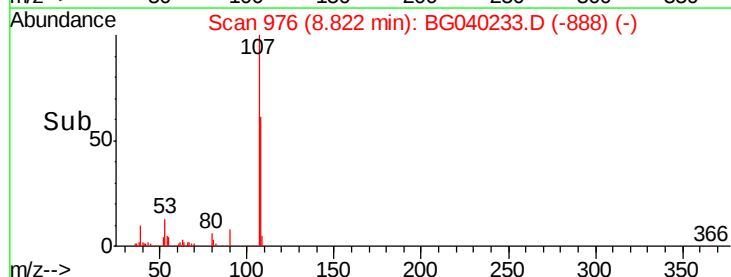
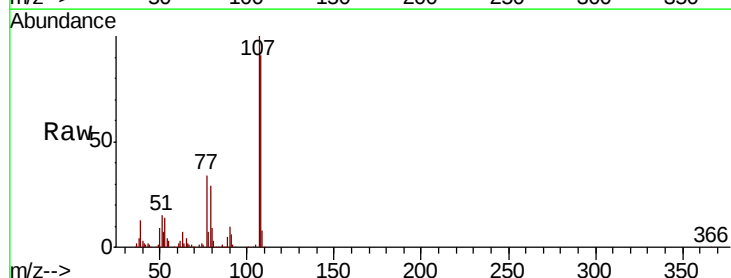
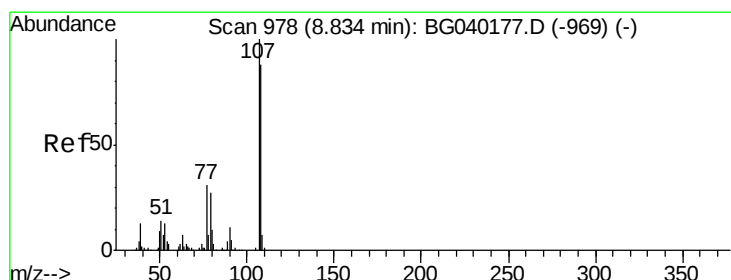
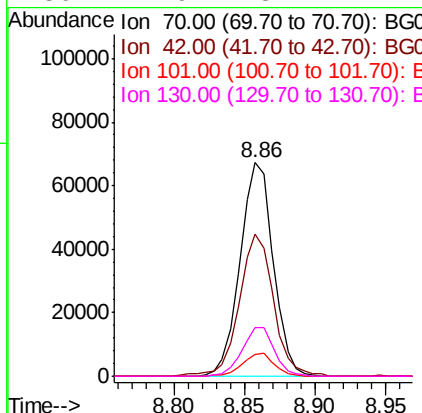
BNA_G

ClientSampleId :

PB118167BS

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#20

3+4-Methylphenols

Concen: 43.265 ng

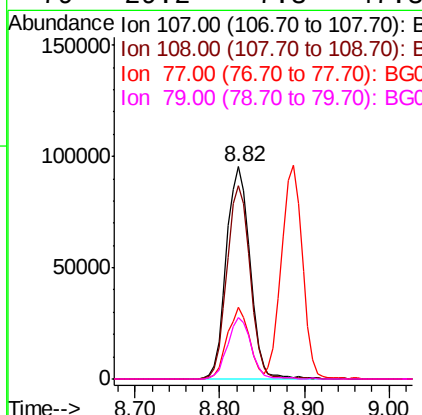
RT: 8.82 min Scan# 976

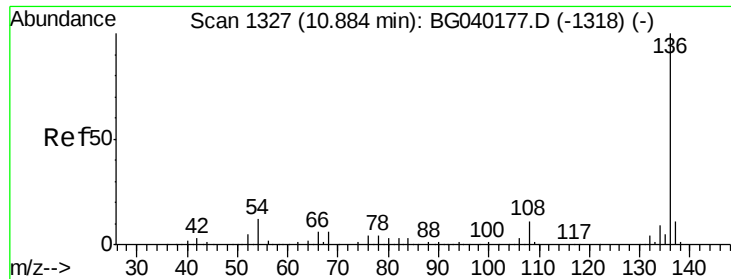
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.3	108.3
77	33.6	11.3	51.3
79	29.2	7.3	47.3





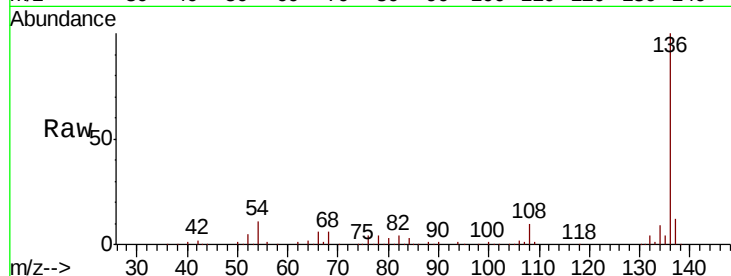
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

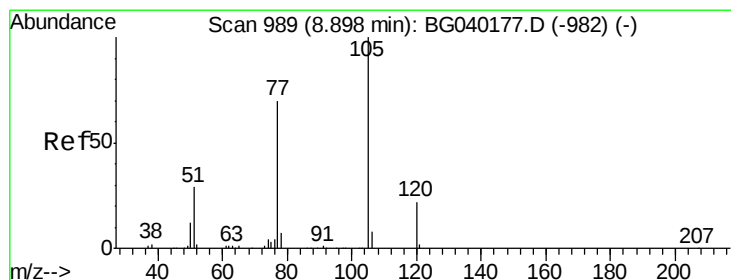
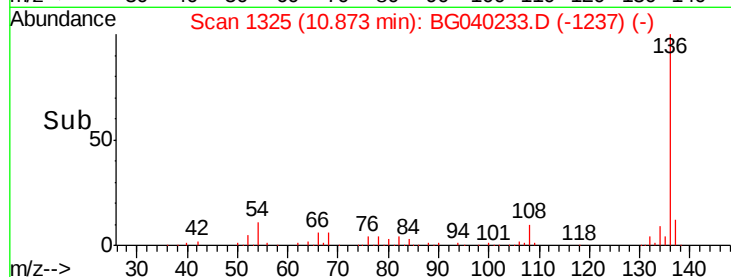
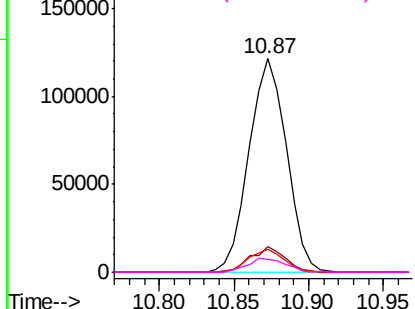
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	211645		
137	11.9	8.9	13.3	
54	10.9	9.6	14.4	
68	5.9	5.1	7.7	

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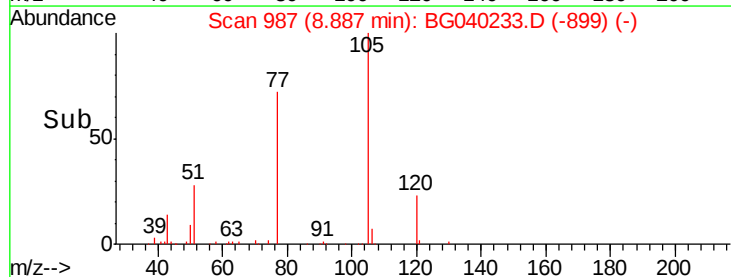
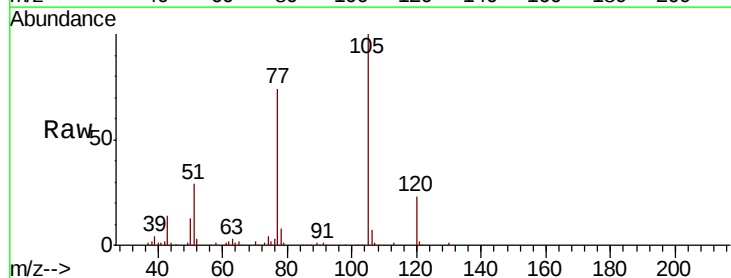
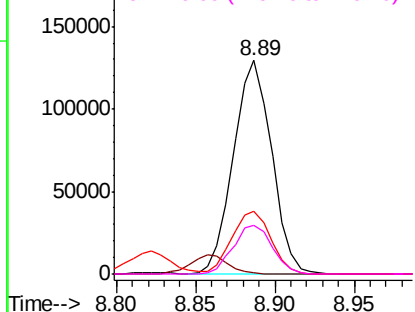
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

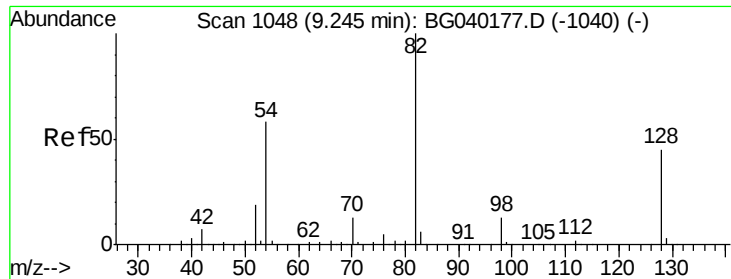


#22
Acetophenone
Concen: 40.907 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215969		
71	0.3	0.6	1.0#	
51	29.1	25.1	37.7	
120	22.7	17.6	26.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





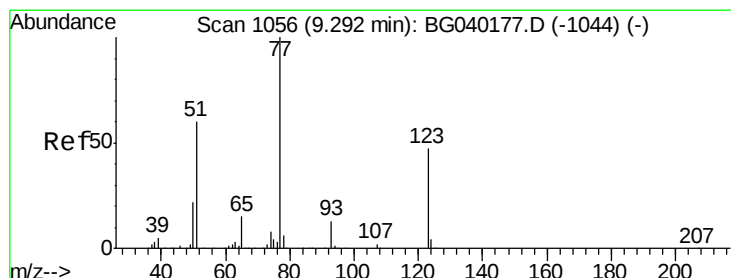
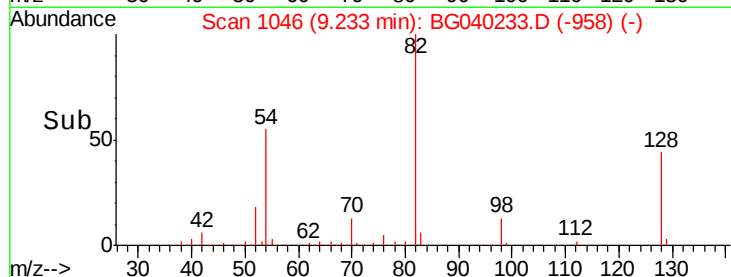
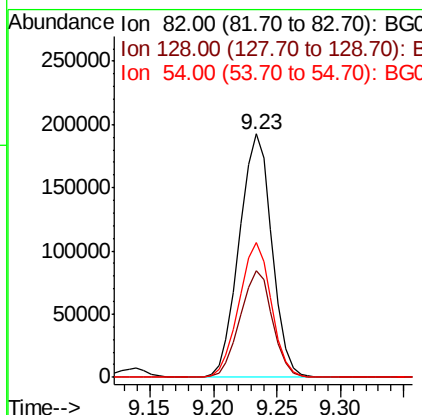
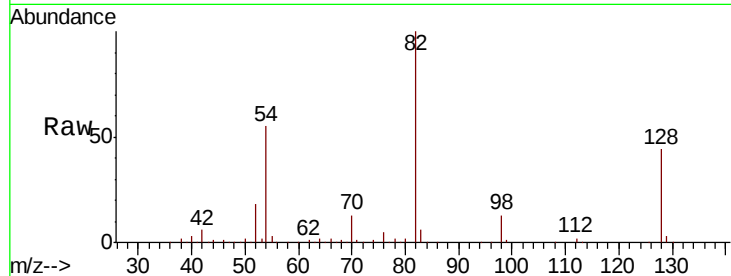
#23
 Nitrobenzene-d5
 Concen: 86.126 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	342936		
128	43.8	35.8	53.8	
54	55.3	46.2	69.2	

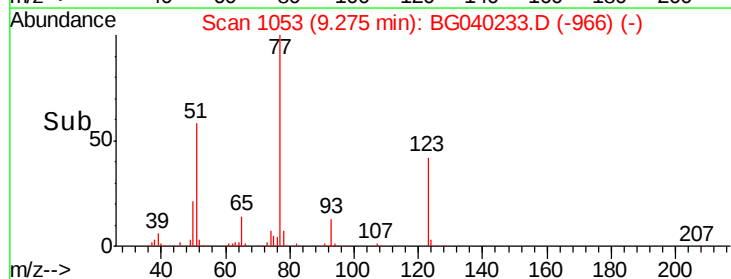
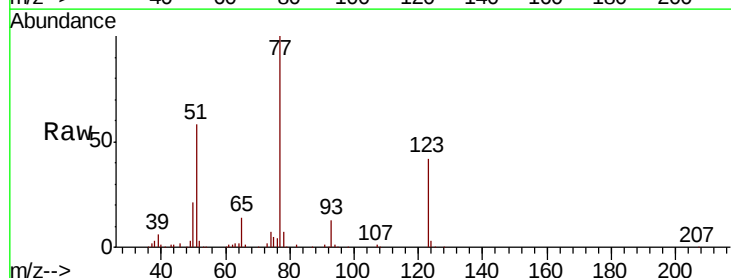
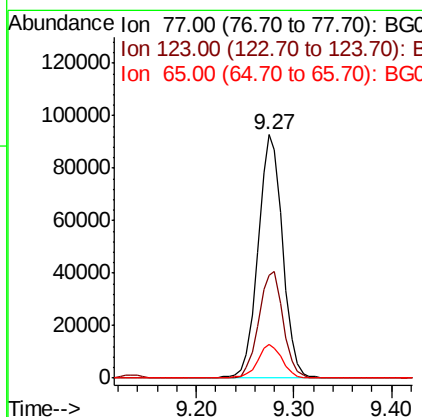
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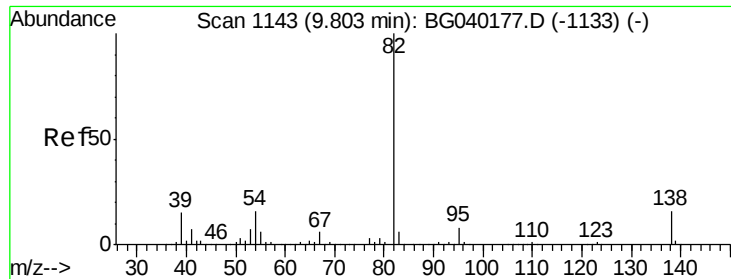
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#24
 Nitrobenzene
 Concen: 39.842 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	164277		
123	42.3	37.8	56.6	
65	14.1	12.0	18.0	





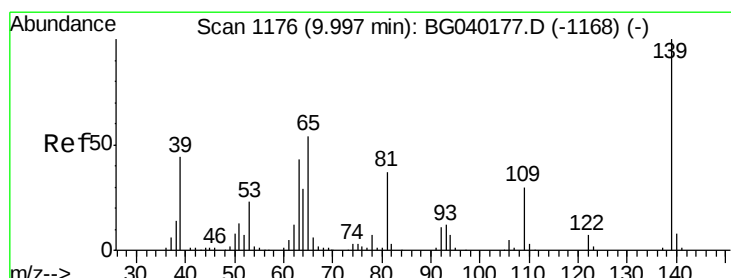
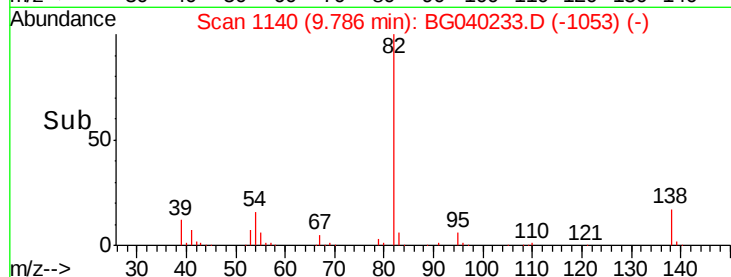
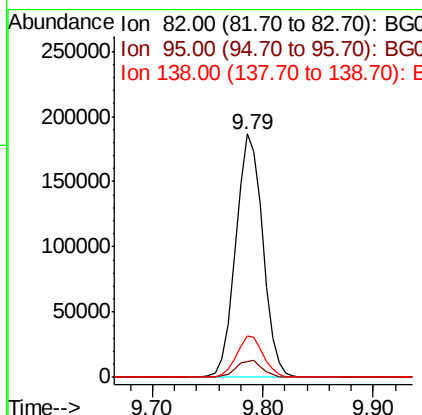
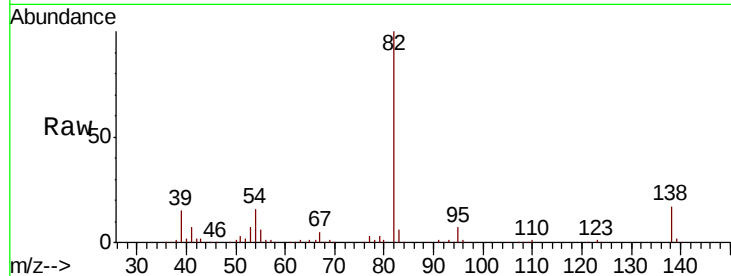
#25
Isophorone
Concen: 39.210 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	321235		
95	6.5		6.1	9.1
138	16.8		13.2	19.8

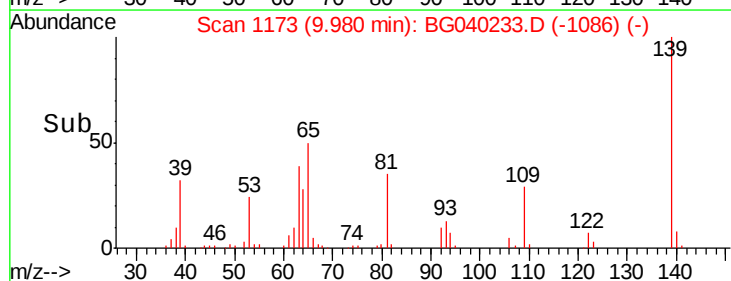
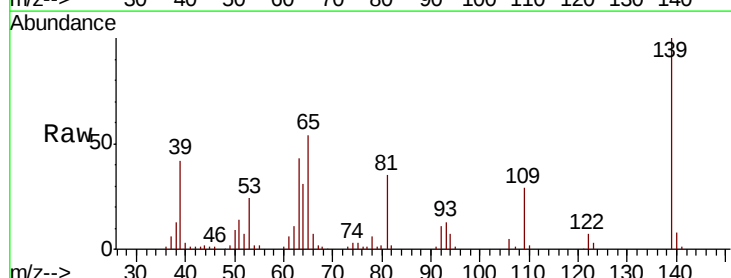
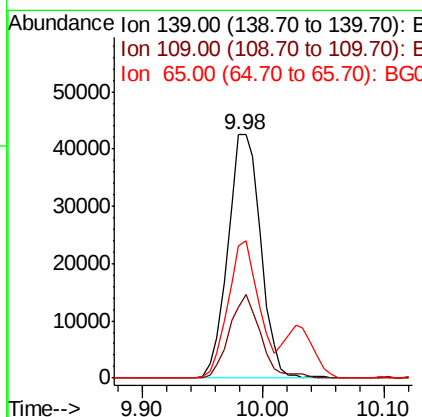
Manual Integrations
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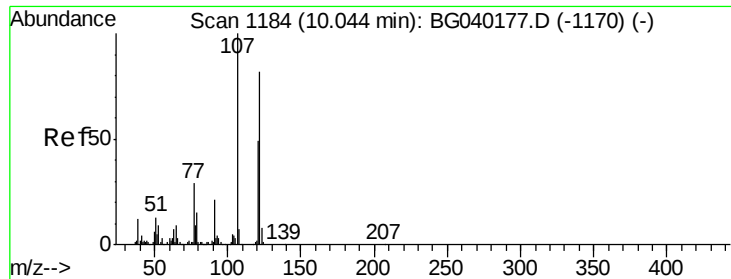
Sohil
4/1/2019 10:06:04 AM



#26
2-Nitrophenol
Concen: 41.065 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	80231		
109	29.2		24.1	36.1
65	54.5		43.0	64.6





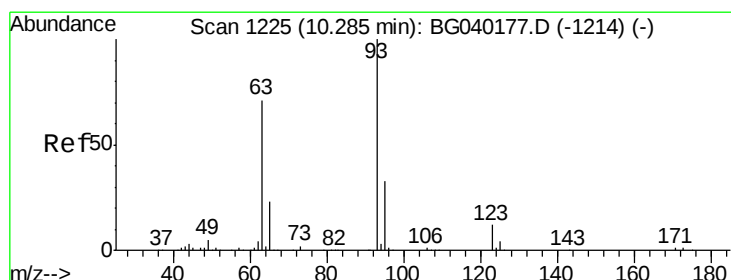
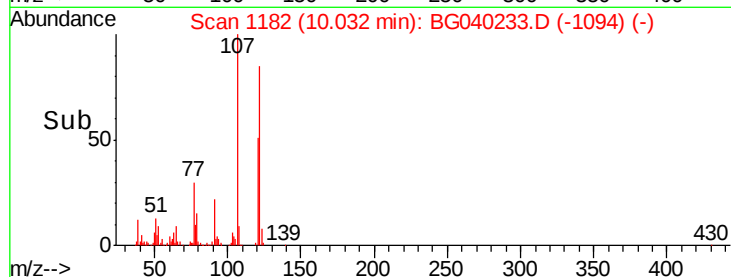
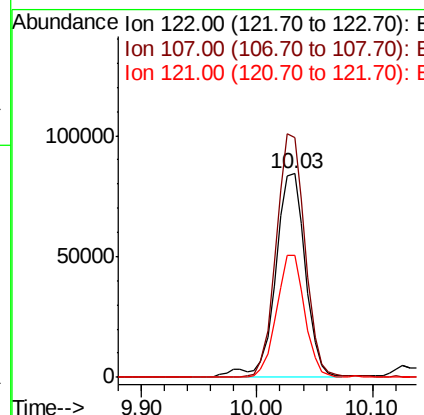
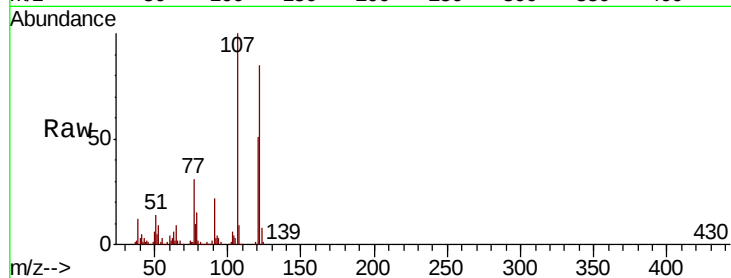
#27
2,4-Dimethylphenol
Concen: 48.998 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	152060		
107	117.4	97.4	146.2	
121	59.6	47.7	71.5	

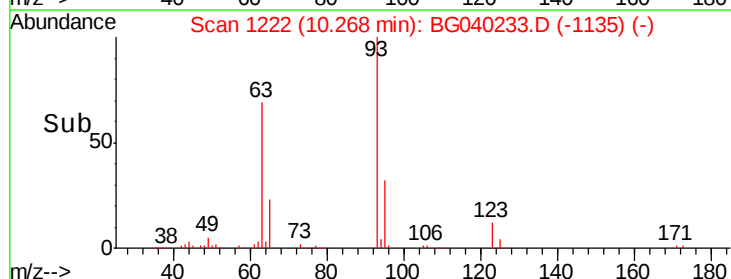
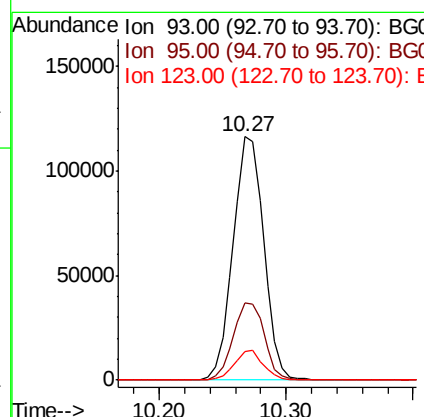
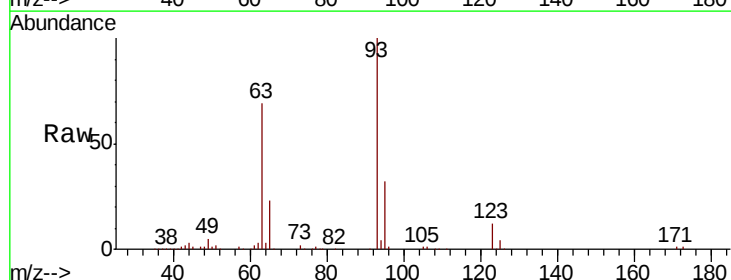
Manual Integrations
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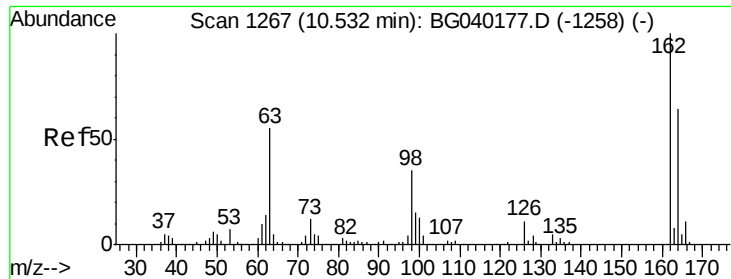
Sohil
4/1/2019 10:06:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.192 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194816		
95	31.9	26.2	39.4	
123	11.5	9.4	14.0	





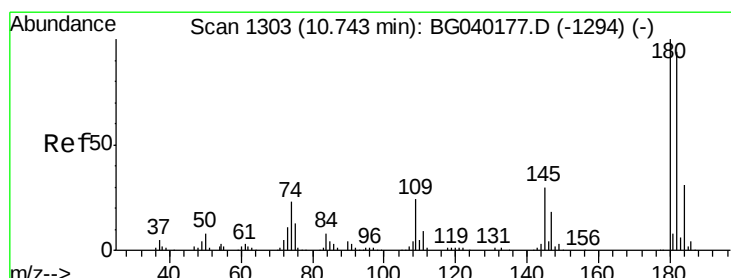
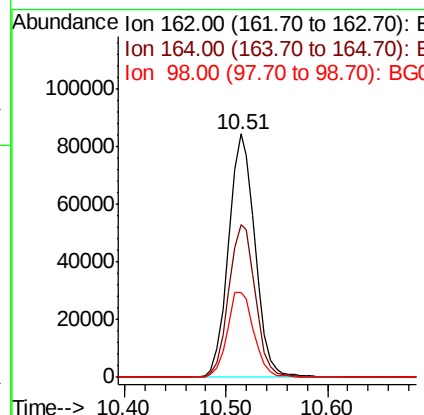
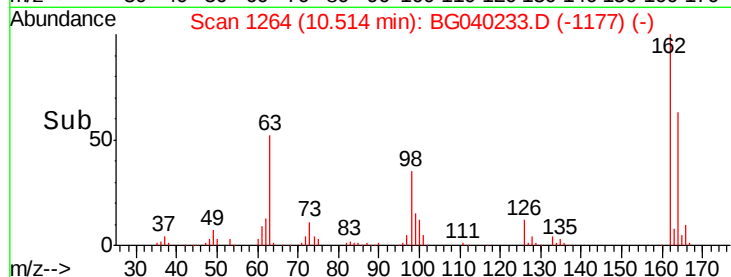
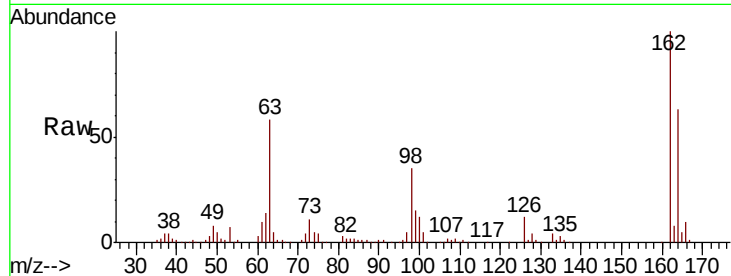
#29
 2,4-Dichlorophenol
 Concen: 45.290 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleID :
 PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	152561		
164	62.6	43.9	83.9	
98	34.8	15.6	55.6	

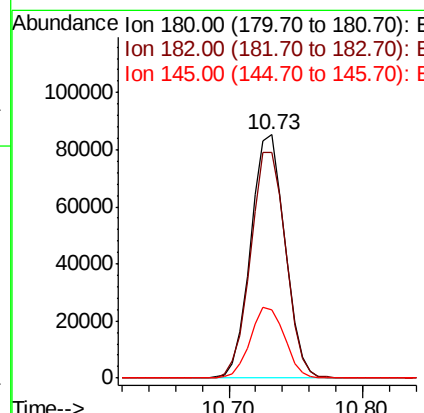
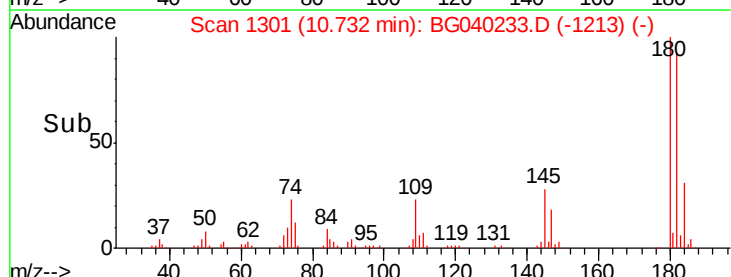
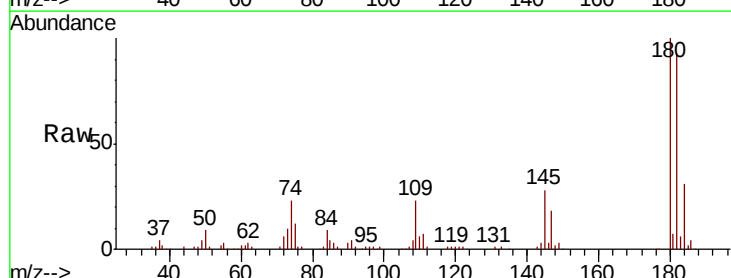
Manual Integrations
 APPROVED

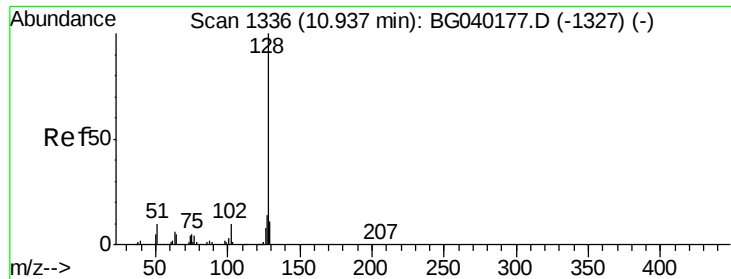
Sohil
 4/1/2019 10:06:04 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.646 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150342		
182	92.7	75.1	112.7	
145	27.8	24.1	36.1	





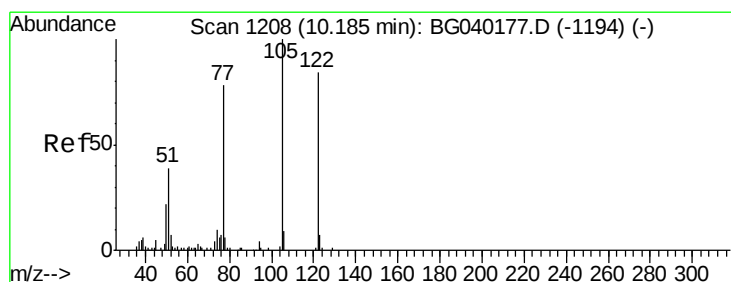
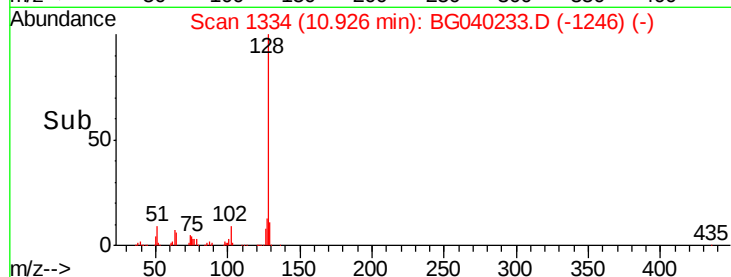
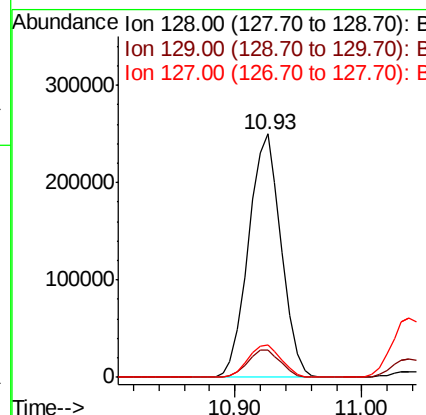
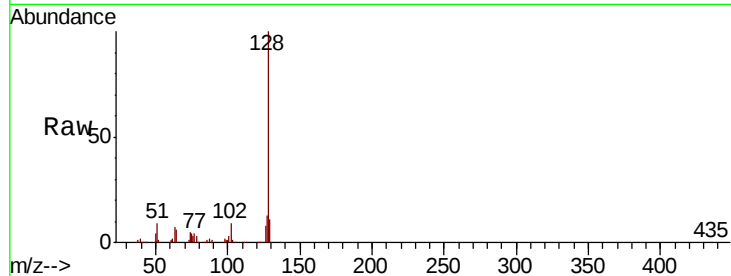
#31
Naphthalene
Concen: 41.034 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	445152		
129	11.3	8.9	13.3	
127	13.2	11.4	17.0	

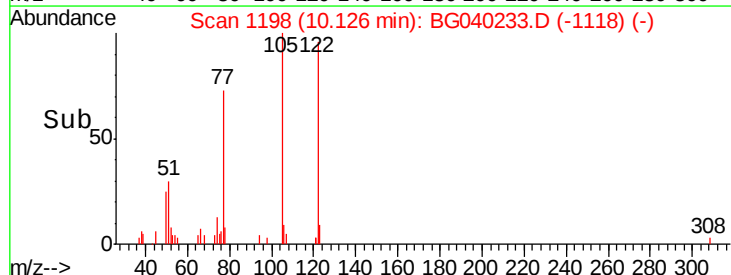
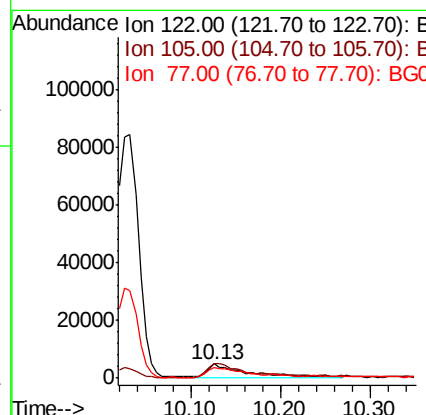
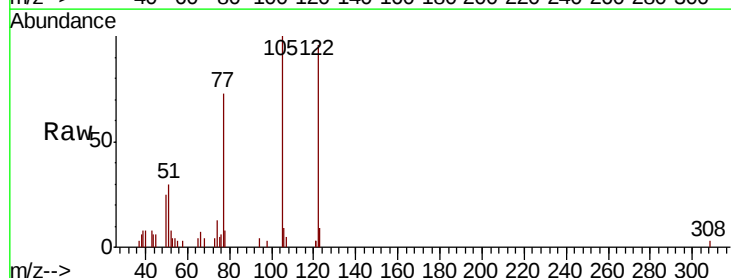
Manual Integrations
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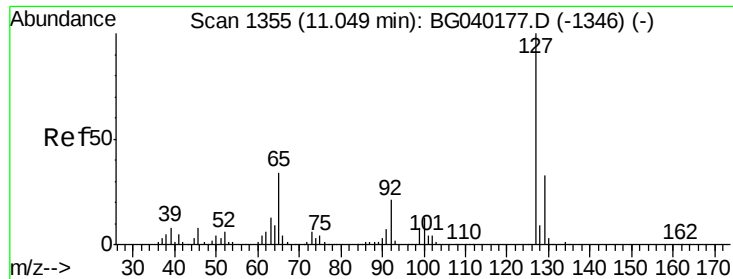
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#32
Benzoic acid
Concen: 8.406 ng m
RT: 10.13 min Scan# 1198
Delta R.T. -0.06 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15762		
105	104.4	98.2	138.2	
77	76.3	73.6	113.6	





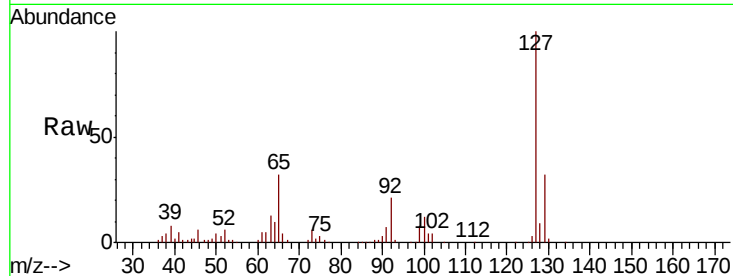
#33
4-Chloroaniline
Concen: 25.649 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	118688		
129	31.7	26.6	40.0	
65	32.0	27.0	40.4	
92	21.0	16.6	25.0	

Manual Integrations
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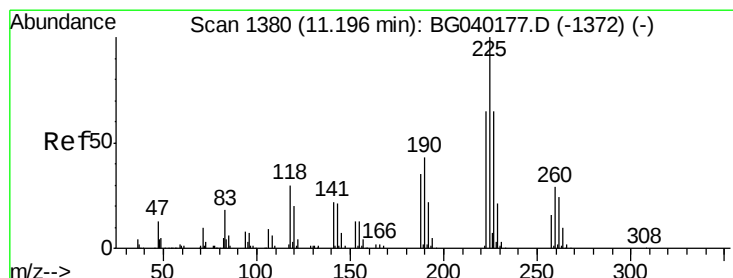
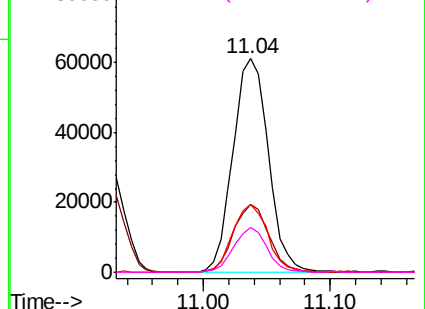
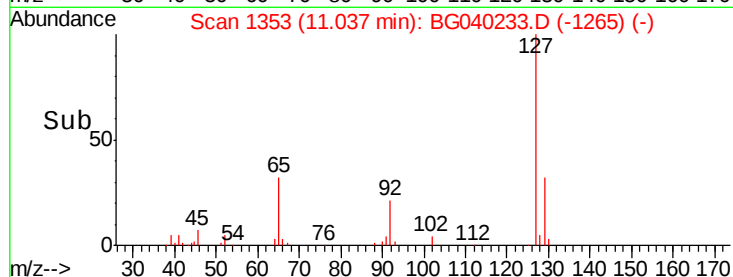
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

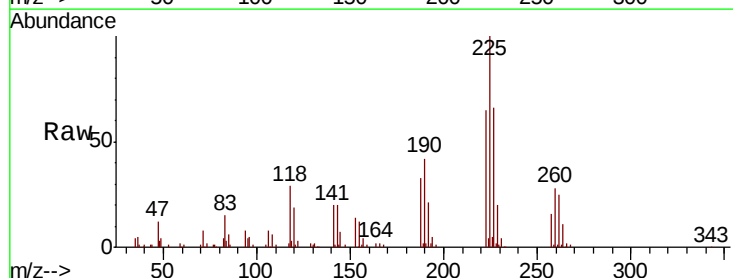
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.964 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89806		
223	65.4	51.8	77.8	
227	65.9	54.9	82.3	

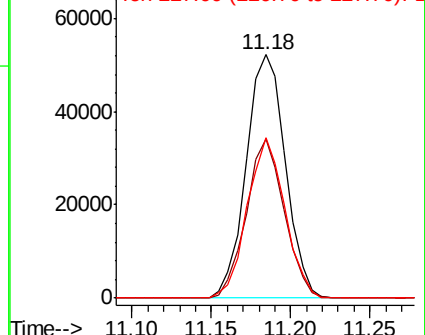
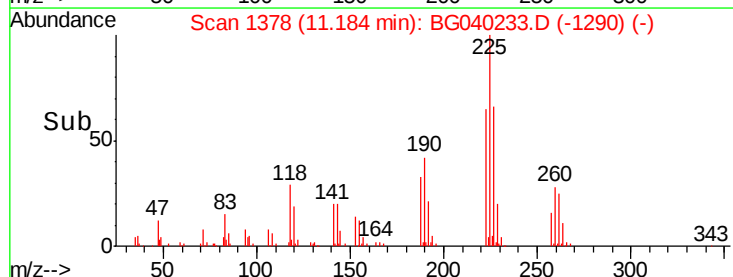


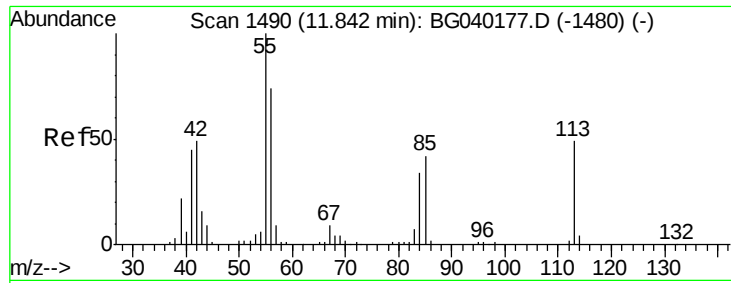
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





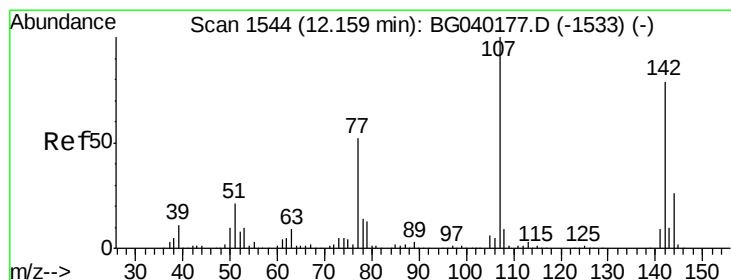
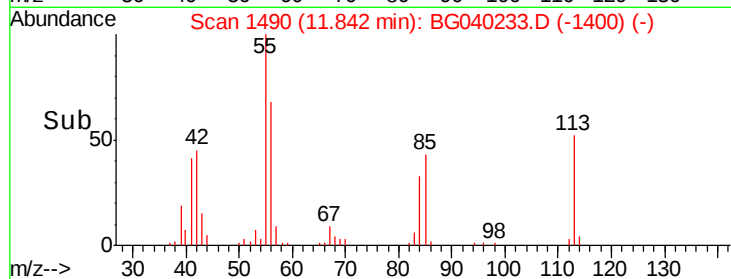
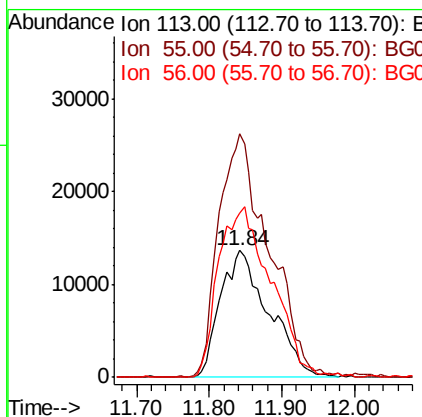
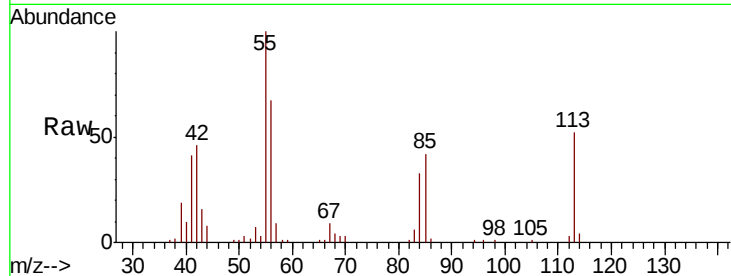
#35
 Caprolactam
 Concen: 47.336 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleID :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	192.3	184.2	224.2
56	129.2	131.3	171.3

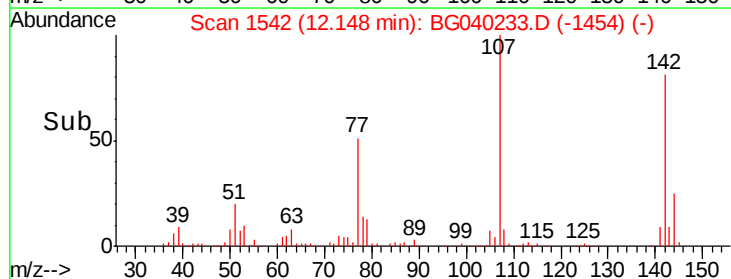
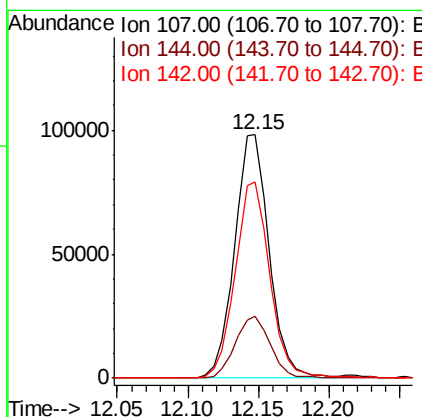
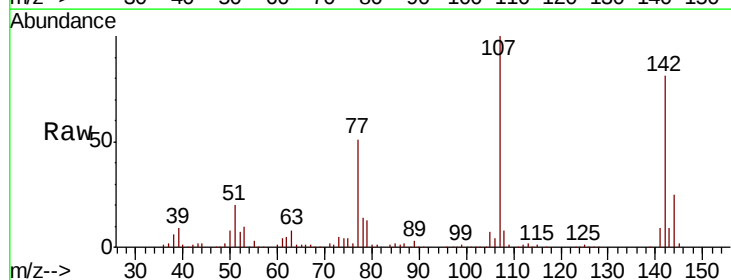
Manual Integrations
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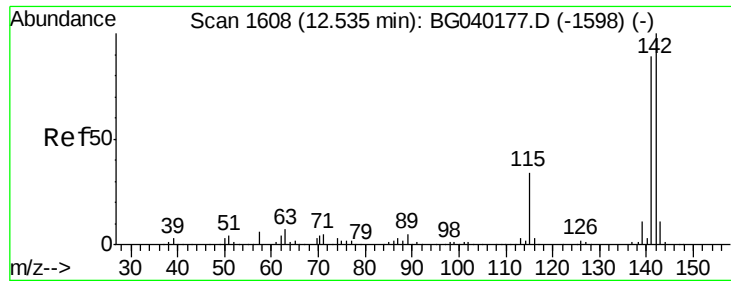
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#36
 4-Chloro-3-methylphenol
 Concen: 43.441 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	80.8	63.1	94.7





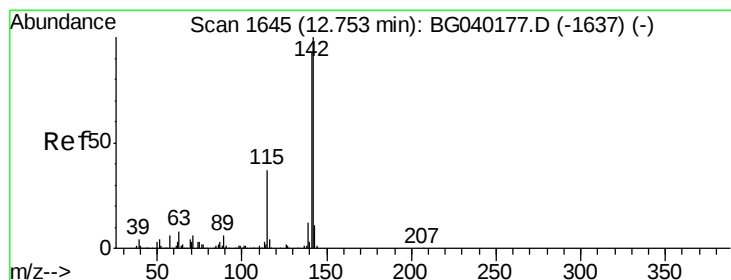
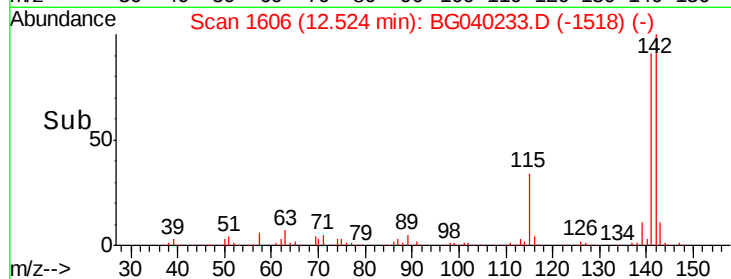
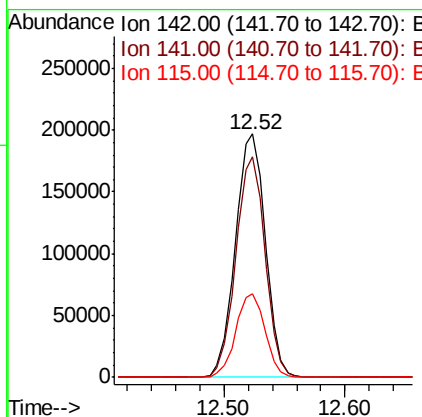
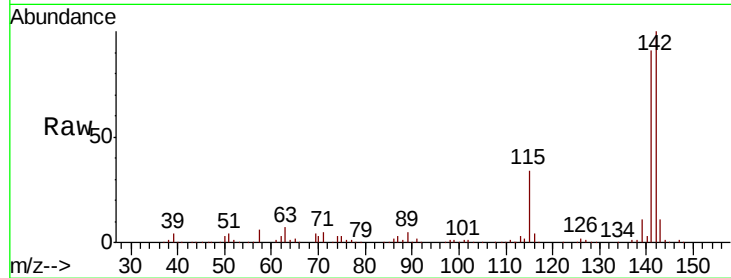
#37
 2-Methylnaphthalene
 Concen: 42.477 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	34.4	27.3	40.9

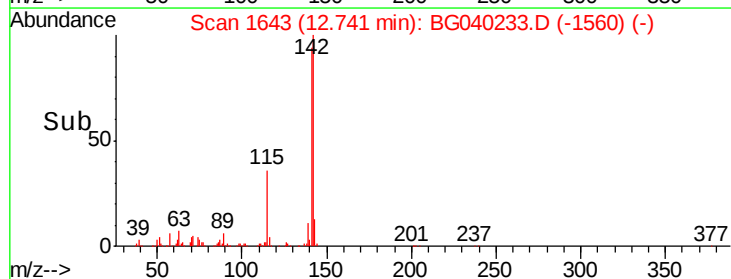
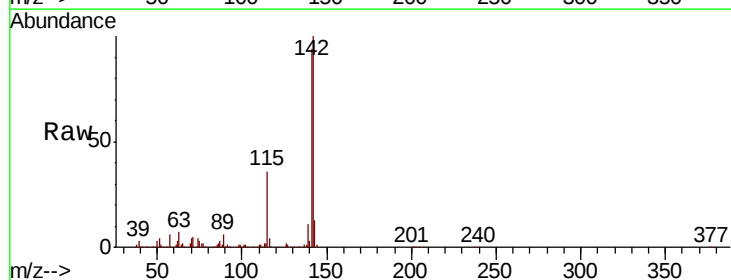
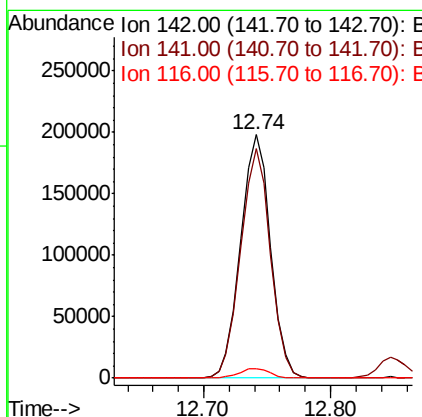
Manual Integrations
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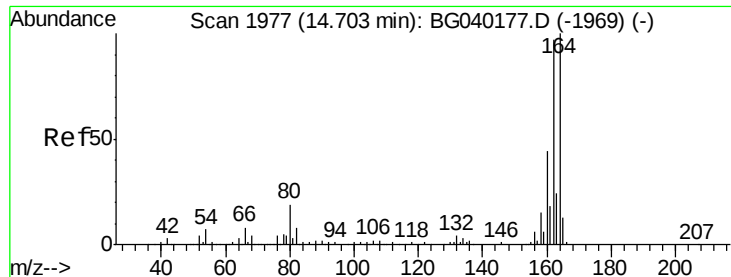
Sohil
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#38
 1-Methylnaphthalene
 Concen: 41.578 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.2	111.4
116	3.8	3.0	4.4





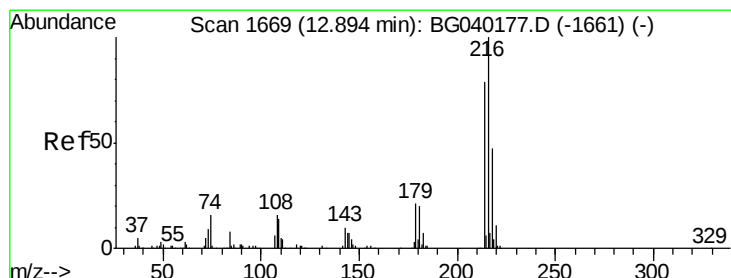
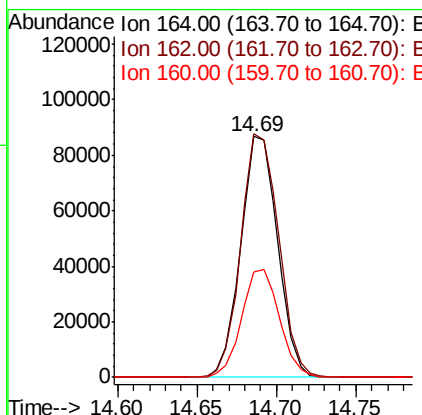
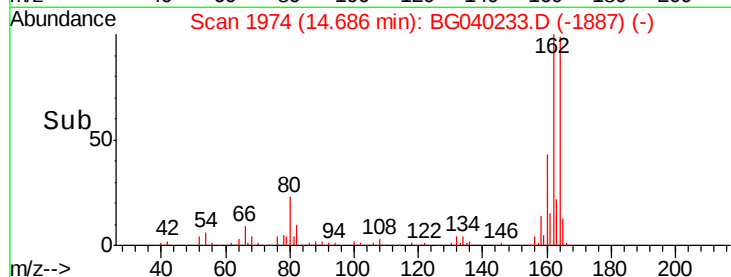
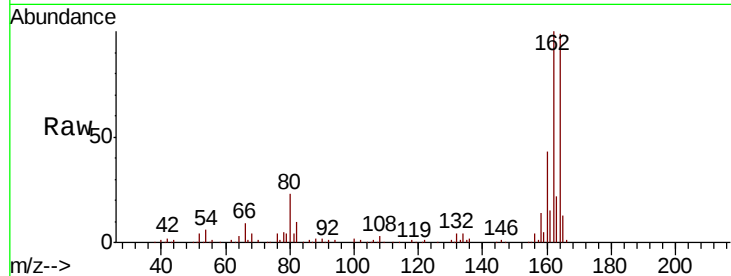
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	77.4	116.2
160	43.5	35.3	52.9

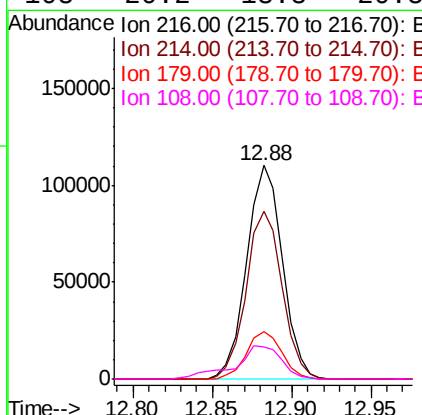
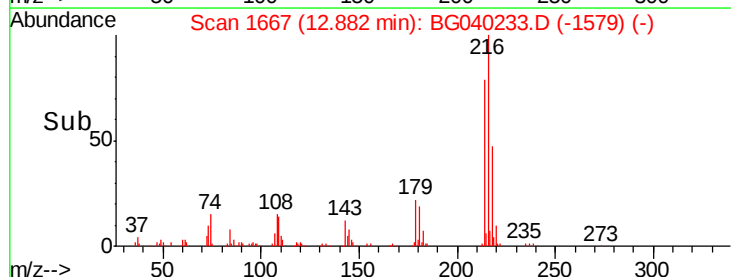
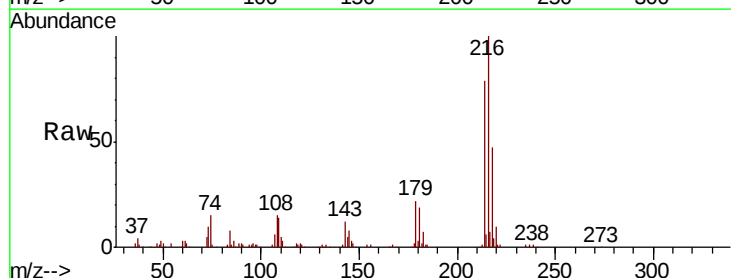
Manual Integrations
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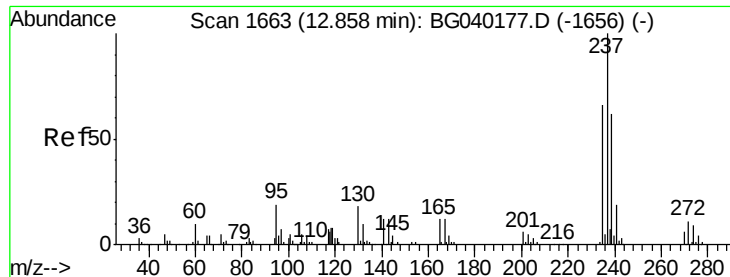
Sohil
4/1/2019 10:06:04 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.729 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	21.9	16.6	25.0
108	20.2	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 93.965 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

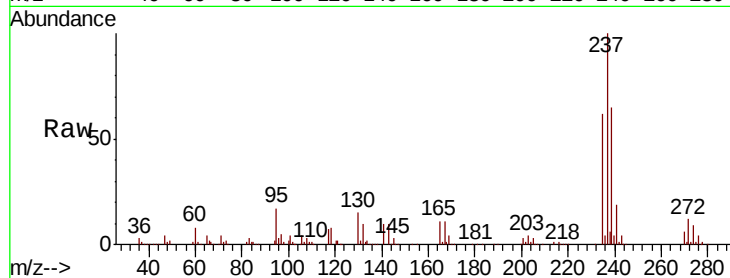
ClientSampleId :

PB118167BS

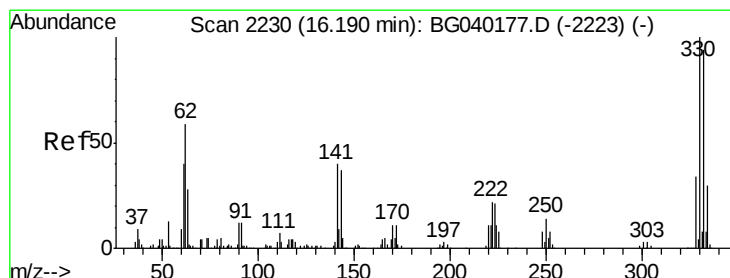
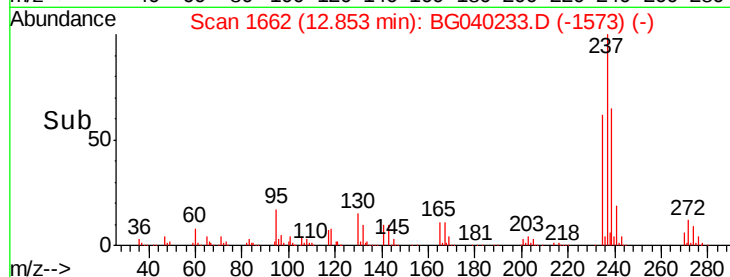
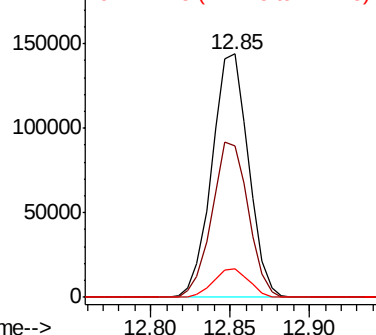
Tgt Ion:	237	Resp:	229872
Ion Ratio	Lower	Upper	
237	100		
235	62.4	46.2	86.2
272	11.6	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 147.499 ng

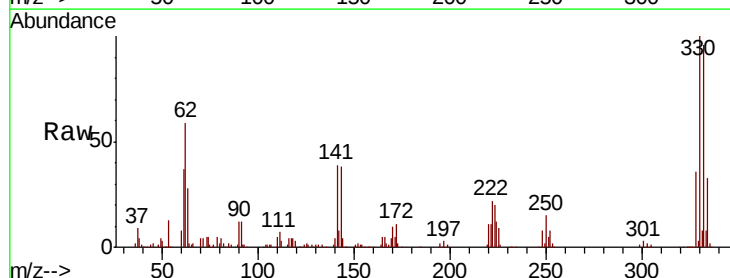
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

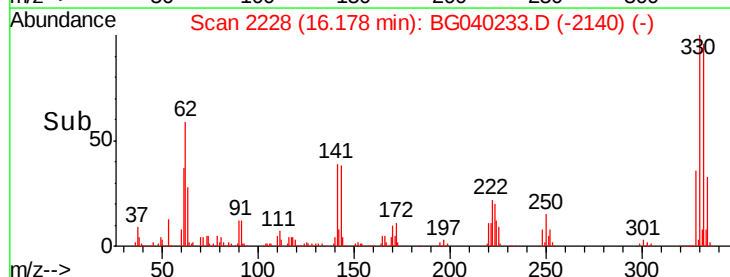
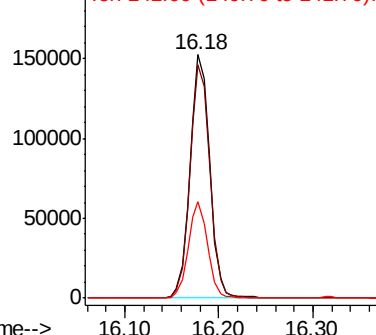
Lab File: BG040233.D

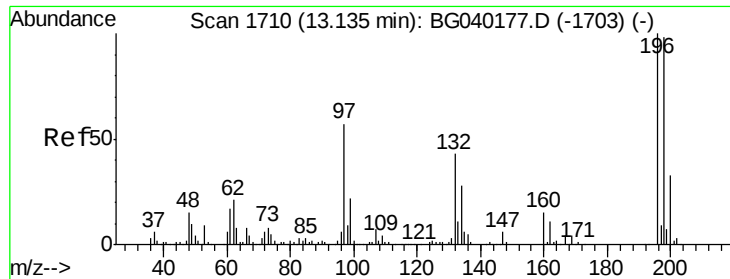
Acq: 29 Mar 2019 19:56

Tgt Ion:	330	Resp:	223459
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	115.0
141	38.7	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





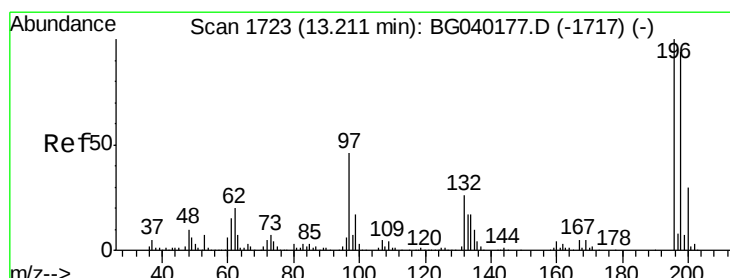
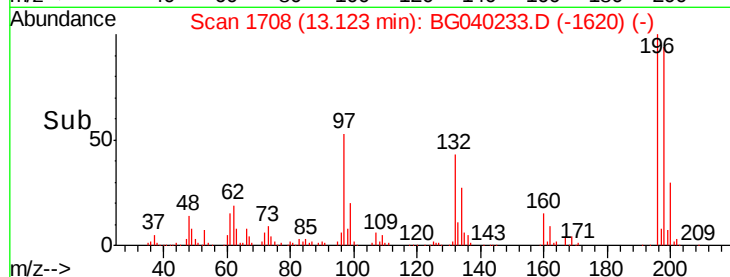
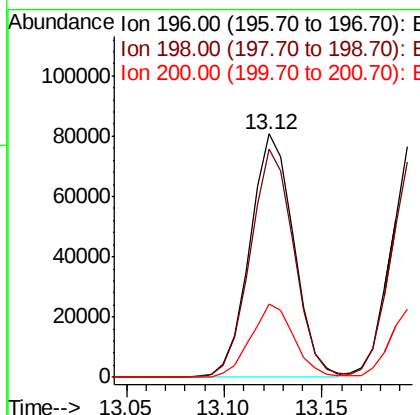
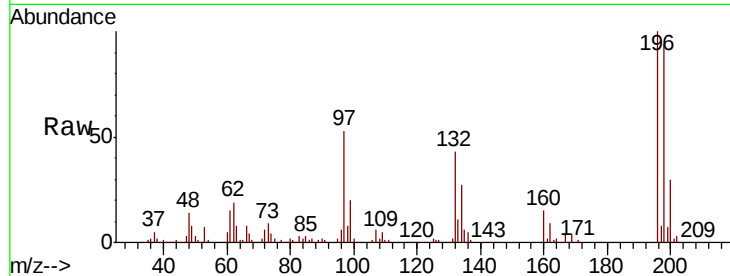
#43
2,4,6-Trichlorophenol
Concen: 43.716 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampled :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125578		
198	93.7	78.3	117.5	
200	30.4	26.0	39.0	

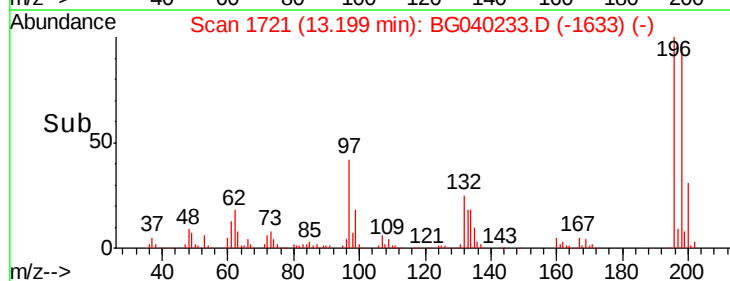
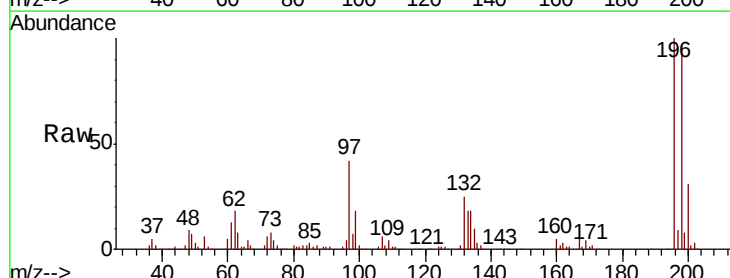
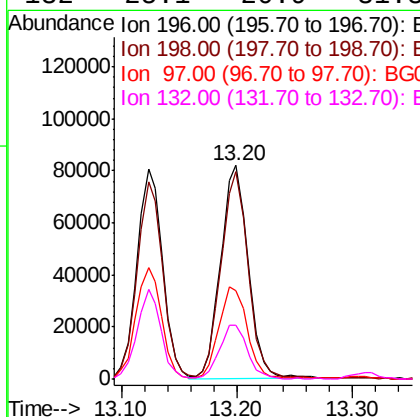
Manual Integrations
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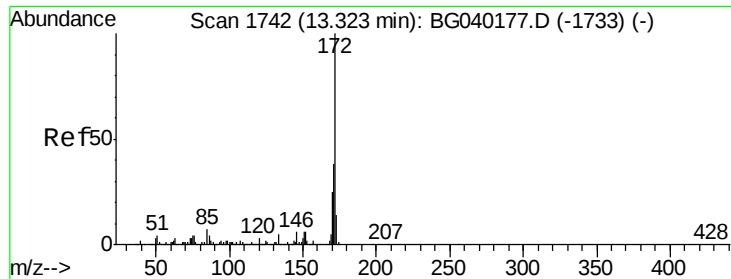
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#44
2,4,5-Trichlorophenol
Concen: 43.434 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135994		
198	97.0	75.0	112.6	
97	41.5	37.3	55.9	
132	25.1	20.9	31.3	





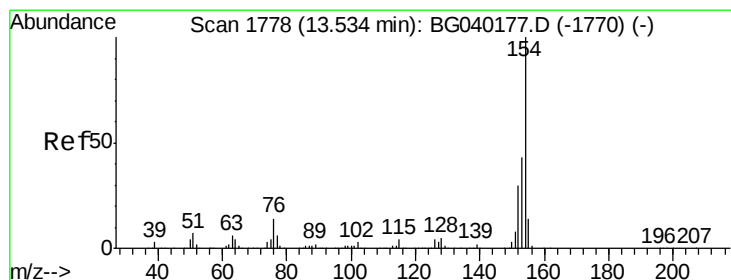
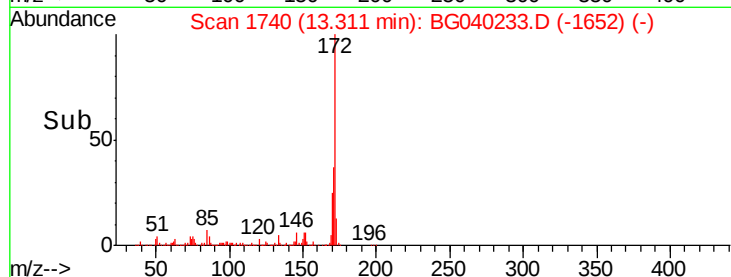
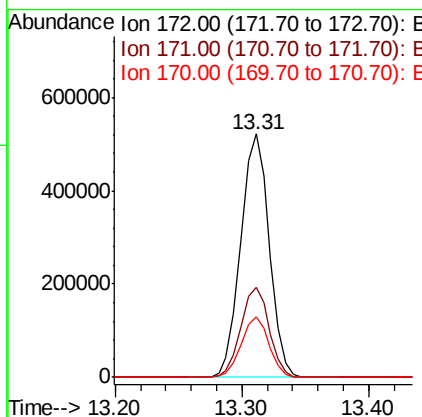
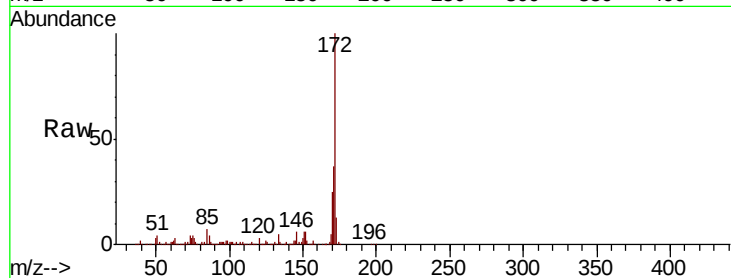
#45
 2-Fluorobiphenyl
 Concen: 85.679 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	810564		
171	37.0		30.5	45.7
170	25.1		20.1	30.1

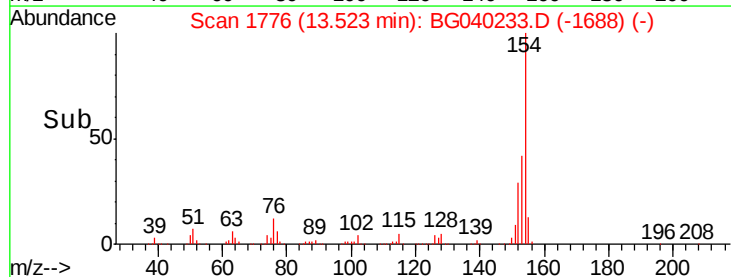
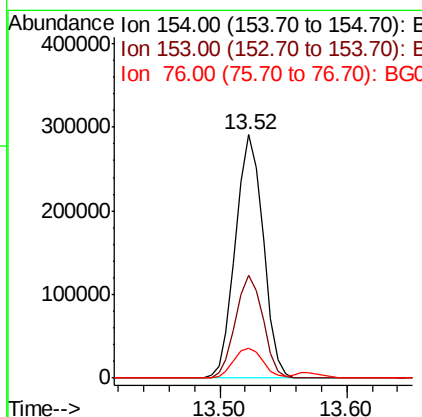
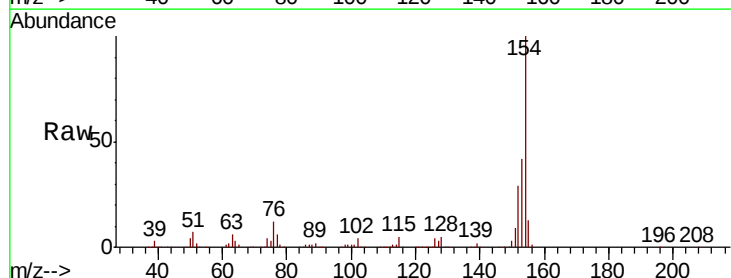
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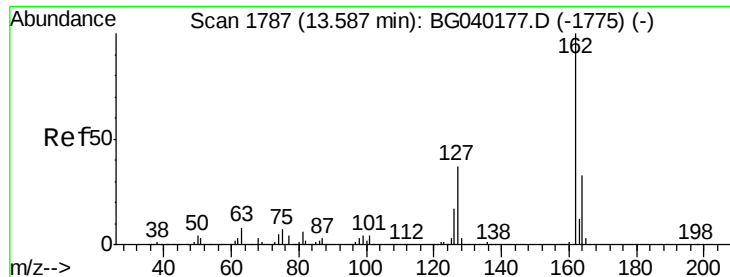
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#46
 1,1'-Biphenyl
 Concen: 39.810 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	440945		
153	42.2		22.5	62.5
76	12.3		0.0	33.7





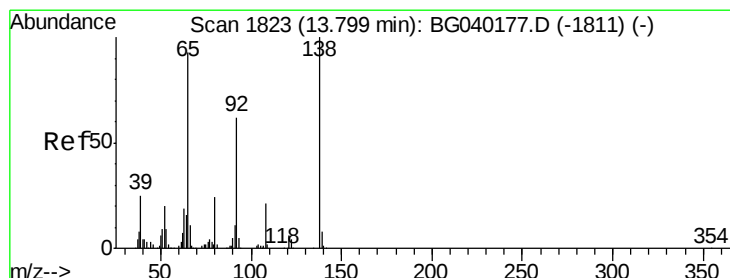
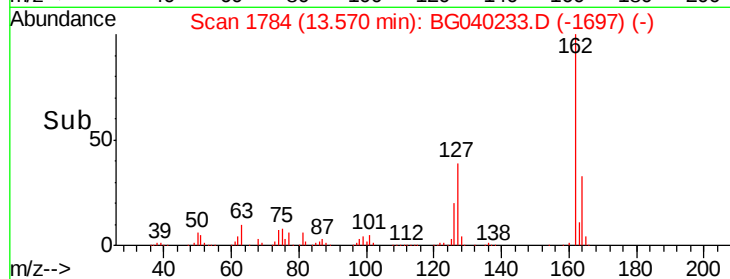
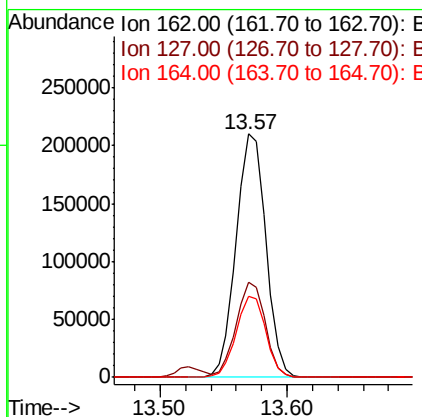
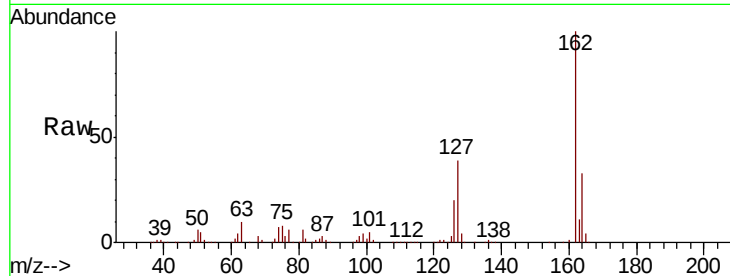
#47
 2-Chloronaphthalene
 Concen: 40.110 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	340779		
127	39.2	30.6	45.8	
164	33.4	26.2	39.4	

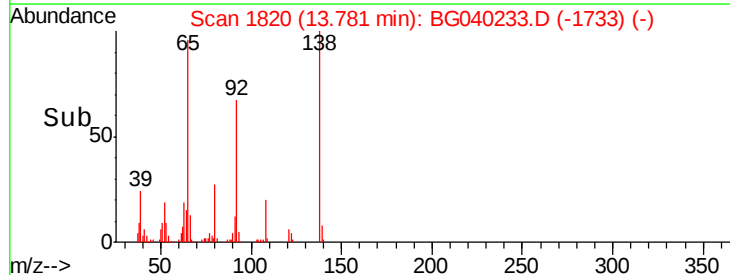
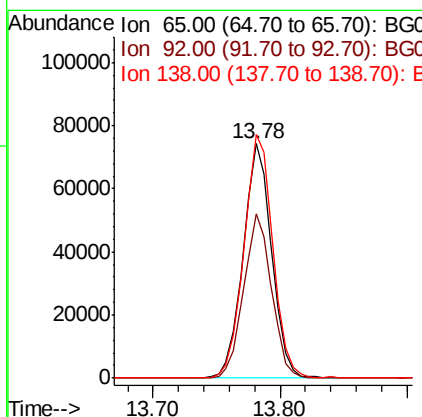
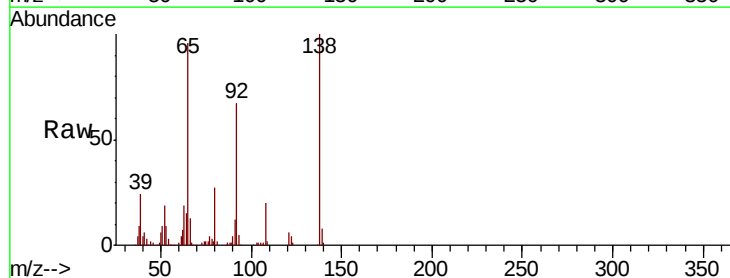
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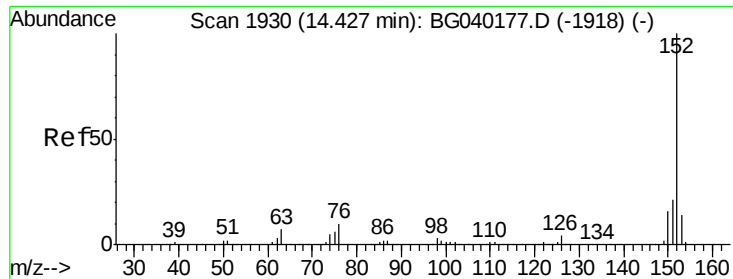
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#48
 2-Nitroaniline
 Concen: 40.363 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	115671		
92	70.1	53.8	80.6	
138	104.0	86.3	129.5	





#49

Acenaphthylene

Concen: 40.324 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

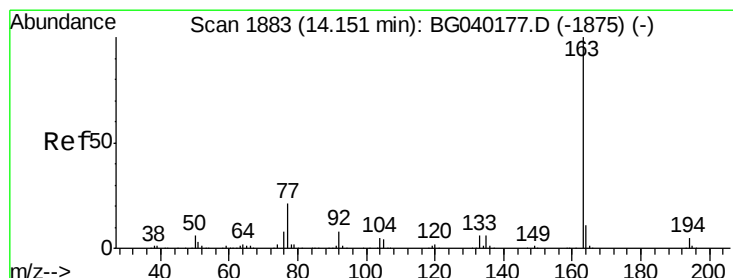
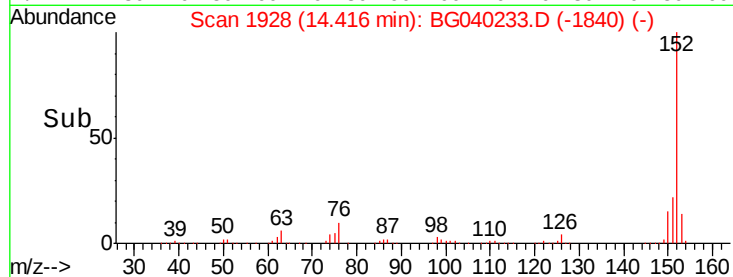
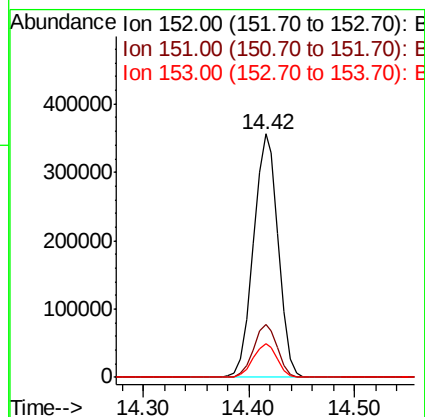
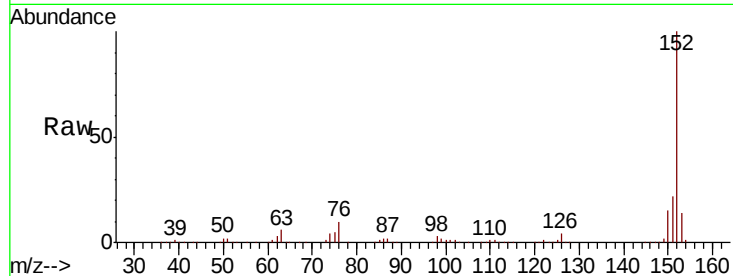
ClientSampleId :

PB118167BS

Tgt Ion:	152	Resp:	580870
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.0	25.6
153	13.7	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.995 ng

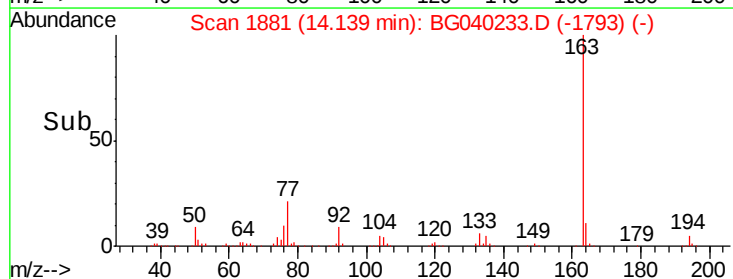
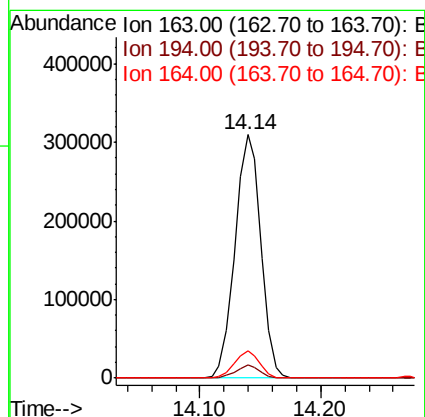
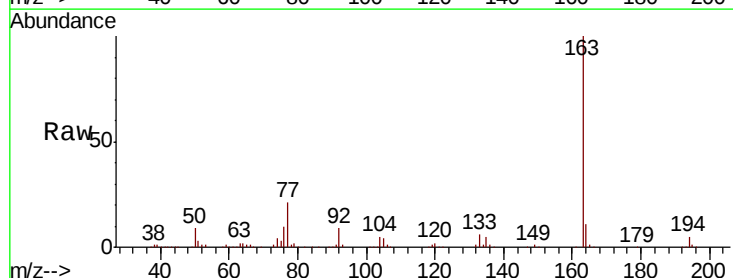
RT: 14.14 min Scan# 1881

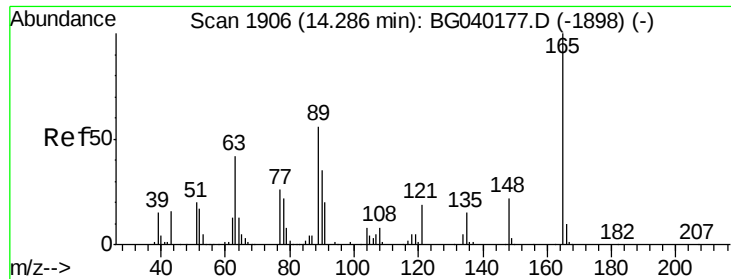
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	163	Resp:	460736
Ion Ratio	Lower	Upper	
163	100		
194	5.5	4.1	6.1
164	11.0	8.6	13.0





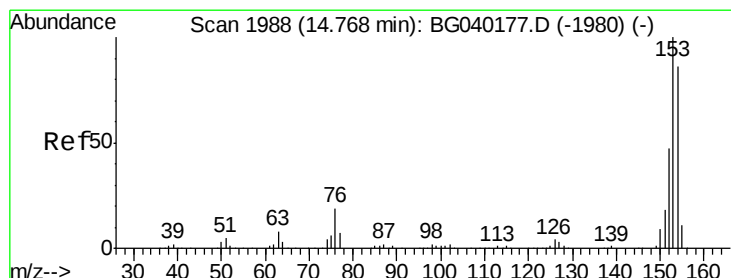
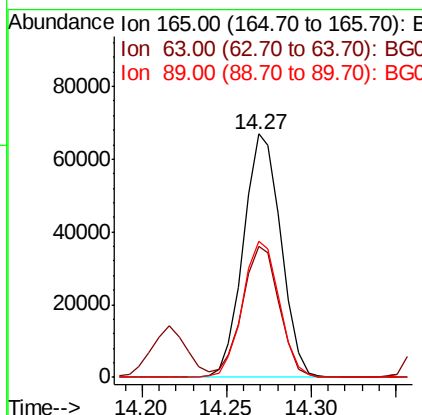
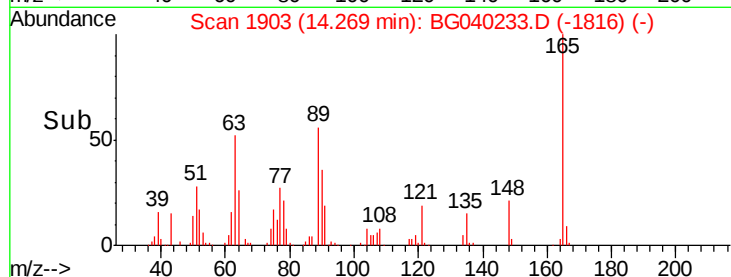
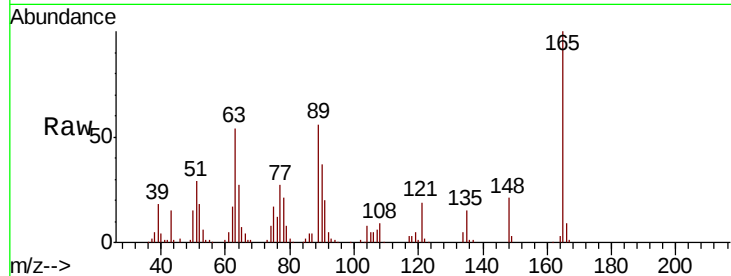
#51
2,6-Dinitrotoluene
Concen: 41.934 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampled :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103300		
63	53.6	44.1	66.1	
89	55.8	44.9	67.3	

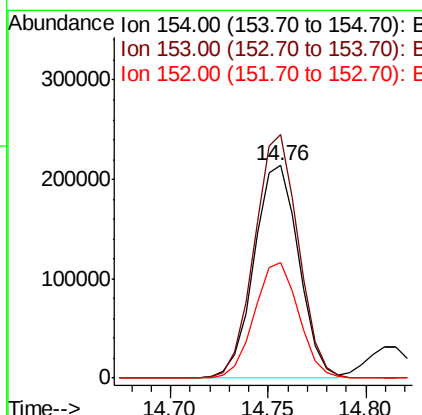
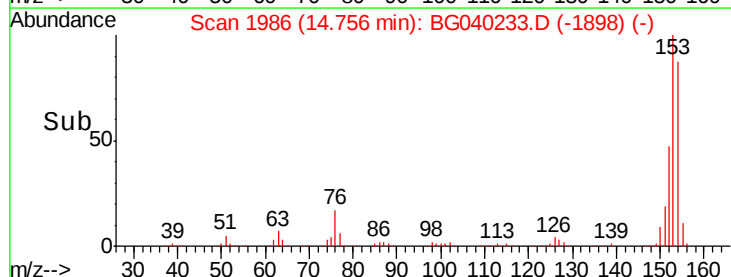
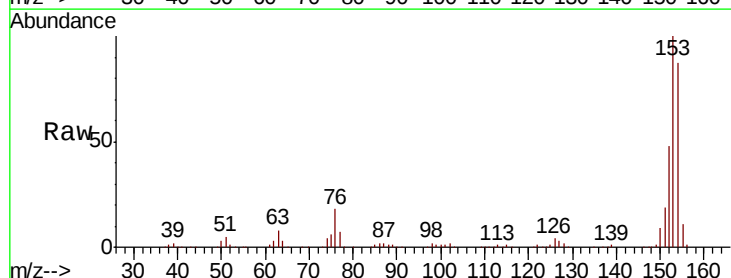
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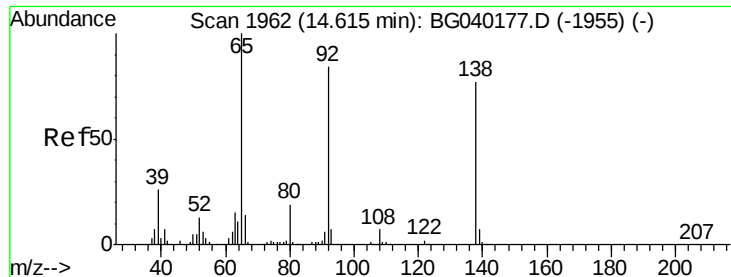
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#52
Acenaphthene
Concen: 41.026 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	338639		
153	114.5	92.8	139.2	
152	54.5	43.4	65.2	





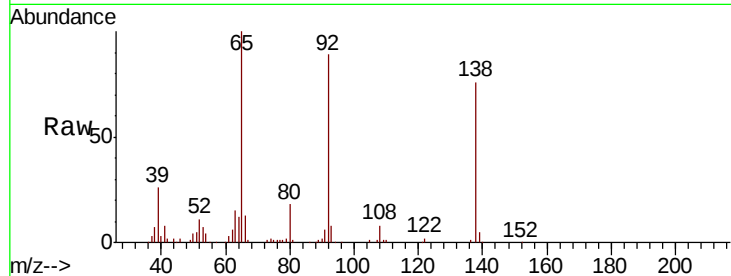
#53
3-Nitroaniline
Concen: 26.837 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

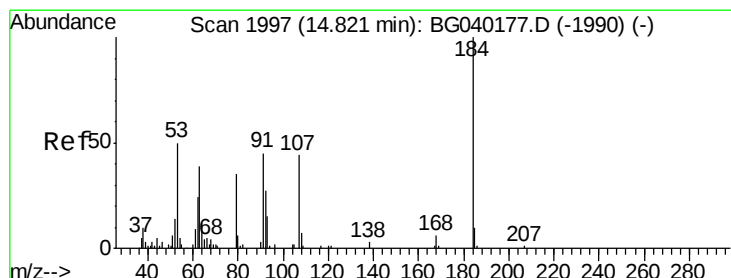
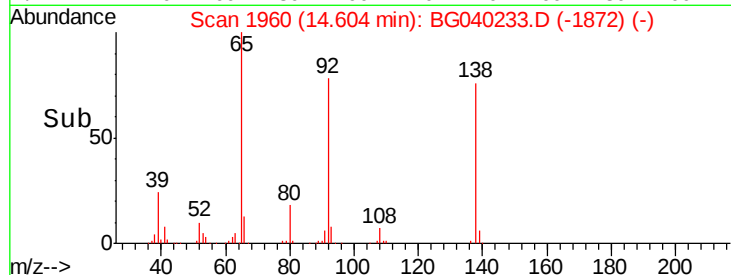
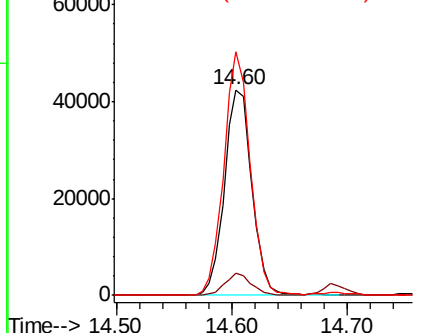
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.8	11.8
92	118.4	87.5	131.3

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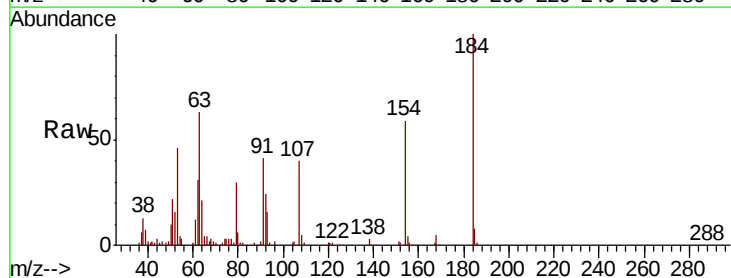


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

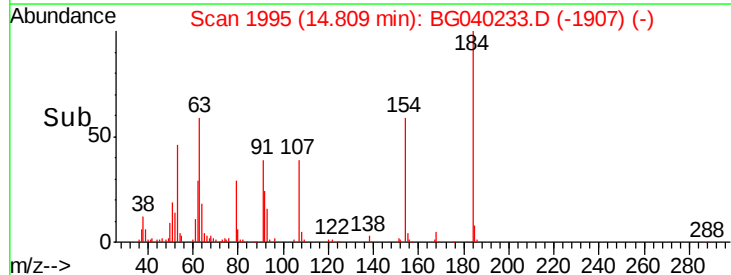
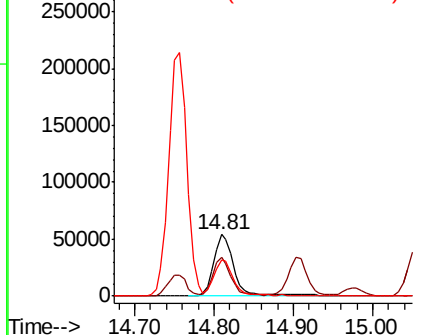


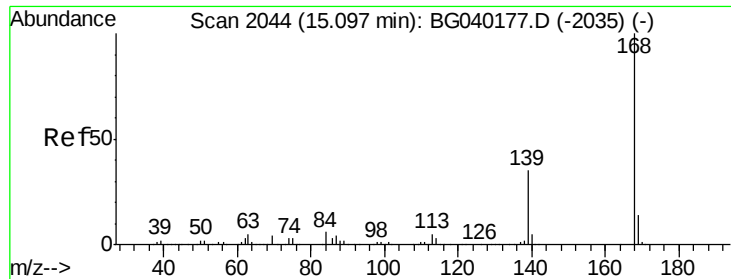
#54
2,4-Dinitrophenol
Concen: 73.658 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	51.8	77.8
154	59.3	50.9	76.3



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





#55

Dibenzenofuran

Concen: 41.723 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

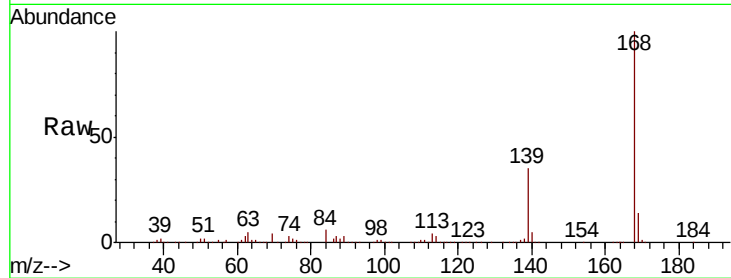
ClientSampleId :

PB118167BS

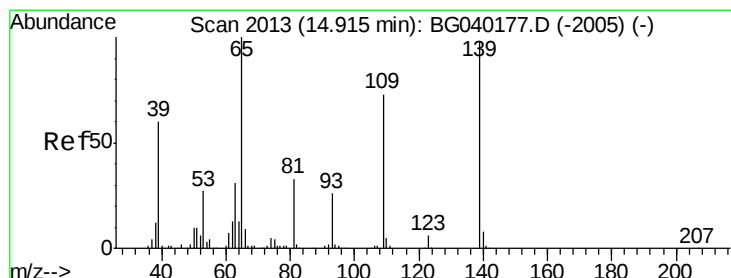
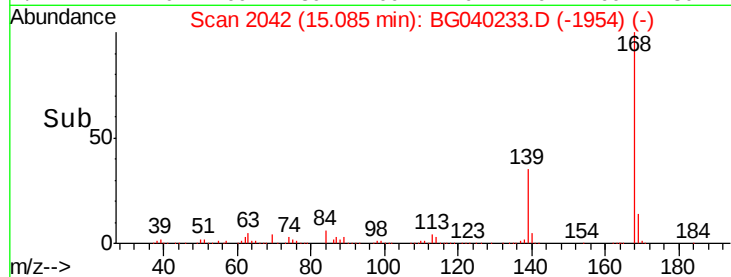
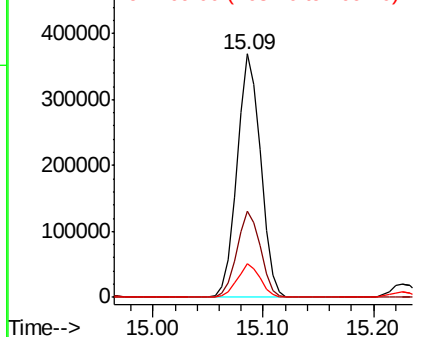
Tgt Ion:	168	Resp:	553393
Ion Ratio	Lower	Upper	
168	100		
139	35.3	27.9	41.9
169	13.8	11.3	16.9

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



#56

4-Nitrophenol

Concen: 87.321 ng

RT: 14.91 min Scan# 2012

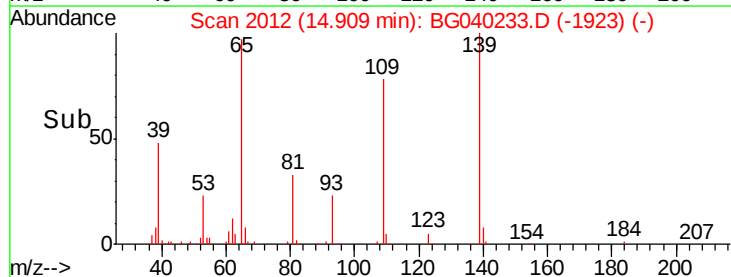
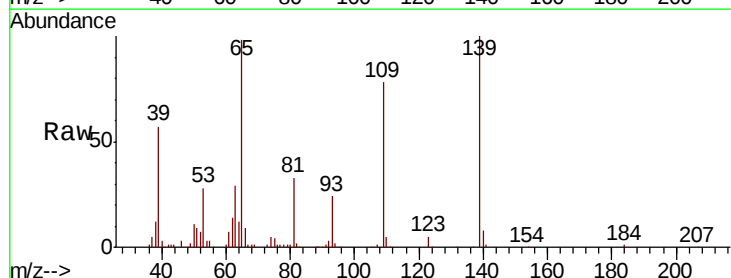
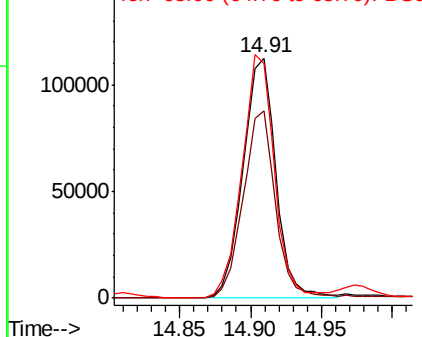
Delta R.T. -0.01 min

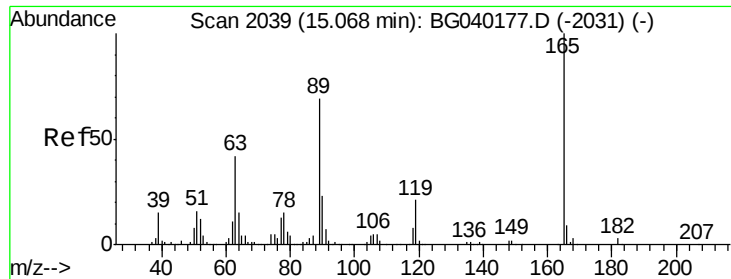
Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	139	Resp:	183771
Ion Ratio	Lower	Upper	
139	100		
109	77.8	54.3	94.3
65	97.8	82.5	122.5

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





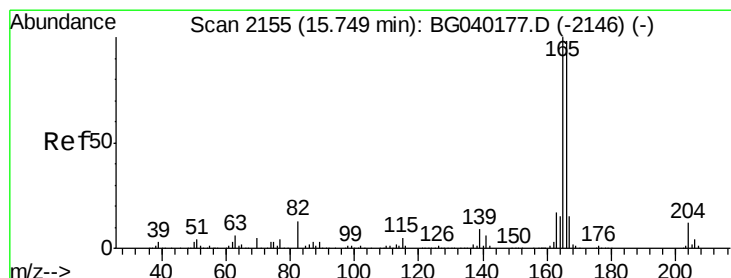
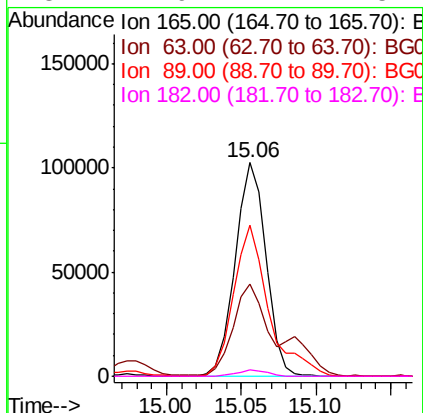
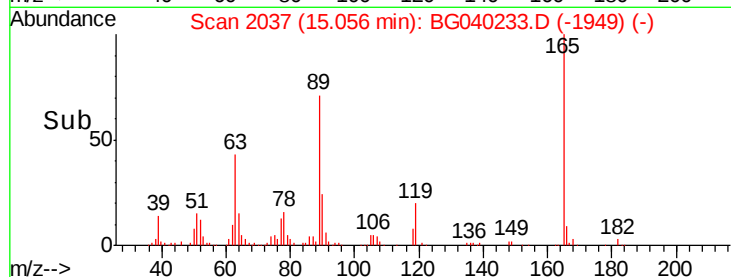
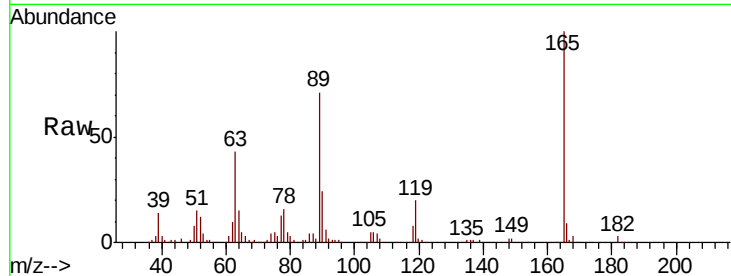
#57
2,4-Dinitrotoluene
Concen: 43.034 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147304		
63	43.2	33.8	50.6	
89	70.9	55.4	83.2	
182	2.9	2.2	3.4	

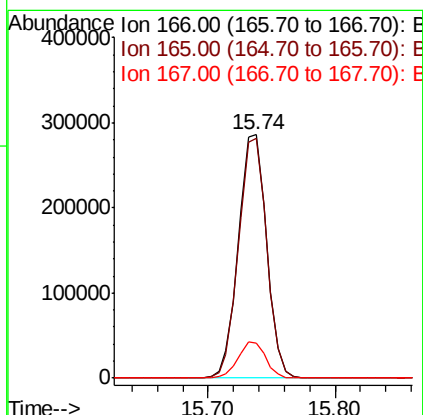
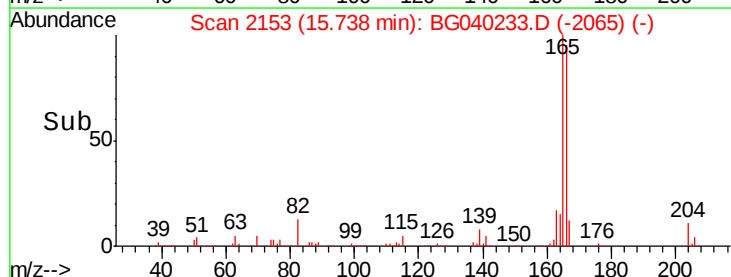
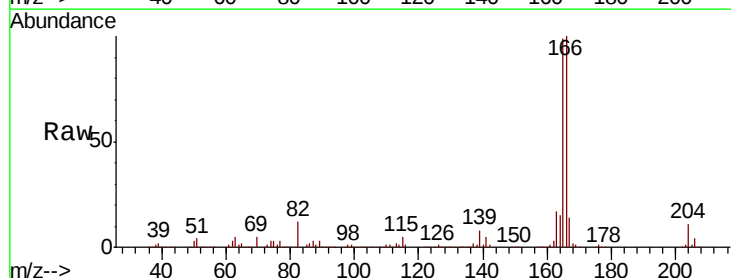
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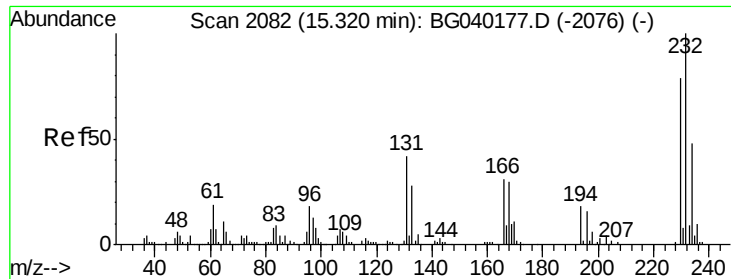
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#58
Fluorene
Concen: 42.210 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	440165		
165	98.6	81.7	122.5	
167	14.3	11.9	17.9	





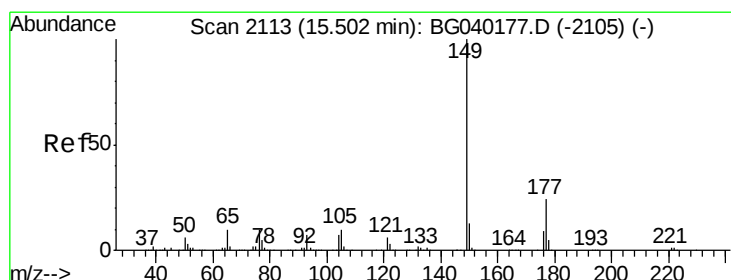
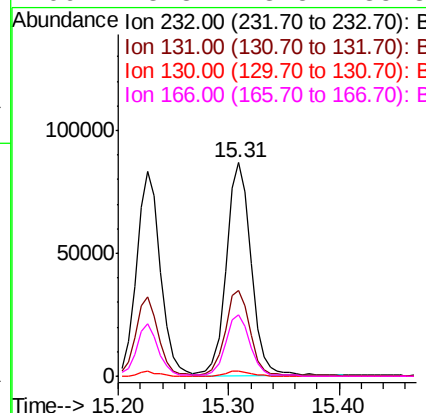
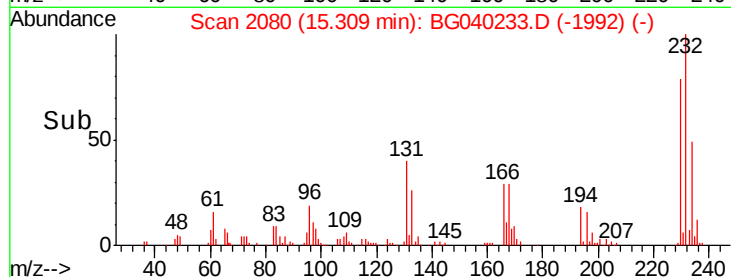
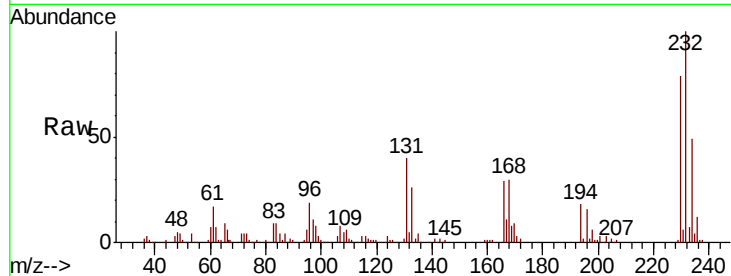
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.977 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	39.9	32.9	49.3
130	2.2	1.8	2.8
166	28.8	23.5	35.3

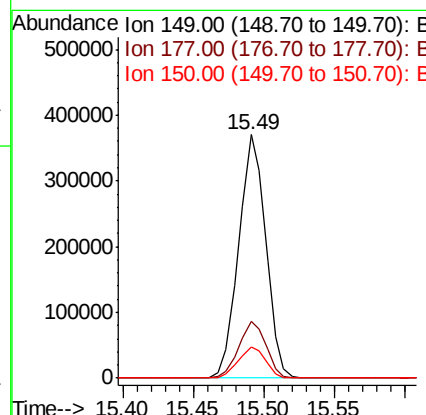
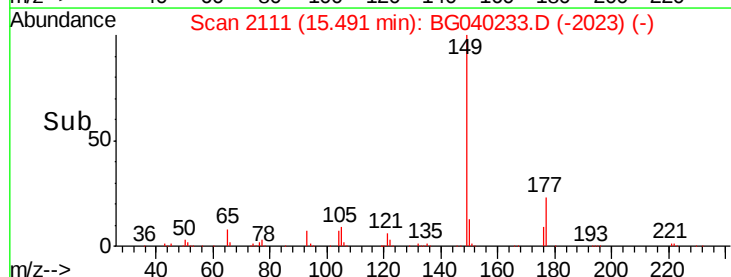
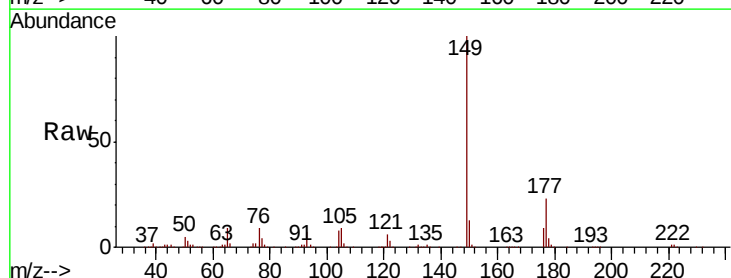
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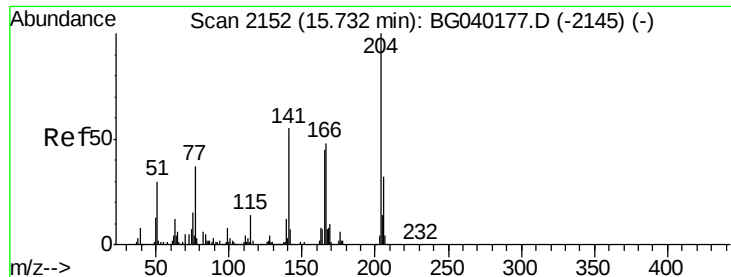
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#60
 Diethylphthalate
 Concen: 44.023 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.2	19.1	28.7
150	13.0	10.6	15.8





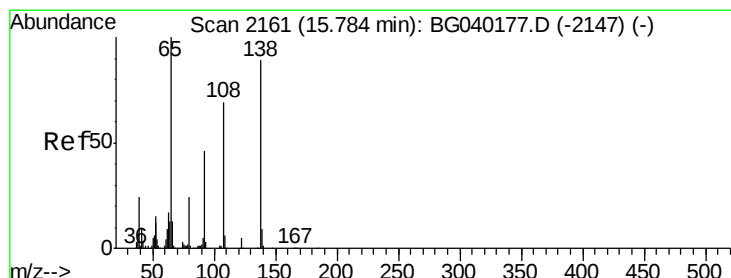
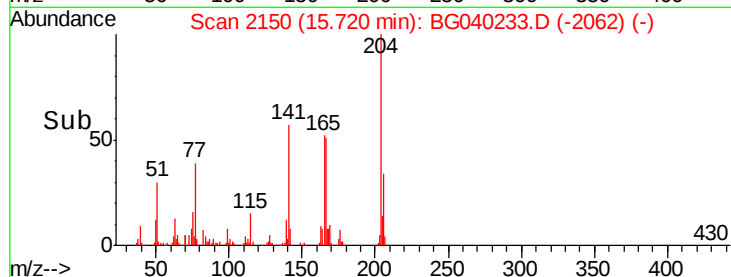
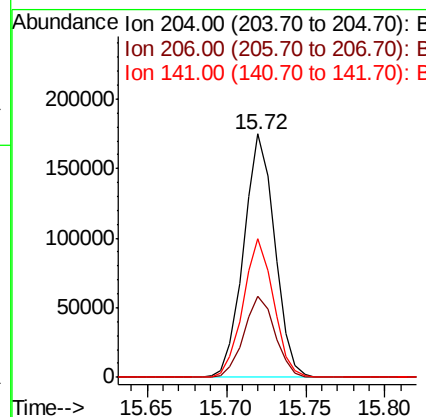
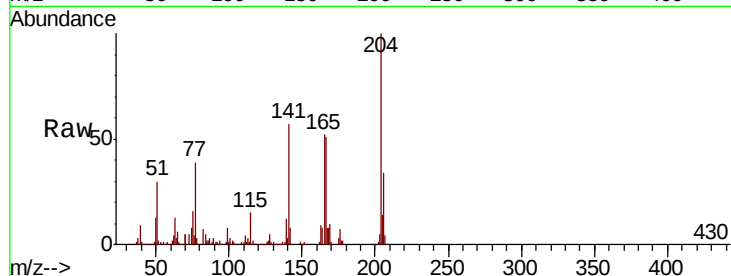
#61
 4-Chlorophenyl-phenylether
 Concen: 42.588 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.7	38.5
141	57.1	44.0	66.0

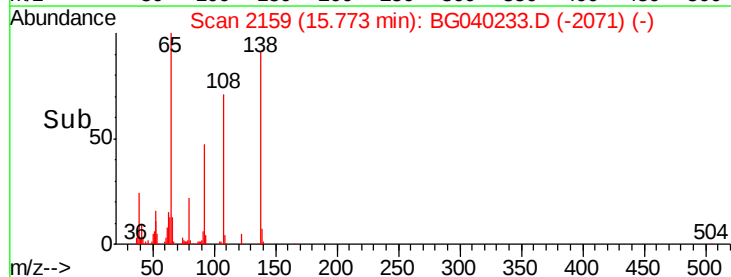
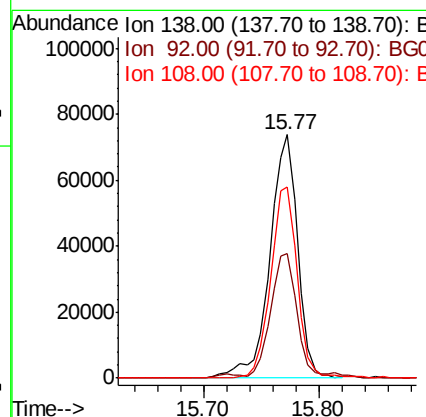
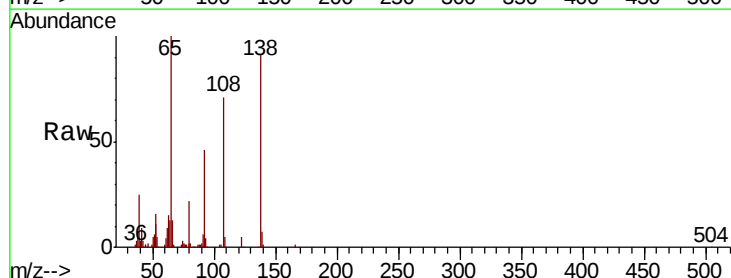
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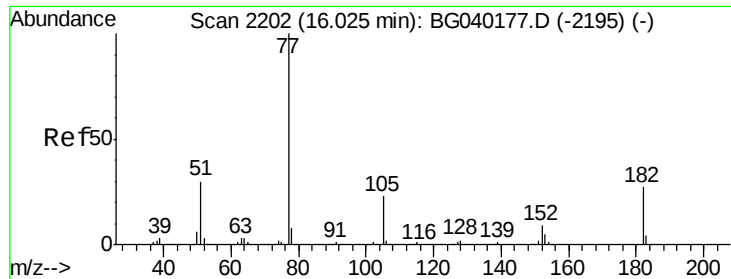
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#62
 4-Nitroaniline
 Concen: 44.249 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.8	71.8
108	78.4	57.2	97.2





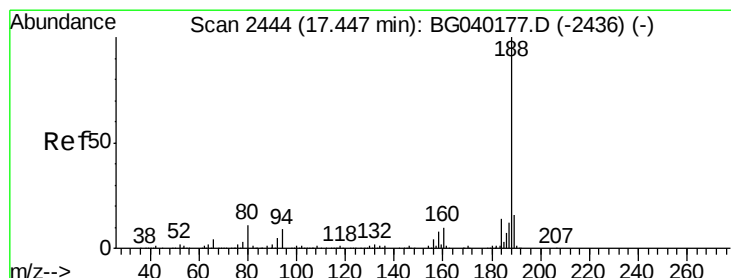
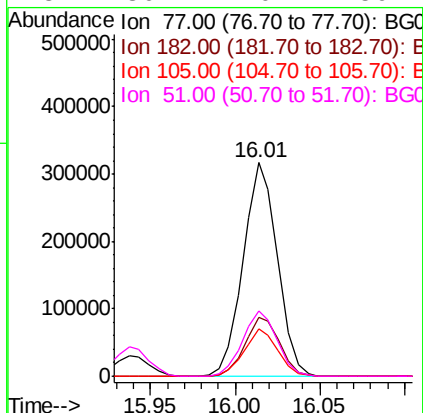
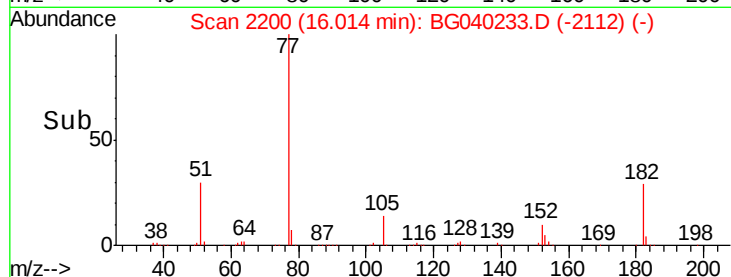
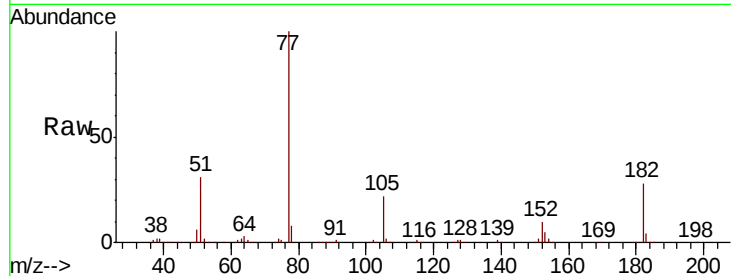
#63
Azobenzene
Concen: 42.131 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.2	47.2
105	22.3	2.8	42.8
51	30.7	10.4	50.4

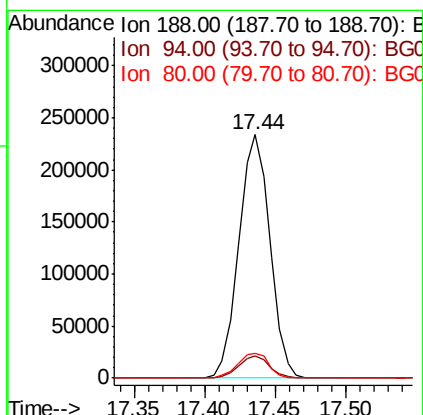
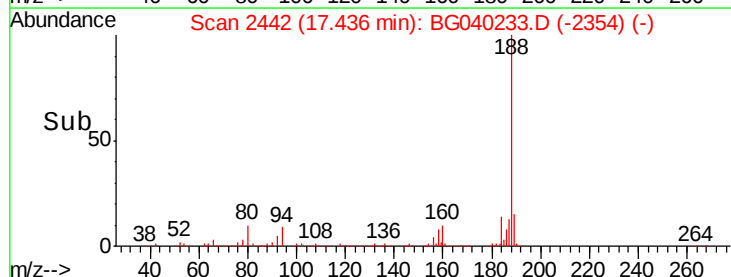
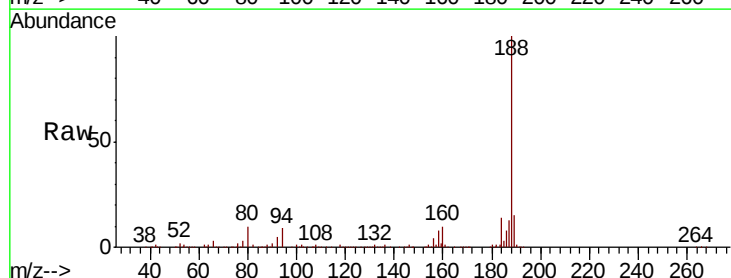
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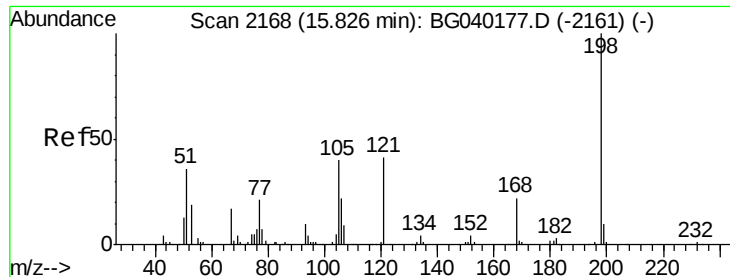
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.2	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 39.214 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

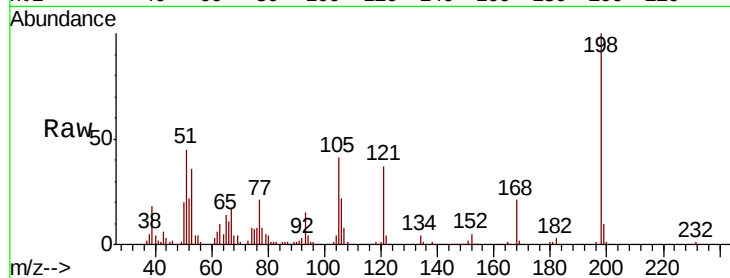
ClientSampleId :

PB118167BS

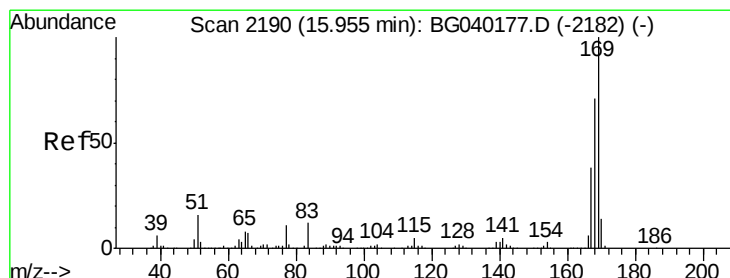
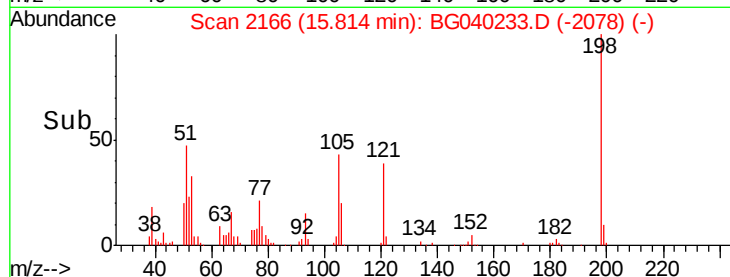
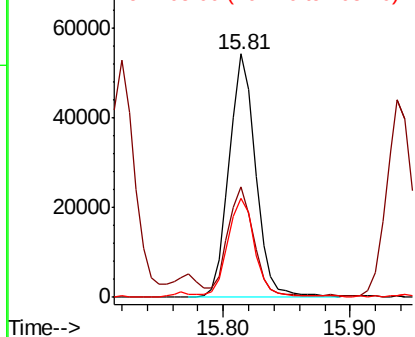
Tgt Ion:	198	Resp:	79117
Ion Ratio	Lower	Upper	
198	100		
51	45.4	27.3	67.3
105	40.8	21.7	61.7

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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: 40.037 ng

RT: 15.94 min Scan# 2188

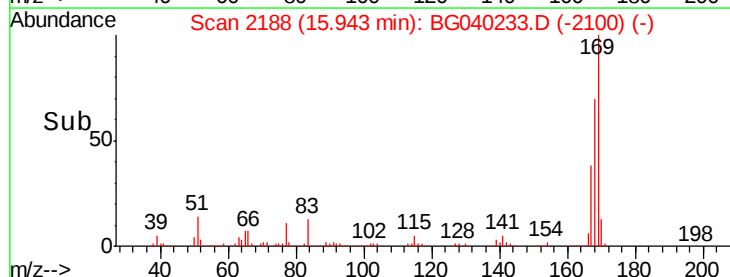
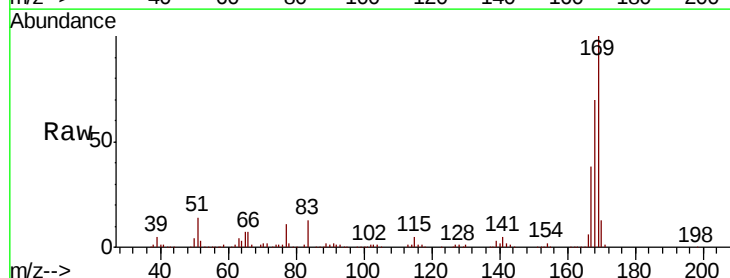
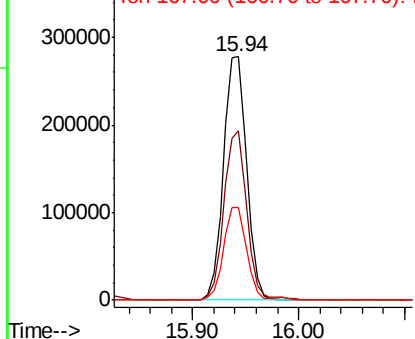
Delta R.T. -0.01 min

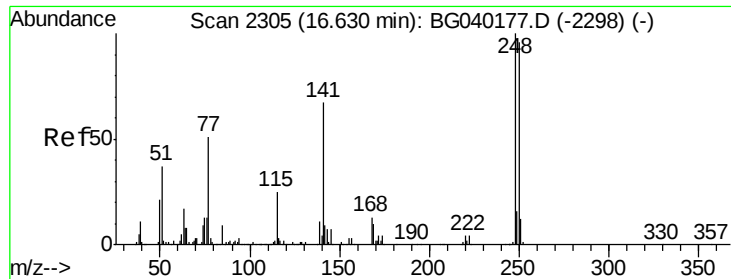
Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	169	Resp:	420736
Ion Ratio	Lower	Upper	
169	100		
168	69.6	56.8	85.2
167	38.0	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





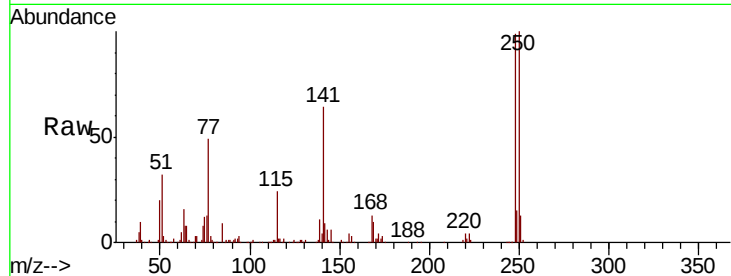
#67
4-Bromophenyl-phenylether
Concen: 39.526 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	159733		
250	100.6	76.4	114.6	
141	64.0	53.8	80.8	

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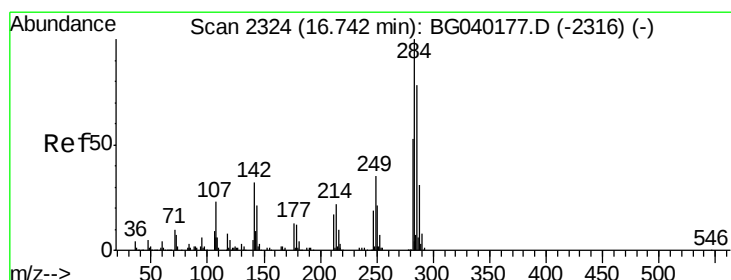
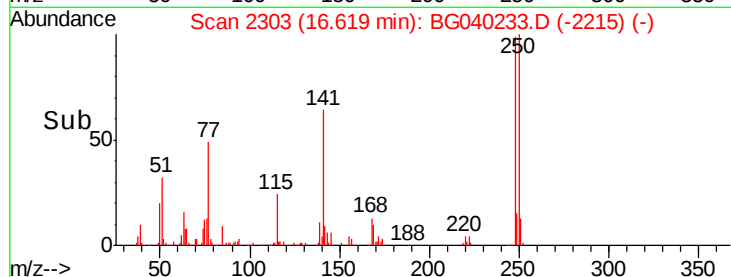
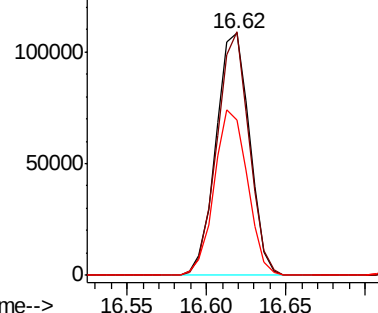


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.057 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

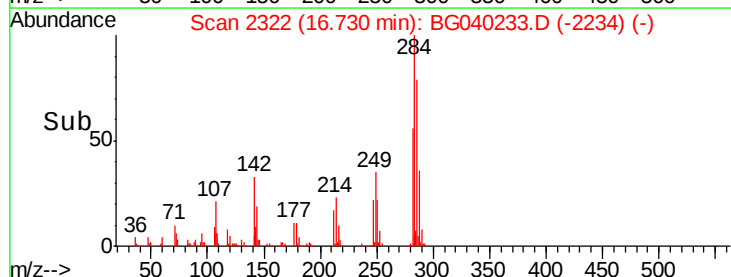
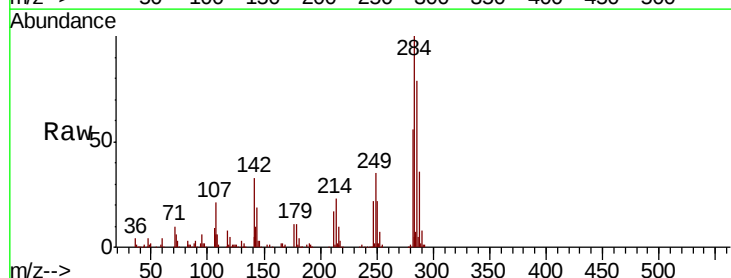
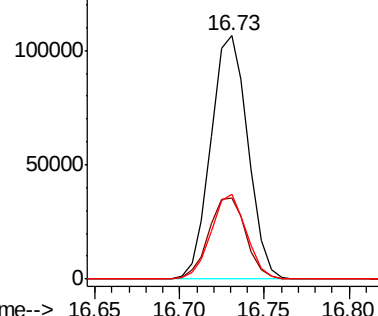
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	162763		
142	33.1	25.3	37.9	
249	34.8	28.2	42.2	

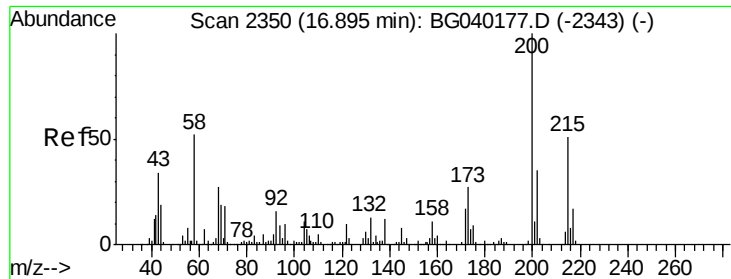
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.972 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

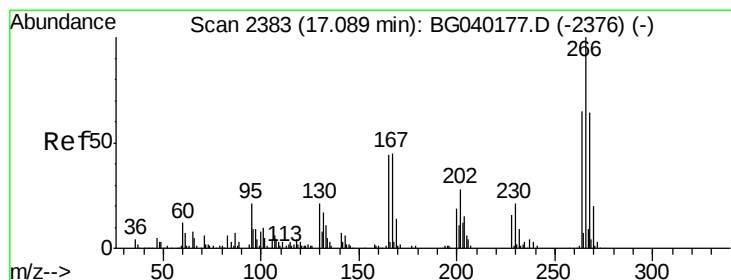
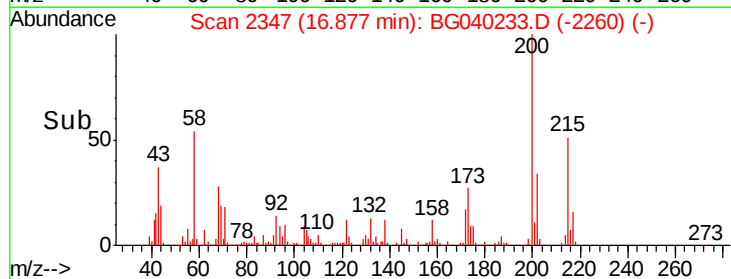
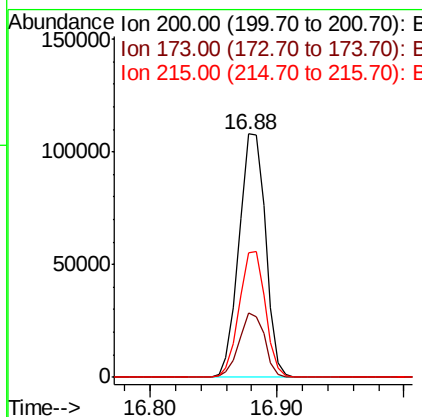
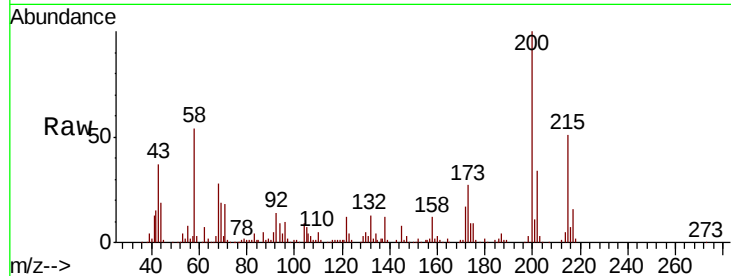
ClientSampled :

PB118167BS

Tgt Ion:	200	Resp:	156256
Ion Ratio	Lower	Upper	
200	100		
173	26.6	7.1	47.1
215	51.0	30.9	70.9

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#70

Pentachlorophenol

Concen: 77.577 ng

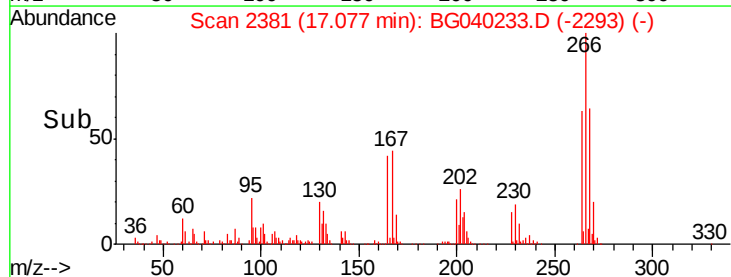
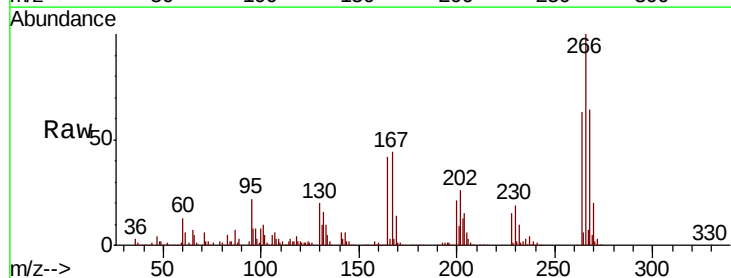
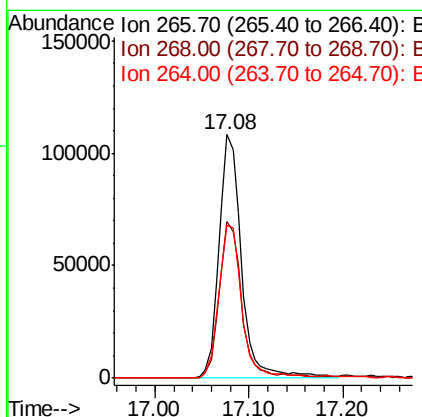
RT: 17.08 min Scan# 2381

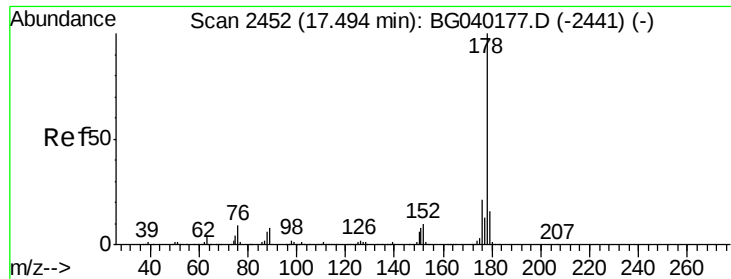
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	266	Resp:	182240
Ion Ratio	Lower	Upper	
266	100		
268	64.1	55.0	82.4
264	62.7	51.8	77.8





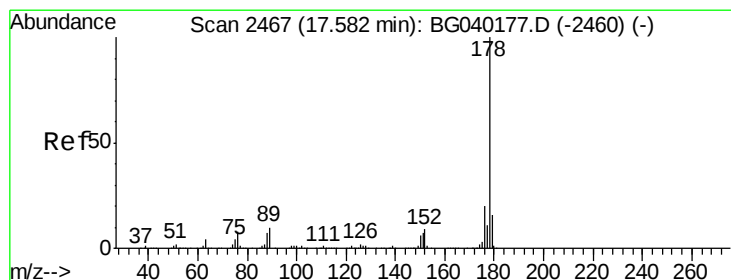
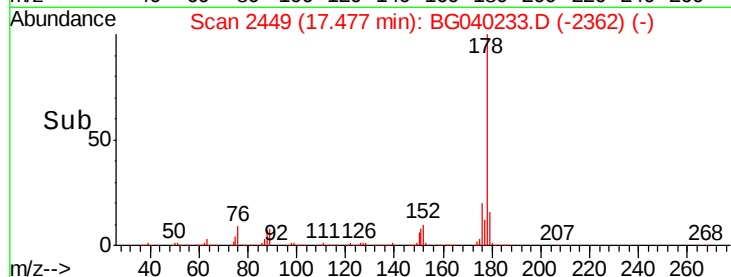
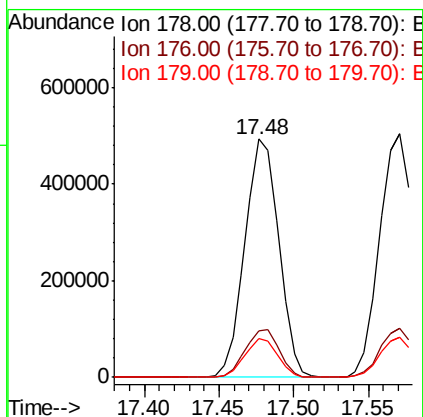
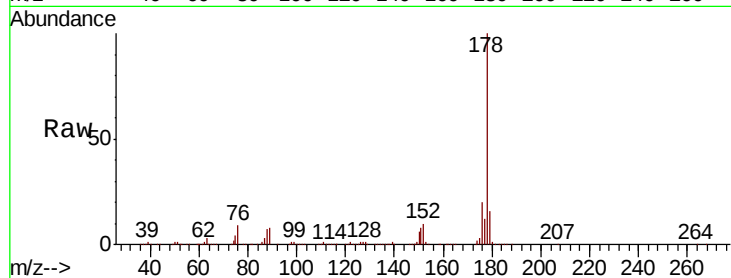
#71
Phenanthrene
Concen: 41.159 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.7	25.1
179	16.1	12.8	19.2

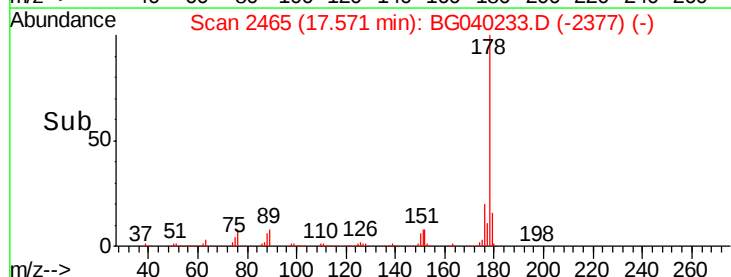
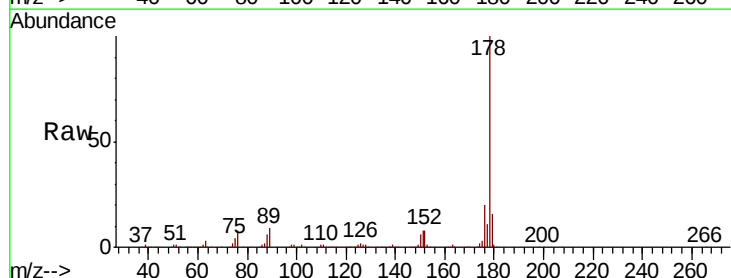
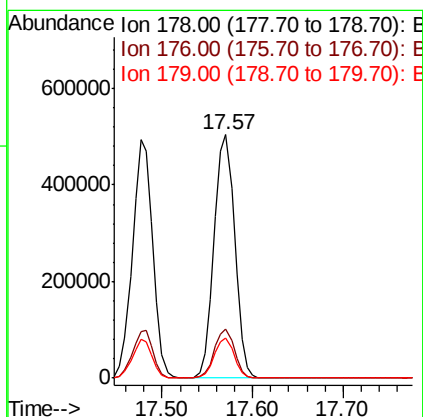
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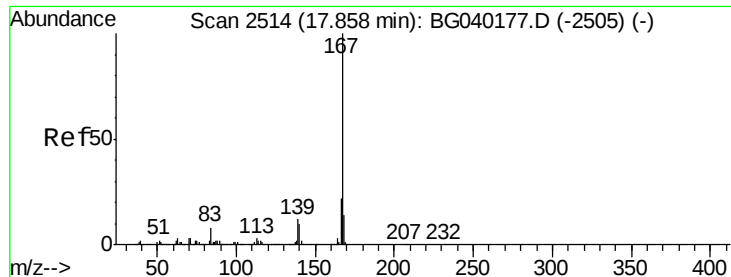
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#72
Anthracene
Concen: 42.246 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.3	12.9	19.3





#73

Carbazole

Concen: 41.156 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

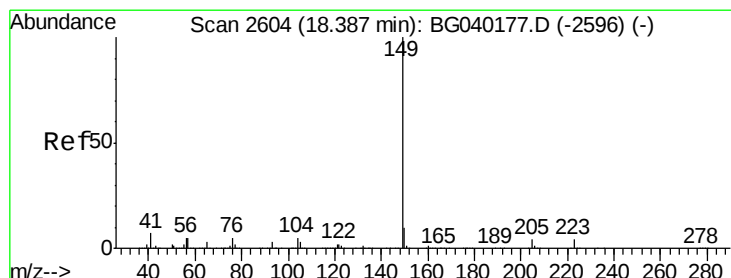
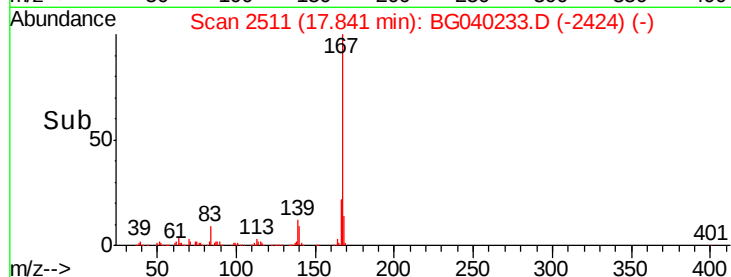
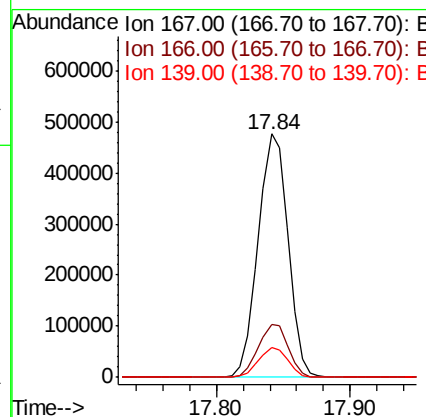
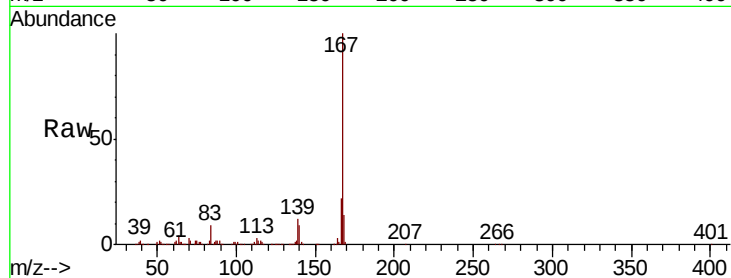
ClientSampleId :

PB118167BS

Tgt Ion:	167	Resp:	735868
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.5	26.3
139	12.3	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 40.870 ng

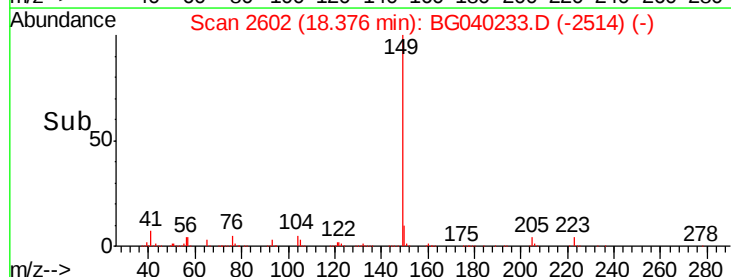
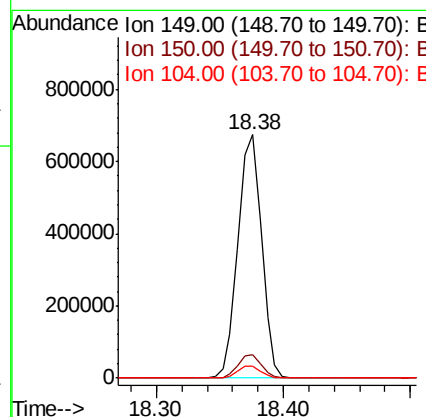
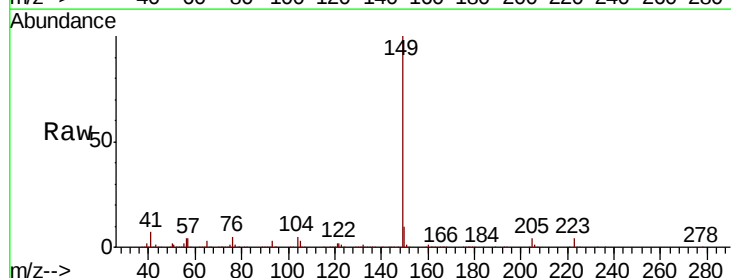
RT: 18.38 min Scan# 2602

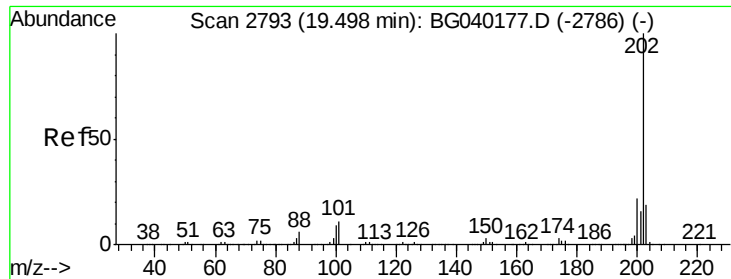
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	149	Resp:	866206
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 41.981 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

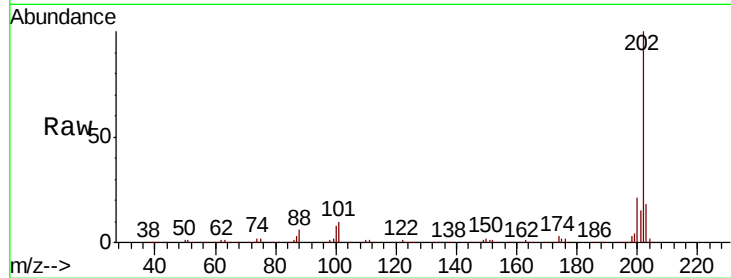
ClientSampleId :

PB118167BS

Tgt	Ion	202	Resp:	938329
Ion	Ratio	Lower	Upper	
202	100			
101	10.3	0.0	30.8	
203	18.5	0.0	38.9	

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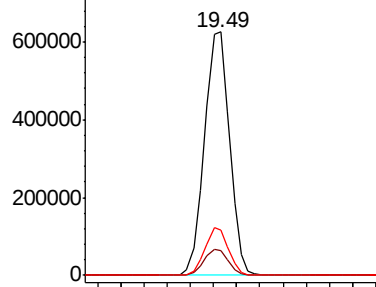


Abundance

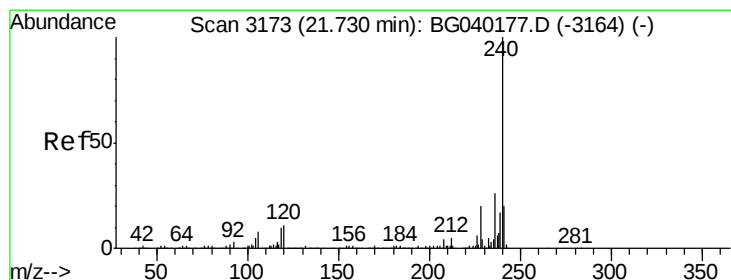
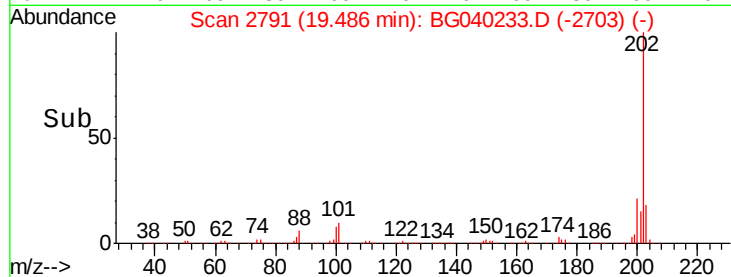
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

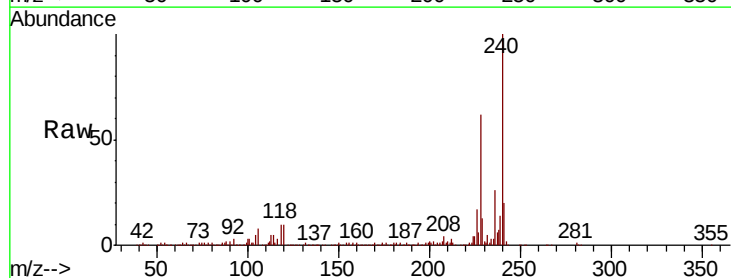
RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt	Ion	240	Resp:	356421
Ion	Ratio	Lower	Upper	
240	100			
120	10.3	8.4	12.6	
236	25.8	20.8	31.2	

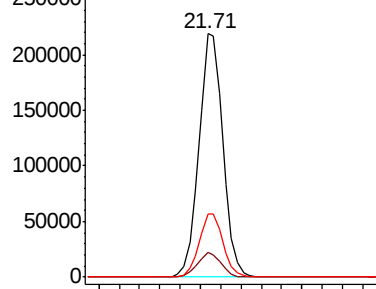


Abundance

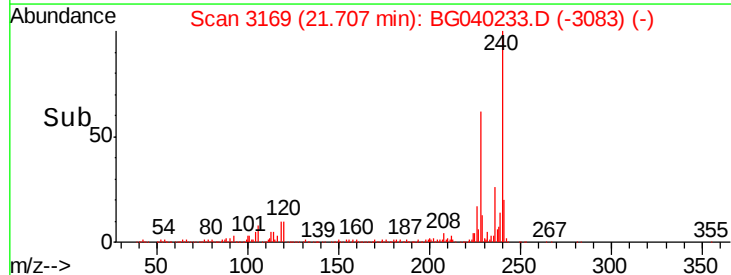
Ion 240.00 (239.70 to 240.70): E

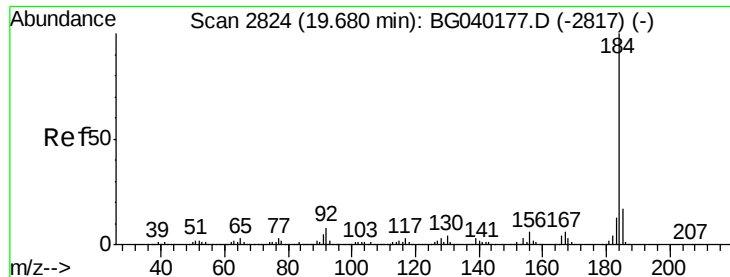
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 45.540 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

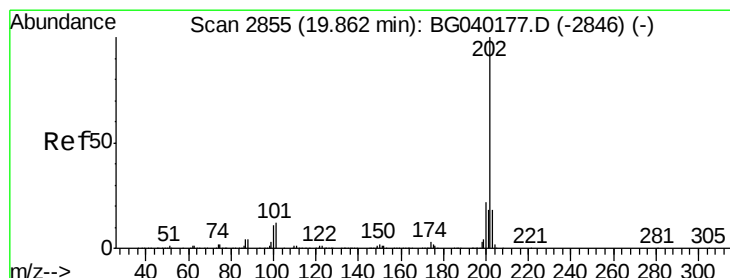
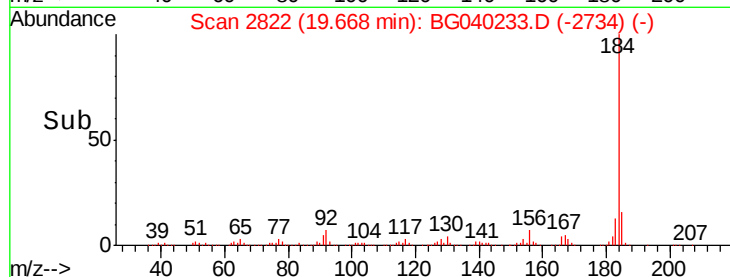
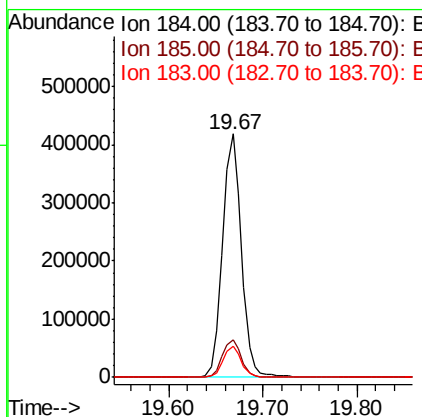
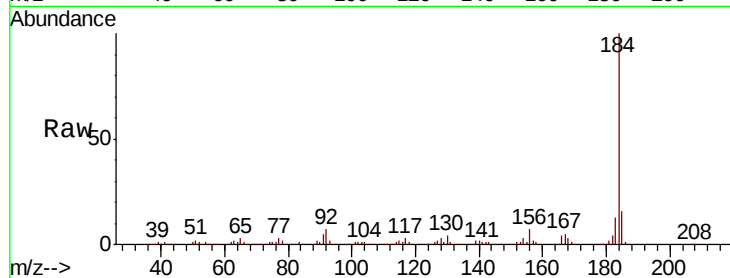
ClientSampleId :

PB118167BS

Tgt Ion:	184	Resp:	586134
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.3	19.9
183	12.8	10.3	15.5

Manual Integrations
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#78

Pyrene

Concen: 40.139 ng

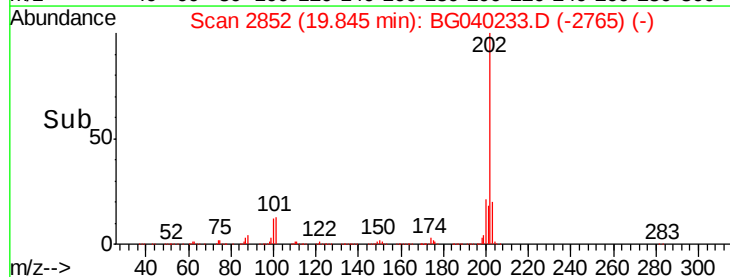
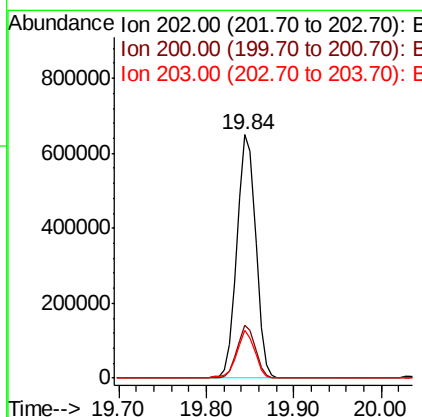
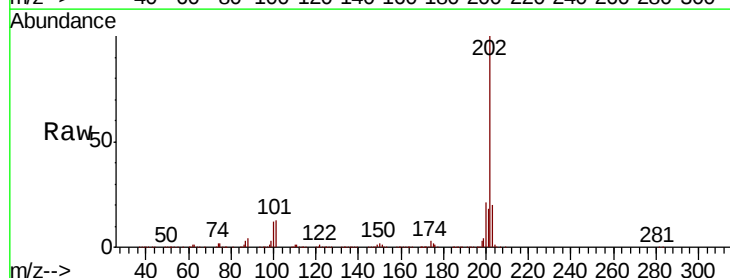
RT: 19.84 min Scan# 2852

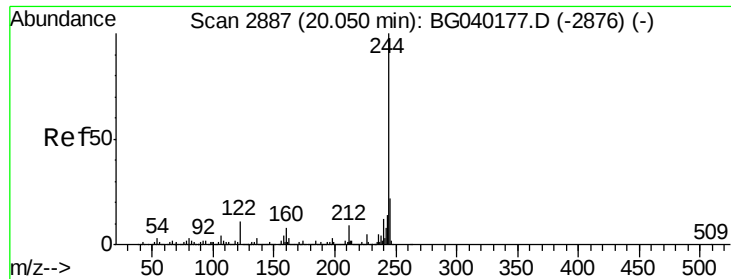
Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	202	Resp:	940813
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.3	25.9
203	19.8	14.6	22.0





#79

Terphenyl-d14

Concen: 84.697 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

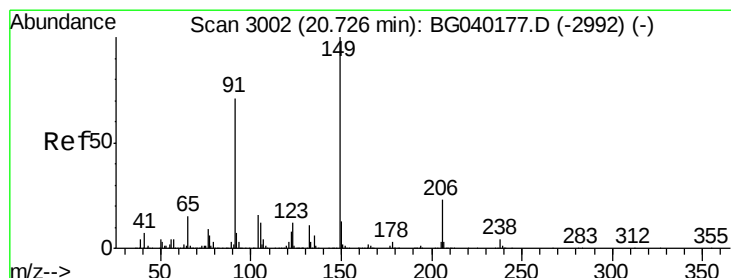
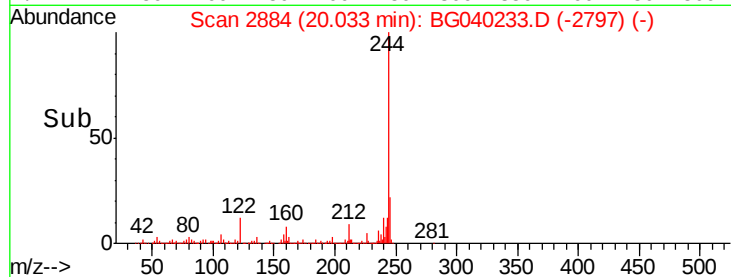
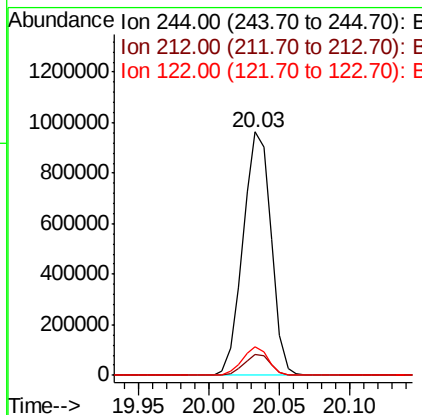
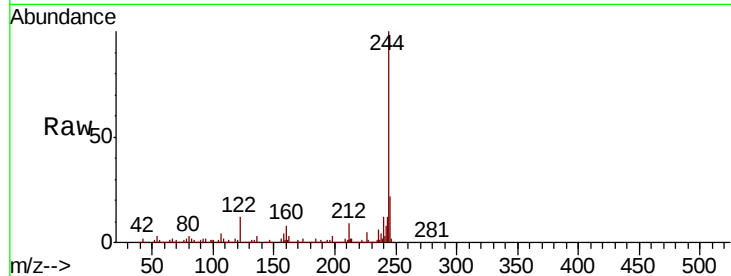
ClientSampleId :

PB118167BS

Tgt Ion:	244	Resp:	1341881
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.7	8.5	12.7

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 39.930 ng

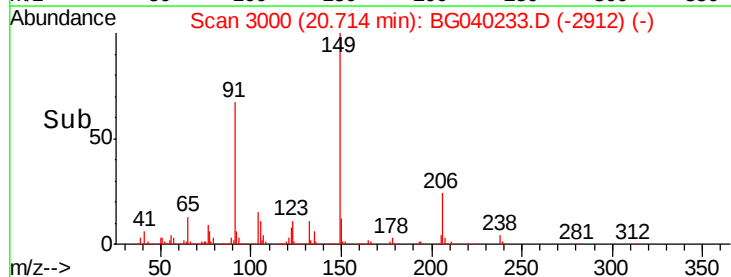
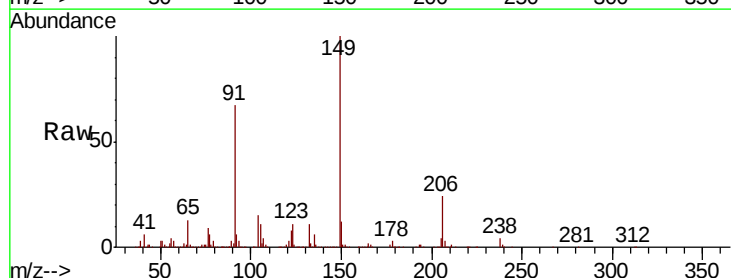
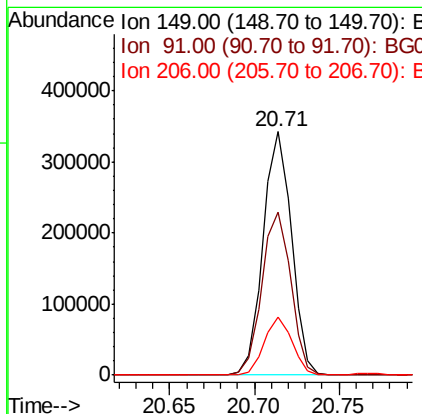
RT: 20.71 min Scan# 3000

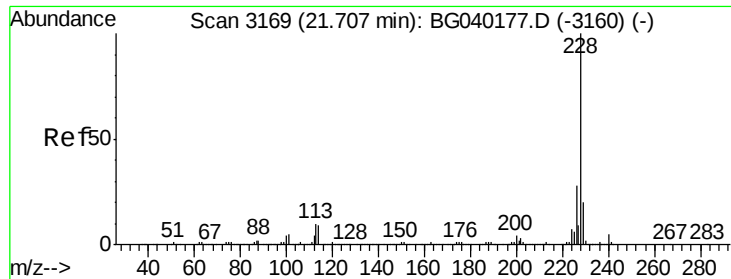
Delta R.T. -0.01 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	149	Resp:	400490
Ion	Ratio	Lower	Upper
149	100		
91	67.1	57.0	85.4
206	23.6	18.2	27.4





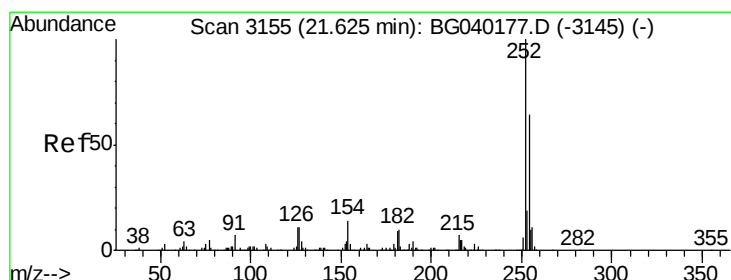
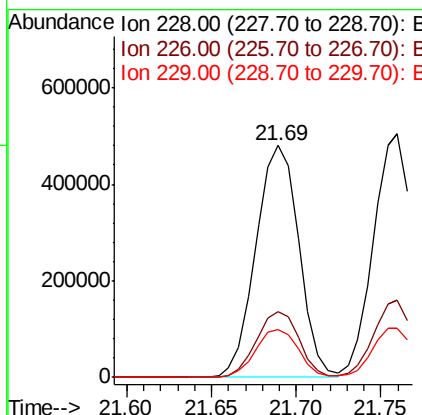
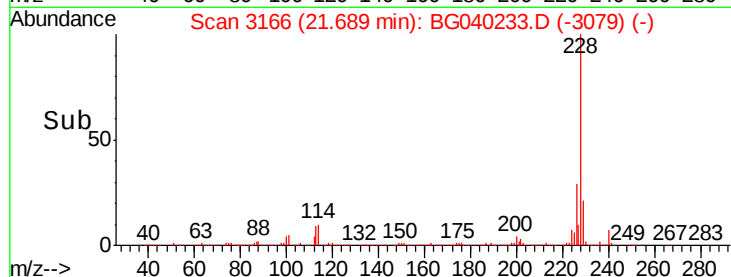
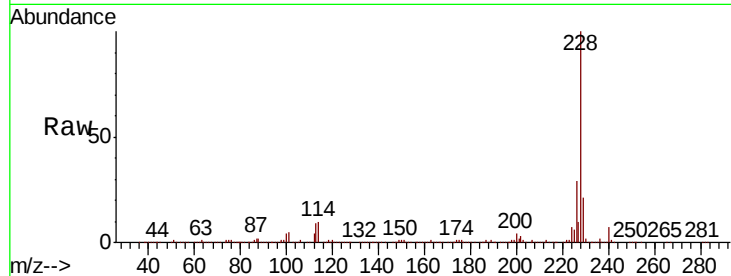
#81
Benzo(a)anthracene
Concen: 38.884 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.7	16.1	24.1

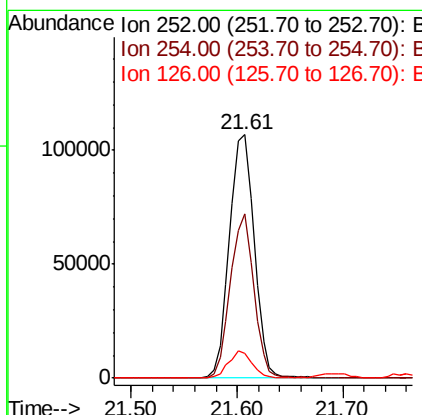
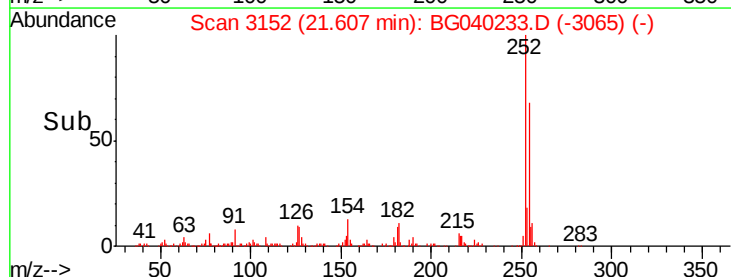
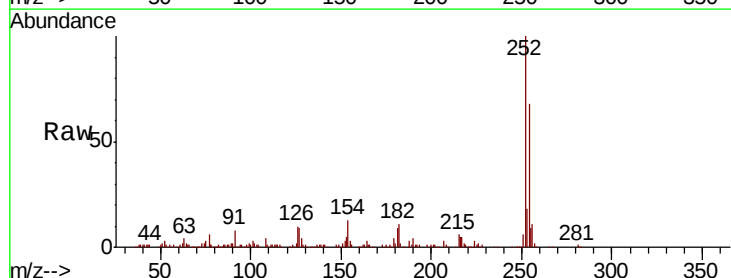
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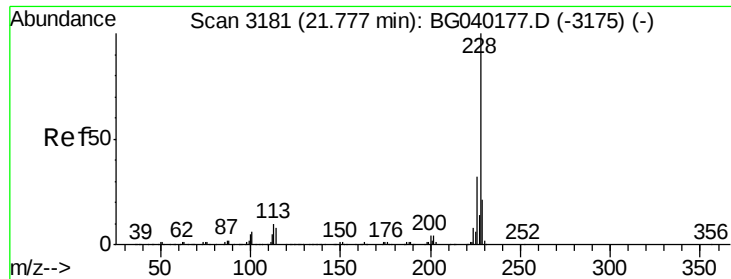
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 20.826 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.6	51.4	77.2
126	10.4	8.5	12.7





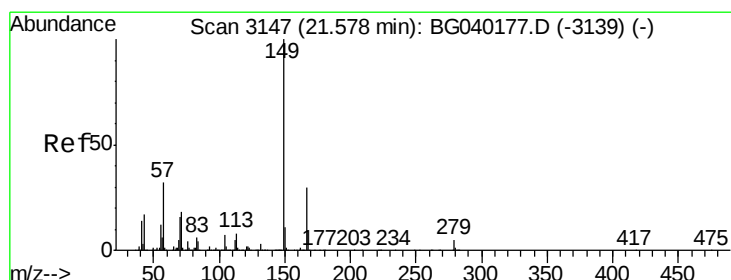
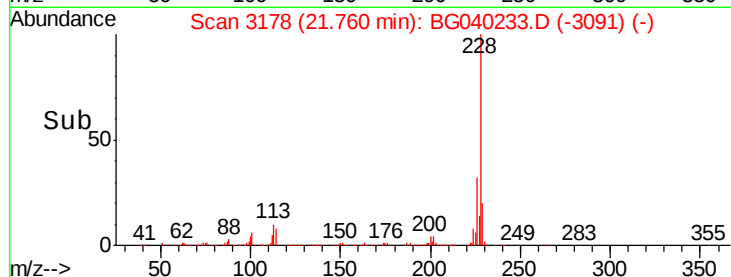
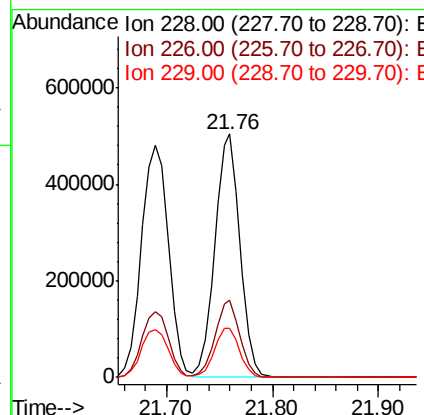
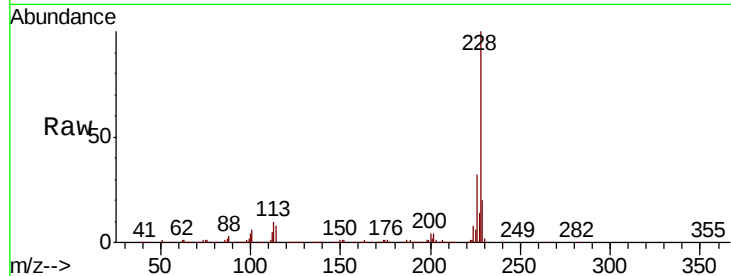
#83
 Chrysene
 Concen: 39.560 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.2	17.0	25.4

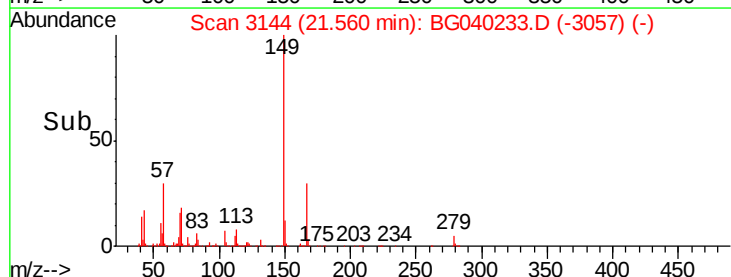
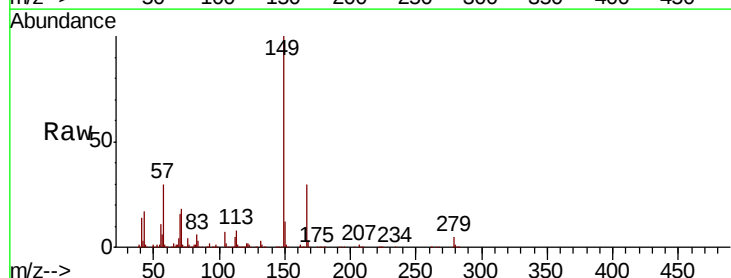
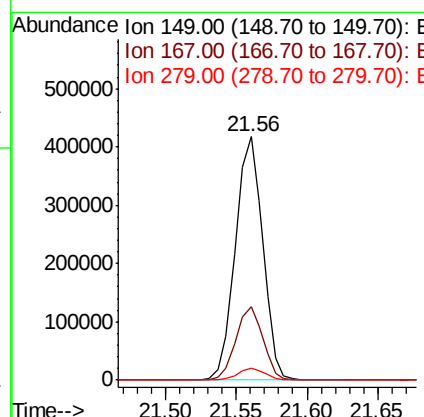
Manual Integrations
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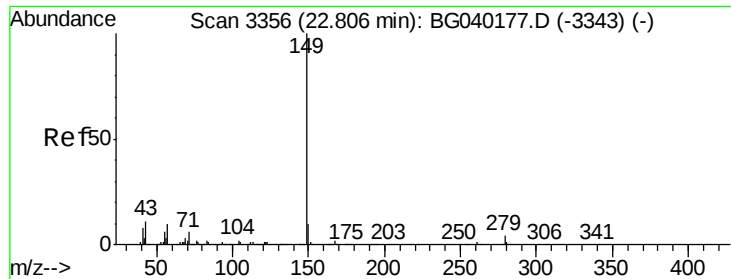
Sohil
 4/1/2019 10:06:04 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.325 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG040233.D
 Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	4.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 39.720 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

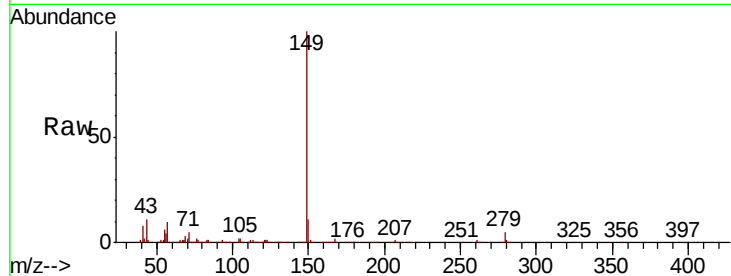
ClientSampleId :

PB118167BS

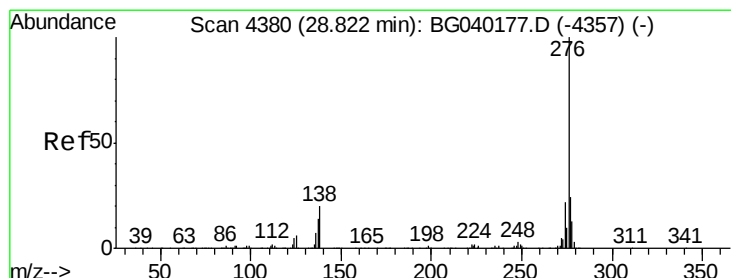
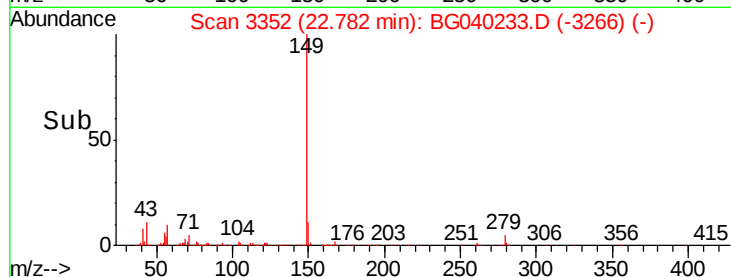
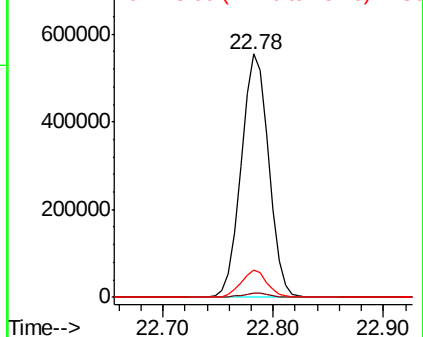
Tgt Ion:	149	Resp:	970232
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	10.4	8.7	13.1

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: 40.458 ng

RT: 28.77 min Scan# 4371

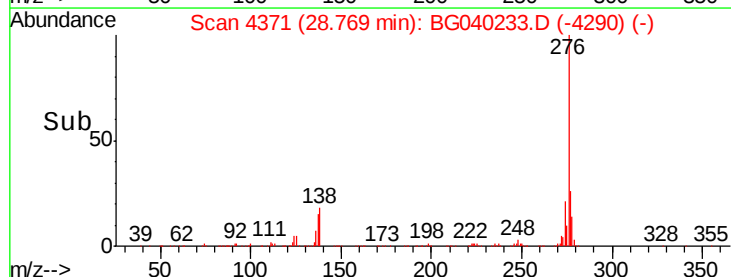
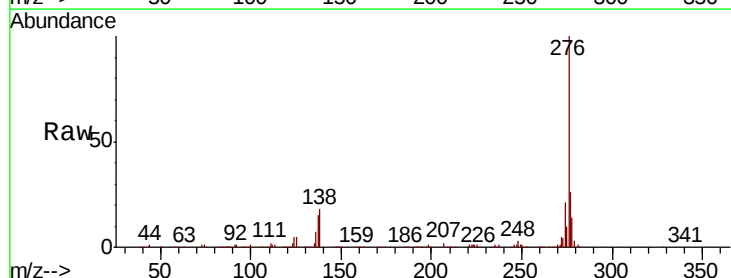
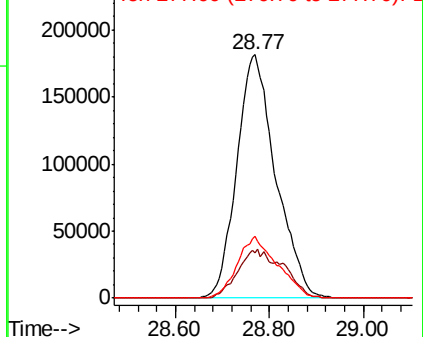
Delta R.T. -0.05 min

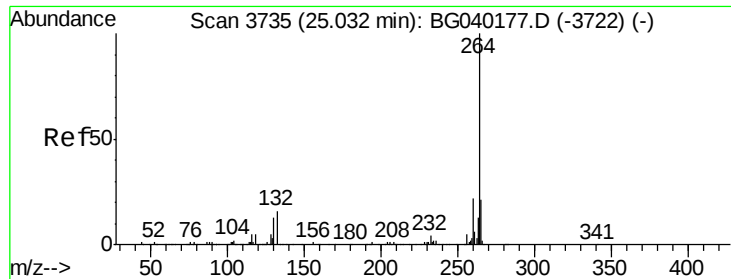
Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Tgt Ion:	276	Resp:	1044026
Ion Ratio	Lower	Upper	
276	100		
138	23.5	18.8	28.2
277	26.1	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

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.04 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

Instrument :

BNA_G

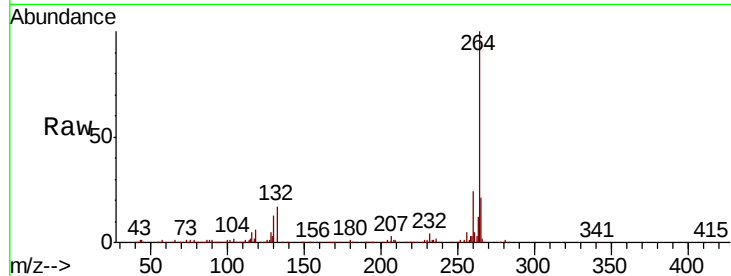
ClientSampleId :

PB118167BS

Tgt Ion:	264	Resp:	368547
Ion Ratio		Lower	Upper
264	100		
260	24.1	17.9	26.9
265	21.3	16.8	25.2

Manual Integrations
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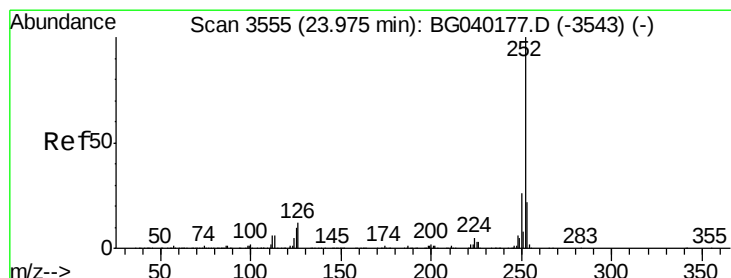
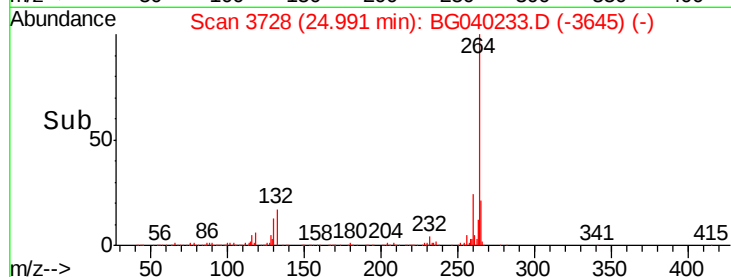
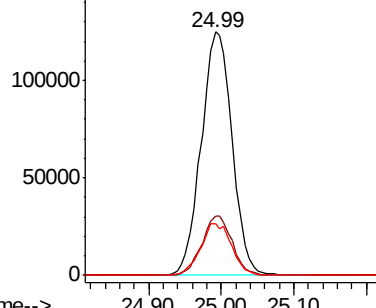


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.538 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG040233.D

Acq: 29 Mar 2019 19:56

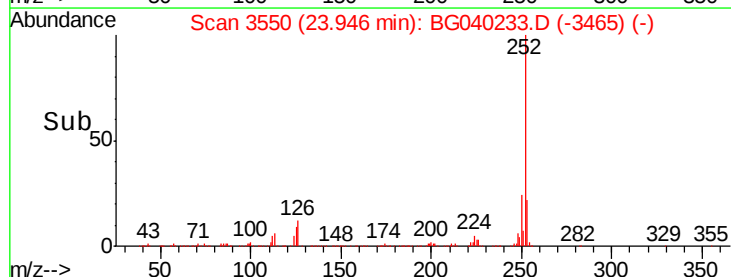
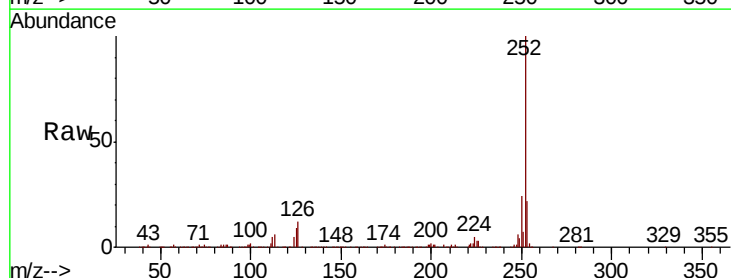
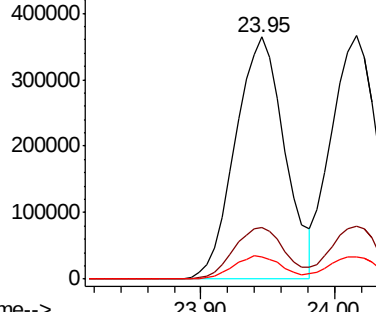
Tgt Ion:	252	Resp:	937250
Ion Ratio		Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.2	8.2	12.4

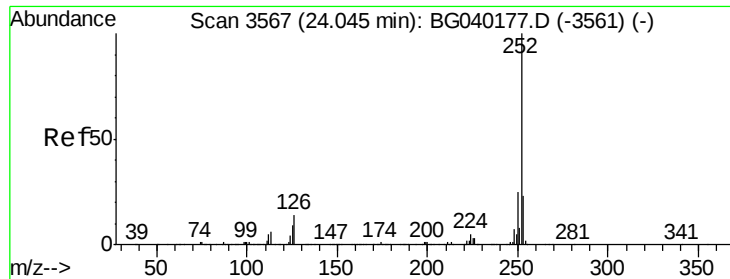
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





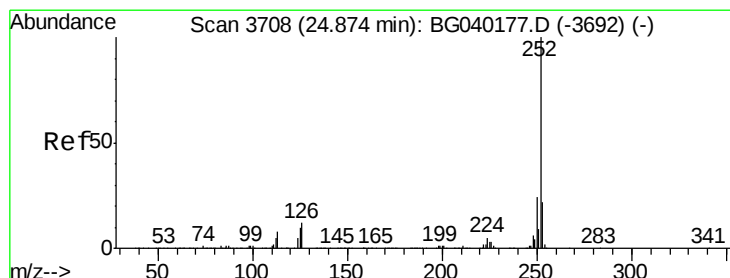
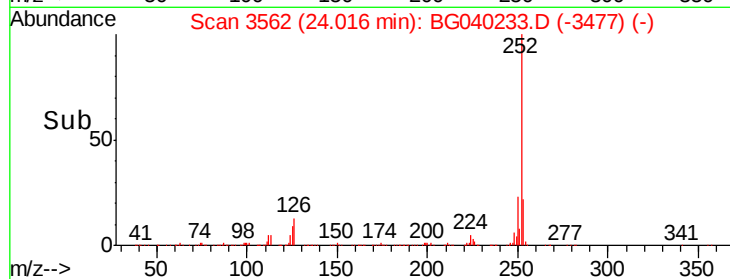
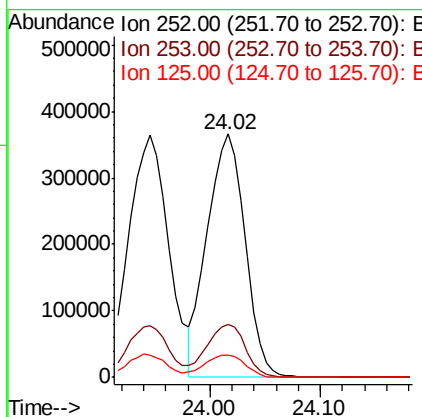
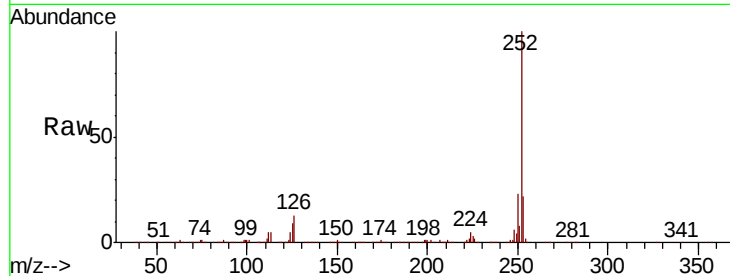
#89
Benzo(k)fluoranthene
Concen: 41.813 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.03 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampleId :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	9.3	7.3	10.9

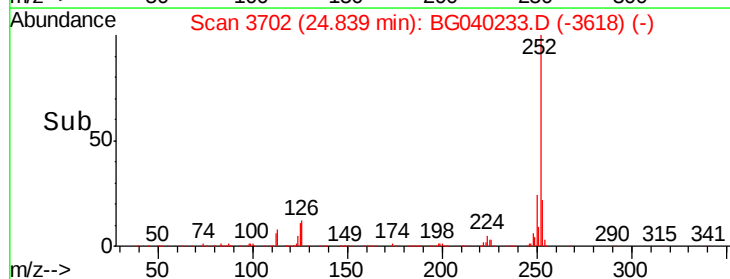
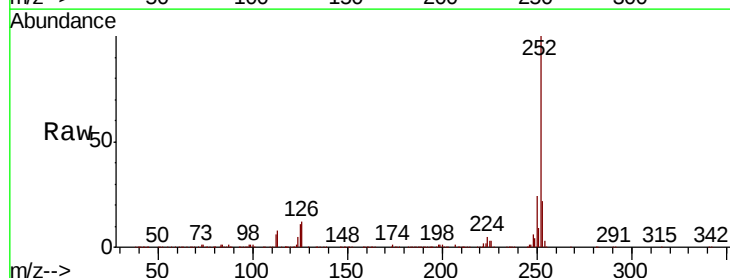
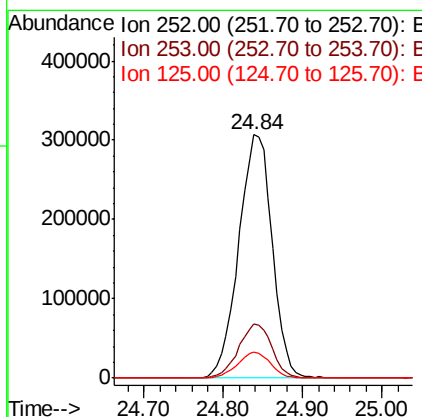
Manual Integrations
APPROVED

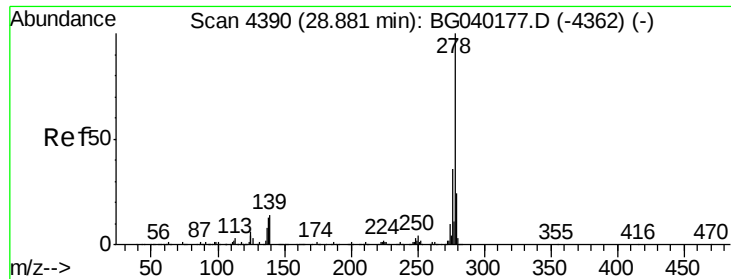
Sohil
4/1/2019 10:06:04 AM



#90
Benzo(a)pyrene
Concen: 42.469 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.04 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.7	8.3	12.5





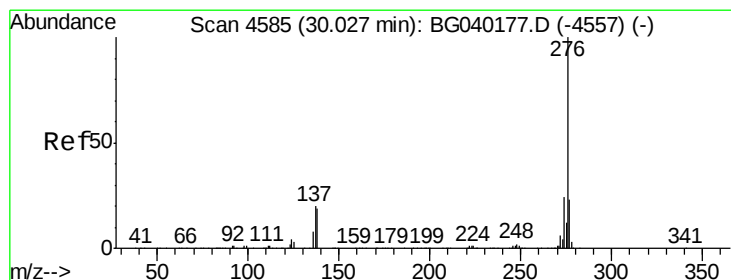
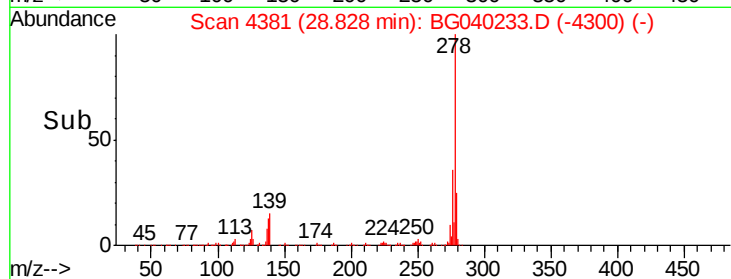
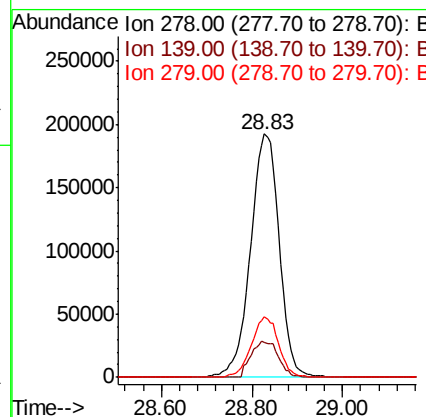
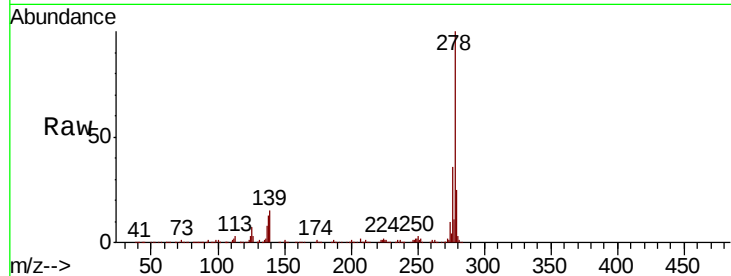
#91
Dibenzo(a,h)anthracene
Concen: 42.922 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.05 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Instrument :
BNA_G
ClientSampled :
PB118167BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.2	16.8
279	24.9	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/1/2019 10:06:04 AM



#92
Benzo(g,h,i)perylene
Concen: 43.190 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.07 min
Lab File: BG040233.D
Acq: 29 Mar 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	19.8	15.2	22.8

