

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039599.D
 Acq On : 26 Feb 2019 14:04
 Operator : JU/SJ
 Sample : PB117390BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117390BS

Manual Integrations
 APPROVED

Sohil
 2/27/2019 4:21:42 PM

Quant Time: Feb 27 02:55:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52194	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	219256	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	147079	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	374143	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	389165	20.00	ng	-0.02
87) Perylene-d12	25.20	264	364219	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	481383	157.85	ng	0.00
7) Phenol-d6	7.32	99	669019	149.04	ng	0.00
23) Nitrobenzene-d5	9.35	82	329331	93.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	265830	167.84	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	790938	77.14	ng	-0.02
79) Terphenyl-d14	20.13	244	1461419	79.49	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	52156	39.098	ng	94
3) Pyridine	4.00	79	141124	39.958	ng	94
4) n-Nitrosodimethylamine	3.92	42	71800	40.650	ng	91
6) Aniline	7.49	93	165020	29.349	ng	96
8) 2-Chlorophenol	7.73	128	149677	44.901	ng	97
9) Benzaldehyde	7.31	77	51096	19.361	ng	90
10) Phenol	7.34	94	205280	43.869	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	145587	39.374	ng	99
12) 1,3-Dichlorobenzene	8.05	146	161294	39.942	ng	97
13) 1,4-Dichlorobenzene	8.20	146	162283	40.319	ng	97
14) 1,2-Dichlorobenzene	8.52	146	157193	40.342	ng	99
15) Benzyl Alcohol	8.41	79	143150	40.619	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	279507	33.474	ng	97
17) 2-Methylphenol	8.60	107	132359	43.710	ng	97
18) Hexachloroethane	9.25	117	57065	41.209	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	117280	36.810	ng	90
20) 3+4-Methylphenols	8.93	107	184159	44.164	ng	97
22) Acetophenone	8.99	105	223829	38.004	ng	93
24) Nitrobenzene	9.39	77	172531	45.503	ng	96
25) Isophorone	9.90	82	327016	42.047	ng	100
26) 2-Nitrophenol	10.10	139	85223	54.834	ng	97
27) 2,4-Dimethylphenol	10.14	122	156879	49.863	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	204036	42.592	ng	96
29) 2,4-Dichlorophenol	10.63	162	166148	48.319	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	163577	42.372	ng	99
31) Naphthalene	11.04	128	461688	42.446	ng	99
32) Benzoic acid	10.27	122	103930	49.987	ng	98
33) 4-Chloroaniline	11.15	127	116350	23.070	ng	96
34) Hexachlorobutadiene	11.30	225	104351	40.646	ng	94
35) Caprolactam	11.93	113	55603m	39.077	ng	
36) 4-Chloro-3-methylphenol	12.25	107	176677	44.428	ng	98
37) 2-Methylnaphthalene	12.63	142	352559	43.762	ng	97
38) 1-Methylnaphthalene	12.85	142	334481	43.071	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	192364	41.107	ng	99

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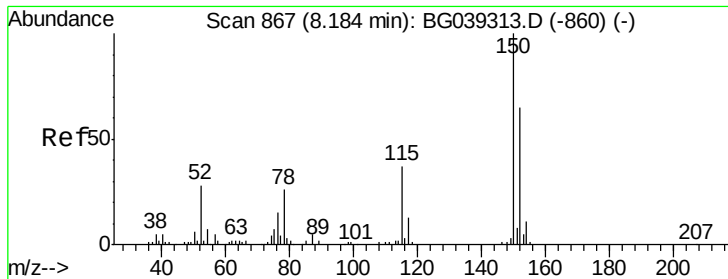
Manual Integrations
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Sohil
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	253579	99.443	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	135149	46.971	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	146317	48.520	nq	98
46) 1,1'-Biphenyl	13.63	154	469980	38.405	nq	98
47) 2-Chloronaphthalene	13.68	162	363774	39.515	nq	98
48) 2-Nitroaniline	13.88	65	125326	47.496	nq	92
49) Acenaphthylene	14.52	152	589822	42.461	nq	99
50) Dimethylphthalate	14.24	163	491954	41.415	nq	99
51) 2,6-Dinitrotoluene	14.37	165	111120	49.772	nq	94
52) Acenaphthene	14.86	154	358169	39.722	nq	99
53) 3-Nitroaniline	14.70	138	75327	33.443	nq	# 96
54) 2,4-Dinitrophenol	14.90	184	132783	112.711	nq	99
55) Dibenzofuran	15.19	168	585378	40.491	nq	99
56) 4-Nitrophenol	15.00	139	205305	94.461	nq	92
57) 2,4-Dinitrotoluene	15.15	165	157315	54.126	nq	88
58) Fluorene	15.84	166	465099	43.156	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	145856	51.657	nq	96
60) Diethylphthalate	15.59	149	505906	41.192	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	249901	40.952	nq	96
62) 4-Nitroaniline	15.87	138	120774	48.443	nq	96
63) Azobenzene	16.11	77	444362	37.017	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	96433	59.667	nq	93
66) n-Nitrosodiphenylamine	16.04	169	436449	38.364	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	162999	39.270	nq	92
68) Hexachlorobenzene	16.83	284	169283	40.650	nq	96
69) Atrazine	16.98	200	180801	43.489	nq	95
70) Pentachlorophenol	17.18	266	225522	77.919	nq	98
71) Phenanthrene	17.58	178	803711	41.504	nq	99
72) Anthracene	17.67	178	823919	43.196	nq	98
73) Carbazole	17.94	167	743943	39.082	nq	99
74) Di-n-butylphthalate	18.47	149	908949	40.930	nq	99
75) Fluoranthene	19.58	202	1000052	44.494	nq	98
77) Benzidine	19.76	184	342900	26.875	nq	99
78) Pyrene	19.94	202	1003670	41.428	nq	99
80) Butylbenzylphthalate	20.81	149	427369	41.818	nq	94
81) Benzo(a)anthracene	21.81	228	983423	42.766	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	247439	29.020	nq	98
83) Chrysene	21.88	228	912513	41.686	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	592555	40.642	nq	# 99
85) Di-n-octyl phthalate	22.93	149	993233	41.235	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1081540	46.050	nq	100
88) Benzo(b)fluoranthene	24.11	252	952876	47.973	nq	99
89) Benzo(k)fluoranthene	24.19	252	907777	45.521	nq	99
90) Benzo(a)pyrene	25.04	252	926374	48.427	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	882412	49.256	nq	97
92) Benzo(g,h,i)perylene	30.31	276	893097	50.016	nq	100

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



#1

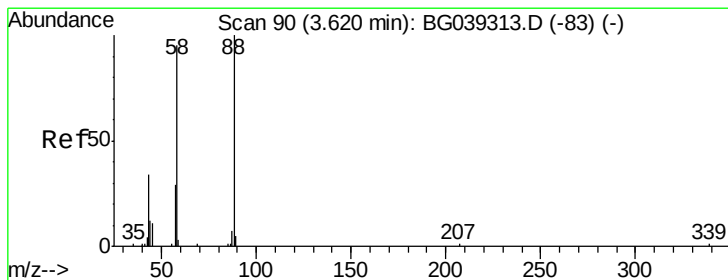
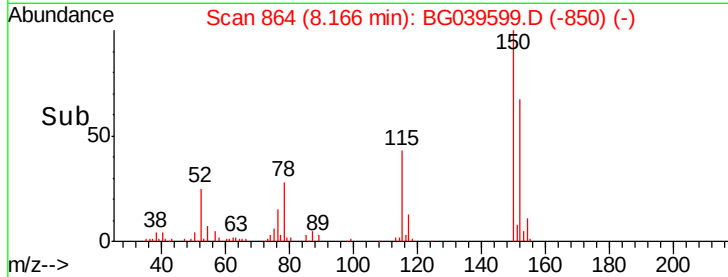
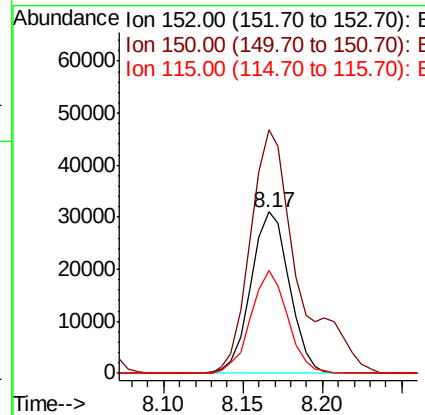
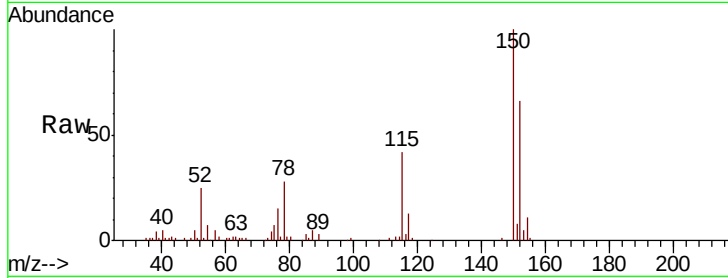
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.7	185.5
115	64.0	45.9	68.9

Manual Integrations
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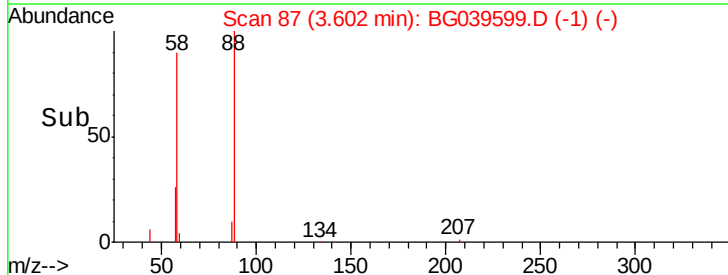
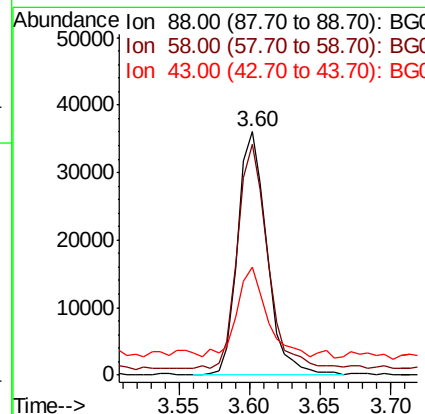
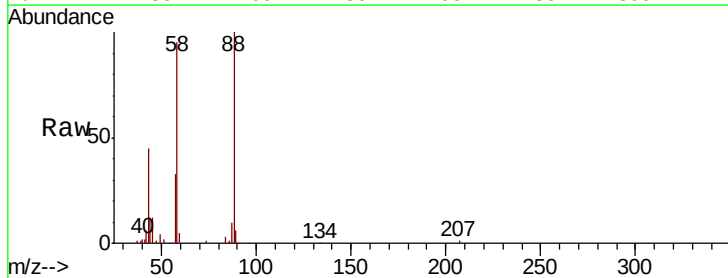
Sohil
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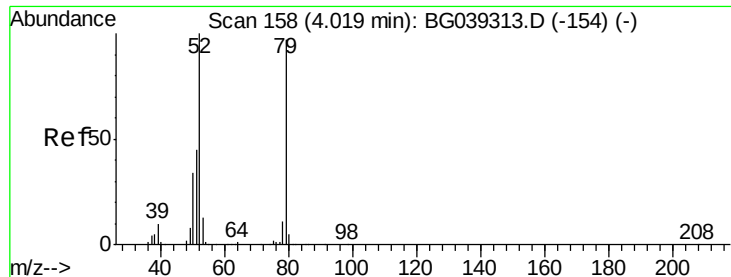


#2

1,4-Dioxane
Concen: 39.098 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.1	81.1	121.7
43	36.7	31.4	47.0





#3

Pvridine

Concen: 39.958 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

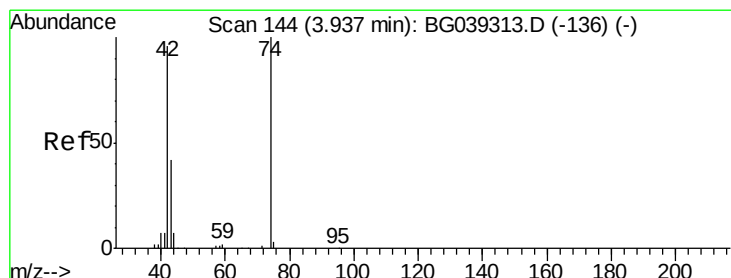
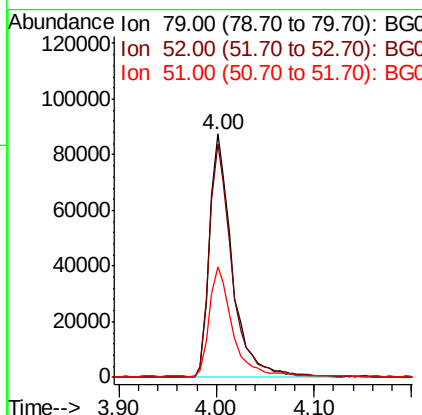
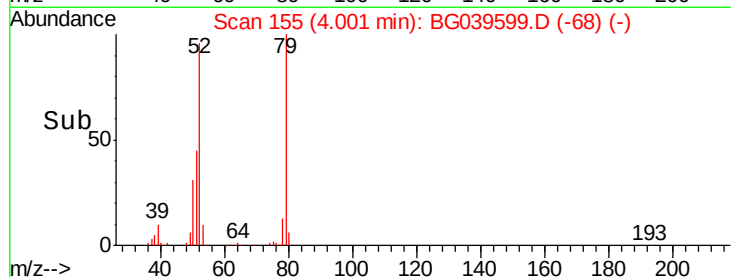
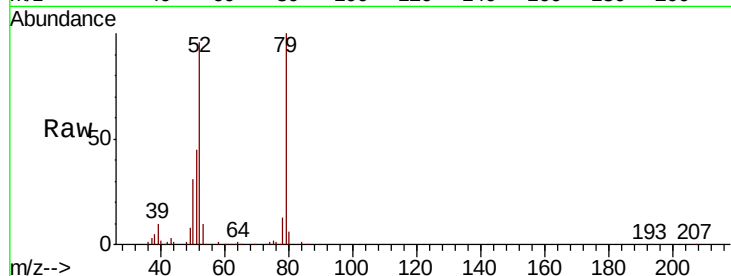
ClientSampled :

PB117390BS

Tot Ion:	79	Resp:	141124
Ion	Ratio	Lower	Upper
79	100		
52	96.0	82.6	124.0
51	45.4	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.650 ng

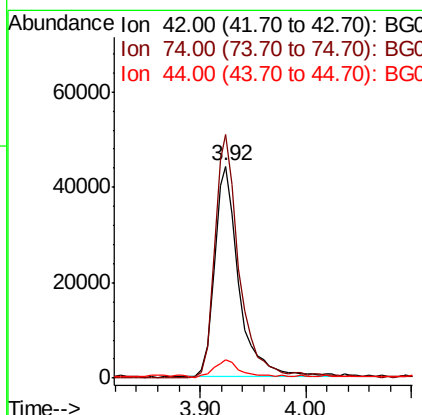
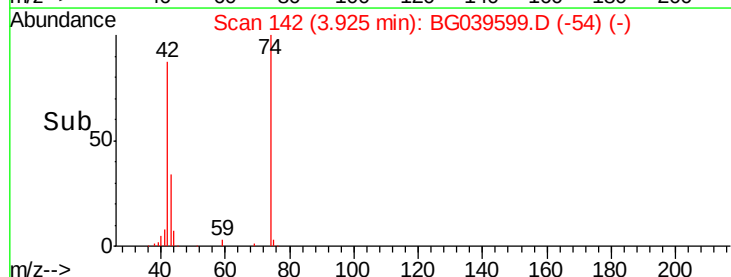
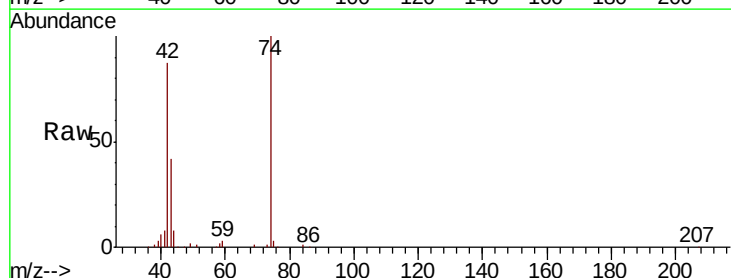
RT: 3.92 min Scan# 142

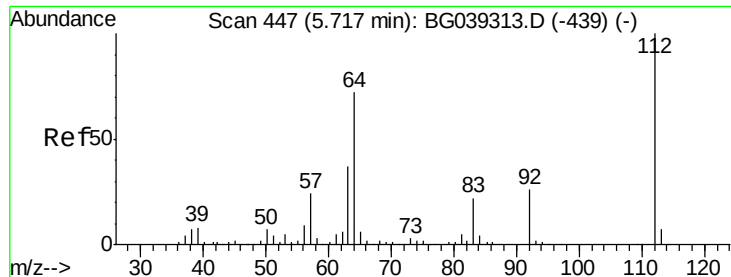
Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	42	Resp:	71800
Ion	Ratio	Lower	Upper
42	100		
74	114.8	83.6	125.4
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 157.852 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

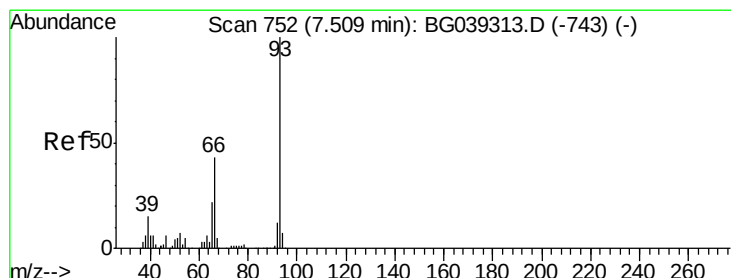
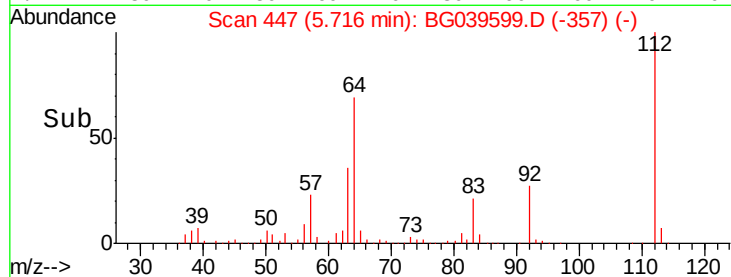
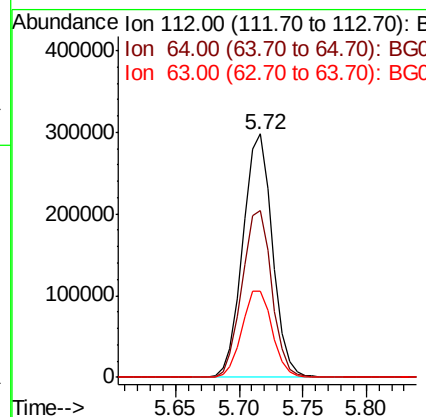
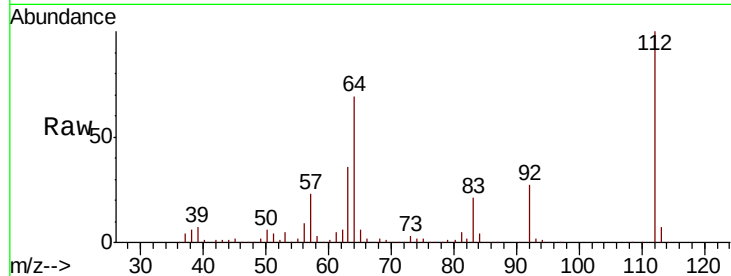
ClientSampleId :

PB117390BS

Tot Ion:	112	Resp:	481383
Ion Ratio	Lower	Upper	
112	100		
64	68.7	57.8	86.8
63	35.6	29.8	44.6

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#6

Aniline

Concen: 29.349 ng

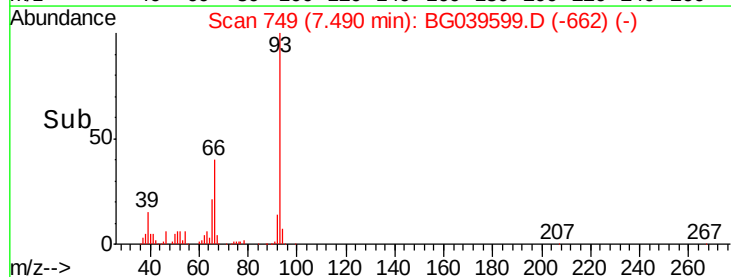
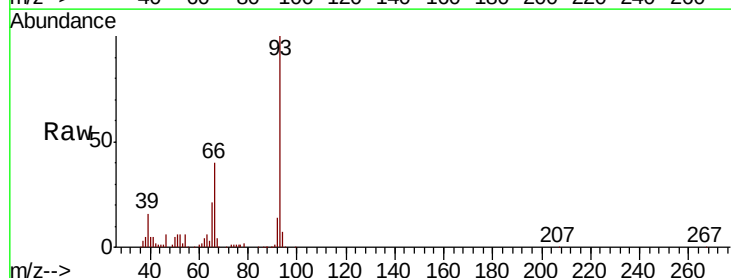
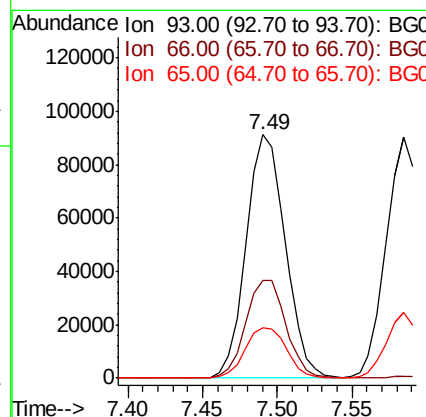
RT: 7.49 min Scan# 749

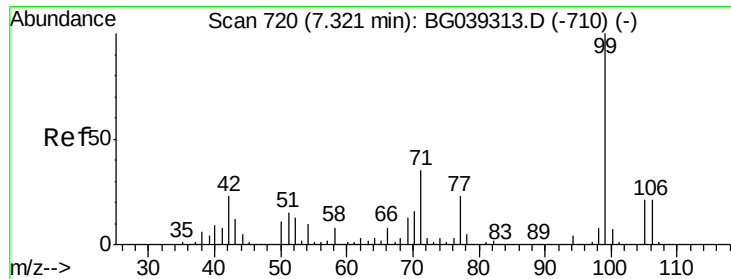
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	93	Resp:	165020
Ion Ratio	Lower	Upper	
93	100		
66	40.1	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 149.038 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

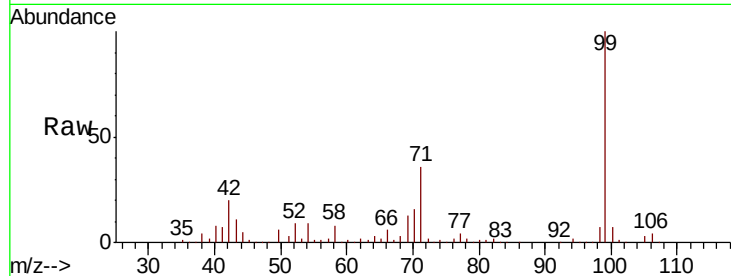
ClientSampled :

PB117390BS

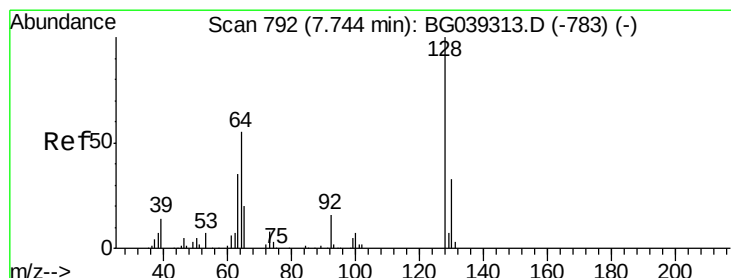
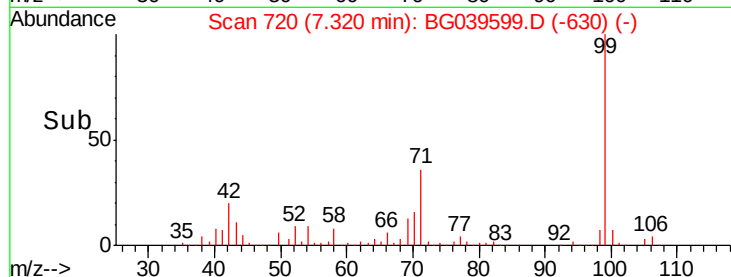
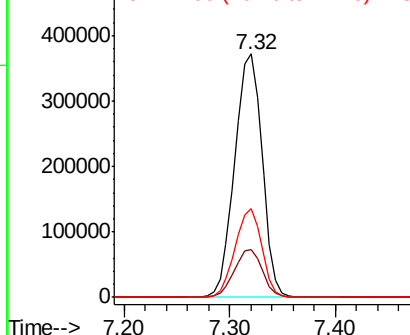
Tot Ion:	99	Resp:	669019
Ion Ratio	Lower	Upper	
99	100		
42	19.8	18.2	27.2
71	36.3	28.0	42.0

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



#8

2-Chlorophenol

Concen: 44.901 ng

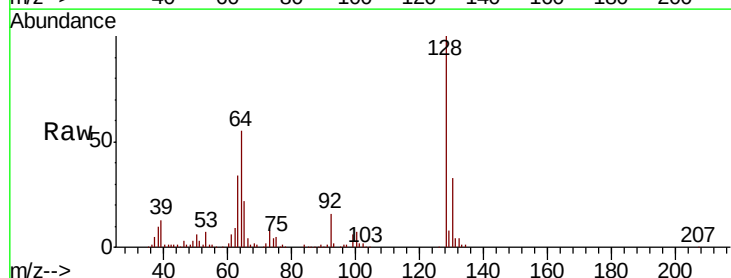
RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

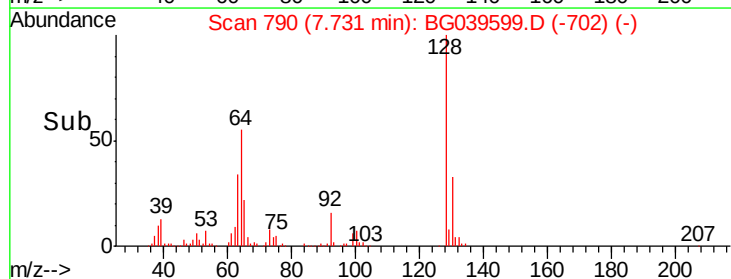
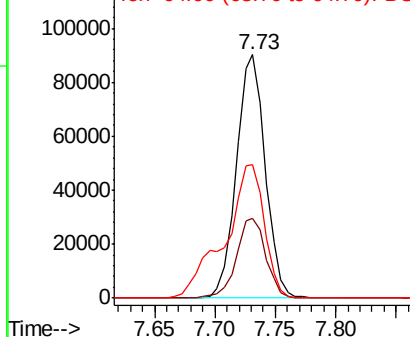
Lab File: BG039599.D

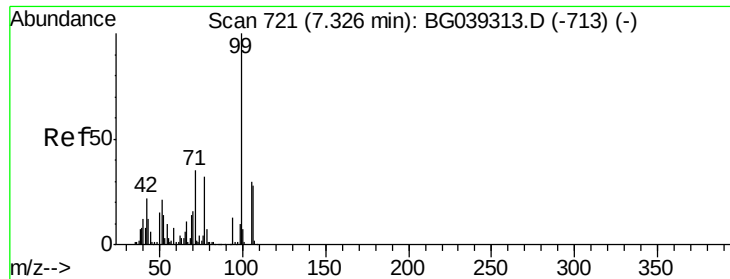
Acq: 26 Feb 2019 14:04

Tgt Ion:	128	Resp:	149677
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	54.9	38.7	78.7



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





#9

Benzaldehyde

Concen: 19.361 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

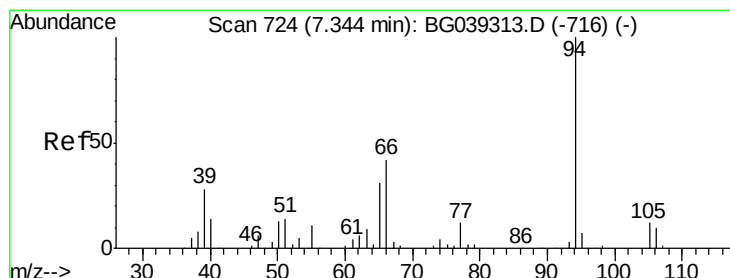
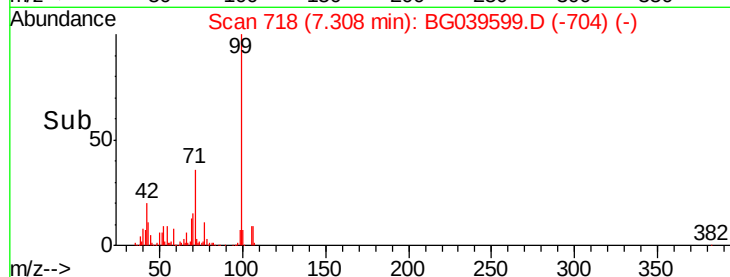
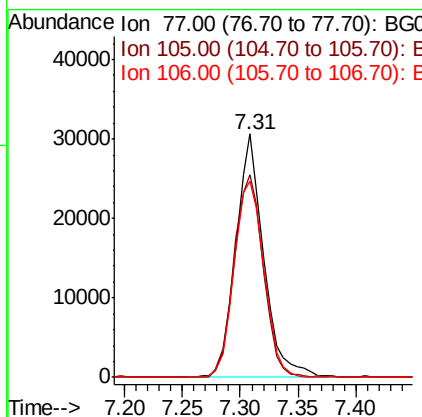
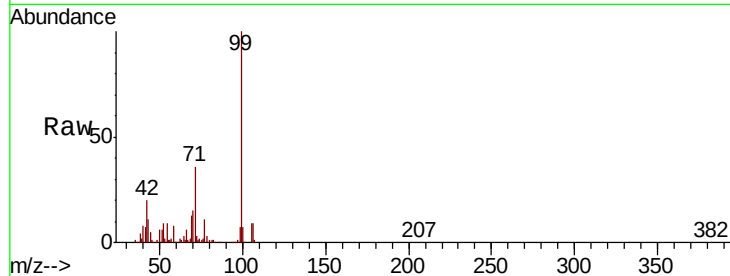
ClientSampleId :

PB117390BS

Tot Ion:	77	Resp:	51096
Ion	Ratio	Lower	Upper
77	100		
105	83.2	74.5	114.5
106	80.8	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 43.869 ng

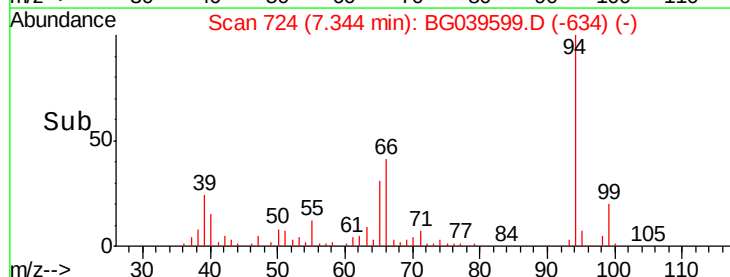
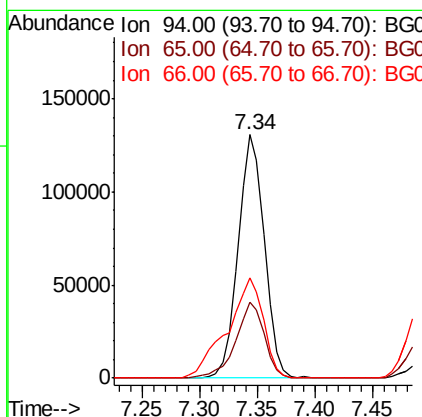
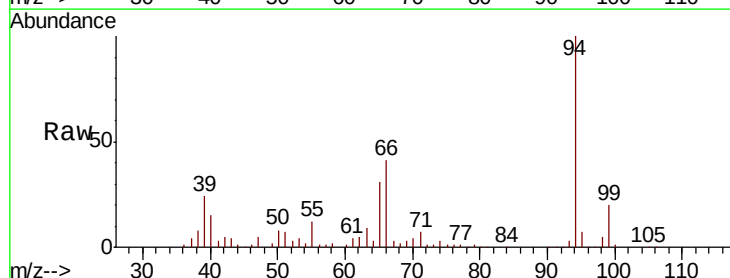
RT: 7.34 min Scan# 724

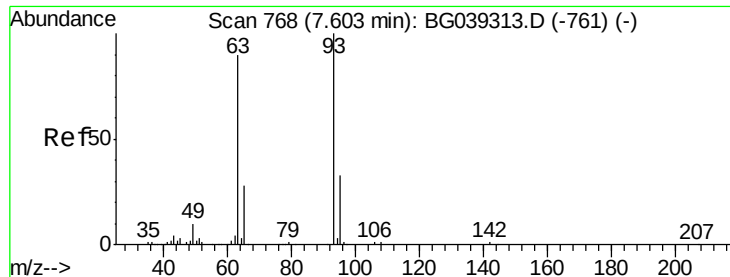
Delta R.T. -0.00 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	94	Resp:	205280
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	41.0	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 39.374 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

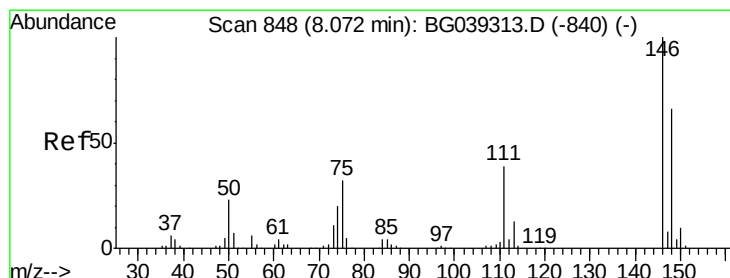
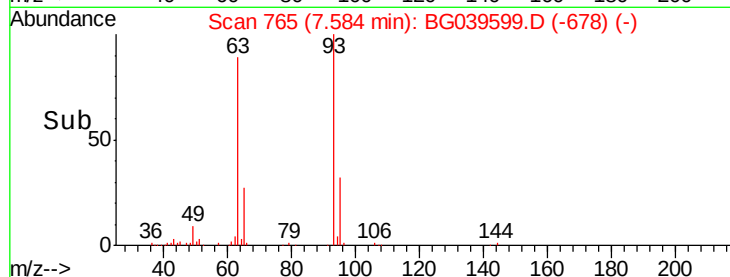
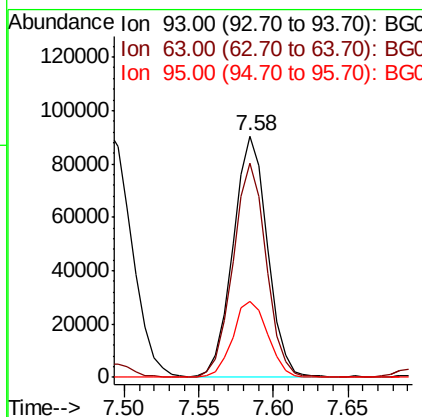
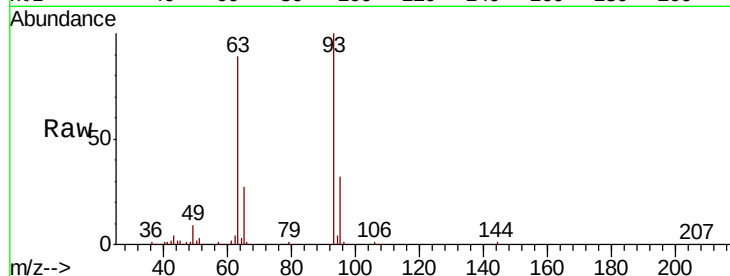
ClientSampleId :

PB117390BS

Tot Ion:	93	Resp:	145587
Ion	Ratio	Lower	Upper
93	100		
63	88.9	69.5	109.5
95	31.7	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 39.942 ng

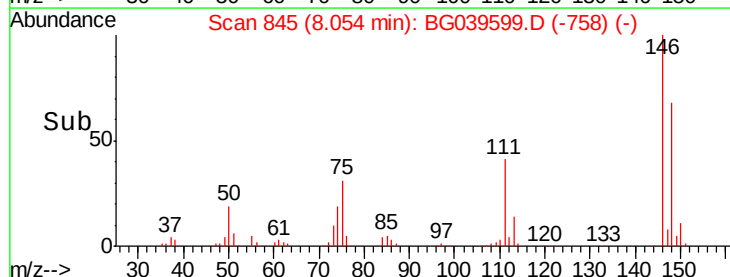
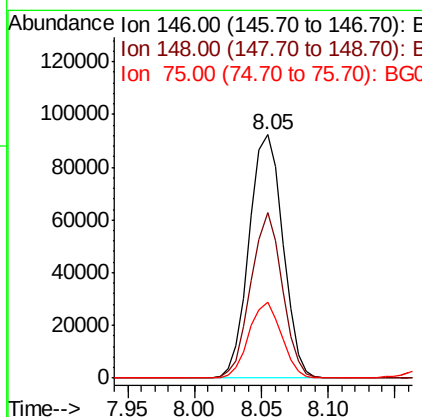
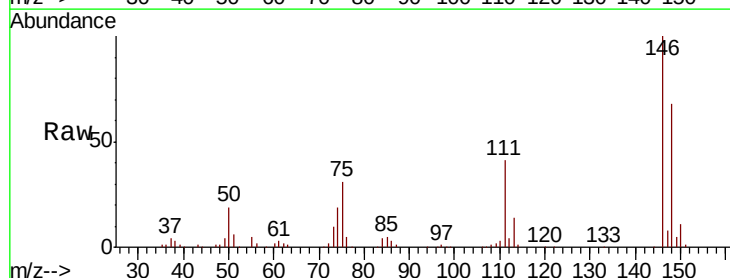
RT: 8.05 min Scan# 845

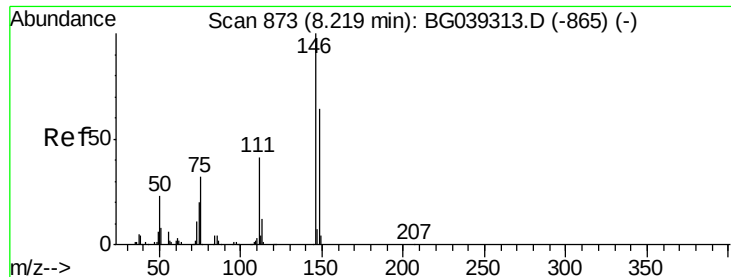
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	146	Resp:	161294
Ion	Ratio	Lower	Upper
146	100		
148	68.0	52.6	79.0
75	31.0	25.8	38.6





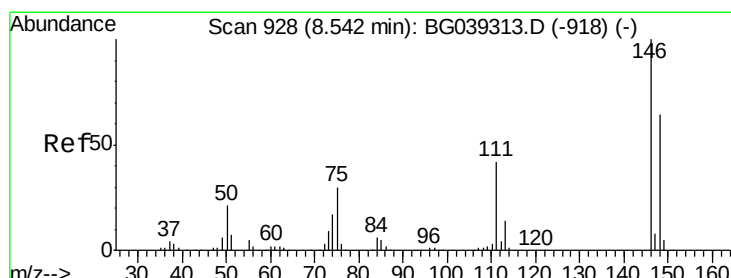
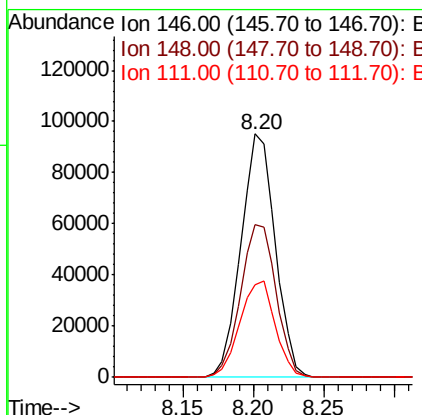
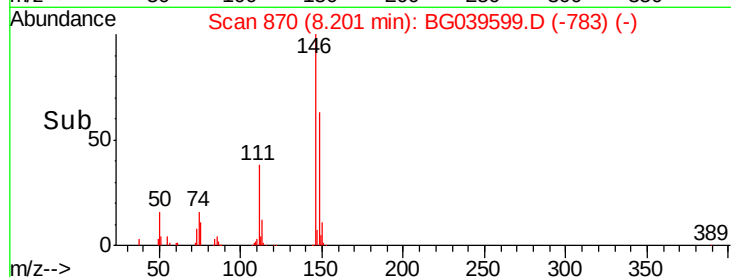
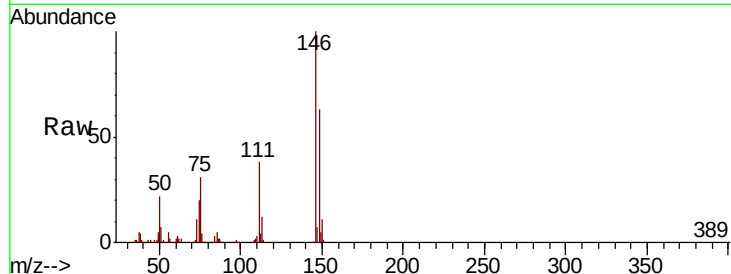
#13
 1,4-Dichlorobenzene
 Concen: 40.319 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117390BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.1	76.7
111	38.1	32.6	48.8

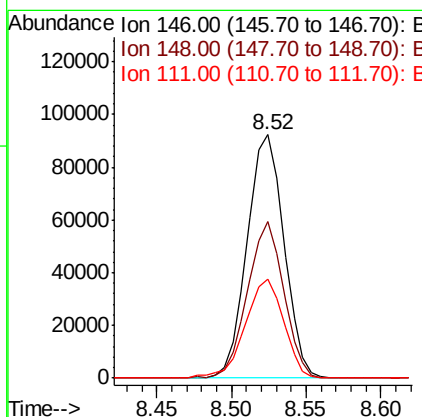
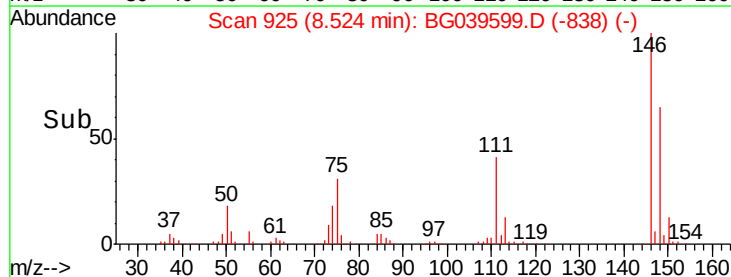
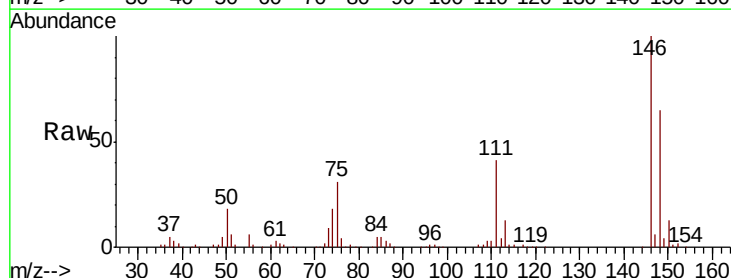
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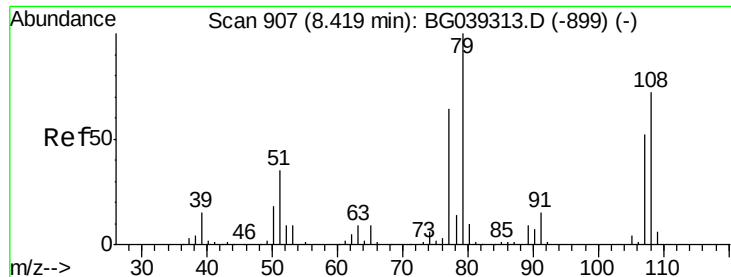
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#14
 1,2-Dichlorobenzene
 Concen: 40.342 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	40.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.619 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

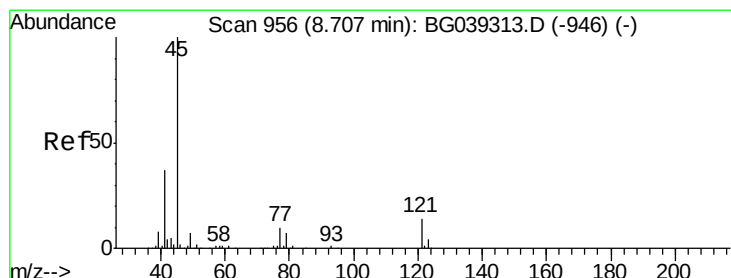
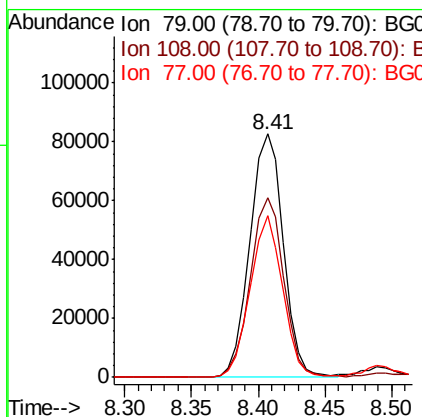
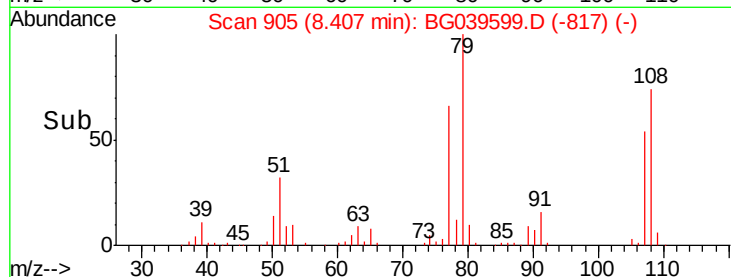
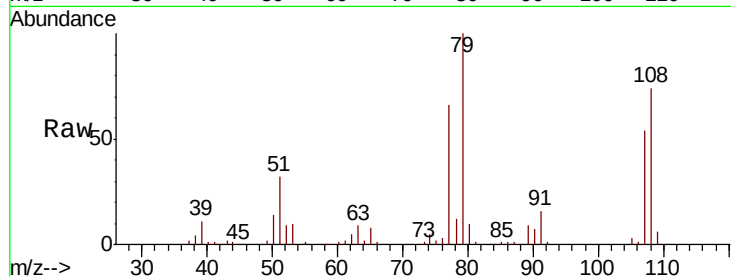
ClientSampled :

PB117390BS

Tot Ion:	79	Resp:	143150
Ion Ratio	Lower	Upper	
79	100		
108	74.0	57.8	86.6
77	66.3	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.474 ng

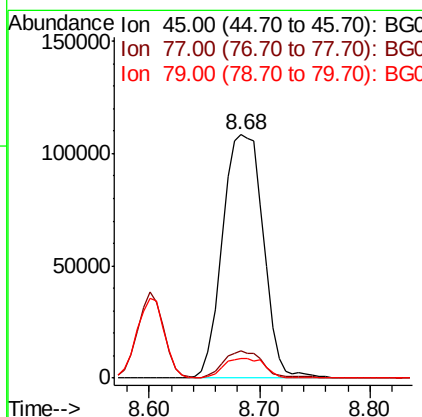
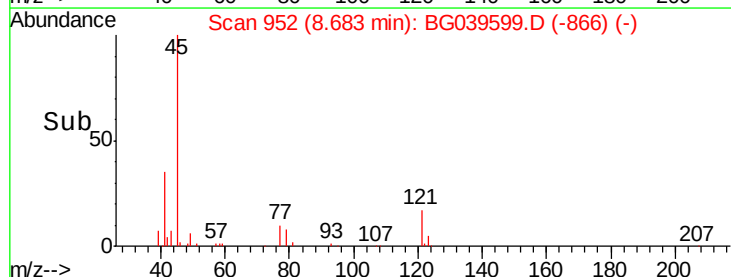
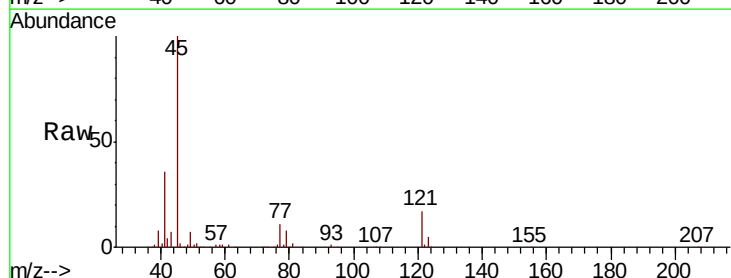
RT: 8.68 min Scan# 952

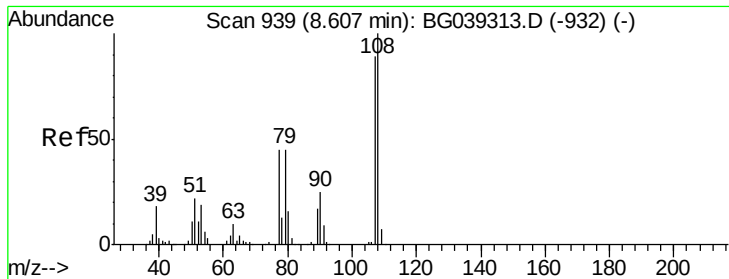
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	45	Resp:	279507
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.0
79	8.2	0.0	27.5





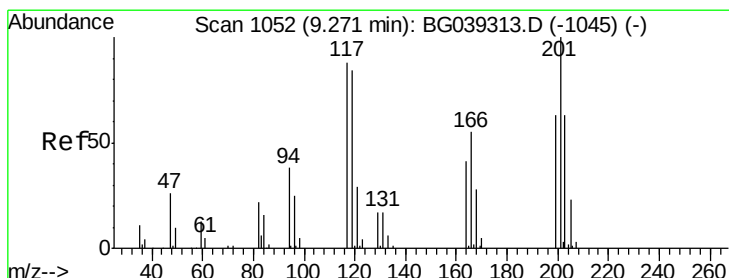
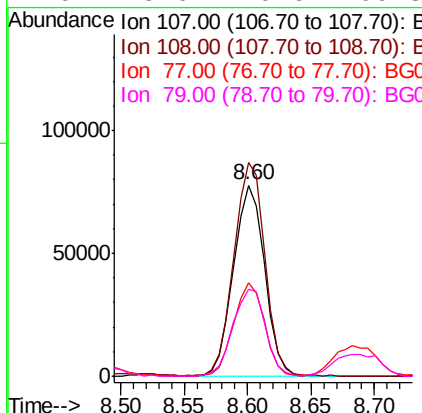
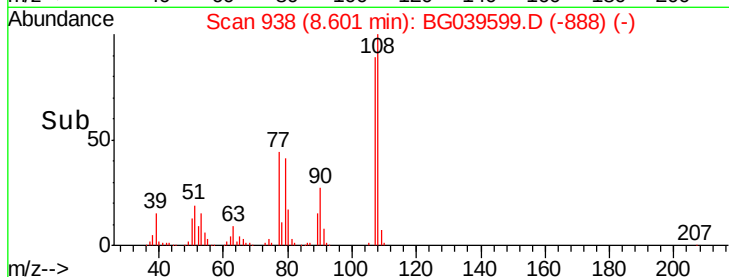
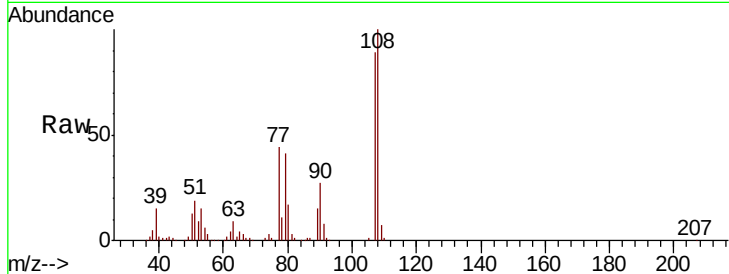
#17
2-Methylphenol
Concen: 43.710 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampled :
PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	90.8	136.2	
77	49.2	40.7	61.1	
79	45.6	40.6	60.8	

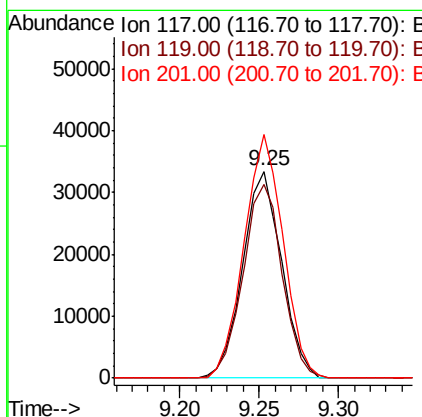
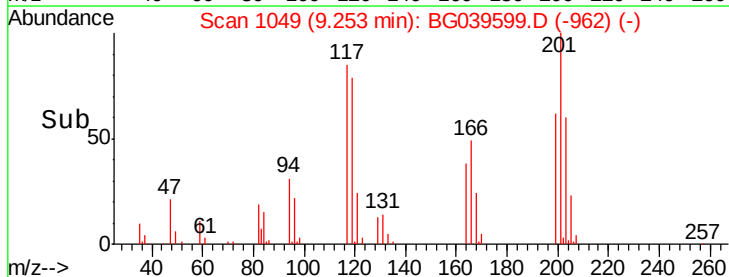
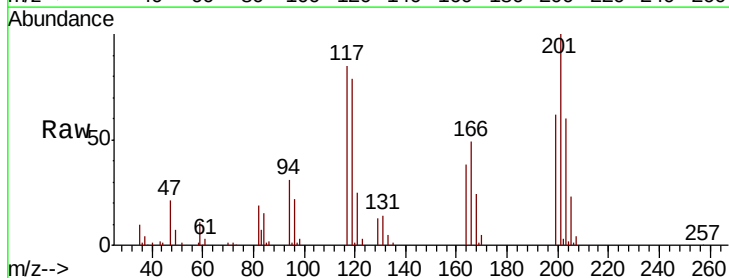
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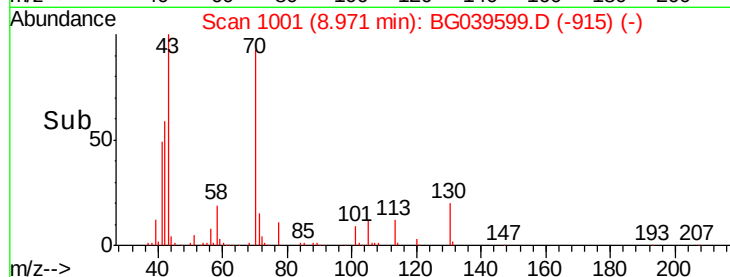
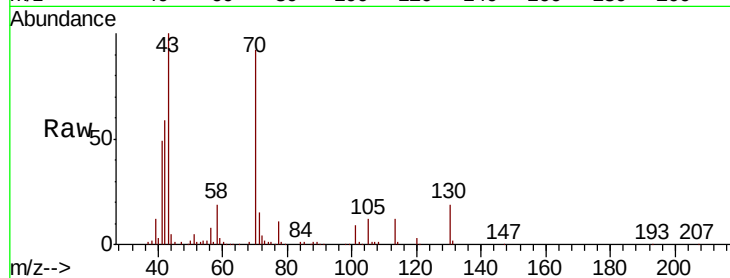
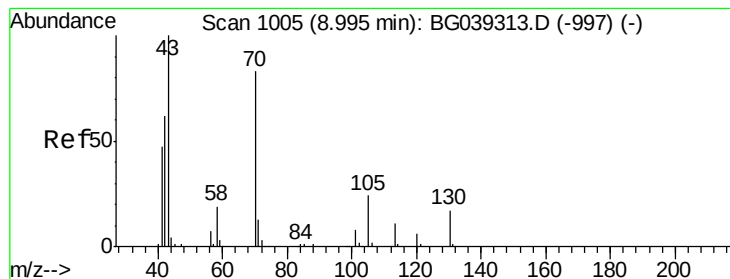
Sohil
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#18
Hexachloroethane
Concen: 41.209 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	76.3	114.5	
201	117.7	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 36.810 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.5	60.4	90.6	
101	9.8	7.5	11.3	
130	21.0	16.9	25.3	

Instrument :

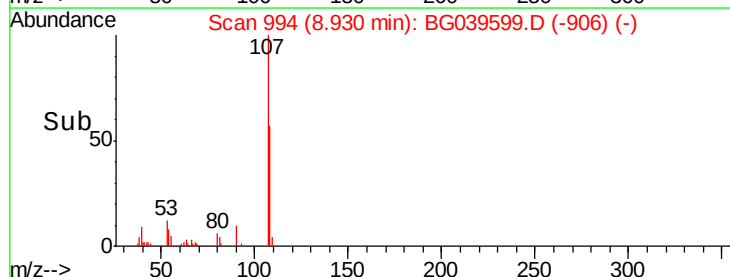
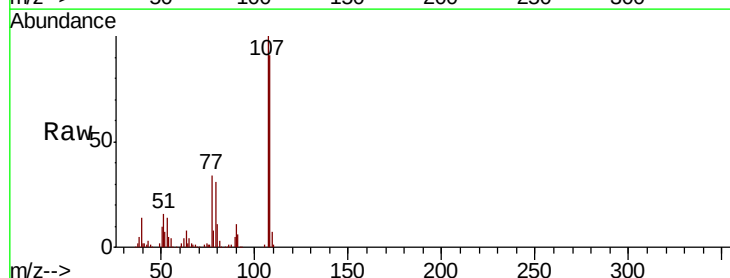
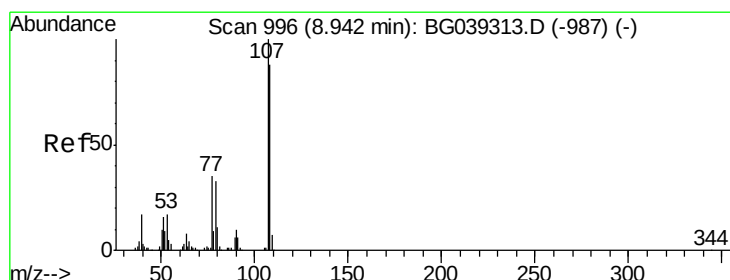
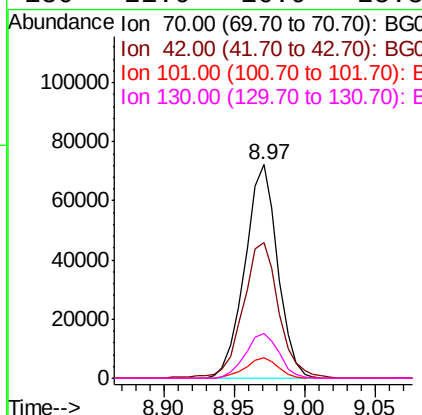
BNA_G

ClientSampleId :

PB117390BS

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#20

3+4-Methylphenols

Concen: 44.164 ng

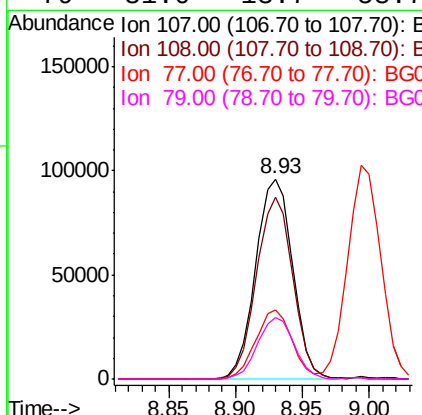
RT: 8.93 min Scan# 994

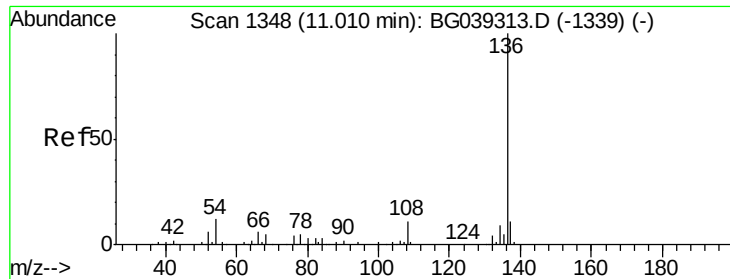
Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	67.9	107.9	
77	34.4	15.4	55.4	
79	31.0	13.7	53.7	





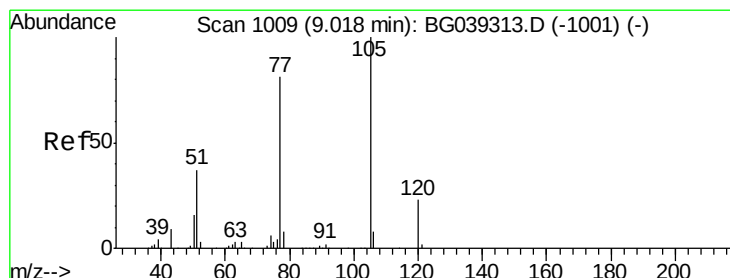
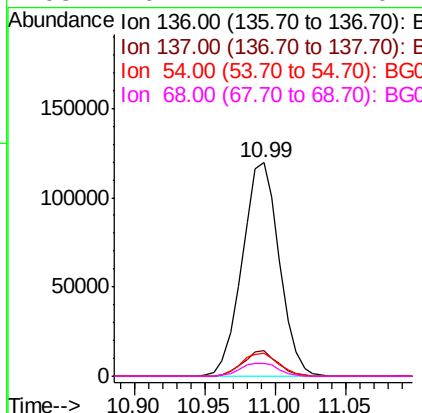
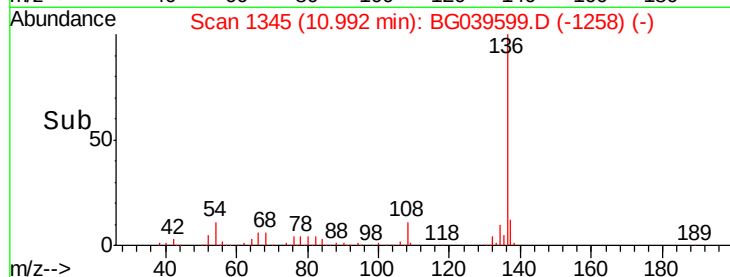
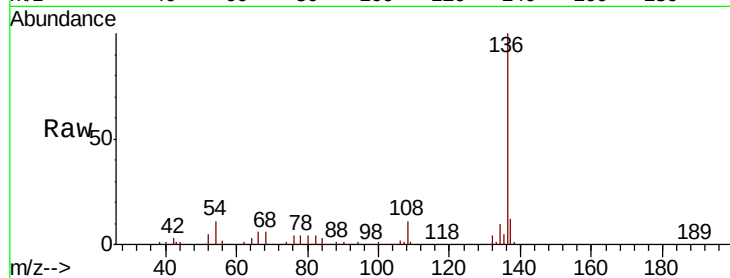
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	219256		
137	12.0		9.1	13.7
54	11.1		9.4	14.2
68	6.2		4.2	6.4

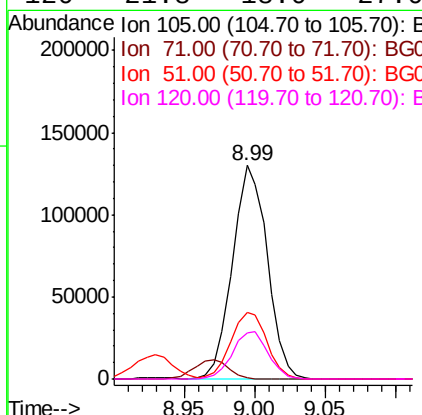
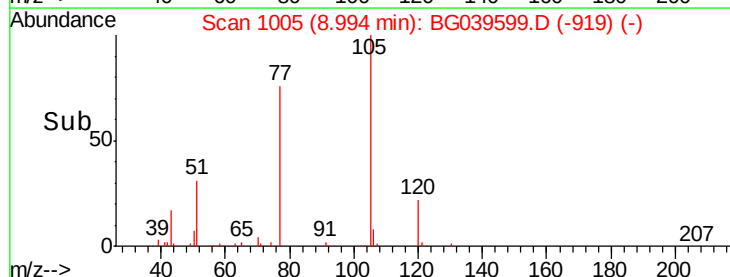
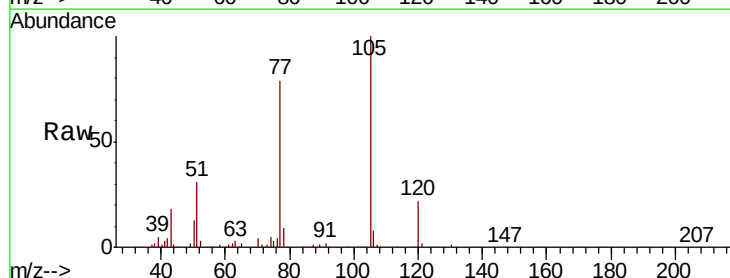
Manual Integrations
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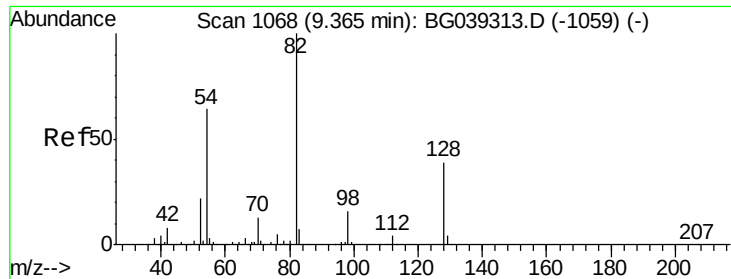
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#22
Acetophenone
Concen: 38.004 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223829		
71	0.8		0.8	1.2
51	31.3		30.2	45.2
120	21.8		18.0	27.0





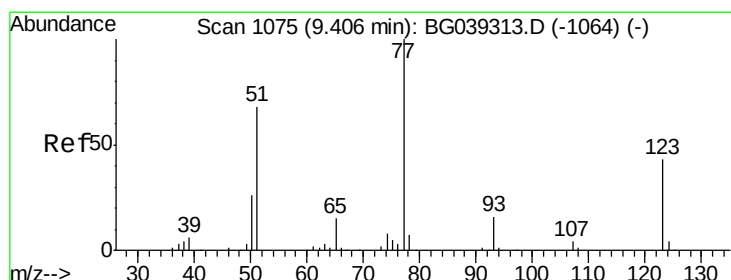
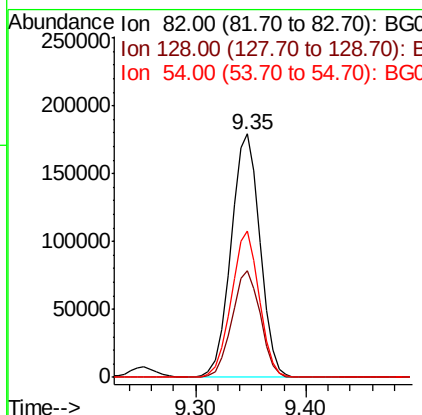
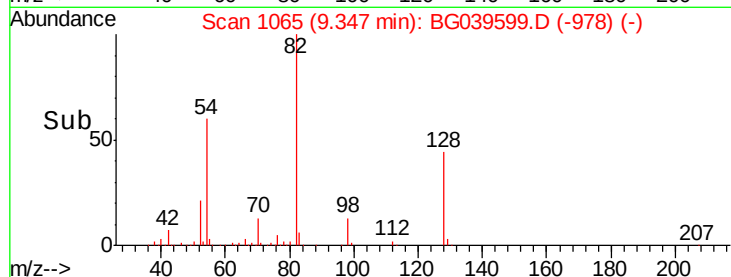
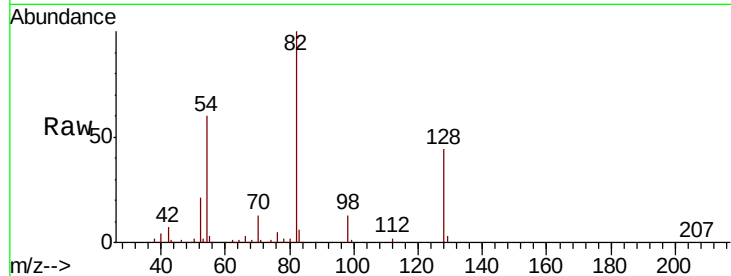
#23
Nitrobenzene-d5
Concen: 93.835 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	31.3	46.9	
54	60.3	50.9	76.3	

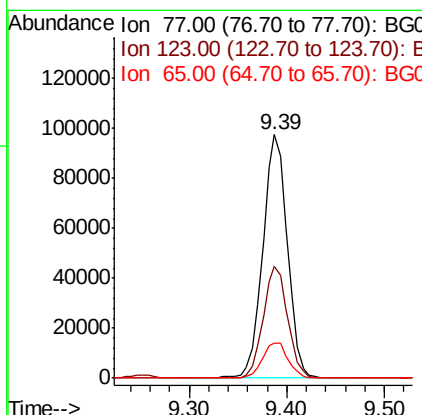
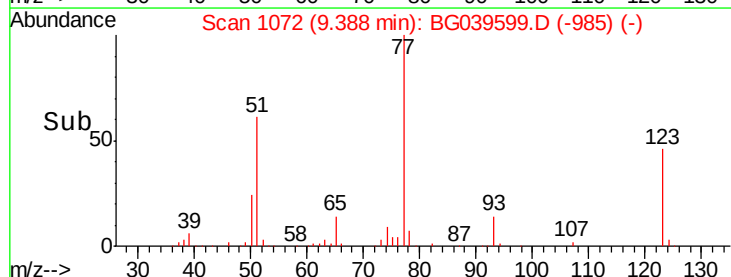
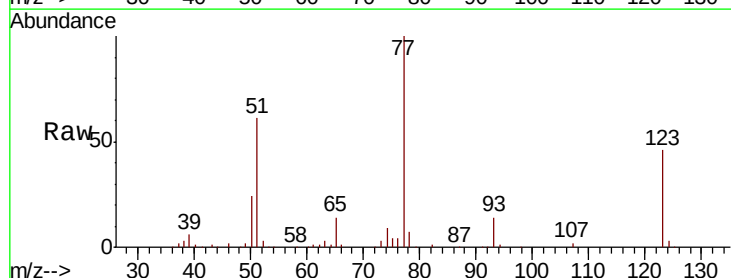
Manual Integrations
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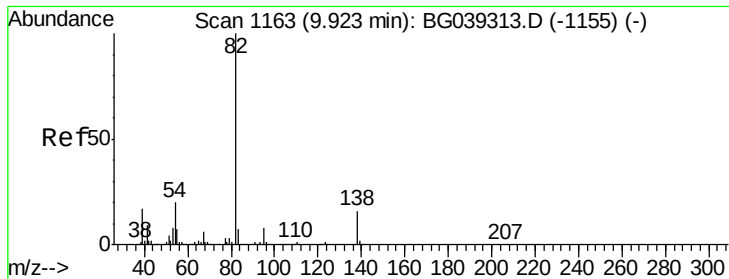
Sohil
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#24
Nitrobenzene
Concen: 45.503 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.8	34.1	51.1	
65	14.3	12.3	18.5	





#25

Isophorone

Concen: 42.047 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

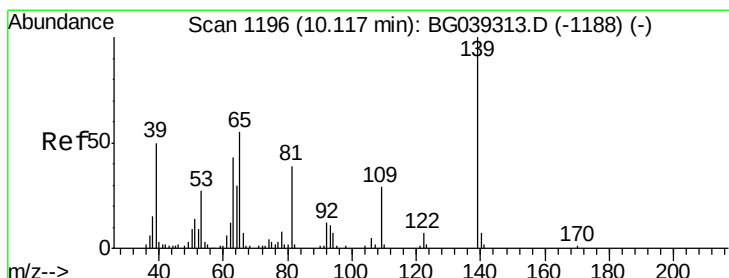
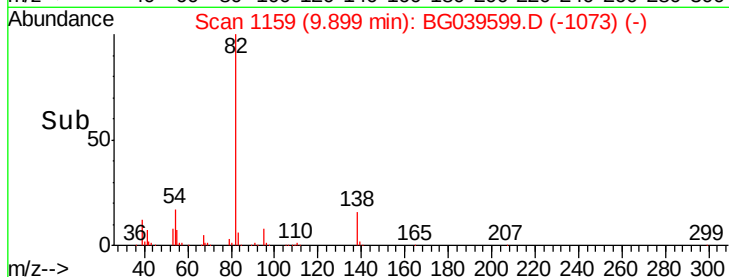
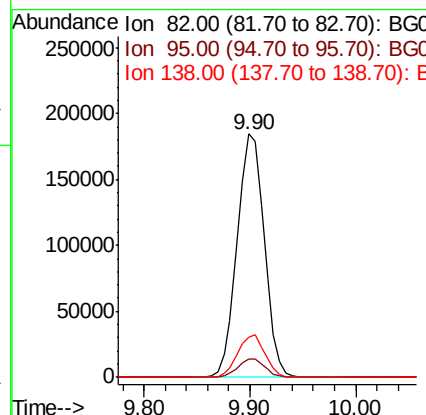
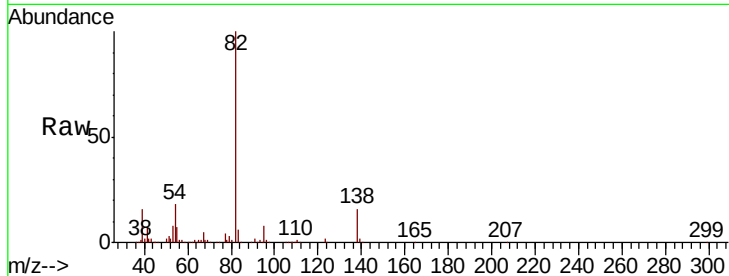
ClientSampleId :

PB117390BS

Tot Ion:	82	Resp:	327016
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	16.3	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.834 ng

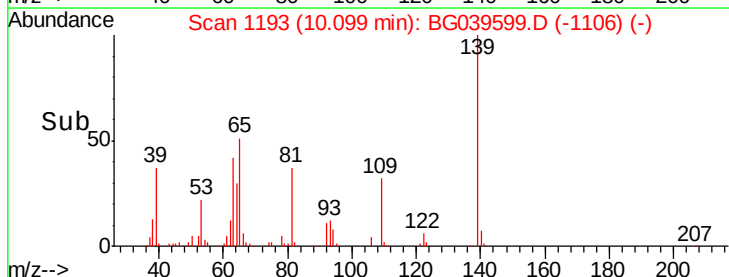
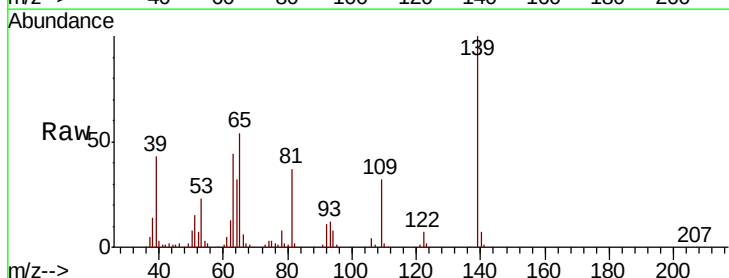
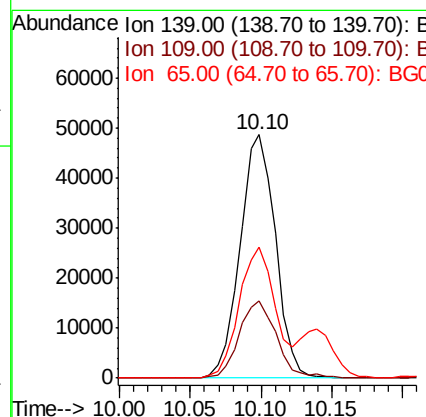
RT: 10.10 min Scan# 1193

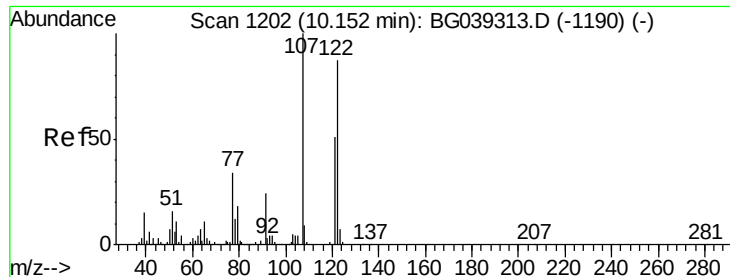
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	139	Resp:	85223
Ion Ratio	Lower	Upper	
139	100		
109	31.8	23.4	35.0
65	53.8	44.3	66.5





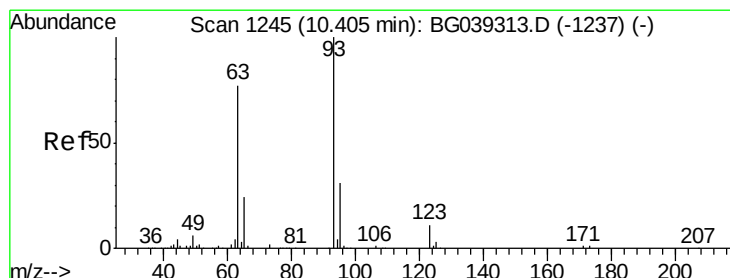
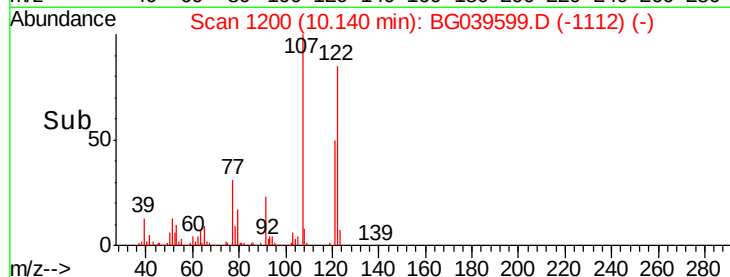
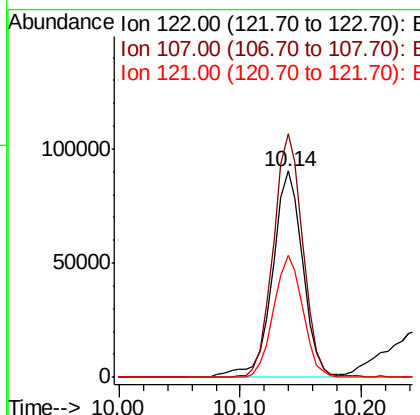
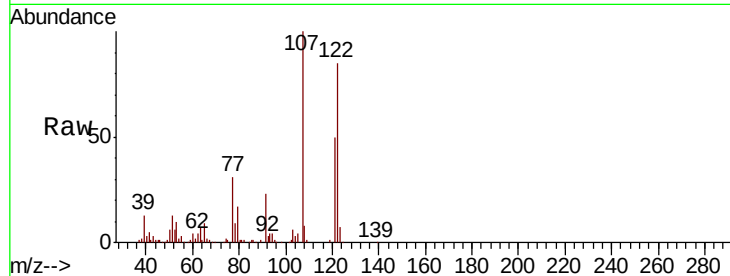
#27
2,4-Dimethylphenol
Concen: 49.863 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampled :
PB117390BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	59.2	46.4	69.6

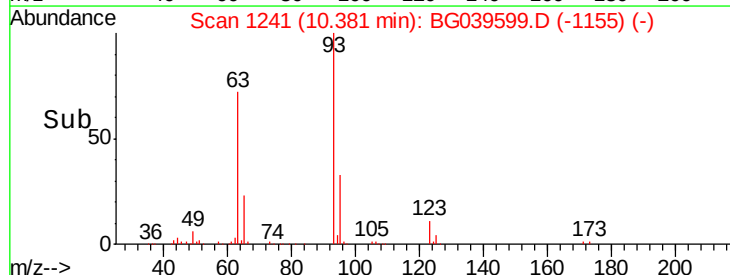
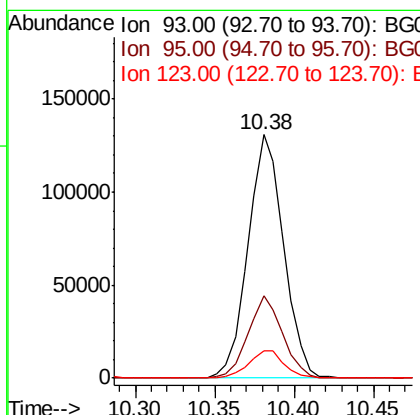
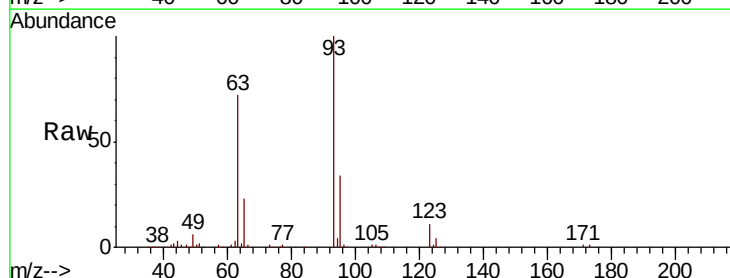
Manual Integrations
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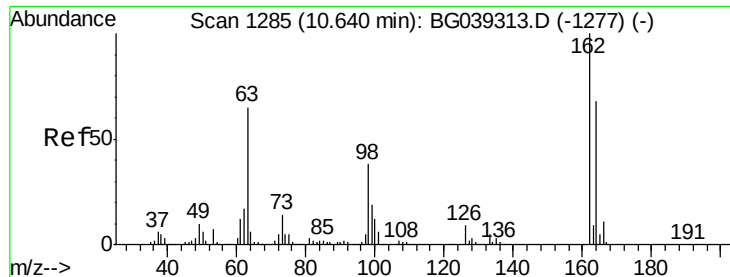
Sohil
2/27/2019 4:21:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.592 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.0	37.4
123	11.4	8.6	12.8





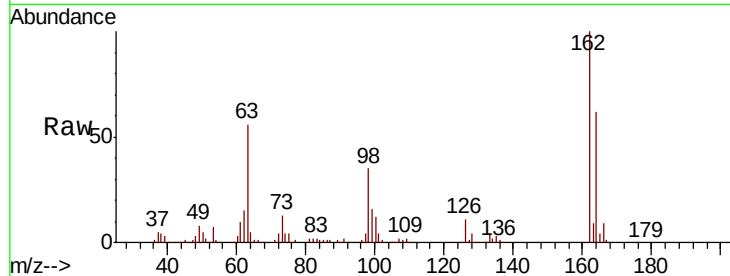
#29
2,4-Dichlorophenol
Concen: 48.319 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	48.1	88.1
98	34.7	18.1	58.1

Manual Integrations
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2/27/2019 4:21:42 PM

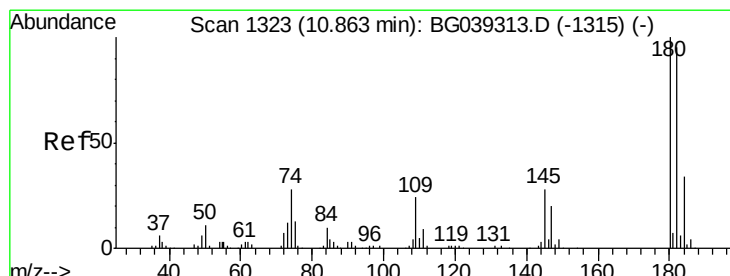
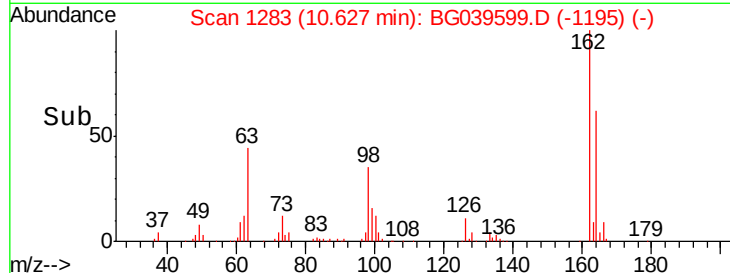
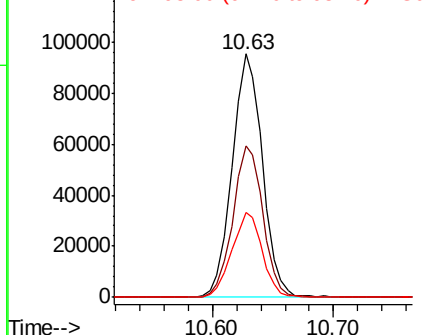


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 42.372 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

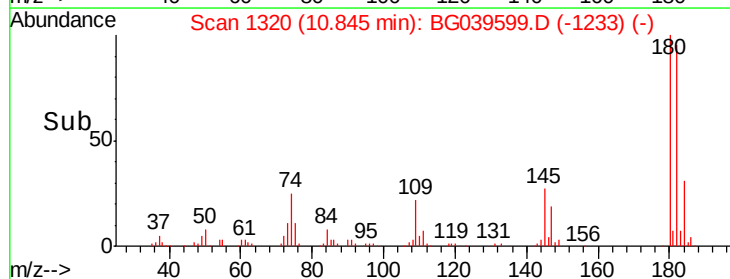
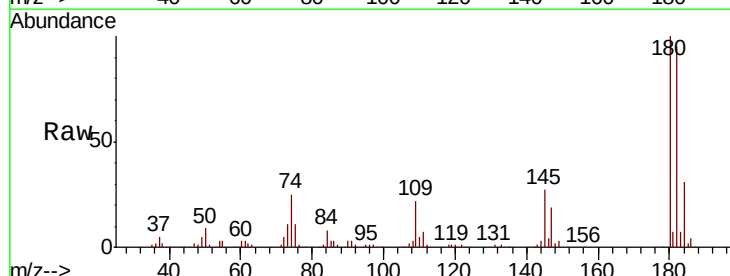
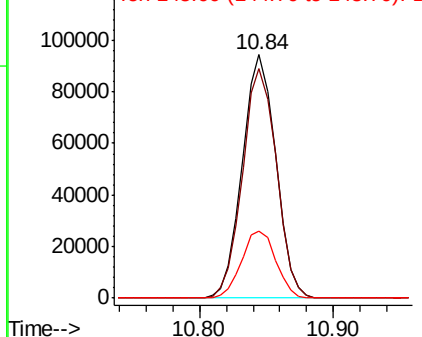
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	27.3	22.7	34.1

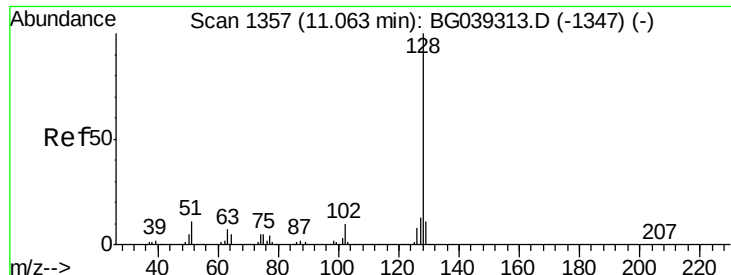
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





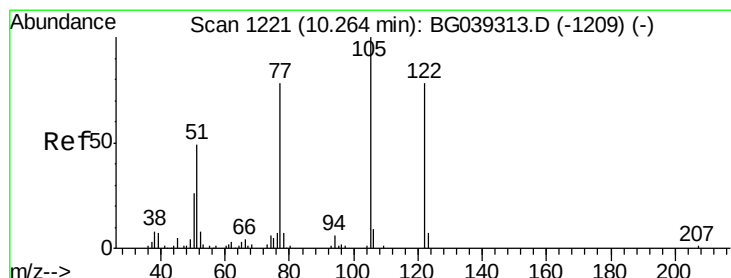
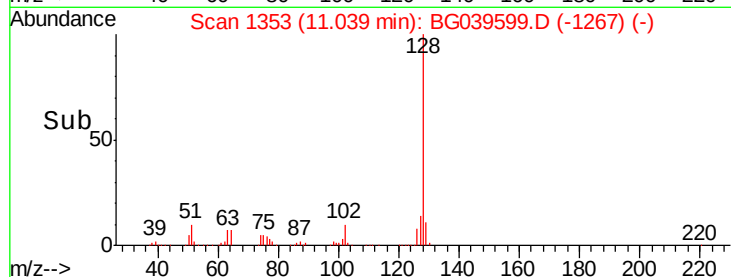
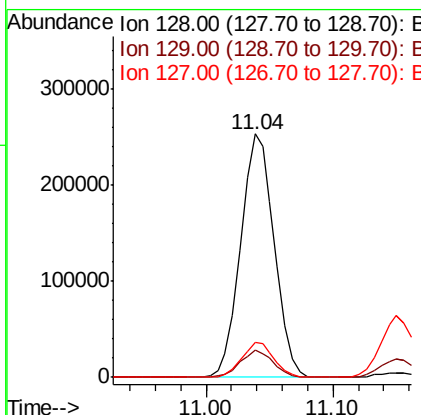
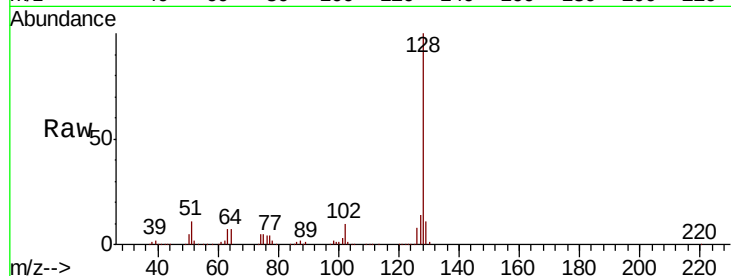
#31
Naphthalene
Concen: 42.446 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	14.4	10.8	16.2

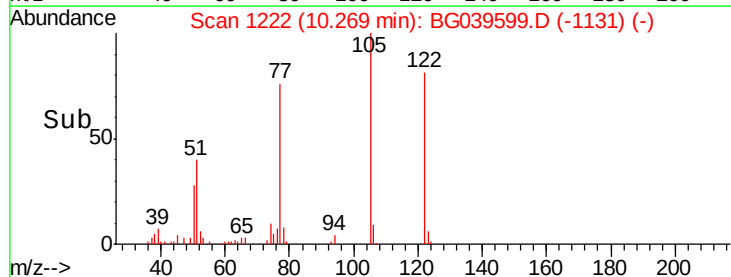
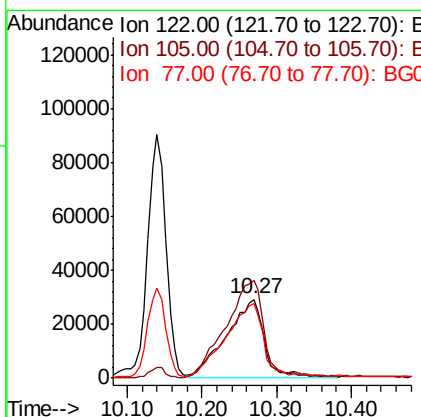
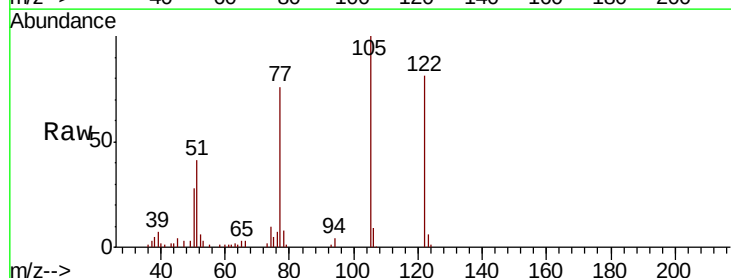
Manual Integrations
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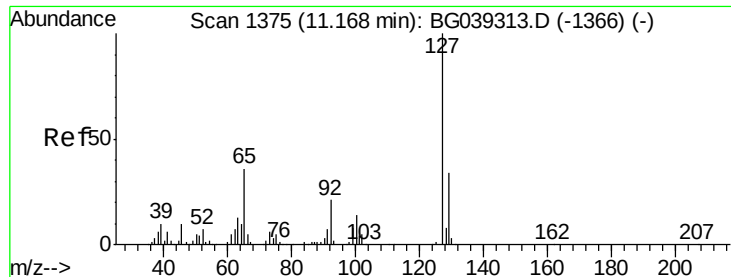
Sohil
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#32
Benzoic acid
Concen: 49.987 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	101.8	141.8
77	94.6	76.3	116.3





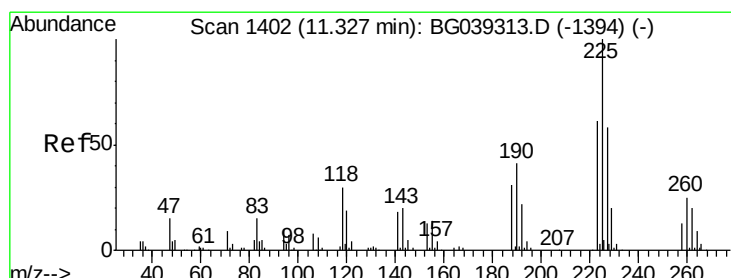
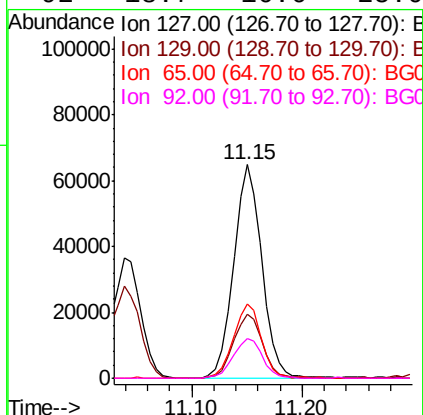
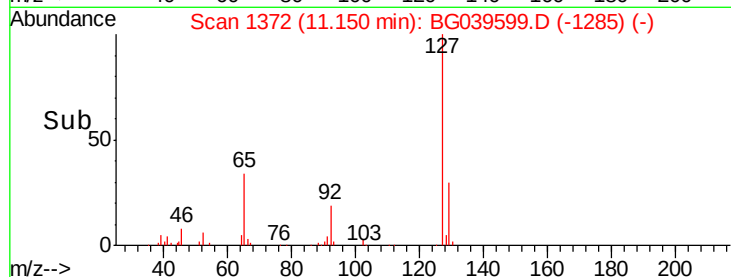
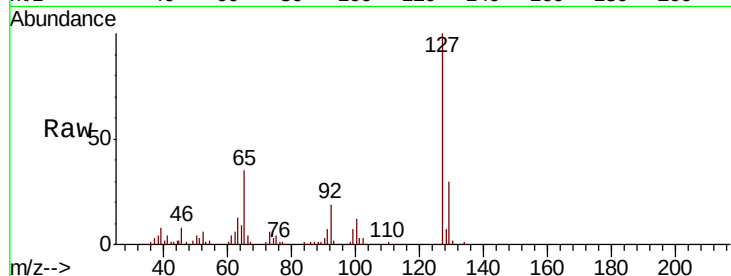
#33
4-Chloroaniline
Concen: 23.070 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampled :
PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.1	27.0	40.4	
65	34.6	28.8	43.2	
92	18.7	16.6	25.0	

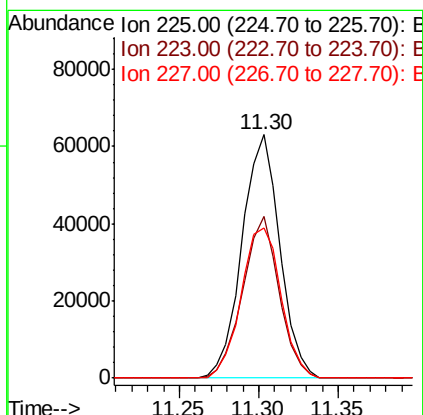
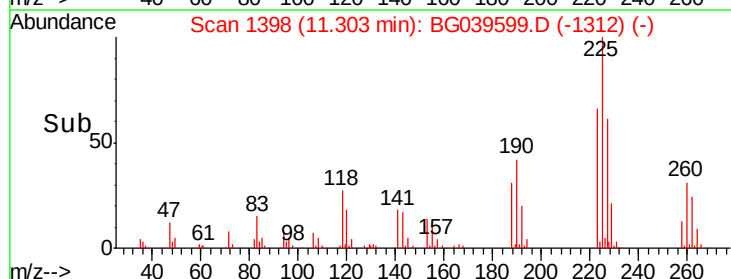
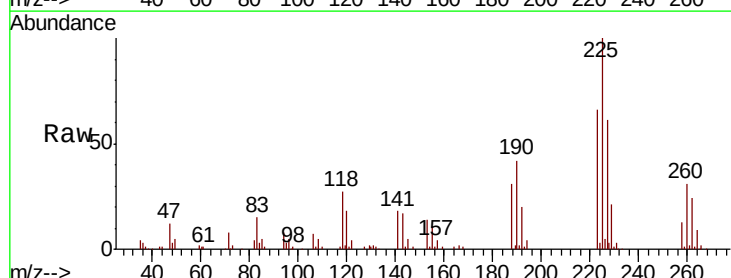
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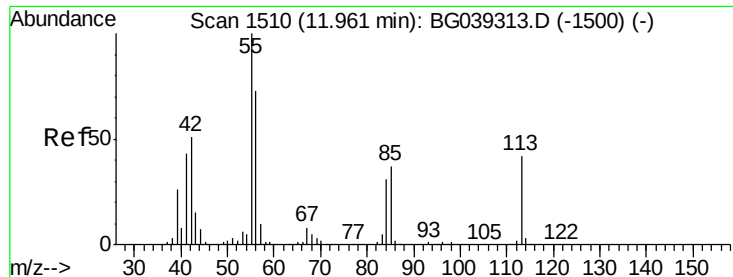
Sohil
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#34
Hexachlorobutadiene
Concen: 40.646 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.4	49.0	73.6	
227	61.5	46.3	69.5	





#35

Caprolactam

Concen: 39.077 ng/mL

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

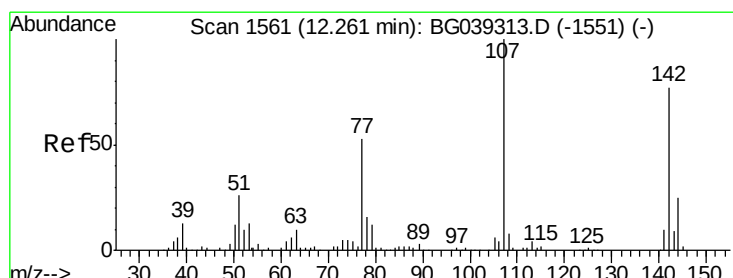
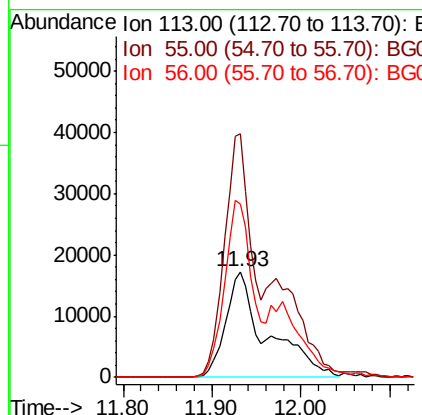
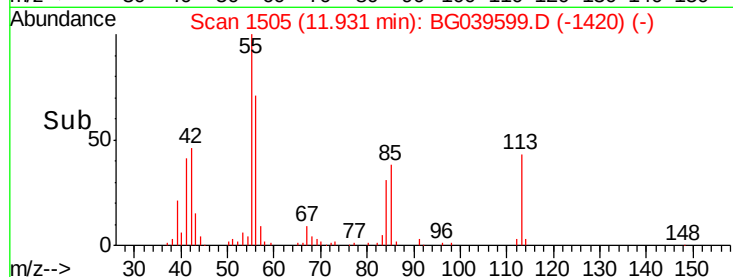
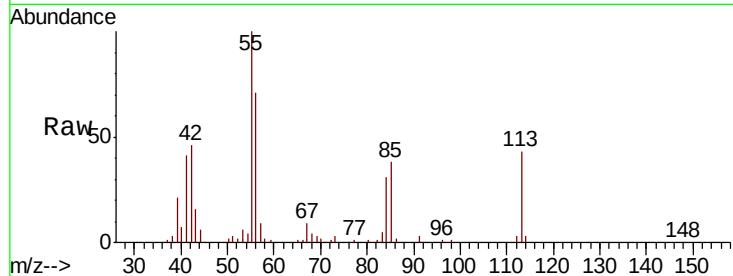
ClientSampled :

PB117390BS

Tot Ion:	113	Resp:	55603
Ion Ratio	Lower	Upper	
113	100		
55	230.3	216.9	256.9
56	163.7	152.6	192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.428 ng/mL

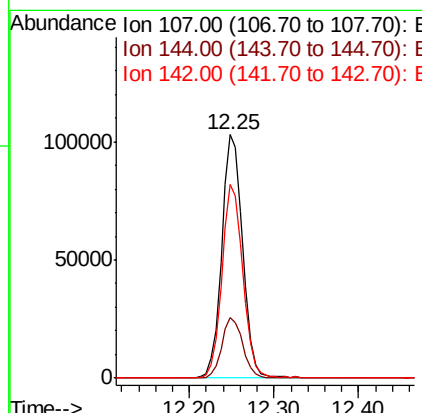
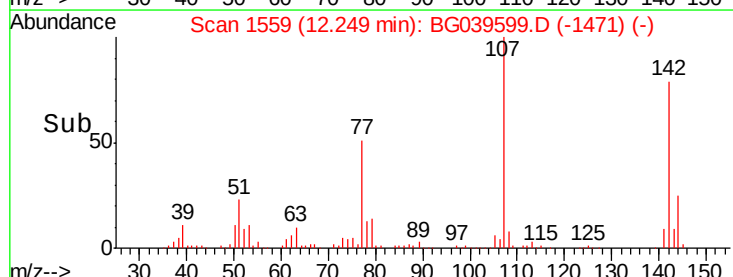
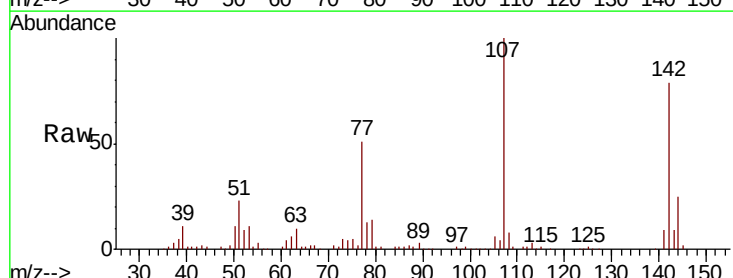
RT: 12.25 min Scan# 1559

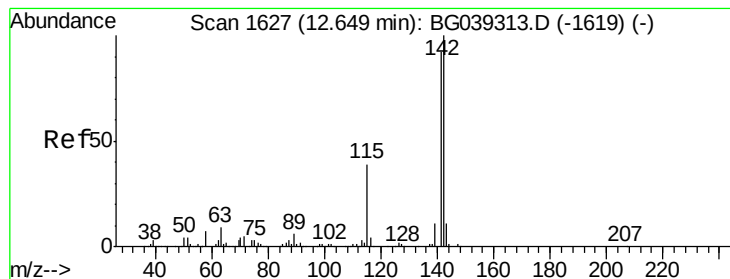
Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	107	Resp:	176677
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.2	30.2
142	79.4	61.4	92.2





#37

2-Methylnaphthalene

Concen: 43.762 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

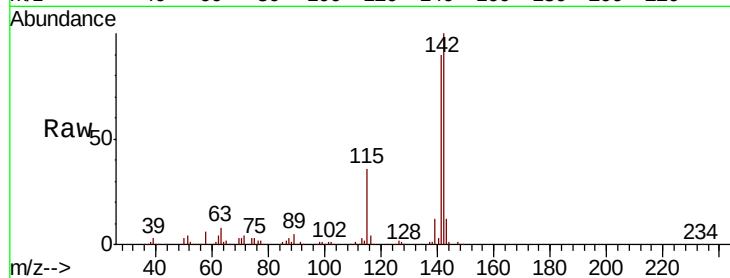
ClientSampleId :

PB117390BS

Tot Ion:	142	Resp:	352559
Ion Ratio	Lower	Upper	
142	100		
141	89.8	73.5	110.3
115	36.5	30.8	46.2

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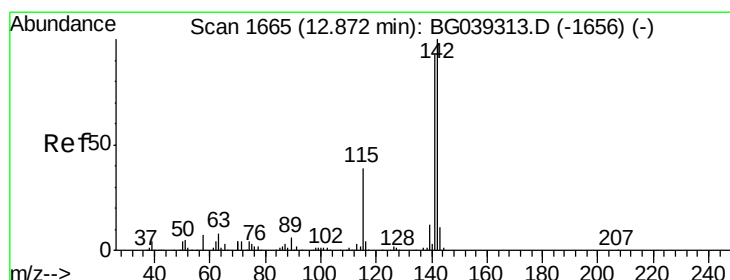
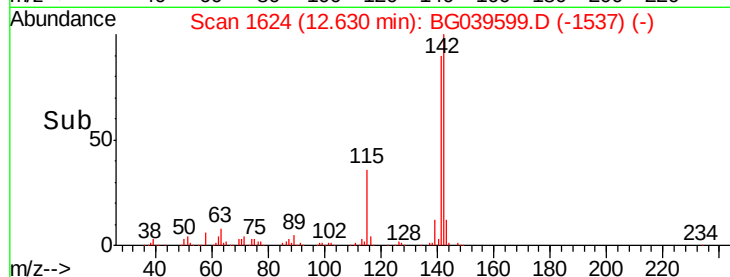
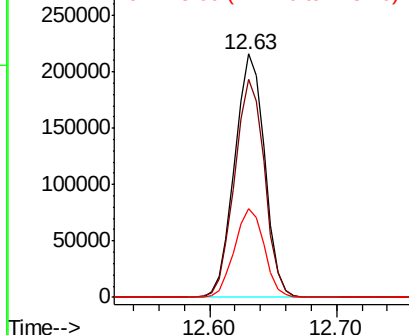


Abundance

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: 43.071 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

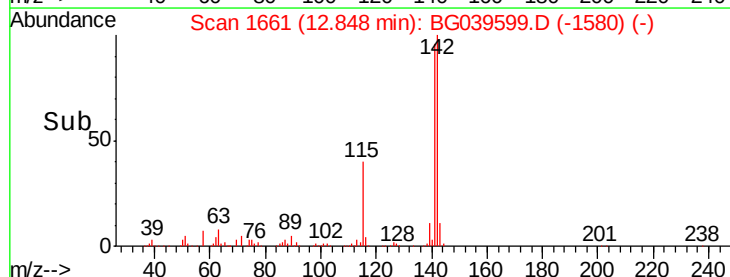
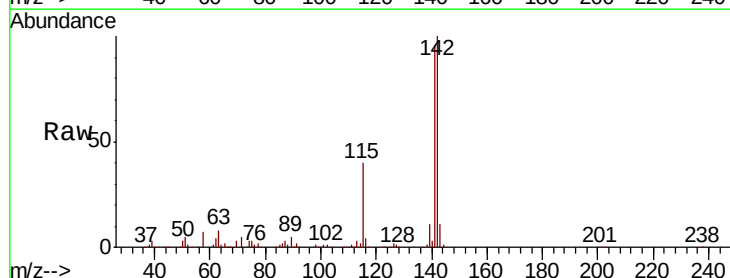
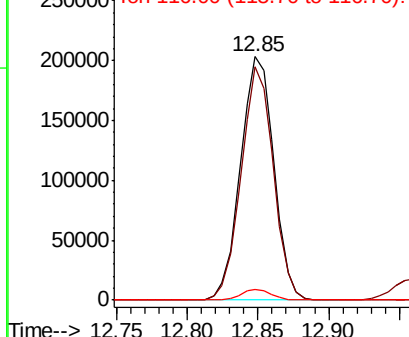
Tgt Ion:	142	Resp:	334481
Ion Ratio	Lower	Upper	
142	100		
141	95.9	74.2	111.4
116	4.2	3.0	4.6

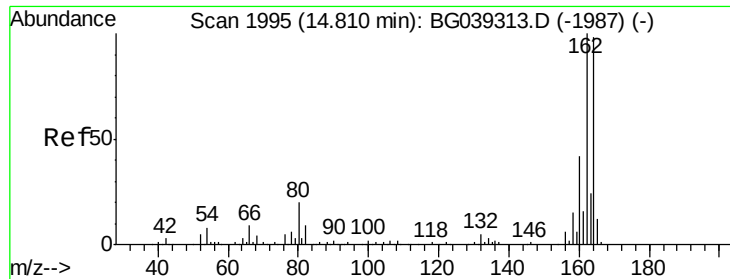
Abundance

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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

ClientSampleId :

PB117390BS

Tot Ion:164 Resp: 147079

Ion Ratio Lower Upper

164 100

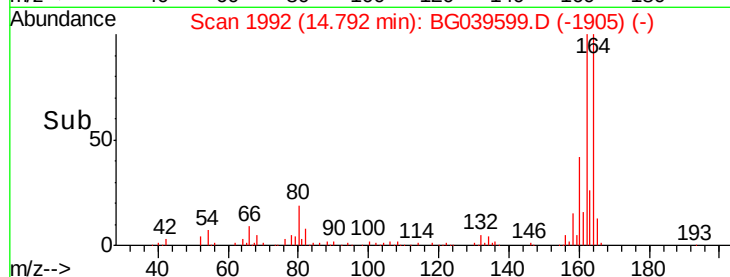
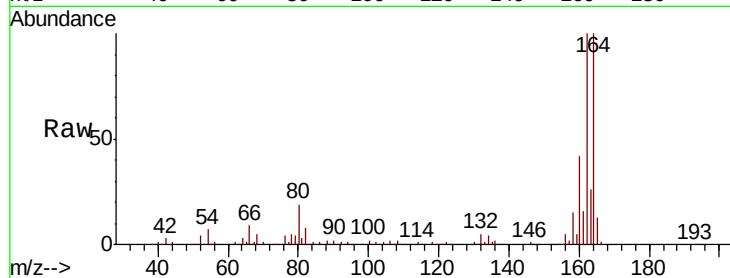
162 99.9 81.6 122.4

160 42.0 34.2 51.2

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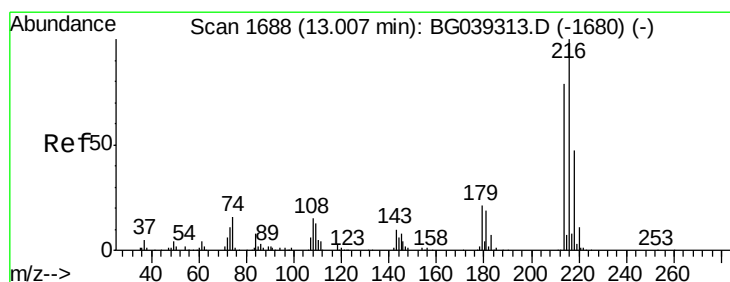
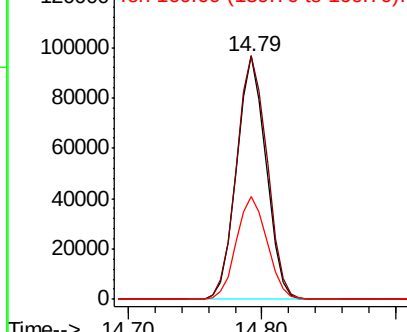


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.107 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:216 Resp: 192364

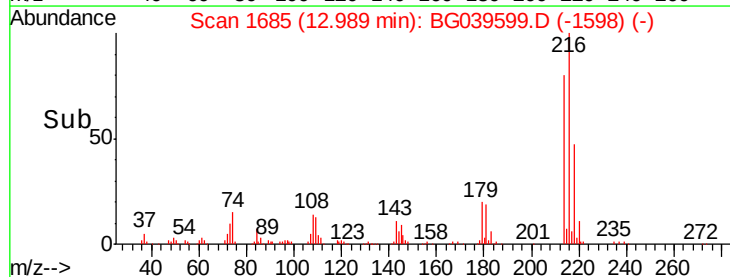
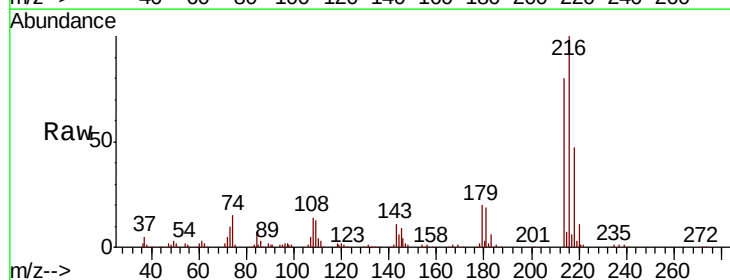
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.0 16.6 25.0

108 18.0 14.0 21.0



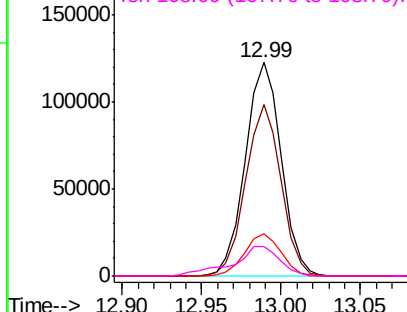
Abundance

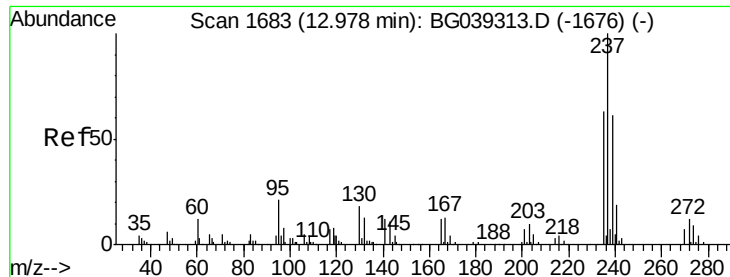
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





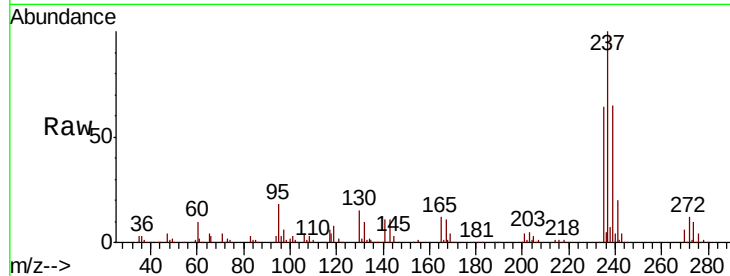
#41
Hexachlorocyclopentadiene
Concen: 99.443 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	43.3	83.3
272	12.2	0.0	32.3

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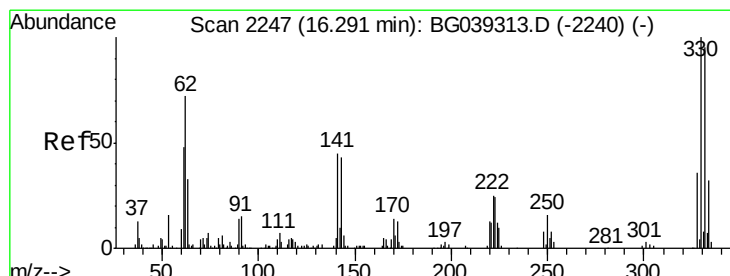
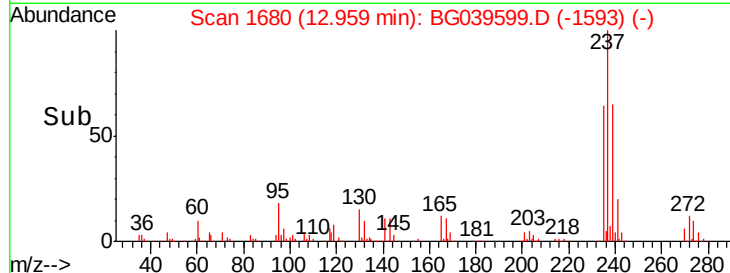
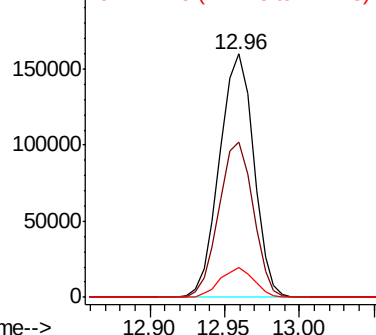


Abundance

Ion 236.80 (236.50 to 237.50): E

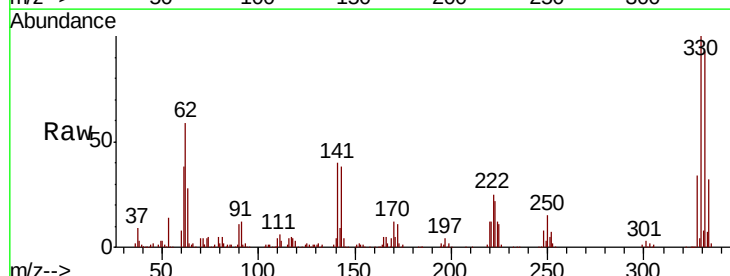
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 167.844 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	75.7	113.5
141	41.1	35.6	53.4

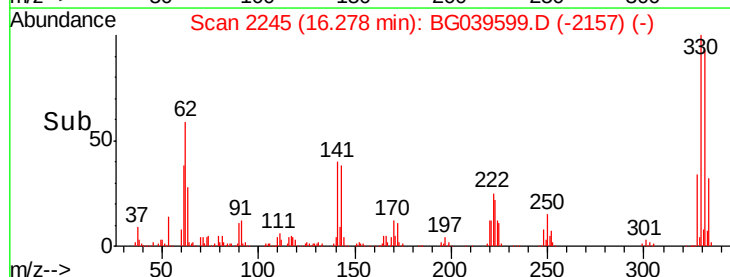
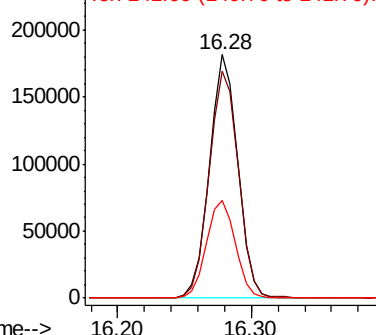


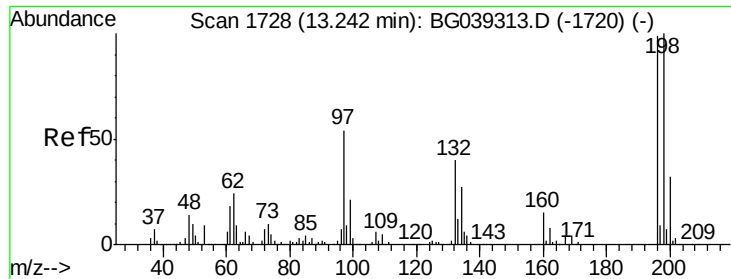
Abundance

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





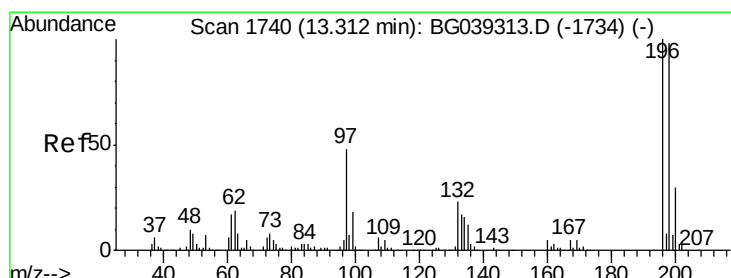
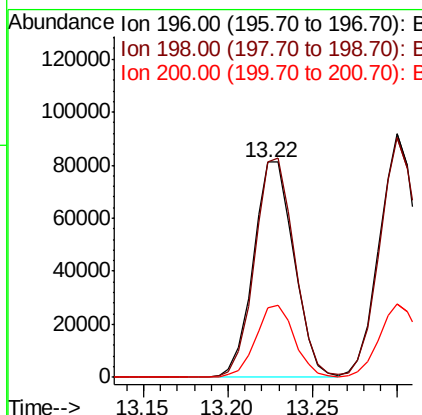
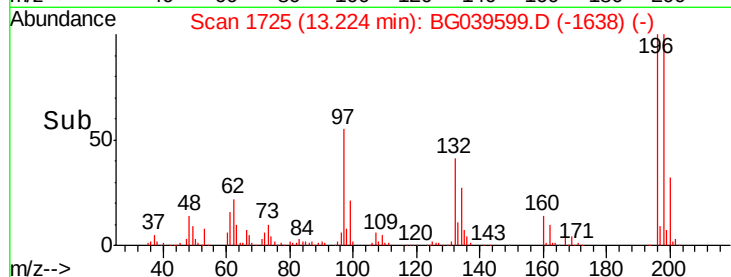
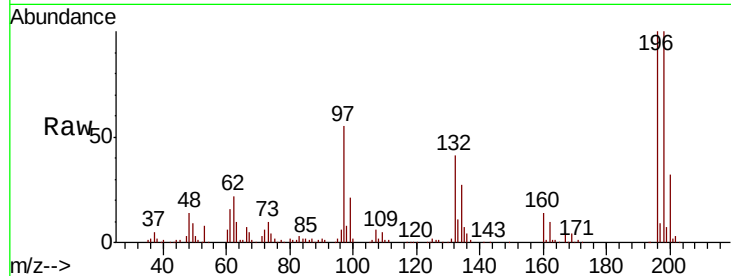
#43
2,4,6-Trichlorophenol
Concen: 46.971 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135149		
198	100.1	80.6	121.0	
200	32.2	26.1	39.1	

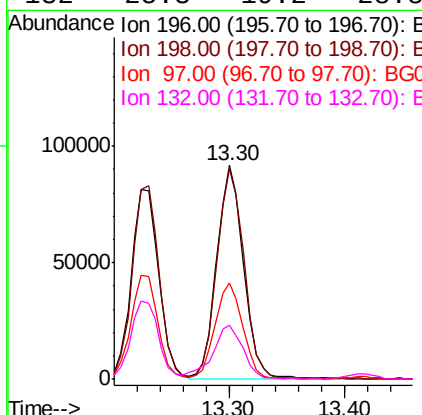
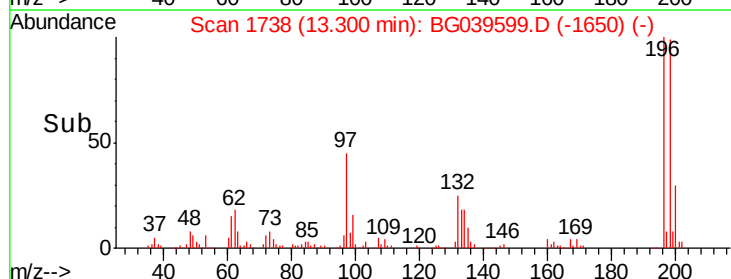
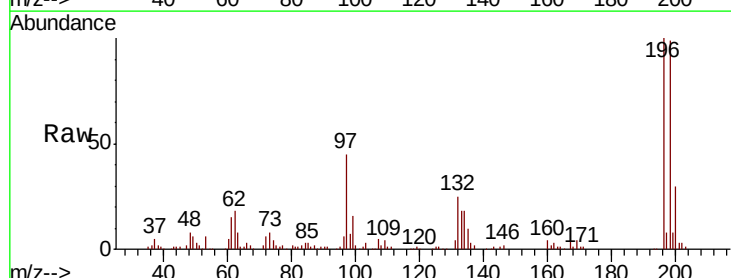
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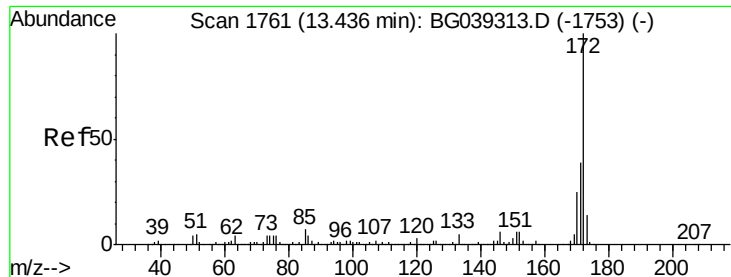
Sohil
2/27/2019 4:21:42 PM



#44
2,4,5-Trichlorophenol
Concen: 48.520 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146317		
198	98.5	78.5	117.7	
97	45.3	38.4	57.6	
132	25.3	19.2	28.8	





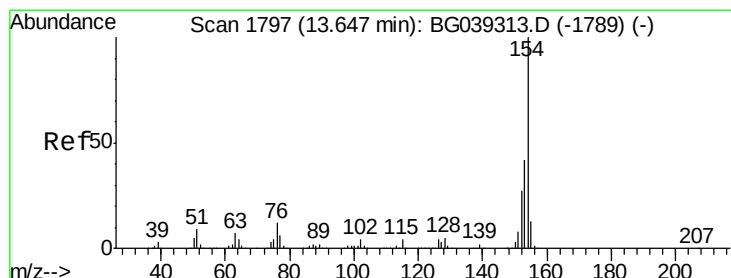
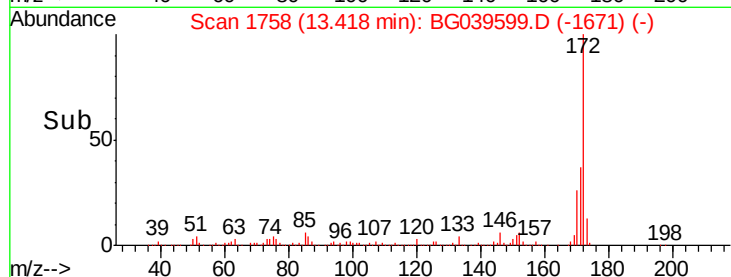
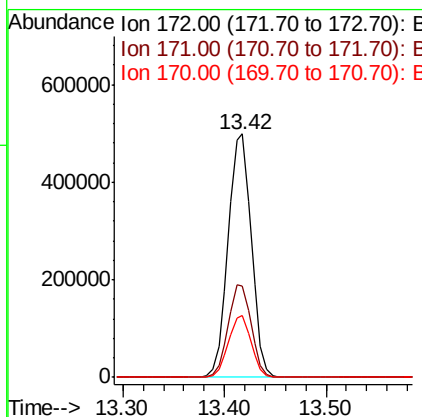
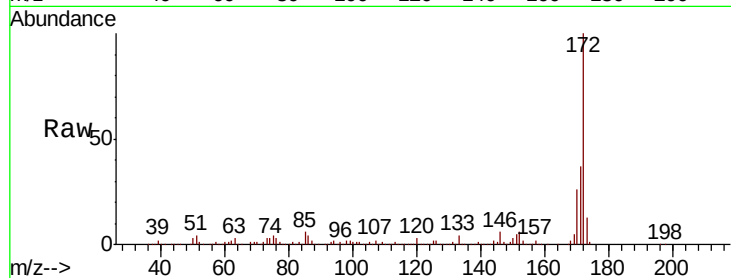
#45
2-Fluorobiphenyl
Concen: 77.145 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.5	20.2	30.4

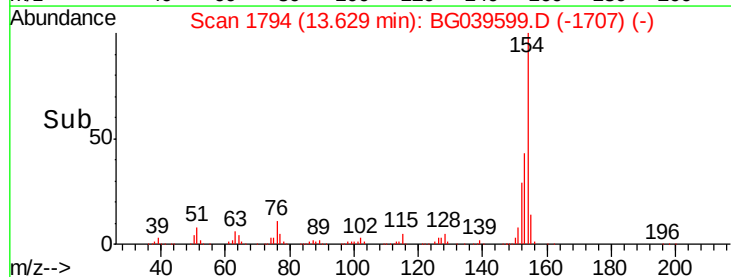
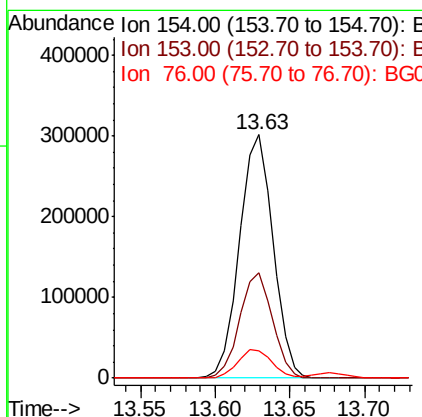
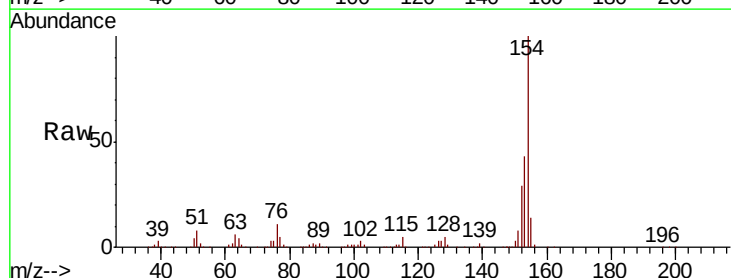
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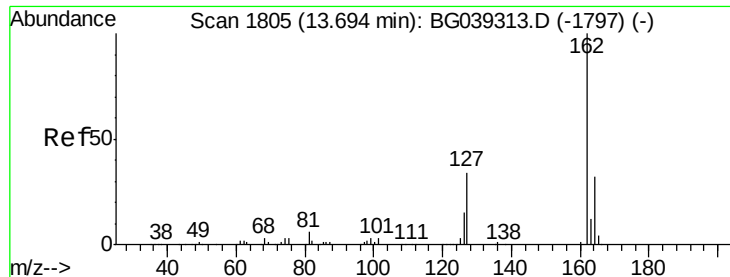
Sohil
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#46
1,1'-Biphenyl
Concen: 38.405 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	11.4	0.0	32.4





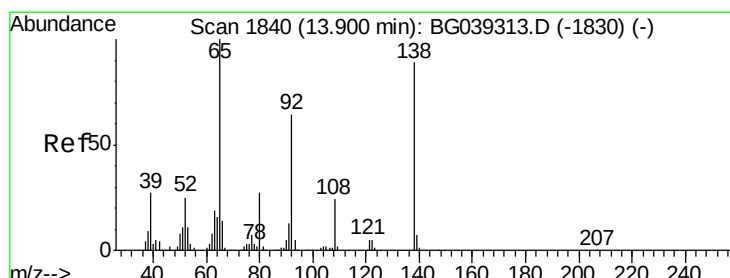
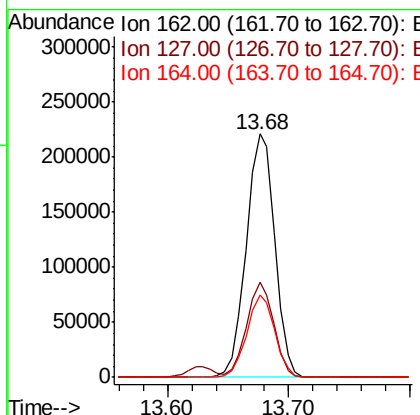
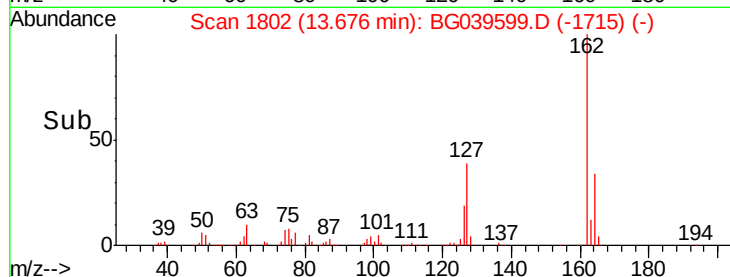
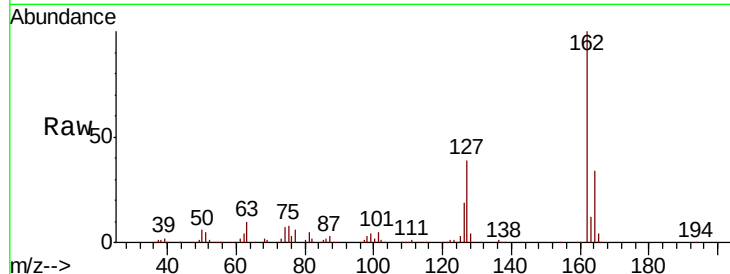
#47
2-Chloronaphthalene
Concen: 39.515 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.6
164	33.8	25.7	38.5

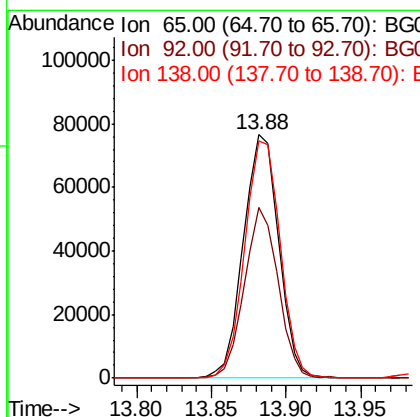
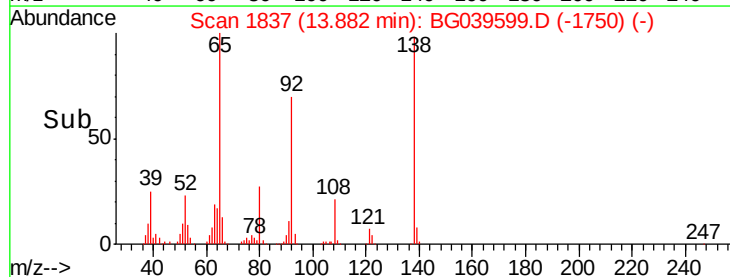
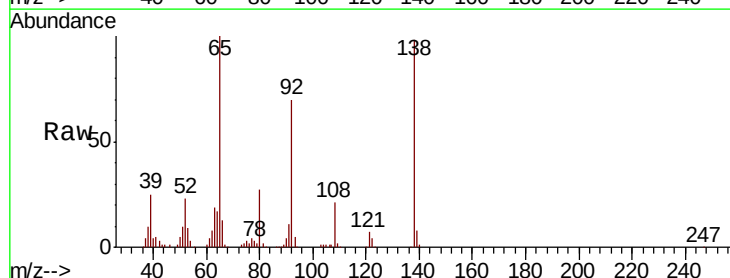
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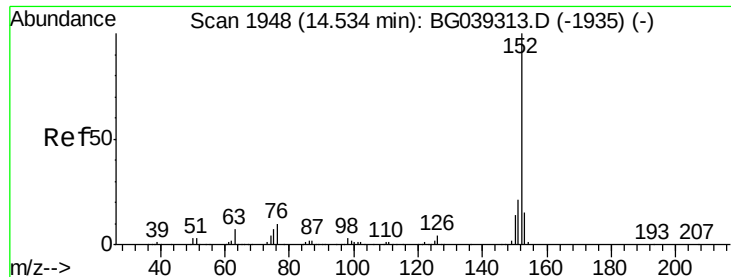
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#48
2-Nitroaniline
Concen: 47.496 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	51.4	77.2
138	97.5	71.4	107.2





#49

Acenaphthylene

Concen: 42.461 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

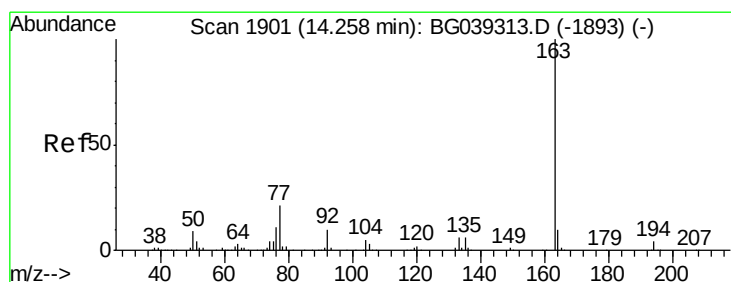
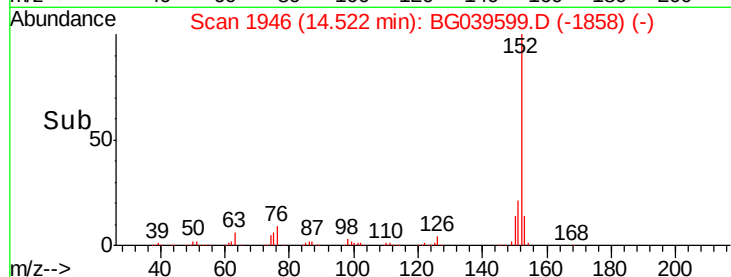
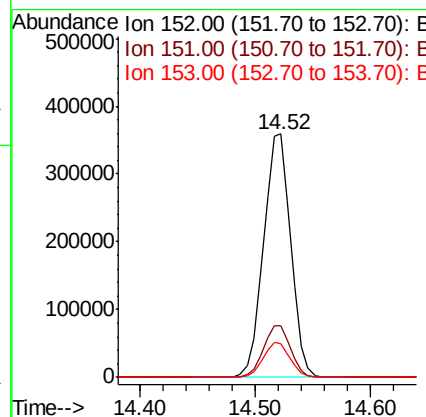
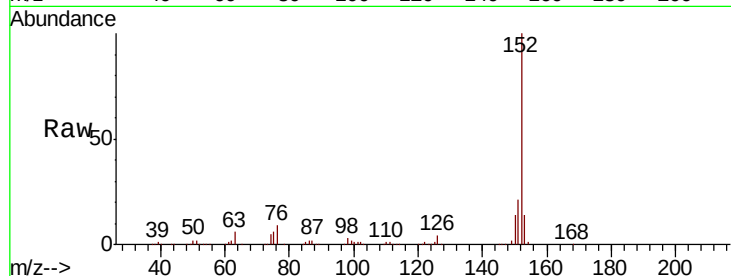
ClientSampleId :

PB117390BS

Tot Ion:	152	Resp:	589822
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	13.6	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.415 ng

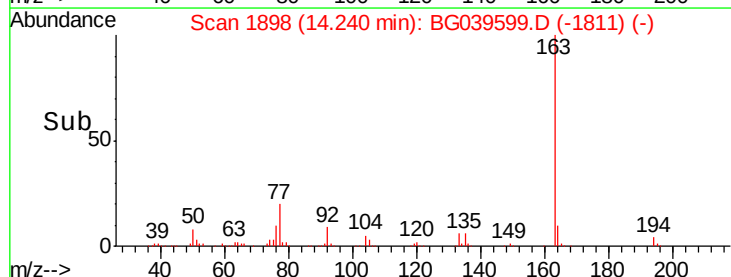
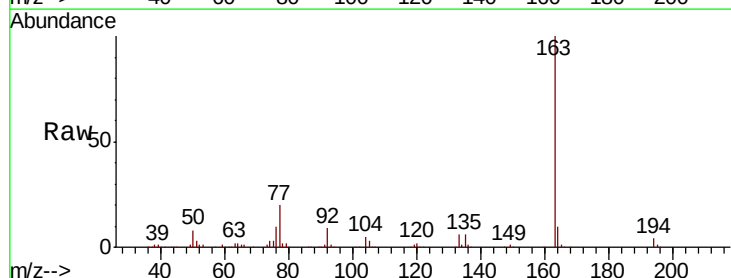
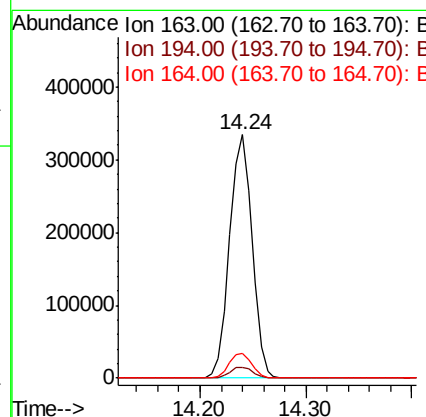
RT: 14.24 min Scan# 1898

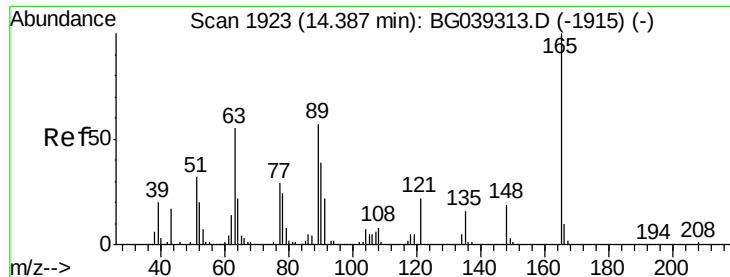
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	163	Resp:	491954
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.2	8.4	12.6





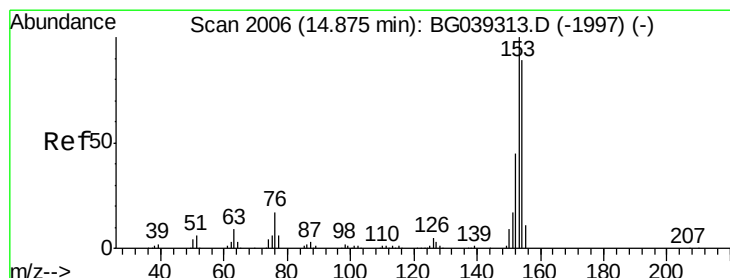
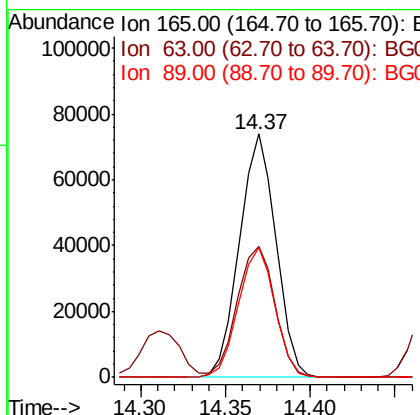
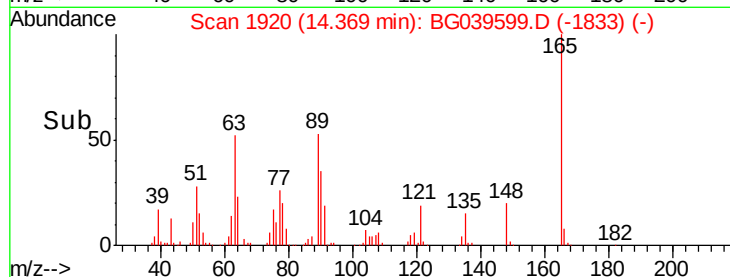
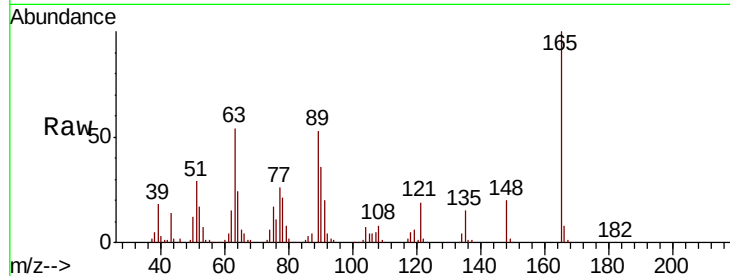
#51
 2,6-Dinitrotoluene
 Concen: 49.772 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampled :
 PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111120		
63	53.9	47.0	70.6	
89	53.4	45.8	68.8	

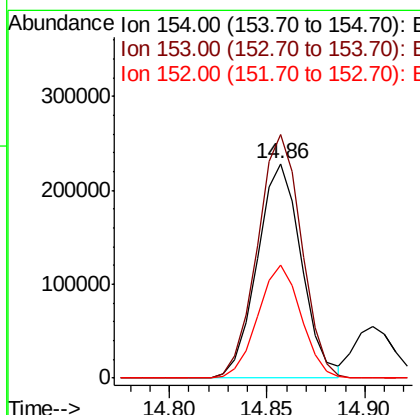
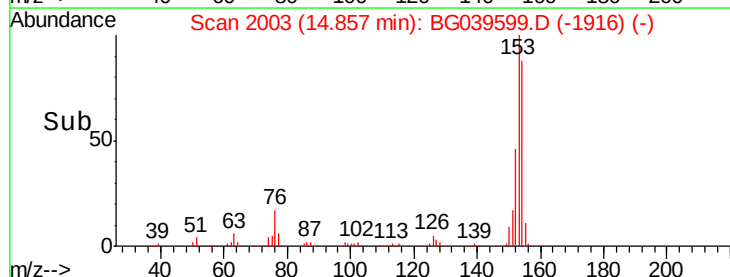
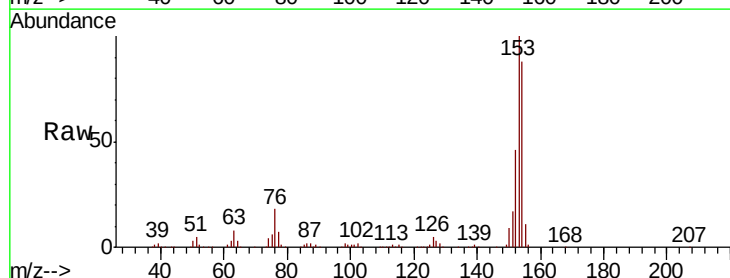
Manual Integrations
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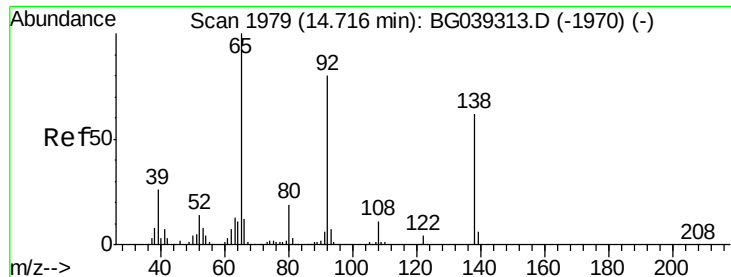
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#52
 Acenaphthene
 Concen: 39.722 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	358169		
153	113.4	90.1	135.1	
152	52.7	40.9	61.3	





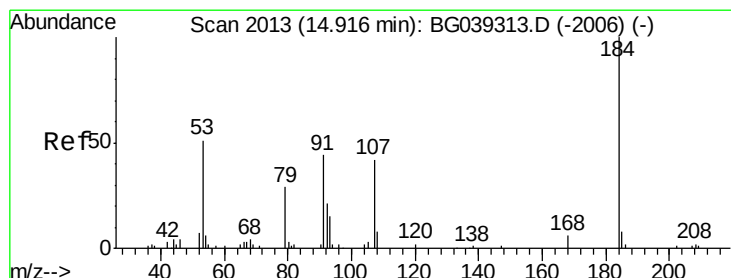
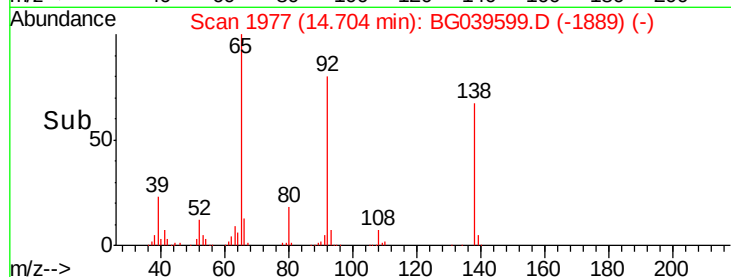
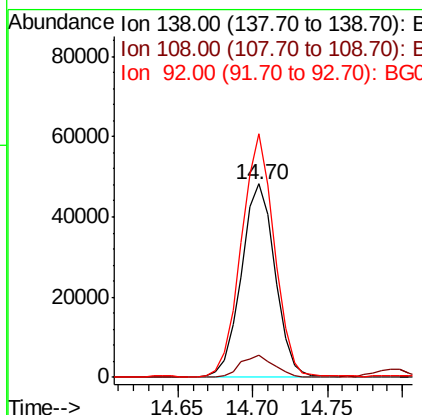
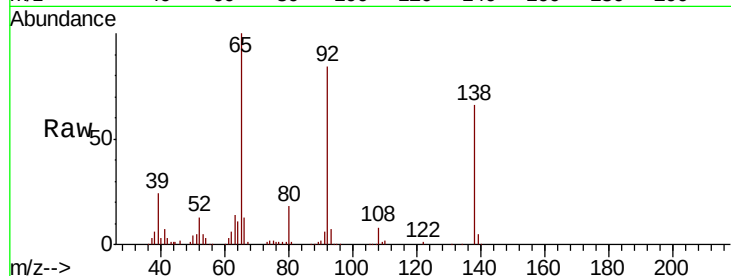
#53
 3-Nitroaniline
 Concen: 33.443 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117390BS

Tot Ion:138 Resp: 75327
 Ion Ratio Lower Upper
 138 100
 108 11.4 13.8 20.8#
 92 125.9 103.7 155.5

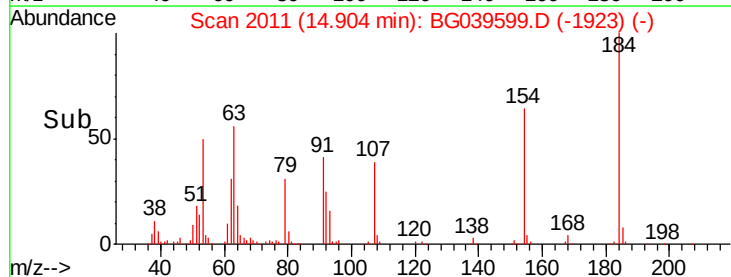
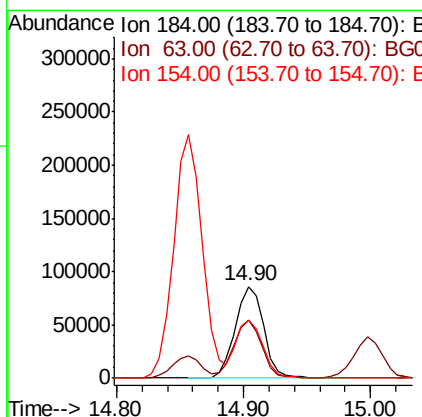
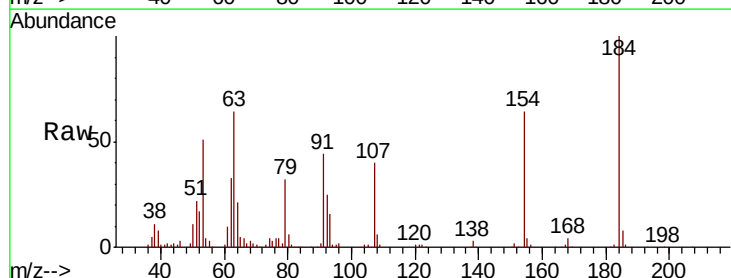
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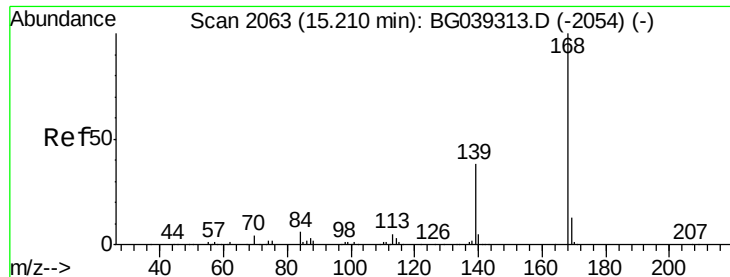
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#54
 2,4-Dinitrophenol
 Concen: 112.711 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion:184 Resp: 132783
 Ion Ratio Lower Upper
 184 100
 63 63.7 50.9 76.3
 154 64.1 53.0 79.6





#55

Dibenzofuran

Concen: 40.491 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

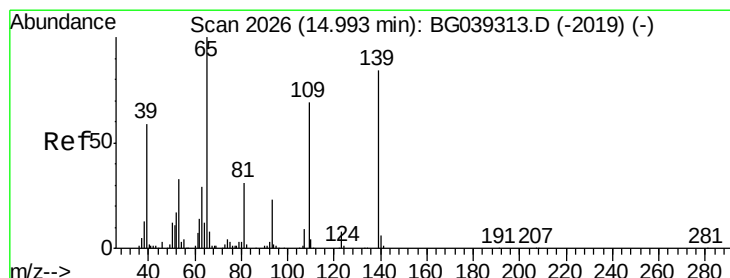
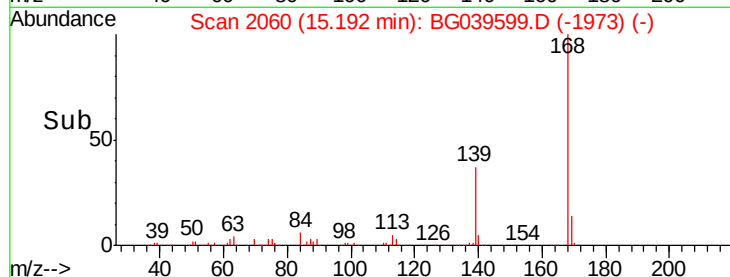
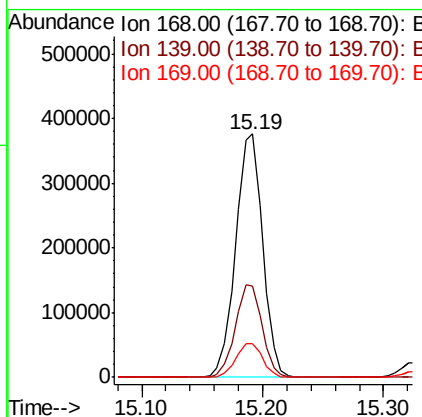
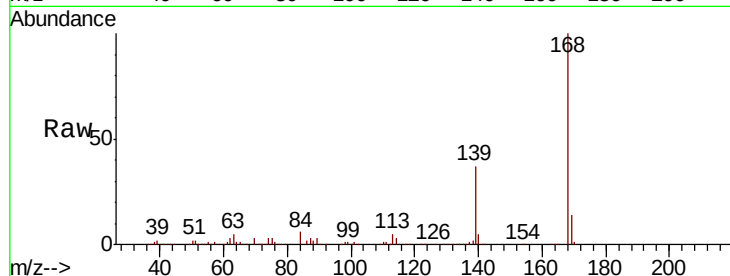
ClientSampled :

PB117390BS

Tot Ion:	168	Resp:	585378
Ion Ratio	Lower	Upper	
168	100		
139	37.4	30.1	45.1
169	13.6	10.6	16.0

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#56

4-Nitrophenol

Concen: 94.461 ng

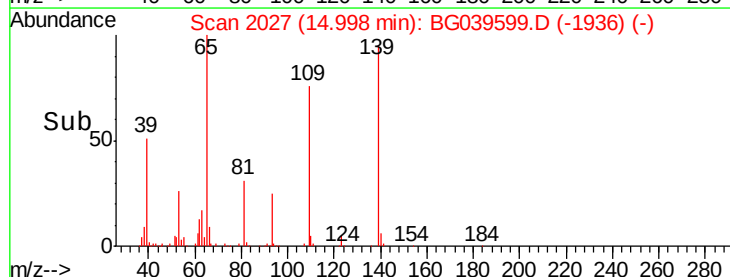
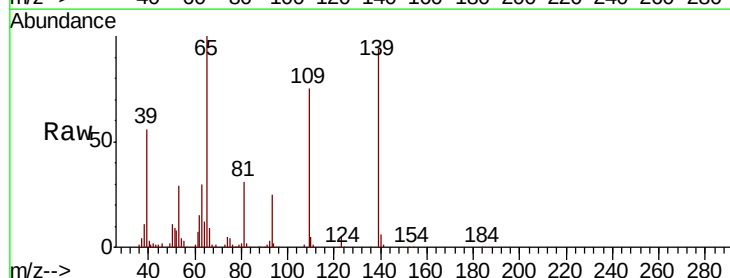
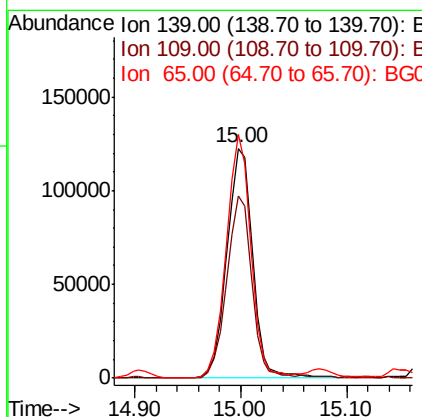
RT: 15.00 min Scan# 2027

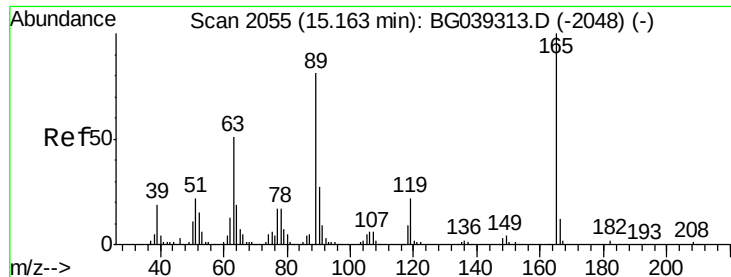
Delta R.T. 0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	139	Resp:	205305
Ion Ratio	Lower	Upper	
139	100		
109	79.3	61.9	101.9
65	106.0	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 54.126 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

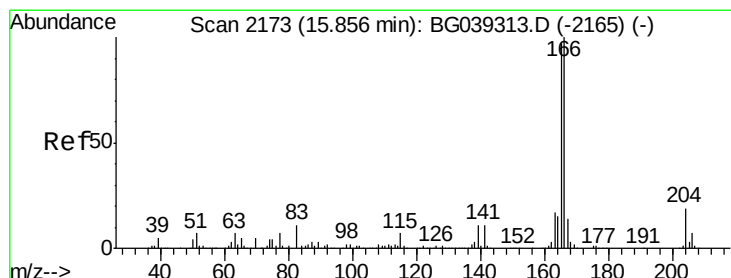
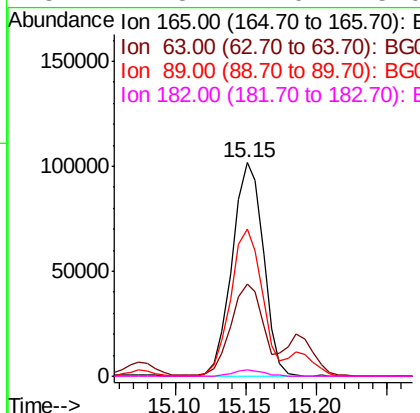
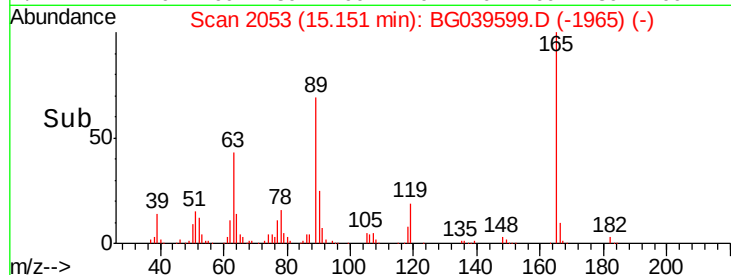
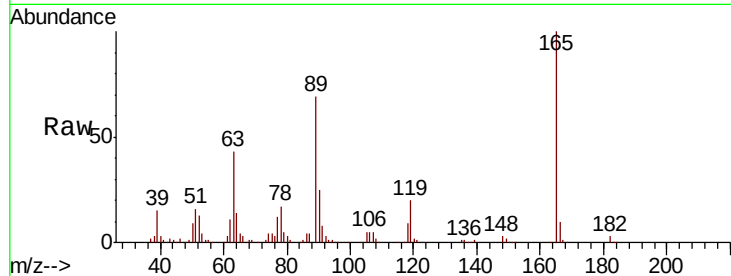
ClientSampleId :

PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157315		
63	43.1	41.0	61.6	
89	68.9	64.6	96.8	
182	2.8	2.0	3.0	

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#58

Fluorene

Concen: 43.156 ng

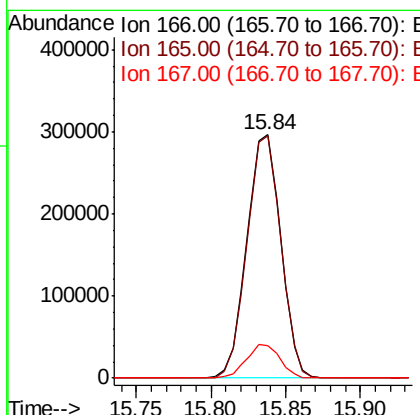
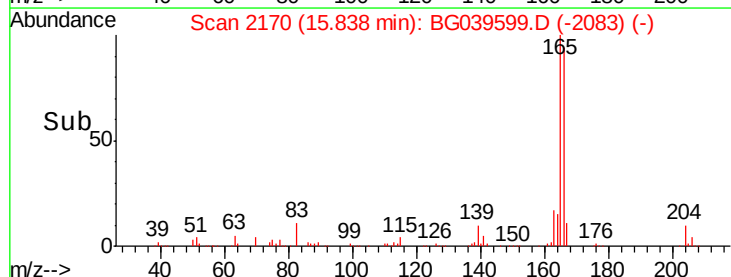
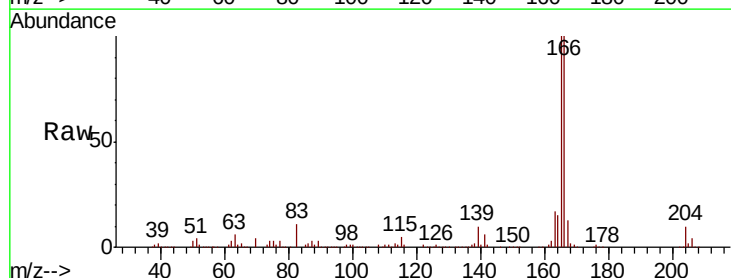
RT: 15.84 min Scan# 2170

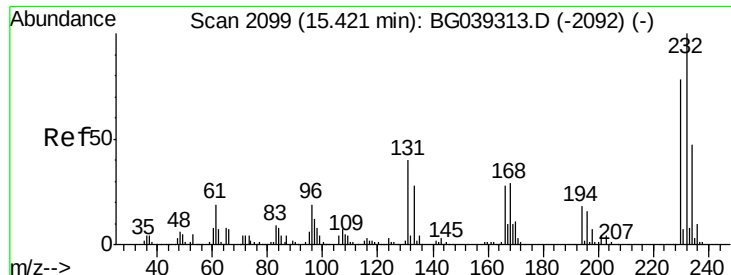
Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	465099		
165	99.5	77.9	116.9	
167	13.3	10.8	16.2	





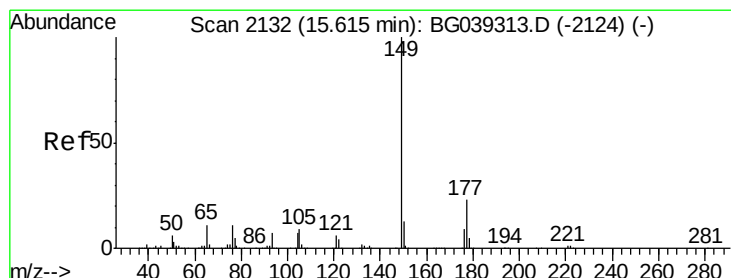
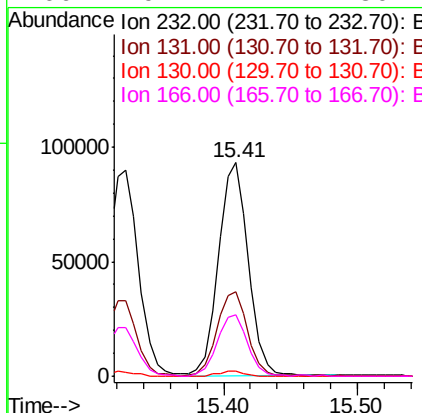
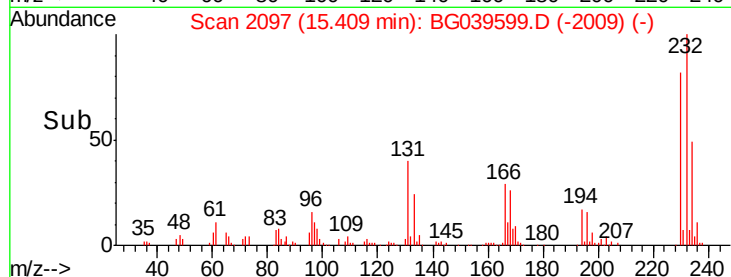
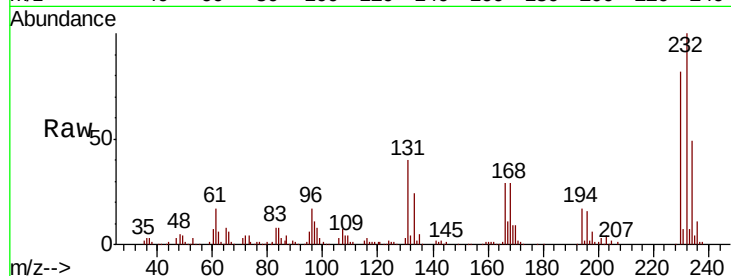
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.657 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampled :
 PB117390BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145856		
131	40.1	34.9	52.3	
130	2.2	2.0	3.0	
166	29.4	24.1	36.1	

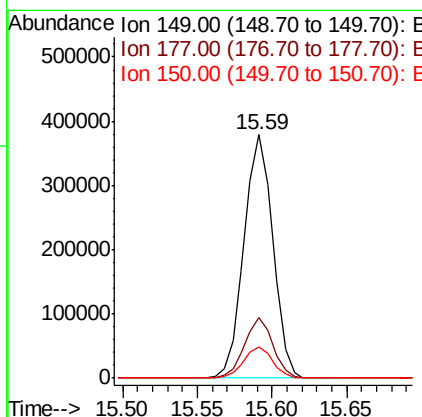
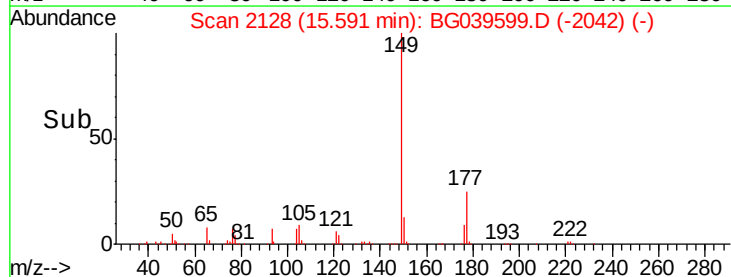
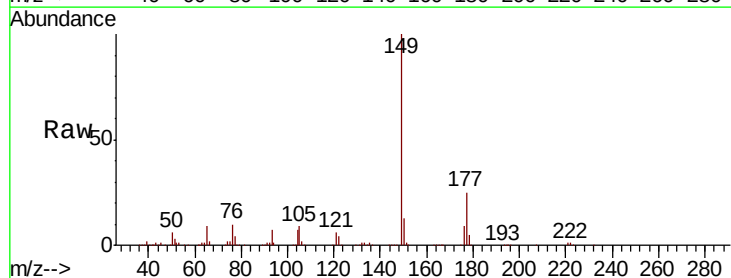
Manual Integrations
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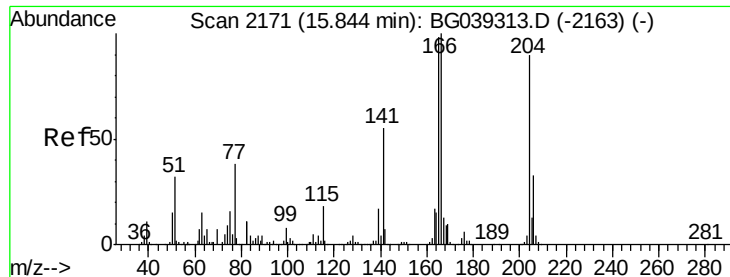
Sohil
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#60
 Diethylphthalate
 Concen: 41.192 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	505906		
177	24.9	18.3	27.5	
150	13.0	10.2	15.2	





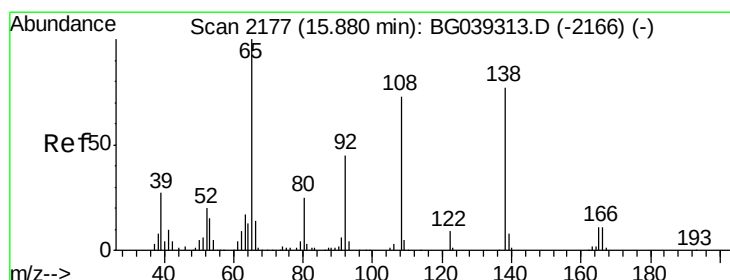
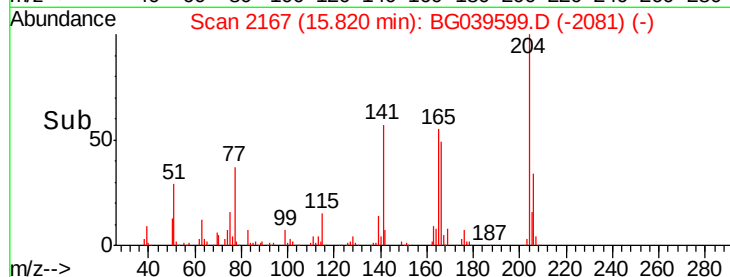
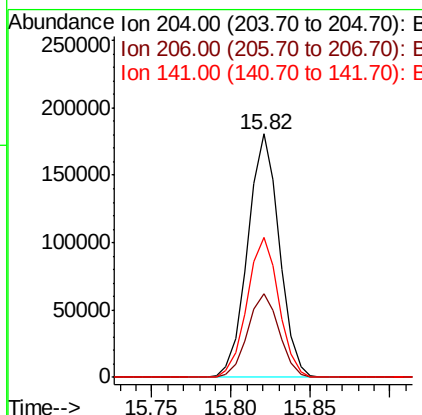
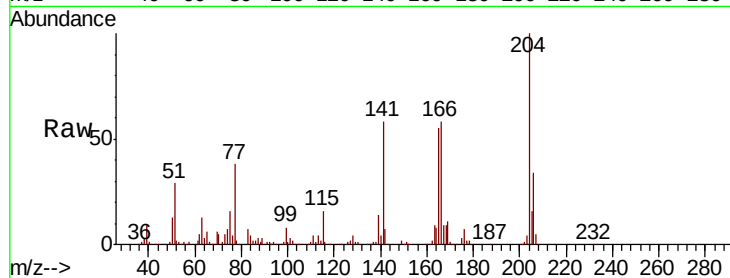
#61
 4-Chlorophenyl-phenylether
 Concen: 40.952 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampled :
 PB117390BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	29.2	43.8
141	57.5	49.0	73.4

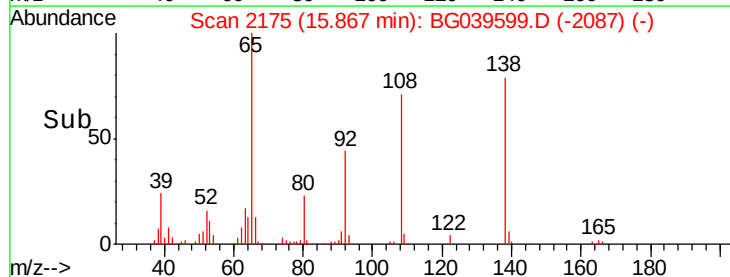
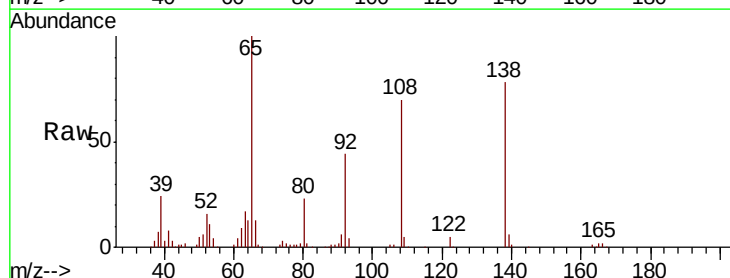
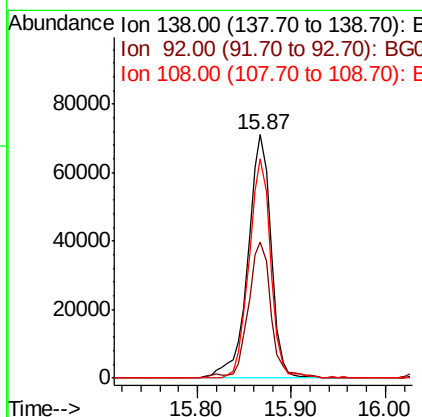
Manual Integrations
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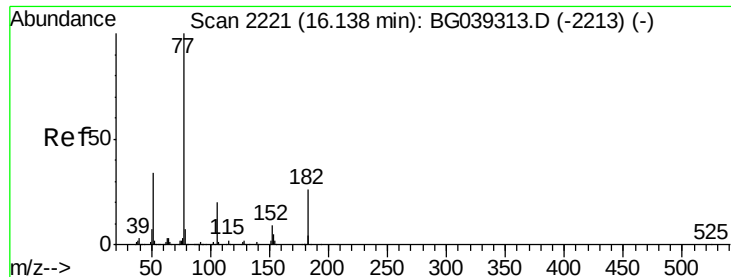
Sohil
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#62
 4-Nitroaniline
 Concen: 48.443 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	38.7	78.7
108	89.9	74.6	114.6





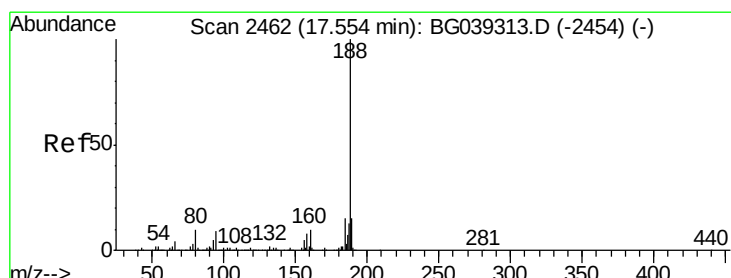
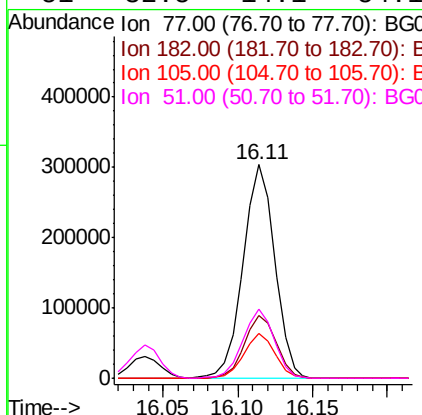
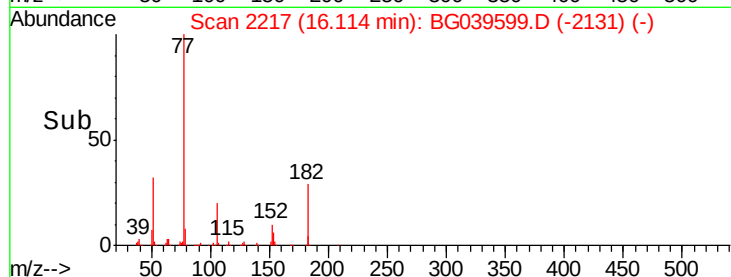
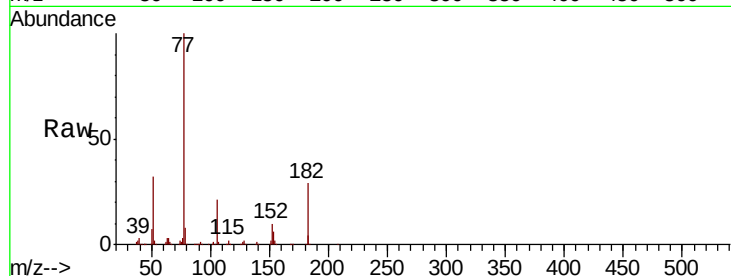
#63
Azobenzene
Concen: 37.017 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion:	77	Resp:	444362
Ion Ratio	Lower	Upper	
77	100		
182	29.2	6.4	46.4
105	20.7	0.0	39.8
51	32.5	14.1	54.1

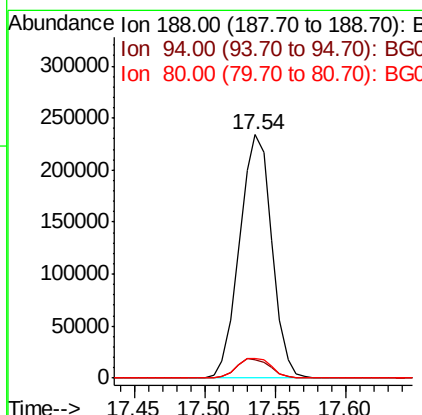
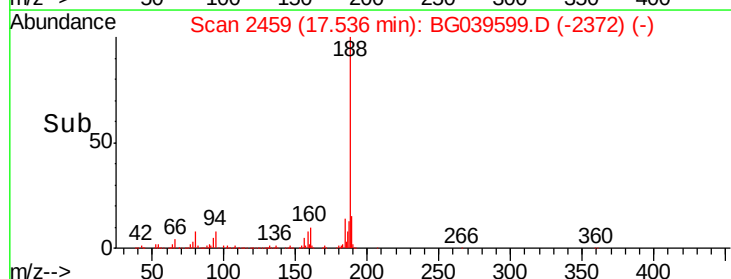
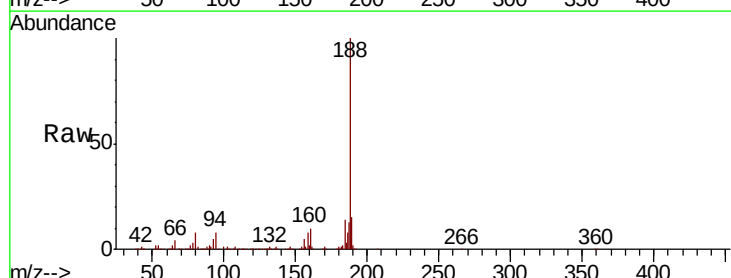
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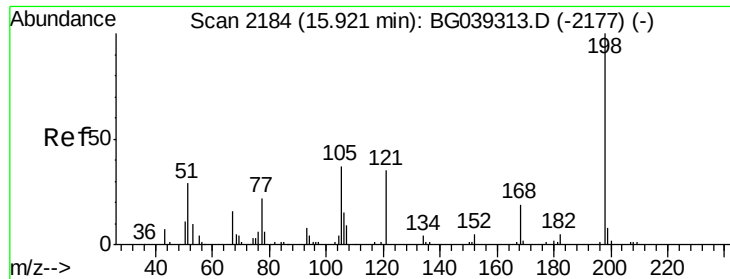
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion:	188	Resp:	374143
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.9	10.3
80	8.3	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 59.667 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

ClientSampled :

PB117390BS

Tot Ion:198 Resp: 96433

Ion Ratio Lower Upper

198 100

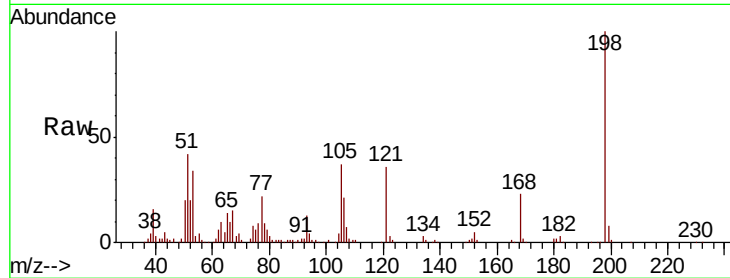
51 41.5 27.4 67.4

105 36.7 19.7 59.7

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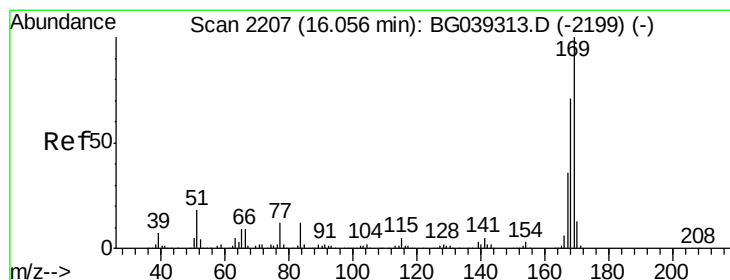
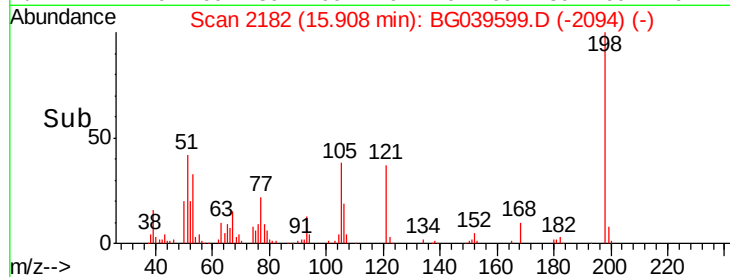
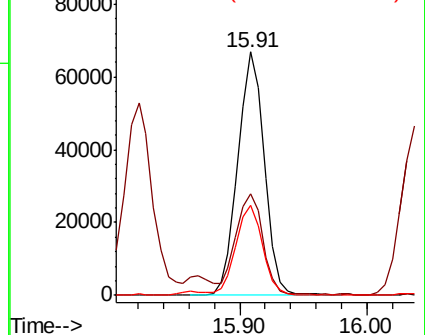
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.364 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

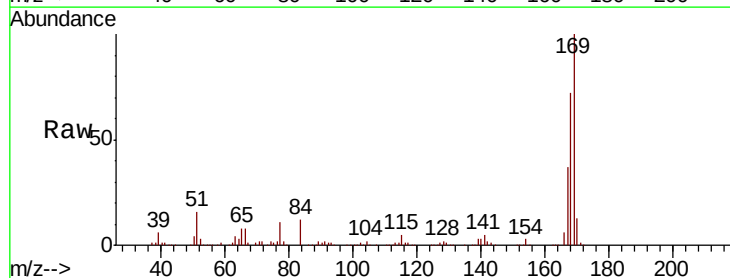
Tgt Ion:169 Resp: 436449

Ion Ratio Lower Upper

169 100

168 71.8 56.6 85.0

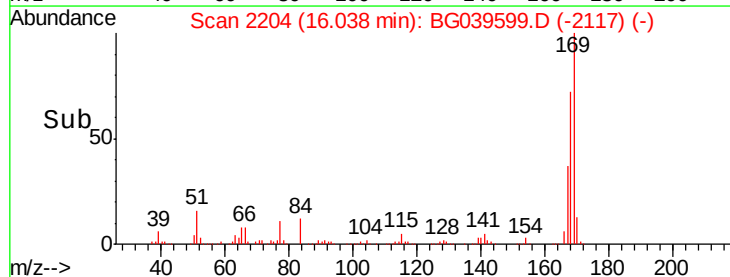
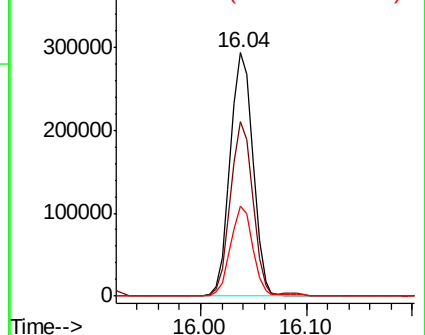
167 37.0 28.8 43.2

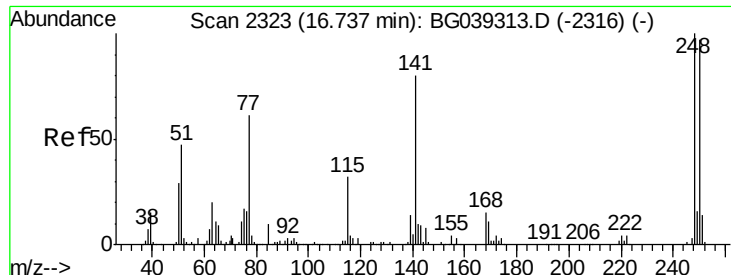


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





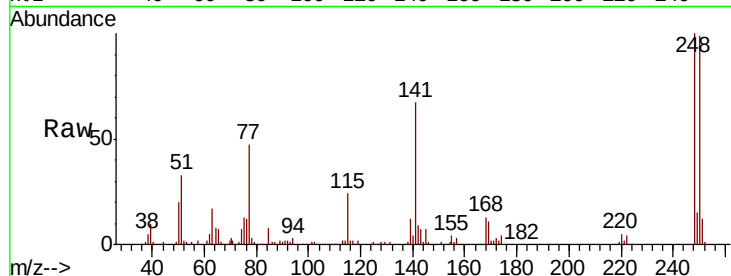
#67
4-Bromophenyl-phenylether
Concen: 39.270 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.6	116.4
141	67.4	63.9	95.9

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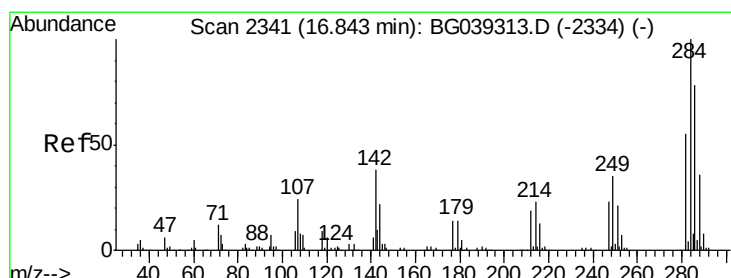
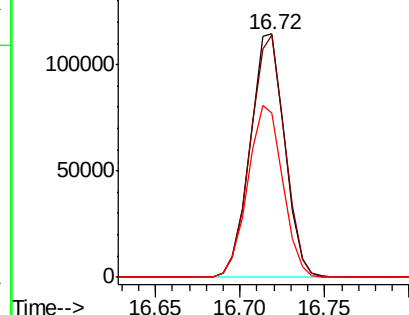
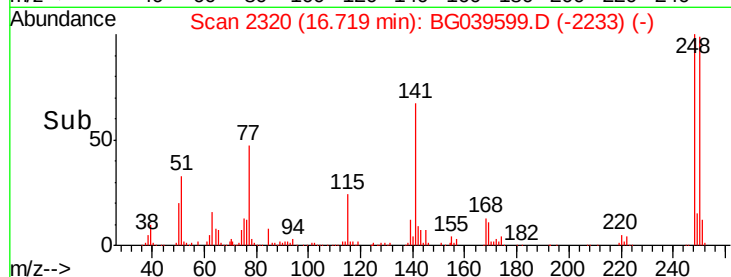


Abundance

Ion 248.00 (247.70 to 248.70): E

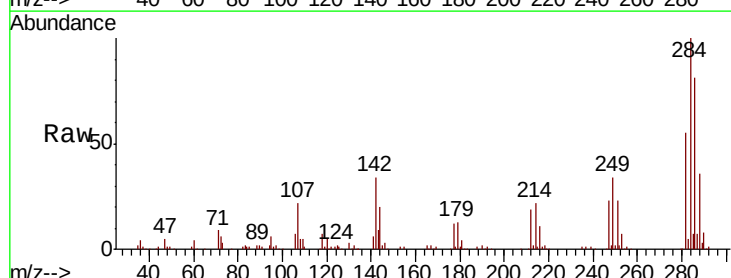
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.650 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	30.6	45.8
249	34.2	28.2	42.2

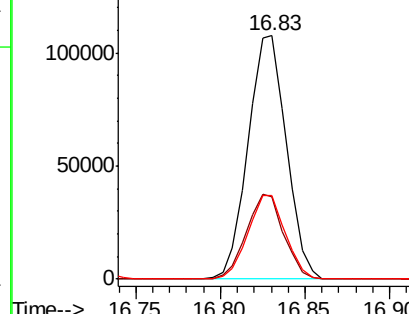
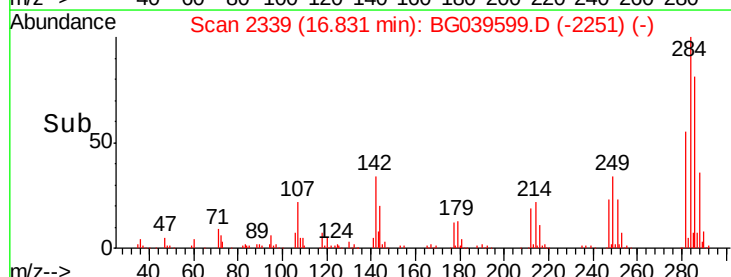


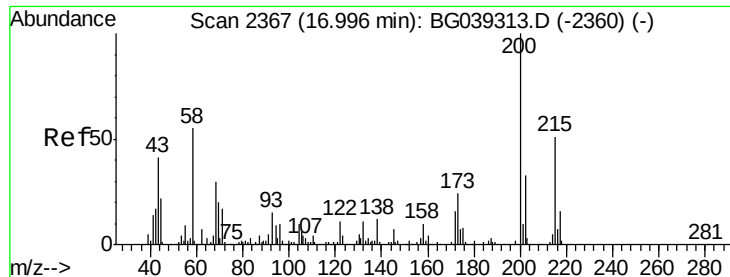
Abundance

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: 43.489 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

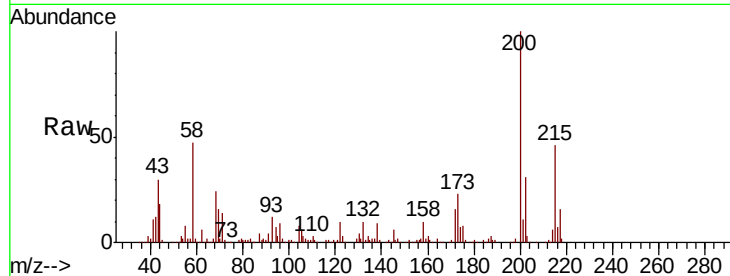
ClientSampled :

PB117390BS

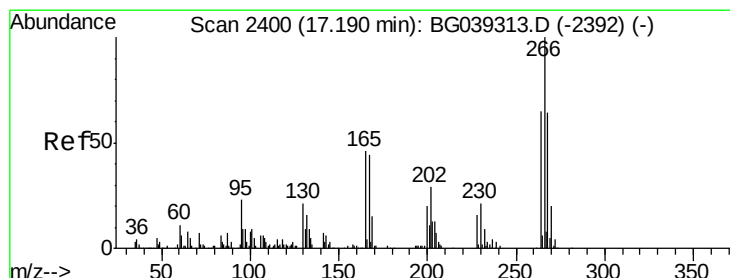
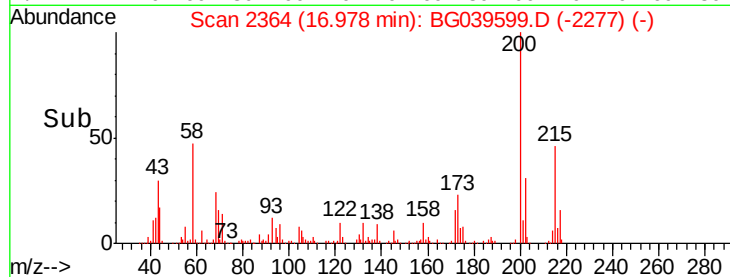
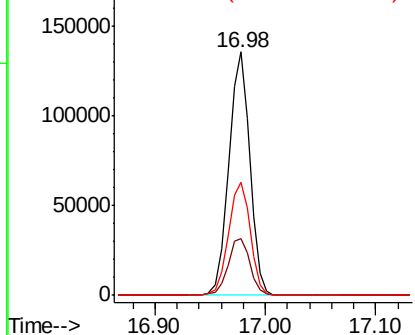
Tot Ion:	200	Resp:	180801
Ion Ratio	Lower	Upper	
200	100		
173	23.4	3.9	43.9
215	46.4	30.9	70.9

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.919 ng

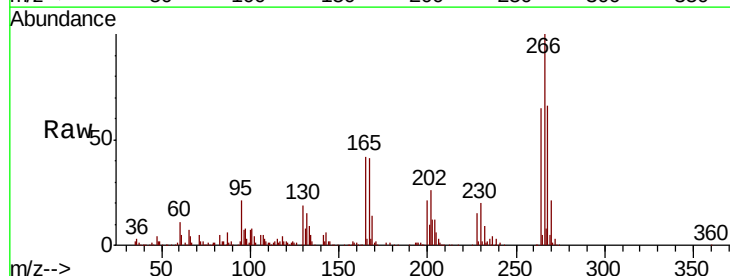
RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

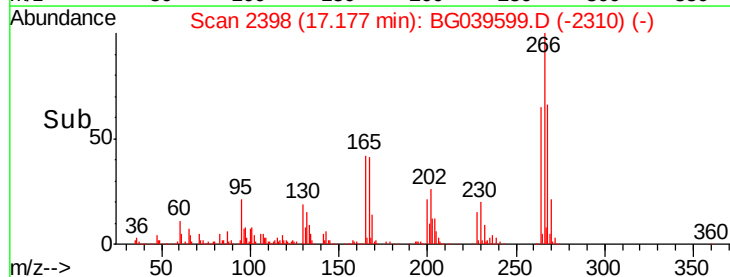
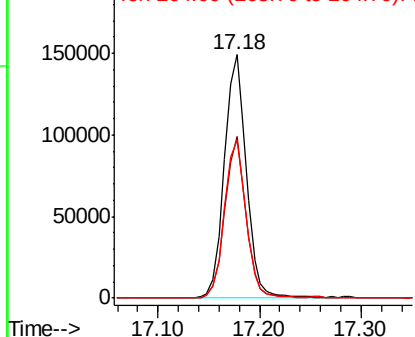
Lab File: BG039599.D

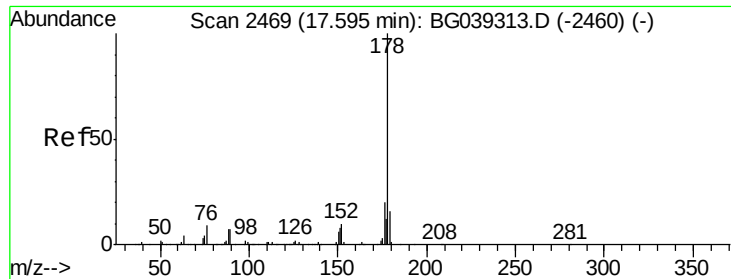
Acq: 26 Feb 2019 14:04

Tgt Ion:	266	Resp:	225522
Ion Ratio	Lower	Upper	
266	100		
268	66.2	51.1	76.7
264	65.0	52.1	78.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





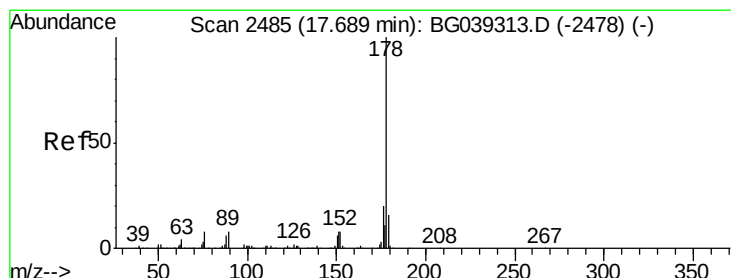
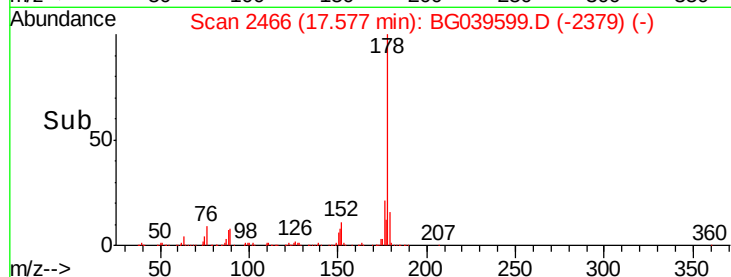
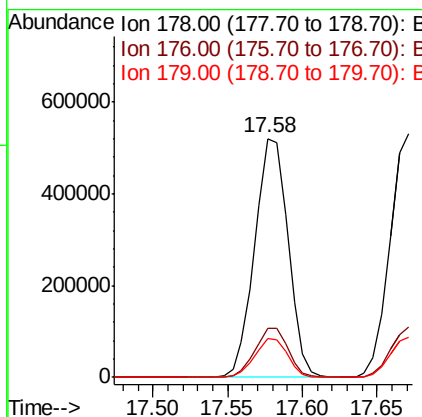
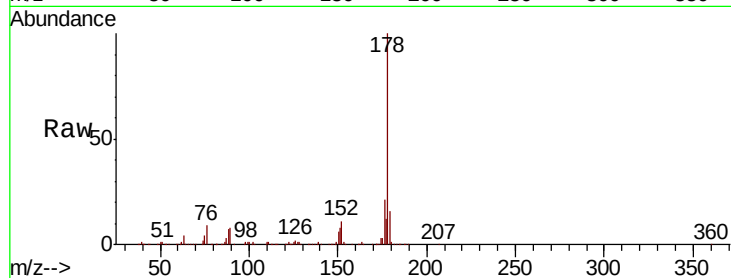
#71
Phenanthrene
Concen: 41.504 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	12.6	19.0

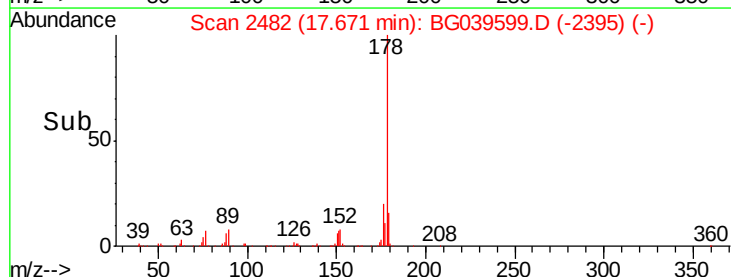
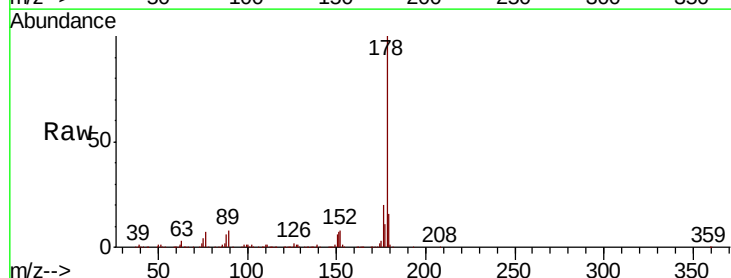
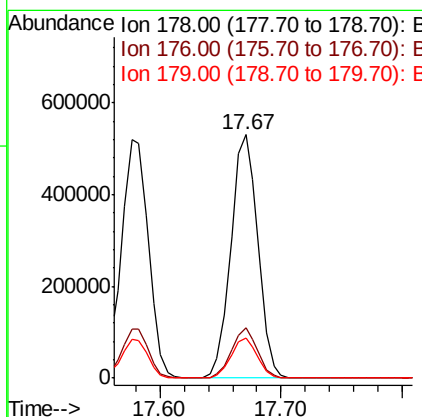
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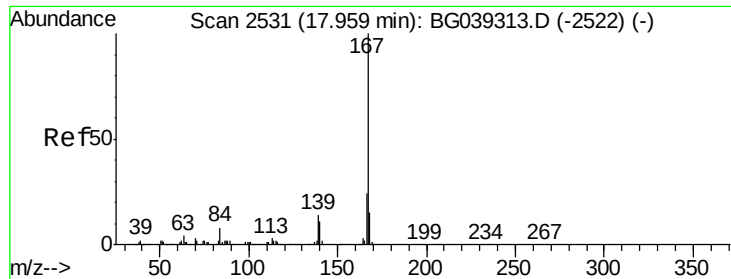
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#72
Anthracene
Concen: 43.196 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.4	12.5	18.7





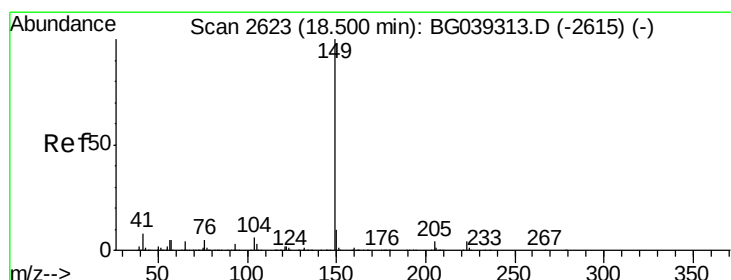
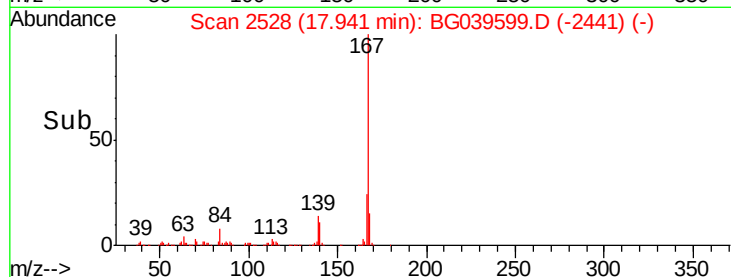
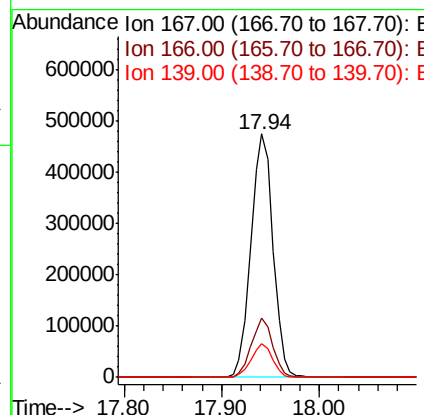
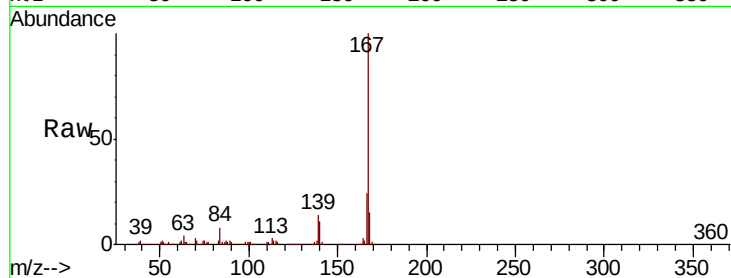
#73
 Carbazole
 Concen: 39.082 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117390BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.4	29.2
139	13.9	10.8	16.2

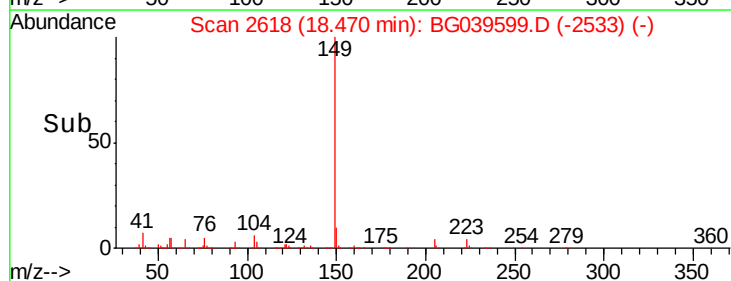
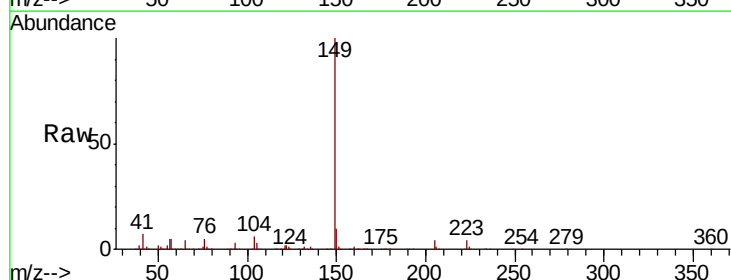
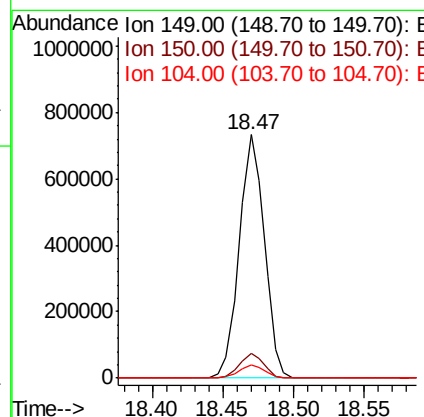
Manual Integrations
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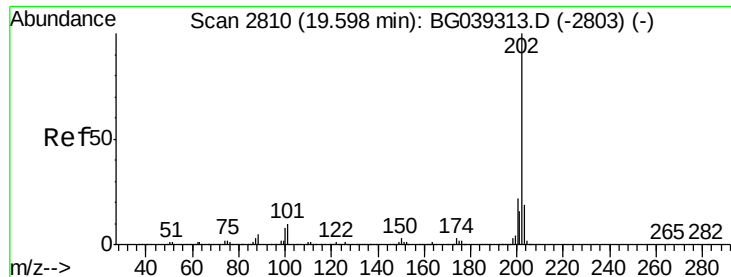
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#74
 Di-n-butylphthalate
 Concen: 40.930 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 44.494 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

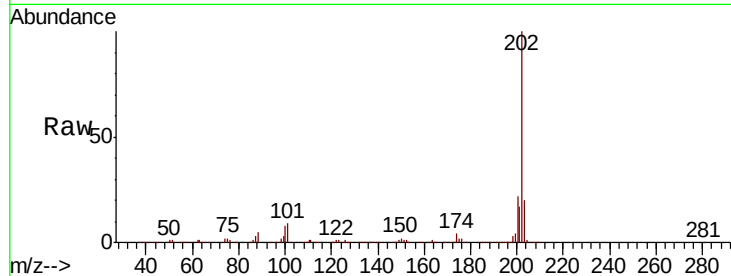
ClientSampleId :

PB117390BS

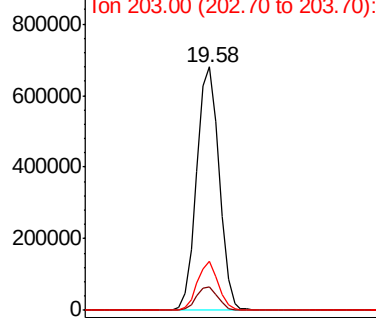
Tot Ion:	202	Resp:	1000052
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.0
203	19.9	0.0	38.9

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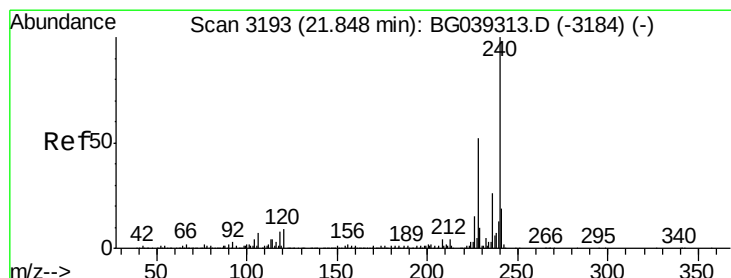
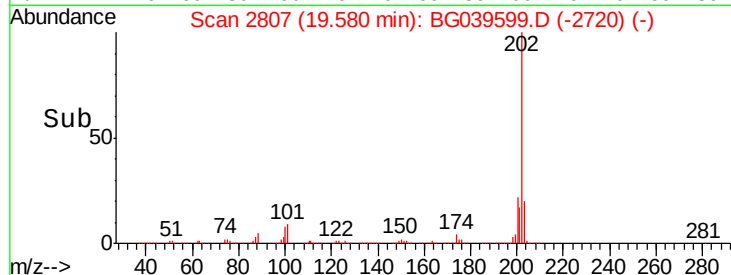
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

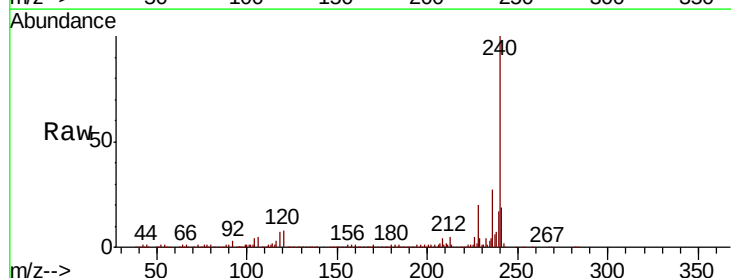
RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

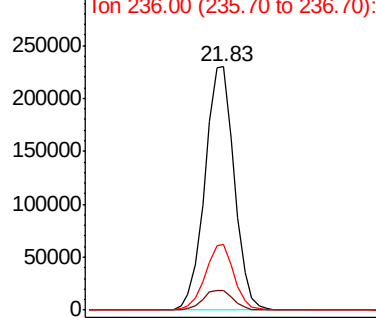
Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

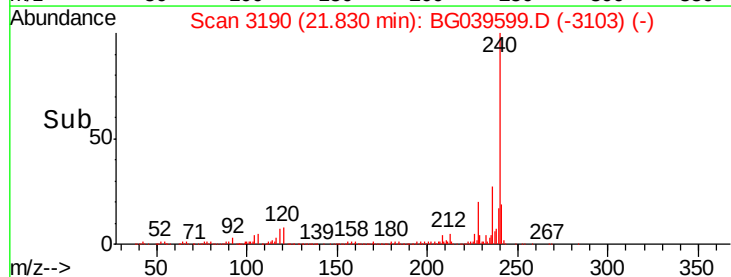
Tgt Ion:	240	Resp:	389165
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.0	10.6
236	27.0	21.0	31.4

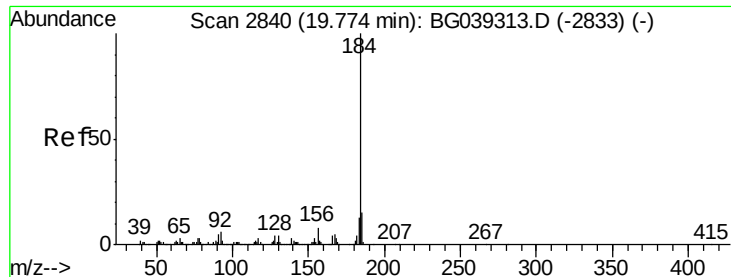


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 26.875 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

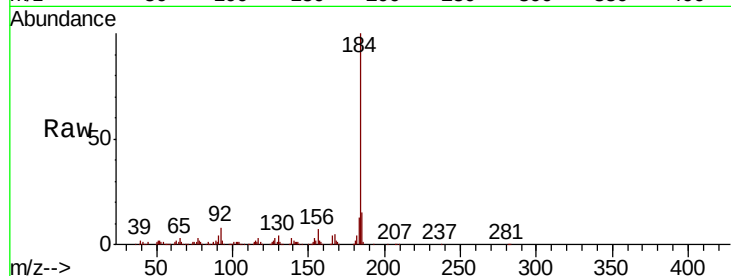
ClientSampleId :

PB117390BS

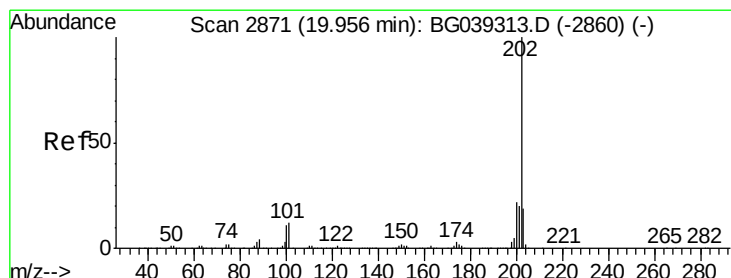
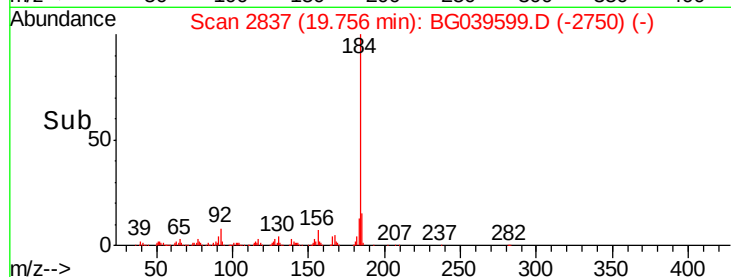
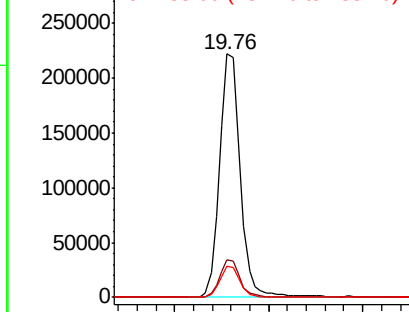
Tot Ion:	184	Resp:	342900
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	12.8	10.6	15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.428 ng

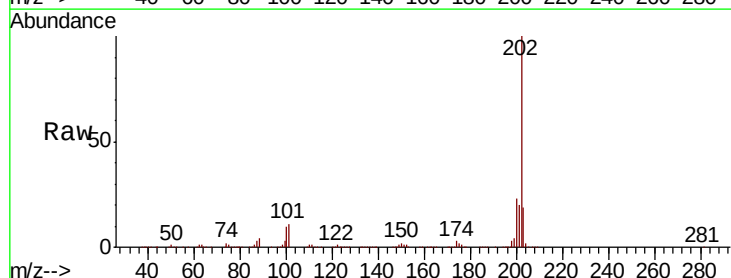
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

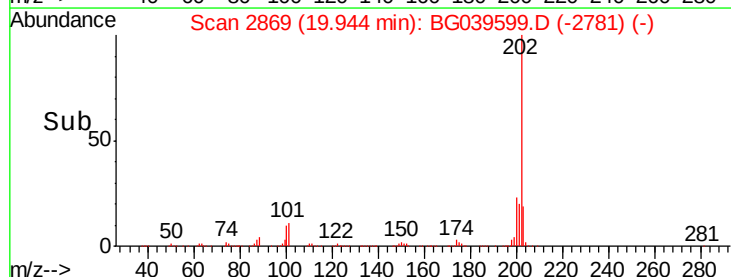
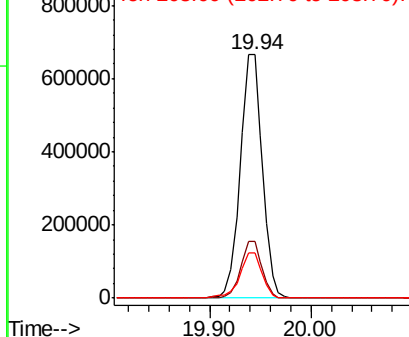
Lab File: BG039599.D

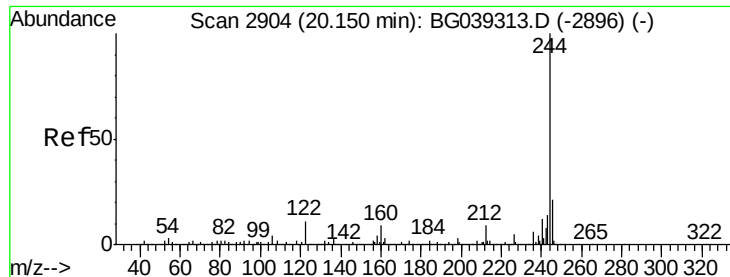
Acq: 26 Feb 2019 14:04

Tgt Ion:	202	Resp:	1003670
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.8	26.8
203	18.8	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.487 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

ClientSampled :

PB117390BS

Tot Ion:244 Resp: 1461419

Ion Ratio Lower Upper

244 100

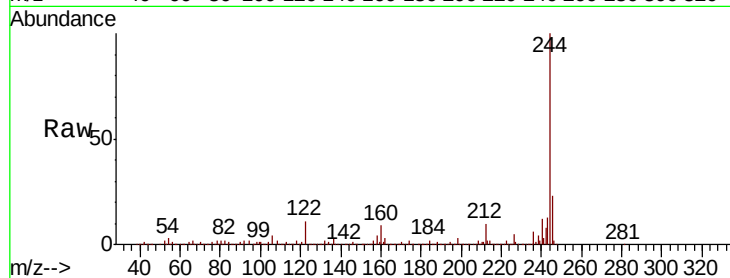
212 9.6 7.3 10.9

122 10.6 8.4 12.6

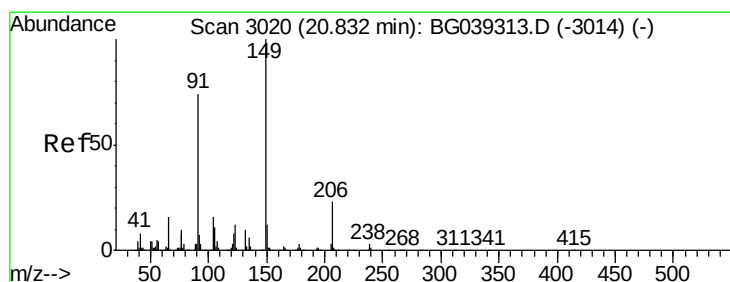
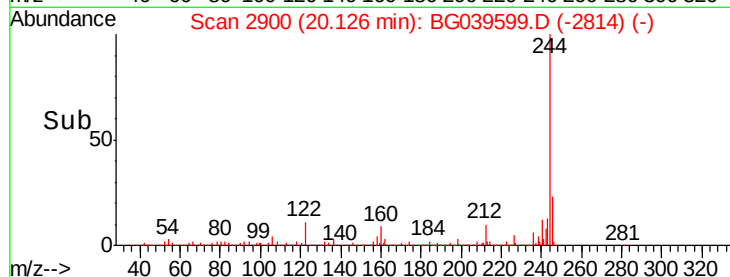
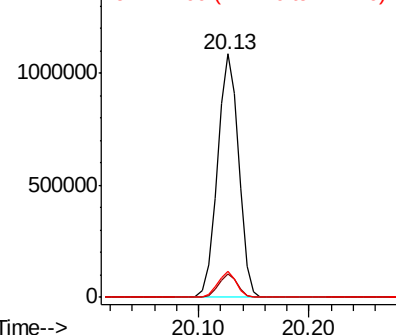
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.818 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

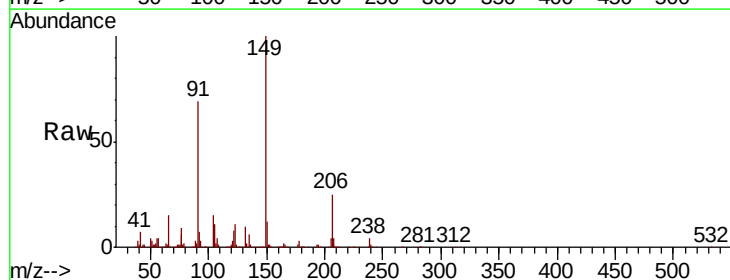
Tgt Ion:149 Resp: 427369

Ion Ratio Lower Upper

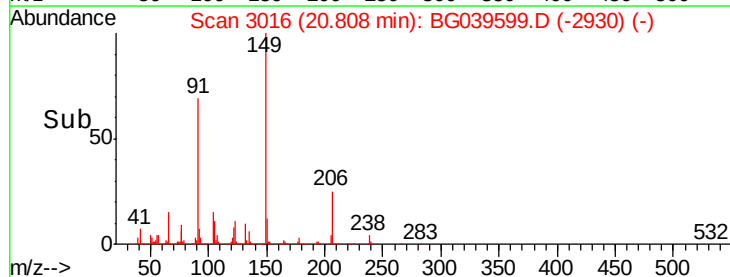
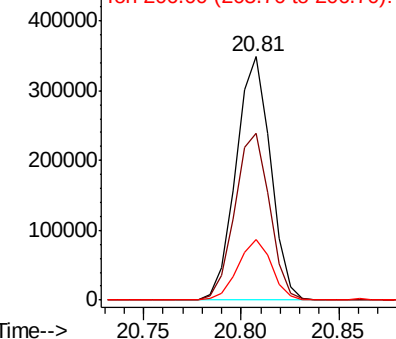
149 100

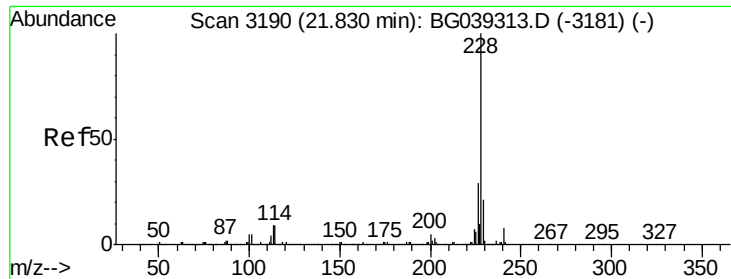
91 68.5 59.5 89.3

206 24.7 18.6 27.8



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





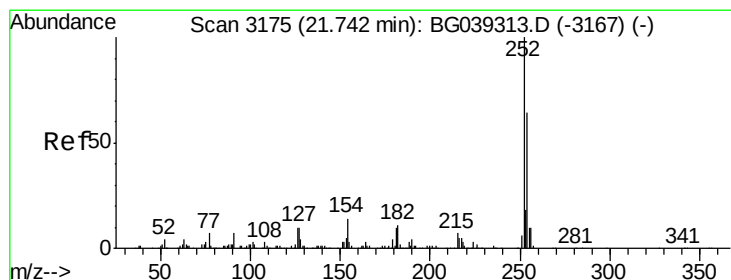
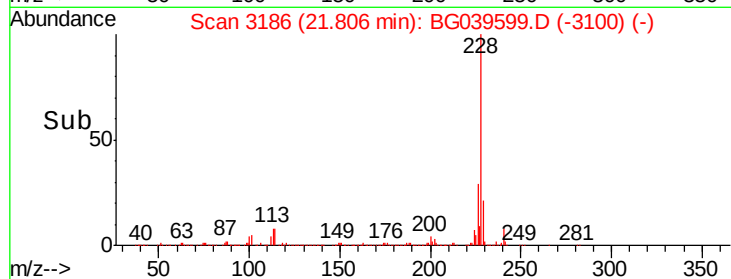
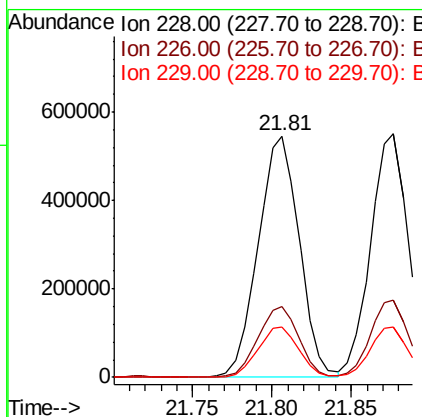
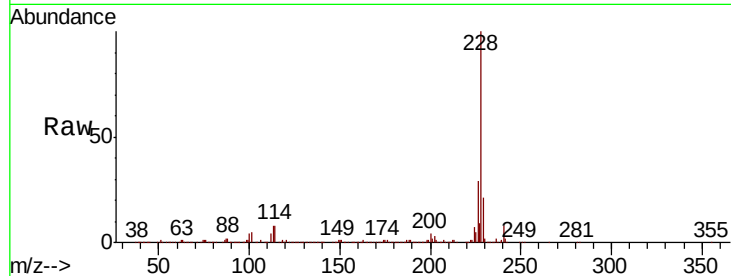
#81
Benzo(a)anthracene
Concen: 42.766 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.8	16.9	25.3

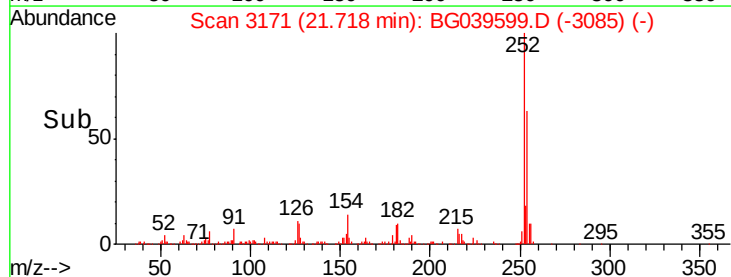
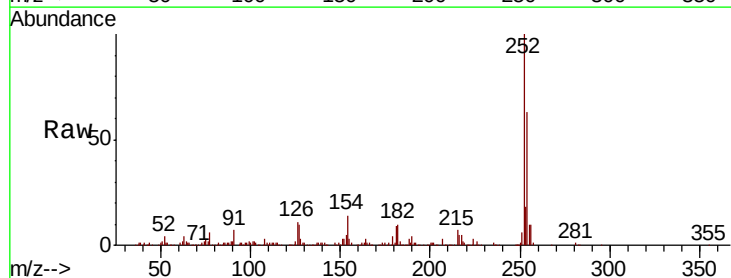
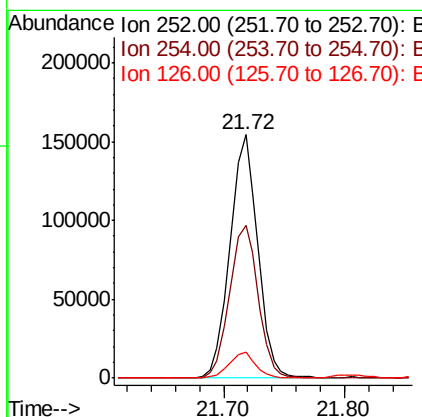
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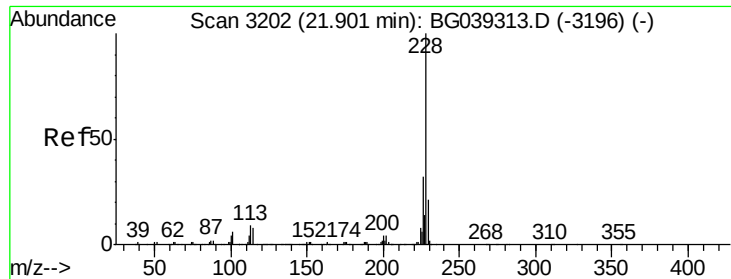
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#82
3,3'-Dichlorobenzidine
Concen: 29.020 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.3	76.9
126	10.7	8.0	12.0





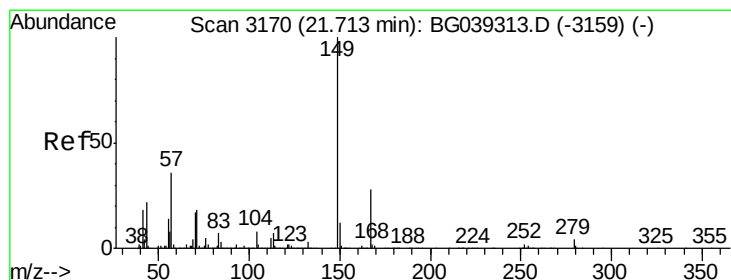
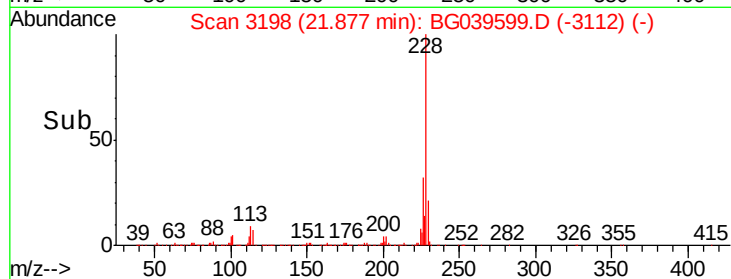
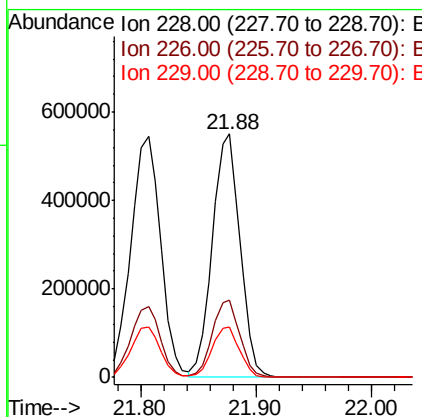
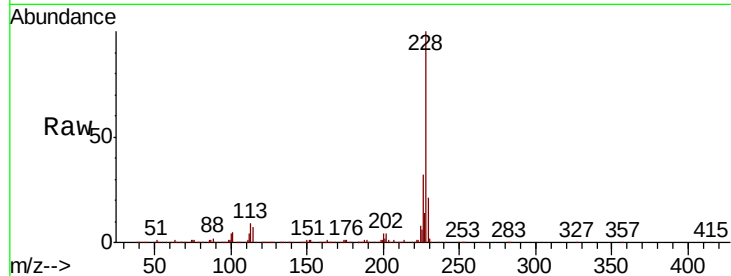
#83
 Chrysene
 Concen: 41.686 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117390BS

Tot Ion:	228	Resp:	912513
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.8	38.6
229	20.9	16.6	25.0

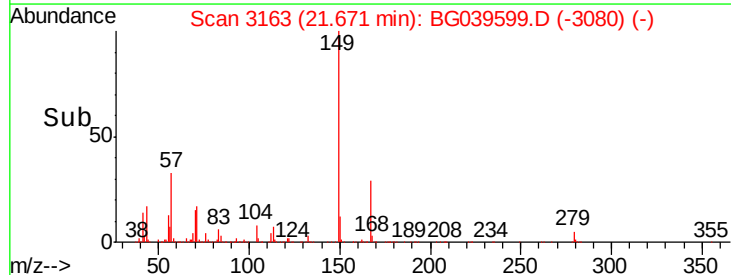
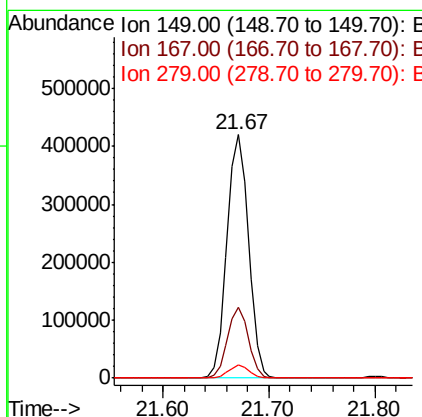
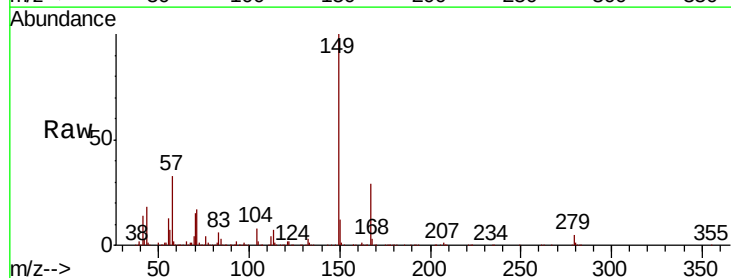
Manual Integrations
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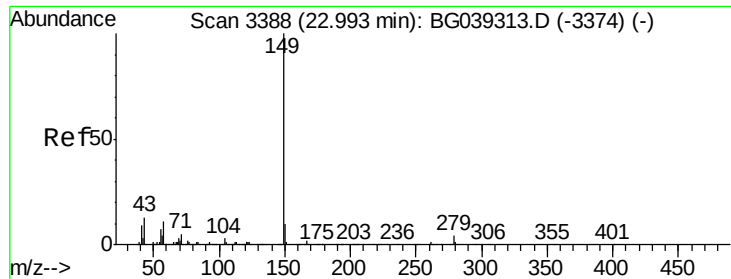
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.642 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039599.D
 Acq: 26 Feb 2019 14:04

Tgt Ion:	149	Resp:	592555
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.6	34.0
279	5.4	3.5	5.3#





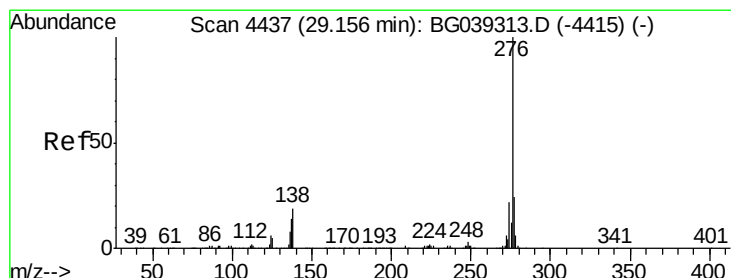
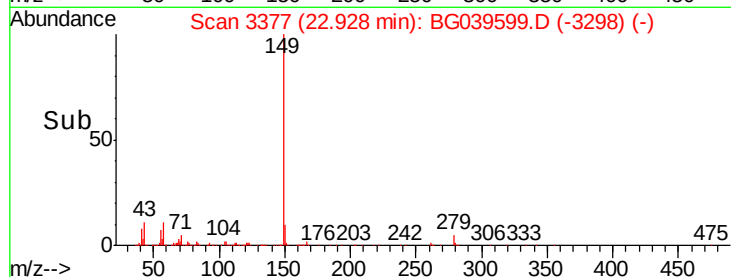
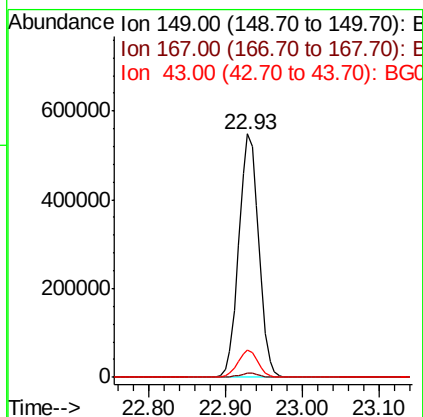
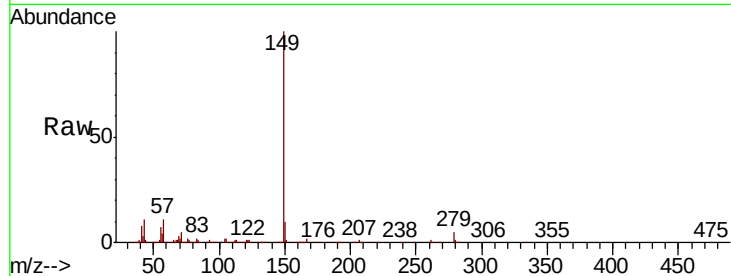
#85
Di-n-octyl phthalate
Concen: 41.235 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.07 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	10.2	15.4

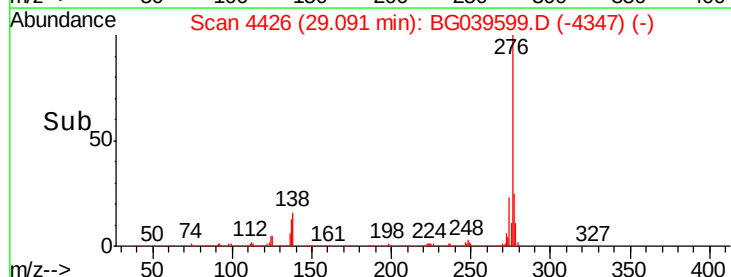
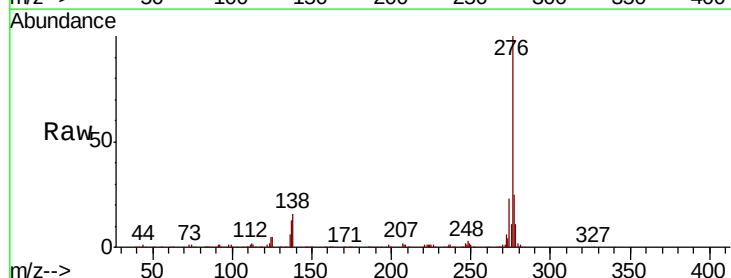
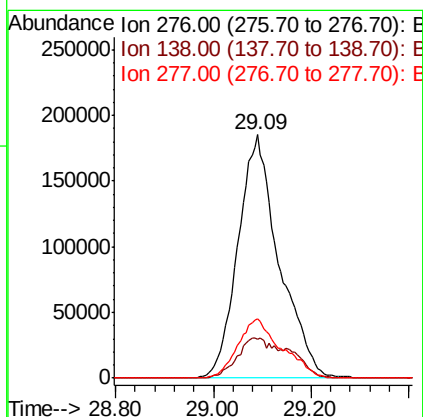
Manual Integrations
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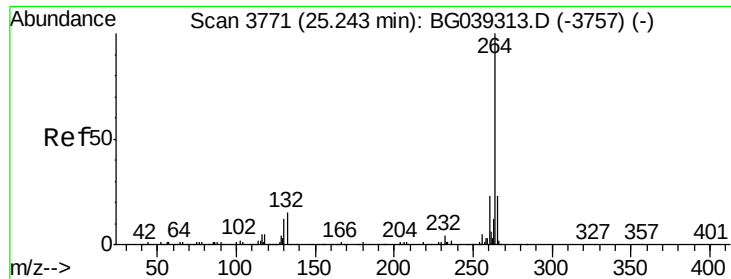
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.050 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.6	19.0
277	25.9	20.8	31.2





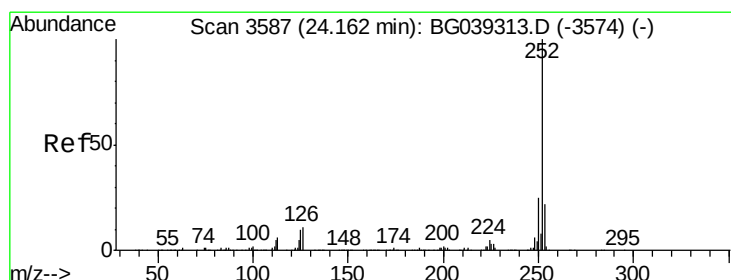
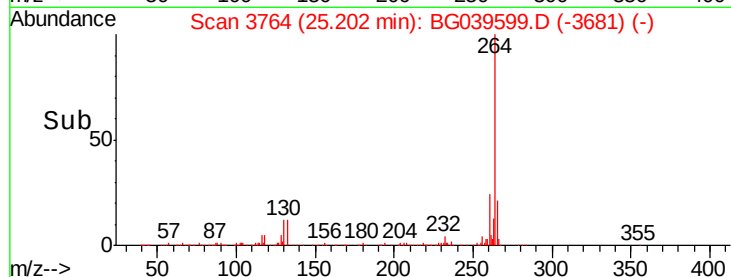
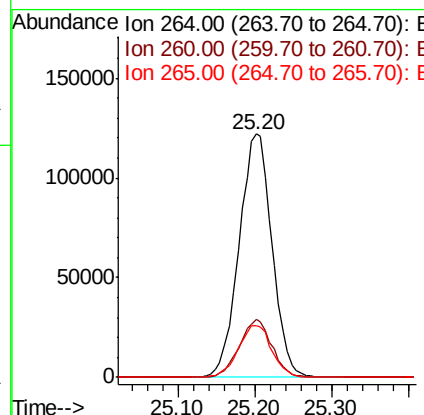
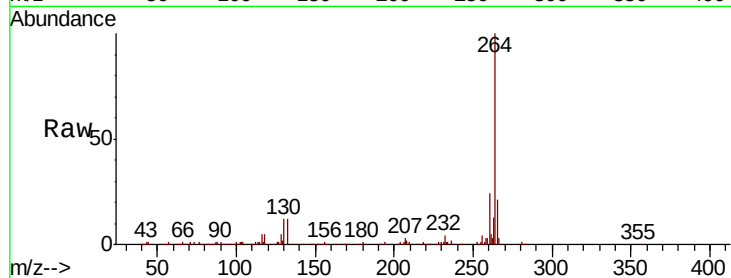
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Instrument :
BNA_G
ClientSampleId :
PB117390BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.5	18.5	27.7

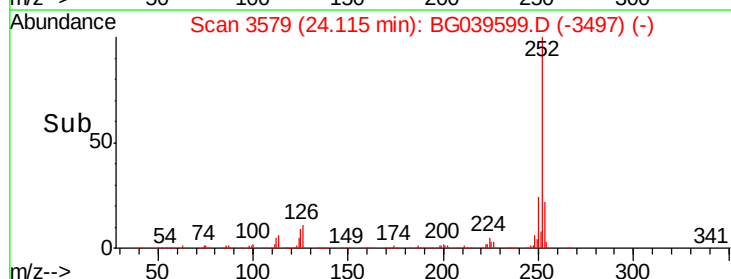
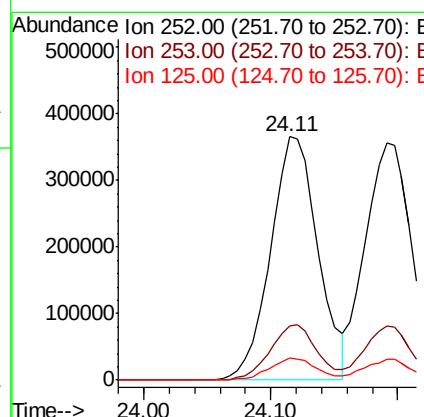
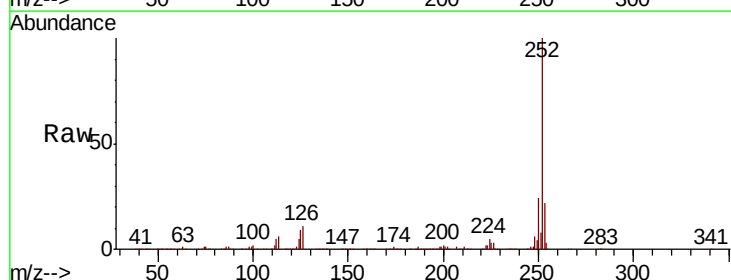
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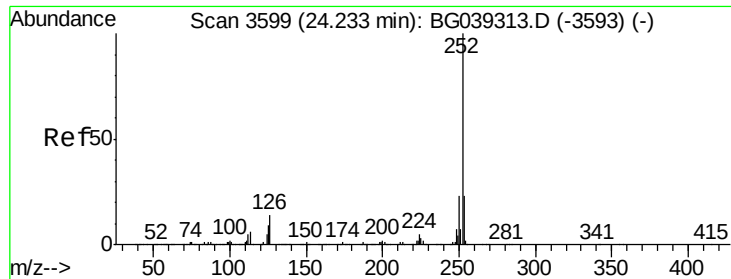
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#88
Benzo(b)fluoranthene
Concen: 47.973 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.05 min
Lab File: BG039599.D
Acq: 26 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.1	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 45.521 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

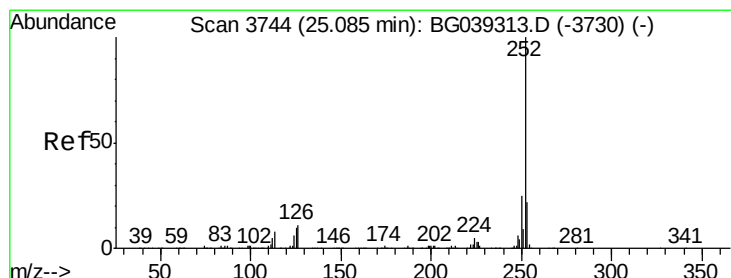
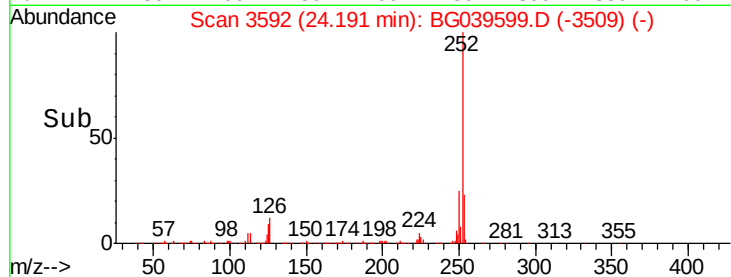
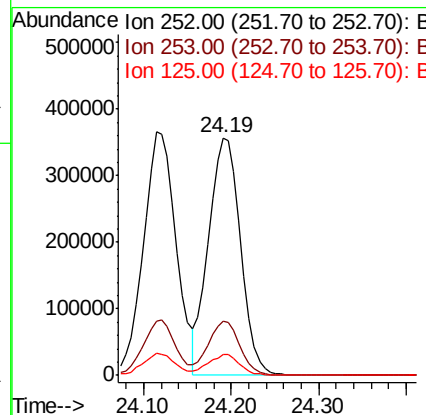
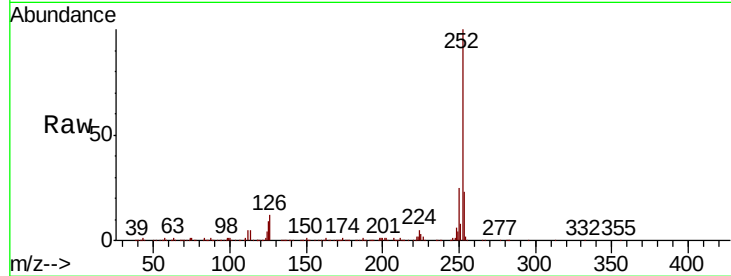
ClientSampled :

PB117390BS

Tot Ion:	252	Resp:	907777
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	8.8	7.4	11.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 48.427 ng

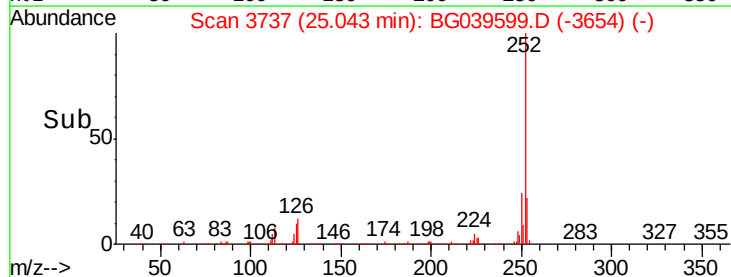
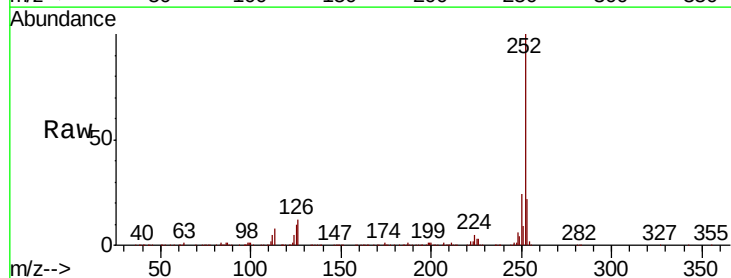
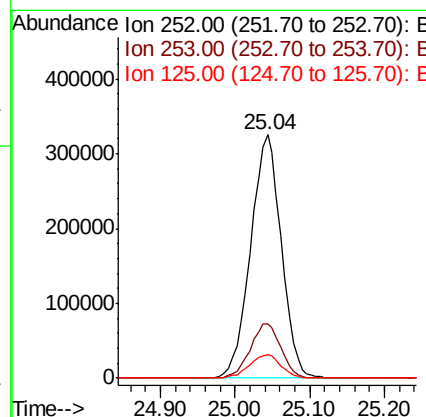
RT: 25.04 min Scan# 3737

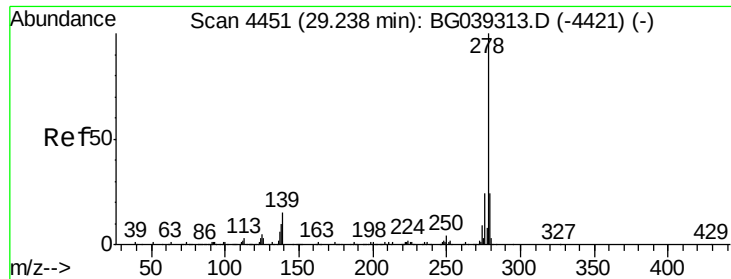
Delta R.T. -0.04 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	252	Resp:	926374
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	9.5	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 49.256 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.08 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Instrument :

BNA_G

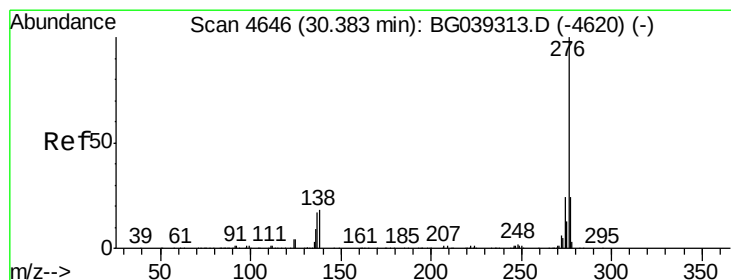
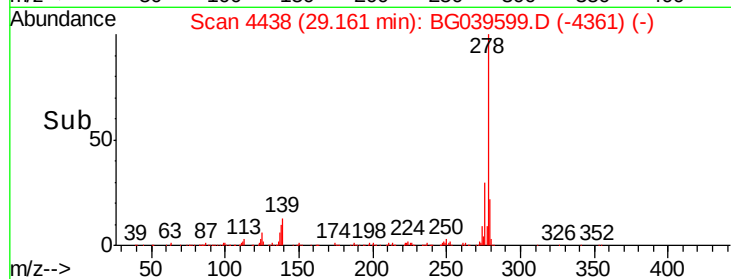
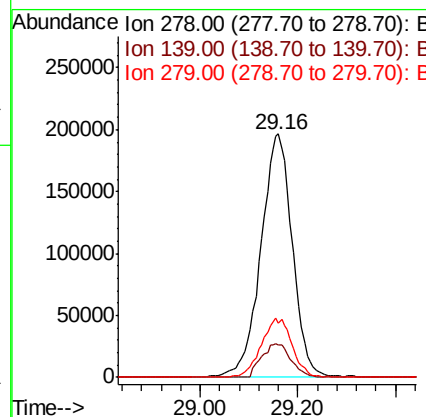
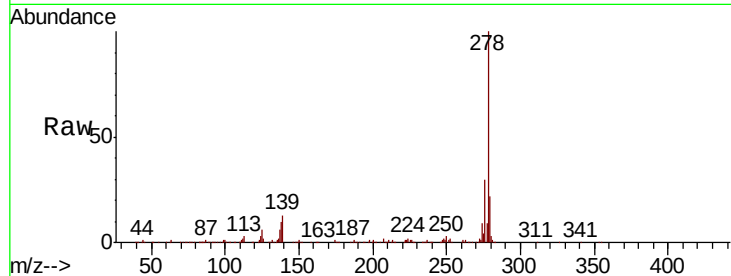
ClientSampled :

PB117390BS

Tot Ion:	278	Resp:	882412
Ion Ratio	Lower	Upper	
278	100		
139	13.2	11.7	17.5
279	22.2	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 50.016 ng

RT: 30.31 min Scan# 4634

Delta R.T. -0.07 min

Lab File: BG039599.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	276	Resp:	893097
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.6	29.4
138	18.0	14.7	22.1

