

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039132.D
 Acq On : 15 Jan 2019 14:35
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:00 PM

Quant Time: Jan 15 17:22:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20299	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	106193	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68687	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	188258	20.00	ng	0.00
76) Chrysene-d12	21.69	240	206315	20.00	ng	-0.01
87) Perylene-d12	24.97	264	217317	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	173046	161.71	ng	0.00
7) Phenol-d6	7.19	99	313423	203.53	ng	0.00
23) Nitrobenzene-d5	9.21	82	127261	65.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	171548	148.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	426400	84.96	ng	0.00
79) Terphenyl-d14	20.02	244	869187	77.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	13198	31.496	ng	96
3) Pyridine	3.86	79	32273	28.344	ng	99
4) n-Nitrosodimethylamine	3.78	42	23237	45.352	ng	94
6) Aniline	7.35	93	77142	41.711	ng	98
8) 2-Chlorophenol	7.58	128	59607	47.255	ng	98
9) Benzaldehyde	7.17	77	18020	20.291	ng	95
10) Phenol	7.21	94	96591	62.561	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	52055	44.114	ng	99
12) 1,3-Dichlorobenzene	7.91	146	54493	36.057	ng	97
13) 1,4-Dichlorobenzene	8.06	146	57962	37.869	ng	100
14) 1,2-Dichlorobenzene	8.38	146	56162	38.484	ng	95
15) Benzyl Alcohol	8.27	79	51826	44.689	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	88490	39.108	ng	99
17) 2-Methylphenol	8.47	107	49880	46.527	ng	97
18) Hexachloroethane	9.10	117	20064	38.585	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	40004	39.559	ng	99
20) 3+4-Methylphenols	8.80	107	70149	45.894	ng	98
22) Acetophenone	8.85	105	81854	29.516	ng	# 99
24) Nitrobenzene	9.25	77	61852	31.532	ng	99
25) Isophorone	9.76	82	145687	43.581	ng	99
26) 2-Nitrophenol	9.96	139	39870	37.577	ng	97
27) 2,4-Dimethylphenol	10.00	122	76393	51.177	ng	90
28) bis(2-Chloroethoxy)methane	10.24	93	82556	41.091	ng	100
29) 2,4-Dichlorophenol	10.49	162	81817	44.120	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	72343	32.468	ng	100
31) Naphthalene	10.90	128	214357	40.247	ng	98
32) Benzoic acid	10.17	122	25795	32.015	ng	98
33) 4-Chloroaniline	11.02	127	63233	26.533	ng	97
34) Hexachlorobutadiene	11.15	225	52253	34.082	ng	98
35) Caprolactam	11.80	113	30221m	40.640	ng	
36) 4-Chloro-3-methylphenol	12.13	107	81158	40.918	ng	92
37) 2-Methylnaphthalene	12.50	142	191166	47.874	ng	99
38) 1-Methylnaphthalene	12.71	142	156724	40.890	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	105280	40.813	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	117506	80.817	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	71052	43.764	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	81485	47.487	nq	99
46) 1,1'-Biphenyl	13.50	154	205854	37.823	nq	100
47) 2-Chloronaphthalene	13.55	162	164727	37.401	nq	99
48) 2-Nitroaniline	13.76	65	50842	41.205	nq	87
49) Acenaphthylene	14.39	152	271755	41.051	nq	98
50) Dimethylphthalate	14.12	163	234665	40.429	nq	99
51) 2,6-Dinitrotoluene	14.25	165	52872	40.743	nq	100
52) Acenaphthene	14.73	154	154907	38.947	nq	96
53) 3-Nitroaniline	14.59	138	37317	28.347	nq	97
54) 2,4-Dinitrophenol	14.80	184	65733	84.405	nq	93
55) Dibenzofuran	15.06	168	276303	39.334	nq	100
56) 4-Nitrophenol	14.90	139	86706	91.538	nq	94
57) 2,4-Dinitrotoluene	15.04	165	77610	41.686	nq	96
58) Fluorene	15.72	166	225104	42.572	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	72623	44.835	nq	98
60) Diethylphthalate	15.47	149	246590	41.234	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	128687	38.631	nq	98
62) 4-Nitroaniline	15.76	138	57053	41.602	nq	99
63) Azobenzene	15.99	77	185781	39.725	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	52833	37.881	nq	97
66) n-Nitrosodiphenylamine	15.92	169	210691	37.752	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	100736	41.627	nq	99
68) Hexachlorobenzene	16.71	284	100562	38.082	nq	99
69) Atrazine	16.86	200	86500	36.485	nq	96
70) Pentachlorophenol	17.07	266	109880	68.265	nq	98
71) Phenanthrene	17.46	178	407790	40.981	nq	99
72) Anthracene	17.55	178	416652	42.349	nq	99
73) Carbazole	17.82	167	375210	38.632	nq	98
74) Di-n-butylphthalate	18.35	149	423190	39.167	nq	99
75) Fluoranthene	19.46	202	523309	42.422	nq	99
77) Benzidine	19.65	184	221732	35.138	nq	100
78) Pyrene	19.83	202	521680	39.677	nq	98
80) Butylbenzylphthalate	20.70	149	194105	38.815	nq	99
81) Benzo(a)anthracene	21.67	228	520336	41.430	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	140077	27.373	nq	97
83) Chrysene	21.74	228	478891	40.091	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	271820	39.147	nq	96
85) Di-n-octyl phthalate	22.75	149	467593	39.826	nq	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	680327	47.664	nq	99
88) Benzo(b)fluoranthene	23.92	252	520805	43.463	nq	98
89) Benzo(k)fluoranthene	23.99	252	504790	42.607	nq	99
90) Benzo(a)pyrene	24.81	252	506312	43.714	nq	98
91) Dibenzo(a,h)anthracene	28.78	278	559500	48.565	nq	100
92) Benzo(g,h,i)perylene	29.90	276	564588	49.502	nq	96

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



#1

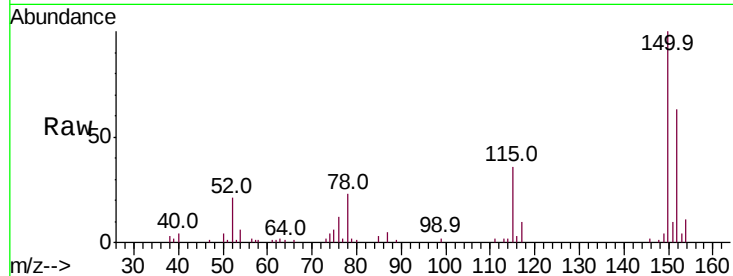
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleID :
PB116382BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	57.5	46.5	69.7

Manual Integrations
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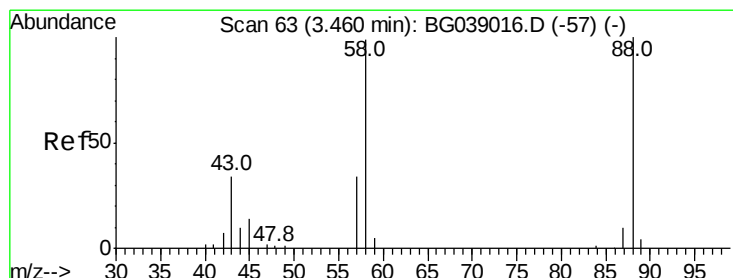
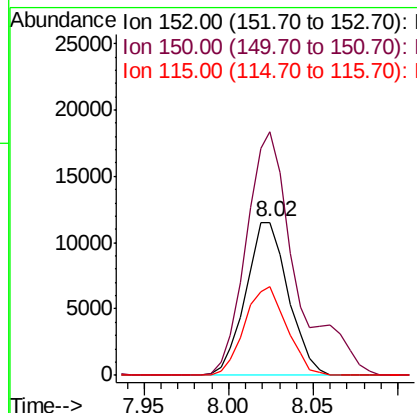
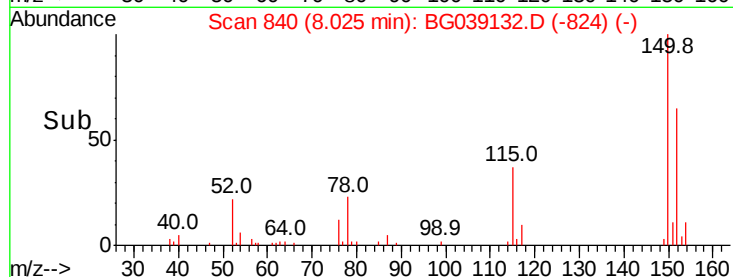


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

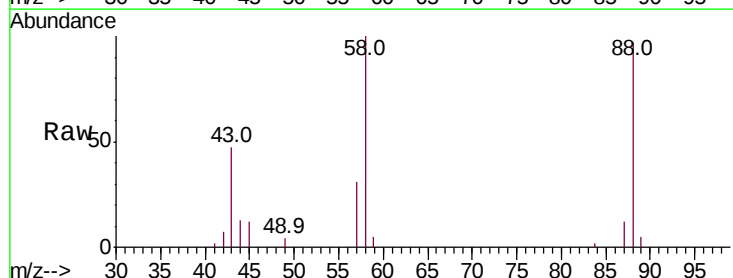
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.496 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	72.4	108.6
43	35.6	27.6	41.4

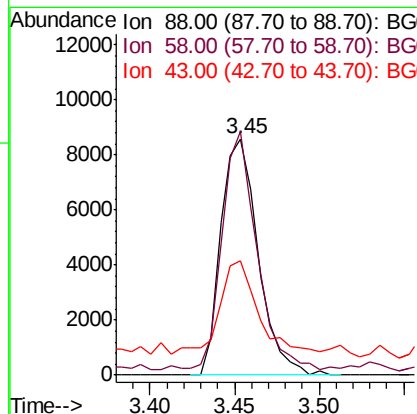
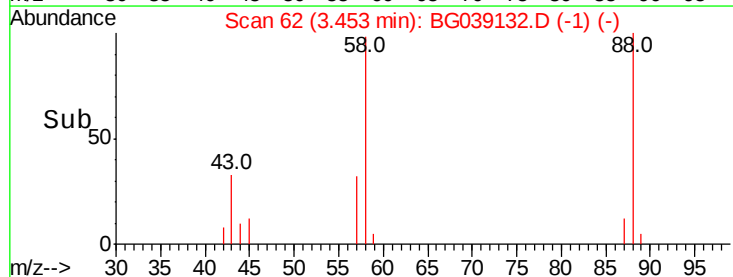


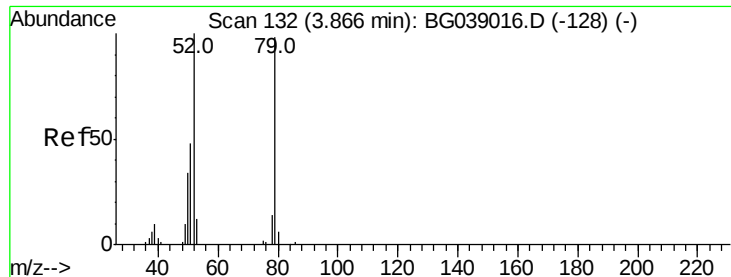
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





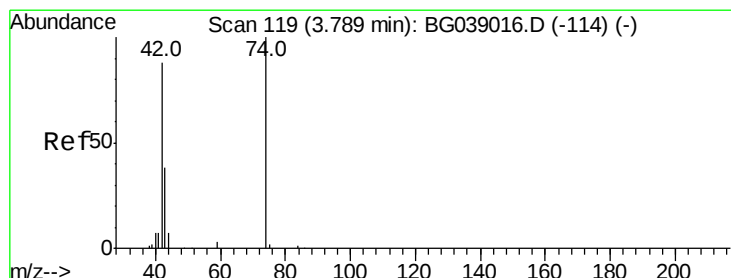
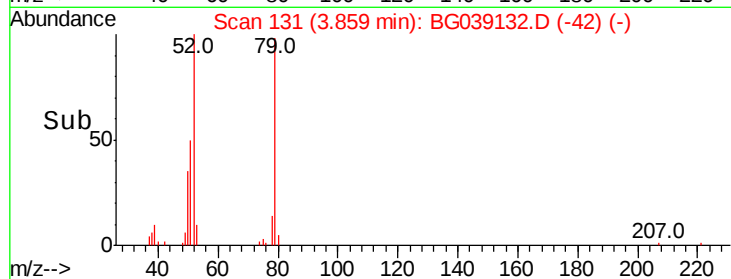
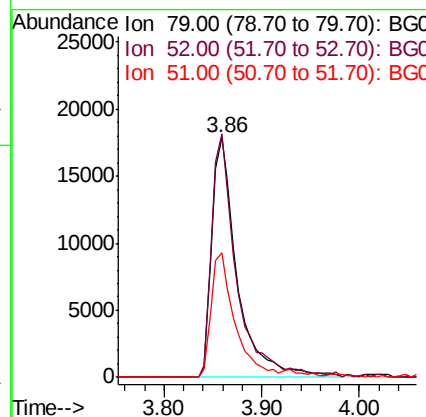
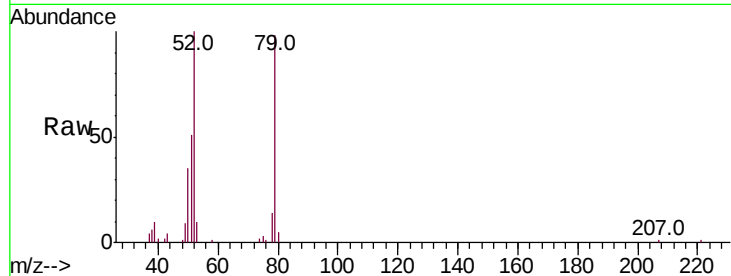
#3
Pvridine
Concen: 28.344 ng
RT: 3.86 min Scan# 131
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.8	81.5	122.3
51	52.0	39.8	59.6

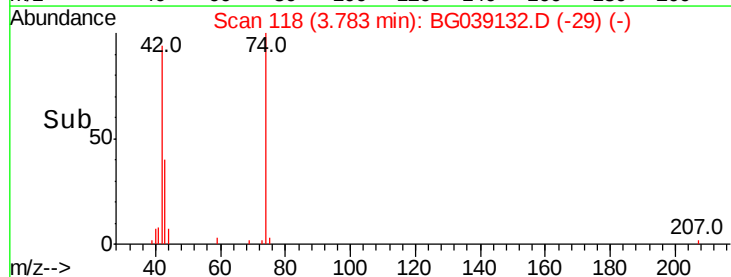
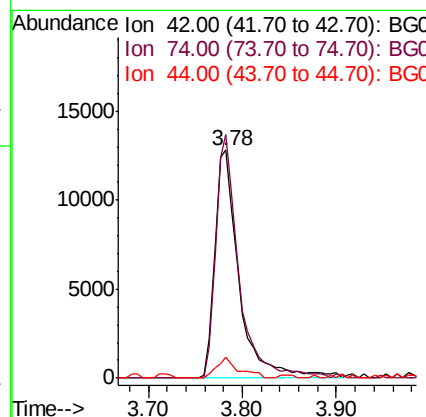
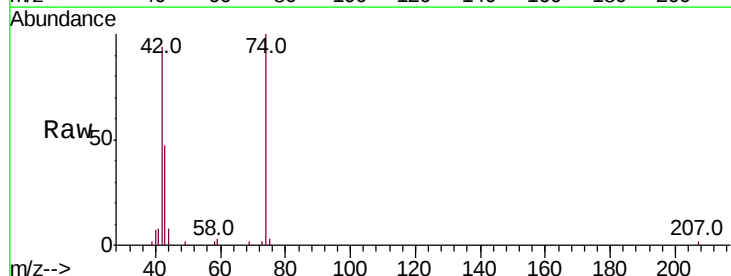
Manual Integrations
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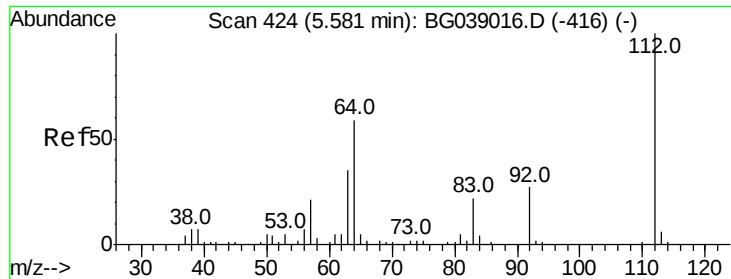
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#4
n-Nitrosodimethylamine
Concen: 45.352 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.8	90.7	136.1
44	8.9	6.5	9.7





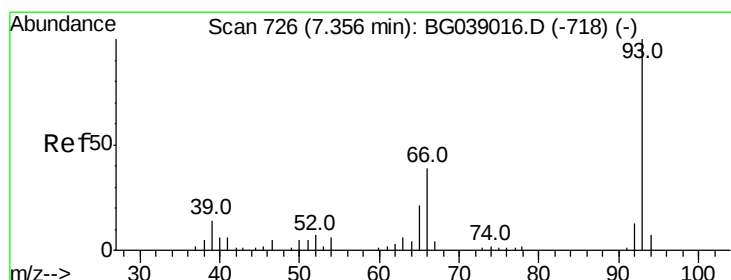
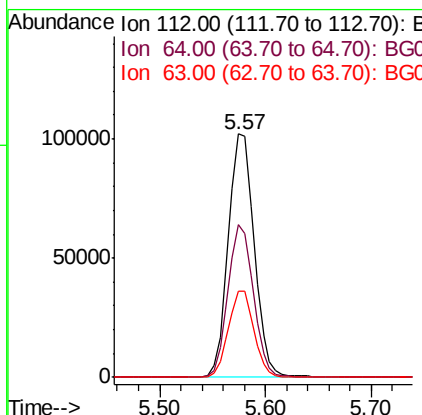
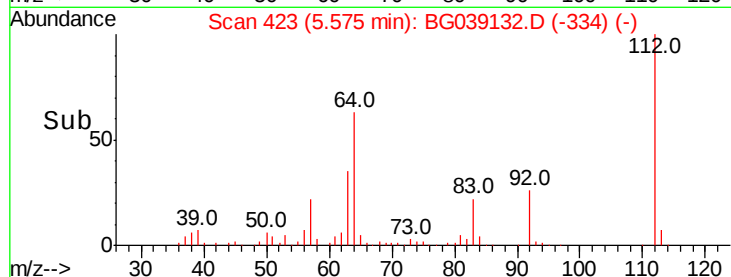
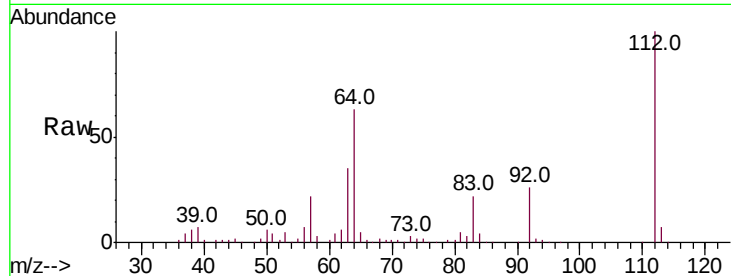
#5
 2-Fluorophenol
 Concen: 161.715 ng
 RT: 5.57 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:	112	Resp:	173046
Ion Ratio	Lower	Upper	
112	100		
64	62.6	47.0	70.6
63	35.3	28.0	42.0

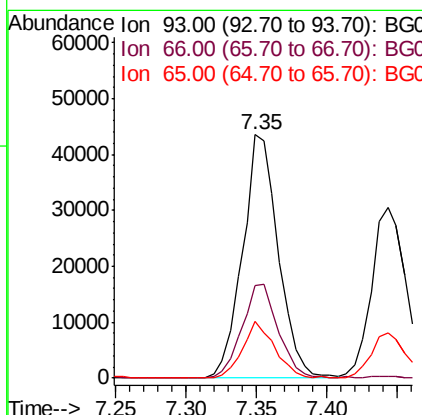
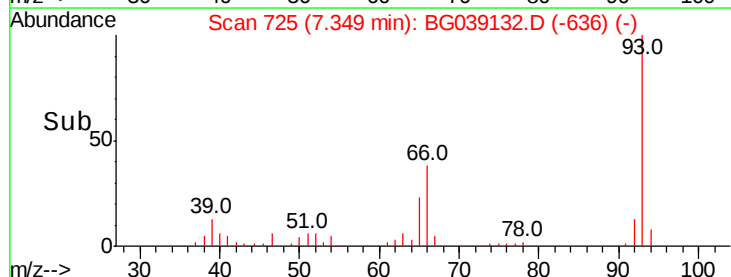
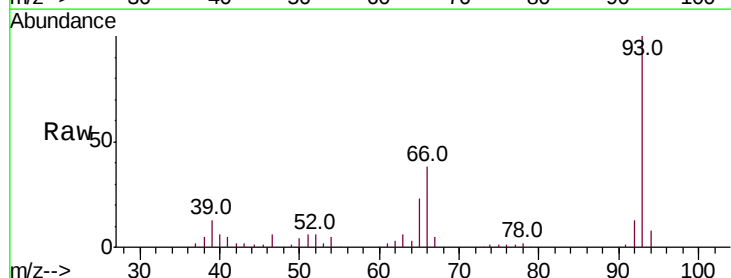
Manual Integrations
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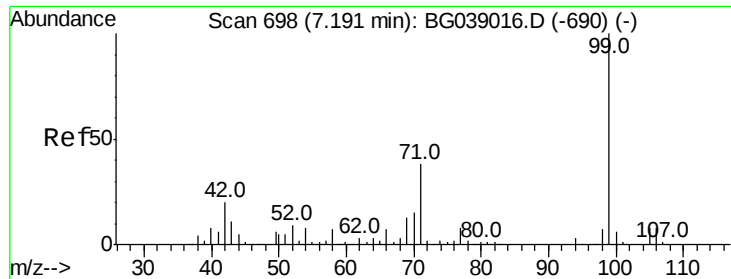
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#6
 Aniline
 Concen: 41.711 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:	93	Resp:	77142
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.9	46.3
65	23.3	17.0	25.4





#7

Phenol-d6

Concen: 203.526 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

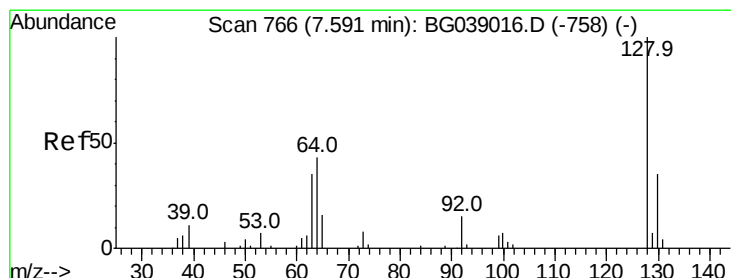
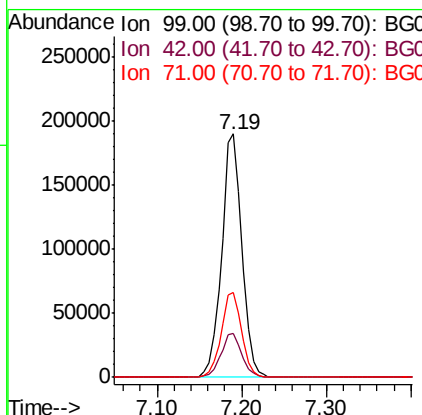
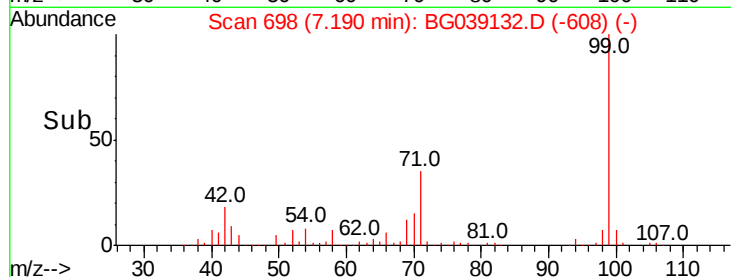
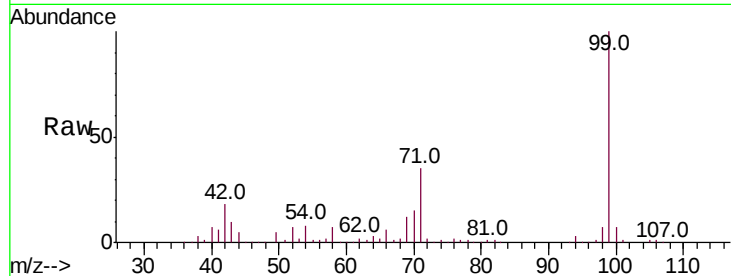
ClientSampled :

PB116382BS

Tot Ion:	99	Resp:	313423
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.8	23.6
71	34.7	30.2	45.4

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#8

2-Chlorophenol

Concen: 47.255 ng

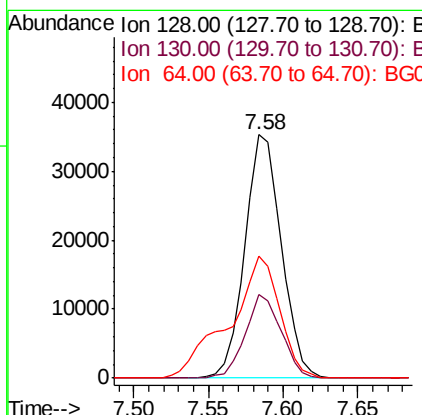
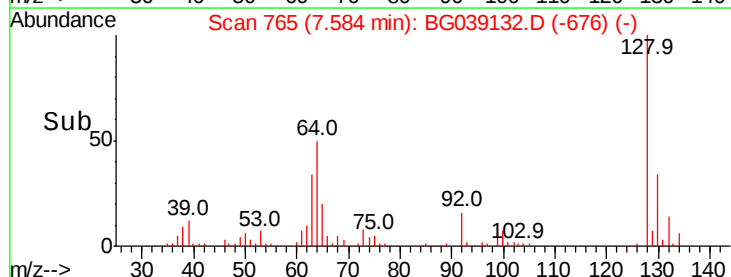
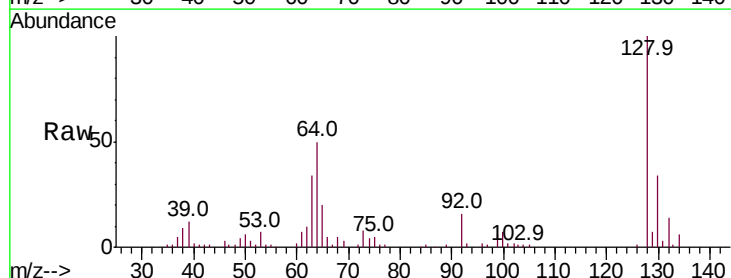
RT: 7.58 min Scan# 765

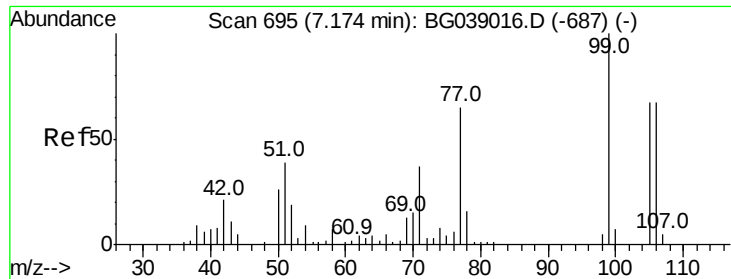
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	128	Resp:	59607
Ion Ratio	Lower	Upper	
128	100		
130	34.4	14.5	54.5
64	49.9	27.3	67.3





#9

Benzaldehyde

Concen: 20.291 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

PB116382BS

Tot Ion: 77 Resp: 18020

Ion Ratio Lower Upper

77 100

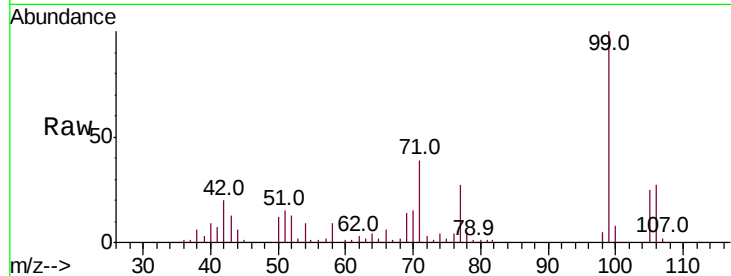
105 92.9 82.4 122.4

106 101.9 82.8 122.8

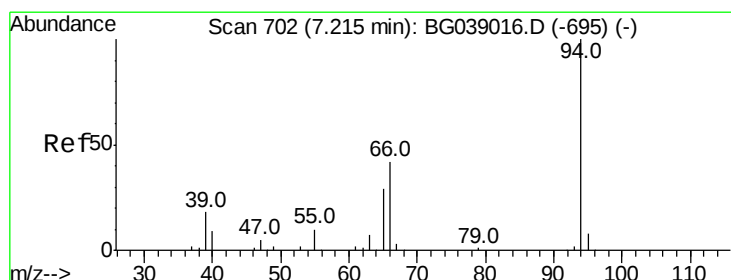
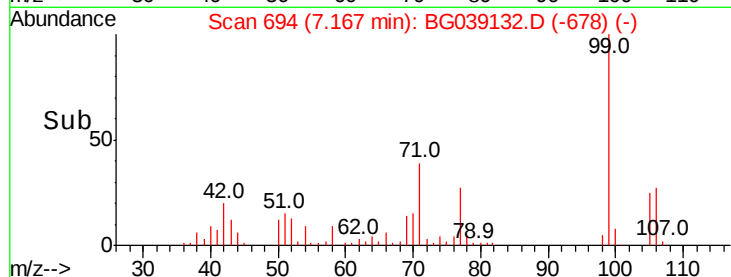
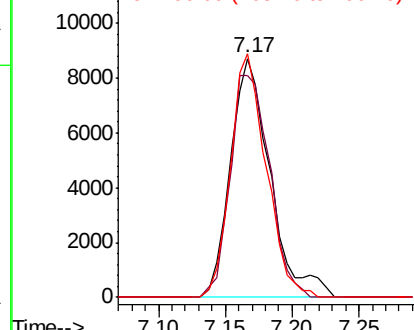
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 62.561 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

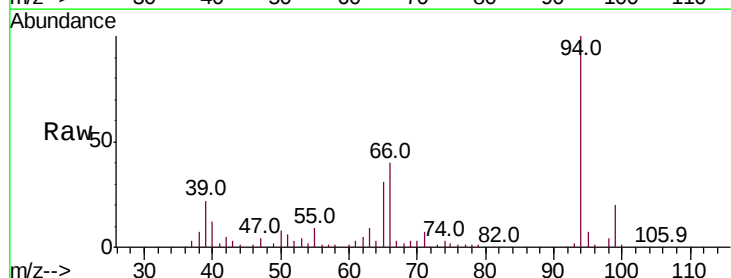
Tgt Ion: 94 Resp: 96591

Ion Ratio Lower Upper

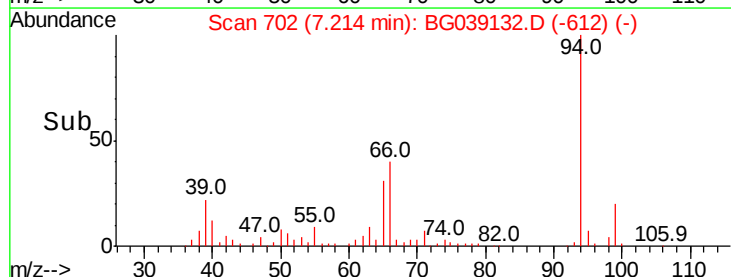
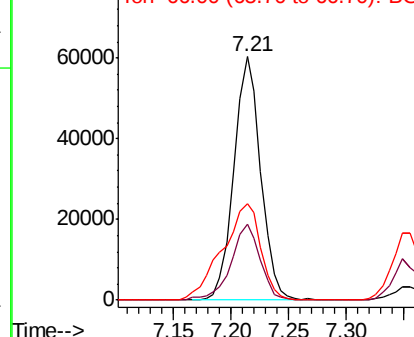
94 100

65 31.1 10.3 50.3

66 39.6 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





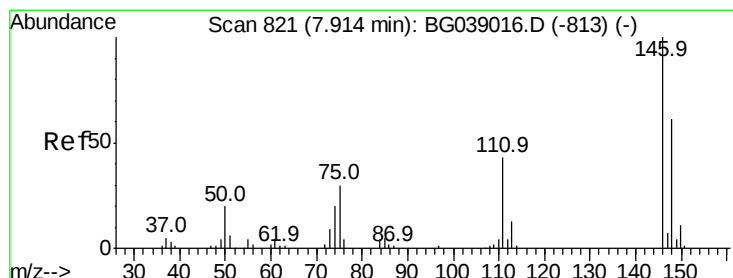
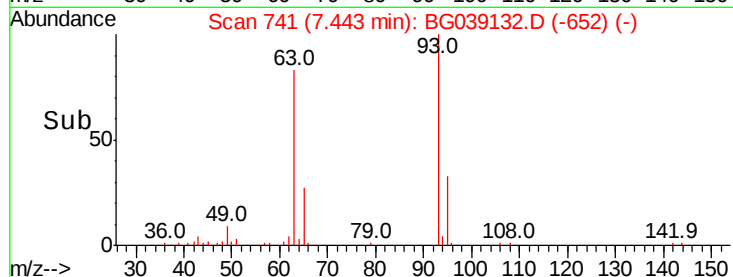
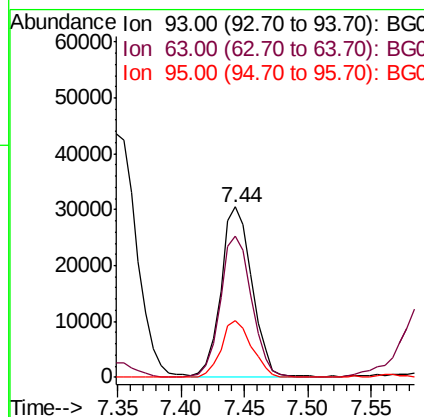
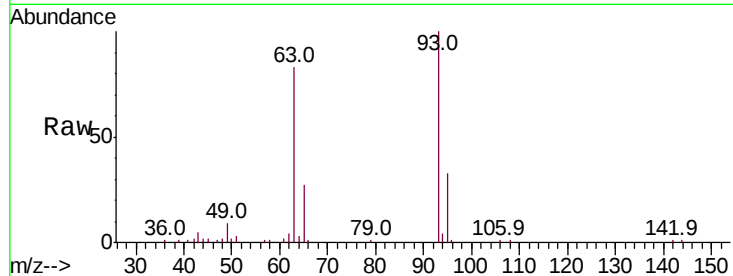
#11
bis(2-Chloroethyl)ether
Concen: 44.114 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	63.2	103.2
95	33.4	11.2	51.2

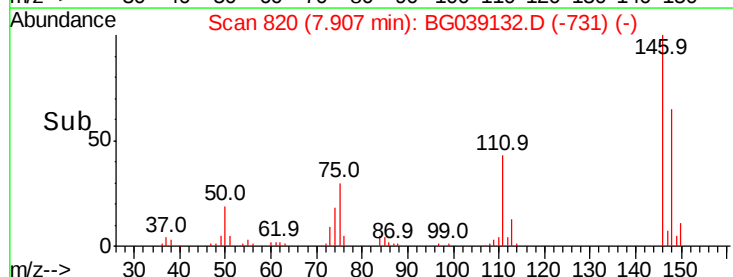
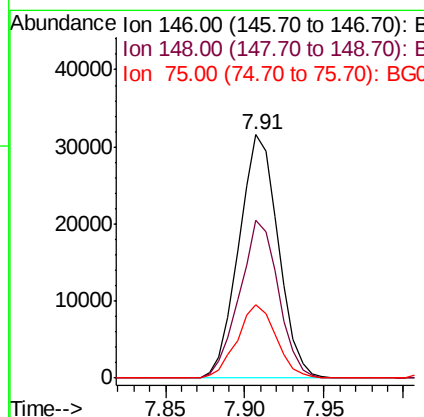
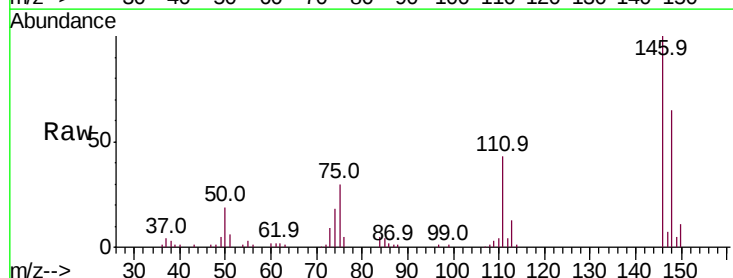
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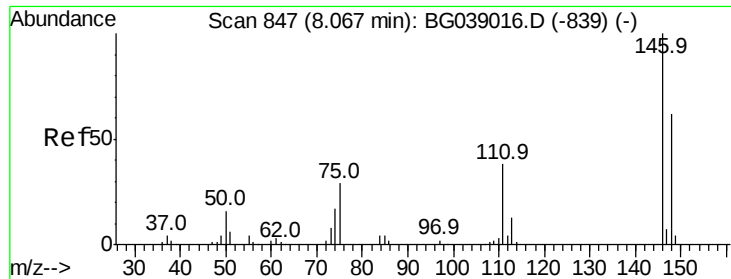
Sohil
1/16/2019 2:06:00 PM



#12
1,3-Dichlorobenzene
Concen: 36.057 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.1	73.7
75	30.0	23.9	35.9





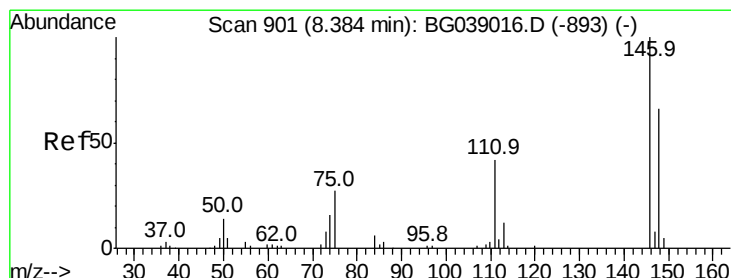
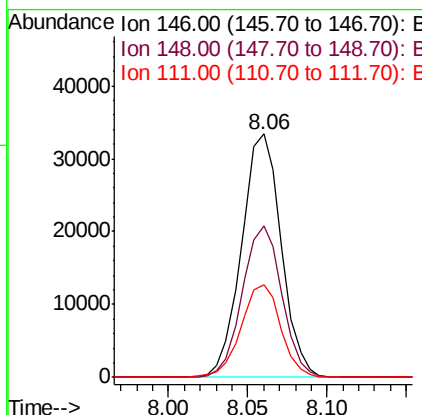
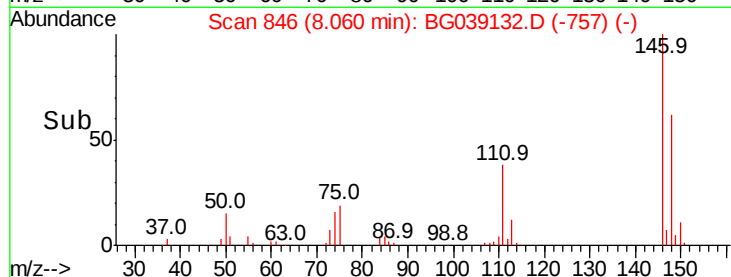
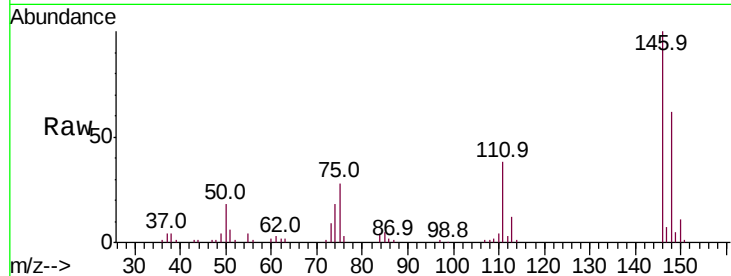
#13
 1,4-Dichlorobenzene
 Concen: 37.869 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.6
111	37.9	30.6	45.8

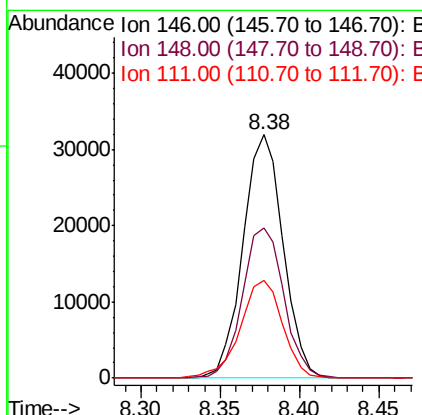
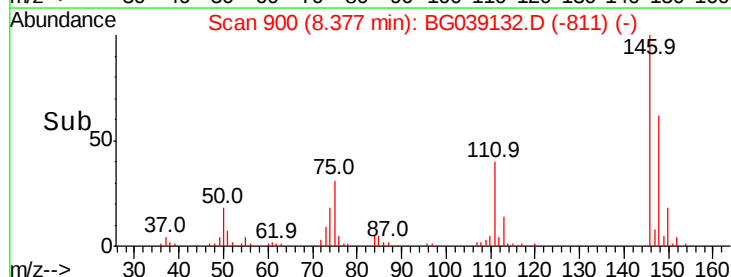
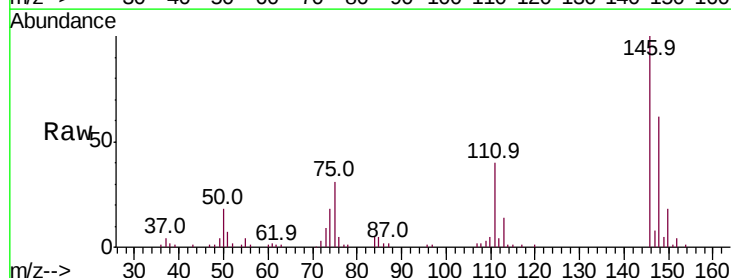
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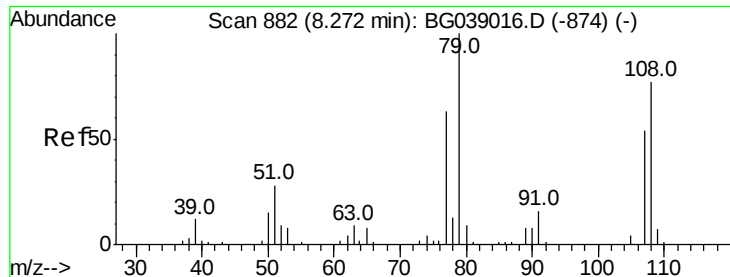
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.484 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.6	79.0
111	40.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 44.689 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

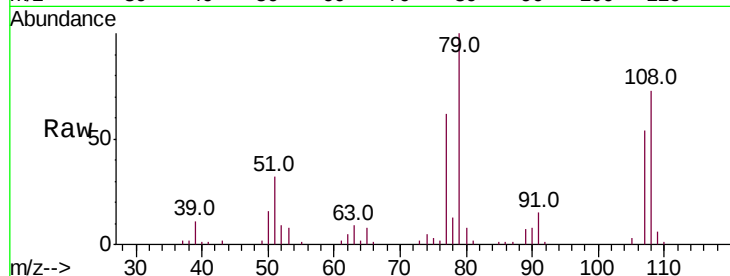
ClientSampleId :

PB116382BS

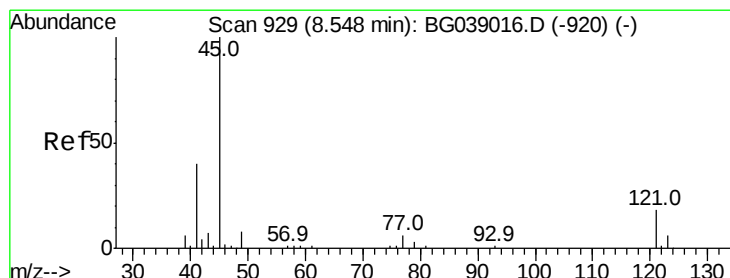
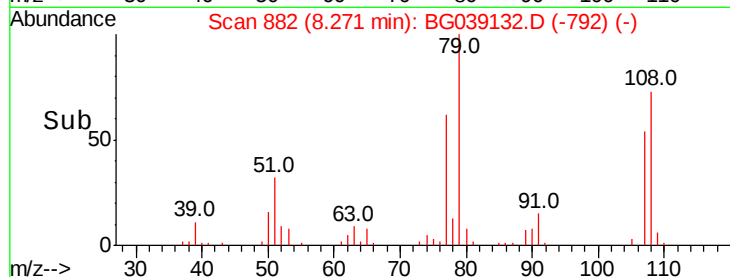
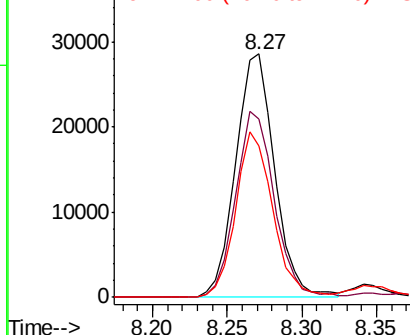
Tot Ion:	79	Resp:	51826
Ion Ratio	Lower	Upper	
79	100		
108	73.4	62.0	93.0
77	62.1	50.1	75.1

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.108 ng

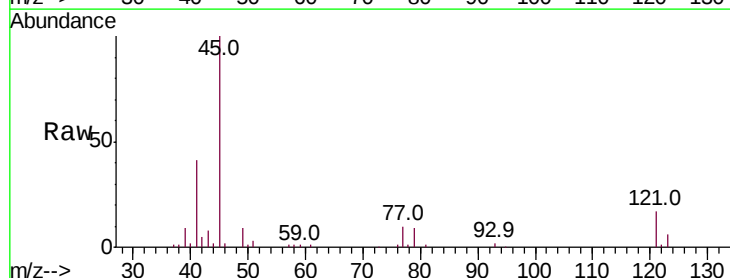
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

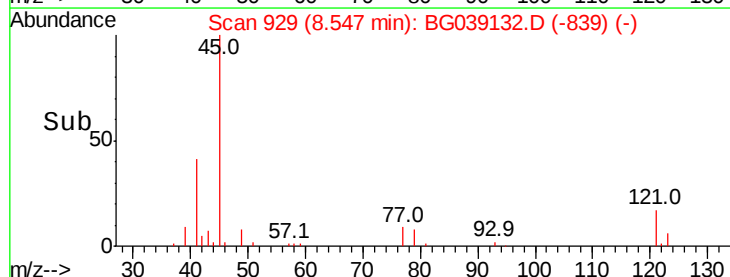
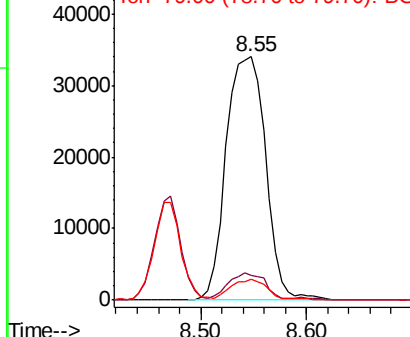
Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	45	Resp:	88490
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.7
79	8.7	0.0	28.5



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





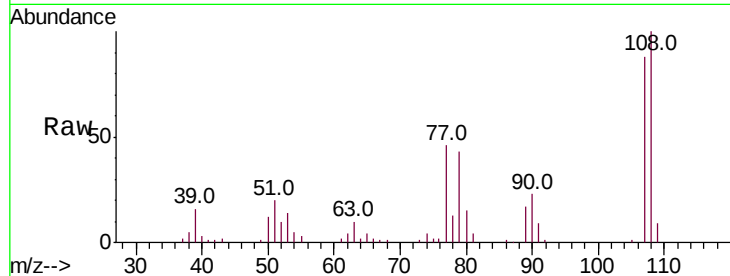
#17
2-Methylphenol
Concen: 46.527 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.3	135.5
77	51.6	38.3	57.5
79	48.3	35.8	53.6

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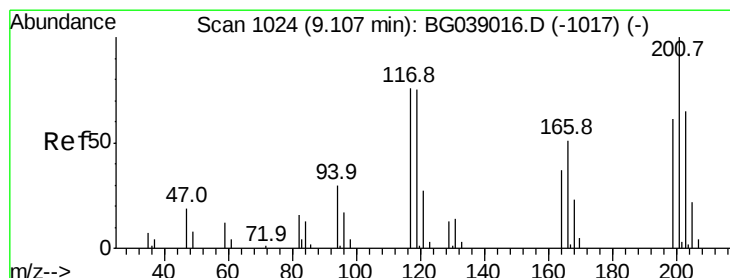
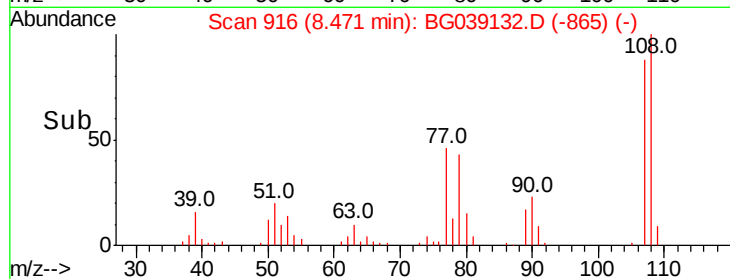
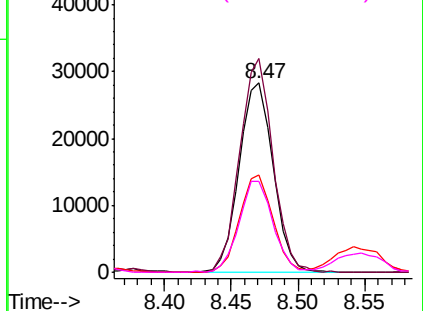
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.585 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

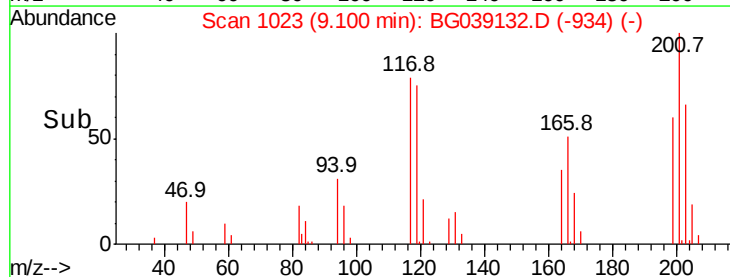
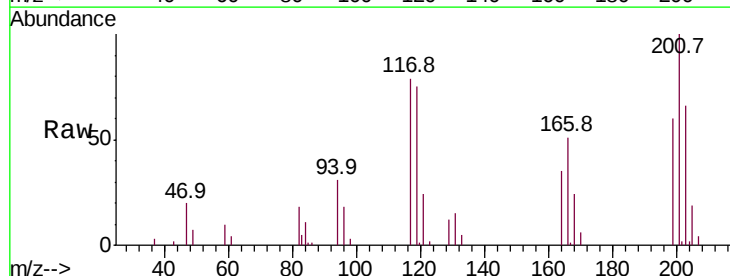
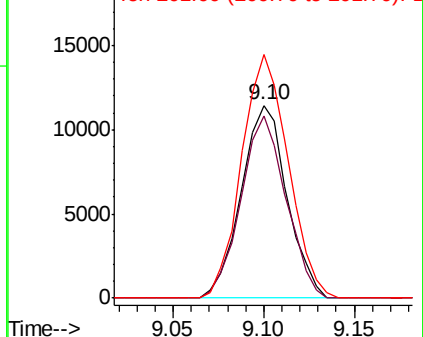
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.7	118.1
201	128.7	108.1	162.1

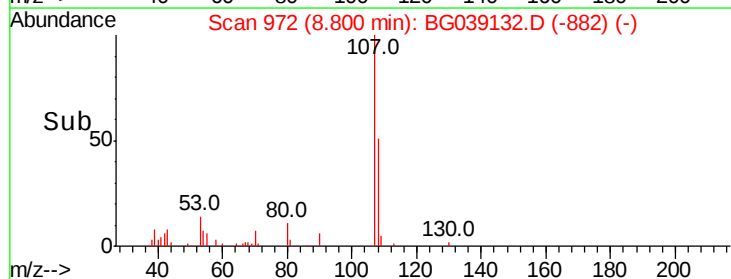
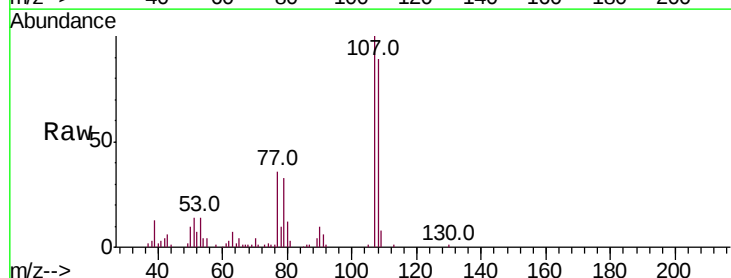
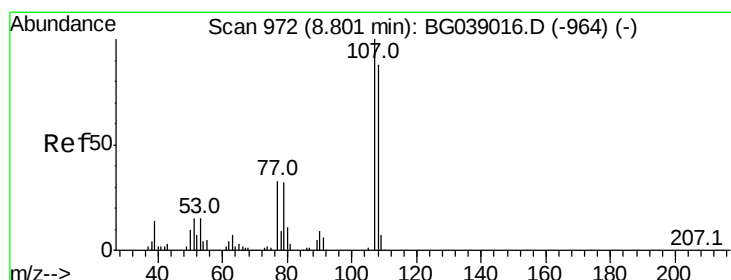
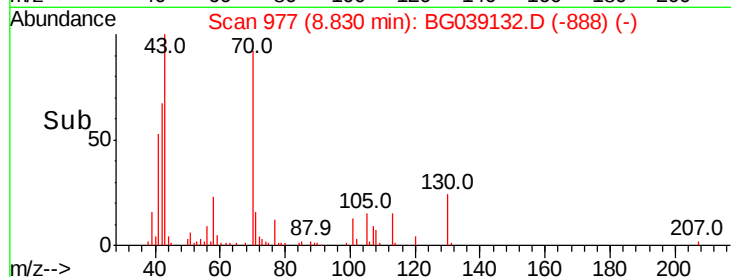
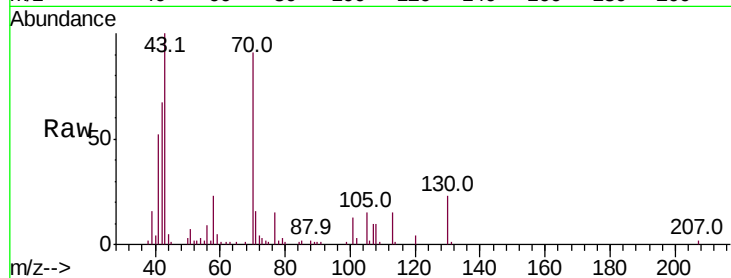
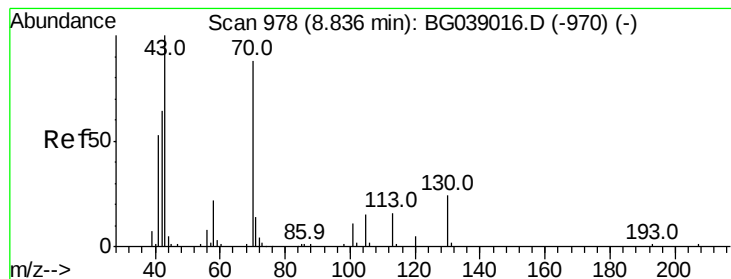
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.559 ng

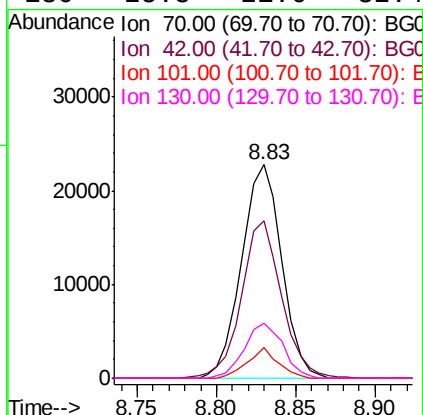
RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	73.5	59.0	88.4		
101	14.4	10.4	15.6		
130	25.8	21.6	32.4		



Instrument :

BNA_G

ClientSampleId :

PB116382BS

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#20

3+4-Methylphenols

Concen: 45.894 ng

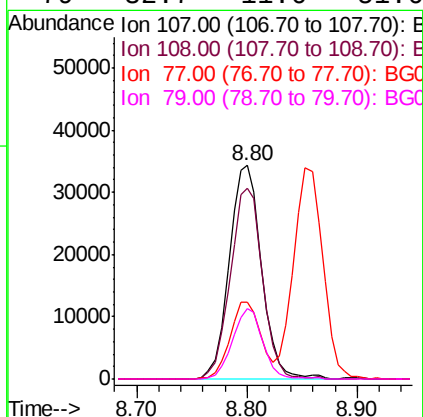
RT: 8.80 min Scan# 972

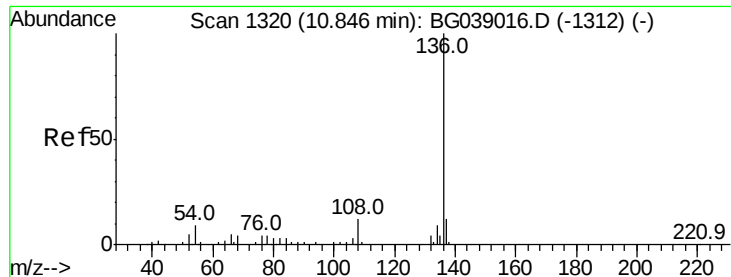
Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	68.4	108.4		
77	36.2	13.3	53.3		
79	32.7	11.6	51.6		





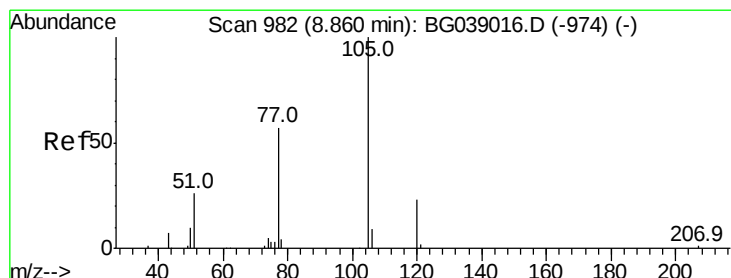
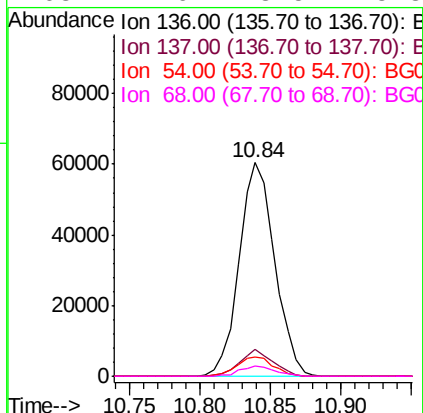
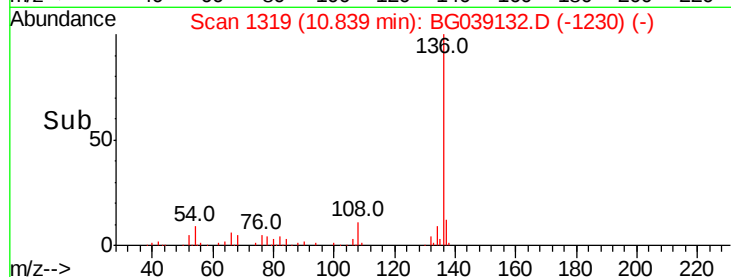
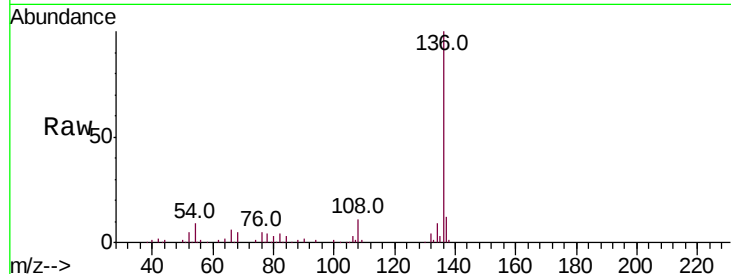
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	106193		
137	12.5		9.4	14.2
54	9.5		7.2	10.8
68	4.6		3.5	5.3

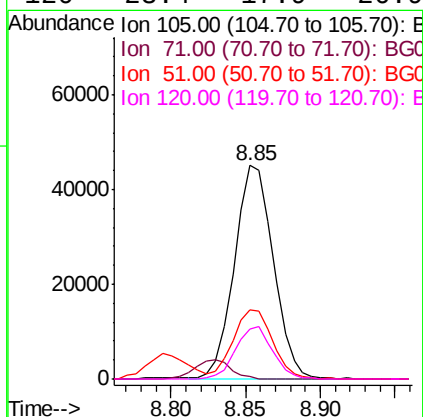
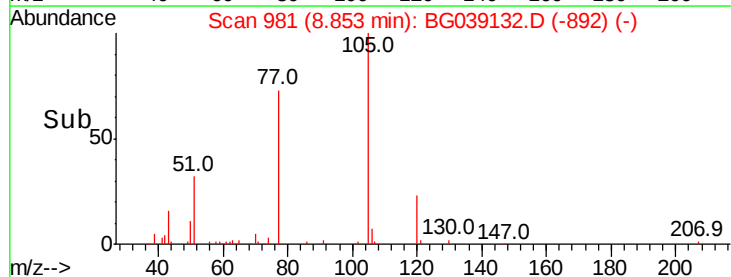
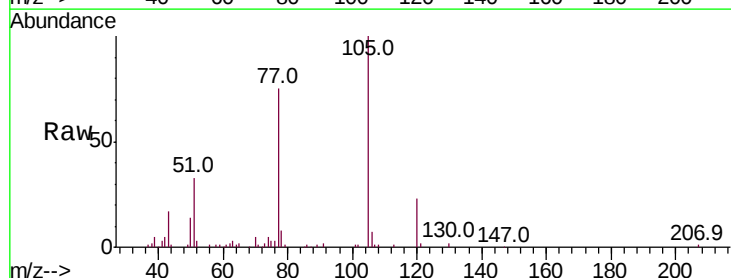
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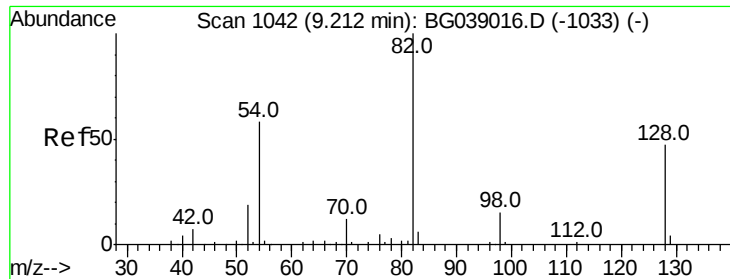
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#22
Acetophenone
Concen: 29.516 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	81854		
71	1.2		0.6	1.0#
51	32.6		26.6	39.8
120	23.4		17.9	26.9





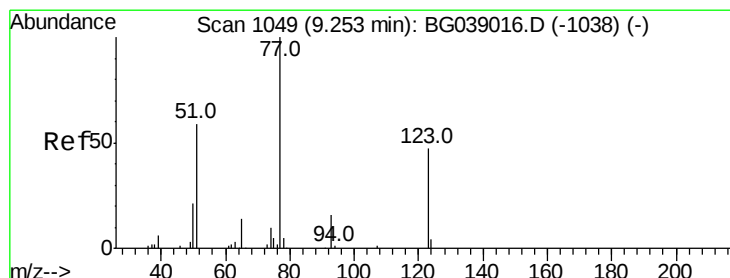
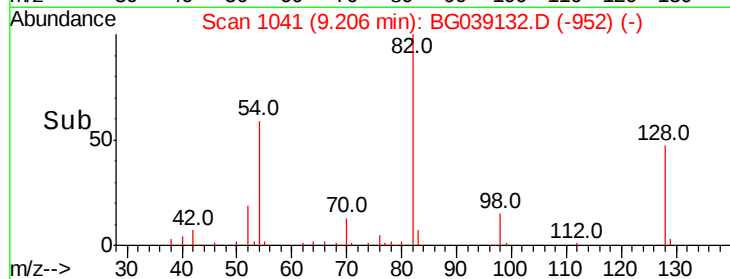
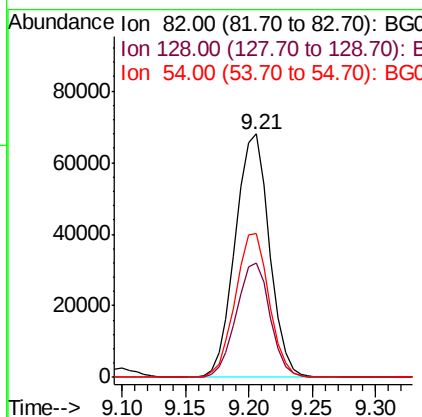
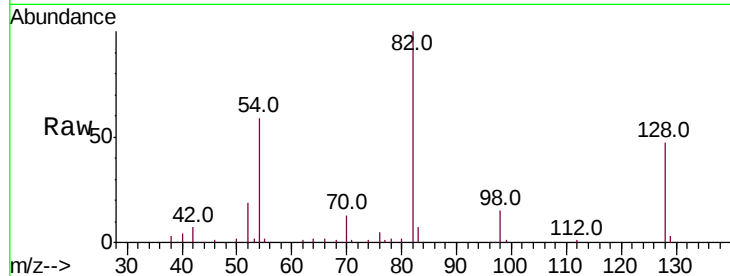
#23
Nitrobenzene-d5
Concen: 65.575 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.3	55.9
54	59.2	46.4	69.6

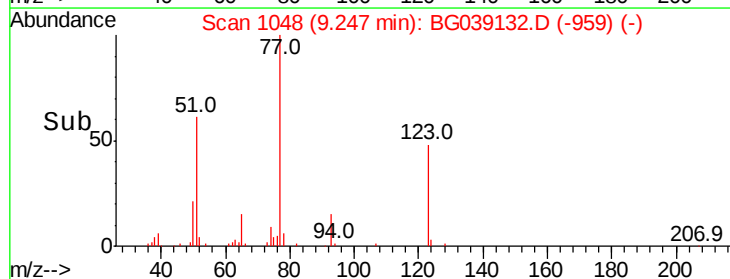
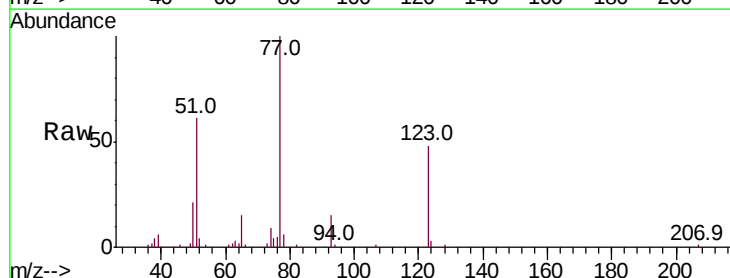
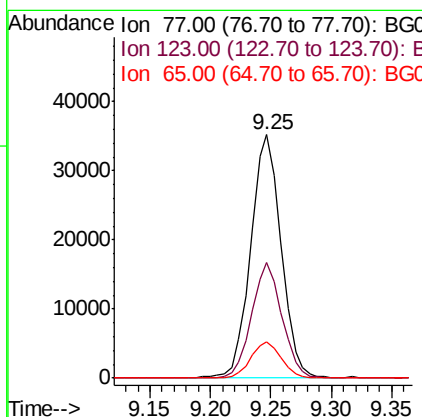
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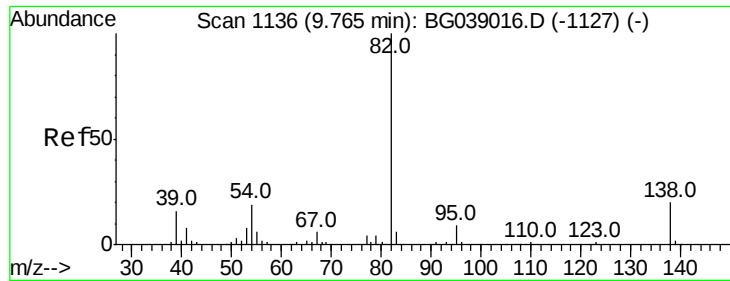
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#24
Nitrobenzene
Concen: 31.532 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.6	56.4
65	15.1	11.0	16.6





#25

Isophorone

Concen: 43.581 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

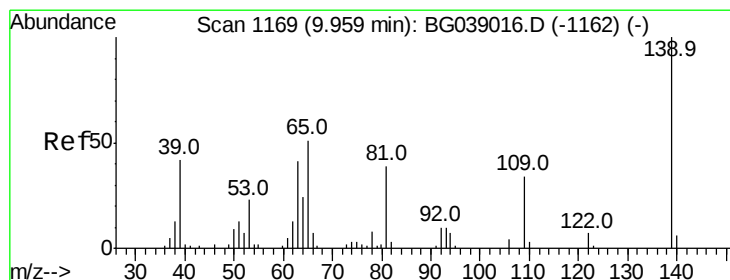
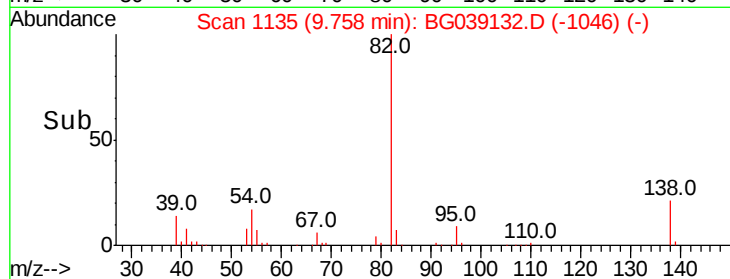
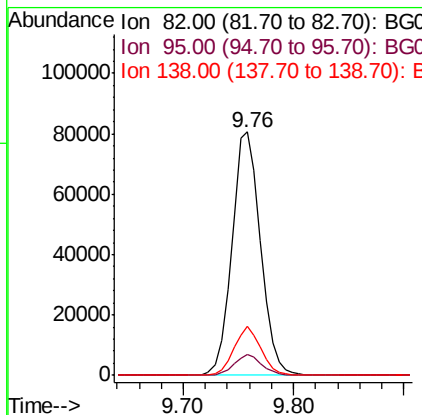
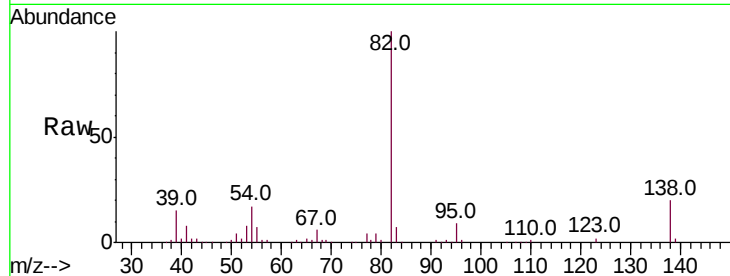
ClientSampleId :

PB116382BS

Tot Ion:	82	Resp:	145687
Ion Ratio	Lower	Upper	
82	100		
95	8.6	7.0	10.6
138	19.9	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.577 ng

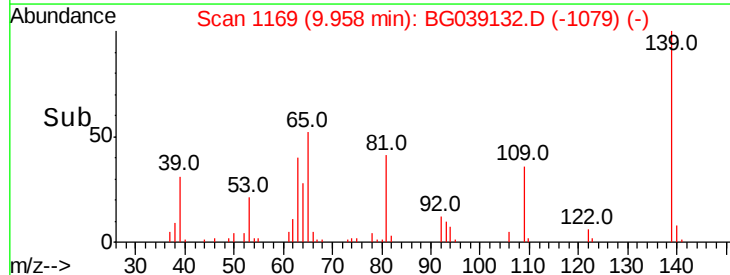
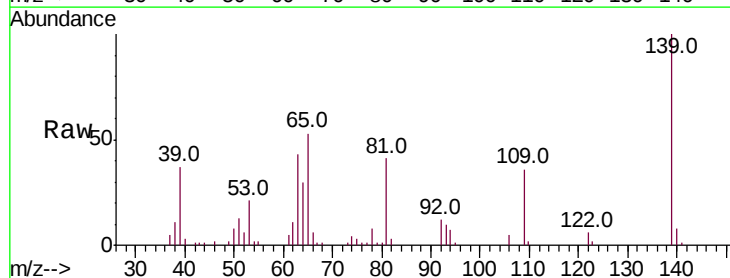
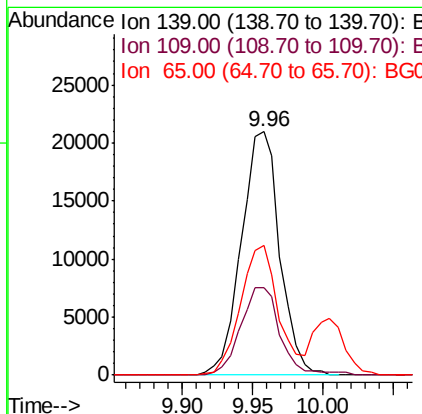
RT: 9.96 min Scan# 1169

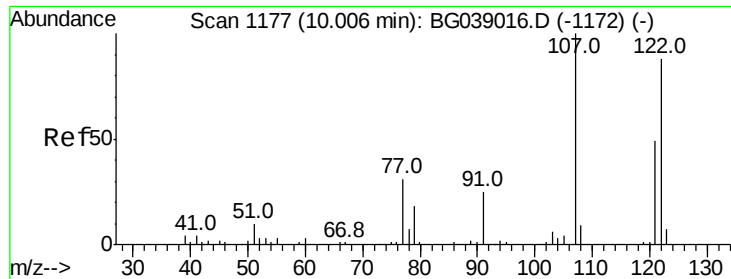
Delta R.T. -0.00 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	139	Resp:	39870
Ion Ratio	Lower	Upper	
139	100		
109	35.7	27.3	40.9
65	53.2	40.6	61.0





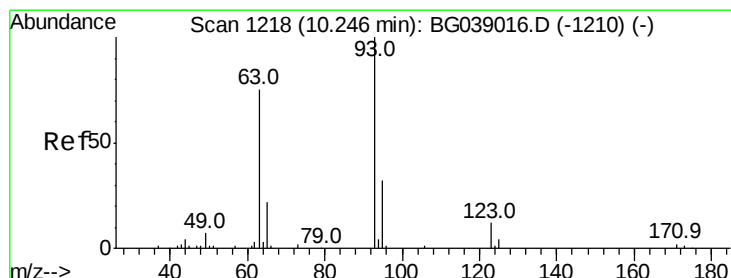
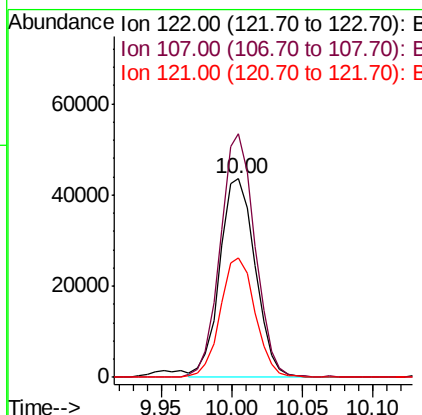
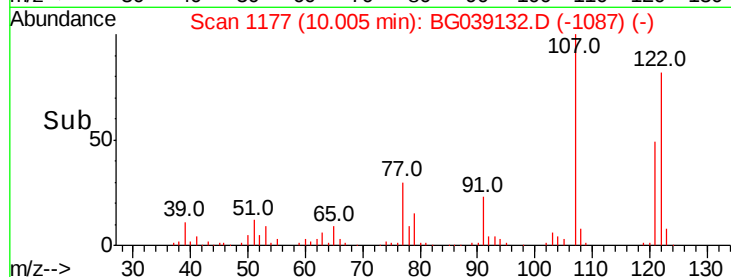
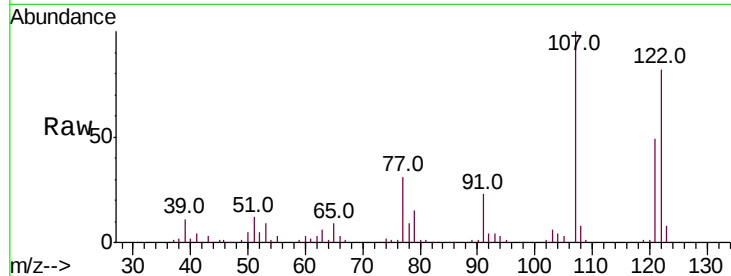
#27
 2,4-Dimethylphenol
 Concen: 51.177 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:	122	Resp:	76393
Ion Ratio	Lower	Upper	
122	100		
107	122.6	88.8	133.2
121	60.0	43.1	64.7

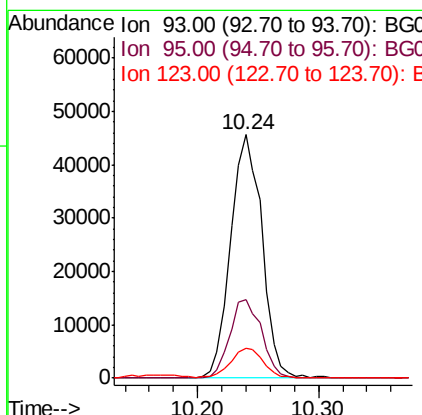
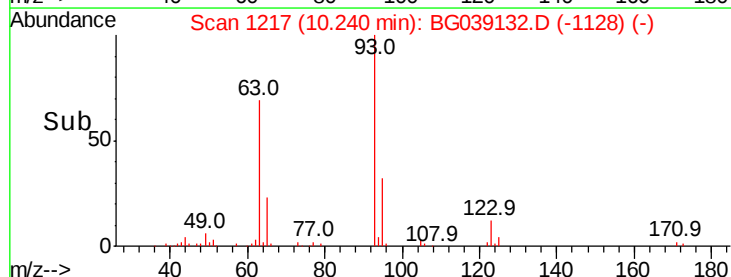
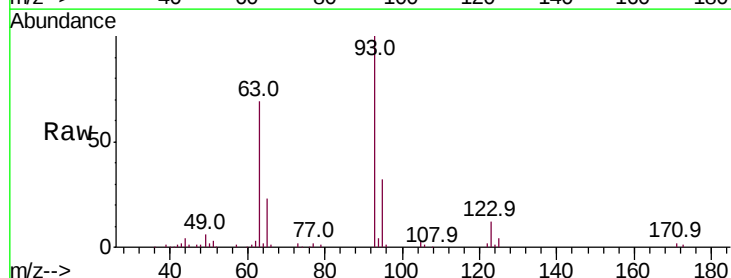
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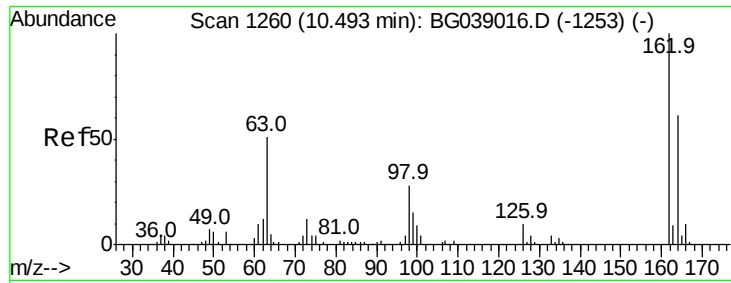
Sohil
 1/16/2019 2:06:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.091 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:	93	Resp:	82556
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.6	38.4
123	12.3	10.1	15.1





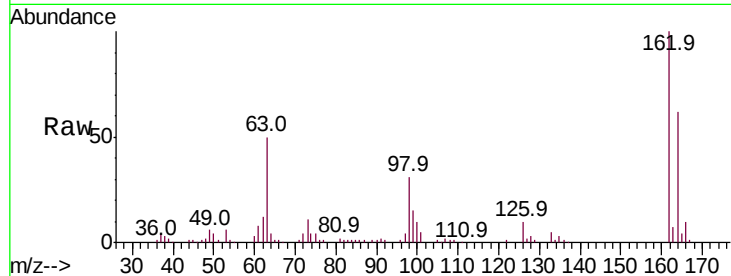
#29
 2,4-Dichlorophenol
 Concen: 44.120 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	41.3	81.3
98	31.3	8.3	48.3

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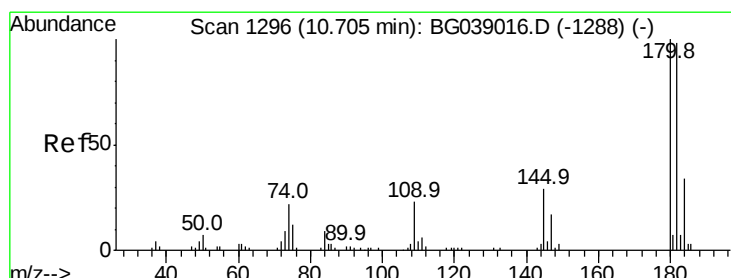
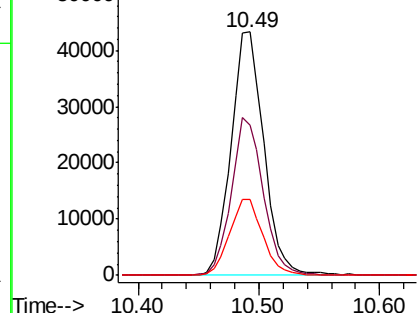
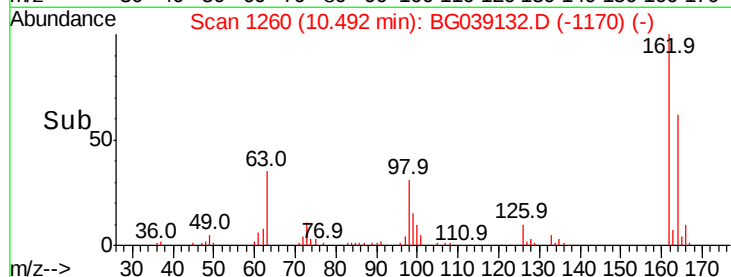


Abundance

Ion 162.00 (161.70 to 162.70): E

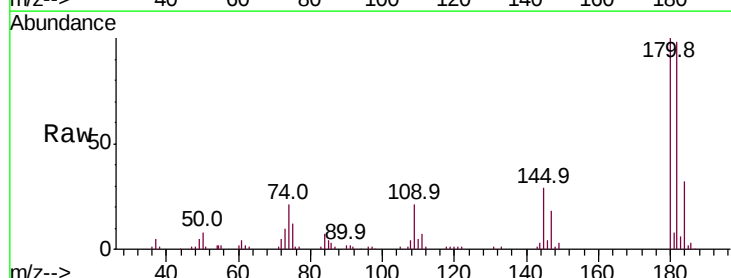
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 32.468 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.1	117.1
145	29.0	23.1	34.7

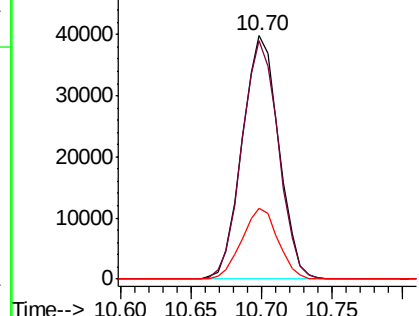
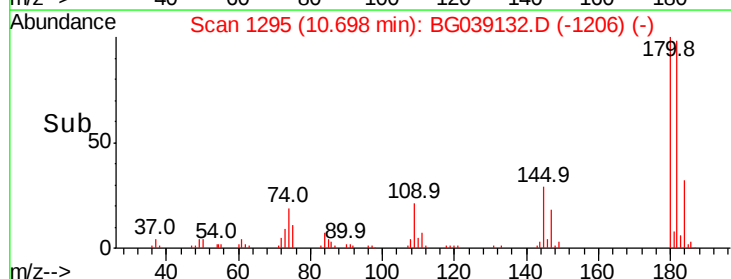


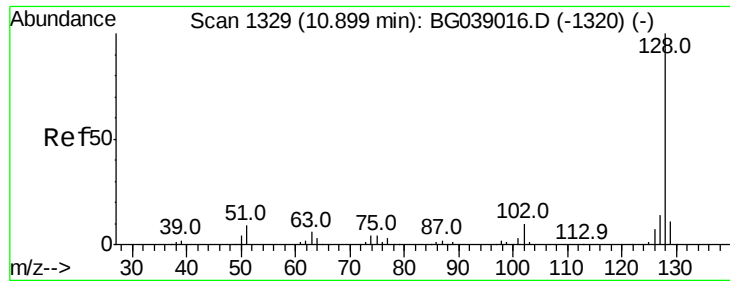
Abundance

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





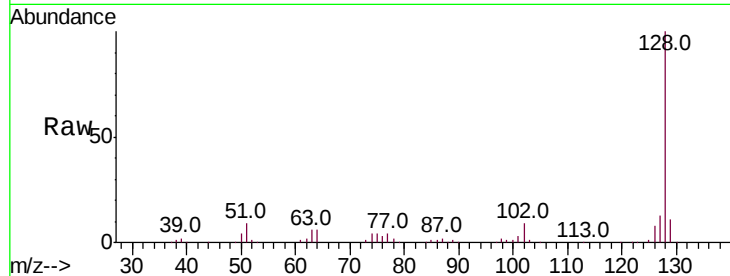
#31
Naphthalene
Concen: 40.247 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.3	11.2	16.8

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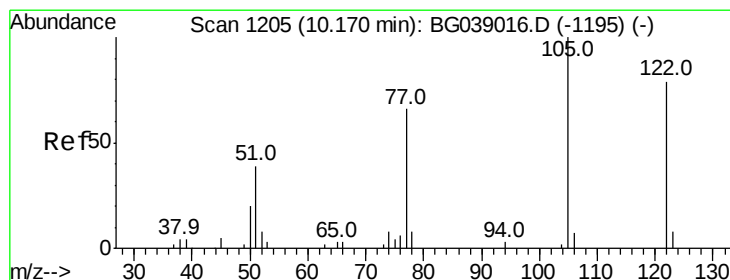
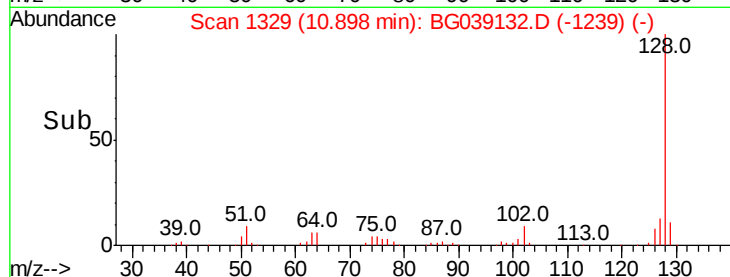
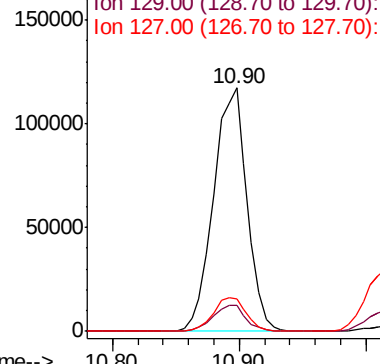


Abundance

Ion 128.00 (127.70 to 128.70): E

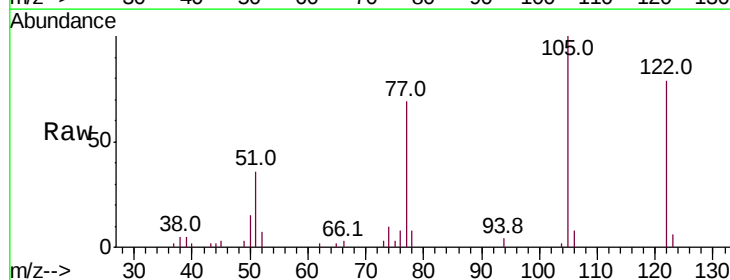
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.015 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	106.4	146.4
77	86.8	63.6	103.6

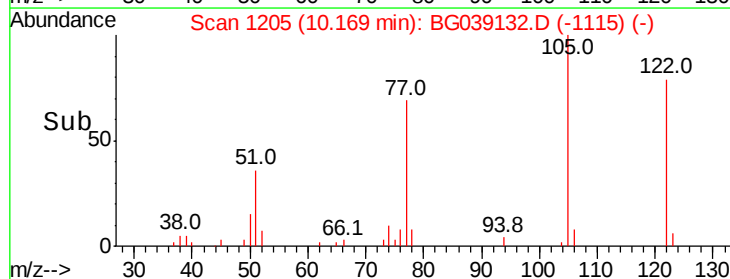
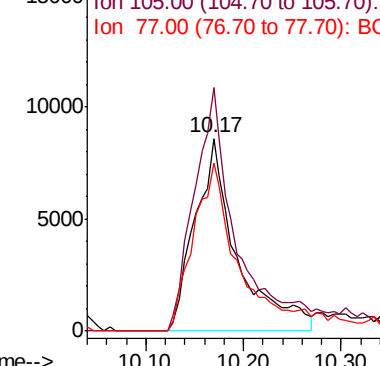


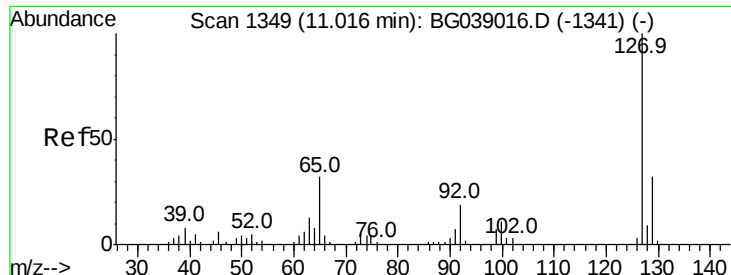
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





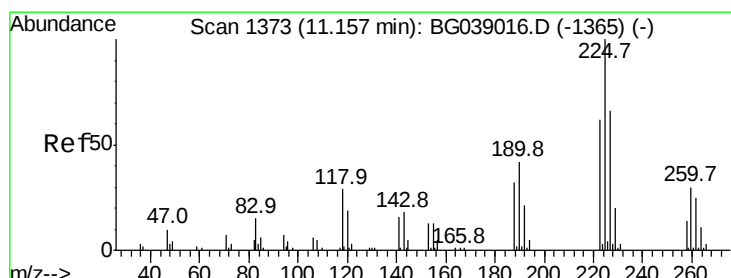
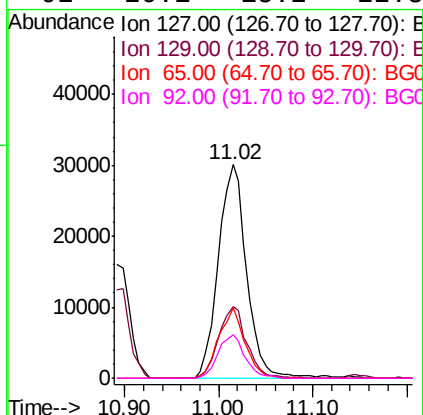
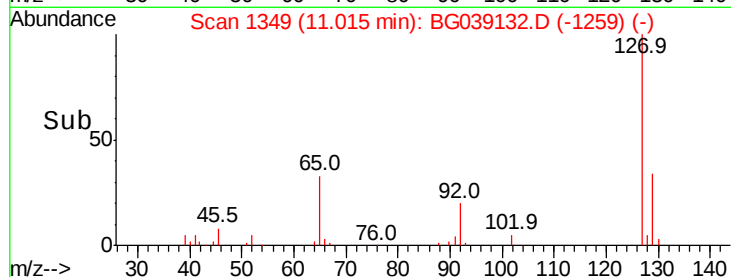
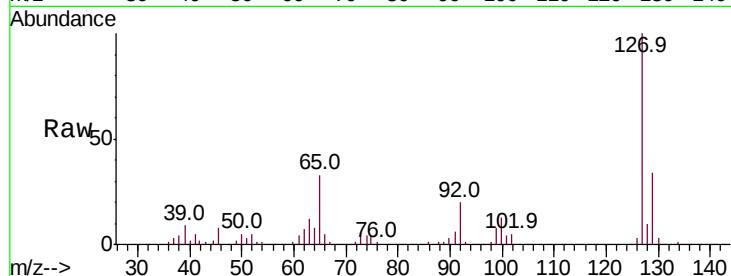
#33
4-Chloroaniline
Concen: 26.533 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.0
65	32.7	25.4	38.0
92	20.1	15.2	22.8

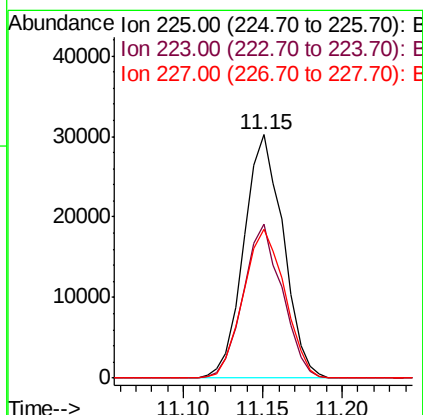
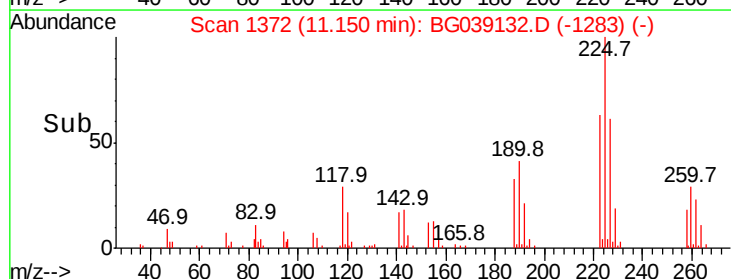
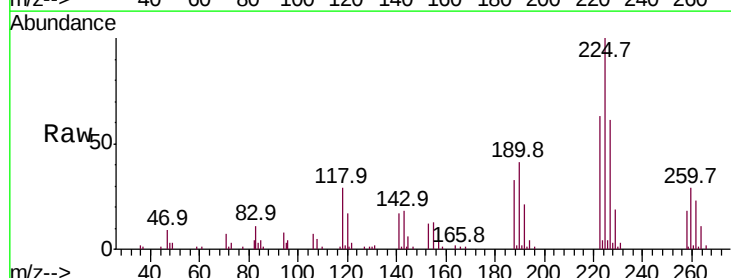
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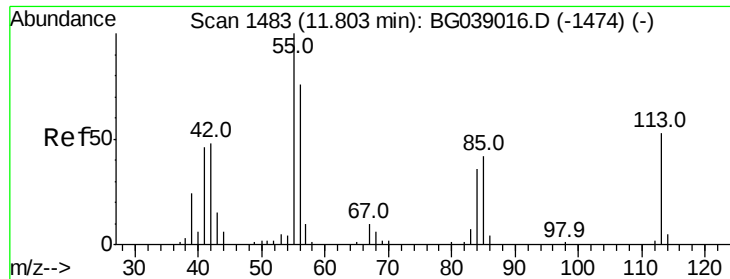
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#34
Hexachlorobutadiene
Concen: 34.082 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.4
227	64.4	53.2	79.8





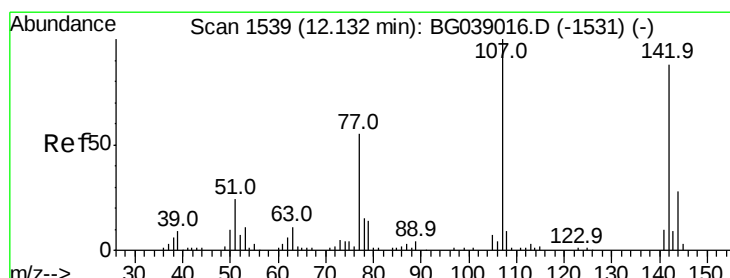
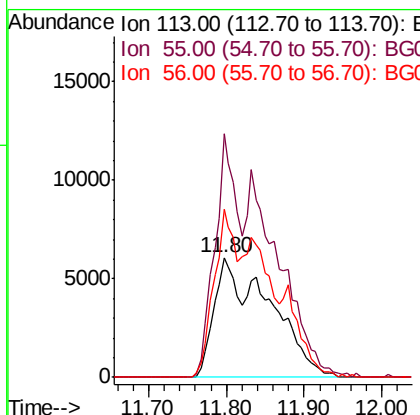
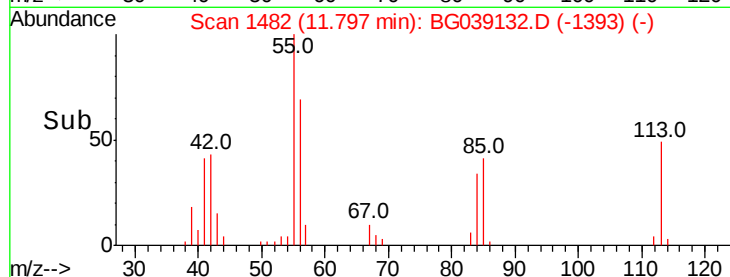
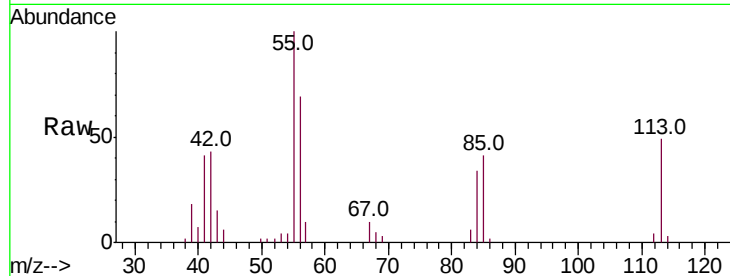
#35
Caprolactam
Concen: 40.640 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion:113 Resp: 30221
Ion Ratio Lower Upper
113 100
55 203.1 168.6 208.6
56 139.7 123.2 163.2

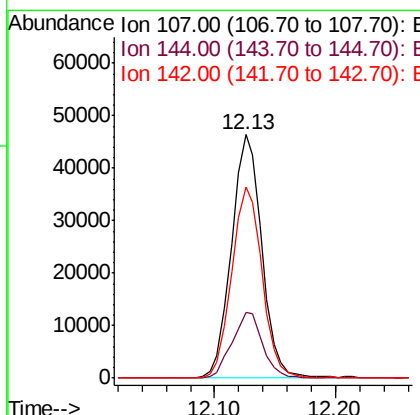
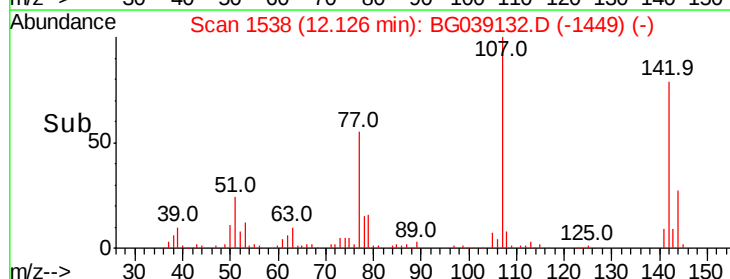
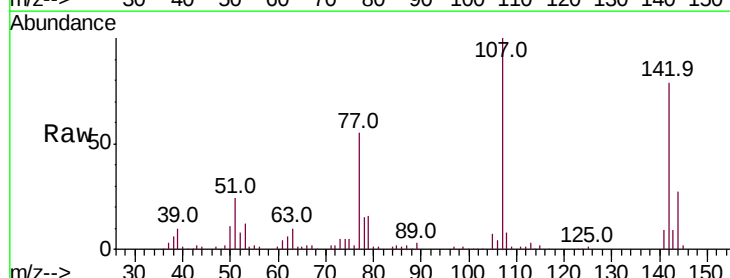
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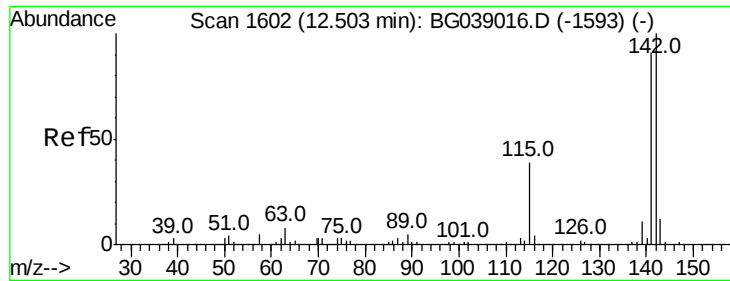
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#36
4-Chloro-3-methylphenol
Concen: 40.918 ng
RT: 12.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion:107 Resp: 81158
Ion Ratio Lower Upper
107 100
144 26.8 22.6 34.0
142 78.5 70.2 105.4





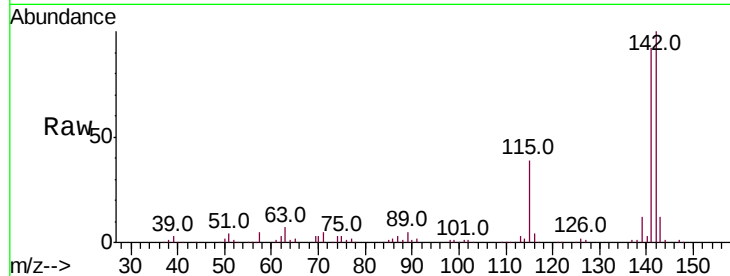
#37
2-Methylnaphthalene
Concen: 47.874 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	109.0
115	39.1	31.1	46.7

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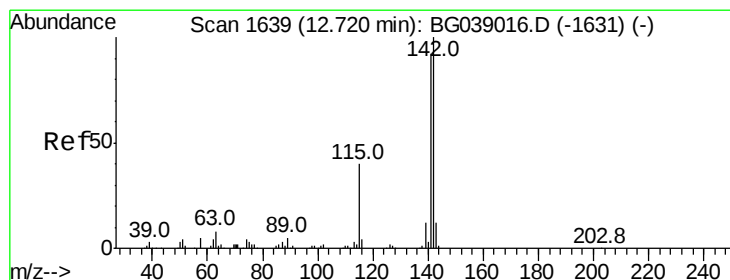
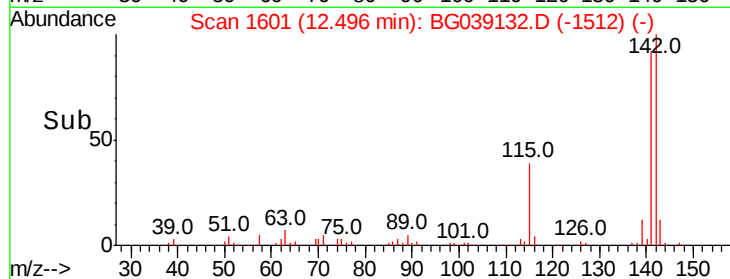
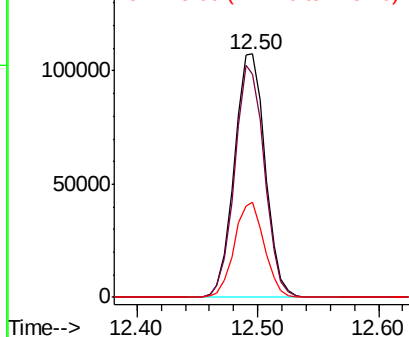


Abundance

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: 40.890 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

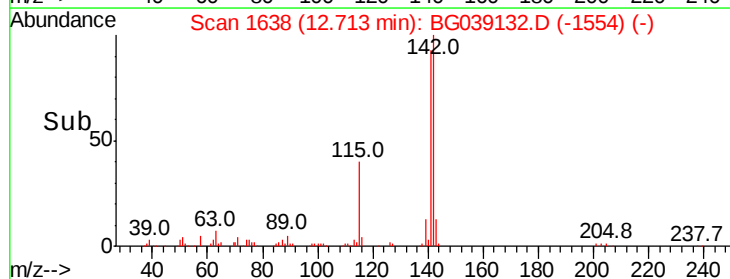
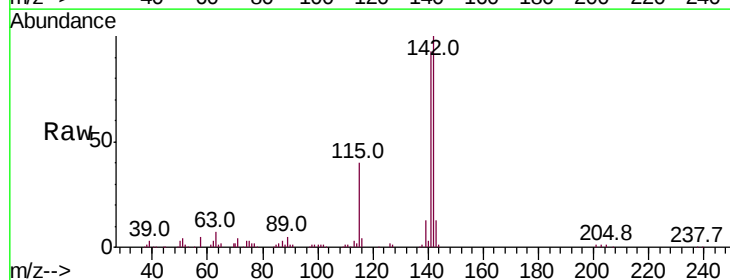
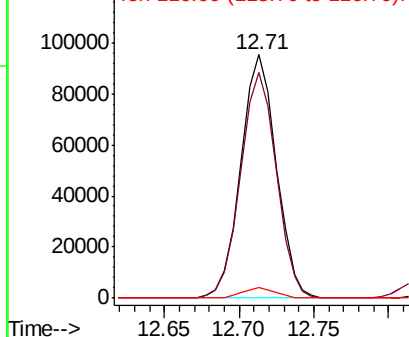
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.3	109.9
116	4.1	3.1	4.7

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





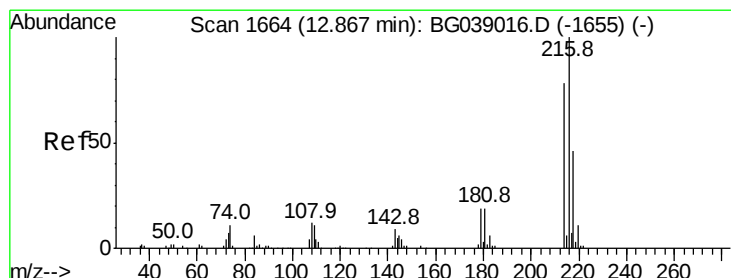
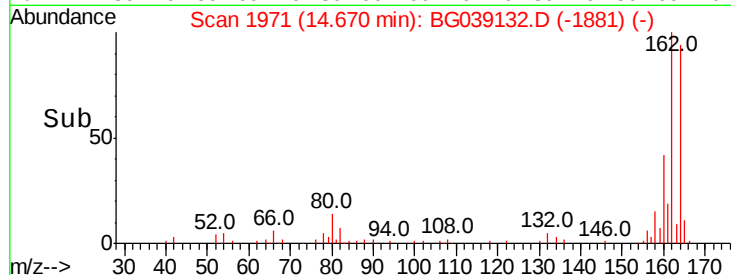
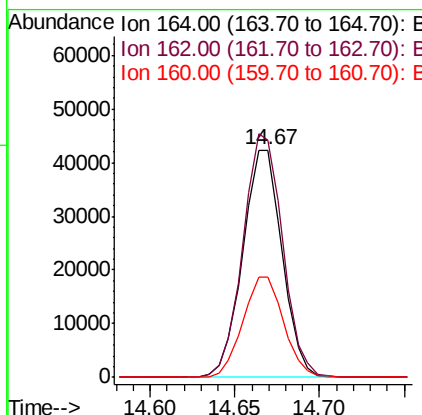
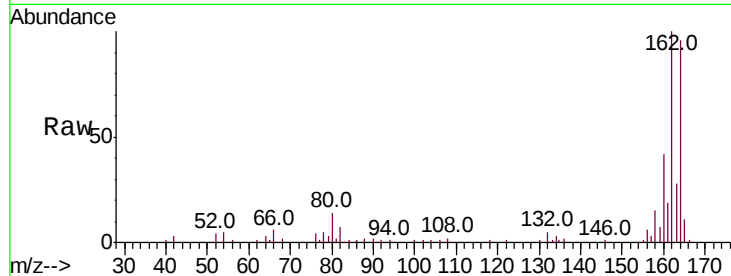
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.2	130.8
160	44.3	33.3	49.9

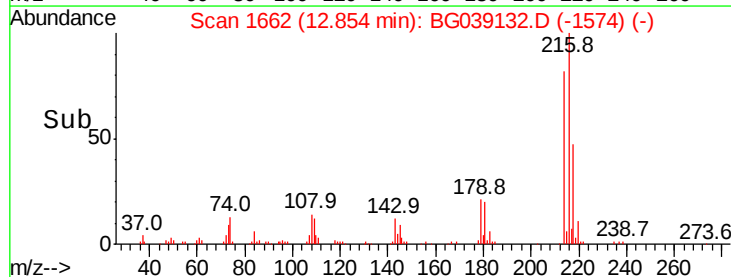
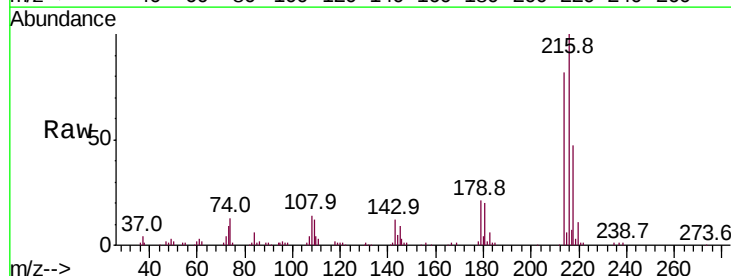
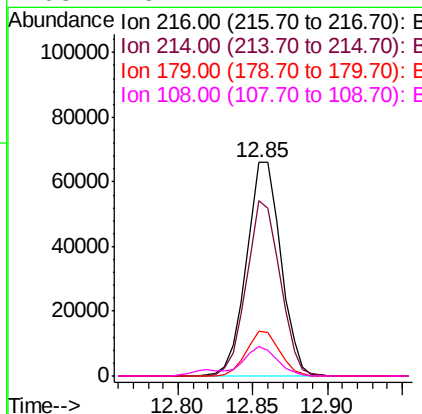
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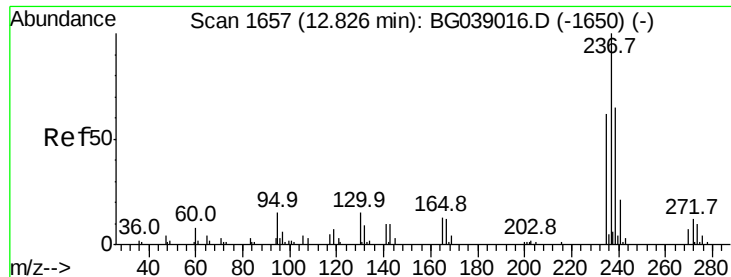
Sohil
1/16/2019 2:06:00 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.813 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	20.1	15.5	23.3
108	15.7	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 80.817 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

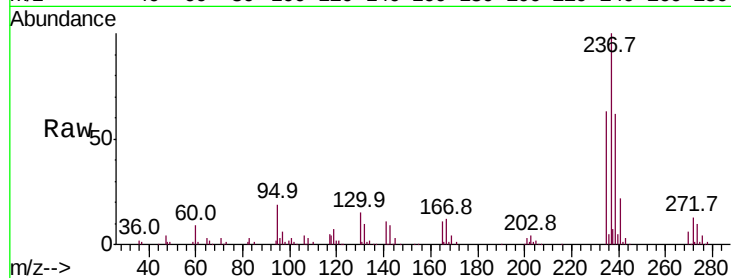
ClientSampleId :

PB116382BS

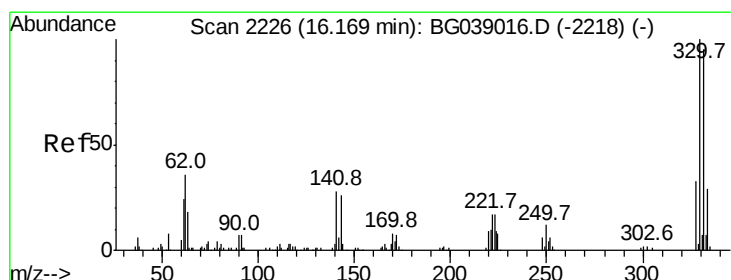
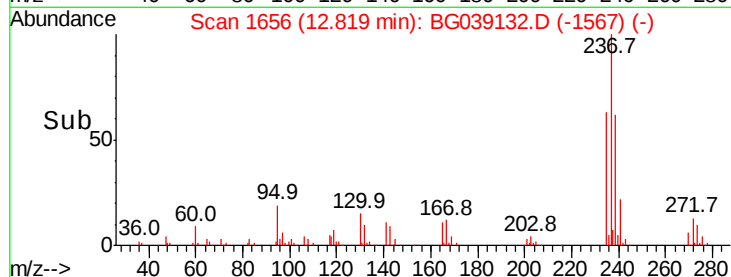
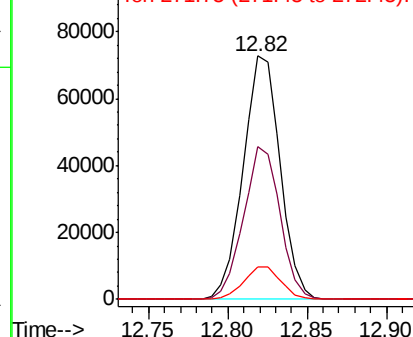
Tot Ion:	237	Resp:	117506
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.7	81.7
272	13.2	0.0	32.1

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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: 148.993 ng

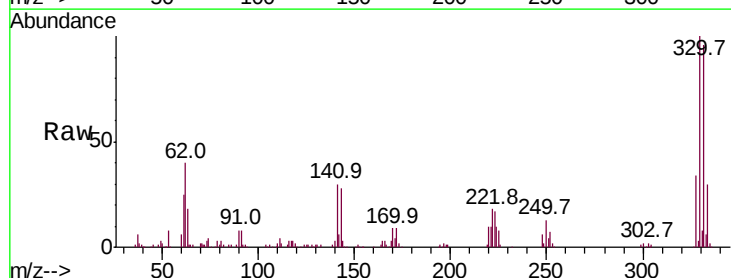
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

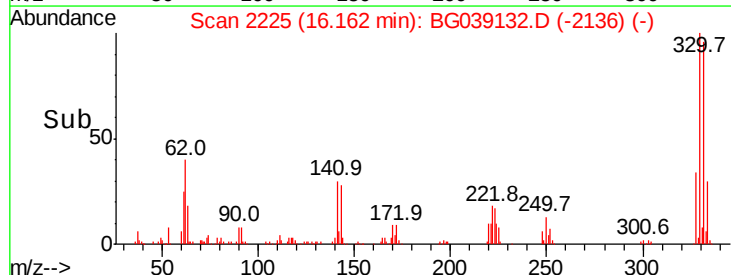
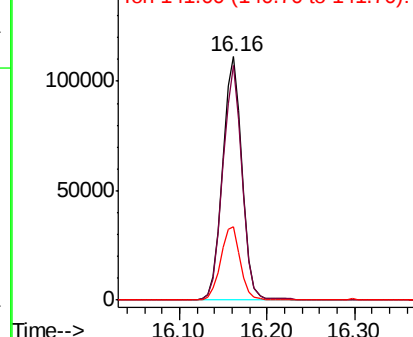
Lab File: BG039132.D

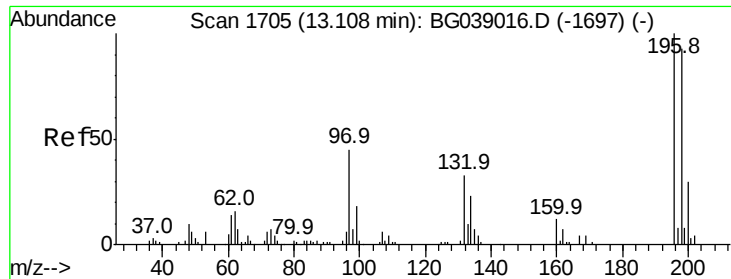
Acq: 15 Jan 2019 14:35

Tgt Ion:	330	Resp:	171548
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	30.4	24.9	37.3



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





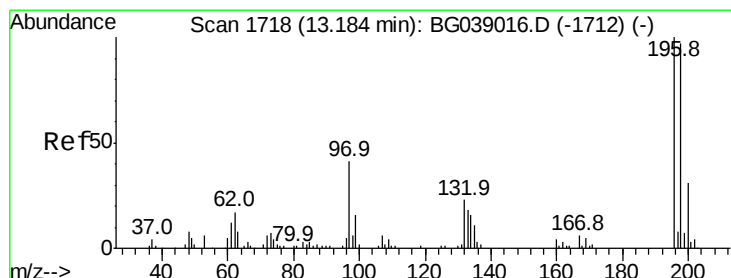
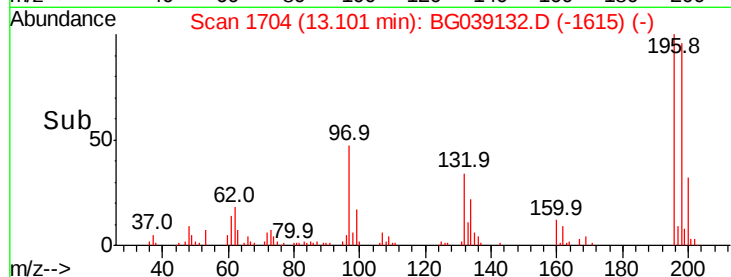
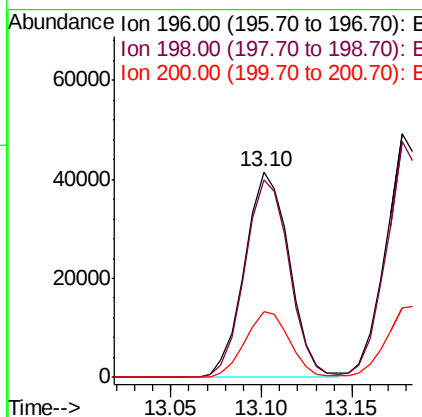
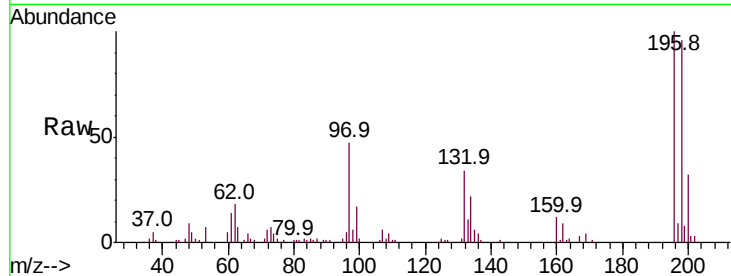
#43
 2,4,6-Trichlorophenol
 Concen: 43.764 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71052		
198	96.3	74.5	111.7	
200	31.9	23.8	35.6	

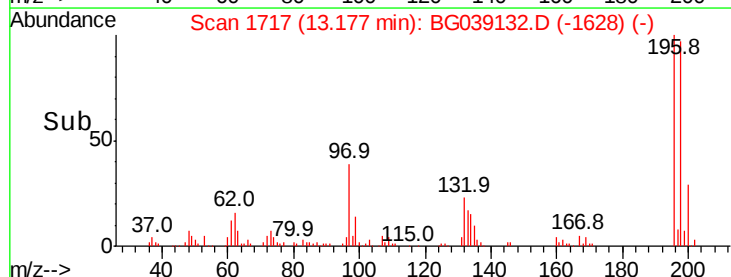
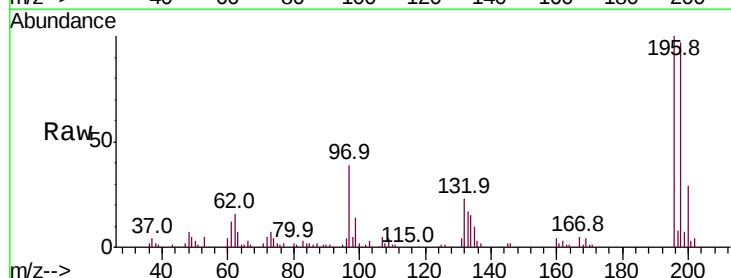
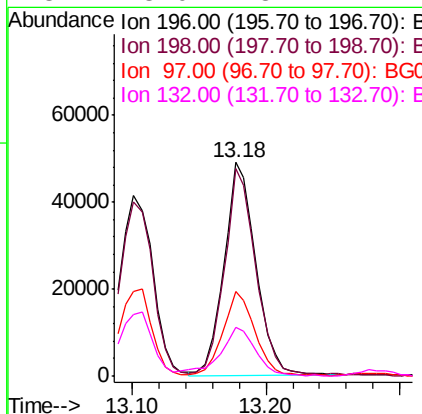
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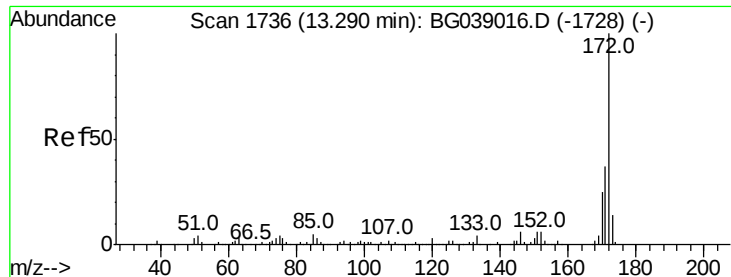
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 47.487 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81485		
198	97.0	78.1	117.1	
97	39.4	33.2	49.8	
132	23.0	18.2	27.4	





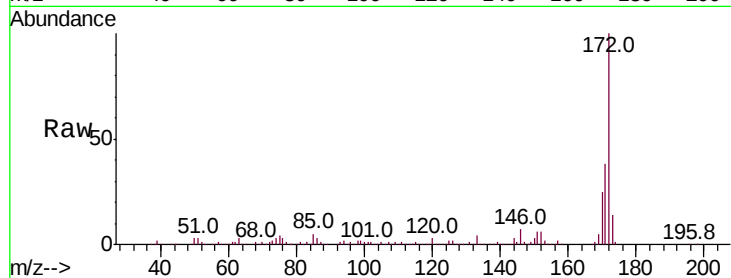
#45
2-Fluorobiphenyl
Concen: 84.959 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

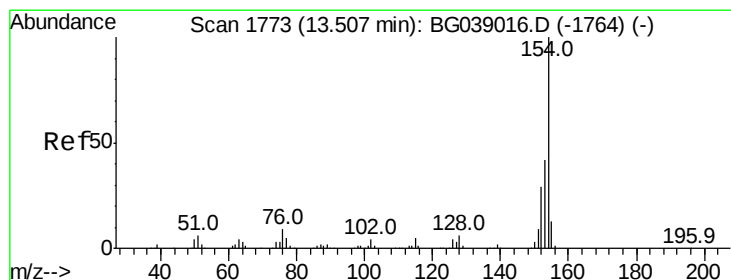
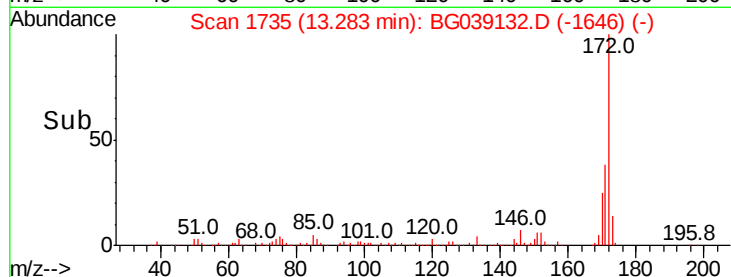
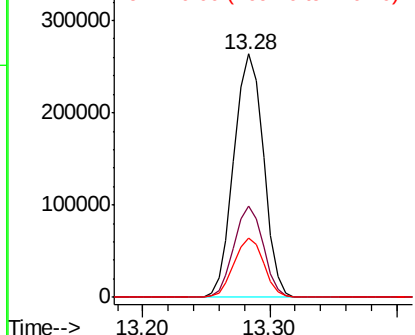
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	24.5	20.1	30.1

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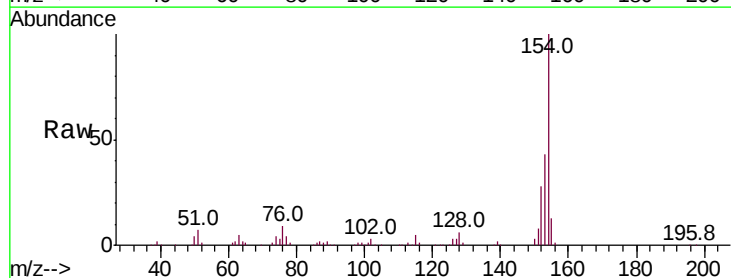


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

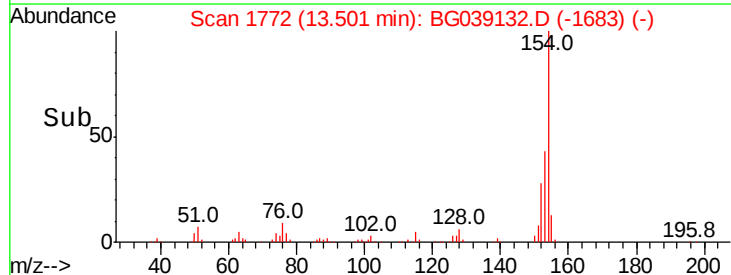
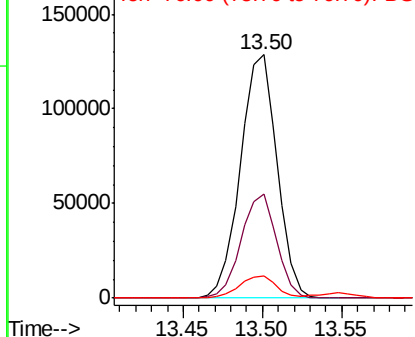


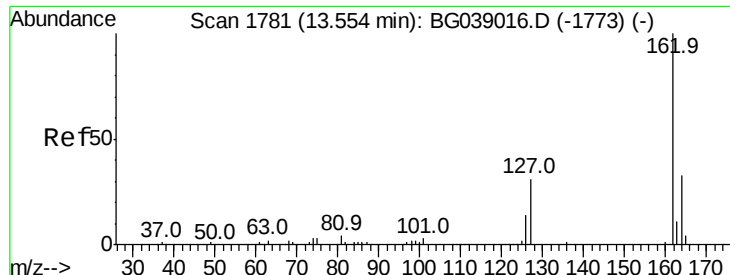
#46
1,1'-Biphenyl
Concen: 37.823 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.4	62.4
76	9.3	0.0	29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





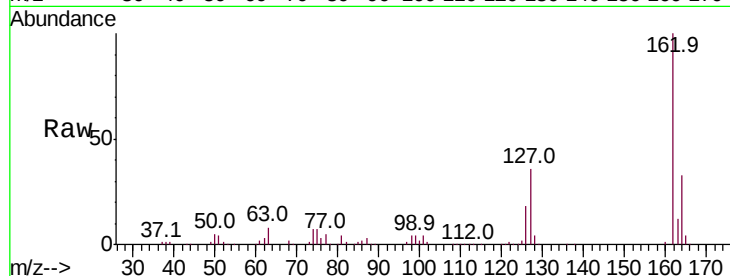
#47
2-Chloronaphthalene
Concen: 37.401 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.8	28.4	42.6
164	33.4	26.3	39.5

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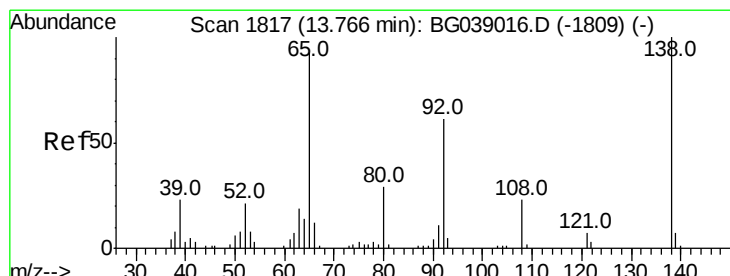
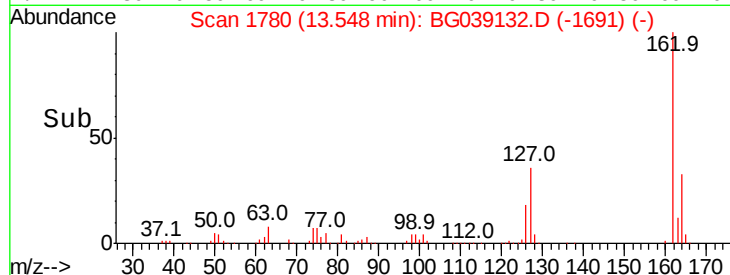
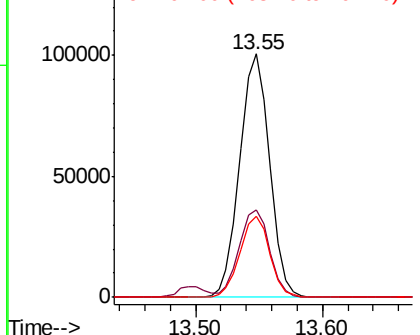


Abundance

Ion 162.00 (161.70 to 162.70): E

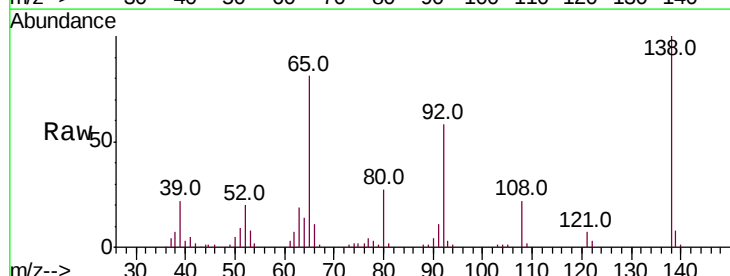
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.205 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	52.2	78.4
138	123.6	86.0	129.0

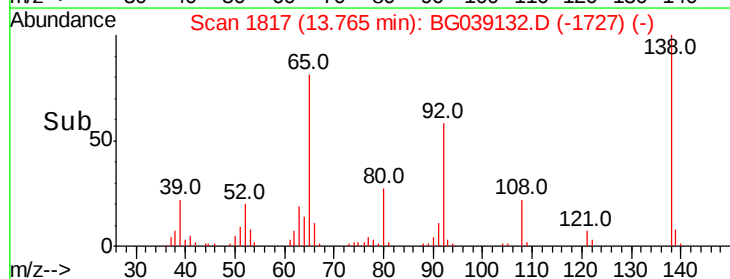
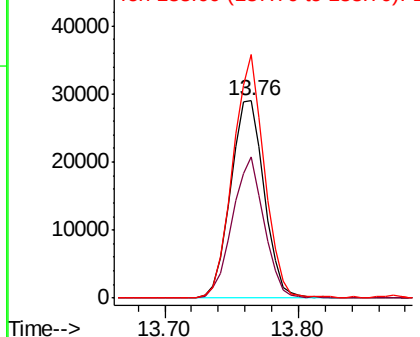


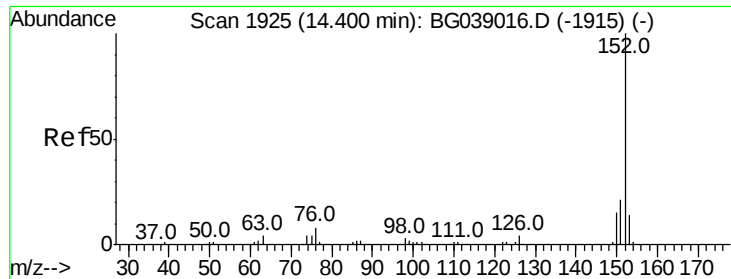
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.051 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

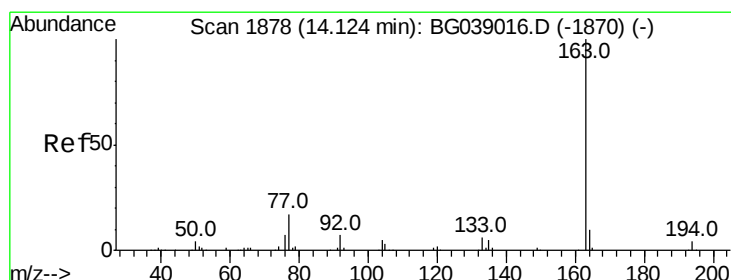
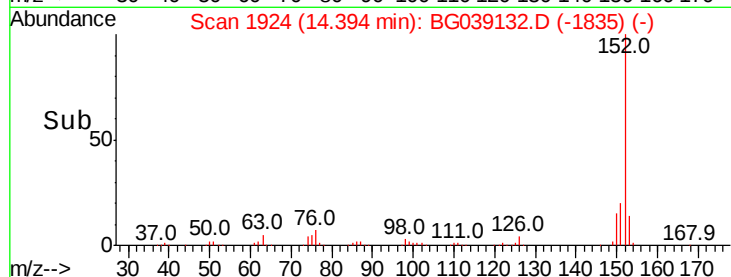
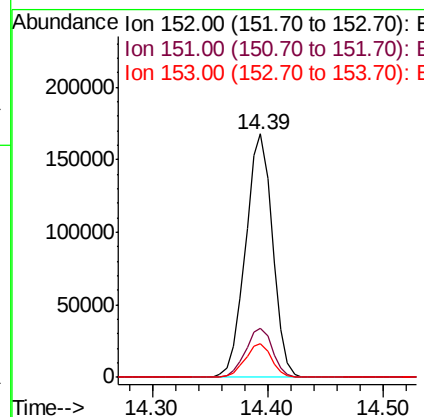
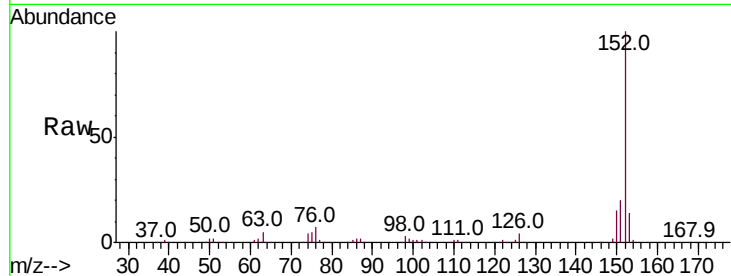
ClientSampleId :

PB116382BS

Tot Ion:	152	Resp:	271755
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.0	25.4
153	13.6	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.429 ng

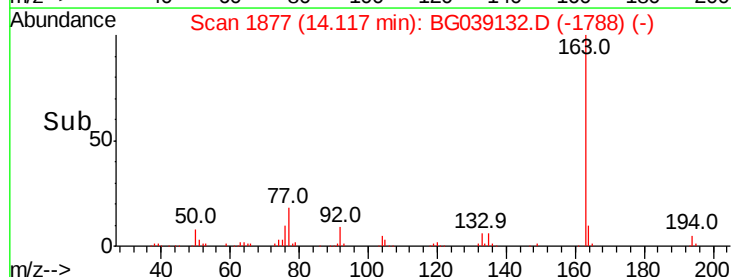
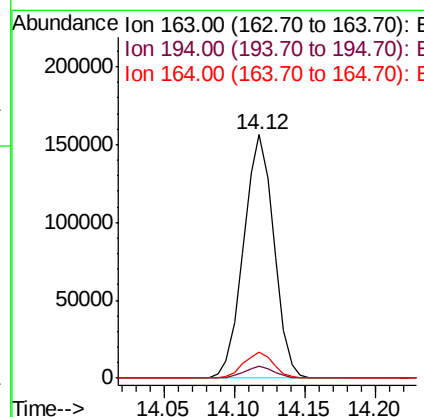
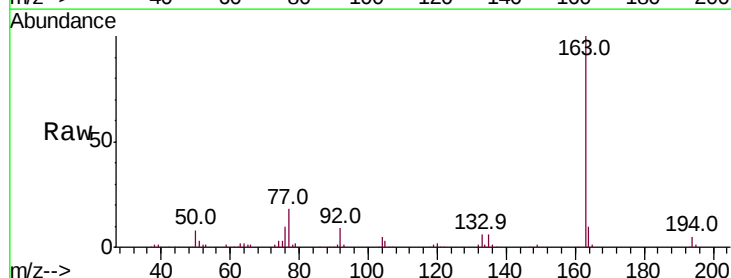
RT: 14.12 min Scan# 1877

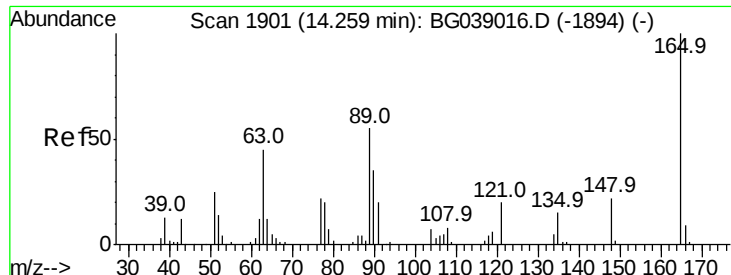
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	163	Resp:	234665
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	10.4	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 40.743 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

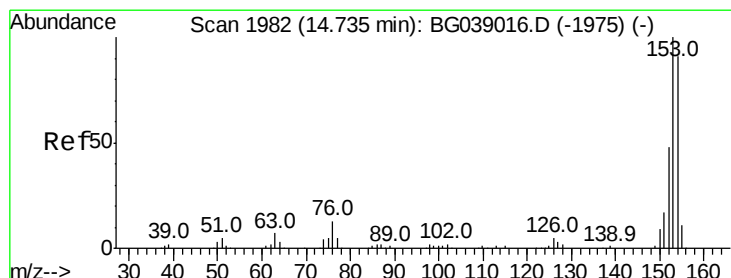
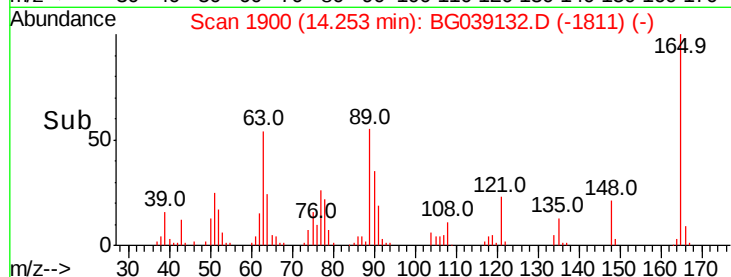
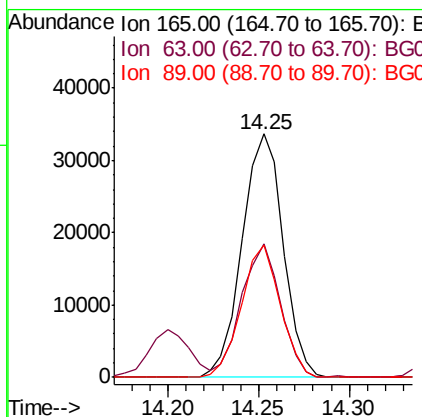
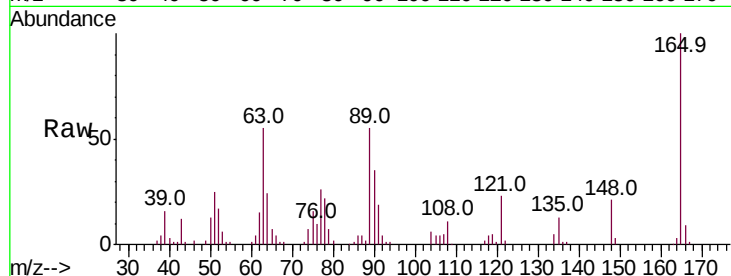
ClientSampled :

PB116382BS

Tot Ion:	165	Resp:	52872
Ion Ratio	Lower	Upper	
165	100		
63	54.9	43.6	65.4
89	54.6	43.7	65.5

Manual Integrations
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#52

Acenaphthene

Concen: 38.947 ng

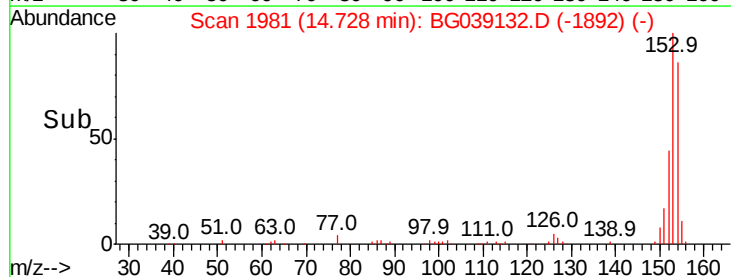
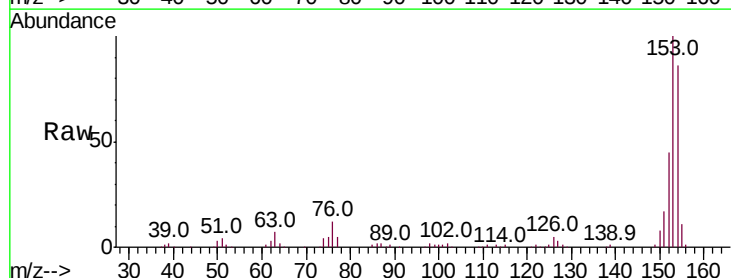
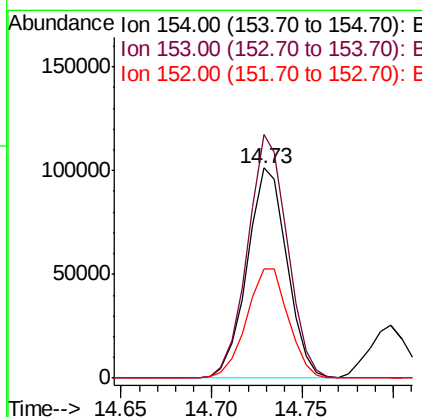
RT: 14.73 min Scan# 1981

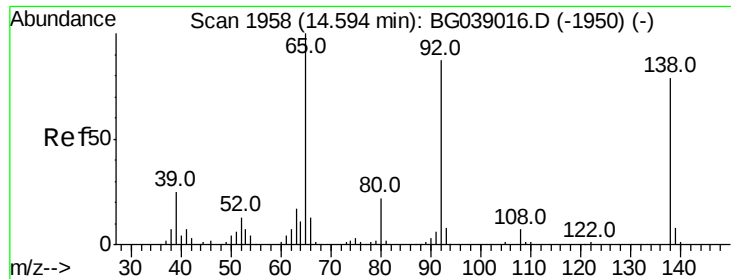
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	154	Resp:	154907
Ion Ratio	Lower	Upper	
154	100		
153	115.9	87.9	131.9
152	52.1	42.2	63.2





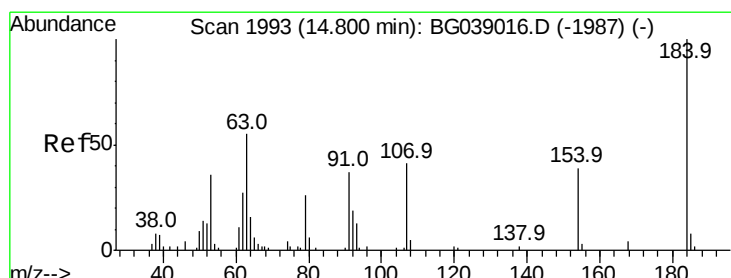
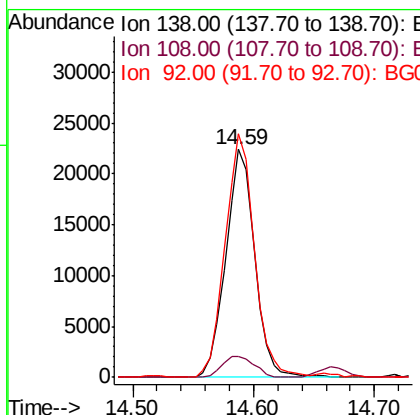
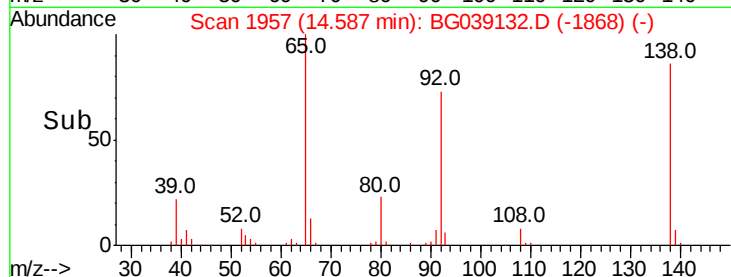
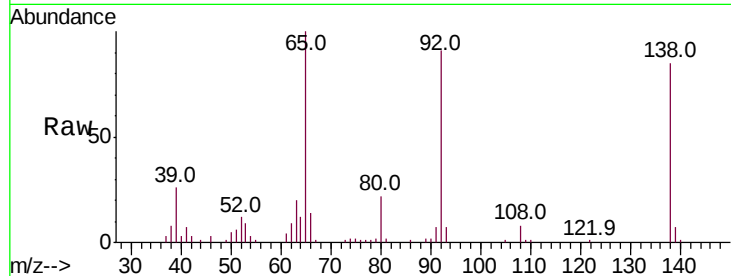
#53
3-Nitroaniline
Concen: 28.347 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.0
92	106.8	88.2	132.4

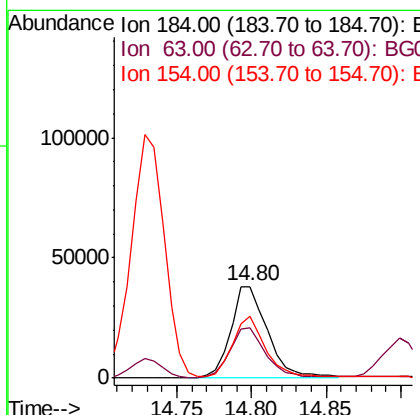
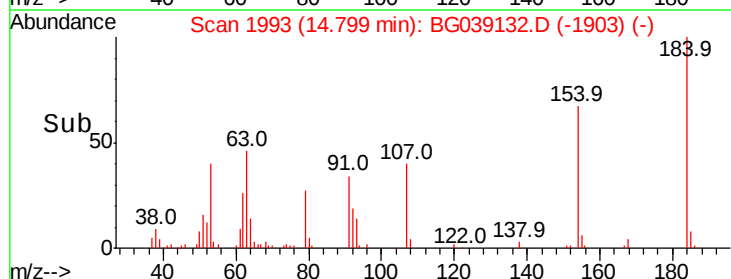
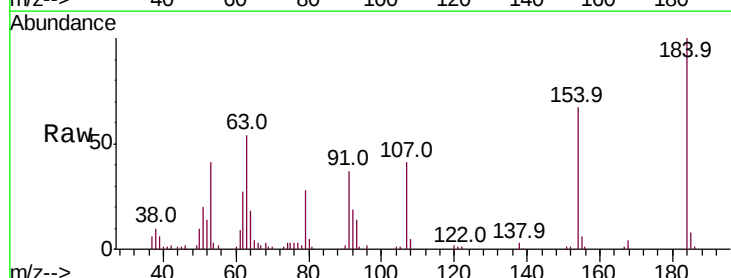
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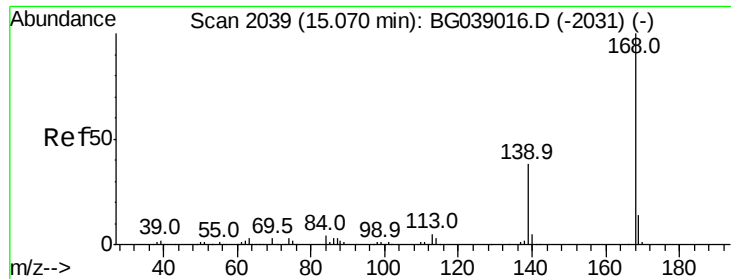
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#54
2,4-Dinitrophenol
Concen: 84.405 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	44.0	66.0
154	67.1	46.1	69.1





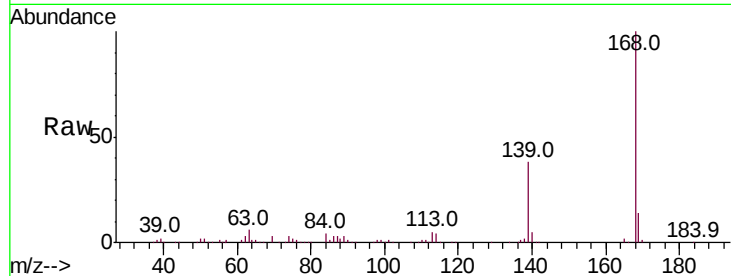
#55
Dibenzenofuran
Concen: 39.334 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.8	10.9	16.3

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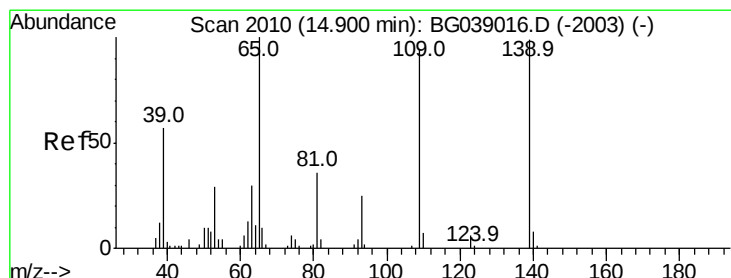
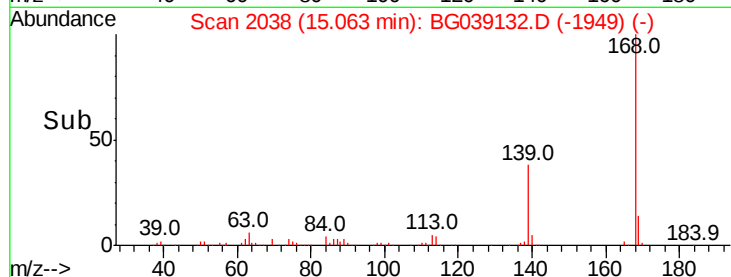
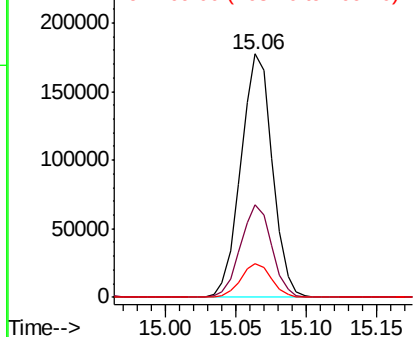


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 91.538 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

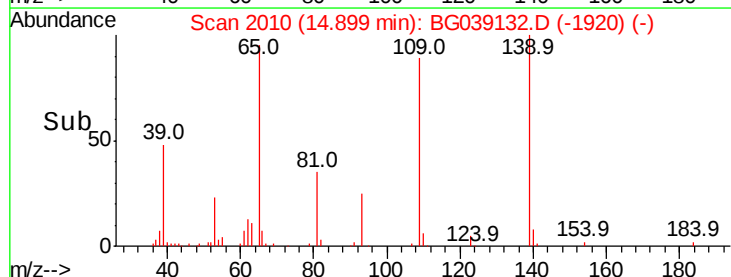
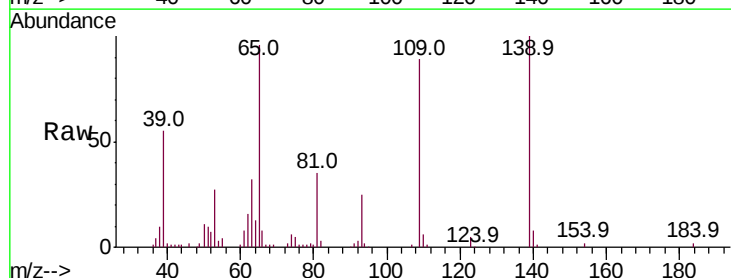
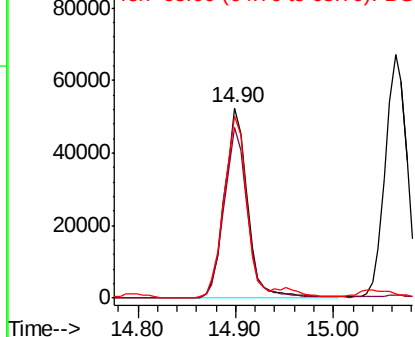
Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	75.6	115.6
65	96.0	81.2	121.2

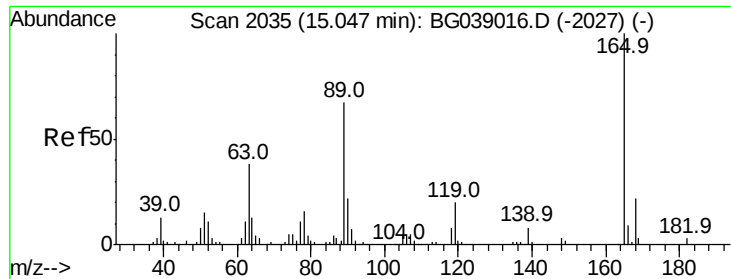
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





#57

2,4-Dinitrotoluene

Concen: 41.686 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

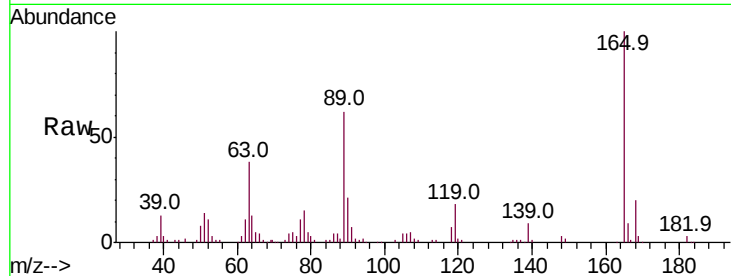
ClientSampleId :

PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	77610		
63	38.4		30.2	45.4
89	62.4		53.2	79.8
182	2.8		2.7	4.1

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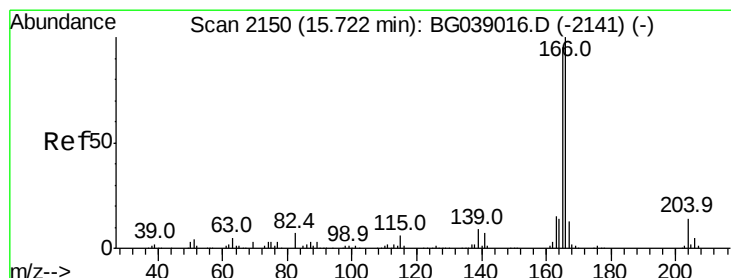
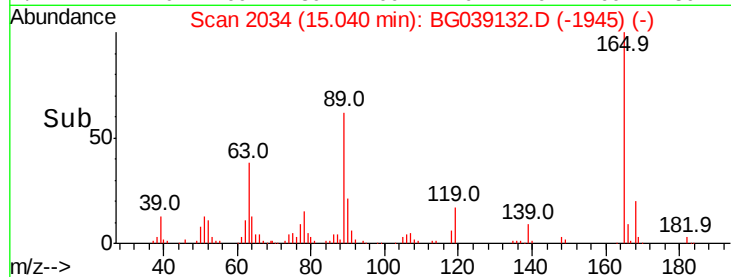
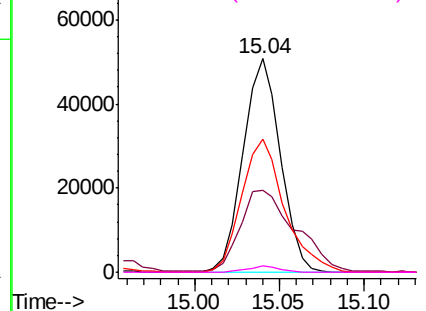
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.572 ng

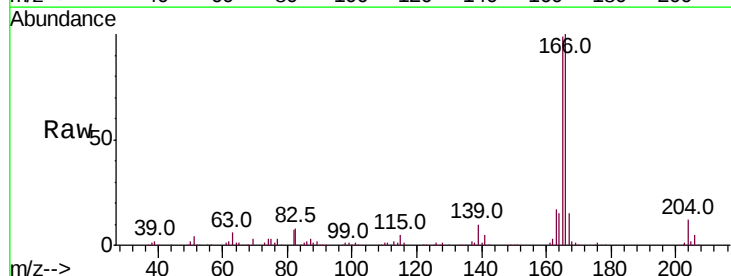
RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	225104		
165	98.6		76.2	114.2
167	14.5		10.6	16.0

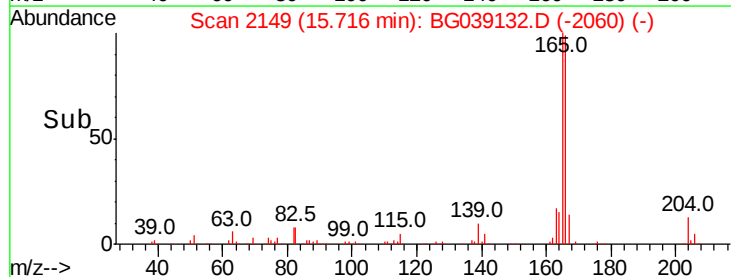
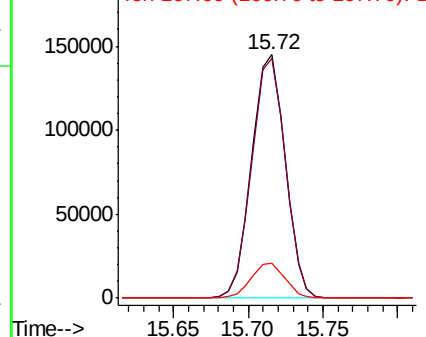


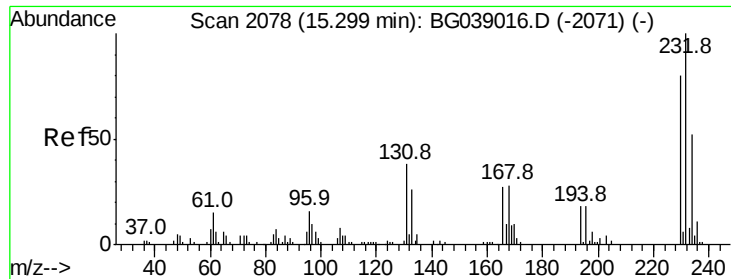
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





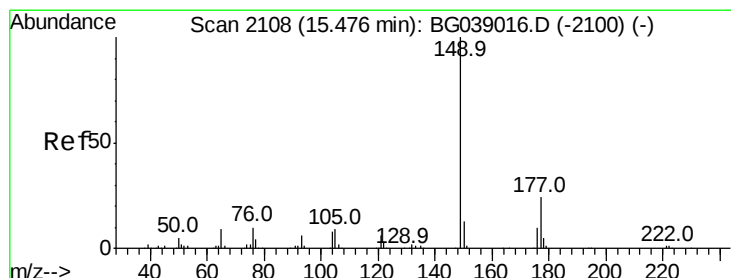
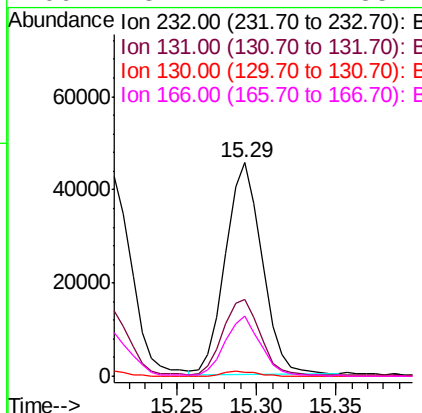
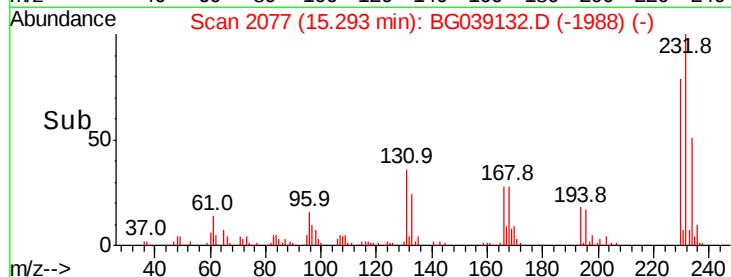
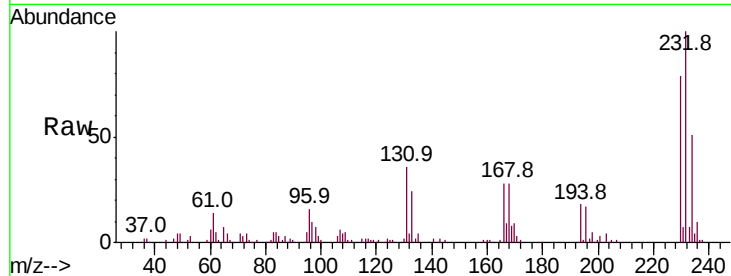
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.835 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:	232	Resp:	72623
Ion Ratio	Lower	Upper	
232	100		
131	37.1	30.9	46.3
130	2.2	1.9	2.9
166	28.1	22.1	33.1

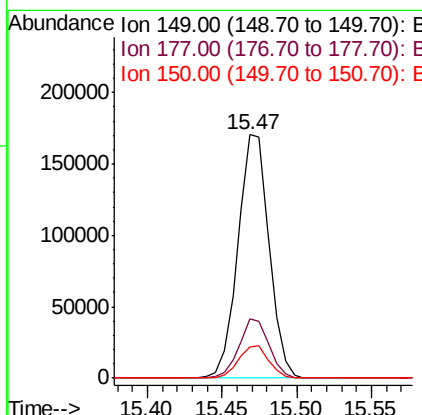
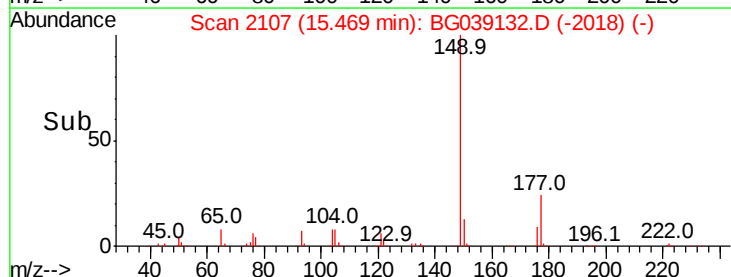
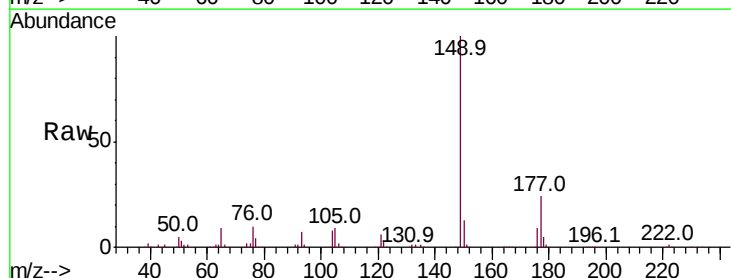
Manual Integrations
 APPROVED

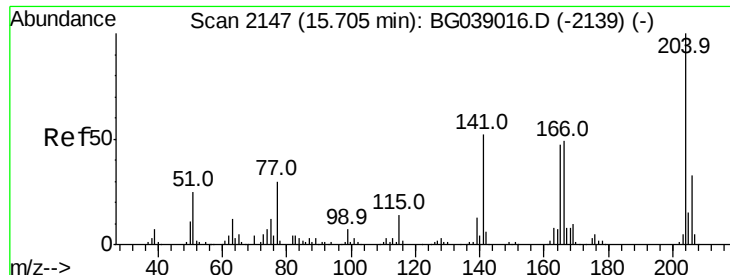
Sohil
 1/16/2019 2:06:00 PM



#60
 Diethylphthalate
 Concen: 41.234 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion:	149	Resp:	246590
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.0	28.6
150	12.8	10.2	15.4





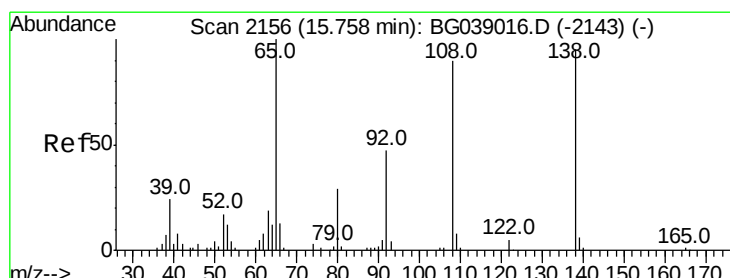
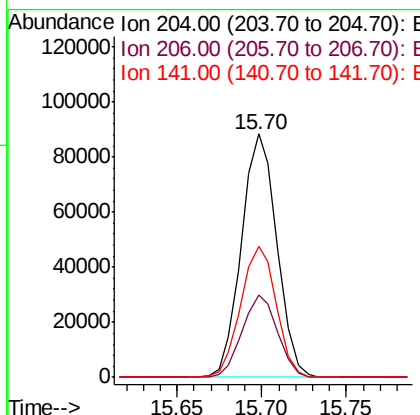
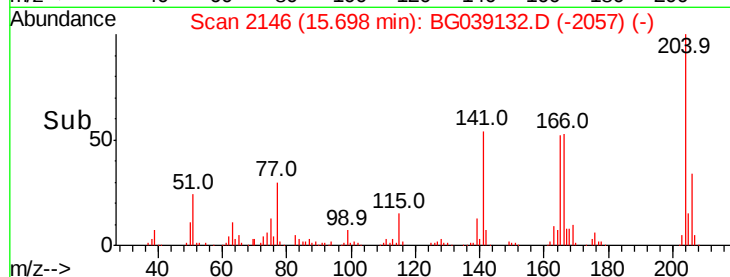
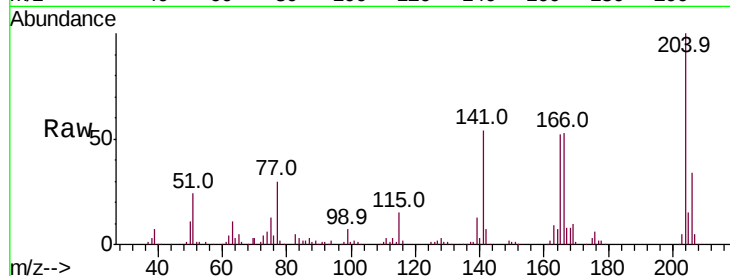
#61
4-Chlorophenyl-phenylether
Concen: 38.631 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	53.6	41.4	62.0

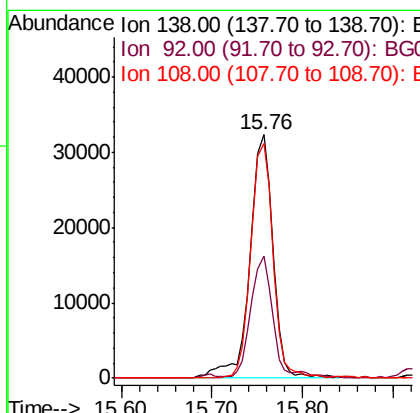
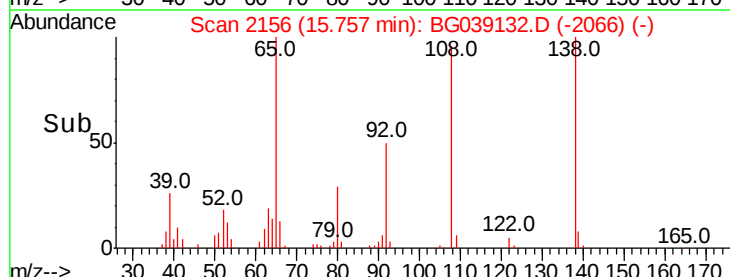
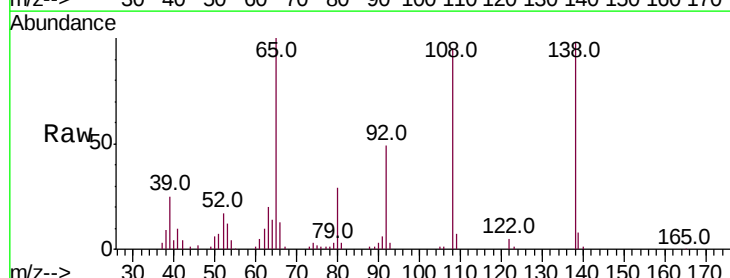
Manual Integrations
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1/16/2019 2:06:00 PM



#62
4-Nitroaniline
Concen: 41.602 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	29.7	69.7
108	96.4	75.7	115.7





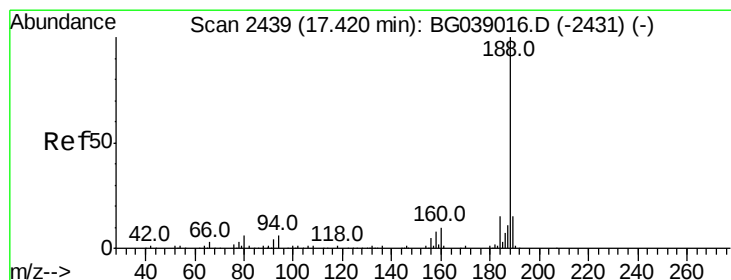
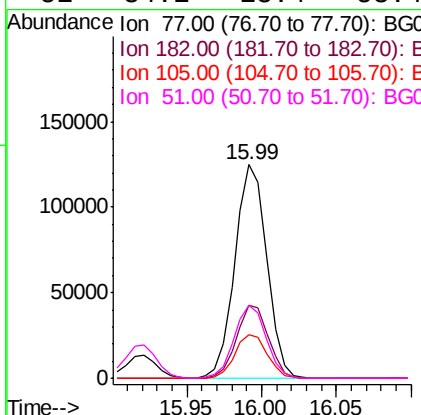
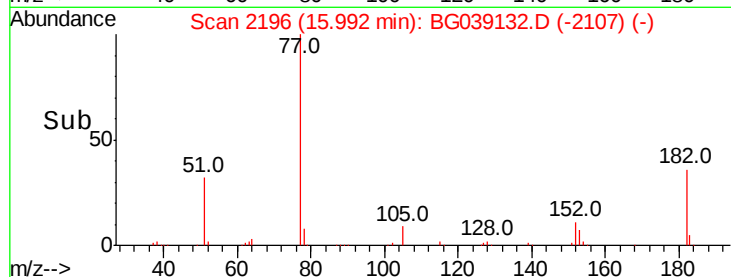
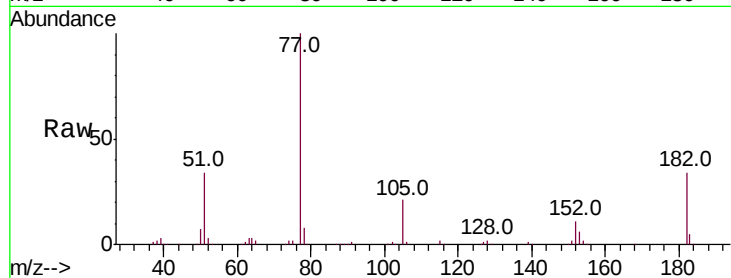
#63
Azobenzene
Concen: 39.725 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	34.1	12.2	52.2		
105	20.5	1.2	41.2		
51	34.1	13.4	53.4		

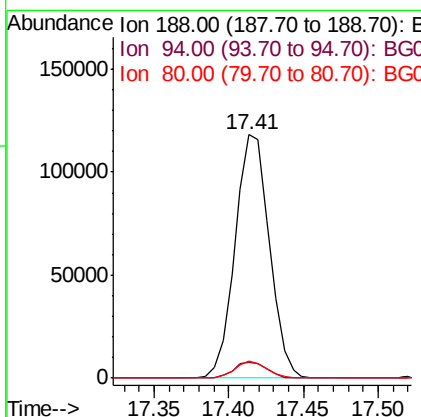
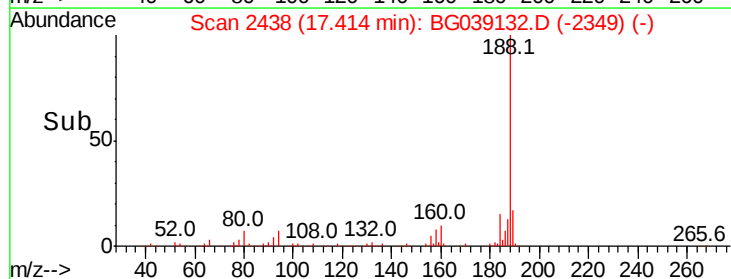
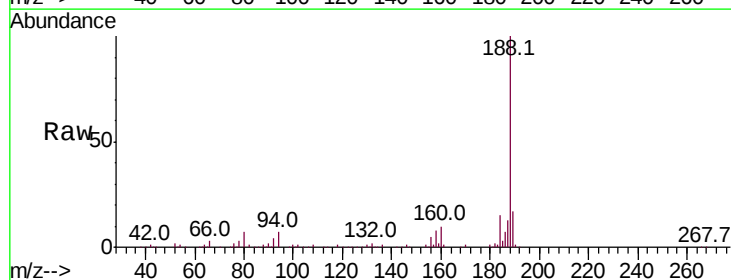
Manual Integrations
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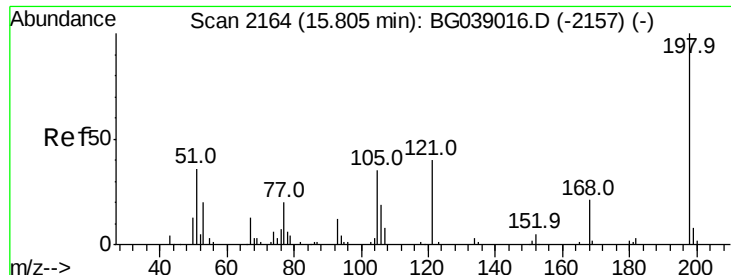
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.6	5.0	7.4		
80	7.1	4.7	7.1#		





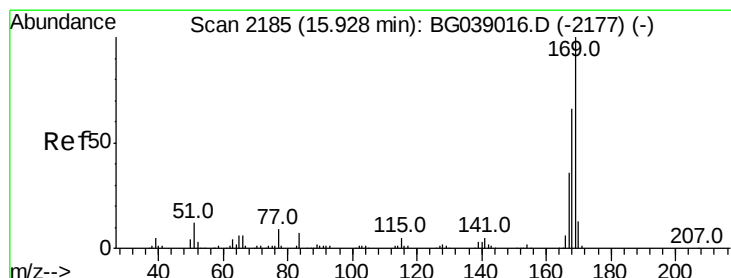
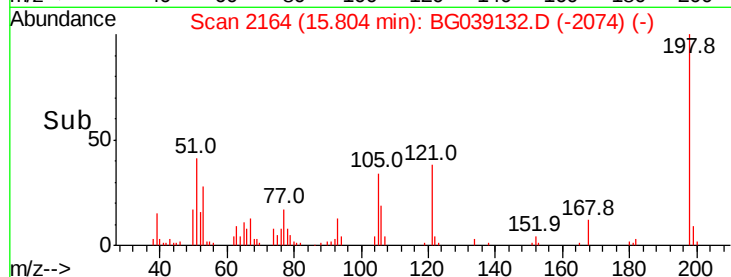
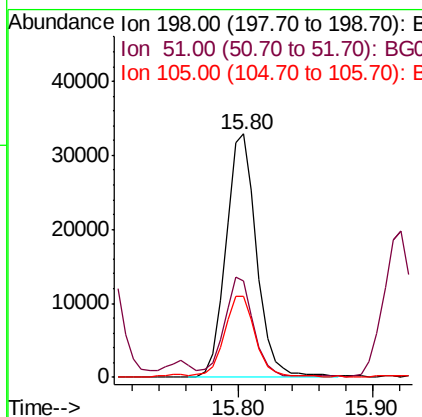
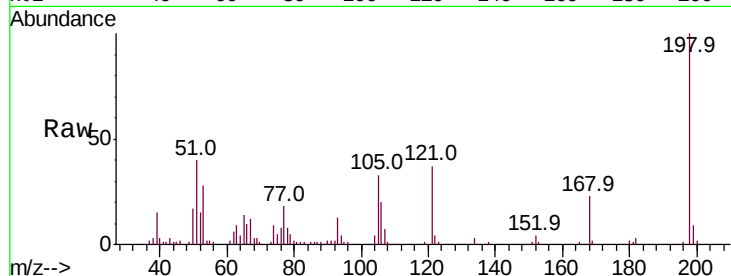
#65
4,6-Dinitro-2-methylphenol
Concen: 37.881 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	52833		
51	39.8		20.8	60.8
105	33.1		16.1	56.1

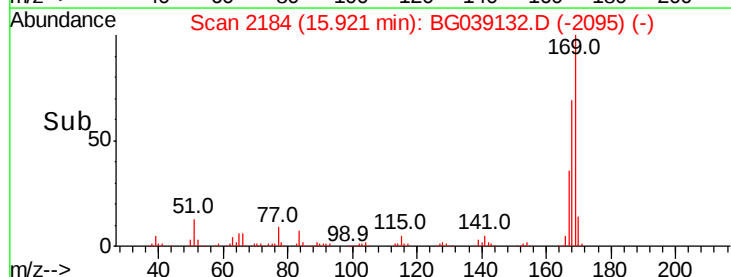
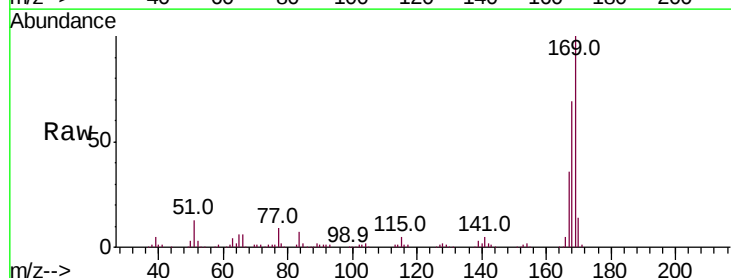
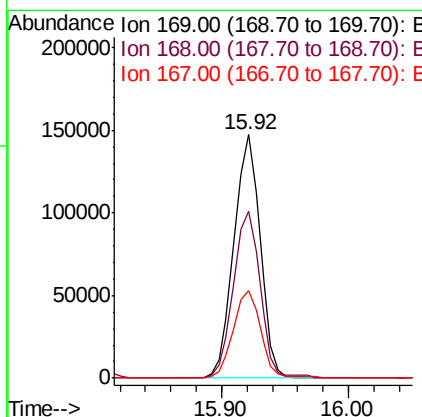
Manual Integrations
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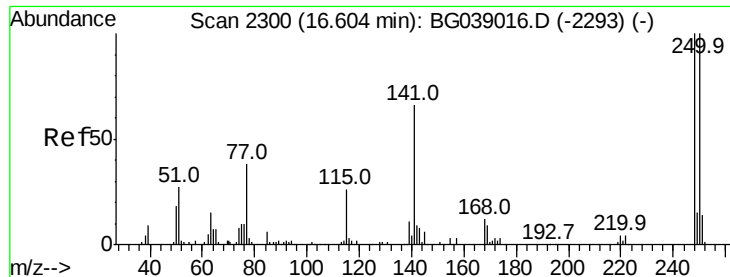
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 37.752 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	210691		
168	68.8		53.2	79.8
167	36.1		29.1	43.7





#67

4-Bromophenyl-phenylether

Concen: 41.627 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

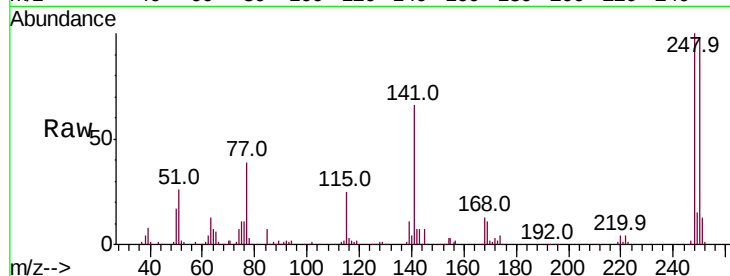
ClientSampled :

PB116382BS

Tot Ion:	248	Resp:	100736
Ion Ratio	Lower	Upper	
248	100		
250	98.3	79.9	119.9
141	66.0	52.7	79.1

Manual Integrations
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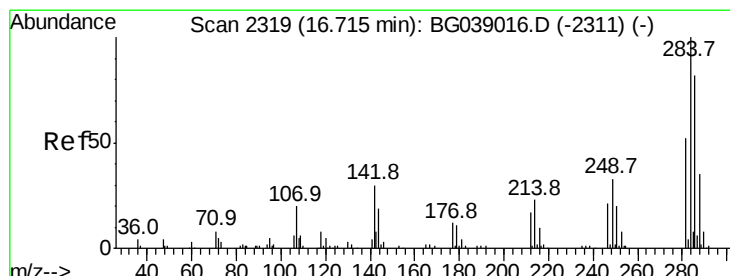
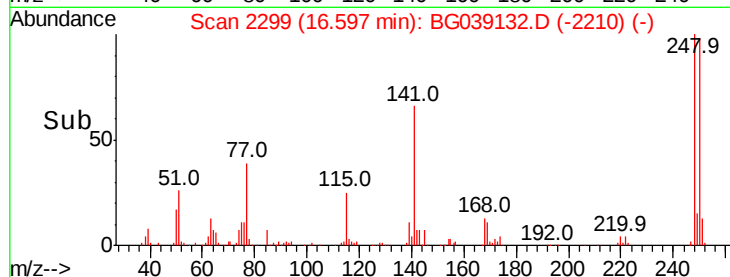
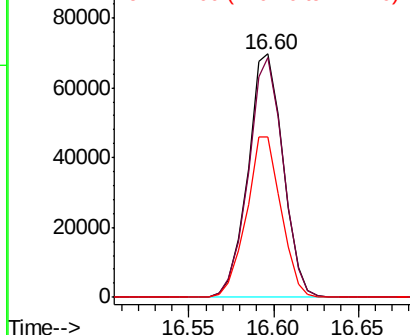


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.082 ng

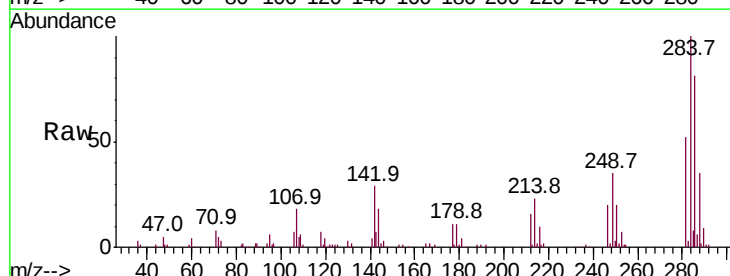
RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	284	Resp:	100562
Ion Ratio	Lower	Upper	
284	100		
142	29.3	24.3	36.5
249	34.5	27.8	41.8

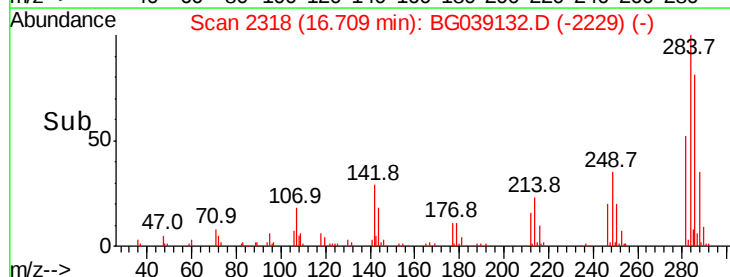
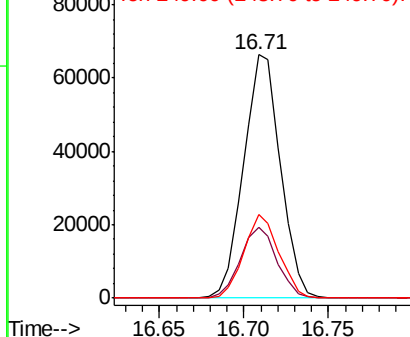


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





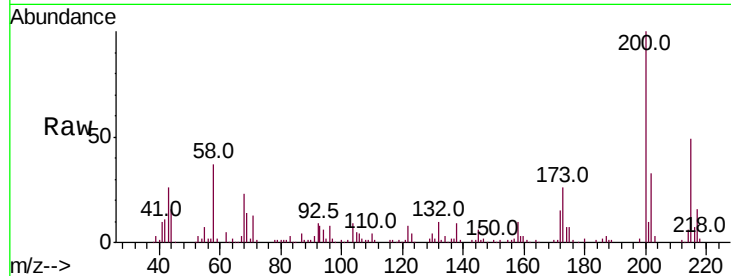
#69
Atrazine
Concen: 36.485 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

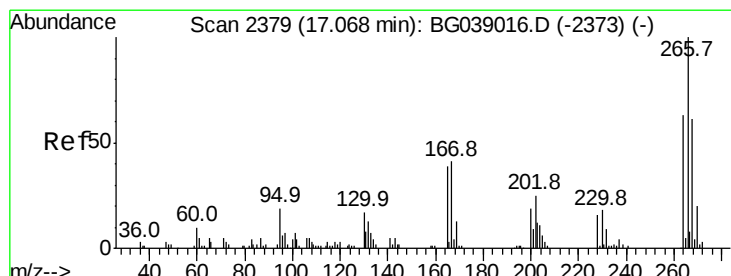
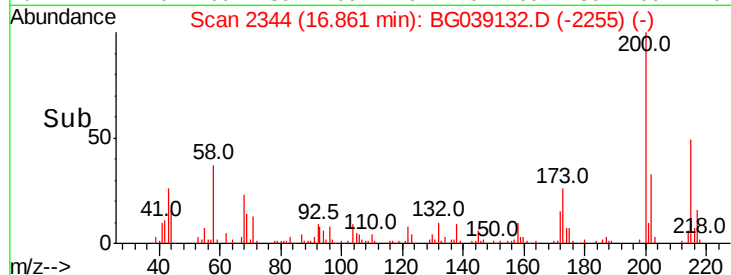
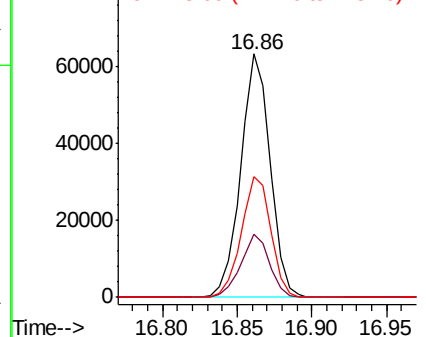
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	2.6	42.6
215	49.4	28.0	68.0

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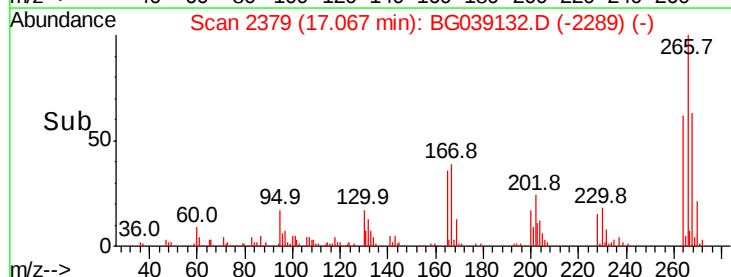
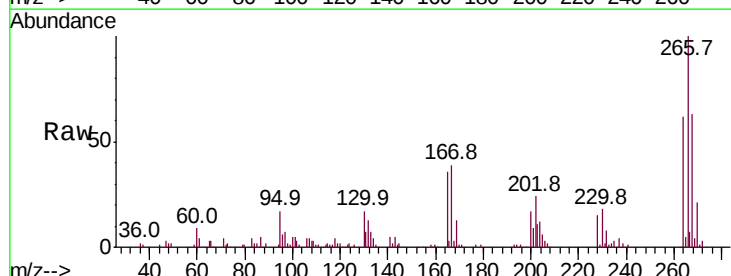
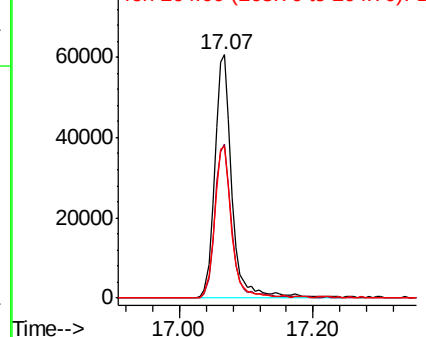
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

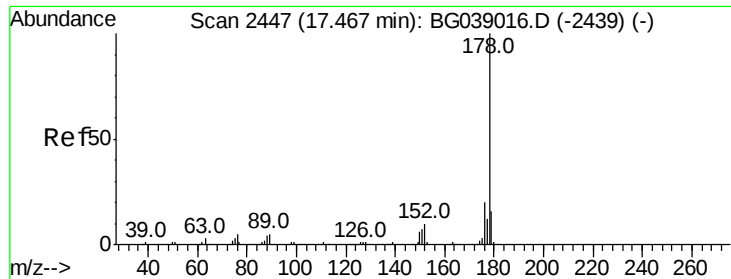


#70
Pentachlorophenol
Concen: 68.265 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	52.0	78.0
264	67.2	54.6	81.8

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: 40.981 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

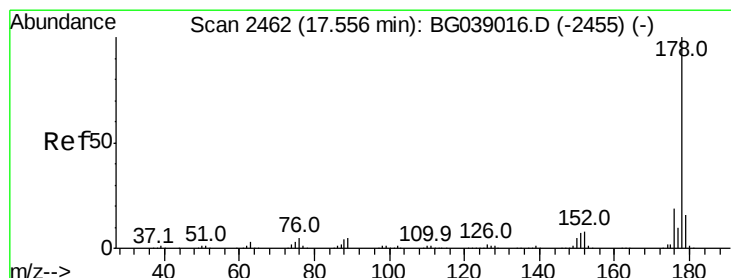
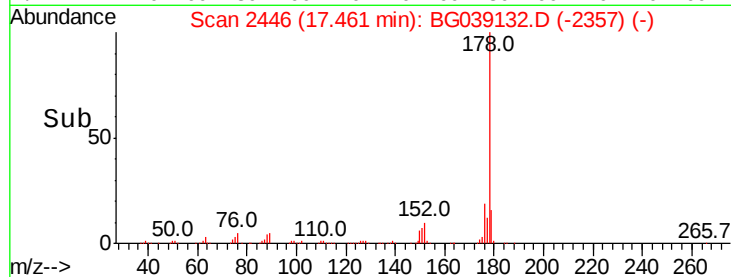
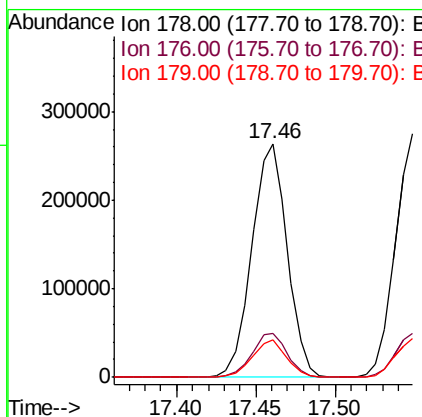
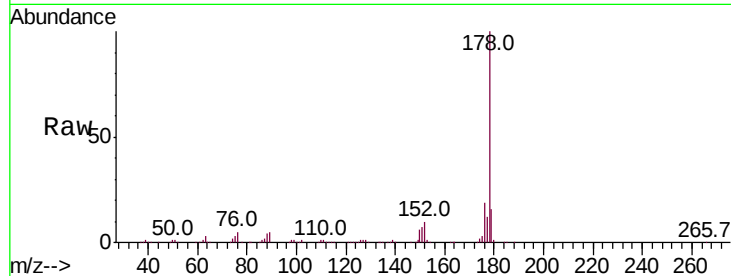
ClientSampleId :

PB116382BS

Tot Ion:178	Resp:	407790
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.7 23.5
179	15.8	12.9 19.3

Manual Integrations
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1/16/2019 2:06:00 PM



#72

Anthracene

Concen: 42.349 ng

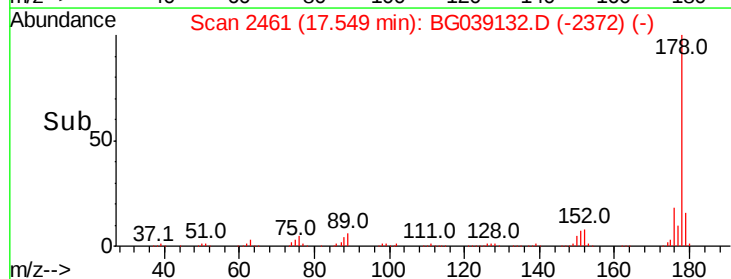
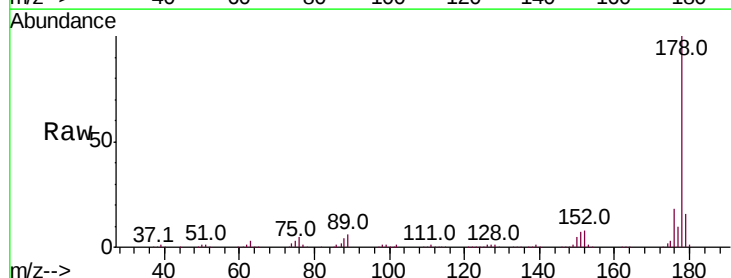
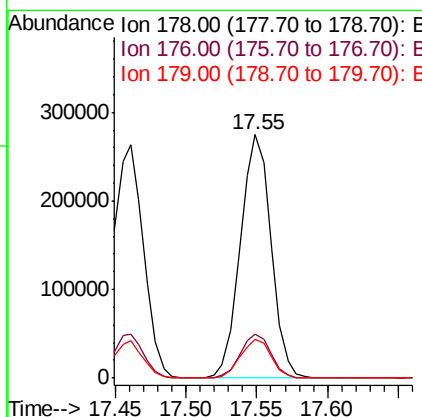
RT: 17.55 min Scan# 2461

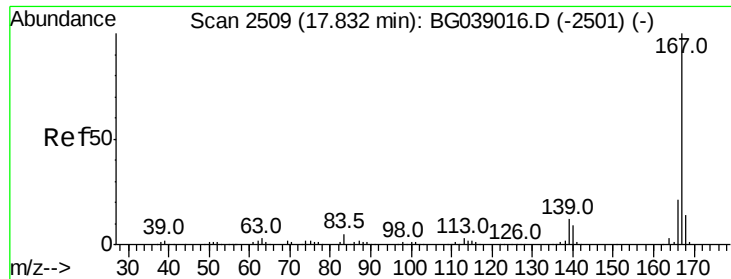
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:178	Resp:	416652
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.9 22.3
179	15.8	13.0 19.4





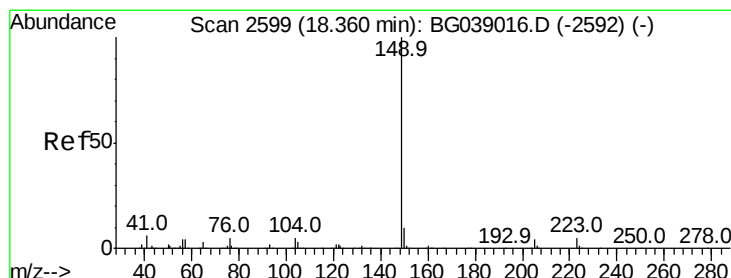
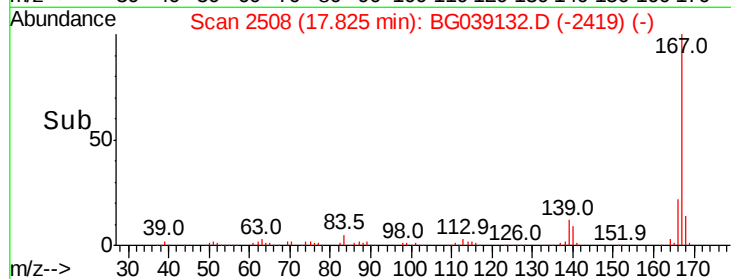
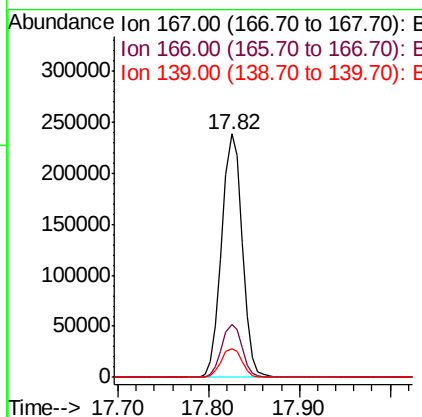
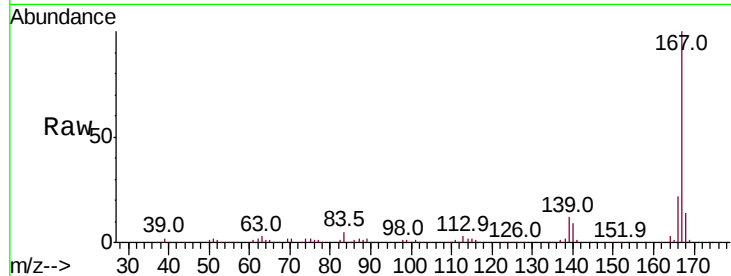
#73
 Carbazole
 Concen: 38.632 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.9	16.9	25.3	
139	11.9	10.0	15.0	

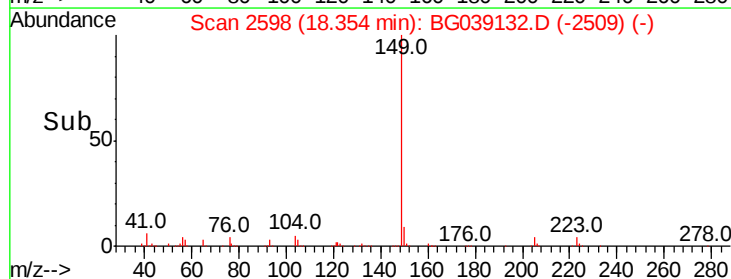
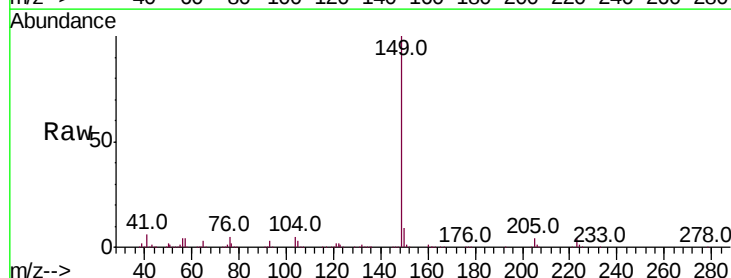
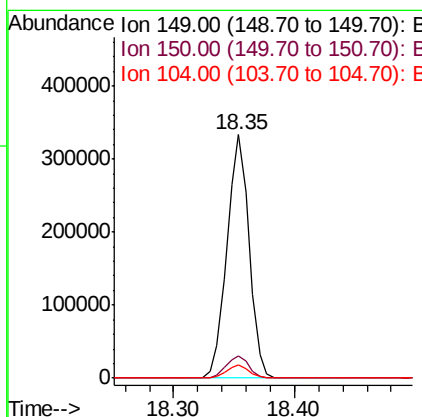
Manual Integrations
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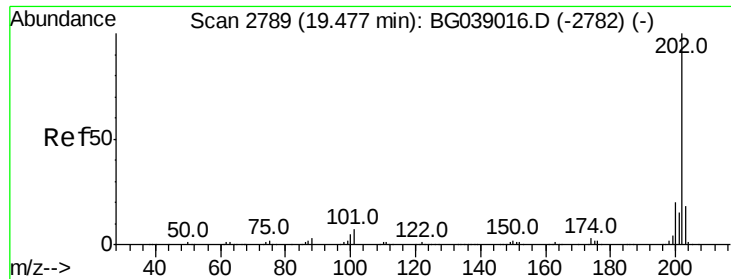
Sohil
 1/16/2019 2:06:00 PM



#74
 Di-n-butylphthalate
 Concen: 39.167 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.9	11.9	
104	5.3	4.2	6.2	





#75

Fluoranthene

Concen: 42.422 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

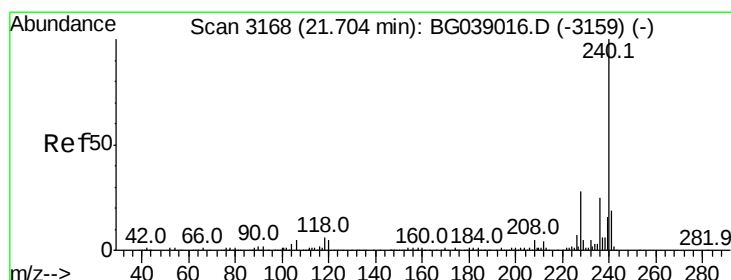
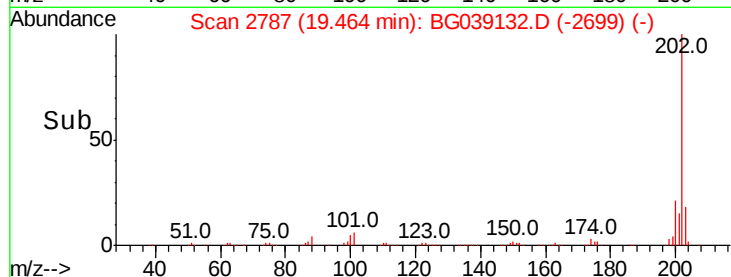
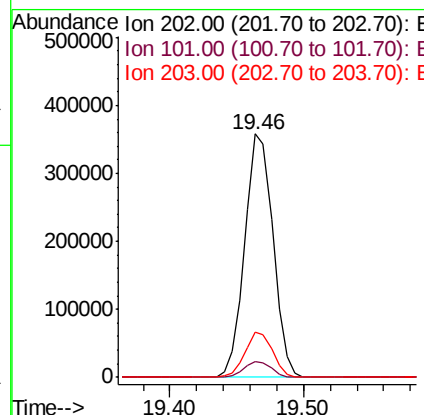
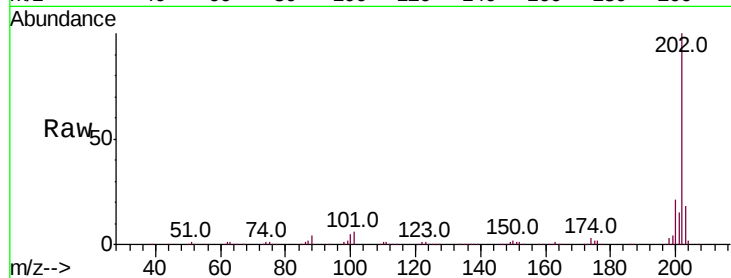
ClientSampleId :

PB116382BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.9
203	18.4	0.0	38.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

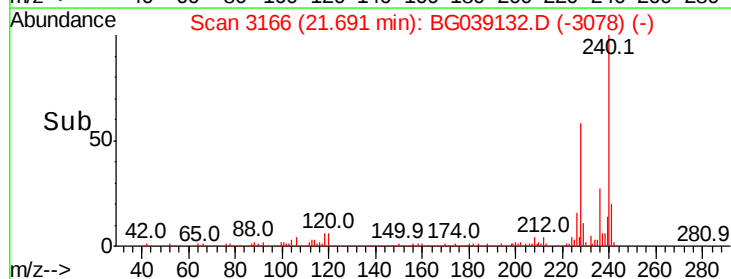
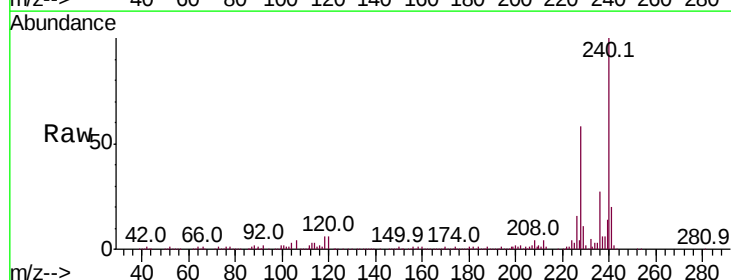
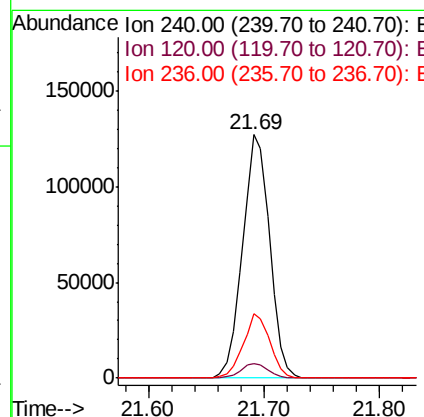
RT: 21.69 min Scan# 3166

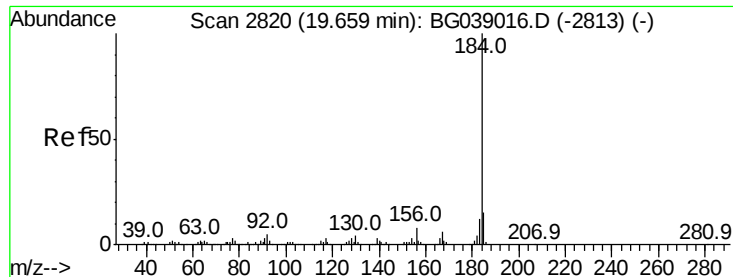
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.9	4.3	6.5
236	26.6	20.1	30.1





#77

Benzidine

Concen: 35.138 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

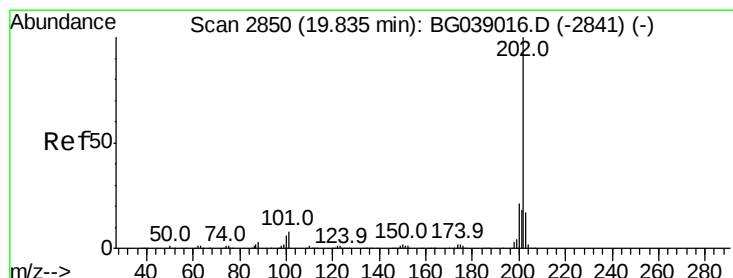
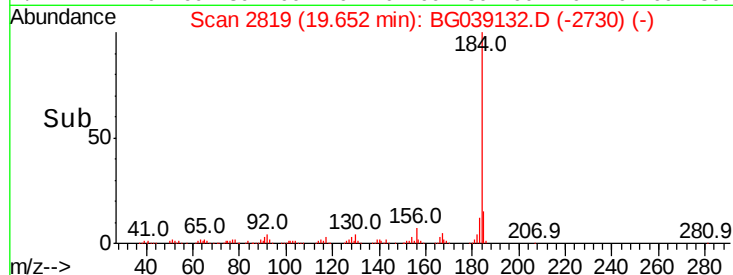
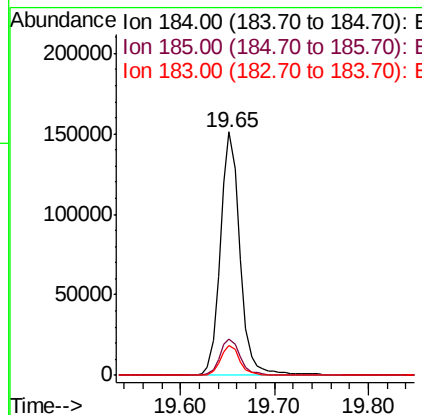
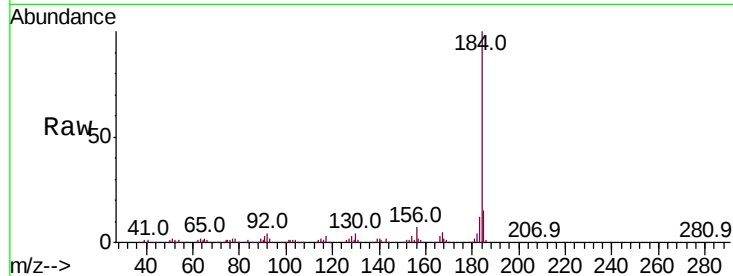
ClientSampleId :

PB116382BS

Tot Ion:	184	Resp:	221732
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.1	18.1
183	12.2	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 39.677 ng

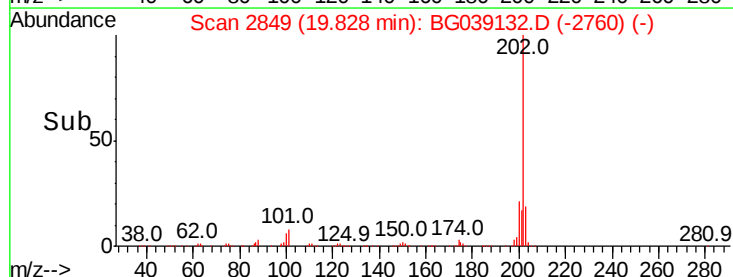
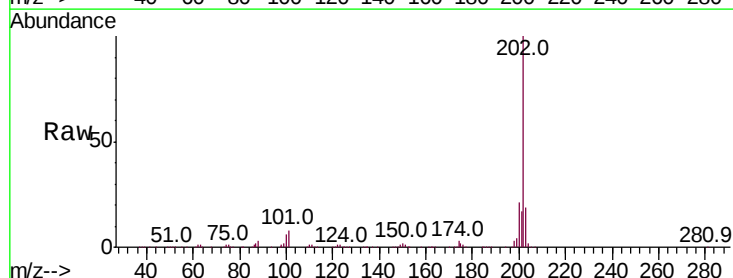
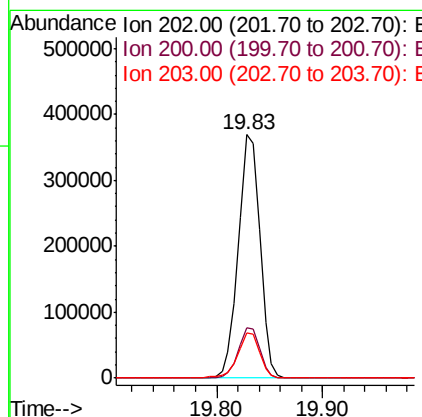
RT: 19.83 min Scan# 2849

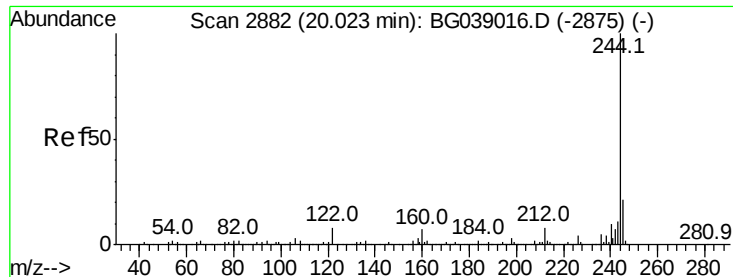
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	202	Resp:	521680
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	18.5	14.0	21.0





#79

Terphenyl-d14

Concen: 77.934 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

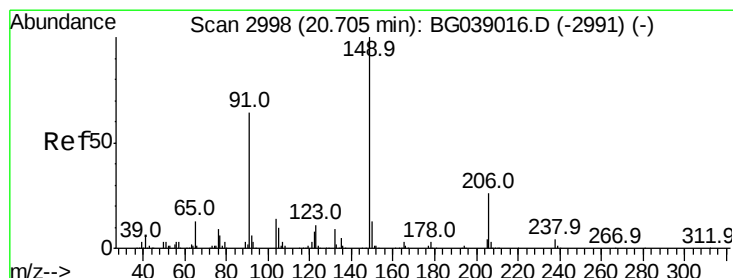
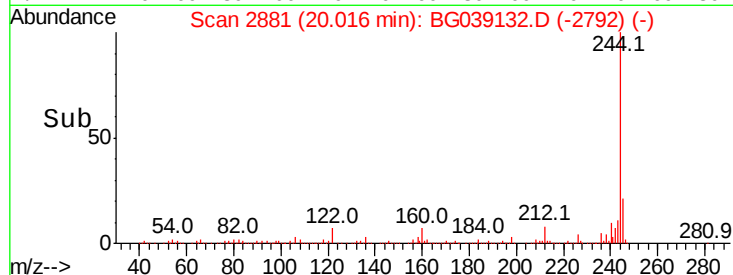
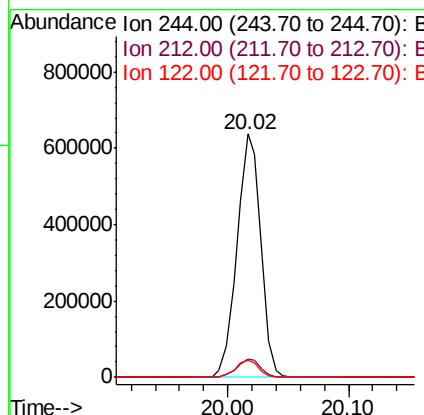
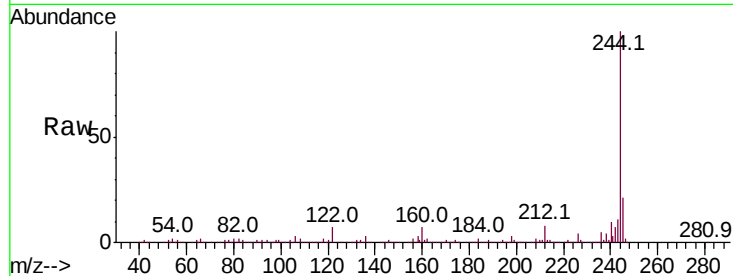
ClientSampleId :

PB116382BS

Tot Ion:	244	Resp:	869187
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.9	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 38.815 ng

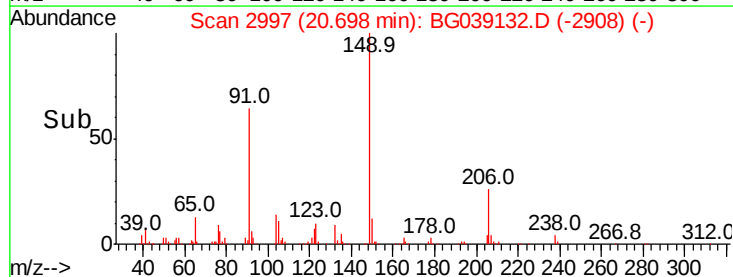
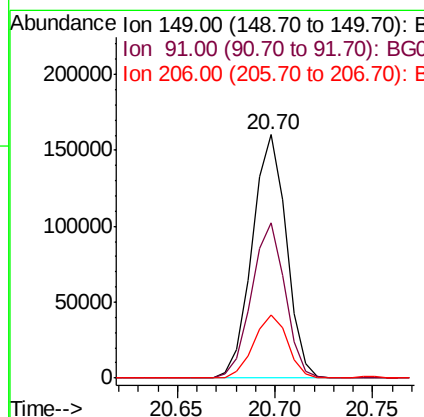
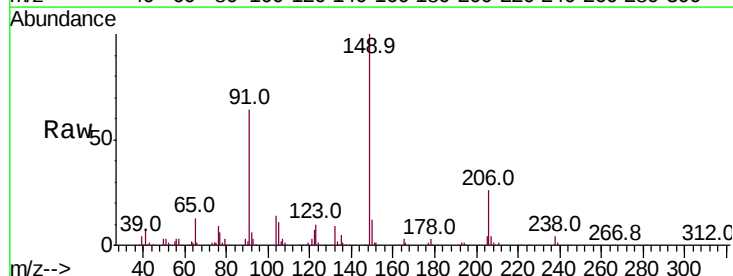
RT: 20.70 min Scan# 2997

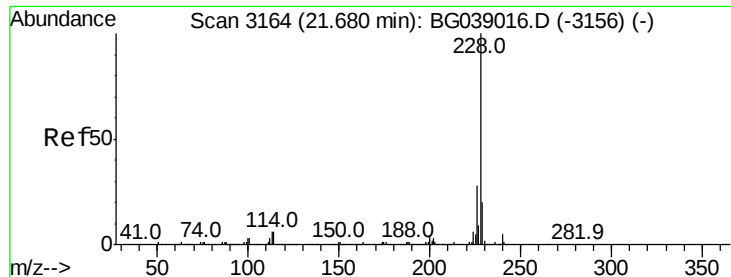
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	149	Resp:	194105
Ion Ratio		Lower	Upper
149	100		
91	63.7	51.4	77.0
206	25.8	20.4	30.6





#81

Benzo(a)anthracene

Concen: 41.430 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

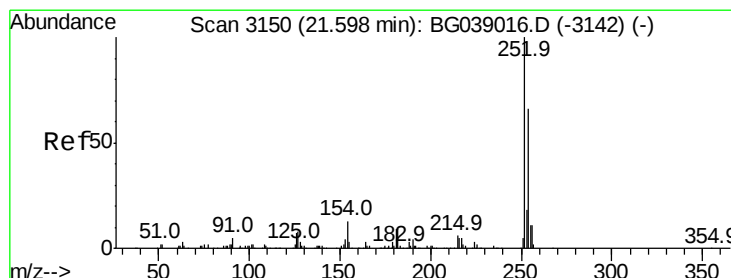
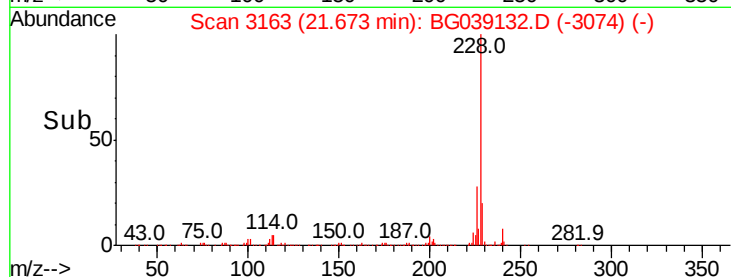
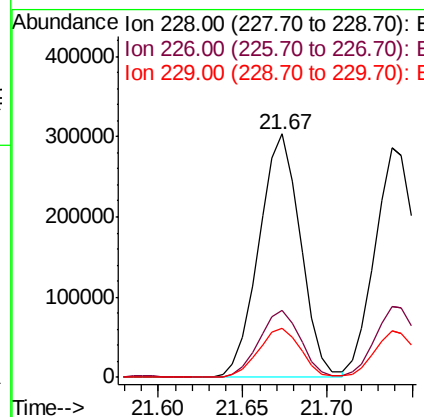
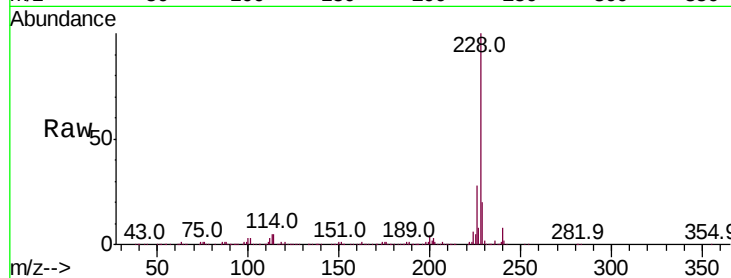
ClientSampleId :

PB116382BS

Tot Ion:	228	Resp:	520336
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.4	33.6
229	20.0	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.373 ng

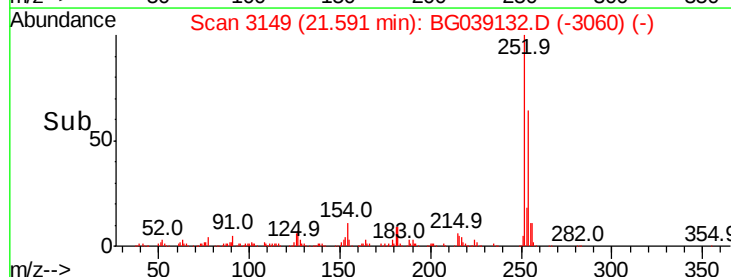
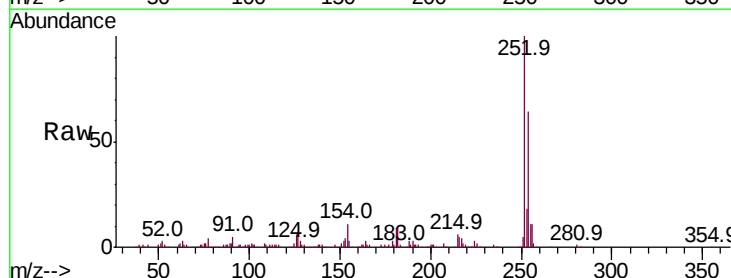
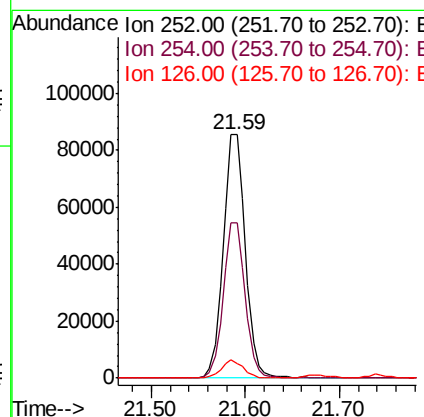
RT: 21.59 min Scan# 3149

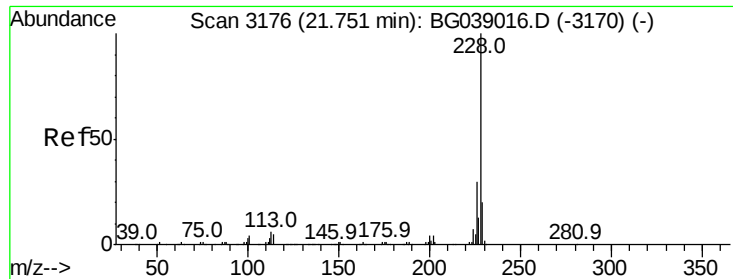
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	252	Resp:	140077
Ion Ratio	Lower	Upper	
252	100		
254	63.9	53.0	79.6
126	6.2	6.0	9.0





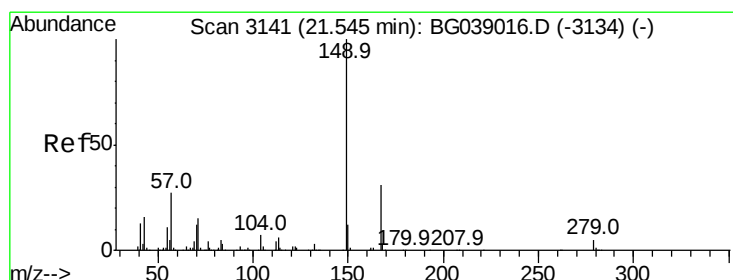
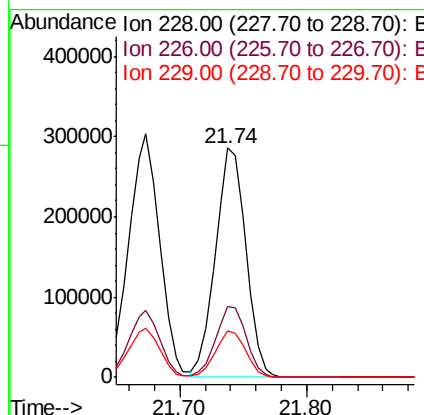
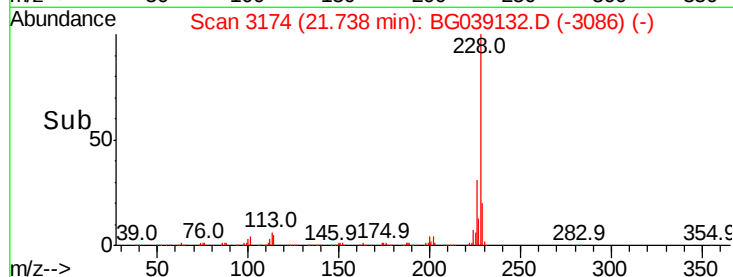
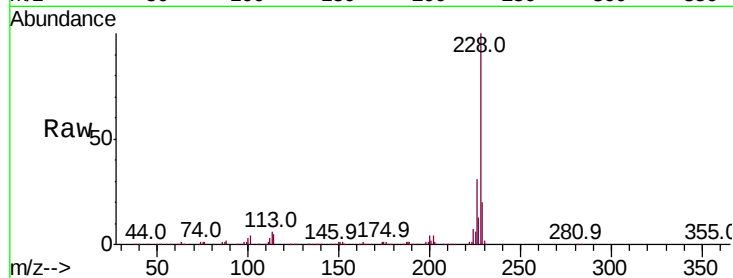
#83
Chrysene
Concen: 40.091 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.4	16.0	24.0

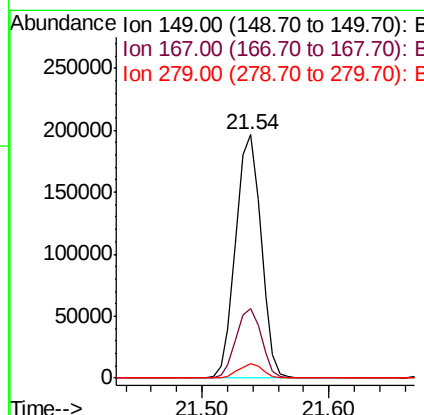
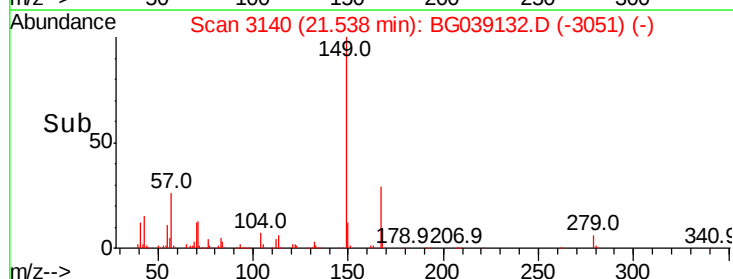
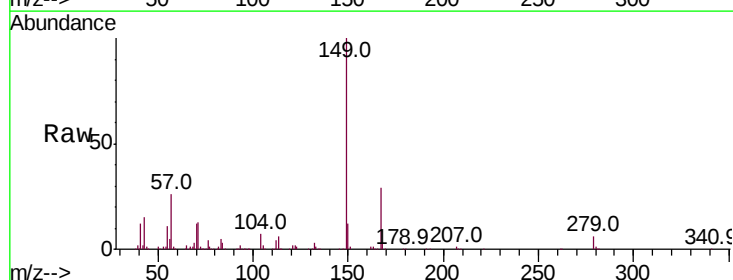
Manual Integrations
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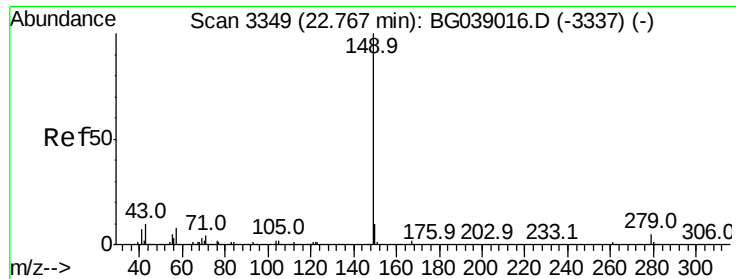
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.147 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	25.0	37.4
279	6.1	4.3	6.5





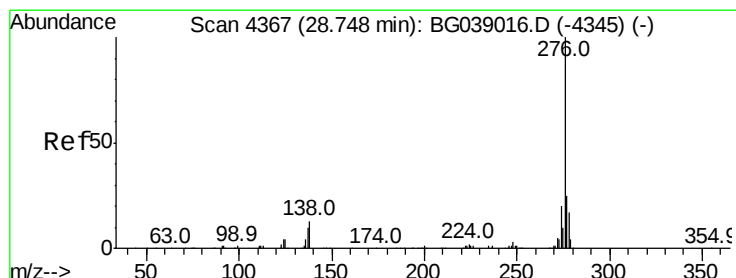
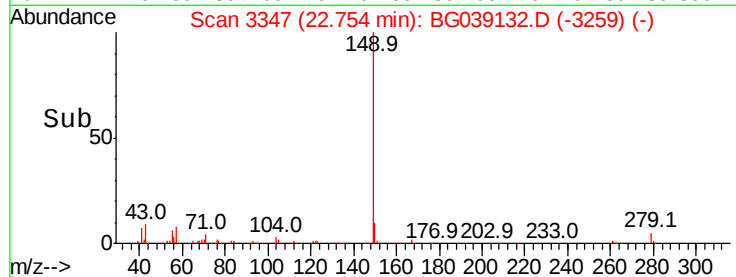
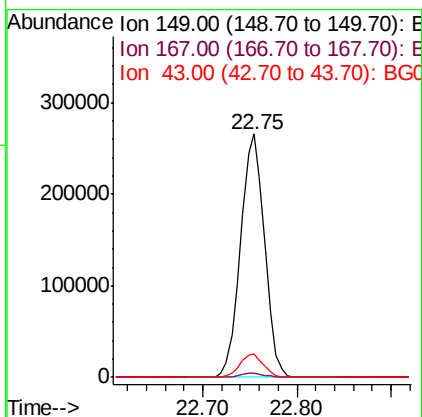
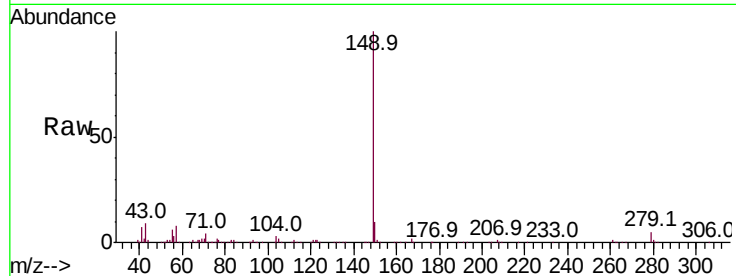
#85
Di-n-octyl phthalate
Concen: 39.826 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.5	11.3

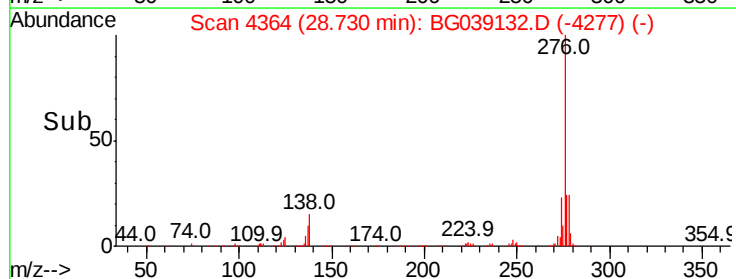
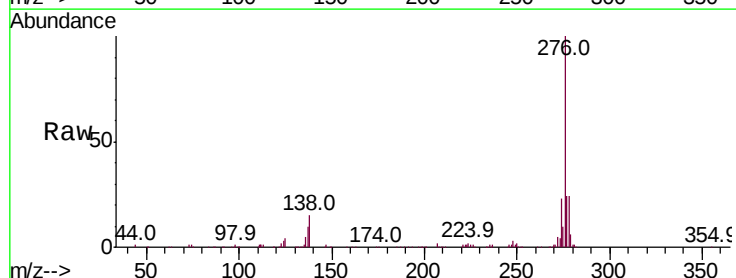
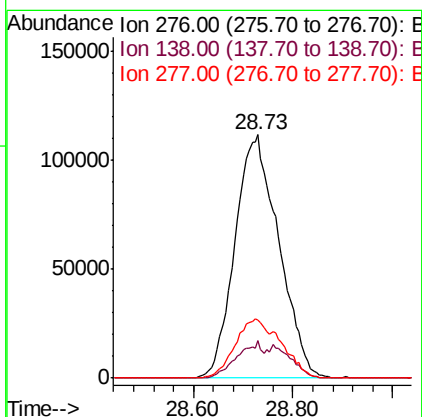
Manual Integrations
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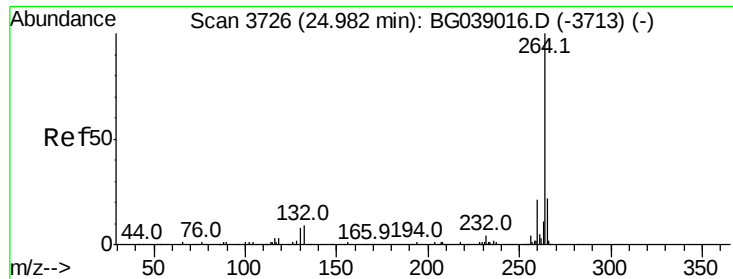
Sohil
1/16/2019 2:06:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.664 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039132.D
Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	8.8	8.0	12.0
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

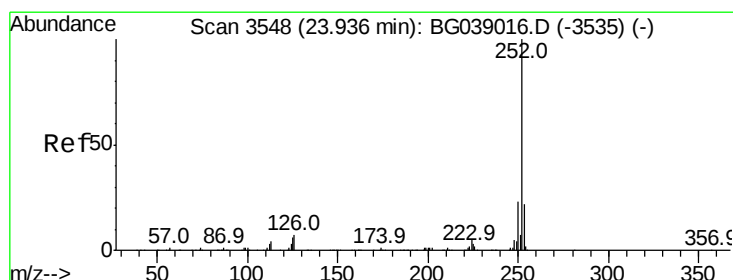
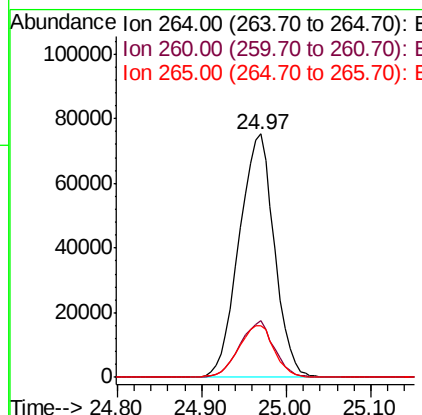
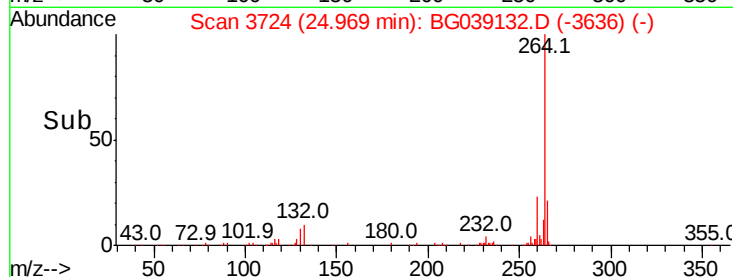
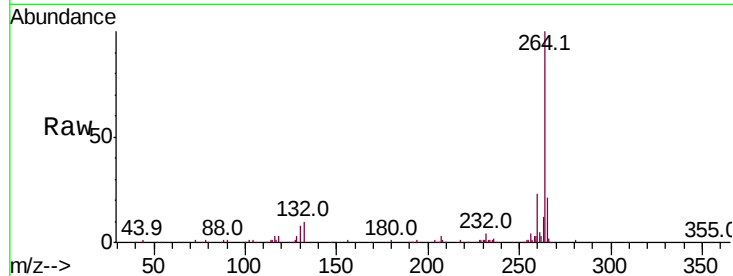
ClientSampled :

PB116382BS

Tot Ion:	264	Resp:	217317
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.0	25.6
265	21.2	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 43.463 ng

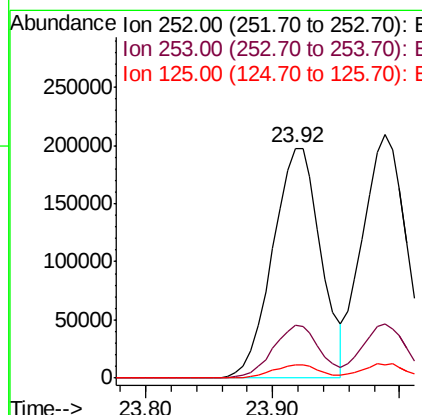
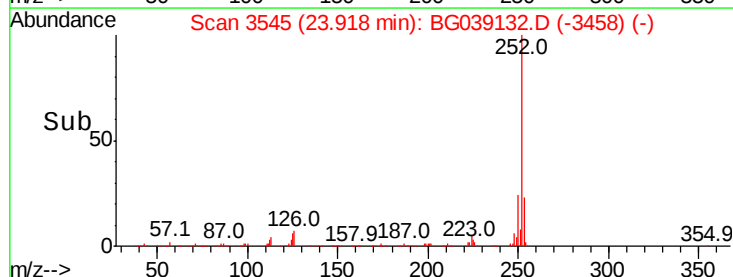
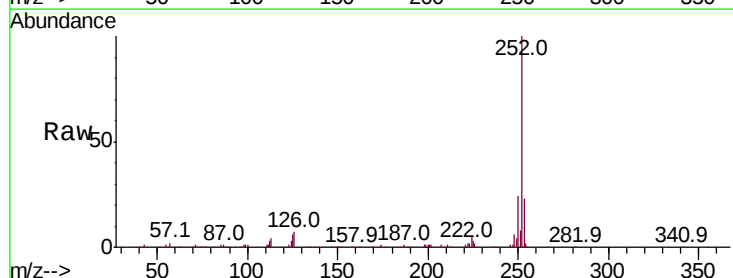
RT: 23.92 min Scan# 3545

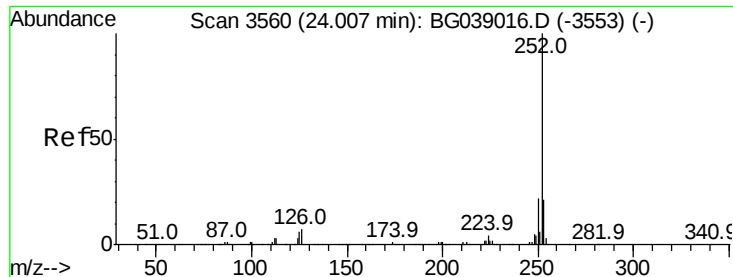
Delta R.T. -0.02 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	252	Resp:	520805
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	5.7	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 42.607 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Instrument :

BNA_G

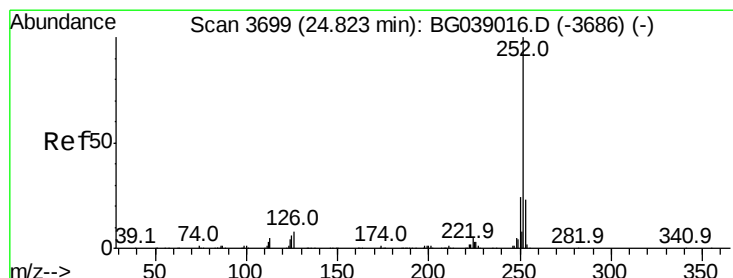
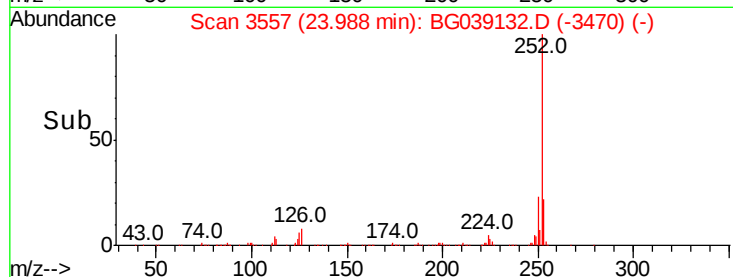
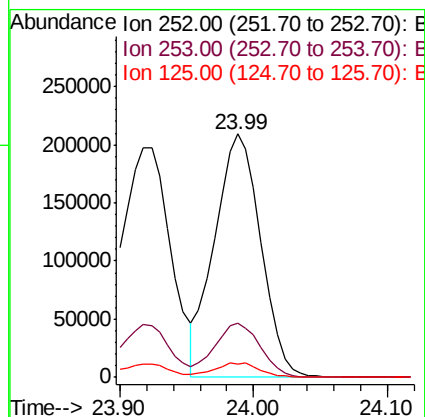
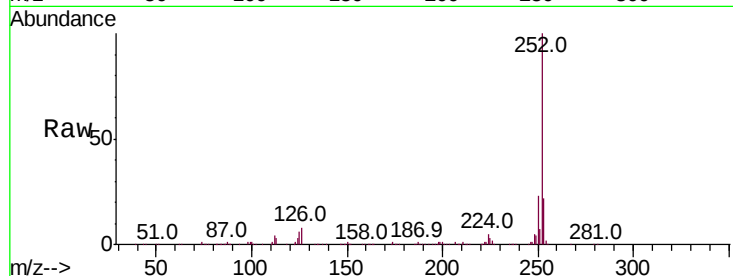
ClientSampled :

PB116382BS

Tot Ion:	252	Resp:	504790
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	5.6	4.6	7.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 43.714 ng

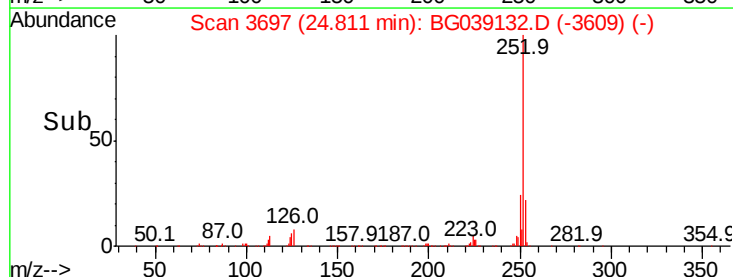
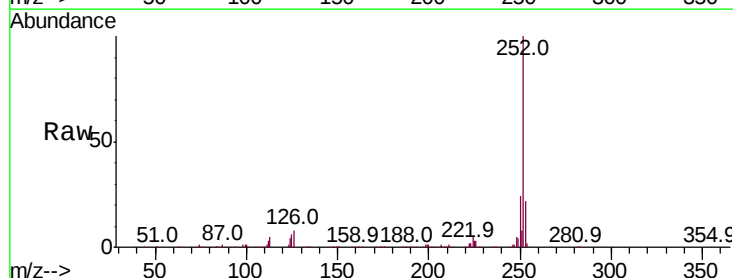
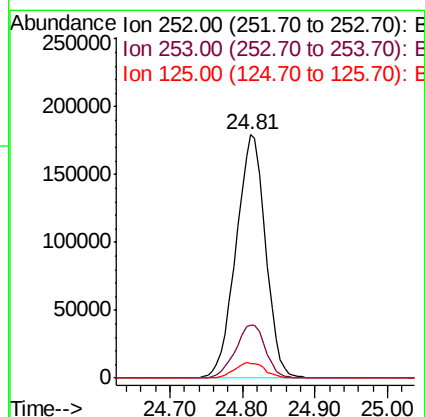
RT: 24.81 min Scan# 3697

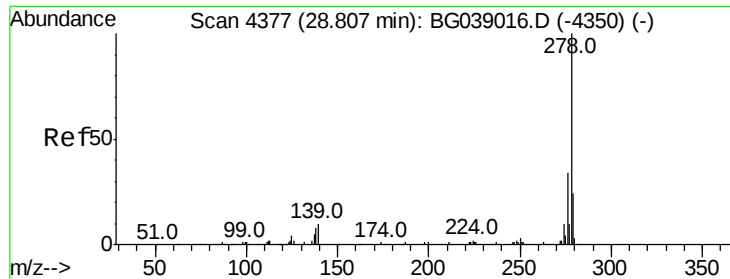
Delta R.T. -0.01 min

Lab File: BG039132.D

Acq: 15 Jan 2019 14:35

Tgt Ion:	252	Resp:	506312
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.3	27.5
125	6.2	4.9	7.3





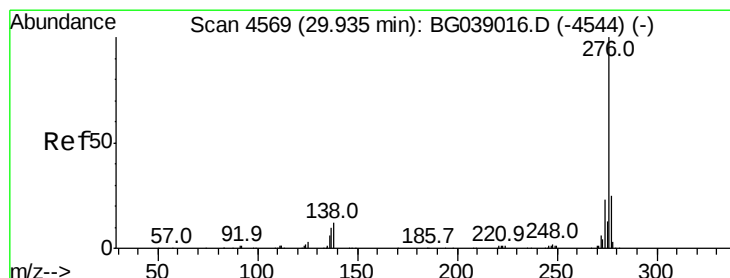
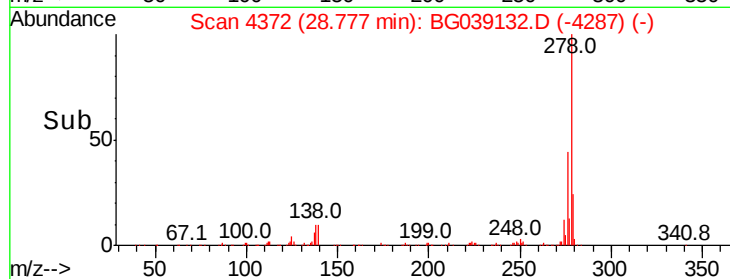
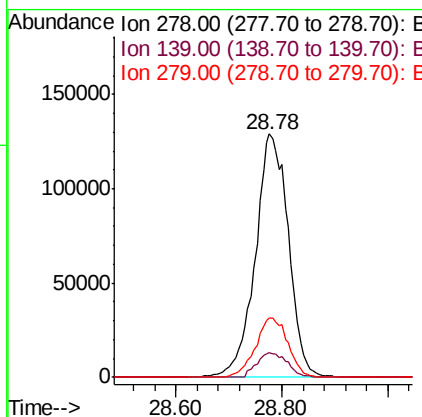
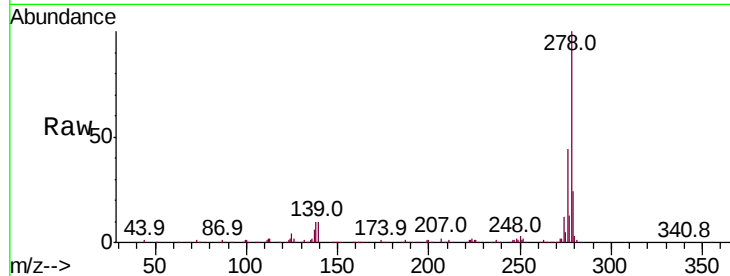
#91
 Dibenzo(a,h)anthracene
 Concen: 48.565 ng
 RT: 28.78 min Scan# 4372
 Delta R.T. -0.03 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:00 PM



#92
 Benzo(g,h,i)perylene
 Concen: 49.502 ng
 RT: 29.90 min Scan# 4564
 Delta R.T. -0.03 min
 Lab File: BG039132.D
 Acq: 15 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	13.5	9.4	14.2

