

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039945.D
 Acq On : 15 Mar 2019 17:29
 Operator : JU/SJ
 Sample : PB117958BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:42 PM

Quant Time: Mar 16 04:31:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37609	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	158706	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	97205	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	237876	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	264808	20.00	ng	-0.02
87) Perylene-d12	25.18	264	273813	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	308648	140.01	ng	-0.01
7) Phenol-d6	7.29	99	417460	127.00	ng	-0.02
23) Nitrobenzene-d5	9.33	82	231425	78.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	152843	134.90	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	543776	79.65	ng	-0.02
79) Terphenyl-d14	20.11	244	913053	75.92	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	47904	47.068	ng	97
3) Pyridine	3.98	79	95872	35.186	ng	96
4) n-Nitrosodimethylamine	3.90	42	54319	42.023	ng	# 86
6) Aniline	7.47	93	112243	26.064	ng	97
8) 2-Chlorophenol	7.71	128	103560	38.722	ng	97
9) Benzaldehyde	7.29	77	61482	28.996	ng	98
10) Phenol	7.32	94	141255	39.668	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	104068	37.484	ng	100
12) 1,3-Dichlorobenzene	8.03	146	113679	37.583	ng	97
13) 1,4-Dichlorobenzene	8.18	146	117469	38.127	ng	98
14) 1,2-Dichlorobenzene	8.50	146	114493	38.462	ng	99
15) Benzyl Alcohol	8.39	79	99405	38.123	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212571	38.282	ng	99
17) 2-Methylphenol	8.58	107	91239	40.183	ng	98
18) Hexachloroethane	9.23	117	42656	38.585	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	83553	35.315	ng	92
20) 3+4-Methylphenols	8.91	107	124128	39.351	ng	99
22) Acetophenone	8.97	105	159989	37.559	ng	# 96
24) Nitrobenzene	9.37	77	125424	40.743	ng	98
25) Isophorone	9.88	82	230934	37.559	ng	98
26) 2-Nitrophenol	10.08	139	60424	40.653	ng	# 95
27) 2,4-Dimethylphenol	10.12	122	107315	46.424	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	141279	37.810	ng	99
29) 2,4-Dichlorophenol	10.61	162	111099	42.687	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	117630	40.165	ng	97
31) Naphthalene	11.02	128	333613	39.703	ng	99
32) Benzoic acid	10.25	122	50699	34.150	ng	95
33) 4-Chloroaniline	11.13	127	73477	20.621	ng	99
34) Hexachlorobutadiene	11.28	225	79055	39.502	ng	91
35) Caprolactam	11.91	113	34777m	34.980	ng	
36) 4-Chloro-3-methylphenol	12.23	107	116568	39.071	ng	99
37) 2-Methylnaphthalene	12.61	142	243784	38.806	ng	97
38) 1-Methylnaphthalene	12.83	142	234621	38.430	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	139011	42.213	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	188654	106.900	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	89746	46.550	nq	94
44) 2,4,5-Trichlorophenol	13.29	196	95457	43.926	nq	99
46) 1,1'-Biphenyl	13.61	154	325899	40.763	nq	100
47) 2-Chloronaphthalene	13.66	162	251881	41.879	nq	99
48) 2-Nitroaniline	13.87	65	82283	42.570	nq	97
49) Acenaphthylene	14.50	152	395246	40.031	nq	99
50) Dimethylphthalate	14.22	163	321968	39.611	nq	100
51) 2,6-Dinitrotoluene	14.35	165	68929	40.002	nq	96
52) Acenaphthene	14.84	154	236909	39.866	nq	99
53) 3-Nitroaniline	14.68	138	48722	28.128	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	68308	63.986	nq	97
55) Dibenzofuran	15.17	168	391100	40.113	nq	99
56) 4-Nitrophenol	14.98	139	119995	77.441	nq	93
57) 2,4-Dinitrotoluene	15.14	165	99390	41.050	nq	# 88
58) Fluorene	15.82	166	305193	39.817	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	92490	43.579	nq	97
60) Diethylphthalate	15.57	149	321372	39.940	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	162155	39.645	nq	98
62) 4-Nitroaniline	15.85	138	76402	40.687	nq	96
63) Azobenzene	16.10	77	298300	40.898	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	54516	38.761	nq	99
66) n-Nitrosodiphenylamine	16.02	169	275618	40.023	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	105508	39.625	nq	94
68) Hexachlorobenzene	16.81	284	108378	39.267	nq	98
69) Atrazine	16.96	200	112164	41.384	nq	100
70) Pentachlorophenol	17.16	266	132774	76.172	nq	98
71) Phenanthrene	17.56	178	519701	39.664	nq	99
72) Anthracene	17.65	178	527653	41.326	nq	99
73) Carbazole	17.93	167	476776	41.420	nq	99
74) Di-n-butylphthalate	18.46	149	582706	43.026	nq	99
75) Fluoranthene	19.57	202	663390	42.841	nq	97
77) Benzidine	19.75	184	268491	31.951	nq	99
78) Pyrene	19.93	202	665760	38.690	nq	98
80) Butylbenzylphthalate	20.79	149	278580	41.787	nq	93
81) Benzo(a)anthracene	21.79	228	648289	39.062	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	152491	25.167	nq	99
83) Chrysene	21.86	228	623233	38.735	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	387868	41.403	nq	99
85) Di-n-octyl phthalate	22.90	149	666616	42.975	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	740609	40.575	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	659118	40.367	nq	98
89) Benzo(k)fluoranthene	24.17	252	631809	41.569	nq	99
90) Benzo(a)pyrene	25.02	252	643300	42.637	nq	98
91) Dibenzo(a,h)anthracene	29.11	278	608754	41.155	nq	98
92) Benzo(g,h,i)perylene	30.26	276	617364	41.558	nq	95

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

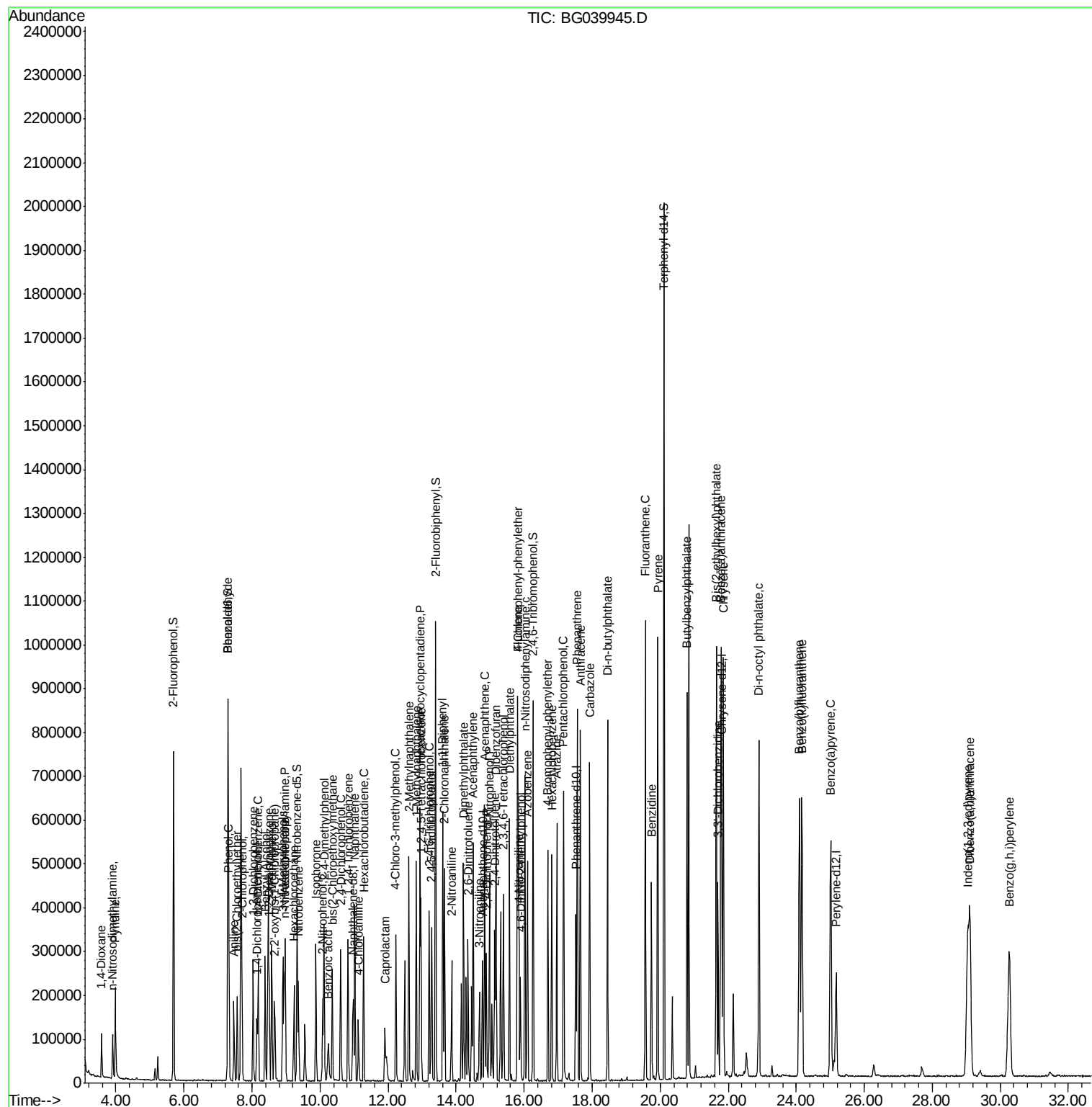
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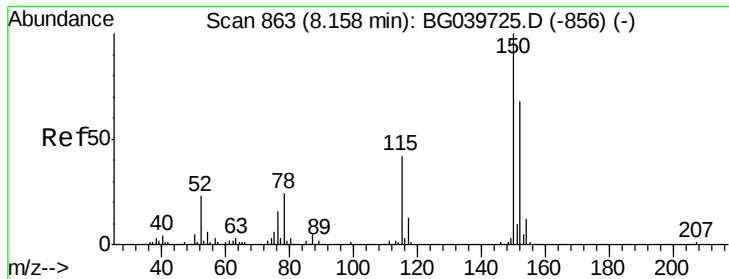
Instrument :
 BNA_G
 ClientSampleID :
 PB117958BS

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#1

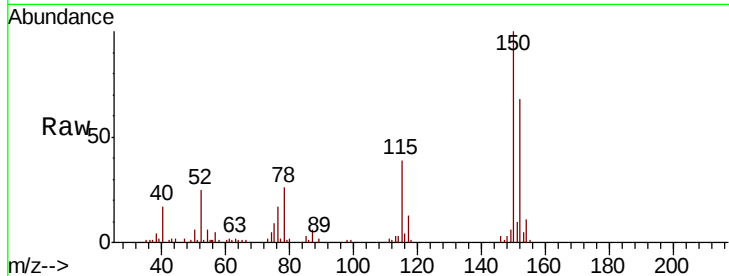
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.1	123.7	185.5
115	57.3	45.9	68.9

Manual Integrations
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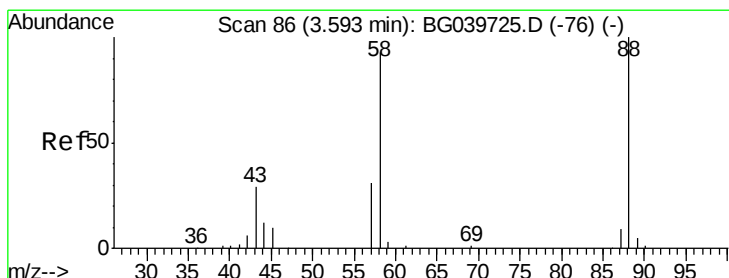
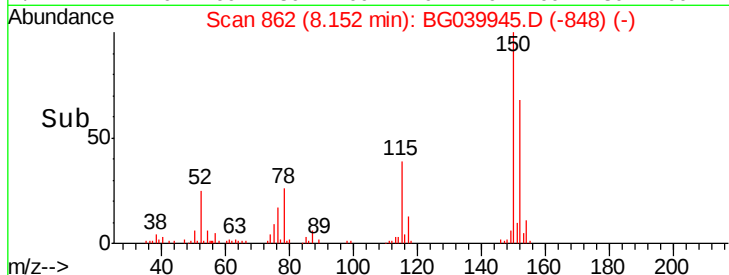
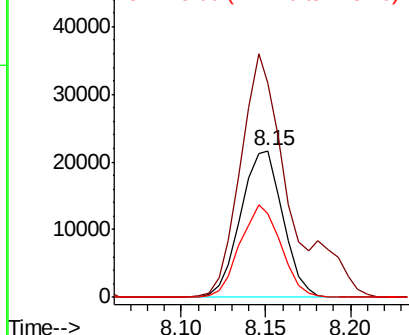


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

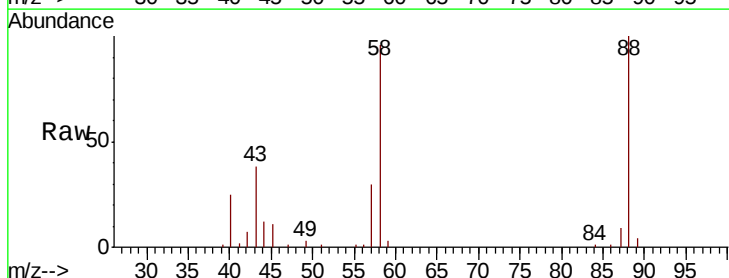
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.068 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	81.1	121.7
43	39.0	31.4	47.0

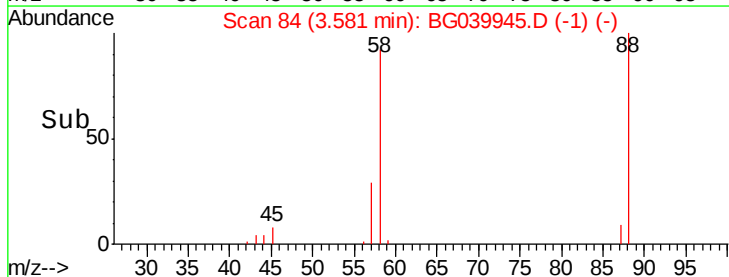
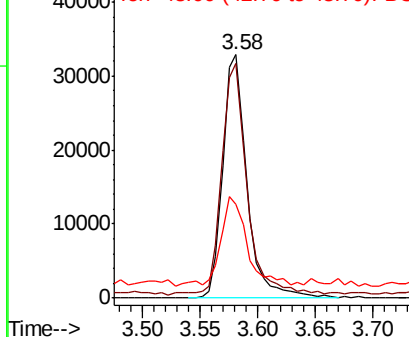


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.186 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

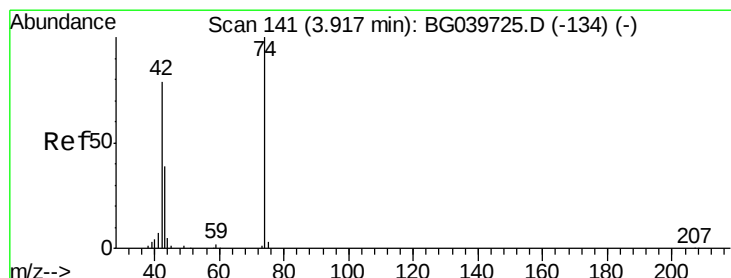
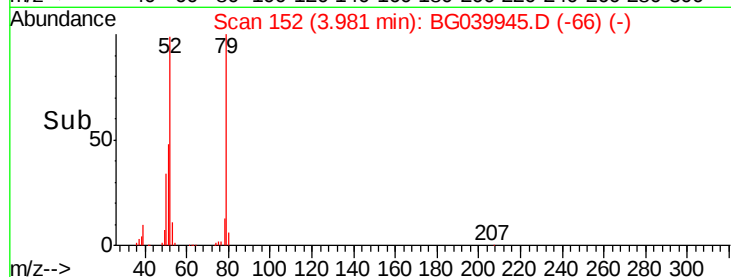
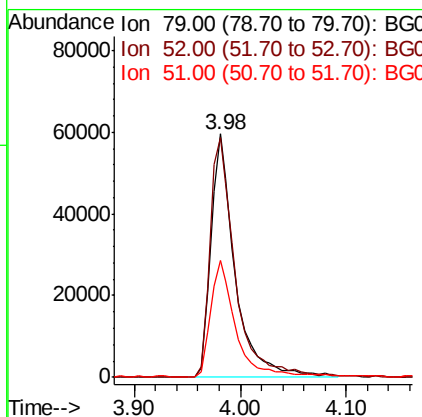
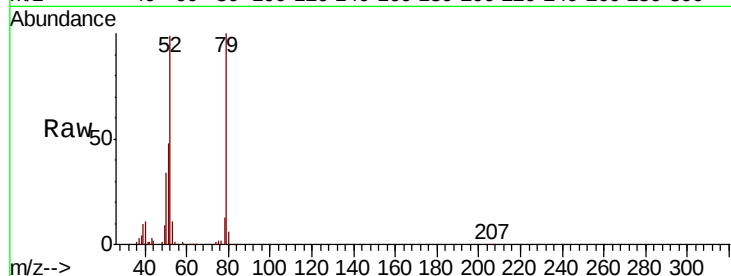
ClientSampleId :

PB117958BS

Tot Ion:	79	Resp:	95872
Ion Ratio	Lower	Upper	
79	100		
52	98.5	82.6	124.0
51	48.2	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.023 ng

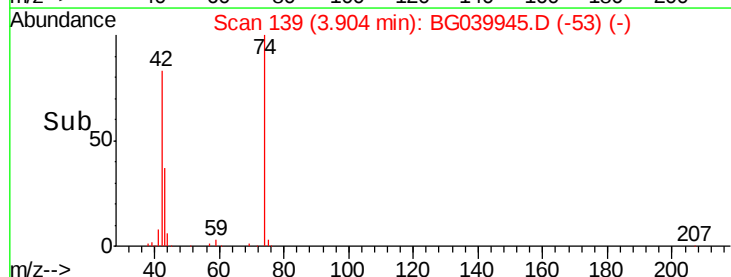
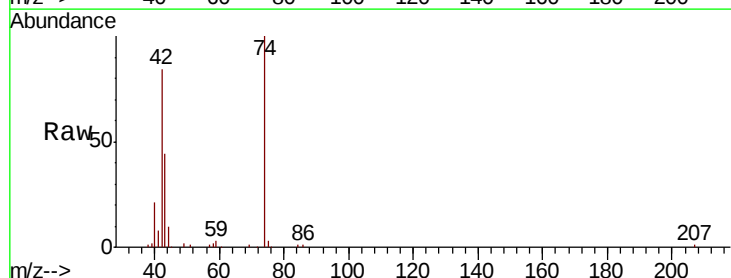
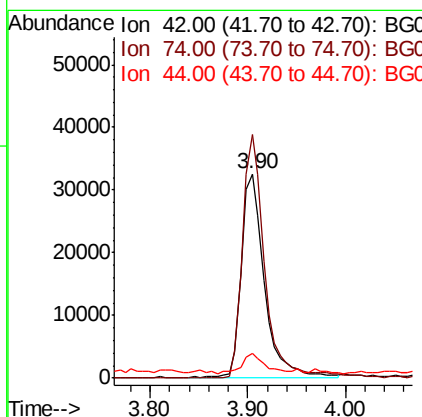
RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	42	Resp:	54319
Ion Ratio	Lower	Upper	
42	100		
74	119.1	83.6	125.4
44	12.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 140.008 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

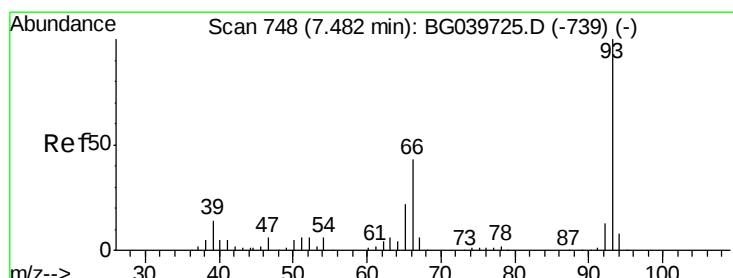
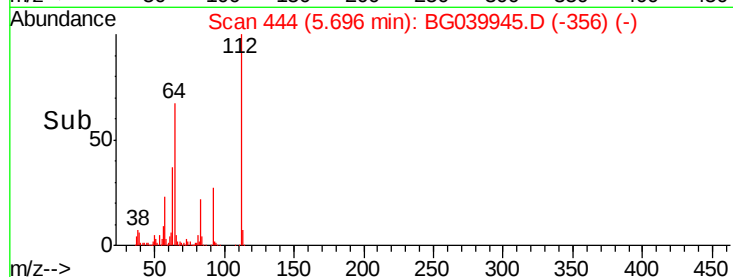
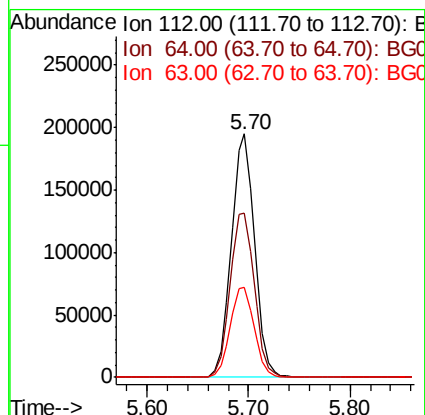
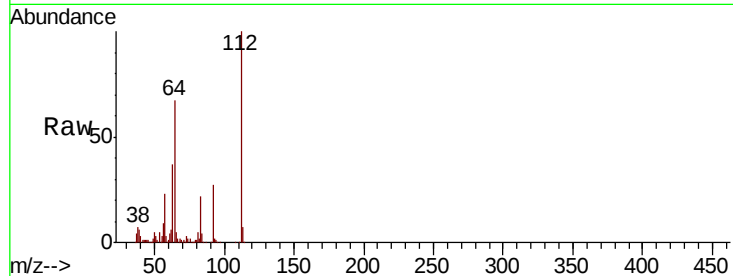
ClientSampled :

PB117958BS

Tot Ion:	112	Resp:	308648
Ion Ratio	Lower	Upper	
112	100		
64	67.2	57.8	86.8
63	36.9	29.8	44.6

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#6

Aniline

Concen: 26.064 ng

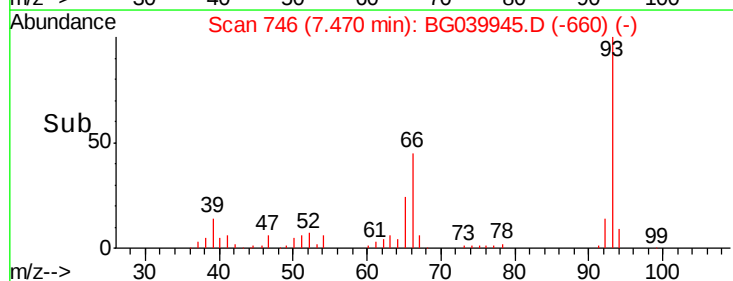
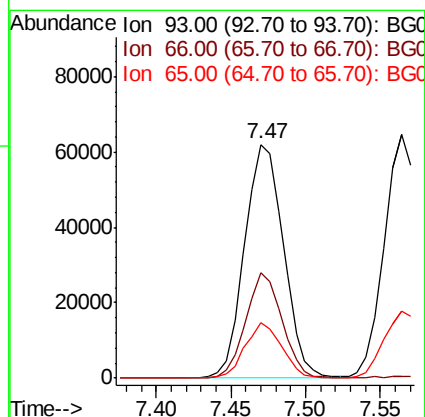
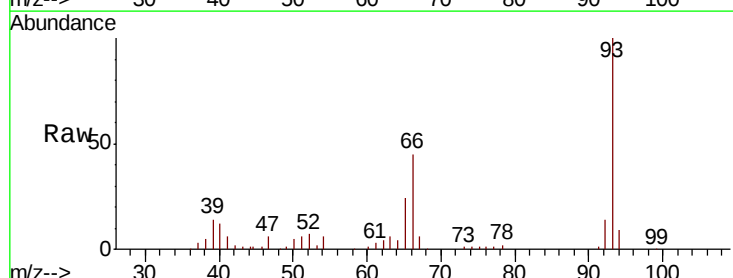
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	93	Resp:	112243
Ion Ratio	Lower	Upper	
93	100		
66	44.9	34.2	51.4
65	23.8	17.7	26.5





#7

Phenol-d6

Concen: 127.002 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

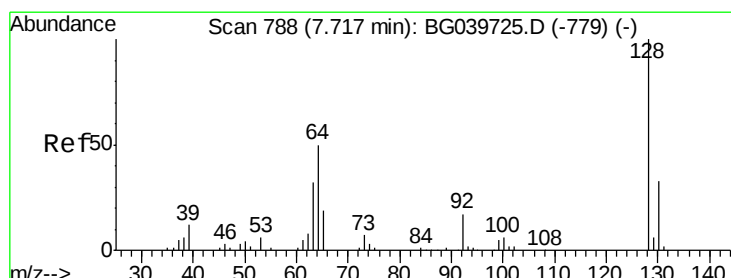
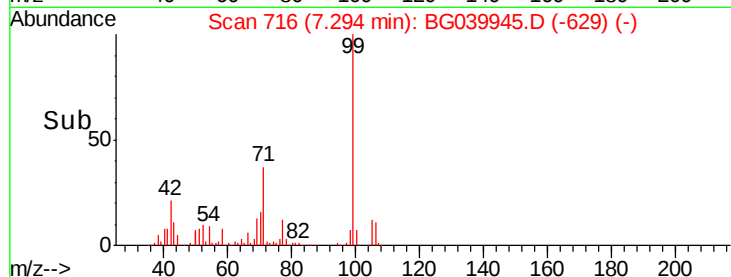
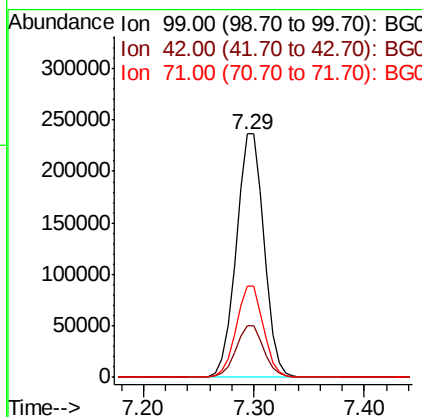
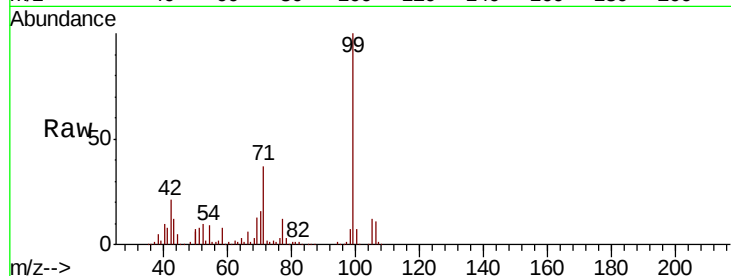
ClientSampleId :

PB117958BS

Tot Ion:	99	Resp:	417460
Ion Ratio	Lower	Upper	
99	100		
42	21.0	18.2	27.2
71	37.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 38.722 ng

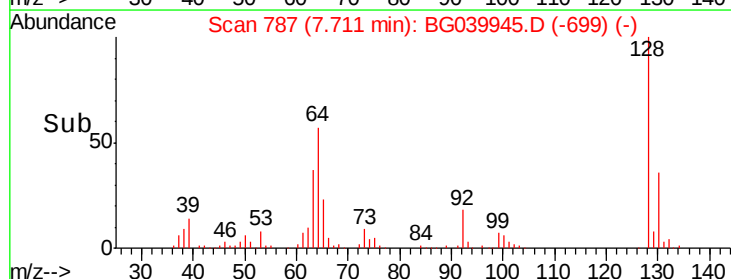
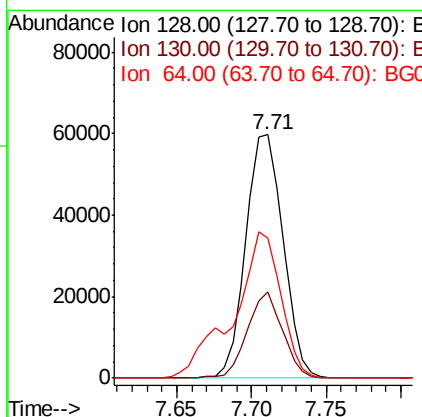
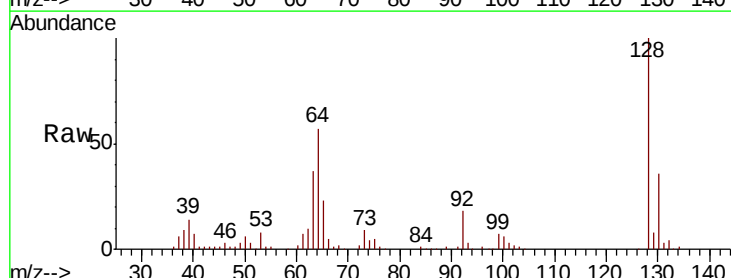
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	128	Resp:	103560
Ion Ratio	Lower	Upper	
128	100		
130	35.6	12.9	52.9
64	57.4	38.7	78.7





#9

Benzaldehyde

Concen: 28.996 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

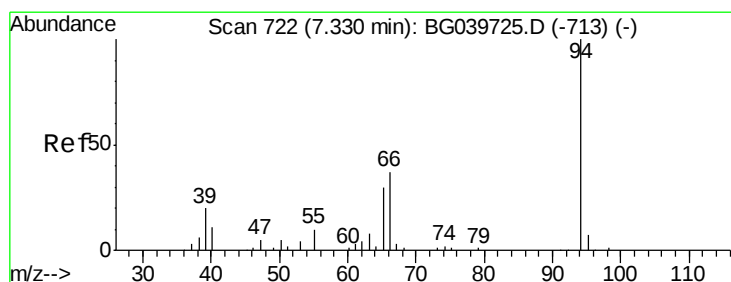
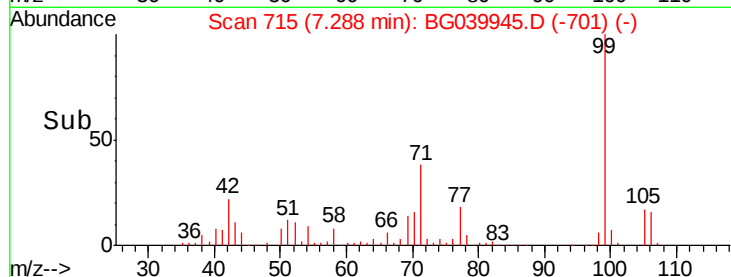
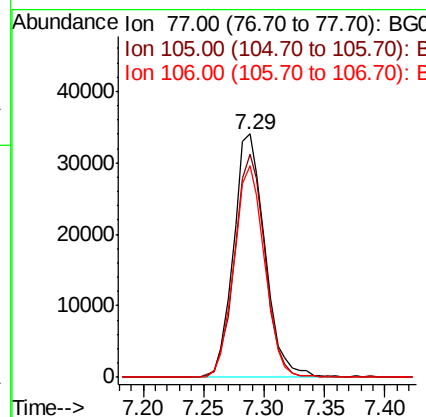
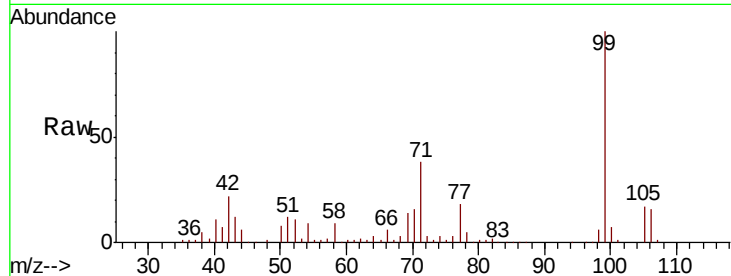
ClientSampleId :

PB117958BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	91.6	74.5	114.5	
106	86.8	68.0	108.0	

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#10

Phenol

Concen: 39.668 ng

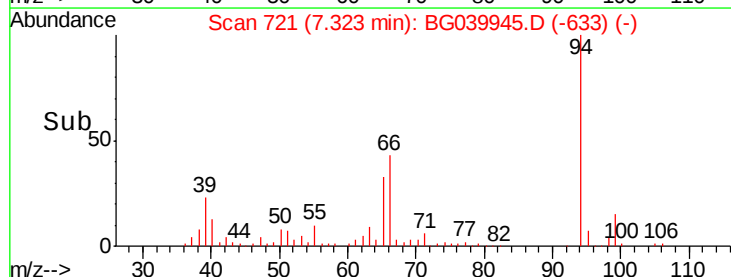
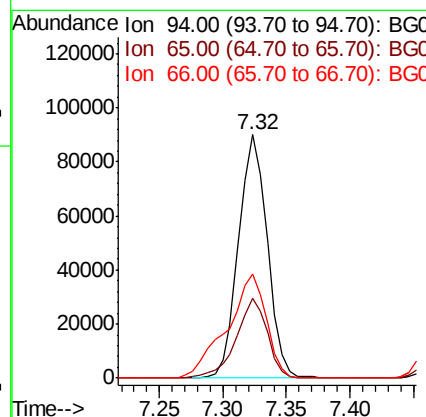
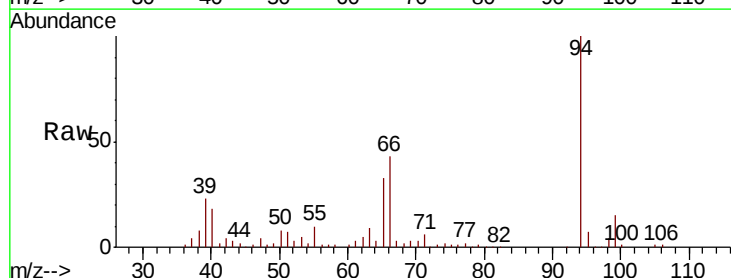
RT: 7.32 min Scan# 721

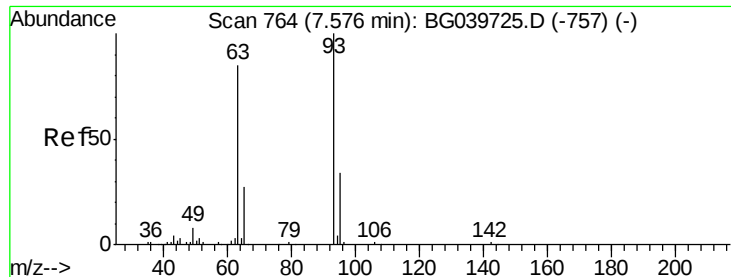
Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.8	11.7	51.7	
66	42.8	23.7	63.7	





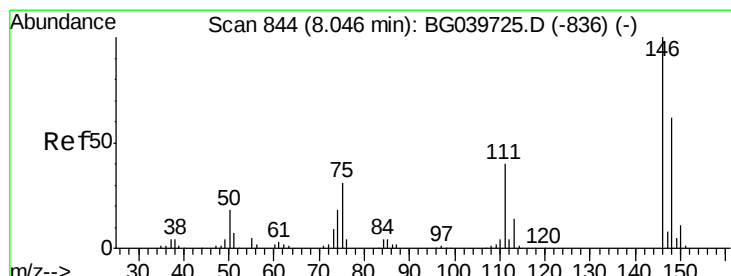
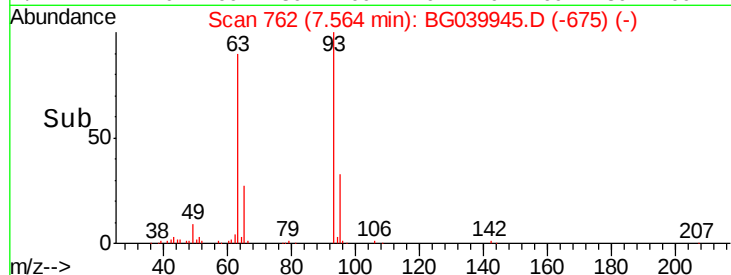
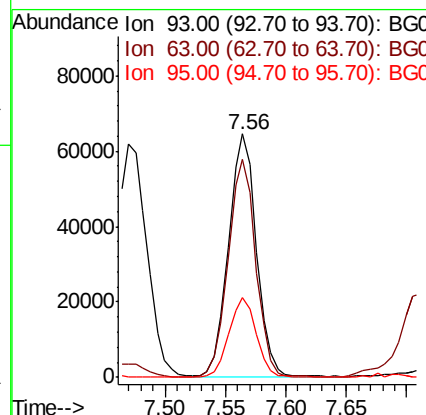
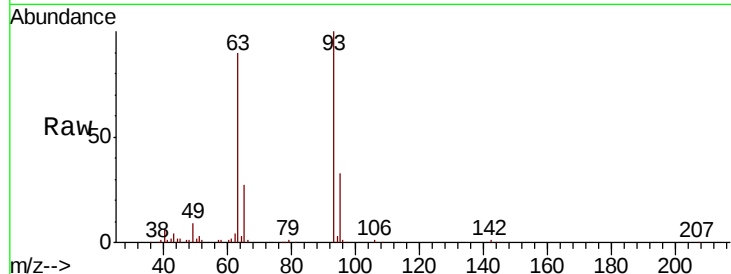
#11
bis(2-Chloroethyl)ether
Concen: 37.484 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.7	69.5	109.5	
95	33.0	12.7	52.7	

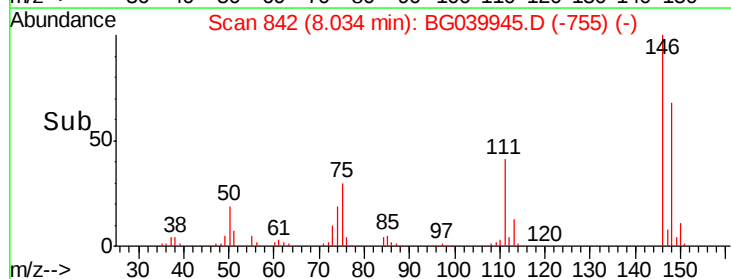
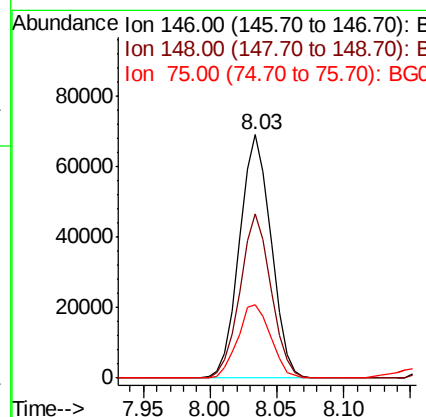
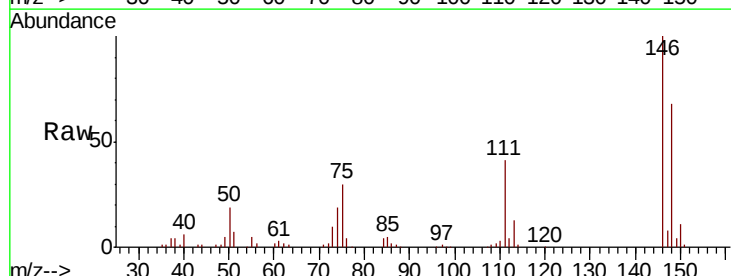
Manual Integrations
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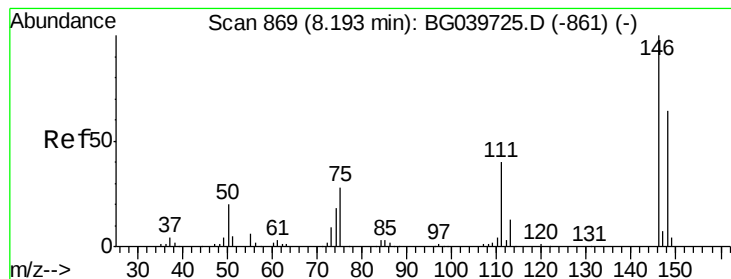
Sohil
3/18/2019 3:02:42 PM



#12
1,3-Dichlorobenzene
Concen: 37.583 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.7	52.6	79.0	
75	30.1	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 38.127 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

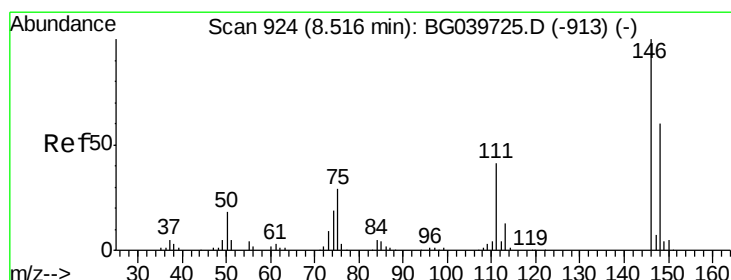
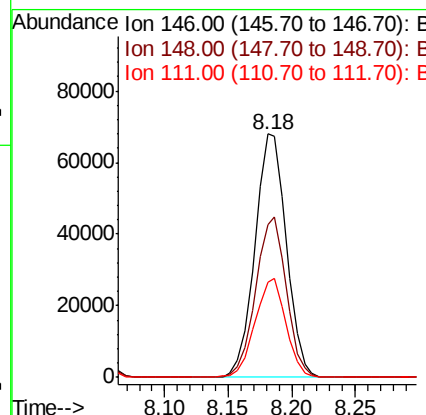
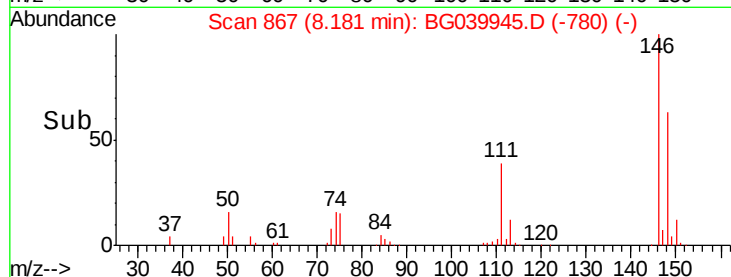
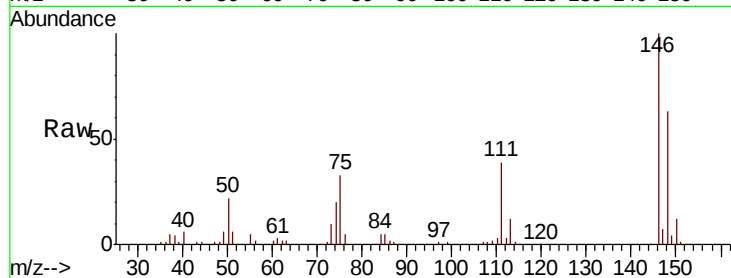
ClientSampleId :

PB117958BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.1	76.7
111	39.0	32.6	48.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.462 ng

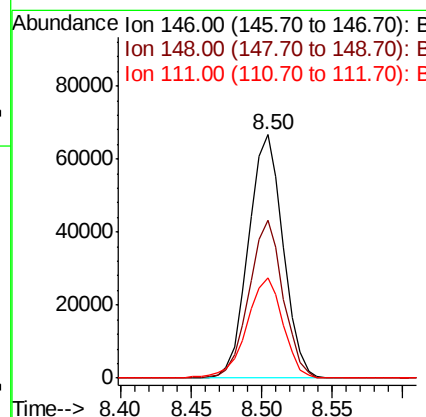
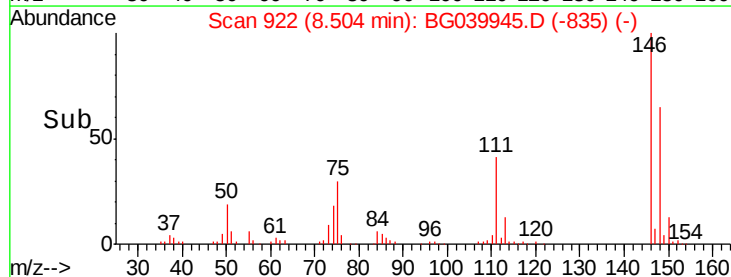
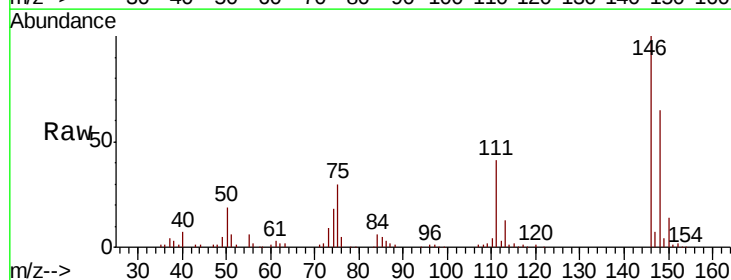
RT: 8.50 min Scan# 922

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	41.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.123 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

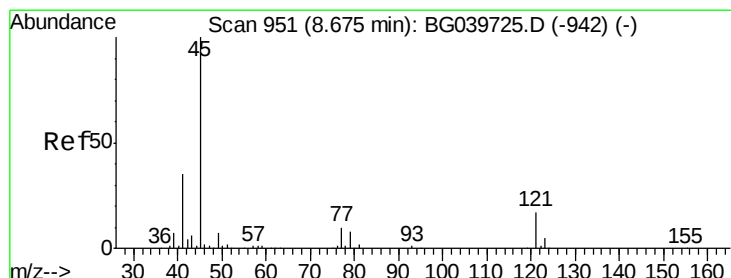
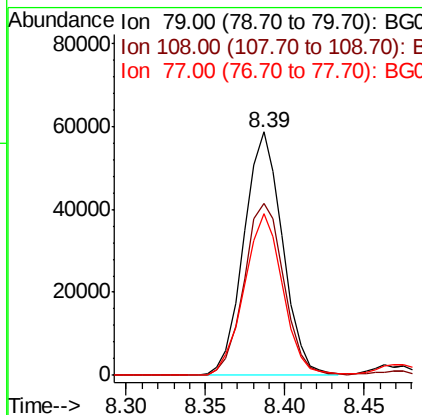
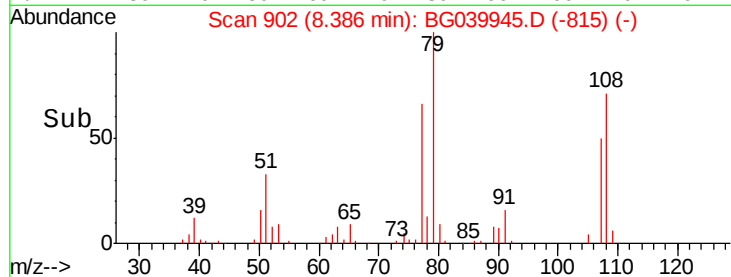
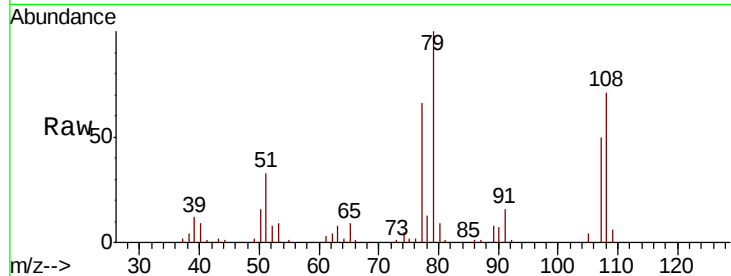
ClientSampleId :

PB117958BS

Tot Ion:	79	Resp:	99405
Ion Ratio	Lower	Upper	
79	100		
108	70.8	57.8	86.6
77	66.3	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.282 ng

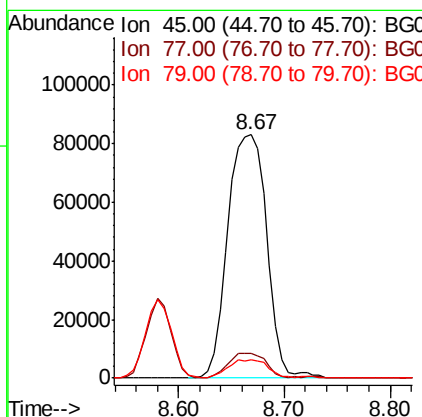
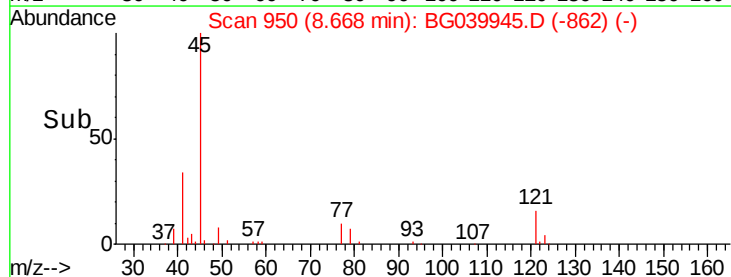
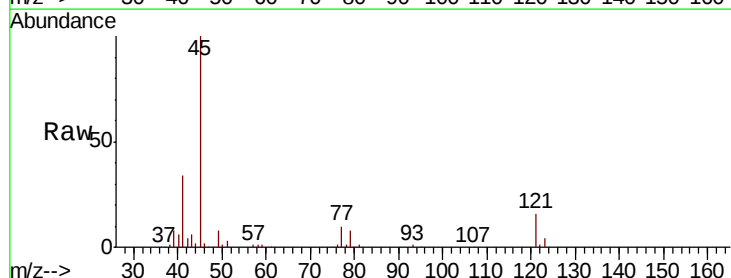
RT: 8.67 min Scan# 950

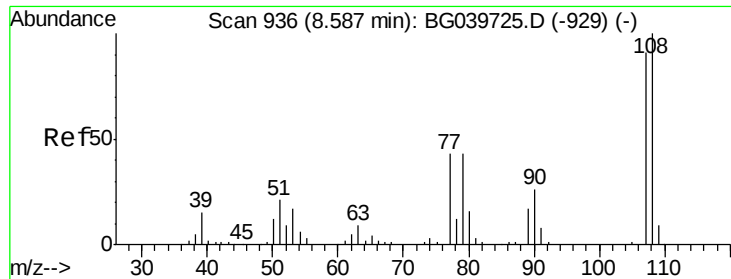
Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	45	Resp:	212571
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	7.7	0.0	27.5





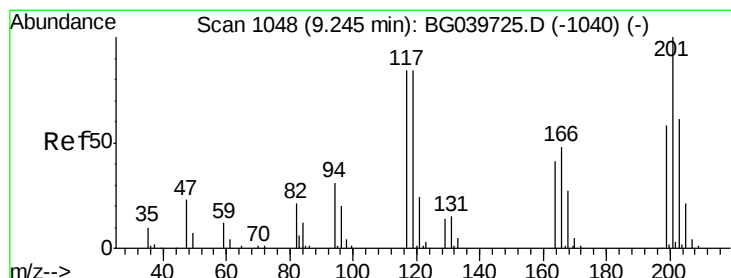
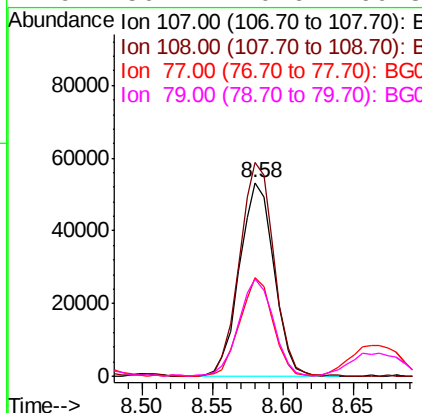
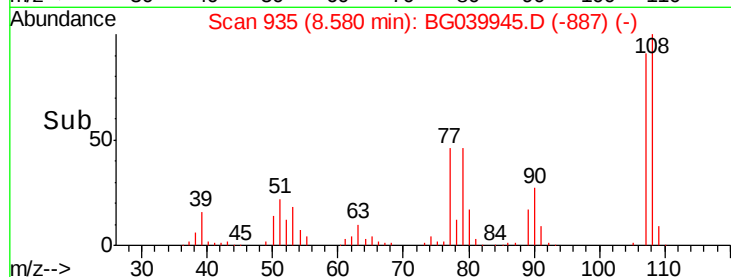
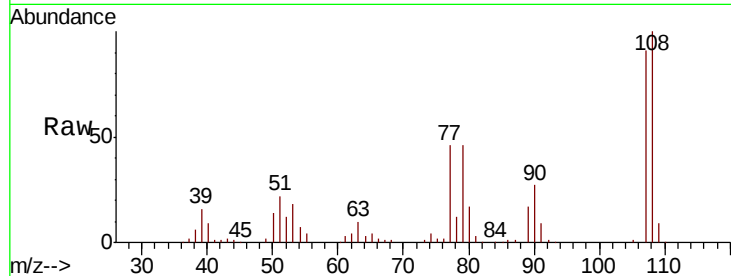
#17
2-Methylphenol
Concen: 40.183 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampled :
PB117958BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.8	136.2
77	51.1	40.7	61.1
79	50.2	40.6	60.8

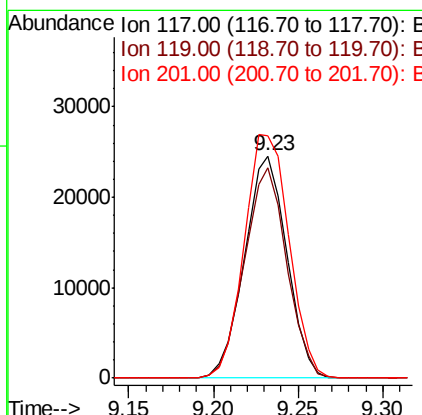
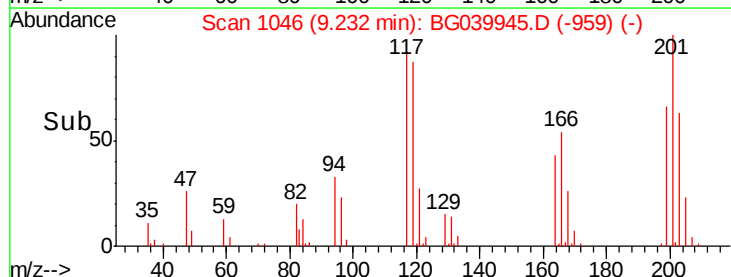
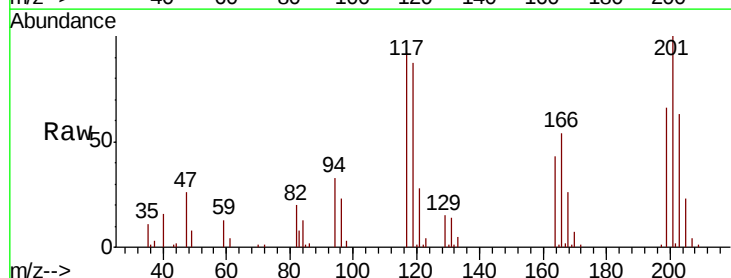
Manual Integrations
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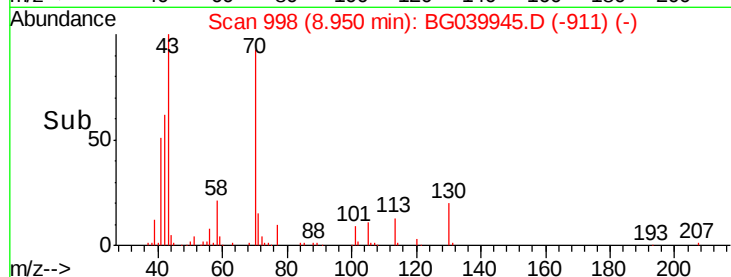
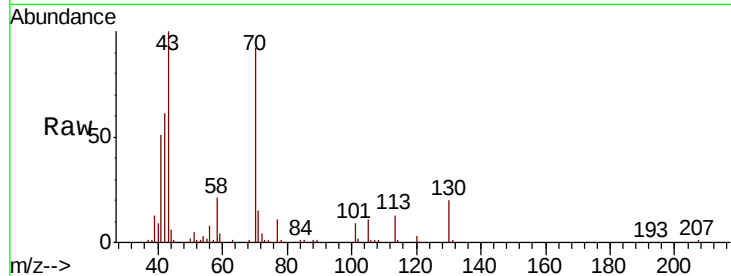
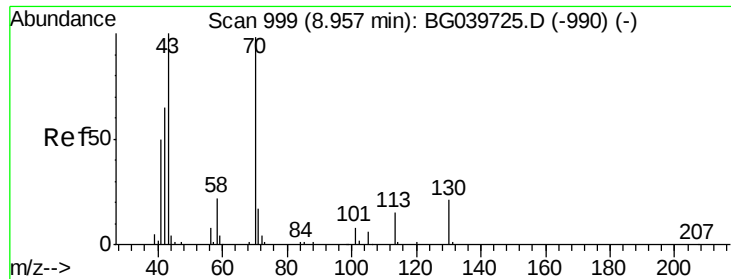
Sohil
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#18
Hexachloroethane
Concen: 38.585 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.3	114.5
201	108.8	91.1	136.7





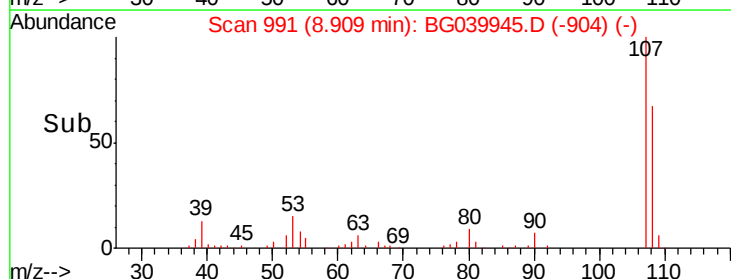
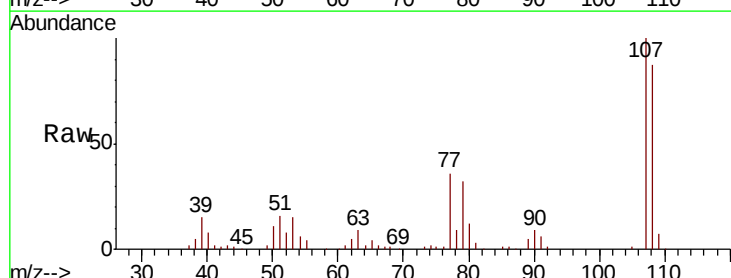
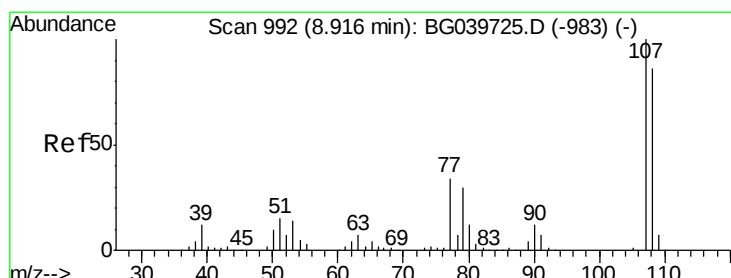
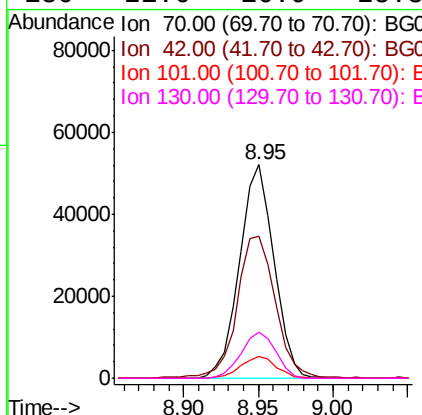
#19
n-Nitroso-di-n-propylamine
Concen: 35.315 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.7	60.4	90.6
101	10.2	7.5	11.3
130	21.6	16.9	25.3

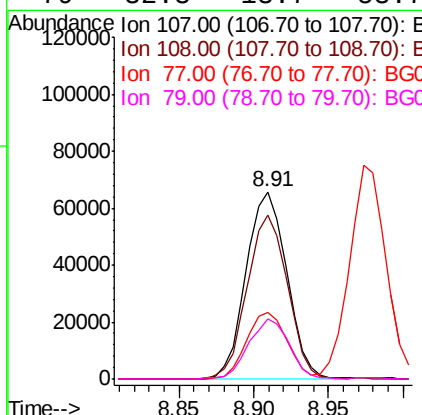
Manual Integrations
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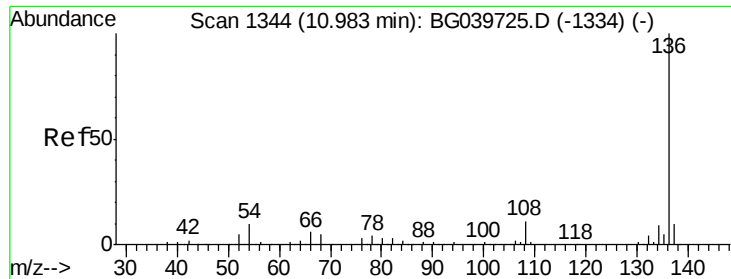
Sohil
3/18/2019 3:02:42 PM



#20
3+4-Methylphenols
Concen: 39.351 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.9	107.9
77	35.8	15.4	55.4
79	32.3	13.7	53.7





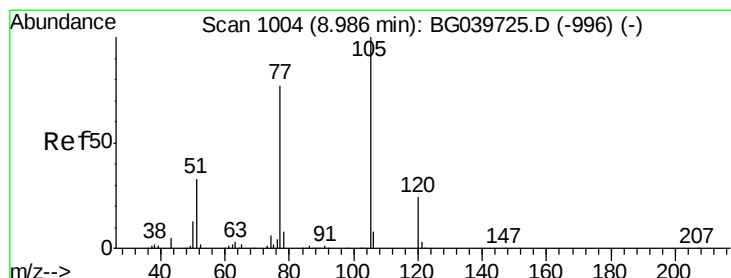
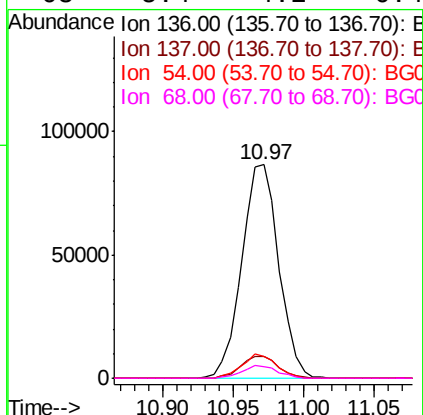
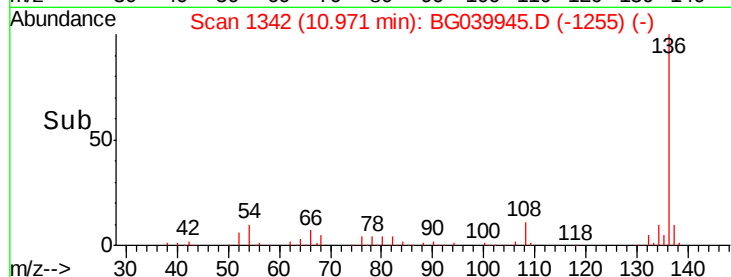
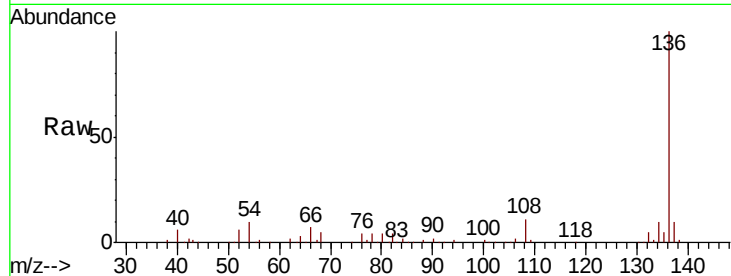
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.1	13.7	
54	10.5	9.4	14.2	
68	5.4	4.2	6.4	

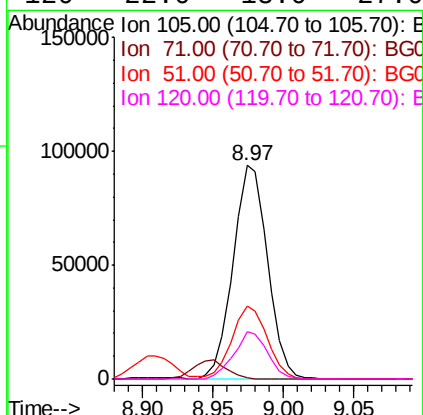
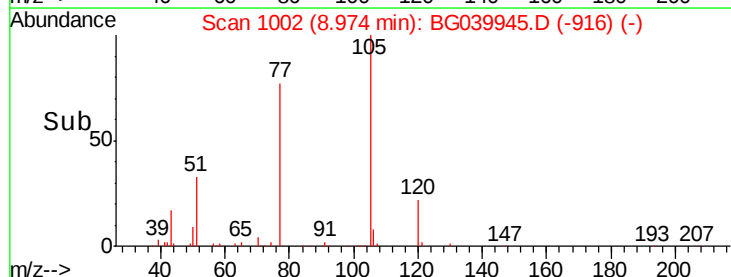
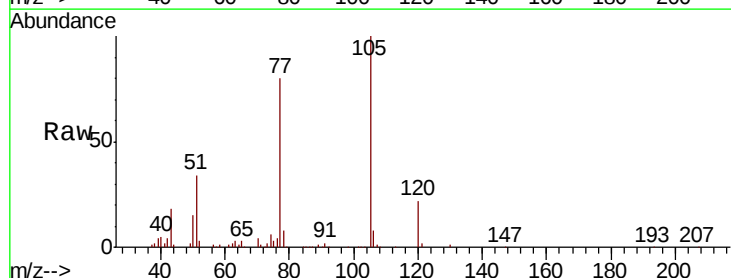
Manual Integrations
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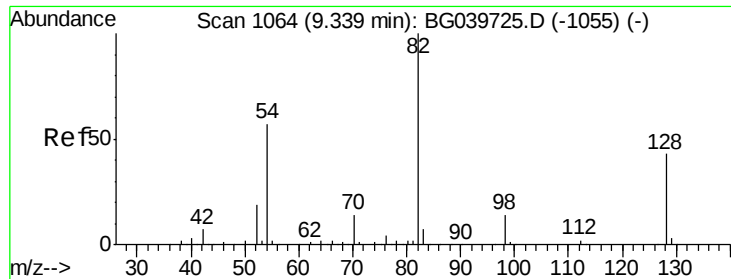
Sohil
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#22
Acetophenone
Concen: 37.559 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.8	1.2#	
51	34.2	30.2	45.2	
120	22.0	18.0	27.0	





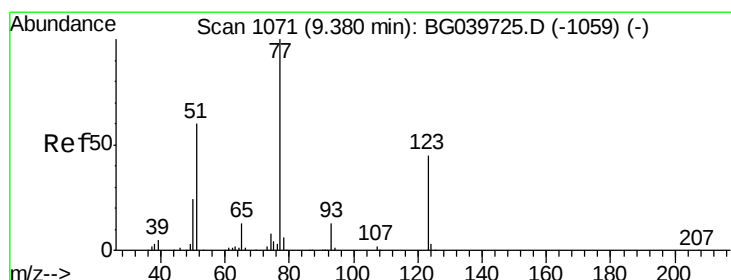
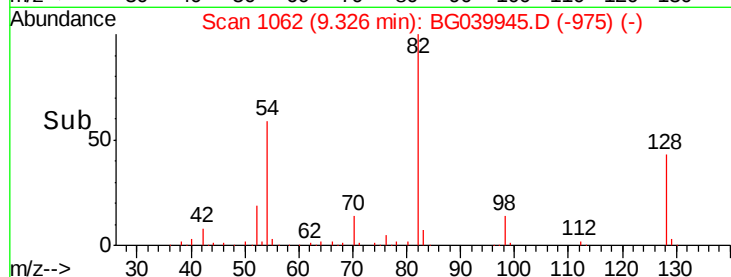
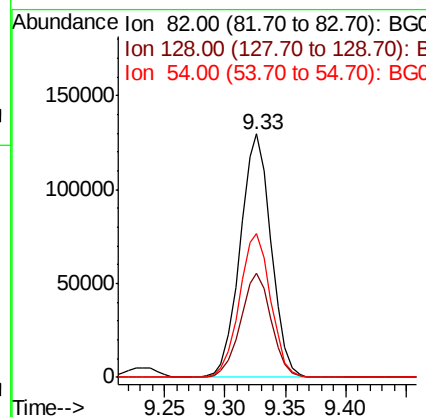
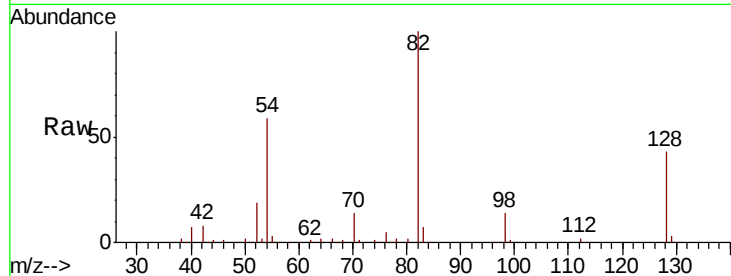
#23
Nitrobenzene-d5
Concen: 78.865 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.2	50.9	76.3

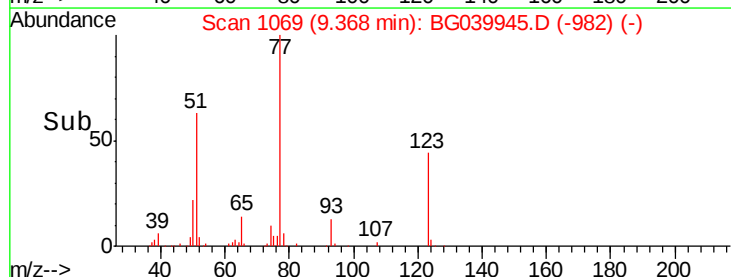
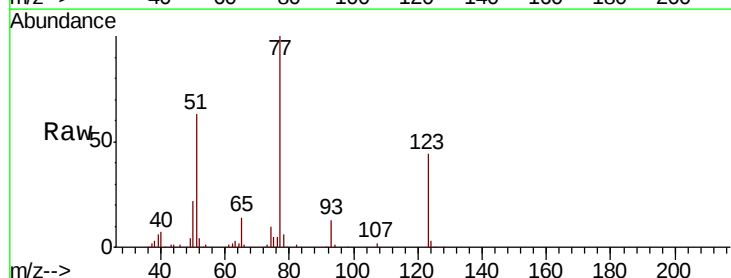
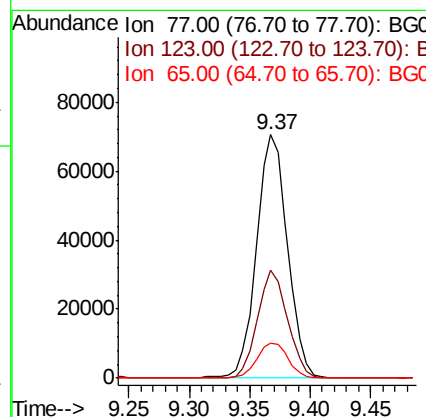
Manual Integrations
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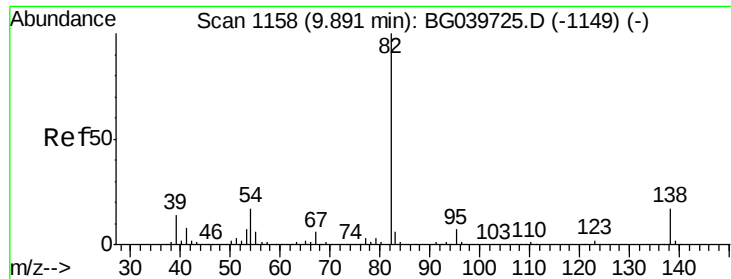
Sohil
3/18/2019 3:02:42 PM



#24
Nitrobenzene
Concen: 40.743 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	34.1	51.1
65	14.5	12.3	18.5





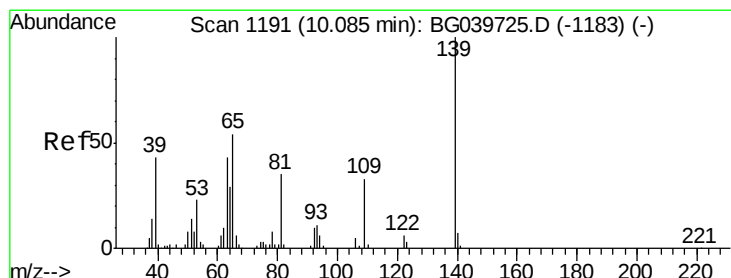
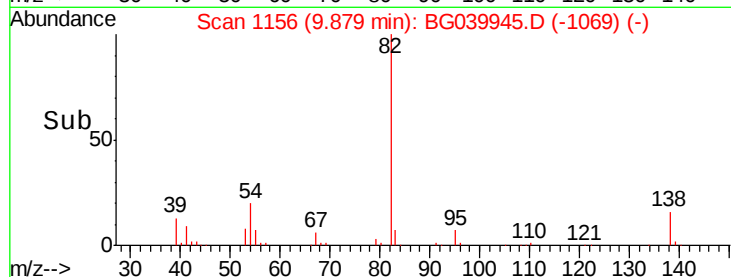
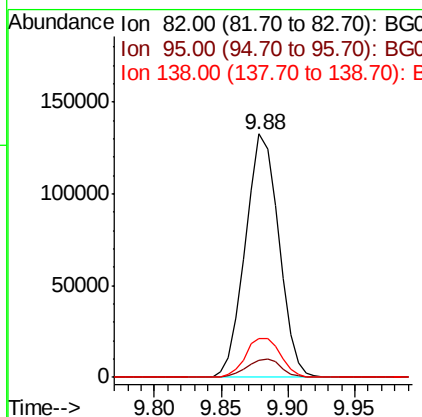
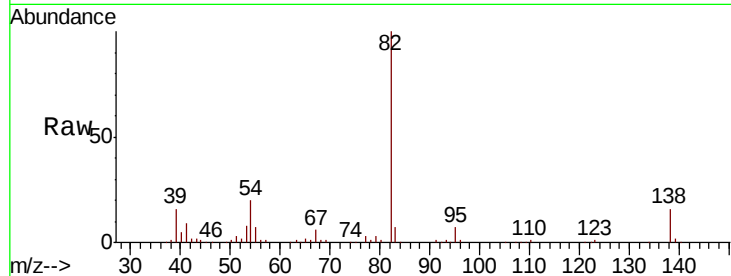
#25
Isophorone
Concen: 37.559 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	82	Resp	230934
Ion Ratio	100	Lower	Upper
82	100		
95	6.8	6.2	9.2
138	15.7	13.0	19.4

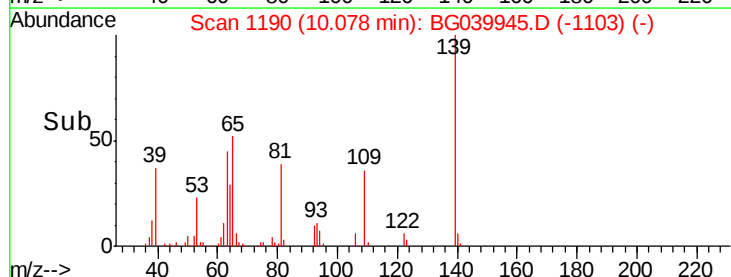
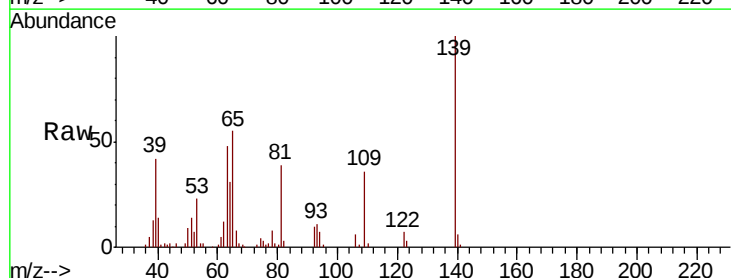
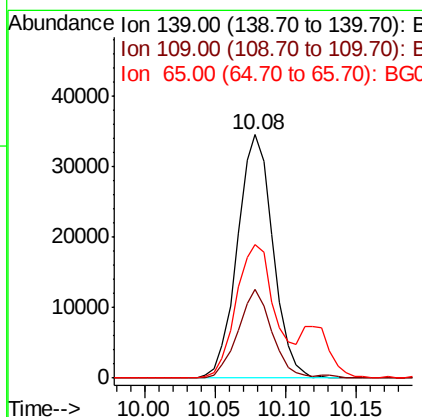
Manual Integrations
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3/18/2019 3:02:42 PM



#26
2-Nitrophenol
Concen: 40.653 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	139	Resp	60424
Ion Ratio	100	Lower	Upper
139	100		
109	36.3	23.4	35.0#
65	55.0	44.3	66.5





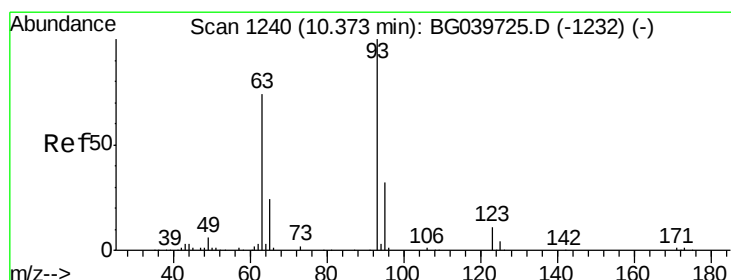
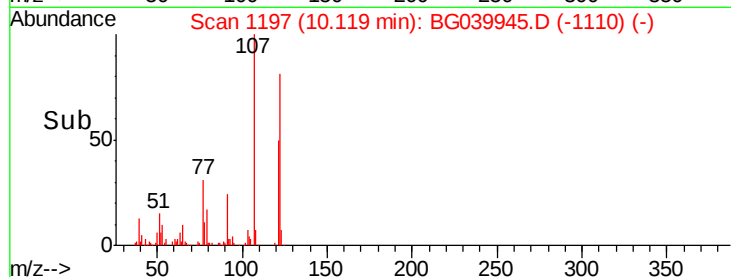
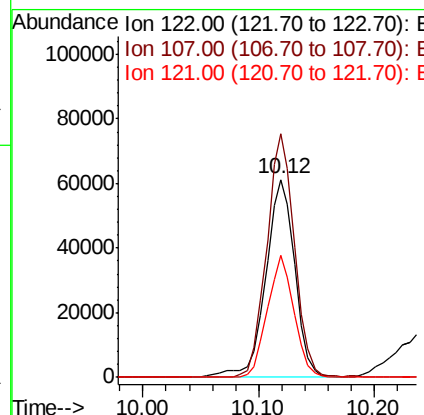
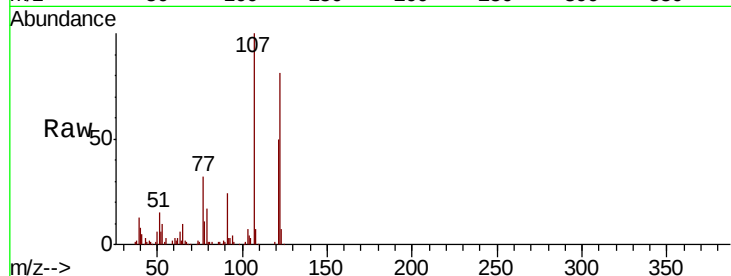
#27
2,4-Dimethylphenol
Concen: 46.424 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	107315		
107	123.0		91.7	137.5
121	61.9		46.4	69.6

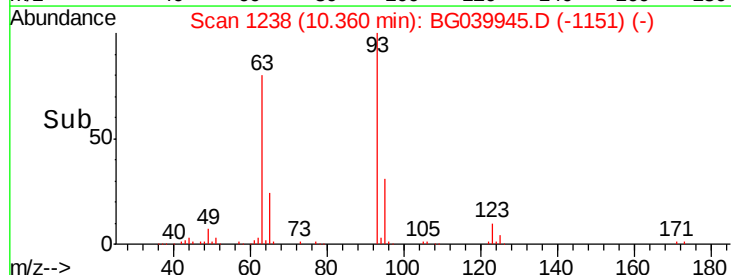
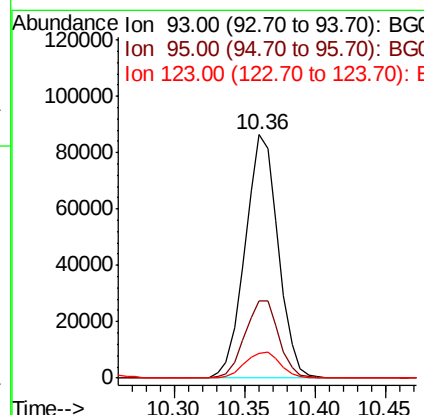
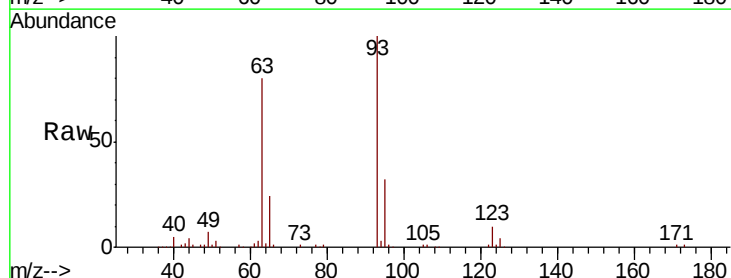
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 37.810 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	141279		
95	31.5		25.0	37.4
123	10.4		8.6	12.8





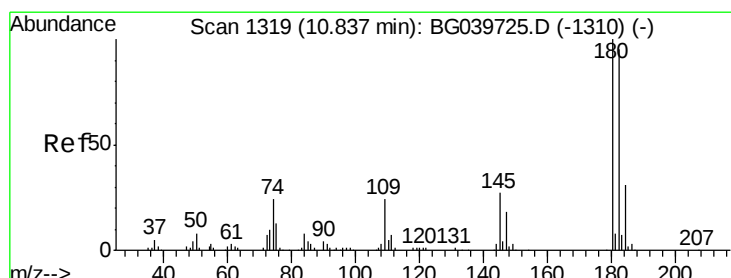
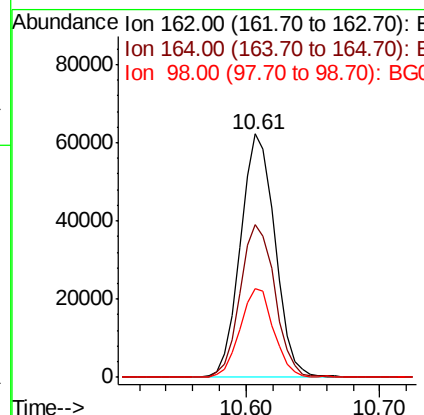
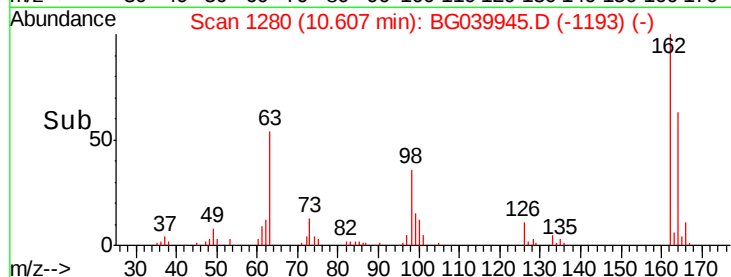
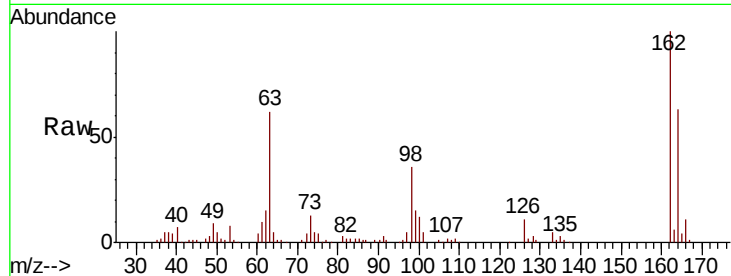
#29
 2,4-Dichlorophenol
 Concen: 42.687 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		111099		
164	62.5	48.1	88.1		
98	36.4	18.1	58.1		

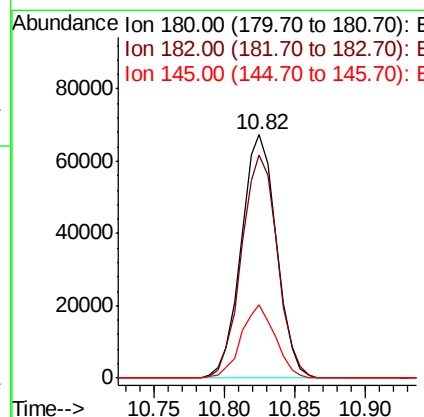
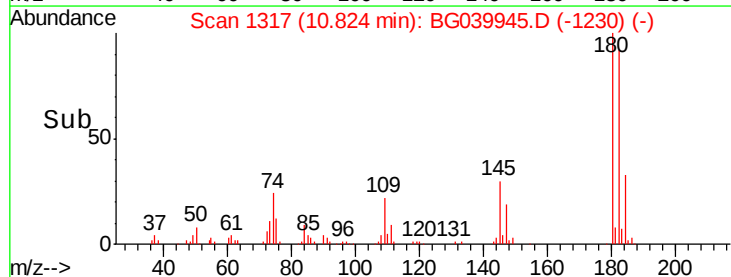
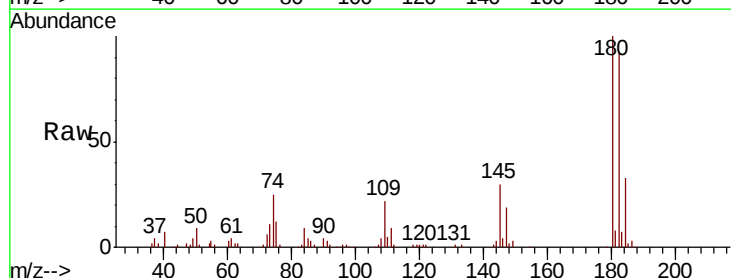
Manual Integrations
 APPROVED

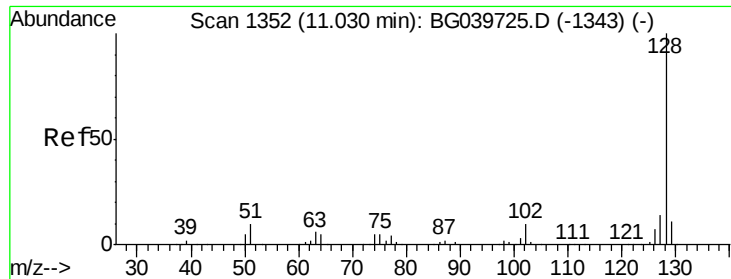
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.165 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		117630		
182	91.6	76.0	114.0		
145	30.2	22.7	34.1		





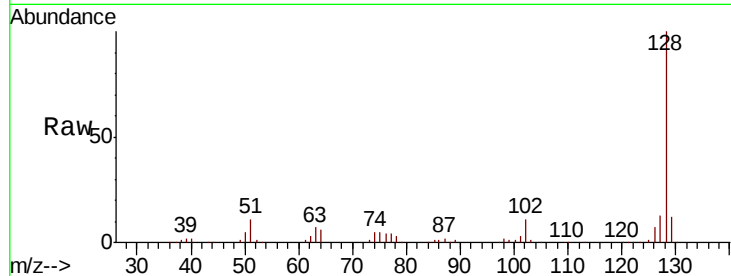
#31
Naphthalene
Concen: 39.703 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	13.2	10.8	16.2

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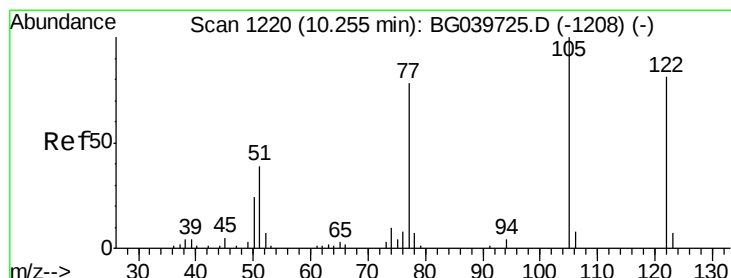
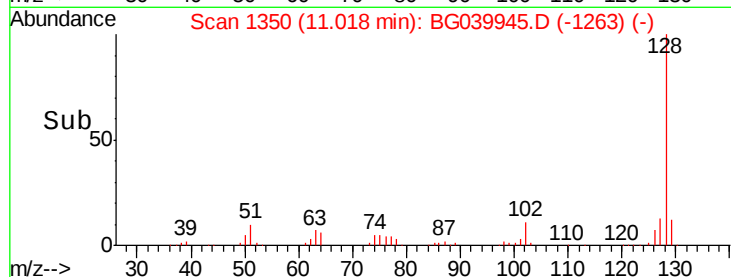
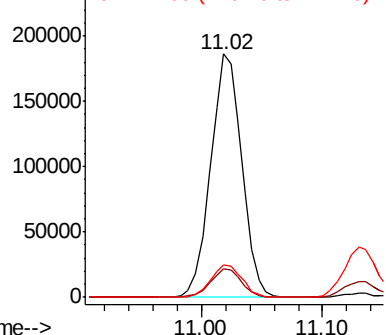


Abundance

Ion 128.00 (127.70 to 128.70): E

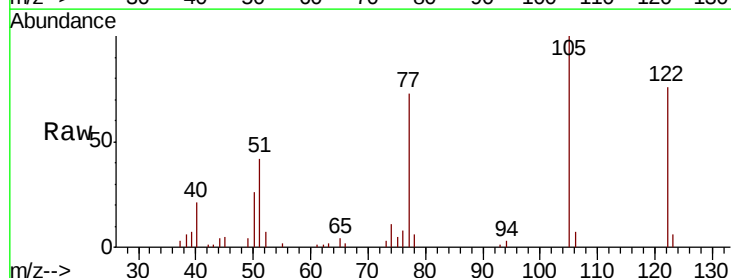
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.150 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	101.8	141.8
77	96.6	76.3	116.3

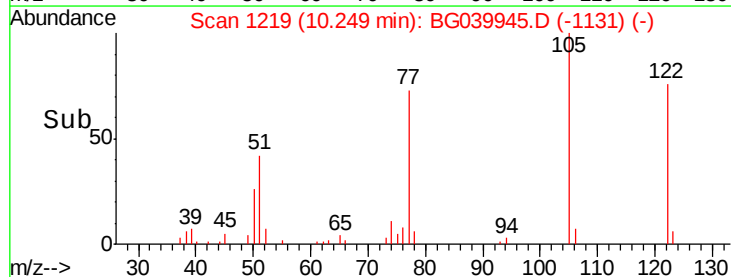
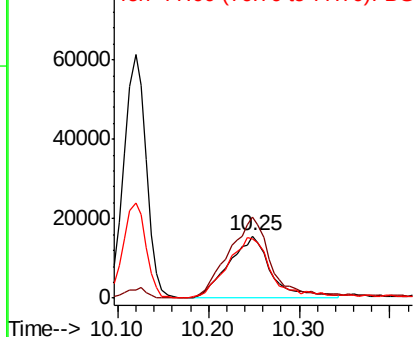


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





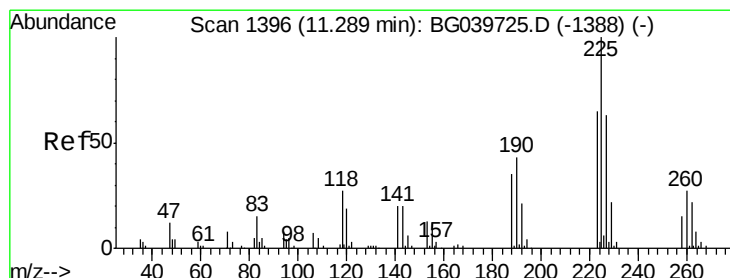
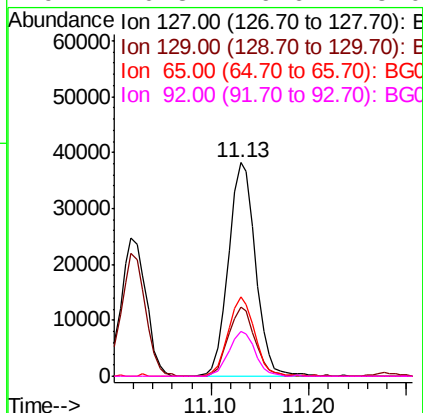
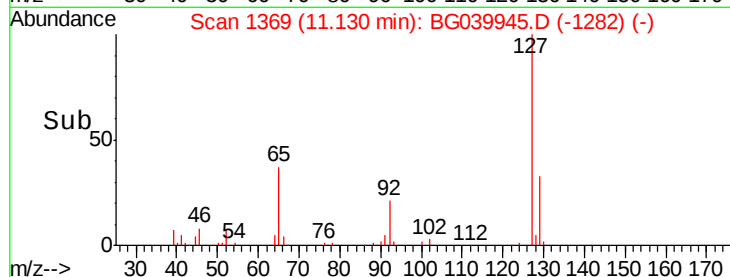
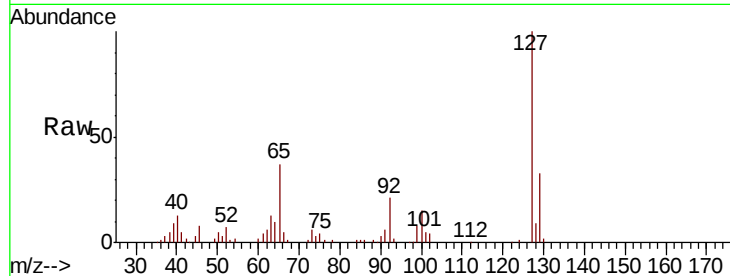
#33
4-Chloroaniline
Concen: 20.621 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampled :
PB117958BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	37.0	28.8	43.2
92	20.8	16.6	25.0

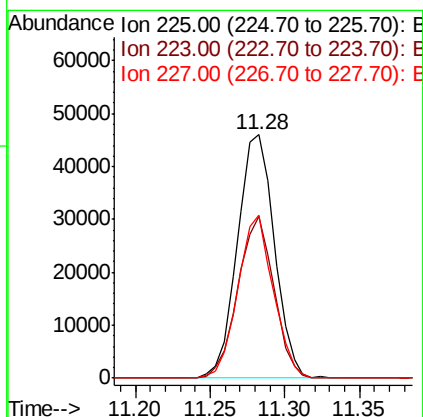
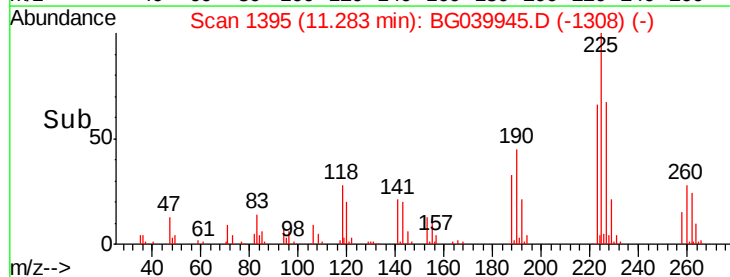
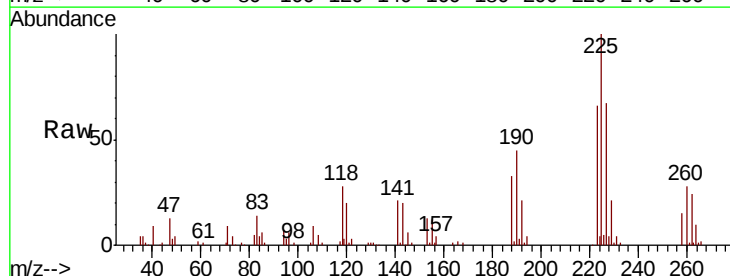
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 39.502 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.0	73.6
227	66.9	46.3	69.5





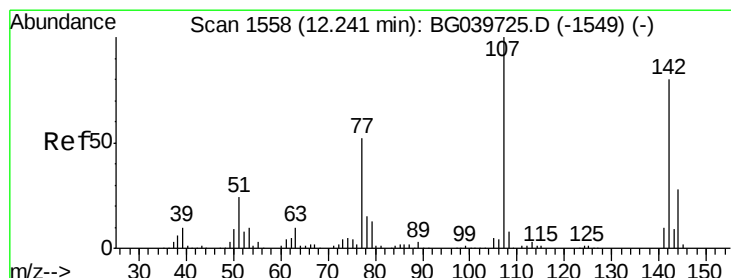
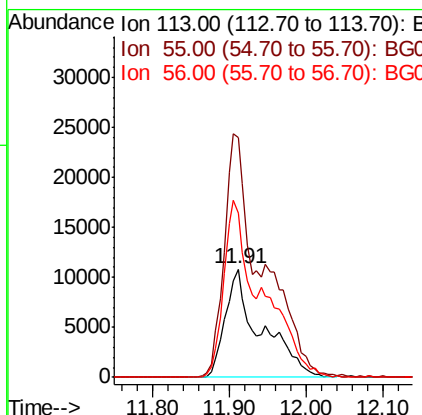
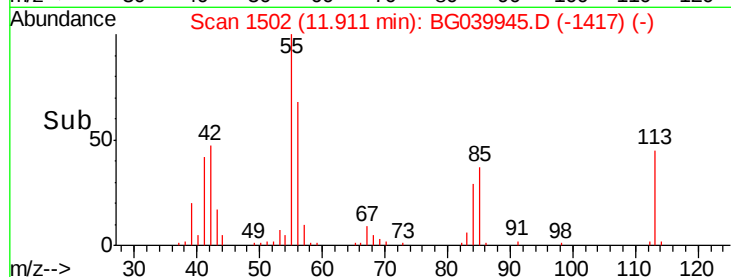
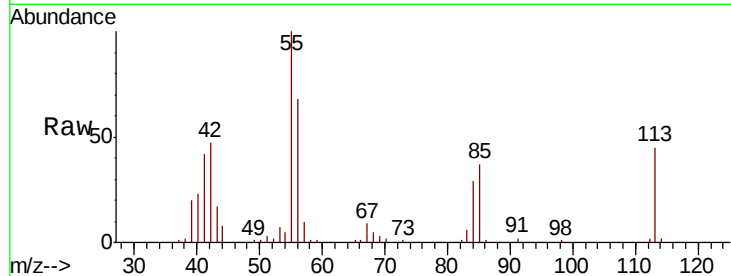
#35
Caprolactam
Concen: 34.980 ng/ml
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleID :
PB117958BS

Tot Ion: 113 Resp: 34777
Ion Ratio Lower Upper
113 100
55 221.2 216.9 256.9
56 151.1 152.6 192.6#

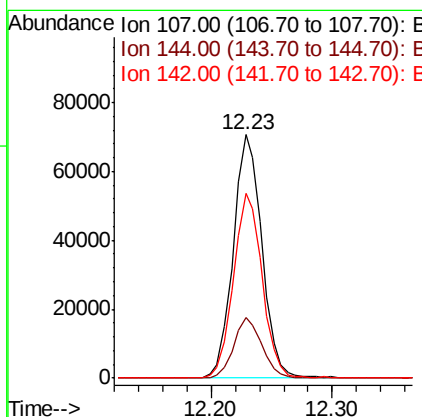
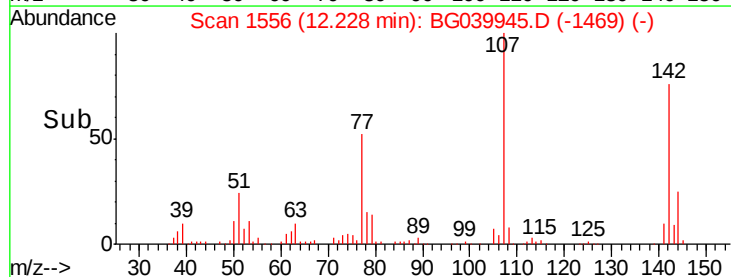
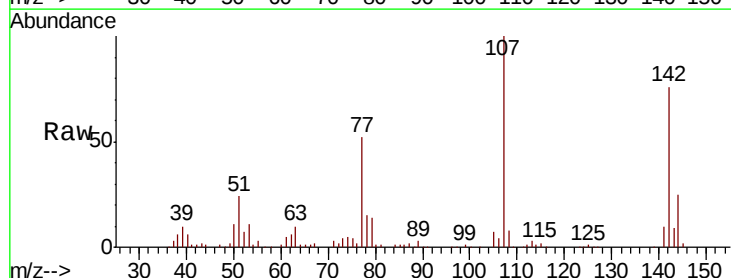
Manual Integrations
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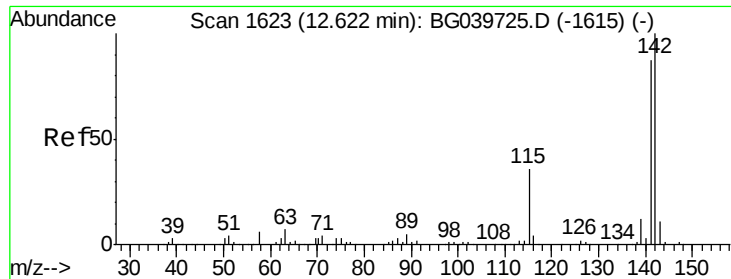
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#36
4-Chloro-3-methylphenol
Concen: 39.071 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion: 107 Resp: 116568
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 75.7 61.4 92.2





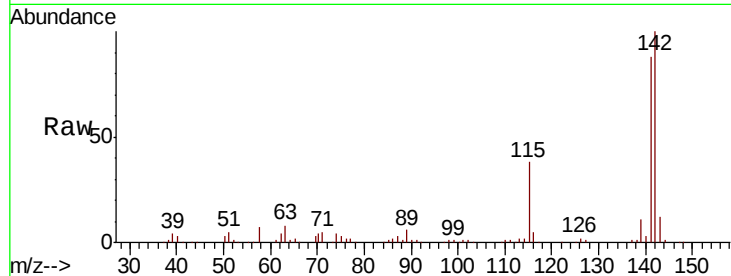
#37
2-Methylnaphthalene
Concen: 38.806 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.5	110.3
115	38.4	30.8	46.2

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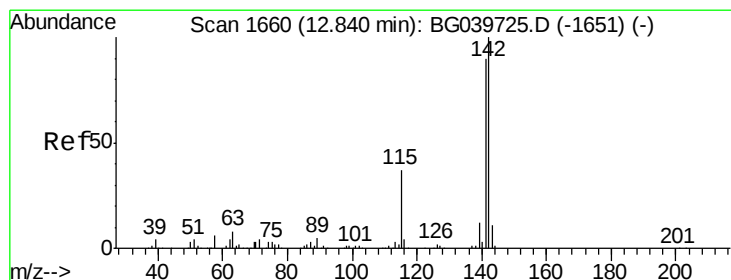
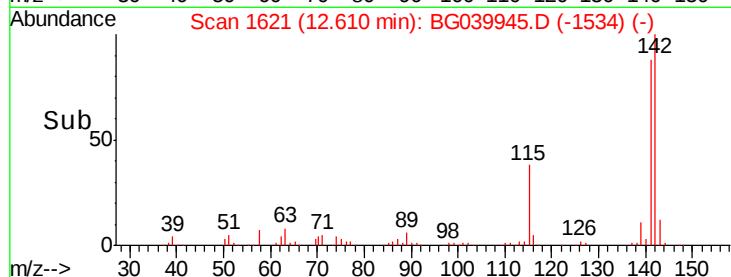
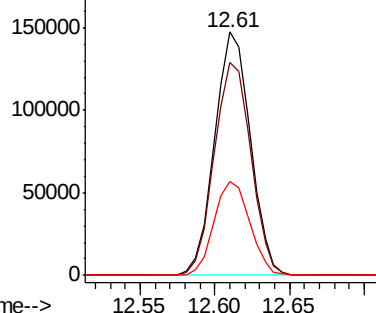


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.430 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

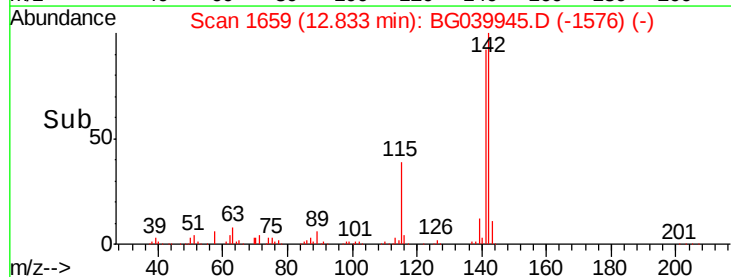
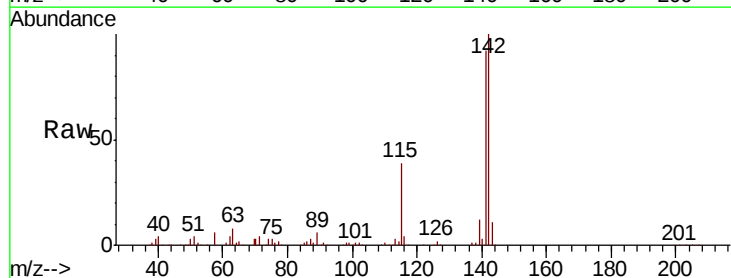
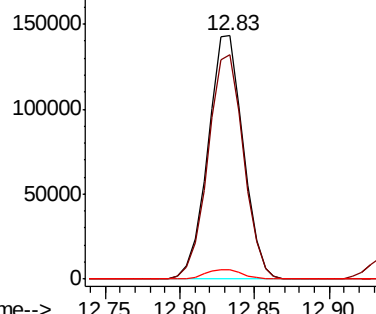
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.1	3.0	4.6

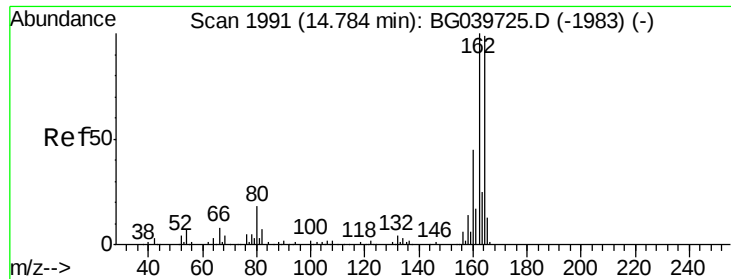
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





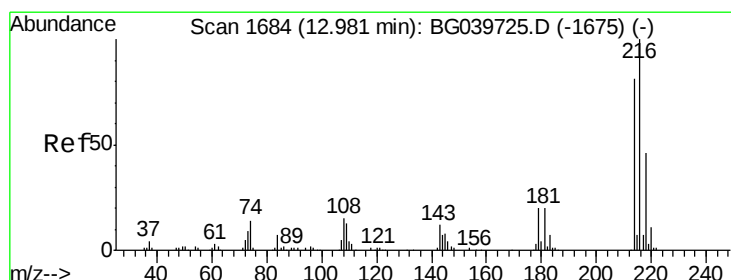
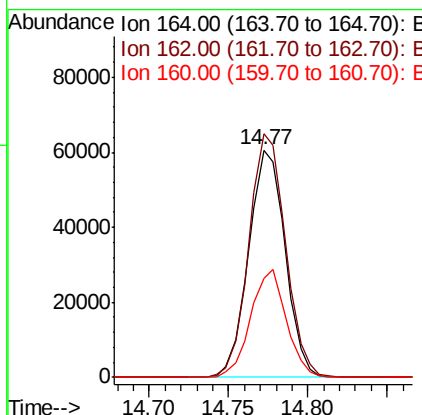
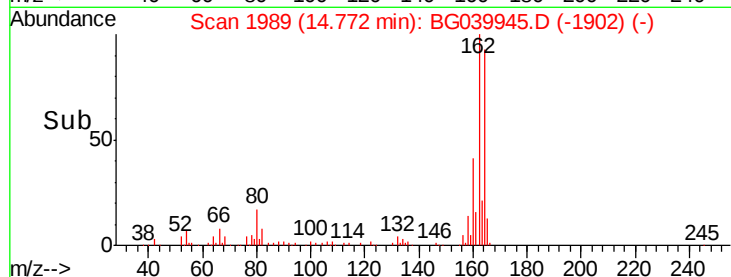
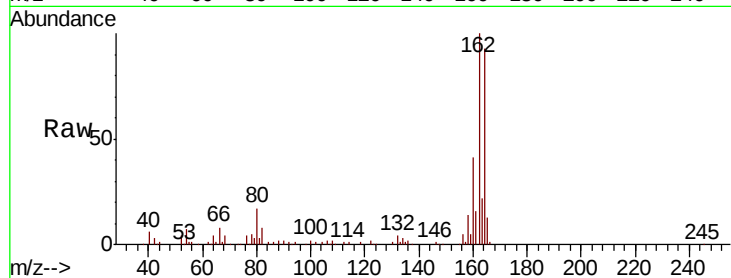
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	81.6	122.4
160	43.8	34.2	51.2

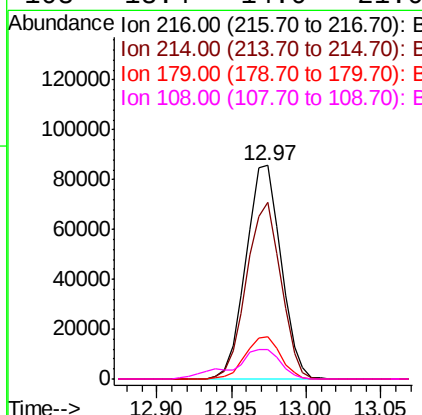
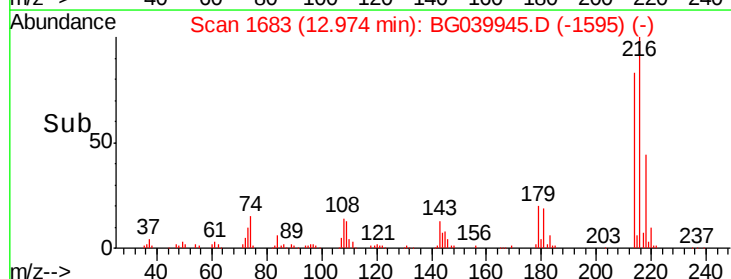
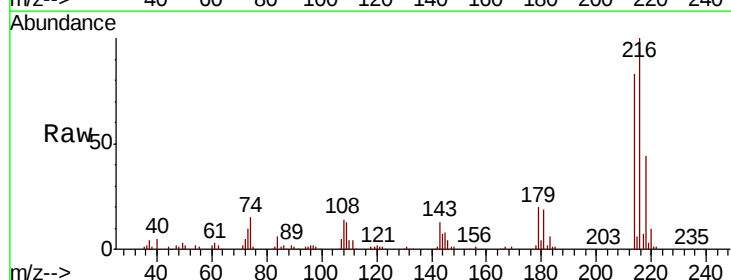
Manual Integrations
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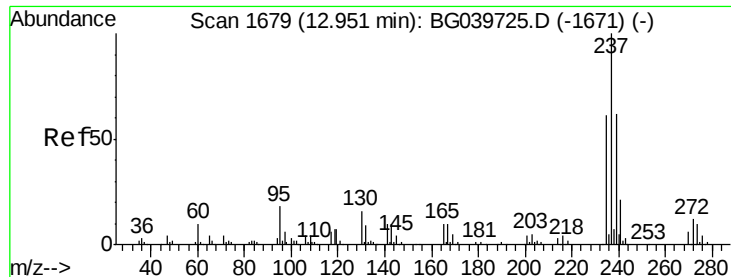
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.213 ng
RT: 12.97 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.1	62.6	94.0
179	19.8	16.6	25.0
108	18.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 106.900 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

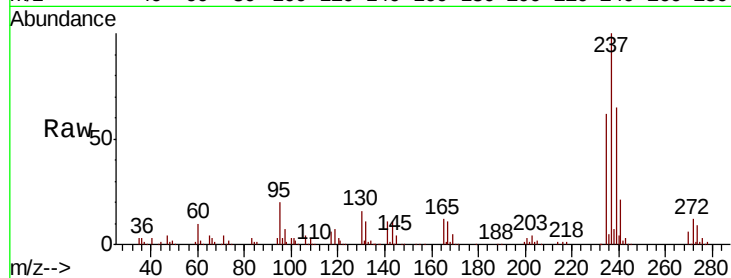
ClientSampleId :

PB117958BS

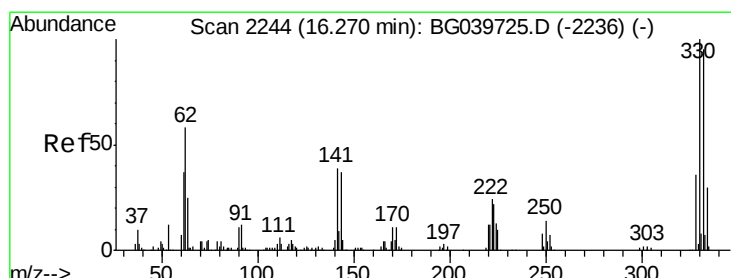
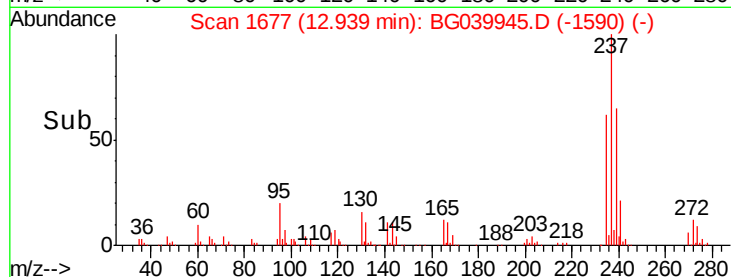
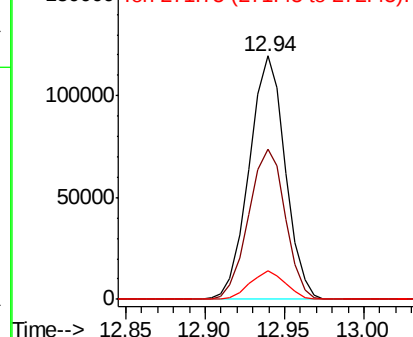
Tot Ion:	237	Resp:	188654
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	11.6	0.0	32.3

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: 134.902 ng

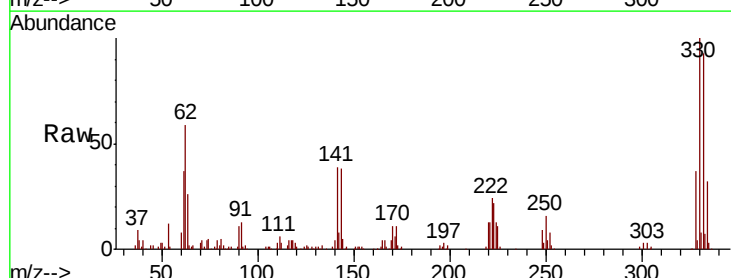
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

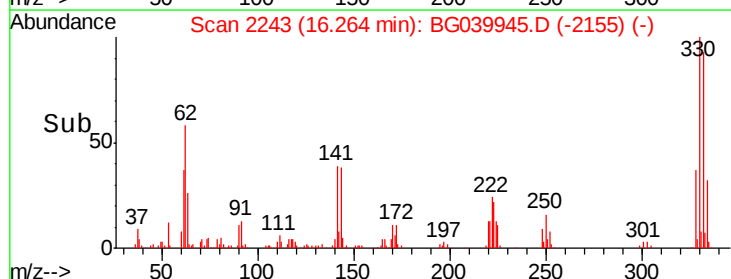
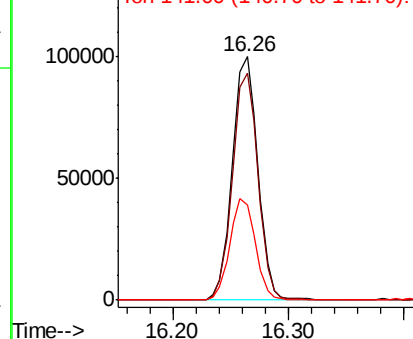
Lab File: BG039945.D

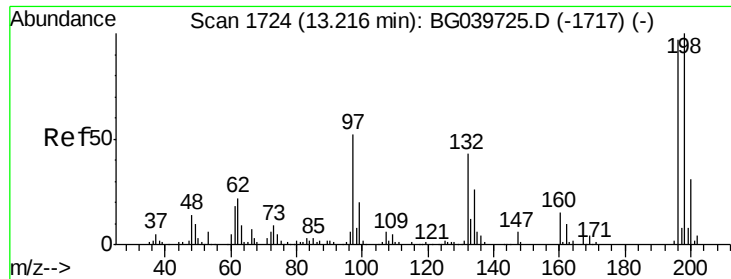
Acq: 15 Mar 2019 17:29

Tgt Ion:	330	Resp:	152843
Ion Ratio	Lower	Upper	
330	100		
332	93.6	75.7	113.5
141	41.9	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





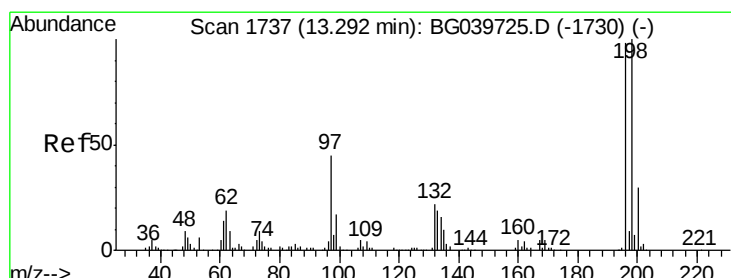
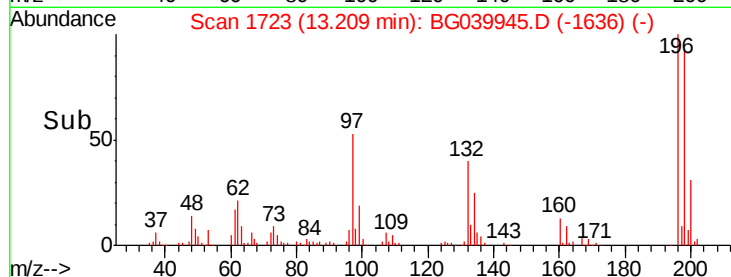
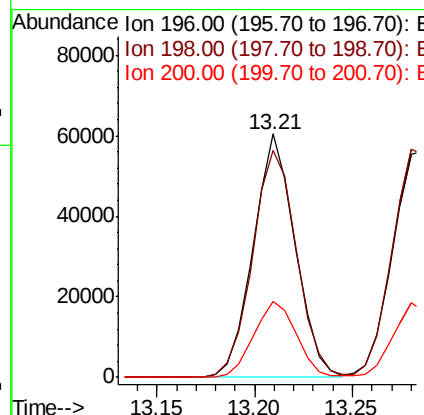
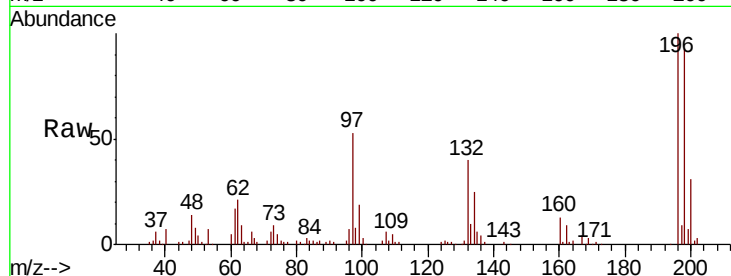
#43
 2,4,6-Trichlorophenol
 Concen: 46.550 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89746		
198	93.4	80.6	121.0	
200	31.4	26.1	39.1	

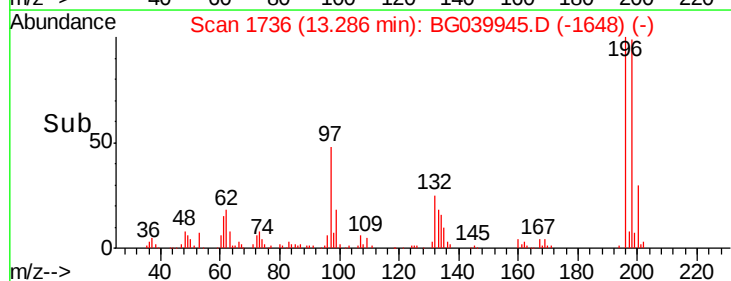
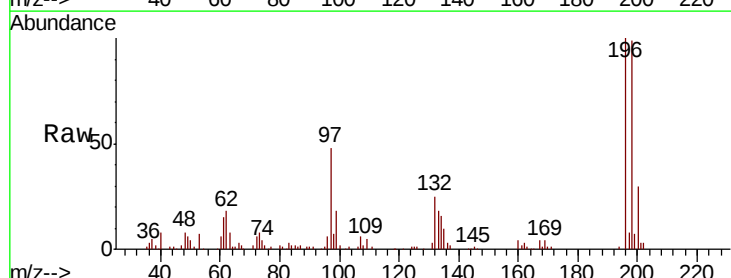
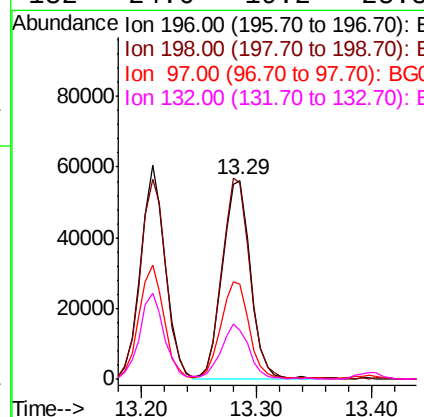
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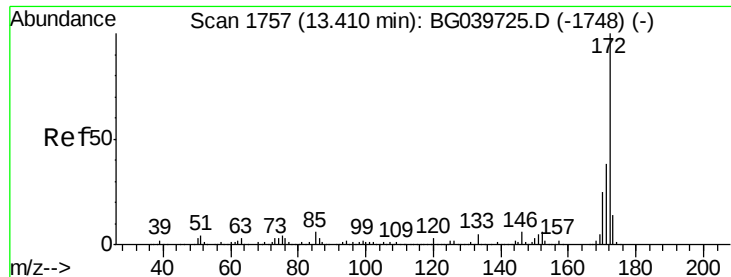
Sohil
 3/18/2019 3:02:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.926 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95457		
198	98.6	78.5	117.7	
97	47.6	38.4	57.6	
132	24.6	19.2	28.8	





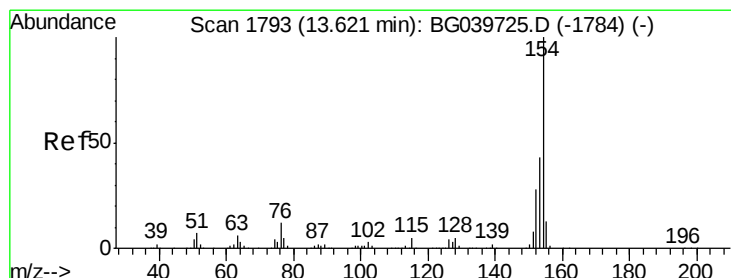
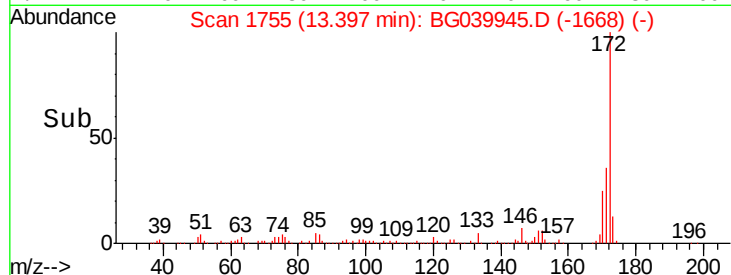
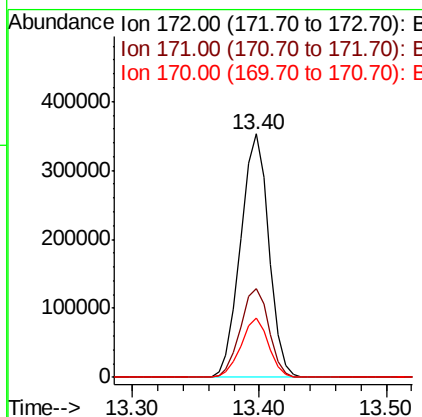
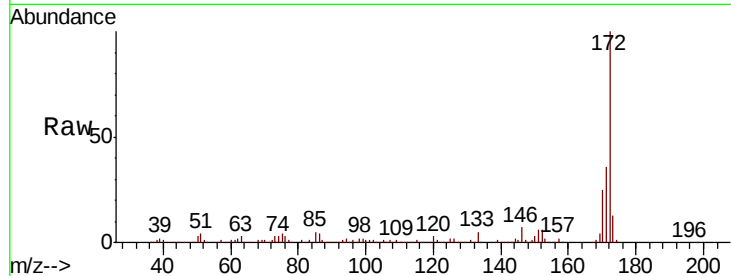
#45
2-Fluorobiphenyl
Concen: 79.651 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	24.6	20.2	30.4

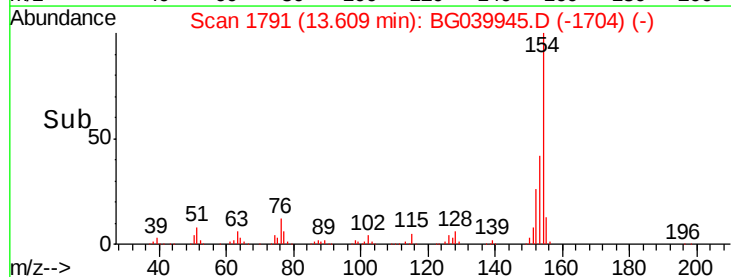
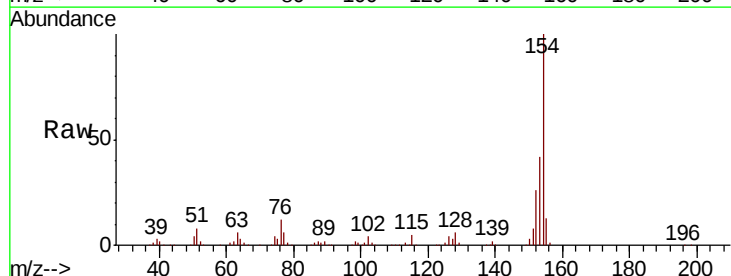
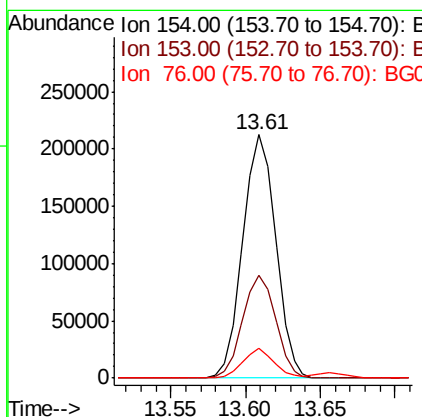
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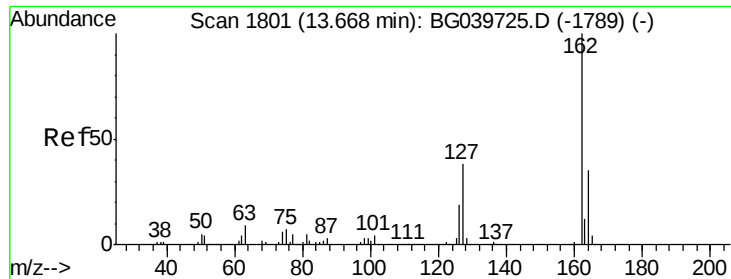
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#46
1,1'-Biphenyl
Concen: 40.763 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	12.2	0.0	32.4





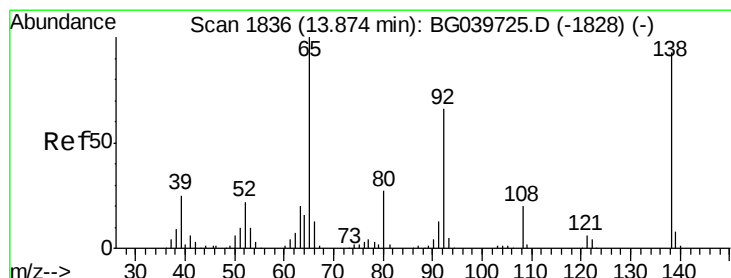
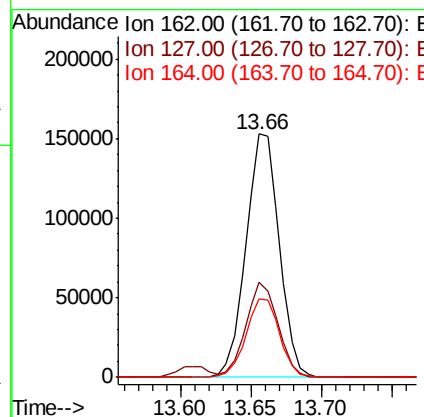
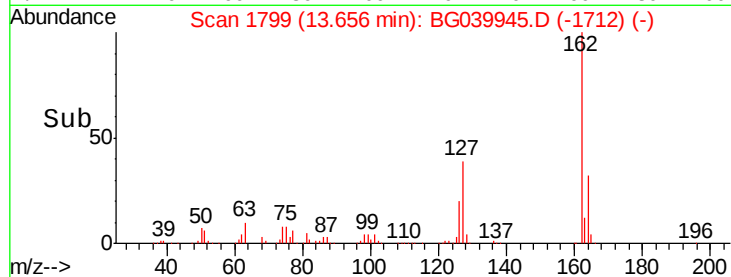
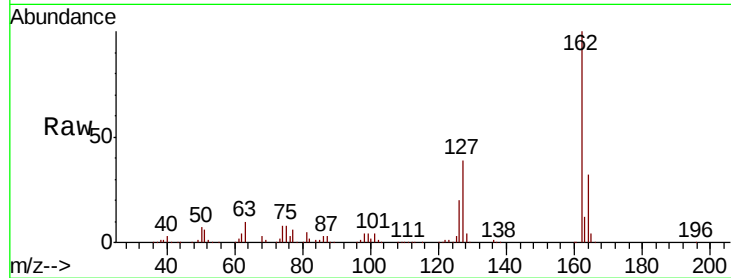
#47
2-Chloronaphthalene
Concen: 41.879 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	32.4	25.7	38.5

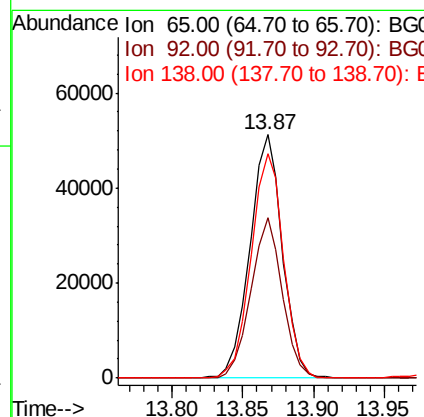
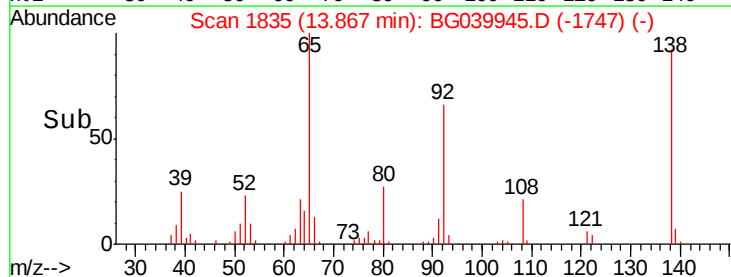
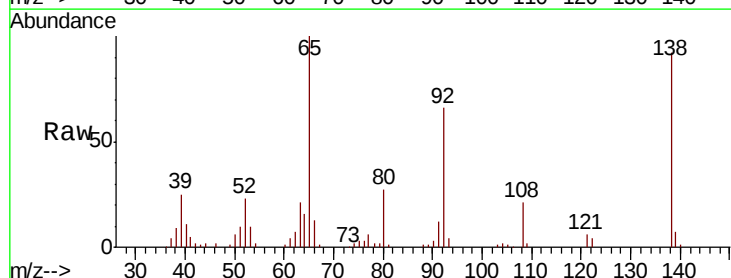
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#48
2-Nitroaniline
Concen: 42.570 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.4	77.2
138	92.1	71.4	107.2





#49

Acenaphthylene

Concen: 40.031 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

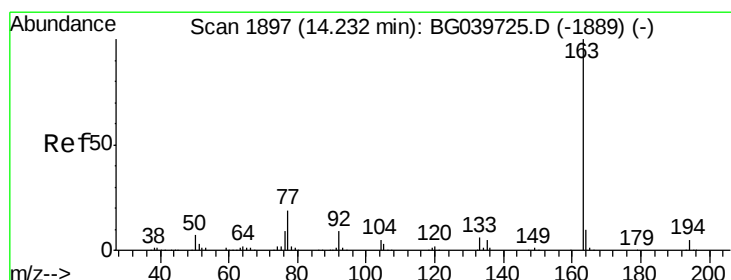
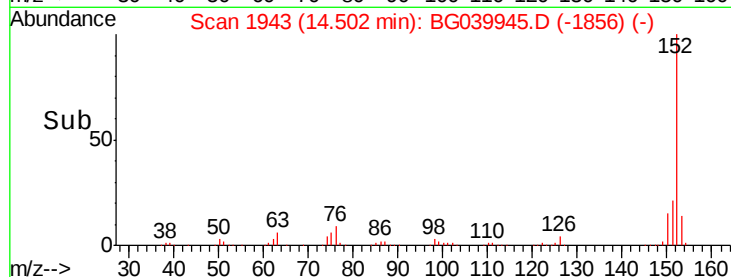
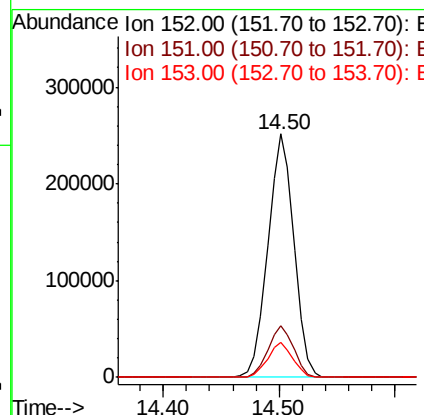
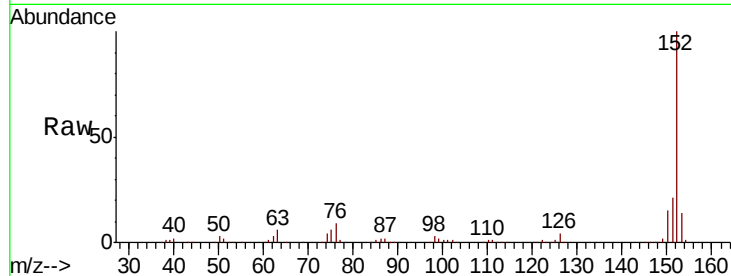
ClientSampleId :

PB117958BS

Tot Ion:	152	Resp:	395246
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	14.1	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.611 ng

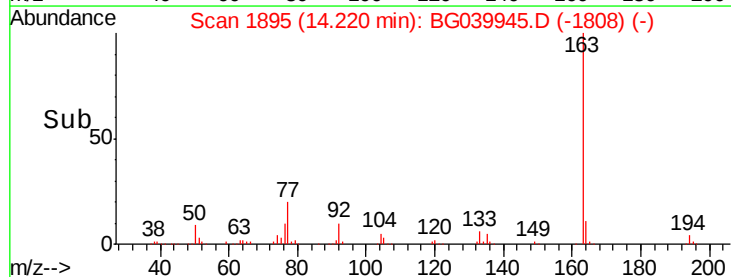
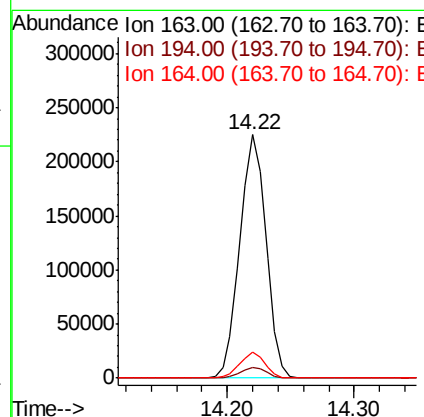
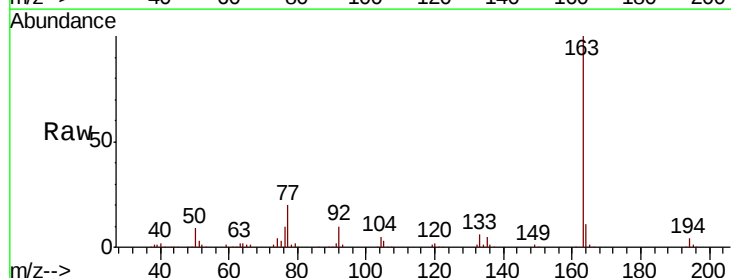
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	163	Resp:	321968
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.6	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 40.002 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

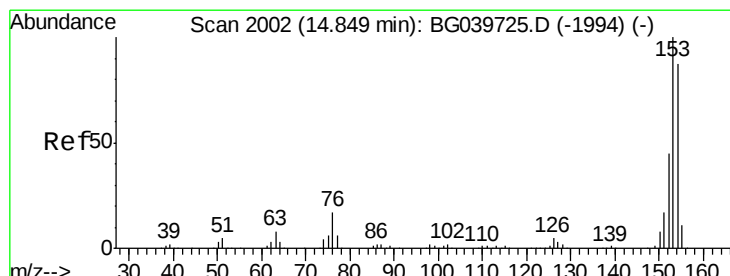
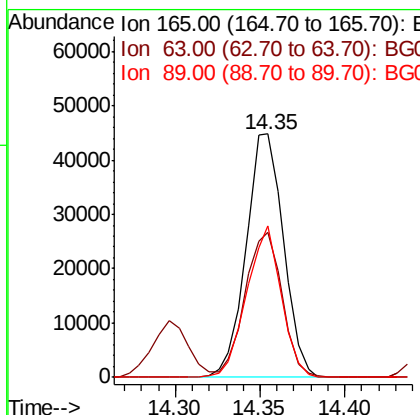
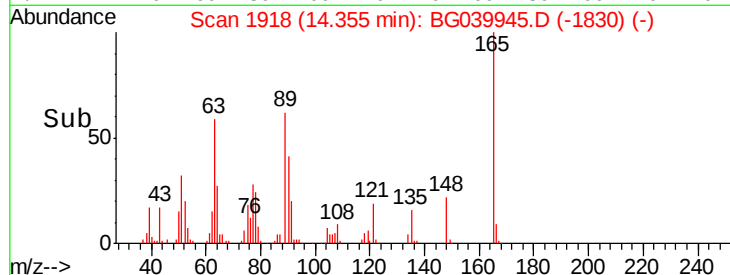
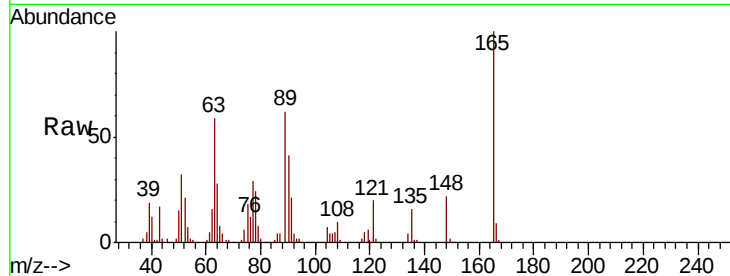
ClientSampleId :

PB117958BS

Tot Ion:	165	Resp:	68929
Ion Ratio	Lower	Upper	
165	100		
63	59.5	47.0	70.6
89	62.2	45.8	68.8

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#52

Acenaphthene

Concen: 39.866 ng

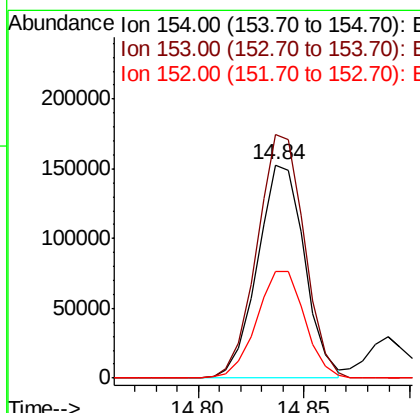
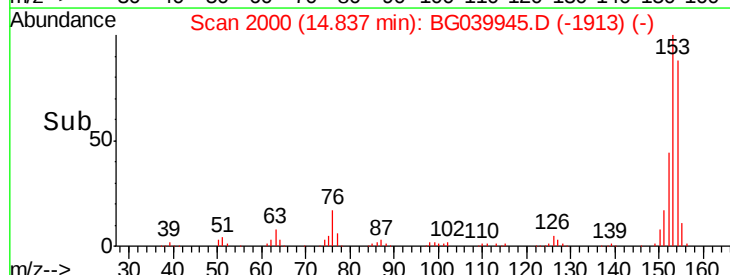
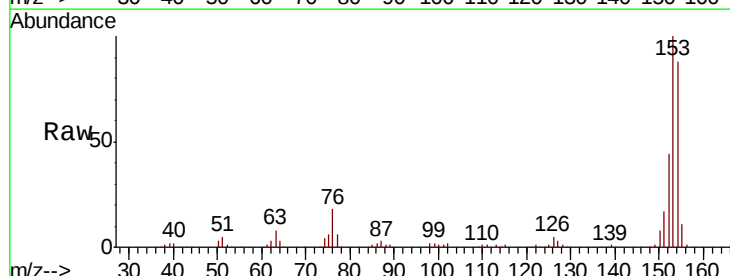
RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	154	Resp:	236909
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	50.0	40.9	61.3





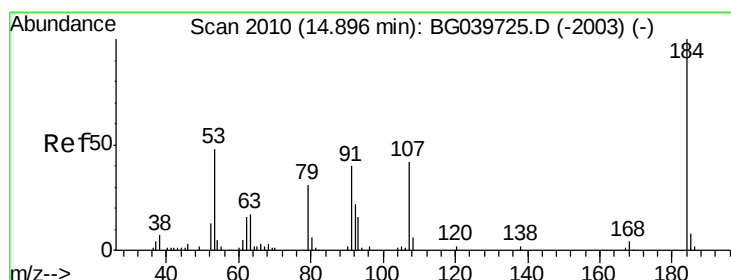
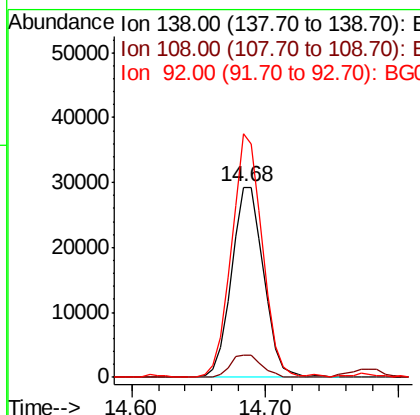
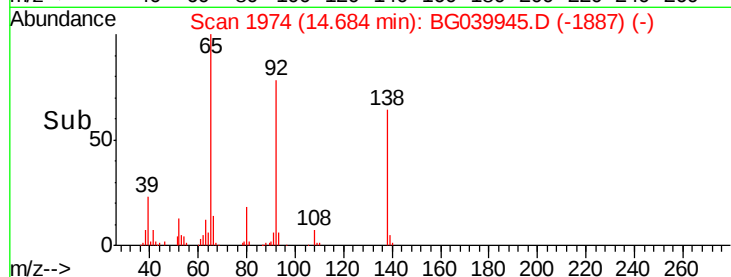
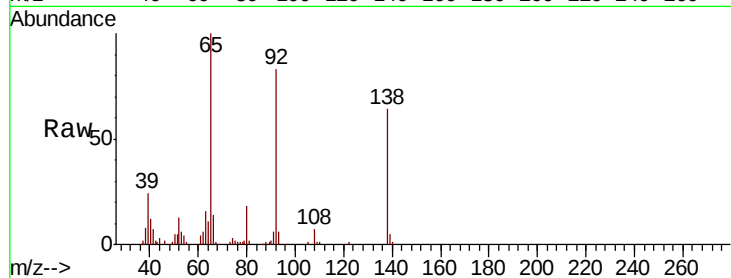
#53
3-Nitroaniline
Concen: 28.128 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion:138 Resp: 48722
Ion Ratio Lower Upper
138 100
108 11.5 13.8 20.8#
92 128.1 103.7 155.5

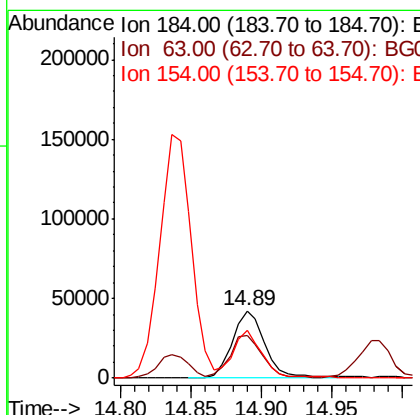
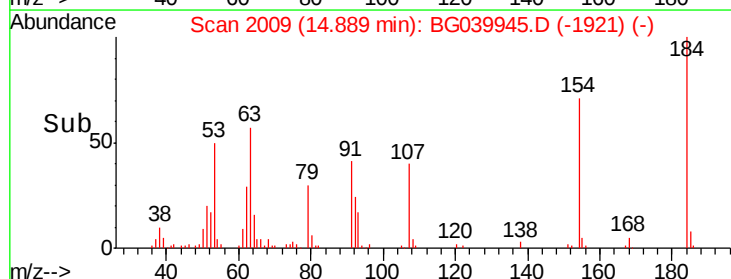
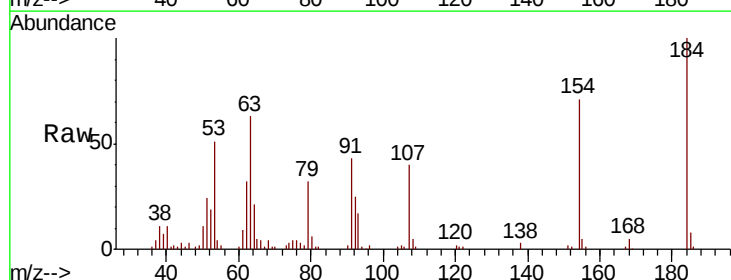
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#54
2,4-Dinitrophenol
Concen: 63.986 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:184 Resp: 68308
Ion Ratio Lower Upper
184 100
63 63.2 50.9 76.3
154 71.3 53.0 79.6





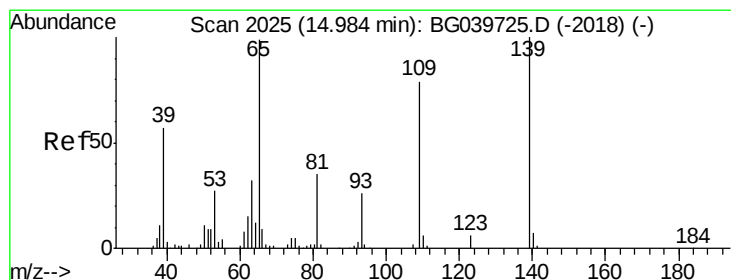
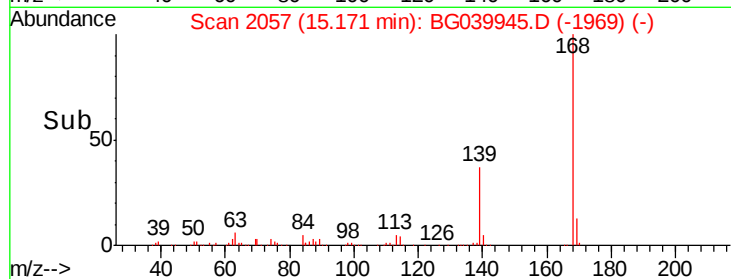
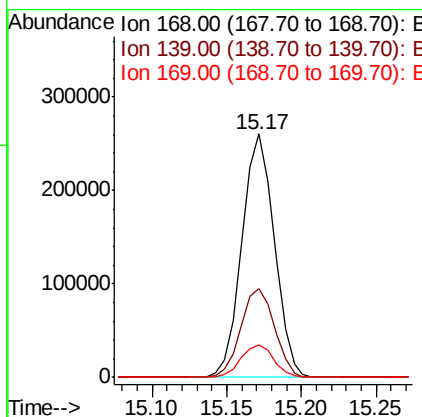
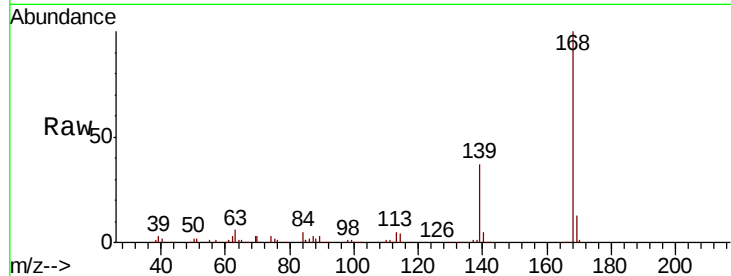
#55
Dibenzofuran
Concen: 40.113 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	391100		
139	36.6	30.1	45.1	
169	13.2	10.6	16.0	

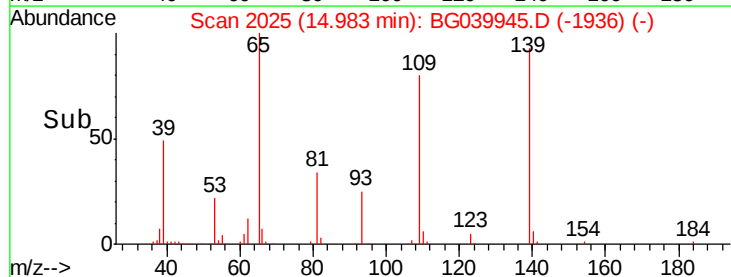
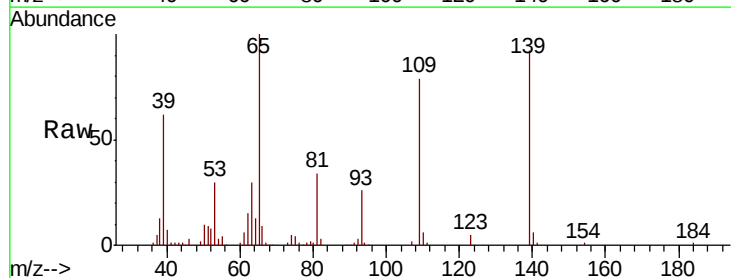
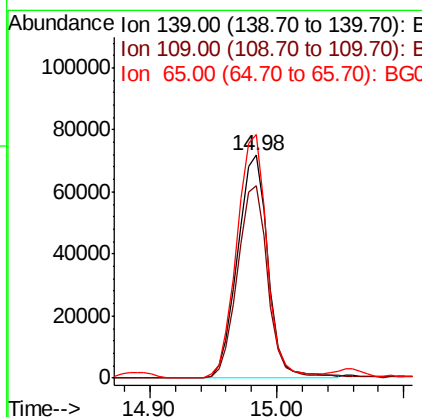
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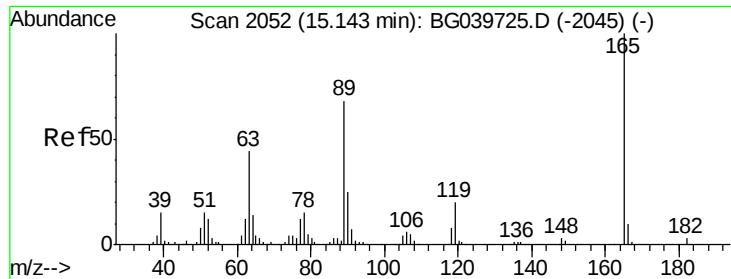
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#56
4-Nitrophenol
Concen: 77.441 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119995		
109	86.1	61.9	101.9	
65	109.1	99.1	139.1	





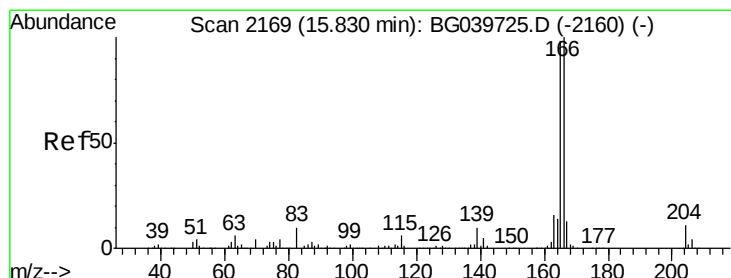
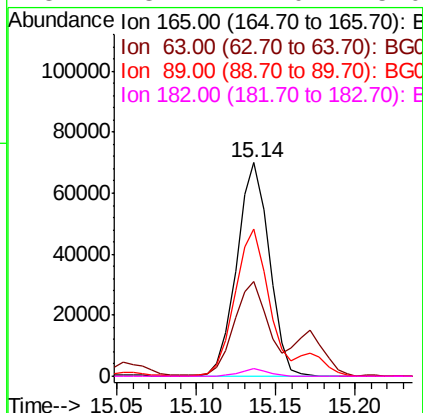
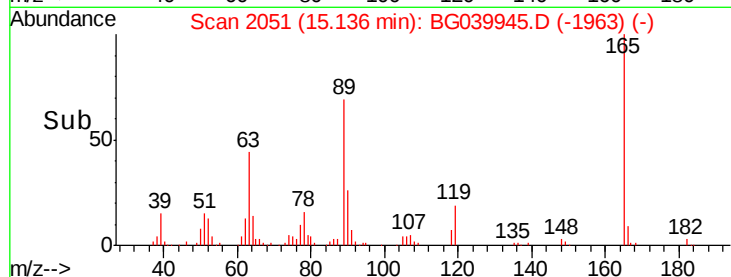
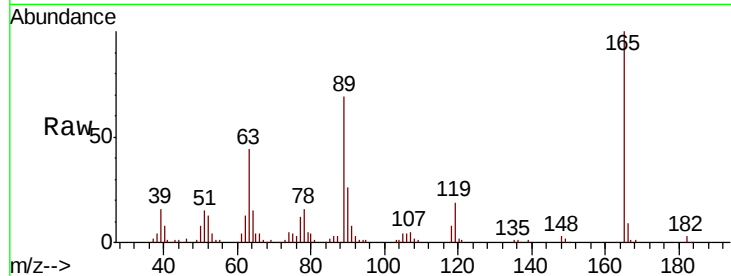
#57
2,4-Dinitrotoluene
Concen: 41.050 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampled :
PB117958BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.1	41.0	61.6
89	68.7	64.6	96.8
182	3.4	2.0	3.0#

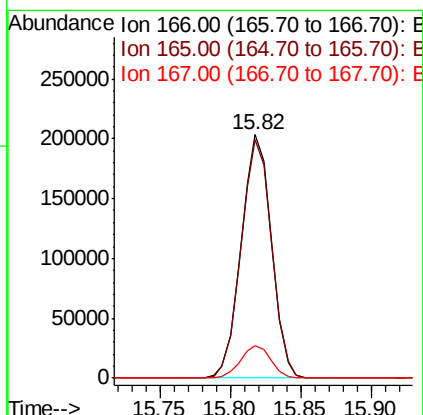
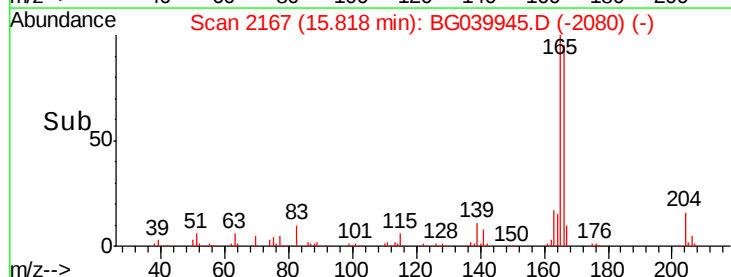
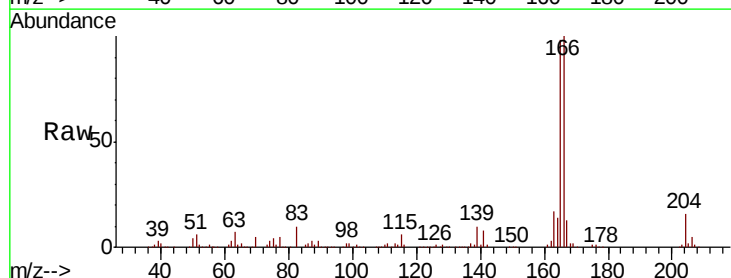
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#58
Fluorene
Concen: 39.817 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.3	10.8	16.2





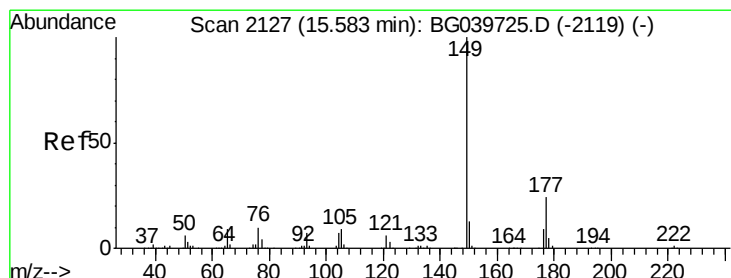
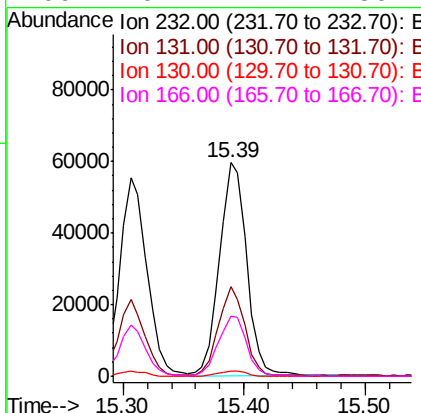
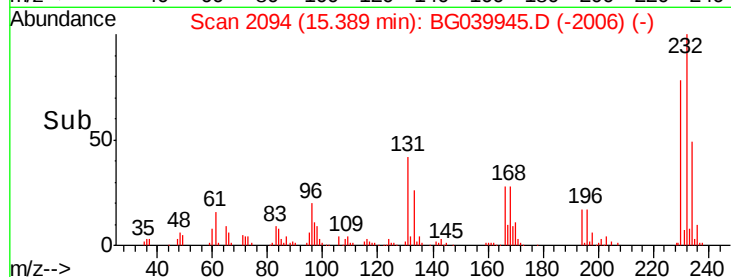
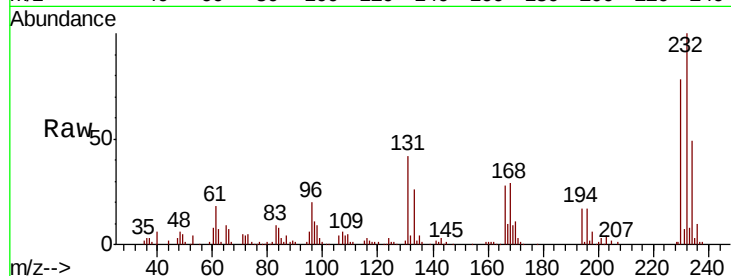
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.579 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.3	2.0	3.0
166	29.2	24.1	36.1

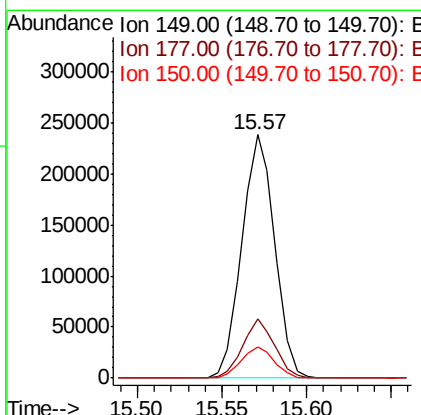
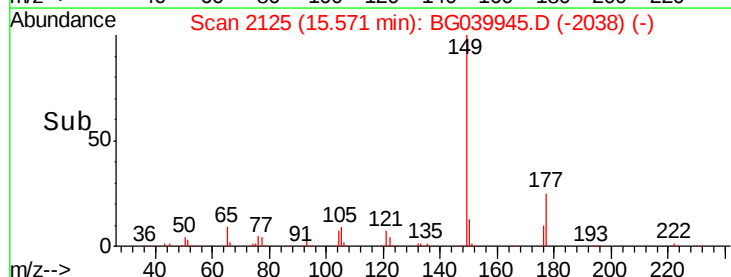
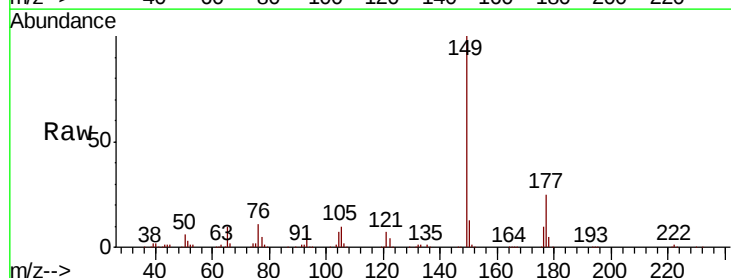
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#60
Diethylphthalate
Concen: 39.940 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.6	10.2	15.2





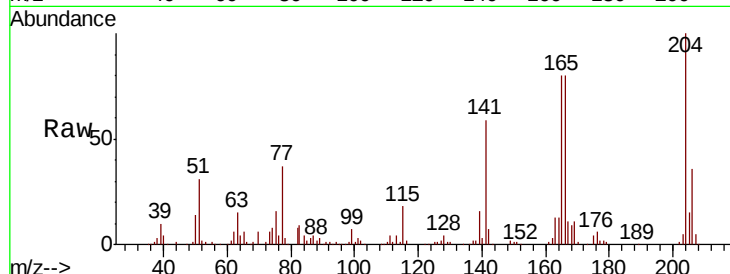
#61
4-Chlorophenyl-phenylether
Concen: 39.645 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	29.2	43.8
141	58.8	49.0	73.4

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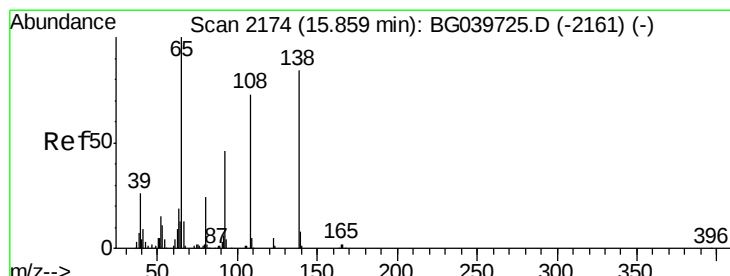
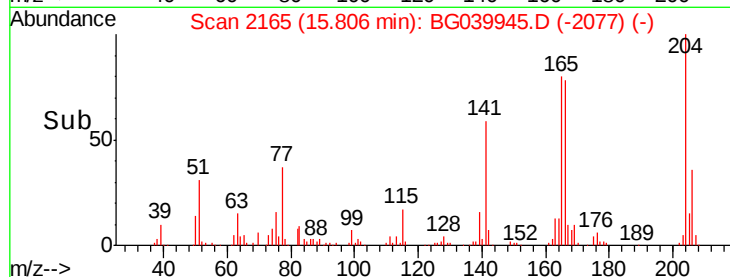
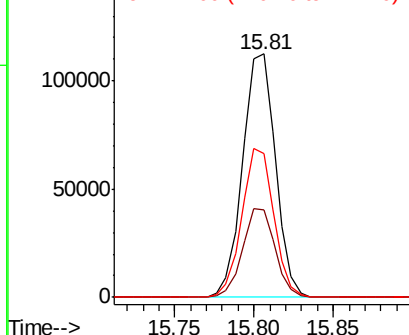


Abundance

Ion 204.00 (203.70 to 204.70): E

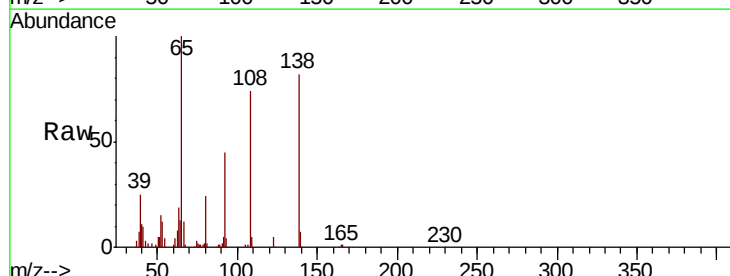
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.687 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	38.7	78.7
108	90.8	74.6	114.6

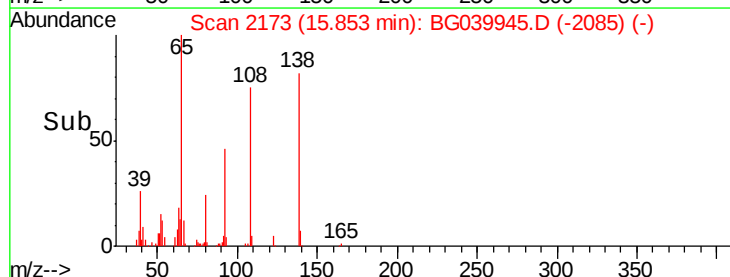
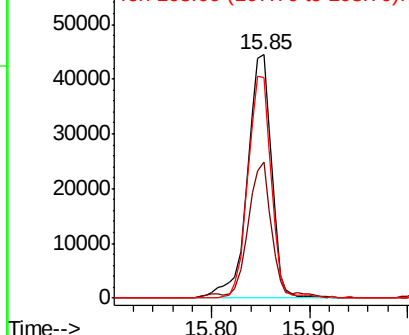


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





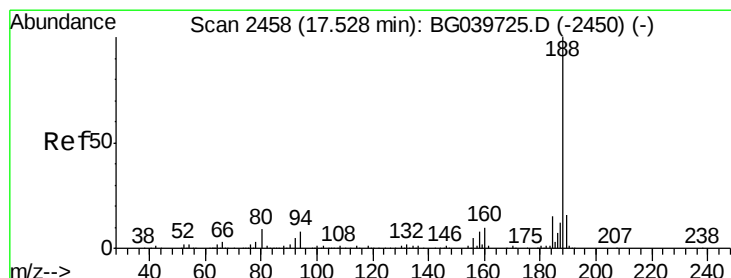
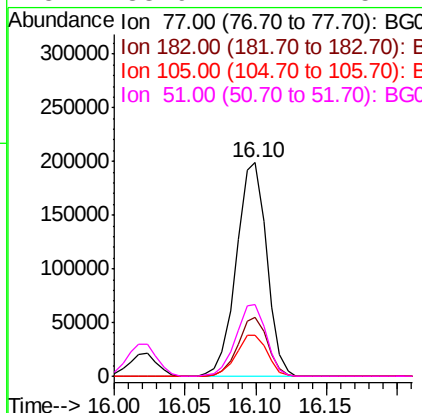
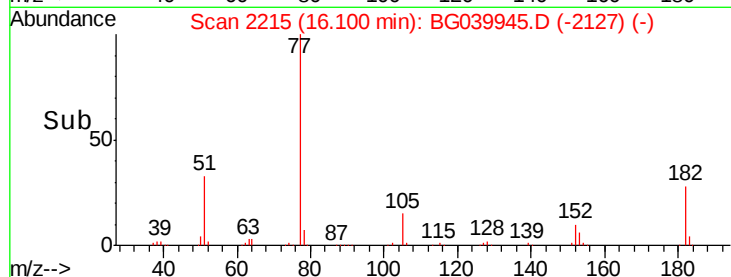
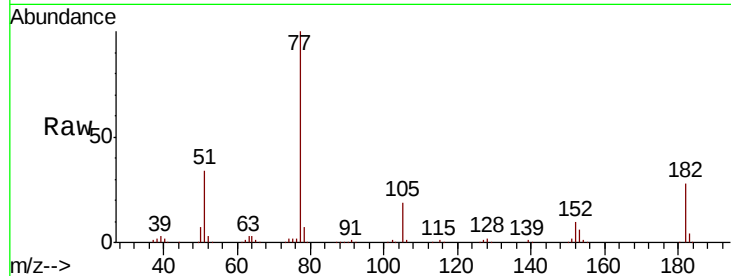
#63
Azobenzene
Concen: 40.898 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.8	6.4	46.4		
105	19.2	0.0	39.8		
51	33.9	14.1	54.1		

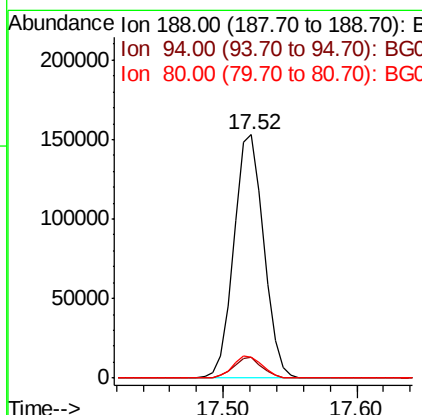
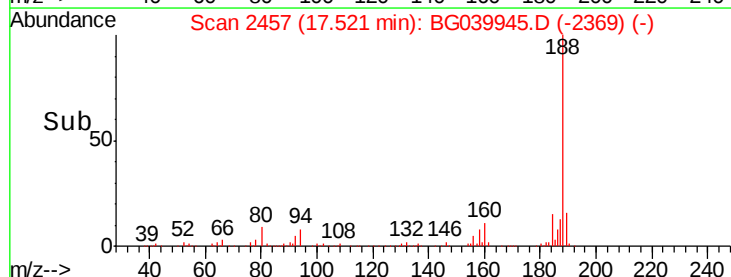
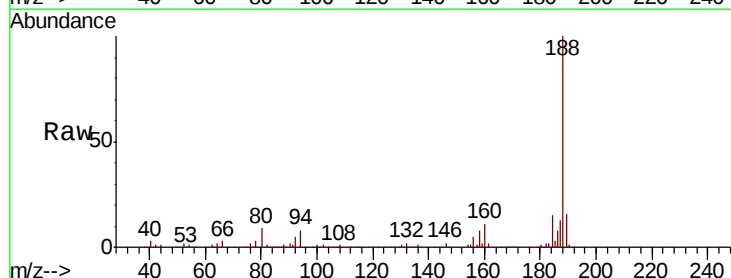
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4	6.9	10.3		
80	8.7	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.761 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

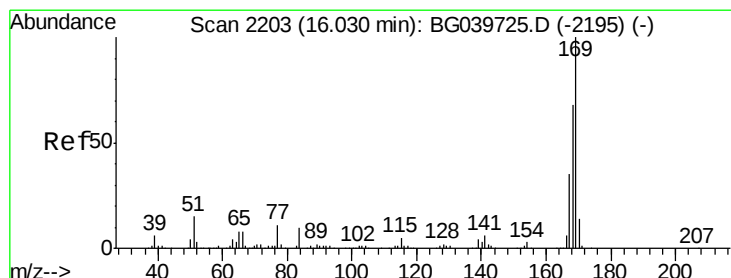
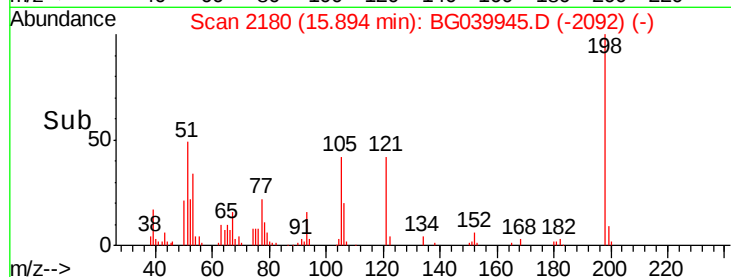
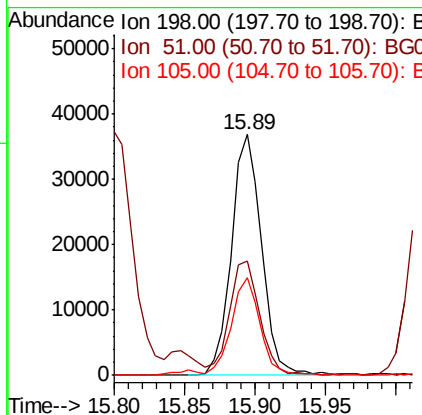
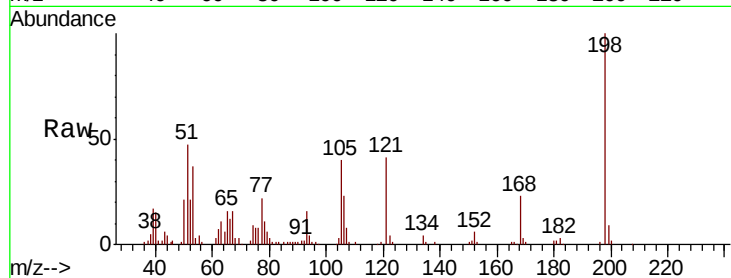
ClientSampled :

PB117958BS

Tot Ion:	198	Resp:	54516
Ion Ratio	Lower	Upper	
198	100		
51	47.3	27.4	67.4
105	40.4	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 40.023 ng

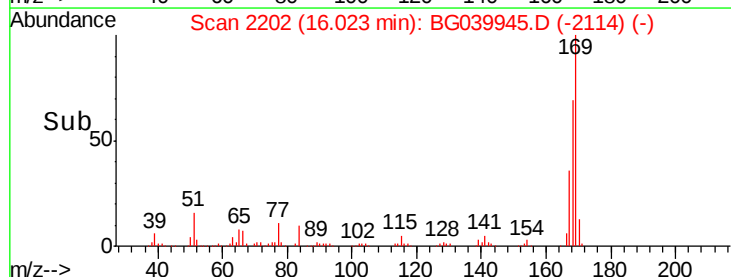
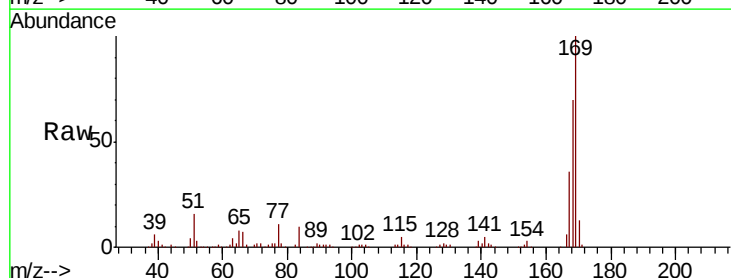
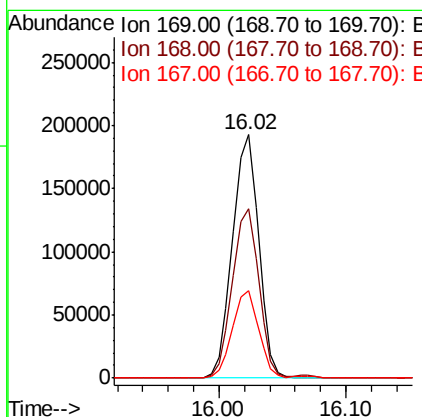
RT: 16.02 min Scan# 2202

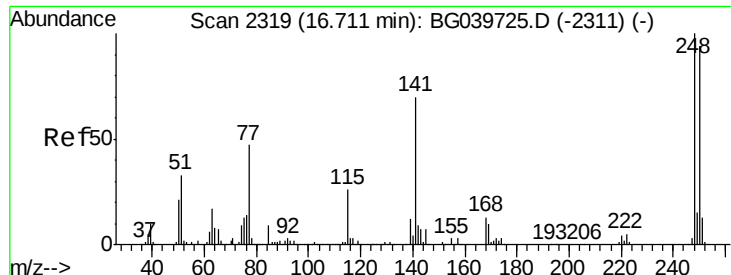
Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	169	Resp:	275618
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.6	85.0
167	35.9	28.8	43.2





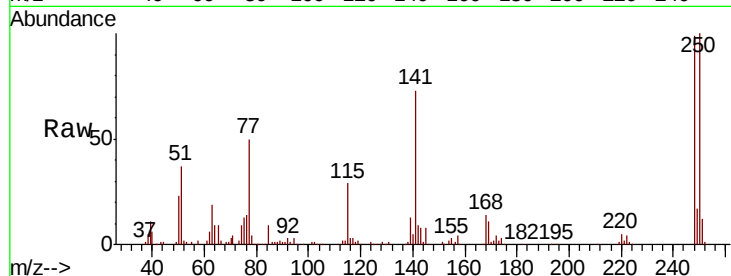
#67
 4-Bromophenyl-phenylether
 Concen: 39.625 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampled :
 PB117958BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.6	116.4
141	73.3	63.9	95.9

Manual Integrations
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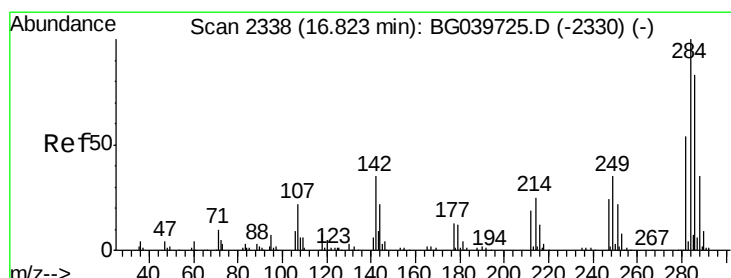
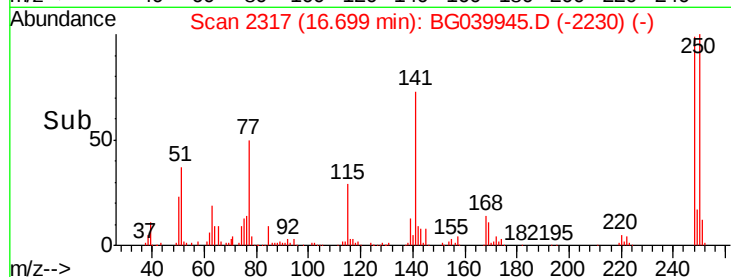
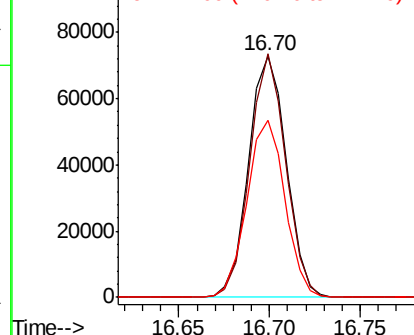


Abundance

Ion 248.00 (247.70 to 248.70): E

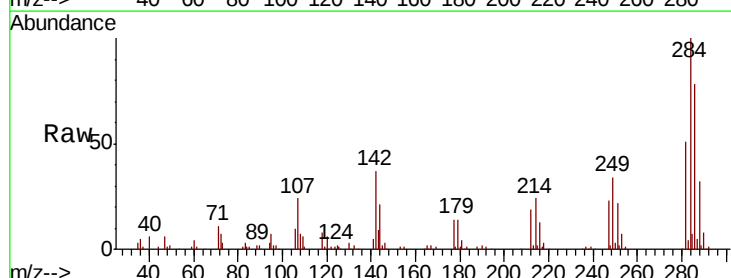
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.267 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	30.6	45.8
249	34.5	28.2	42.2

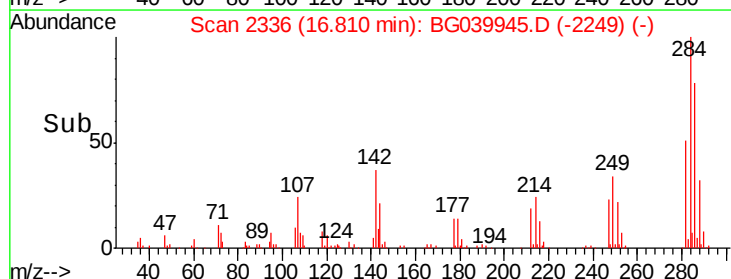
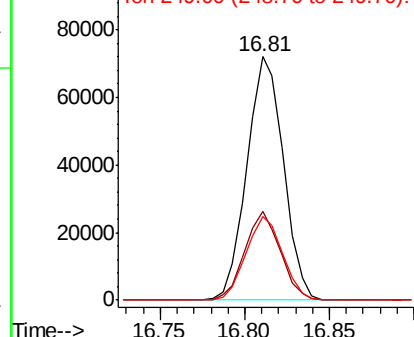


Abundance

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





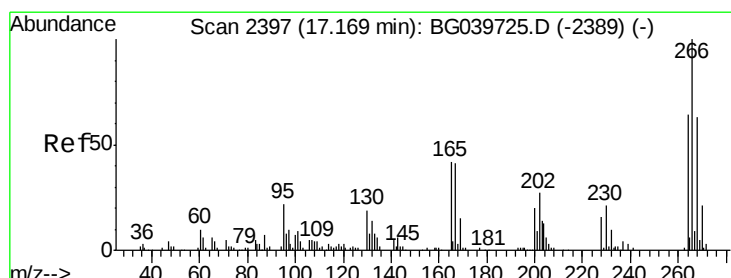
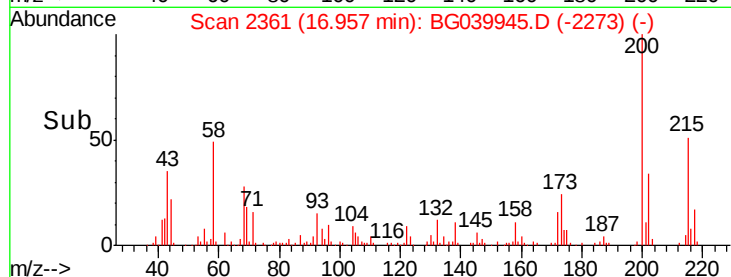
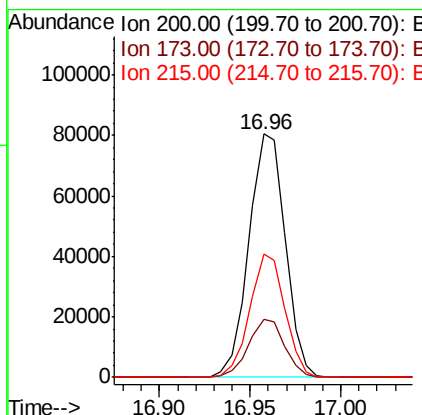
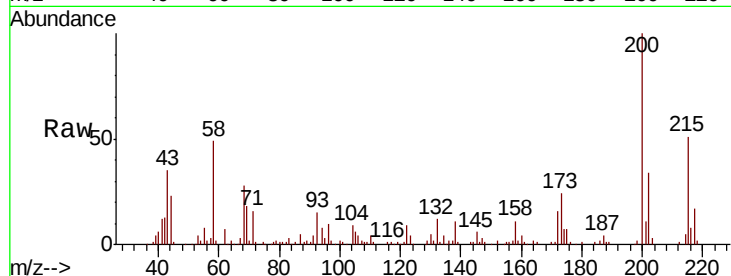
#69
 Atrazine
 Concen: 41.384 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.9	43.9
215	50.7	30.9	70.9

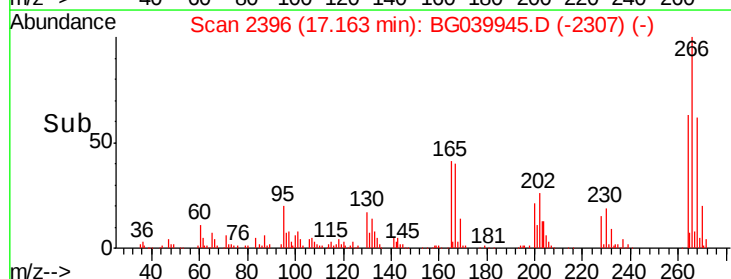
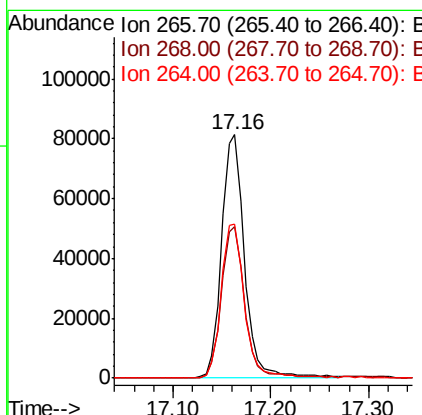
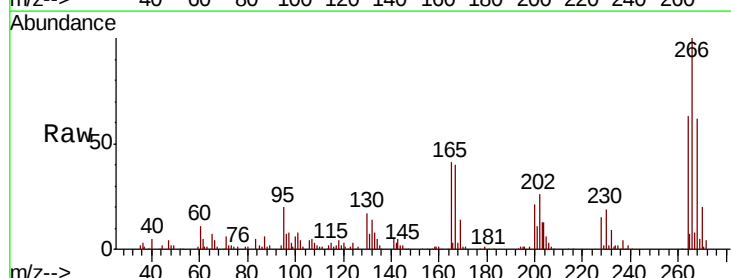
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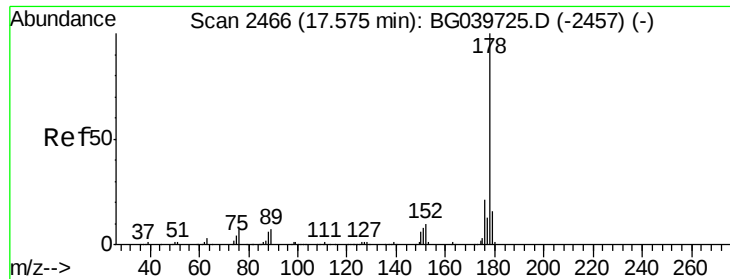
Sohil
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#70
 Pentachlorophenol
 Concen: 76.172 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	63.4	52.1	78.1





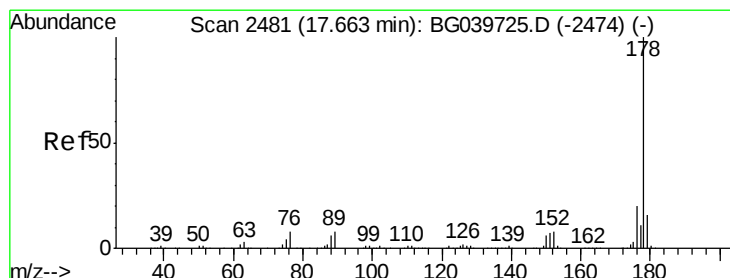
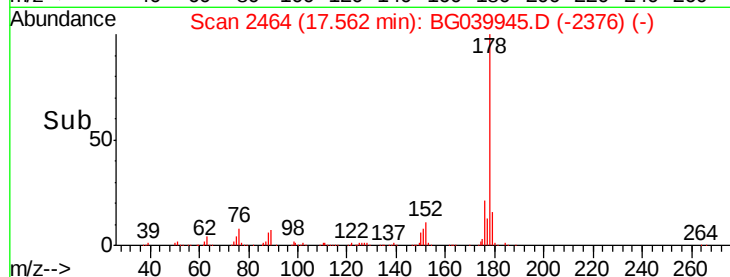
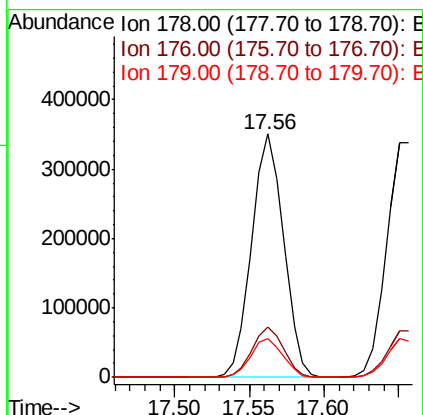
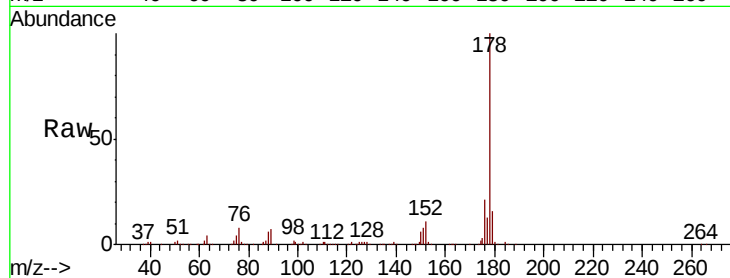
#71
Phenanthrene
Concen: 39.664 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.7	12.6	19.0

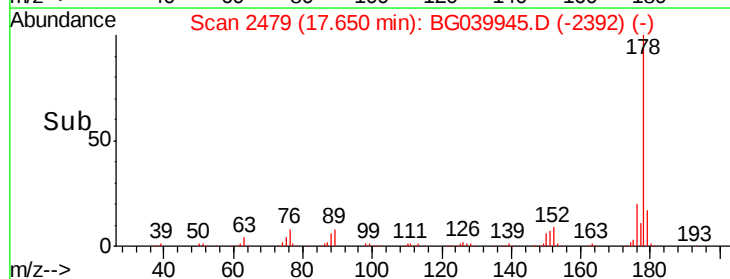
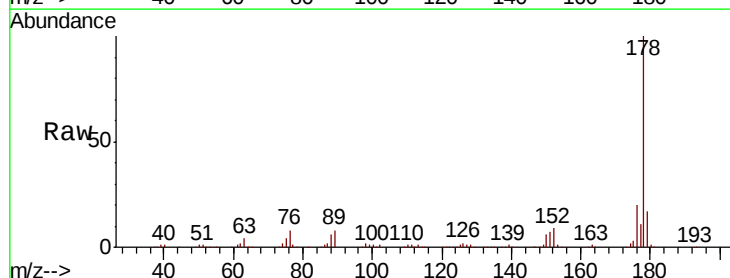
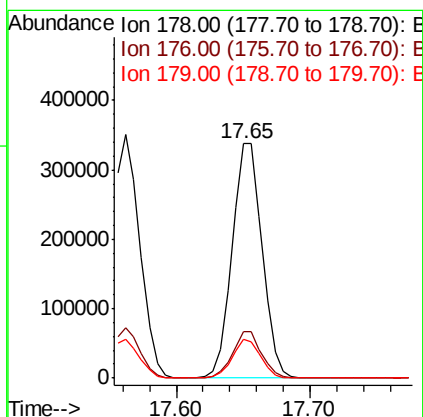
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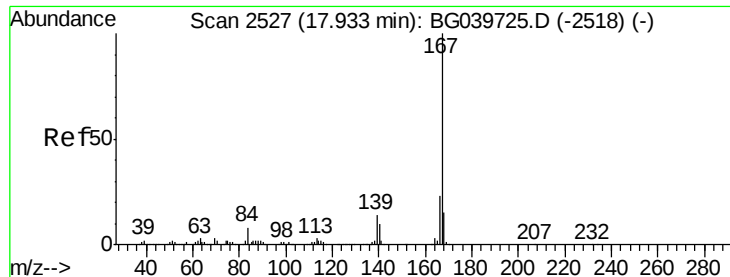
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#72
Anthracene
Concen: 41.326 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.6	12.5	18.7





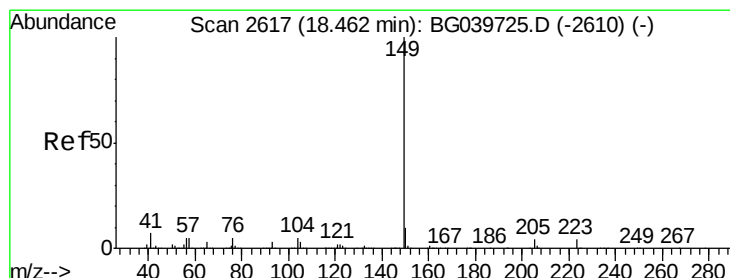
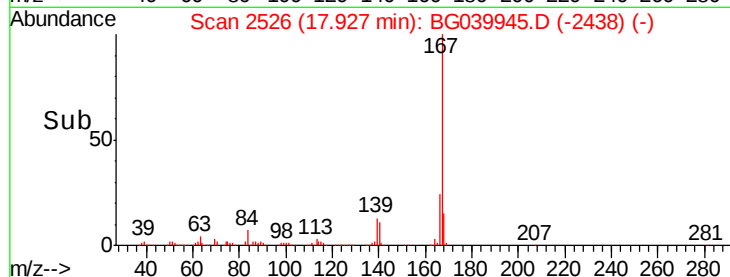
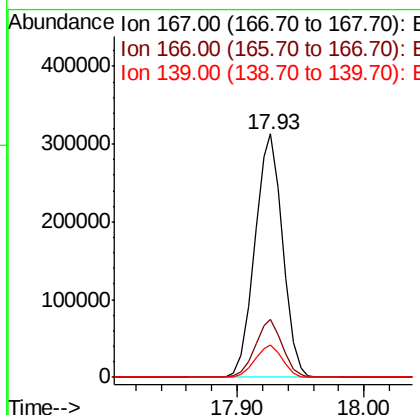
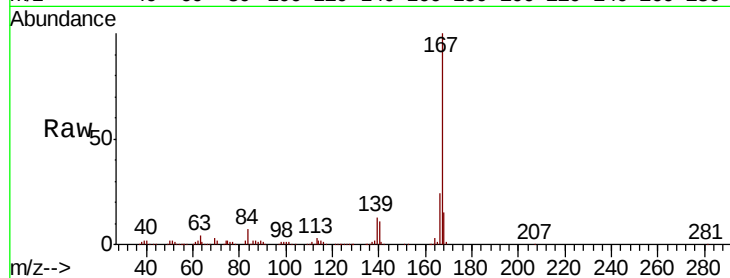
#73
 Carbazole
 Concen: 41.420 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.1	10.8	16.2

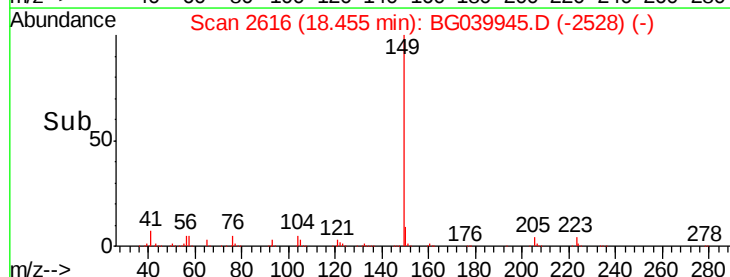
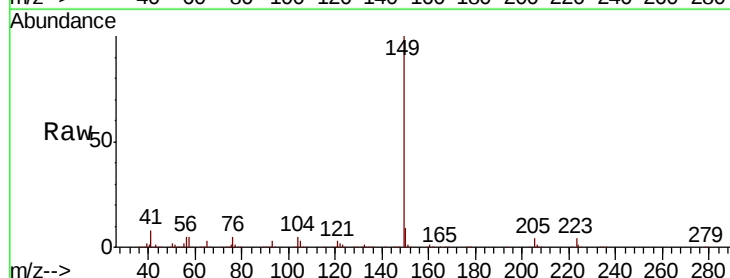
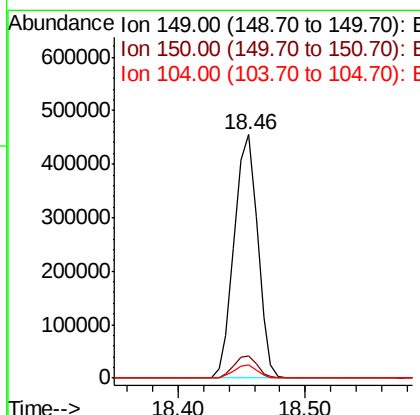
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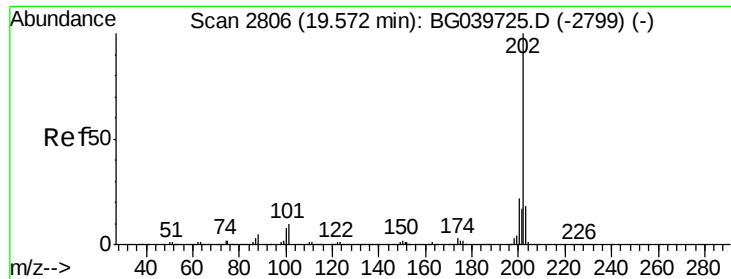
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#74
 Di-n-butylphthalate
 Concen: 43.026 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.841 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

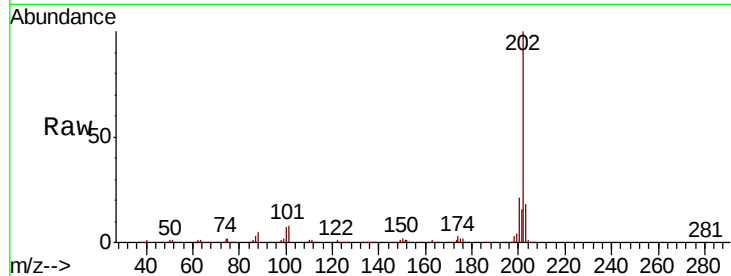
ClientSampleId :

PB117958BS

Tot Ion:	202	Resp:	663390
Ion Ratio		Lower	Upper
202	100		
101	8.2	0.0	30.0
203	18.0	0.0	38.9

Manual Integrations
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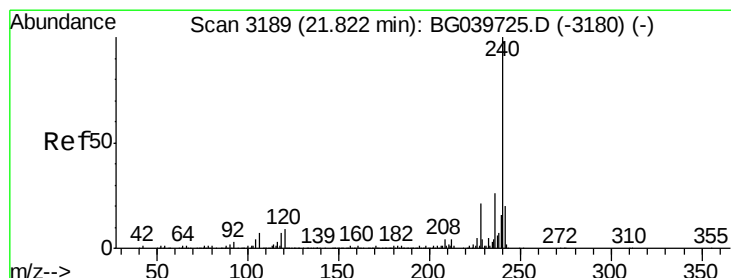
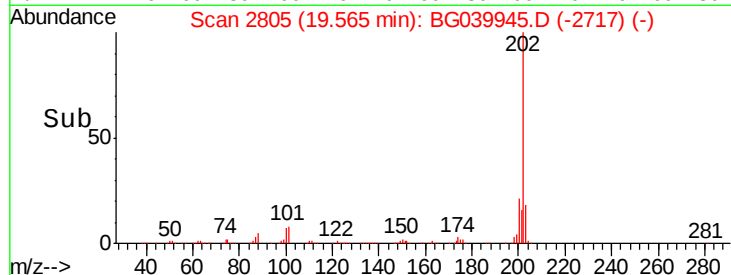
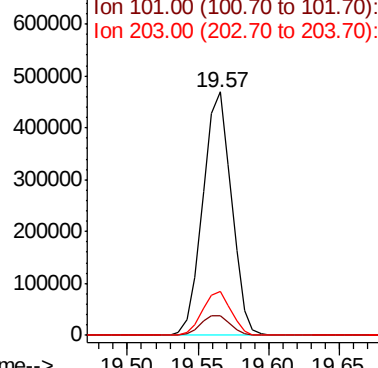


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

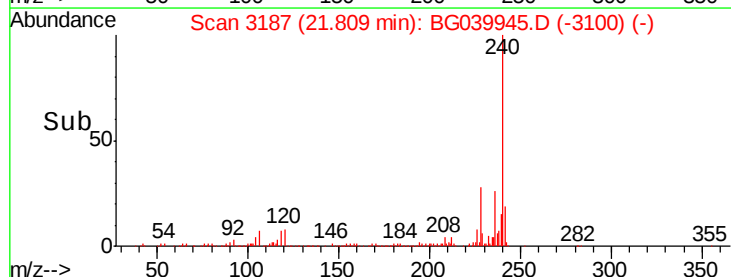
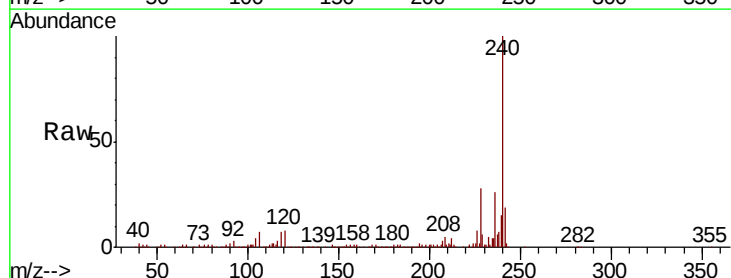
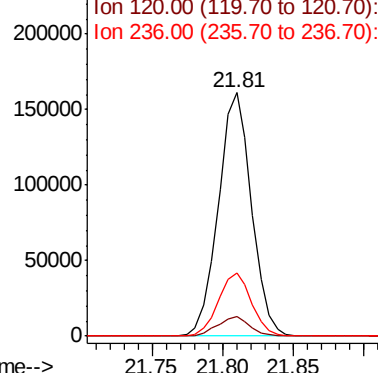
Tgt Ion:	240	Resp:	264808
Ion Ratio		Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.1	21.0	31.4

Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.951 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

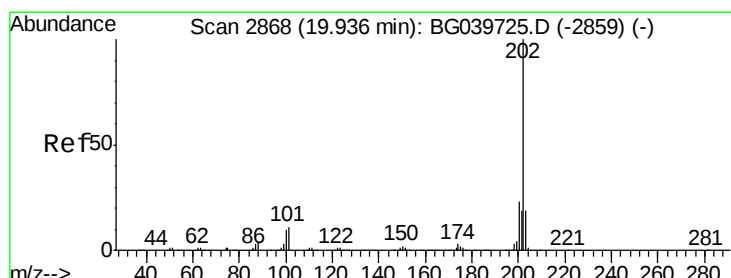
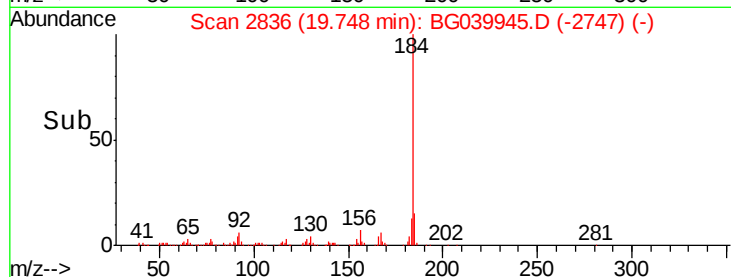
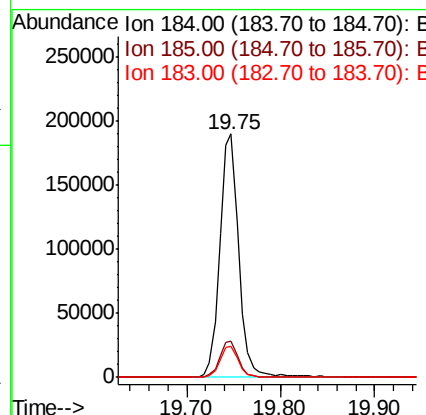
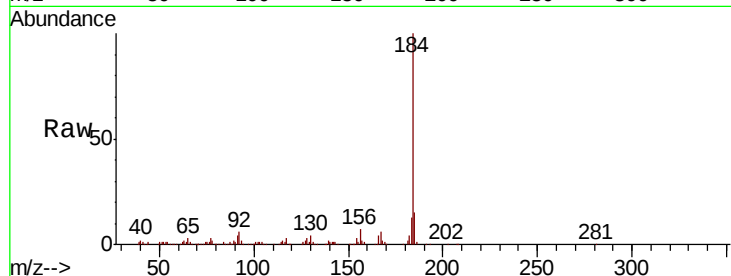
ClientSampleId :

PB117958BS

Tot Ion:	184	Resp:	268491
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	13.0	10.6	15.8

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#78

Pyrene

Concen: 38.690 ng

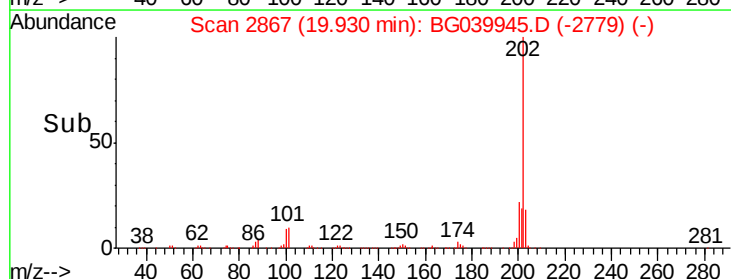
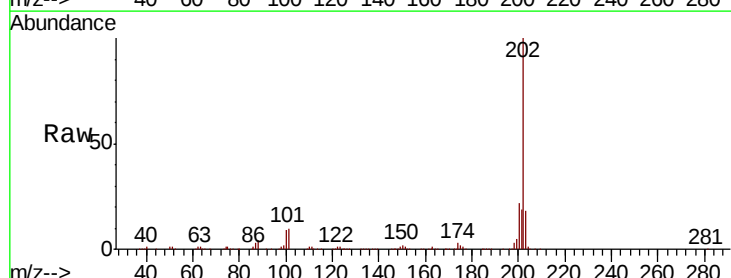
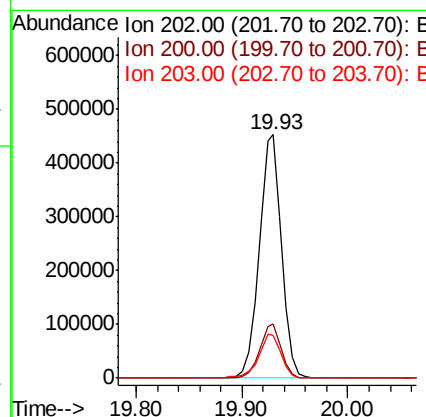
RT: 19.93 min Scan# 2867

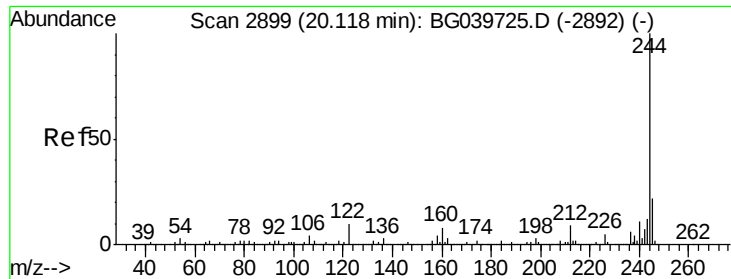
Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	202	Resp:	665760
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.8
203	17.6	15.3	22.9





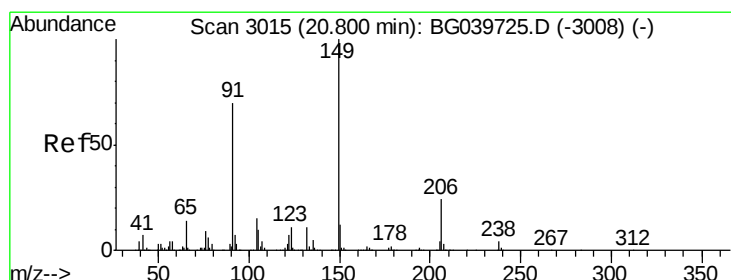
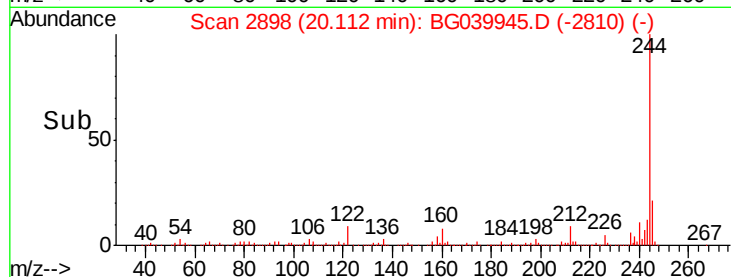
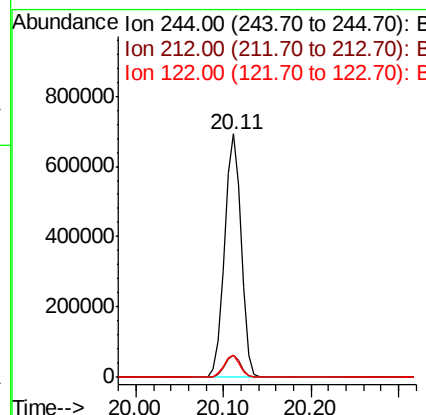
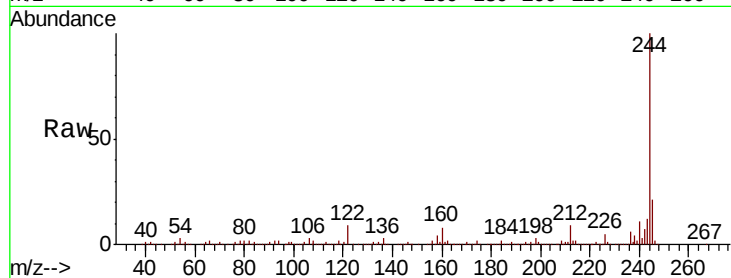
#79
 Terphenyl-d14
 Concen: 75.918 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.2	7.3	10.9
122	9.1	8.4	12.6

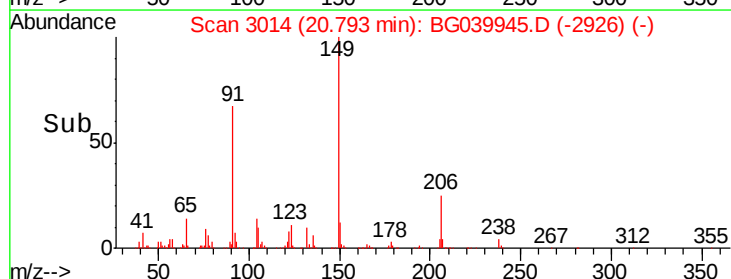
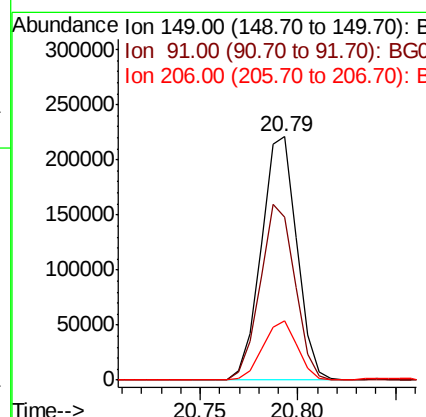
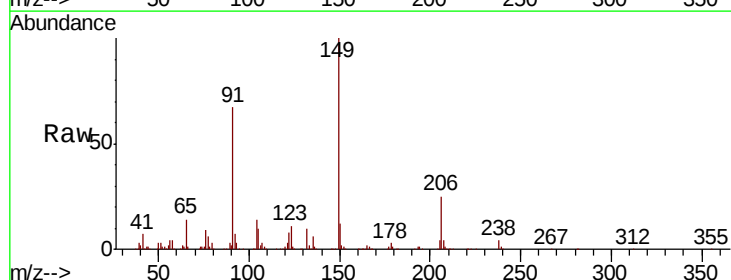
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#80
 Butylbenzylphthalate
 Concen: 41.787 ng
 RT: 20.79 min Scan# 3014
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.8	59.5	89.3
206	24.5	18.6	27.8





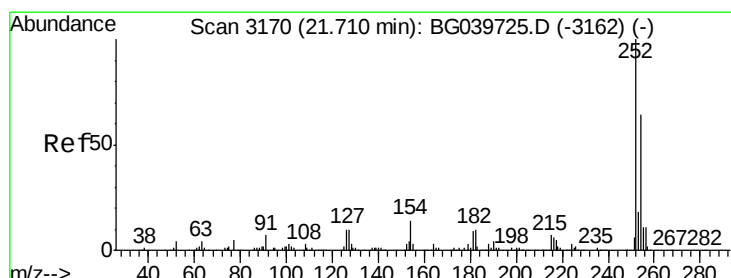
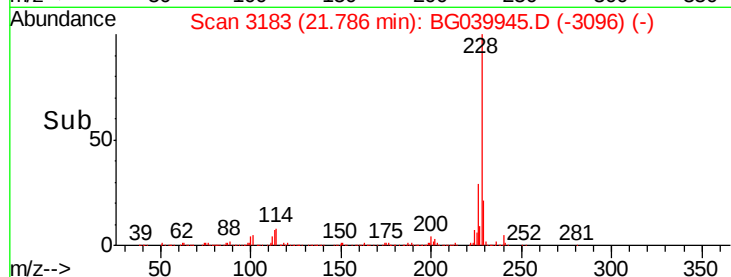
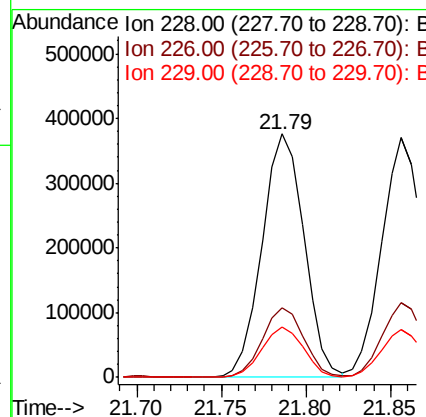
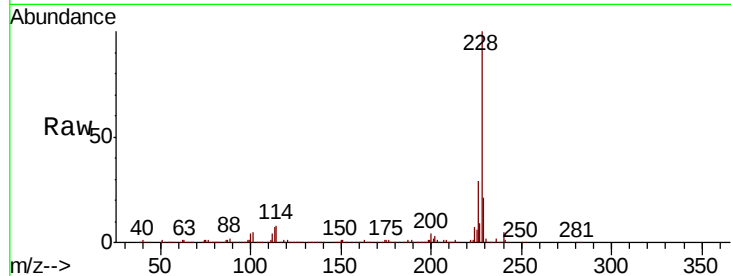
#81
Benzo(a)anthracene
Concen: 39.062 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.7		23.0	34.6	
229	20.6		16.9	25.3	

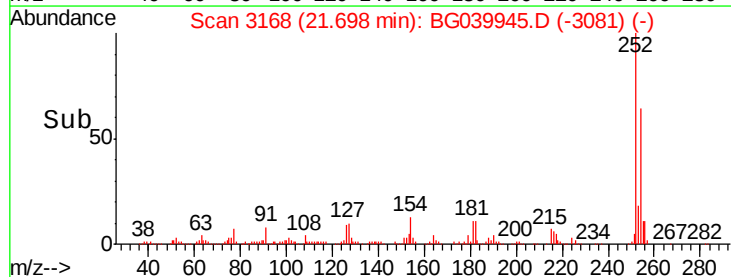
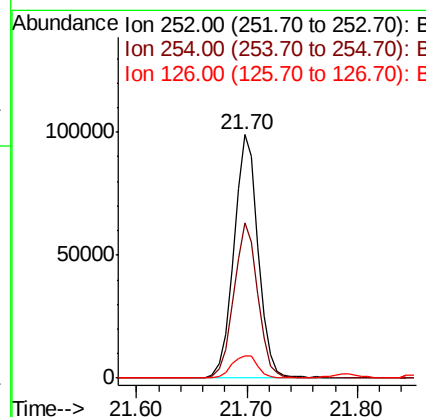
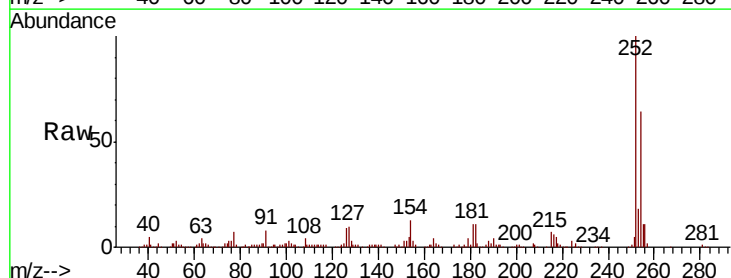
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#82
3,3'-Dichlorobenzidine
Concen: 25.167 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.8		51.3	76.9	
126	9.2		8.0	12.0	





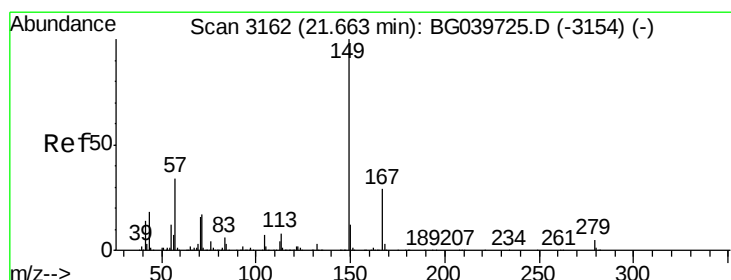
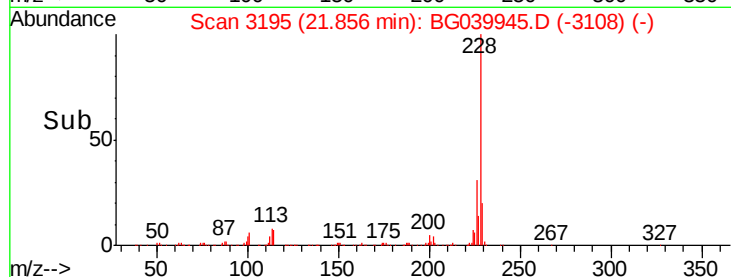
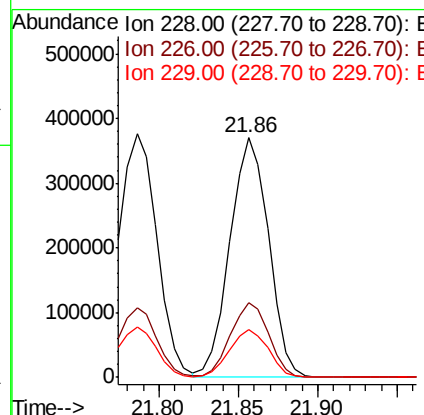
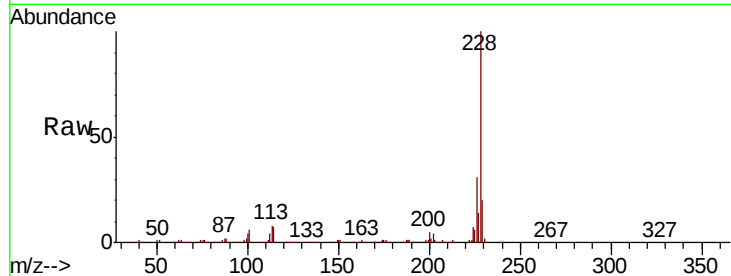
#83
 Chrvsene
 Concen: 38.735 ng
 RT: 21.86 min Scan# 3195
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	20.1	16.6	25.0

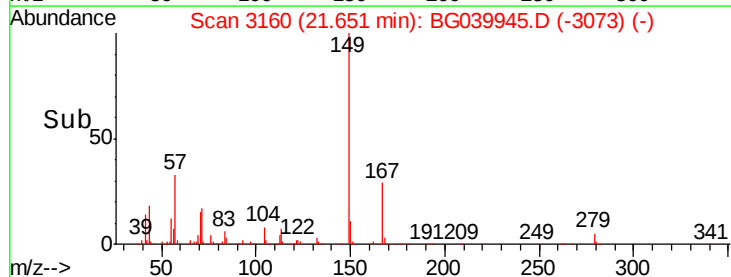
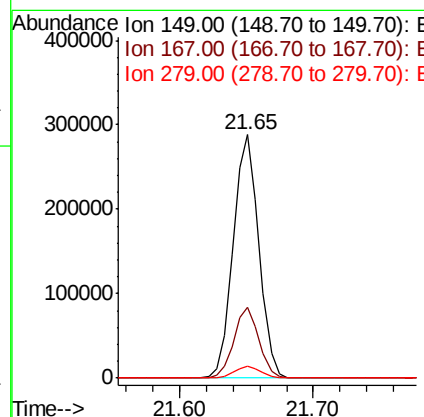
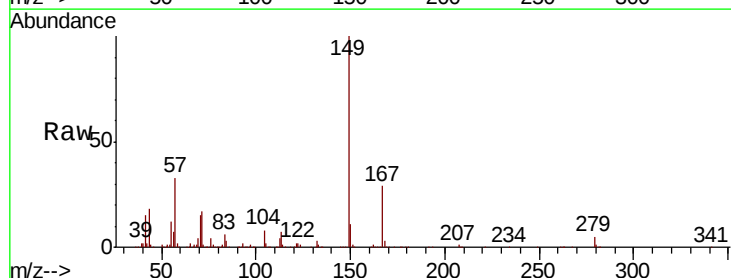
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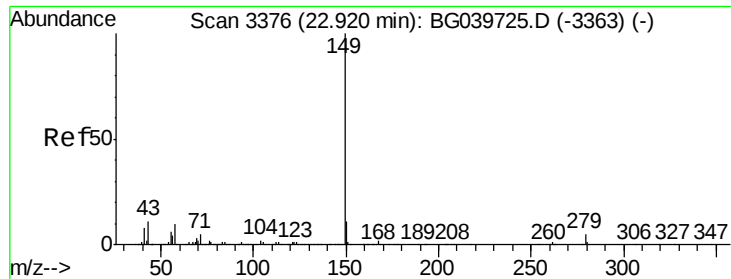
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.403 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	34.0
279	4.7	3.5	5.3





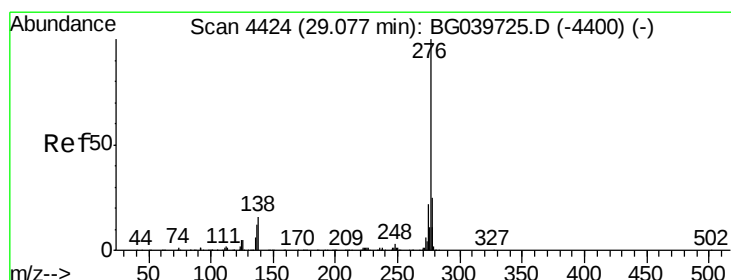
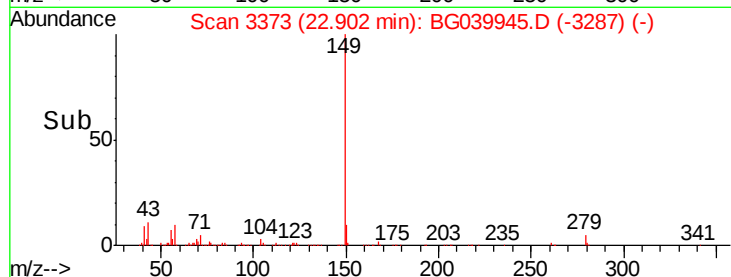
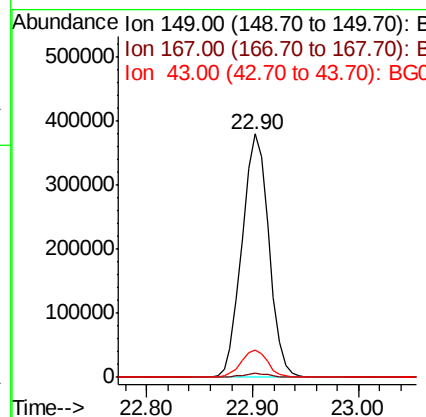
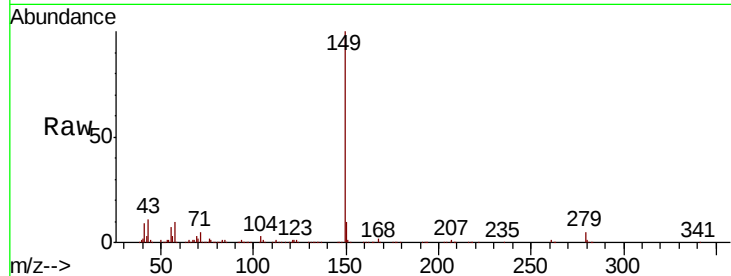
#85
Di-n-octyl phthalate
Concen: 42.975 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

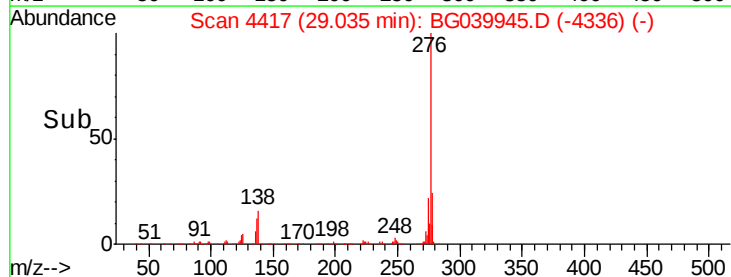
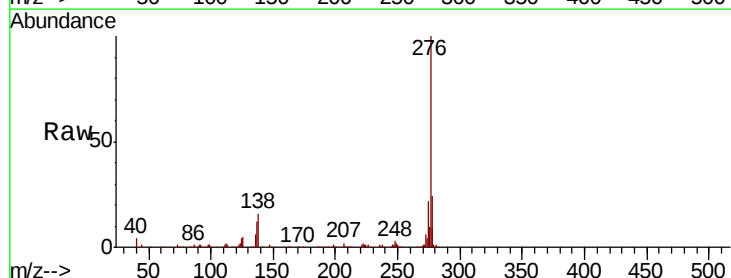
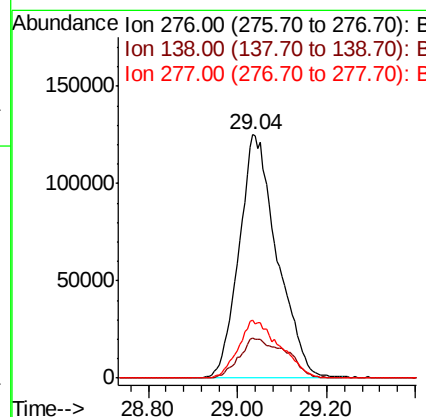
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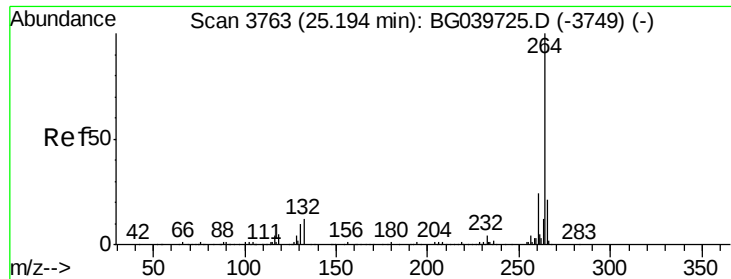
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.575 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.6	19.0#
277	25.9	20.8	31.2





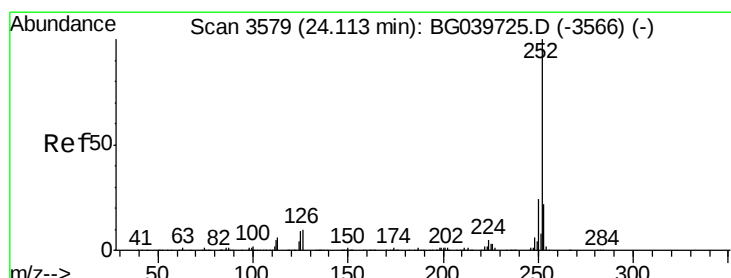
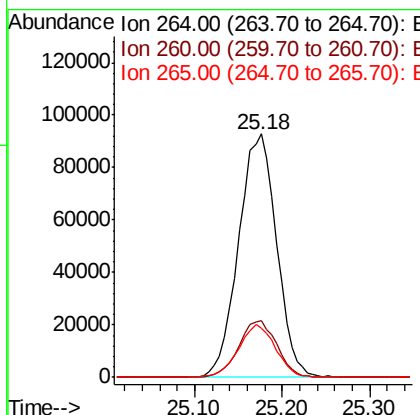
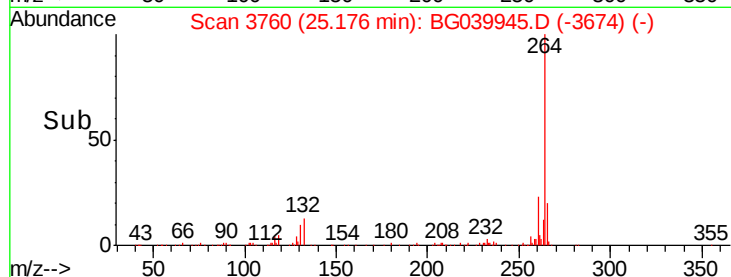
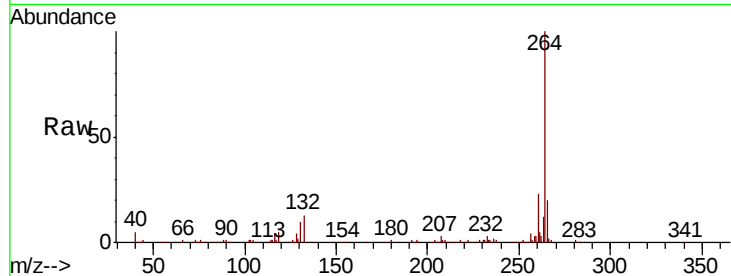
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.2	18.5	27.7

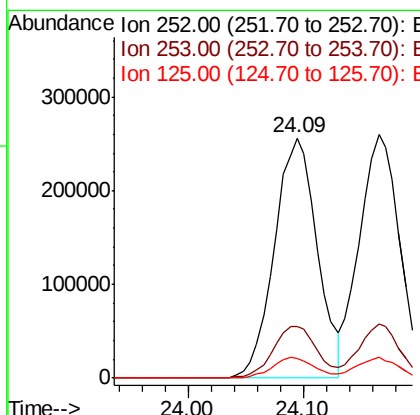
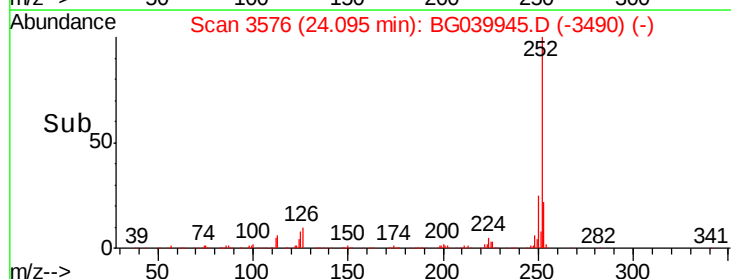
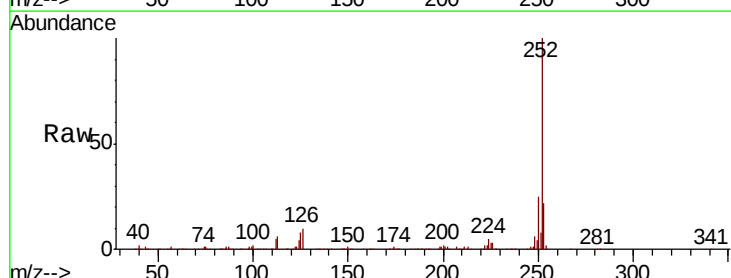
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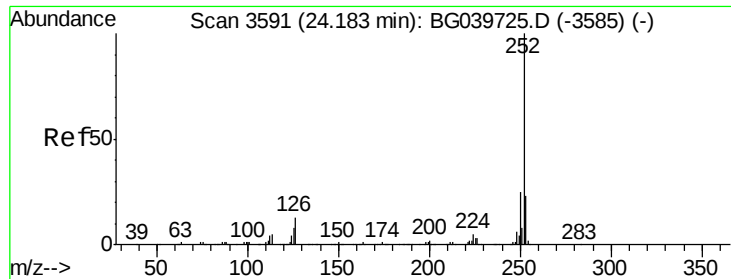
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#88
Benzo(b)fluoranthene
Concen: 40.367 ng
RT: 24.09 min Scan# 3576
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.3	7.8	11.6





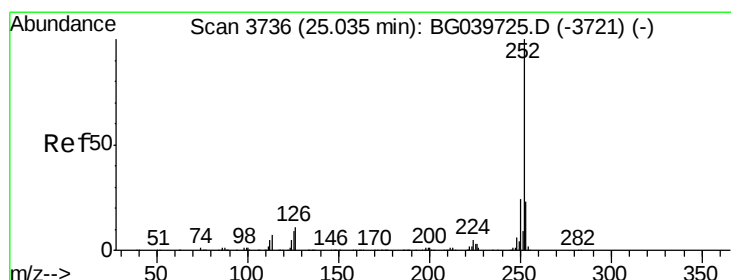
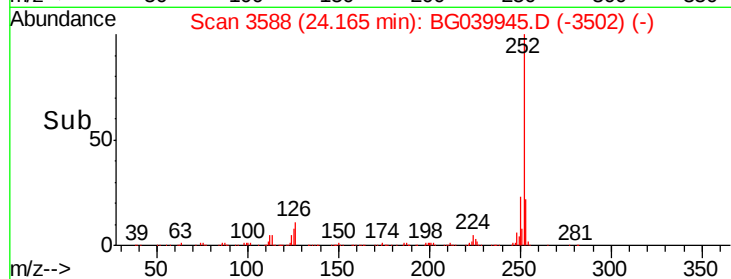
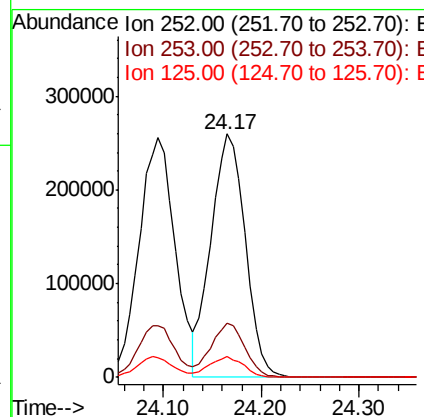
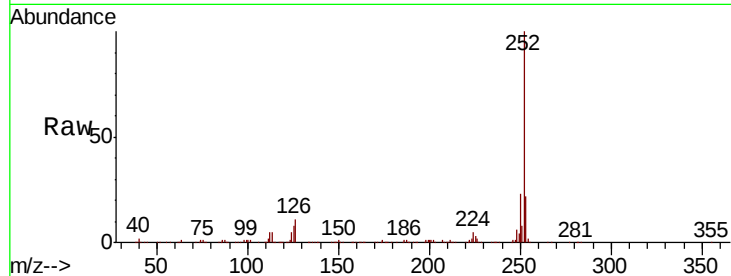
#89
Benzo(k)fluoranthene
Concen: 41.569 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.3	7.4	11.2

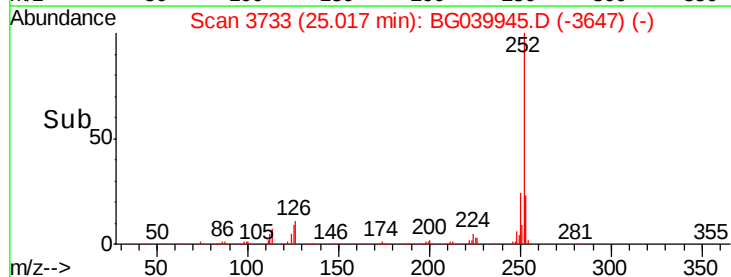
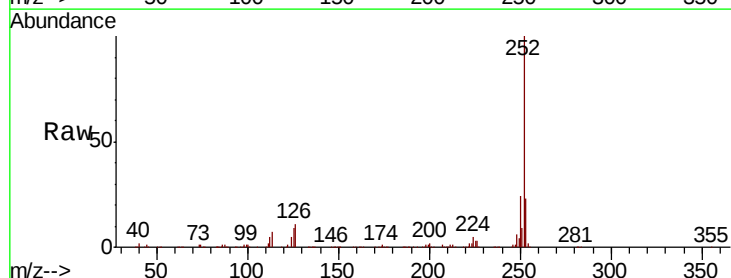
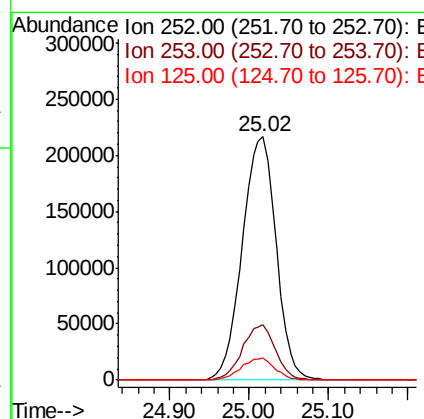
Manual Integrations
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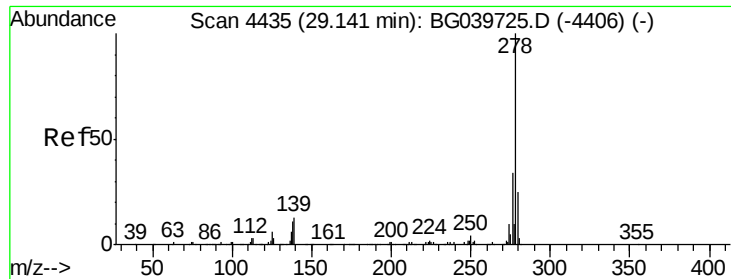
Sohil
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#90
Benzo(a)pyrene
Concen: 42.637 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.155 ng

RT: 29.11 min Scan# 4430

Delta R.T. -0.04 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

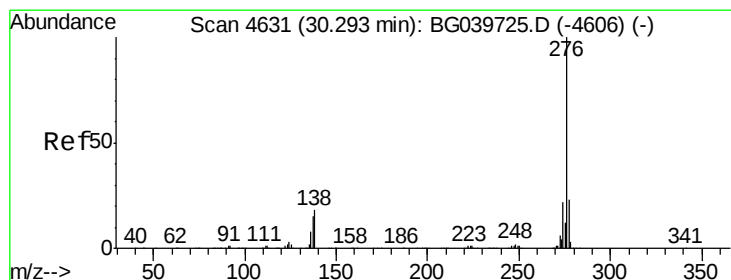
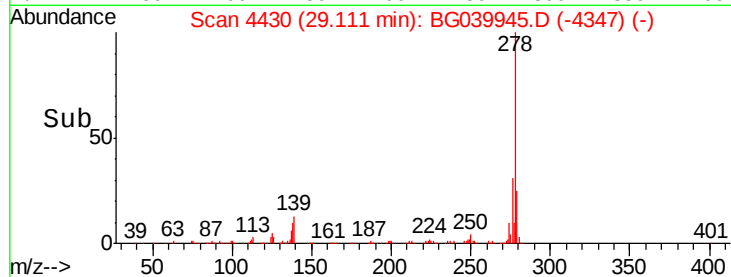
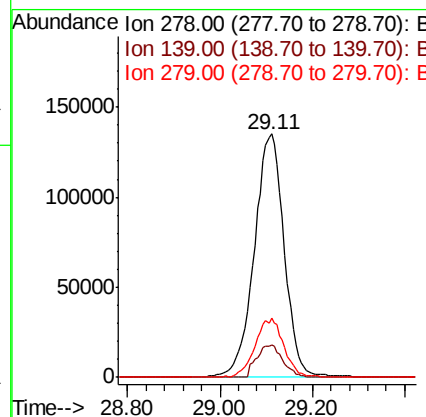
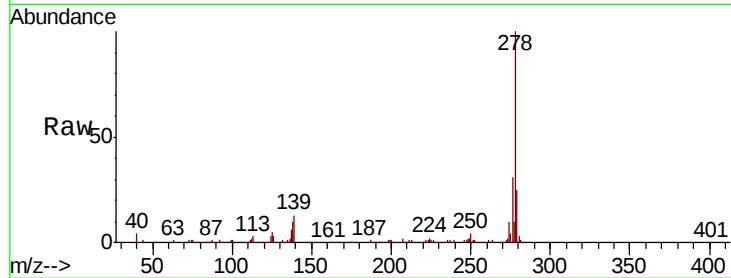
ClientSampleId :

PB117958BS

Tot Ion:	278	Resp:	608754
Ion Ratio	Lower	Upper	
278	100		
139	13.3	11.7	17.5
279	24.6	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 41.558 ng

RT: 30.26 min Scan# 4626

Delta R.T. -0.05 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:	276	Resp:	617364
Ion Ratio	Lower	Upper	
276	100		
277	22.5	19.6	29.4
138	15.9	14.7	22.1

