

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039107.D
 Acq On : 12 Jan 2019 7:12
 Operator : JU/SJ
 Sample : K1011-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:31:24 PM

Quant Time: Jan 14 10:20:08 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	26548	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117943	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	98178	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225071	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196585	20.00	ng	-0.01
87) Perylene-d12	24.96	264	211432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	218764	156.32	ng	0.00
7) Phenol-d6	7.19	99	309876	153.86	ng	0.00
23) Nitrobenzene-d5	9.20	82	199247	92.44	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	200463	121.81	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552207	76.98	ng	0.00
79) Terphenyl-d14	20.02	244	924265	86.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21218	38.716	ng	# 28
3) Pyridine	3.87	79	65000	43.649	ng	# 87
4) n-Nitrosodimethylamine	3.79	42	36011	53.739	ng	87
6) Aniline	7.35	93	49461	20.449	ng	99
8) 2-Chlorophenol	7.59	128	88259	53.500	ng	98
9) Benzaldehyde	7.17	77	30313	26.098	ng	96
10) Phenol	7.21	94	105228	52.113	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	73435	47.584	ng	98
12) 1,3-Dichlorobenzene	7.91	146	81515	41.241	ng	97
13) 1,4-Dichlorobenzene	8.06	146	82630	41.278	ng	98
14) 1,2-Dichlorobenzene	8.38	146	81299	42.596	ng	97
15) Benzyl Alcohol	8.27	79	78283	51.613	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	129532	43.772	ng	99
17) 2-Methylphenol	8.47	107	76410	54.497	ng	98
18) Hexachloroethane	9.10	117	29303	43.088	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	64963	49.119	ng	91
20) 3+4-Methylphenols	8.80	107	105258	52.654	ng	98
22) Acetophenone	8.86	105	130975	42.523	ng	# 94
24) Nitrobenzene	9.25	77	99888	45.849	ng	99
25) Isophorone	9.76	82	203114	54.706	ng	97
26) 2-Nitrophenol	9.96	139	55612	47.193	ng	99
27) 2,4-Dimethylphenol	10.00	122	93182	56.206	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	117533	52.672	ng	99
29) 2,4-Dichlorophenol	10.49	162	110728	53.762	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	102653	41.481	ng	99
31) Naphthalene	10.89	128	275707	46.609	ng	98
32) Benzoic acid	10.16	122	31414	34.192	ng	92
33) 4-Chloroaniline	11.02	127	13226	4.997	ng	# 91
34) Hexachlorobutadiene	11.15	225	63551	37.322	ng	90
35) Caprolactam	11.80	113	30011m	36.337	ng	
36) 4-Chloro-3-methylphenol	12.13	107	117675	53.419	ng	96
37) 2-Methylnaphthalene	12.50	142	219086	49.400	ng	100
38) 1-Methylnaphthalene	12.71	142	210667	49.489	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	136842	37.113	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	131697	64.607	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	98413	42.408	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	107515	43.836	nq	99
46) 1,1'-Biphenyl	13.50	154	321769	41.362	nq	100
47) 2-Chloronaphthalene	13.55	162	254397	40.410	nq	100
48) 2-Nitroaniline	13.76	65	81117	45.994	nq	89
49) Acenaphthylene	14.39	152	415314	43.892	nq	99
50) Dimethylphthalate	14.12	163	346363	41.748	nq	99
51) 2,6-Dinitrotoluene	14.25	165	76387	41.182	nq	99
52) Acenaphthene	14.73	154	253774	44.638	nq	96
53) 3-Nitroaniline	14.59	138	13116	6.970	nq	97
54) 2,4-Dinitrophenol	14.80	184	53862	50.685	nq	94
55) Dibenzofuran	15.06	168	402712	40.108	nq	99
56) 4-Nitrophenol	14.90	139	94533	69.823	nq	95
57) 2,4-Dinitrotoluene	15.04	165	108009	40.587	nq	97
58) Fluorene	15.71	166	328667	43.487	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99683	43.055	nq	98
60) Diethylphthalate	15.47	149	373803	43.730	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	187176	39.311	nq	97
62) 4-Nitroaniline	15.76	138	69623	35.518	nq	98
63) Azobenzene	15.99	77	278850	41.715	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51297	30.764	nq	89
66) n-Nitrosodiphenylamine	15.92	169	309498	46.386	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	129743	44.844	nq	99
68) Hexachlorobenzene	16.71	284	136231	43.152	nq	98
69) Atrazine	16.86	200	134161	47.332	nq	95
70) Pentachlorophenol	17.07	266	117882	61.853	nq	97
71) Phenanthrene	17.46	178	564594	47.459	nq	99
72) Anthracene	17.55	178	562811	47.848	nq	99
73) Carbazole	17.82	167	475226	40.926	nq	98
74) Di-n-butylphthalate	18.35	149	555151	42.976	nq	99
75) Fluoranthene	19.47	202	600468	40.715	nq	99
77) Benzidine	19.65	184	59400	9.879	nq	96
78) Pyrene	19.83	202	601197	47.988	nq	99
80) Butylbenzylphthalate	20.70	149	228173	47.886	nq	98
81) Benzo(a)anthracene	21.67	228	578467	48.338	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	73770	15.129	nq	97
83) Chrysene	21.74	228	545526	47.930	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	336717	50.893	nq	96
85) Di-n-octyl phthalate	22.75	149	588750	52.627	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	684825	50.354	nq	# 95
88) Benzo(b)fluoranthene	23.92	252	643811	55.223	nq	99
89) Benzo(k)fluoranthene	23.99	252	603988m	52.398	nq	
90) Benzo(a)pyrene	24.80	252	590945	52.441	nq	# 97
91) Dibenzo(a,h)anthracene	28.78	278	572991	51.121	nq	100
92) Benzo(g,h,i)perylene	29.90	276	550264	49.589	nq	# 96

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

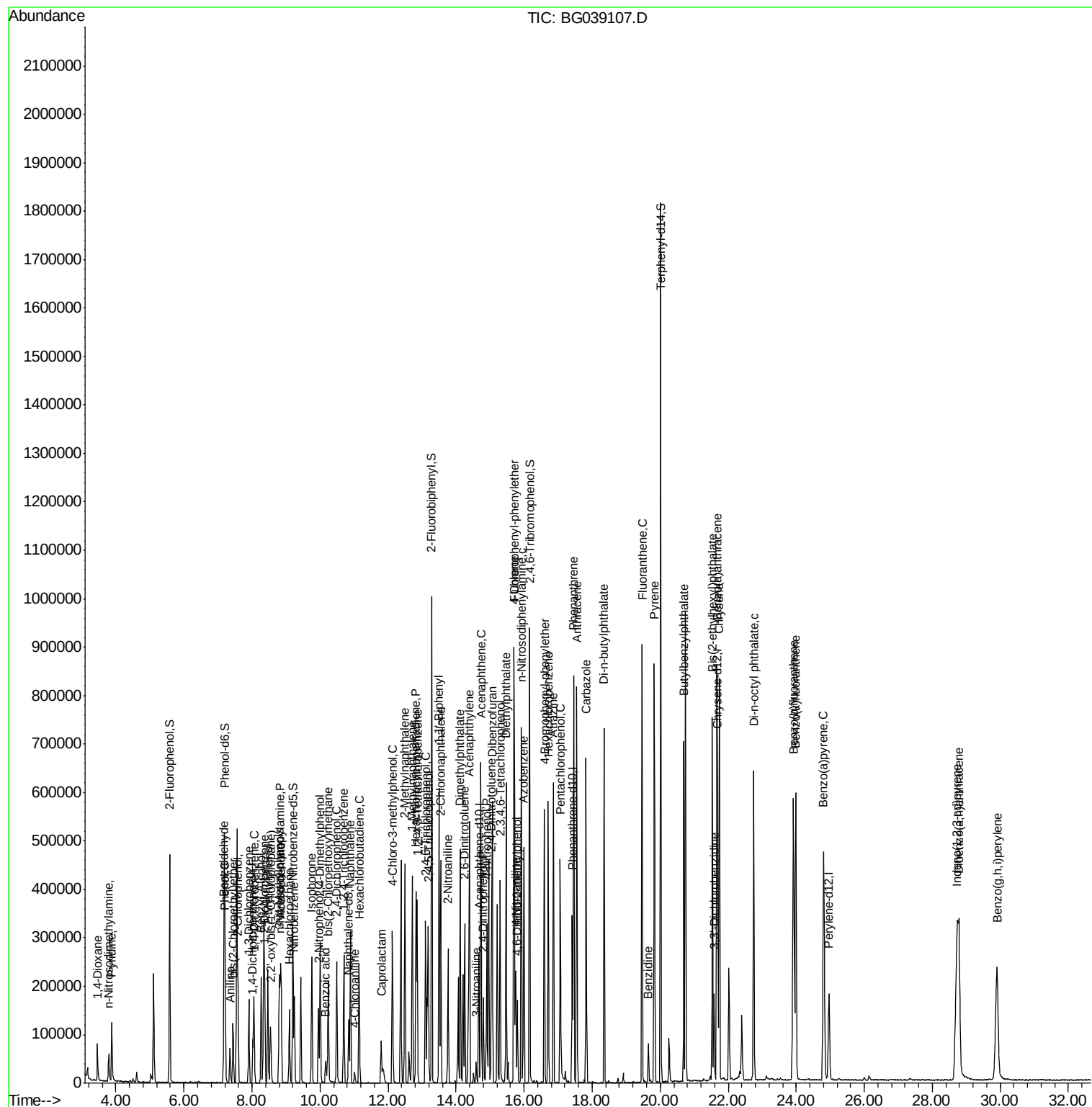
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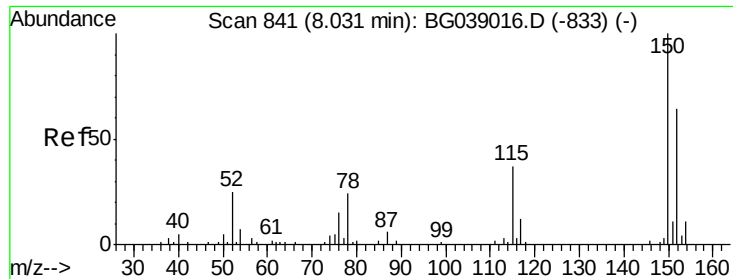
Instrument :
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#1

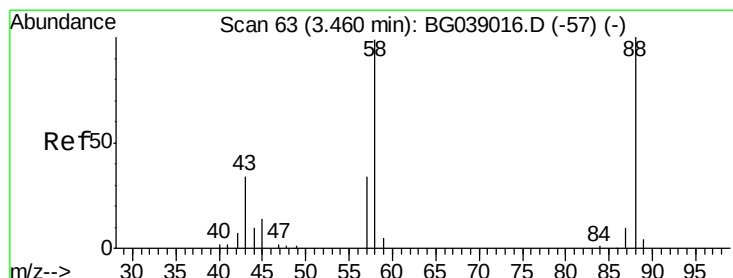
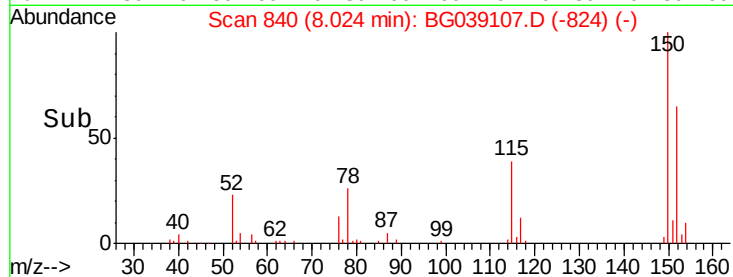
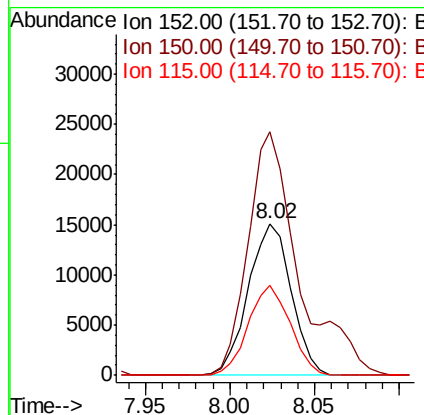
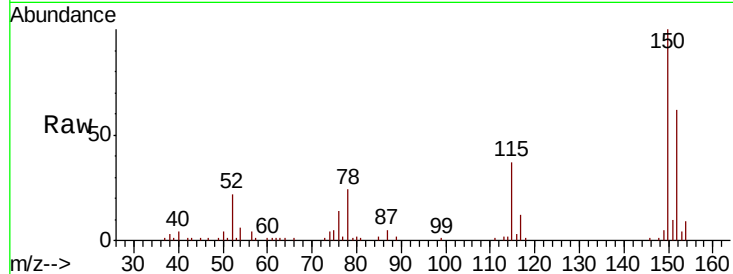
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	59.5	46.5	69.7

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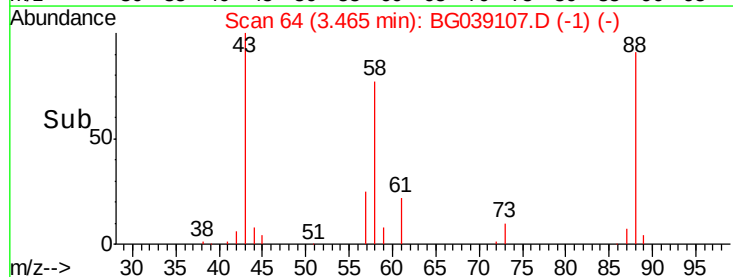
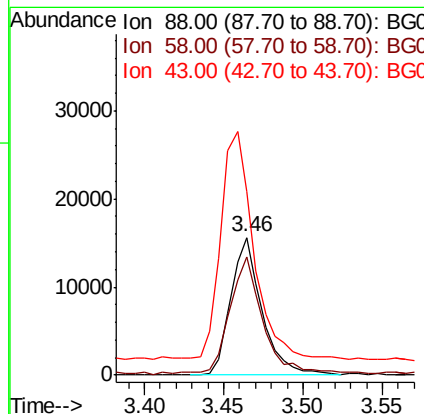
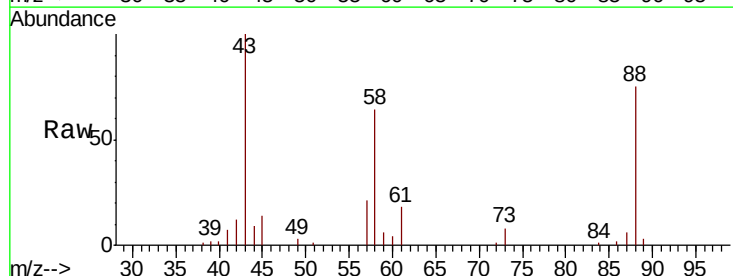
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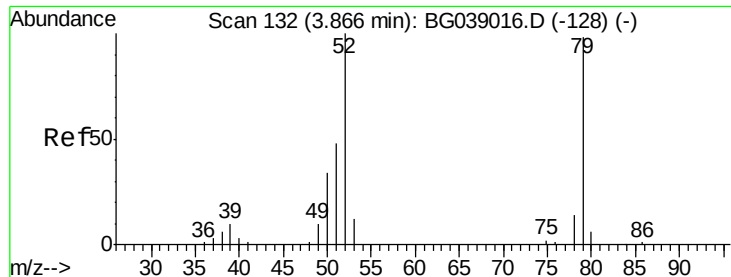


#2

1,4-Dioxane
Concen: 38.716 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	72.4	108.6
43	177.3	27.6	41.4#





#3

Pvridine

Concen: 43.649 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

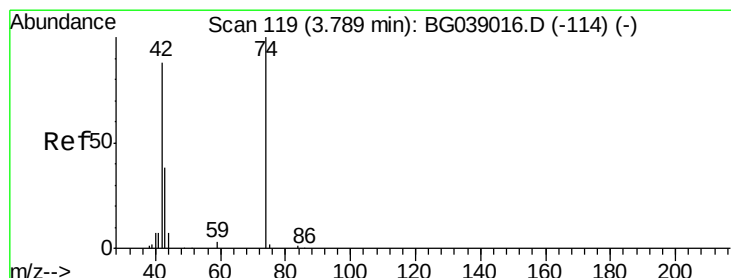
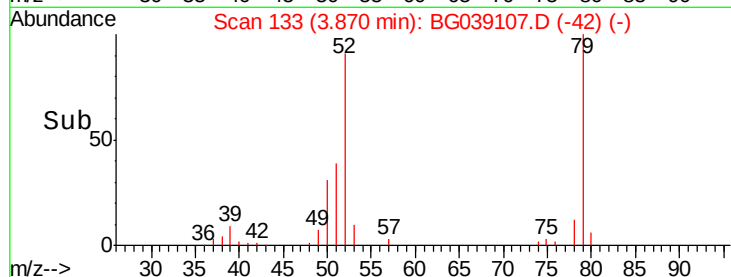
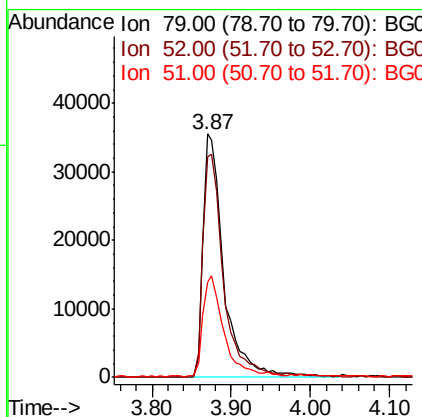
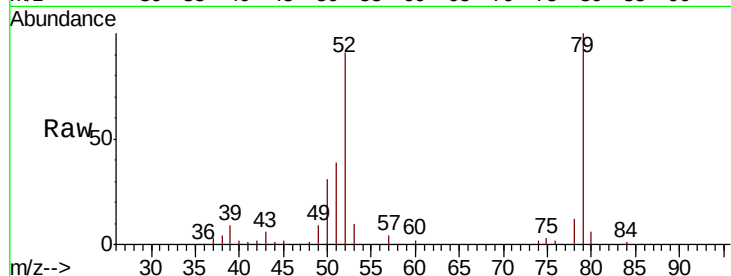
ClientSampleId :

OR-02-011019-AMS

Tot Ion:	79	Resp:	65000
Ion	Ratio	Lower	Upper
79	100		
52	90.6	81.5	122.3
51	39.2	39.8	59.6#

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#4

n-Nitrosodimethylamine

Concen: 53.739 ng

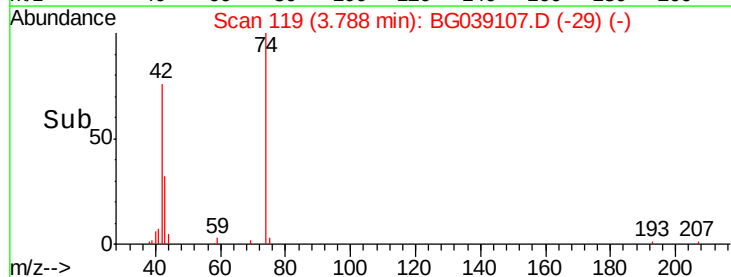
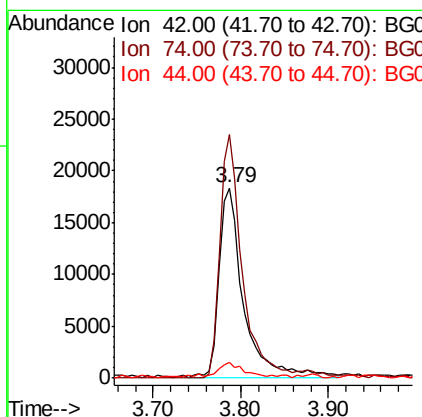
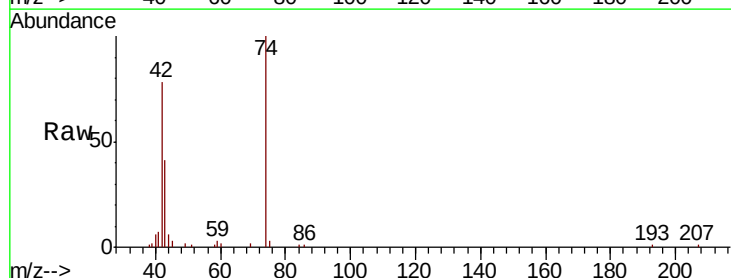
RT: 3.79 min Scan# 119

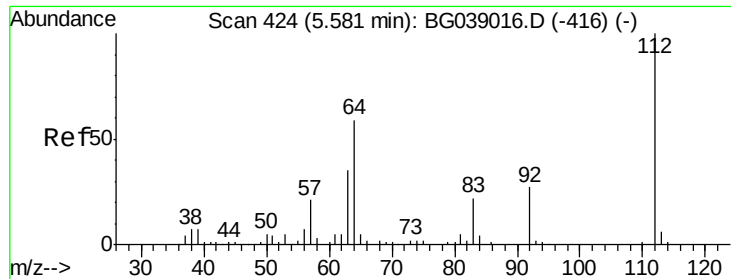
Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	42	Resp:	36011
Ion	Ratio	Lower	Upper
42	100		
74	128.1	90.7	136.1
44	8.2	6.5	9.7





#5

2-Fluorophenol

Concen: 156.317 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

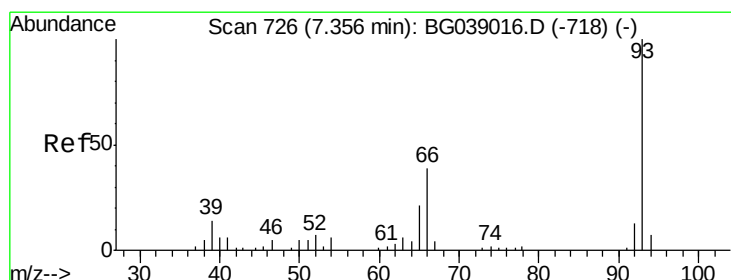
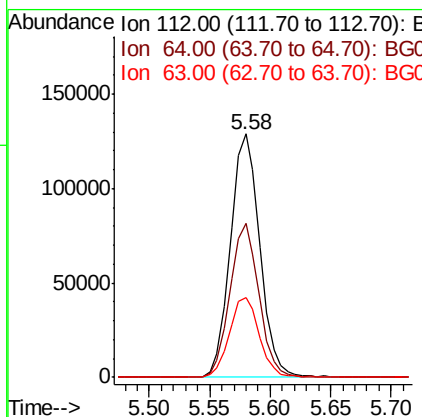
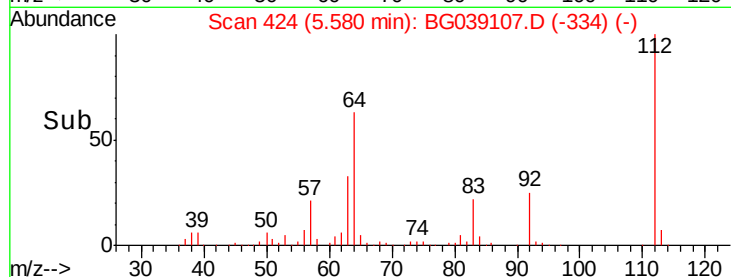
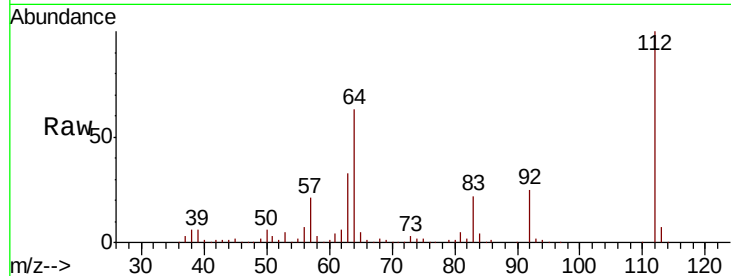
ClientSampleId :

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Tot Ion:	112	Resp:	218764
Ion Ratio	Lower	Upper	
112	100		
64	63.1	47.0	70.6
63	32.8	28.0	42.0

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#6

Aniline

Concen: 20.449 ng

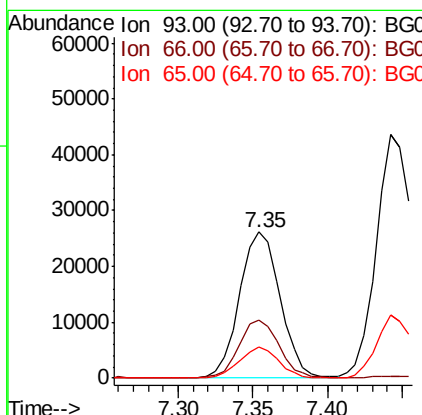
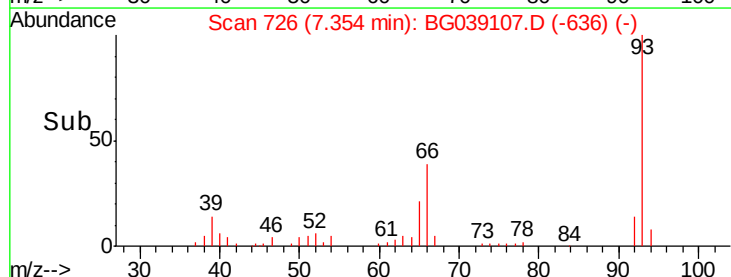
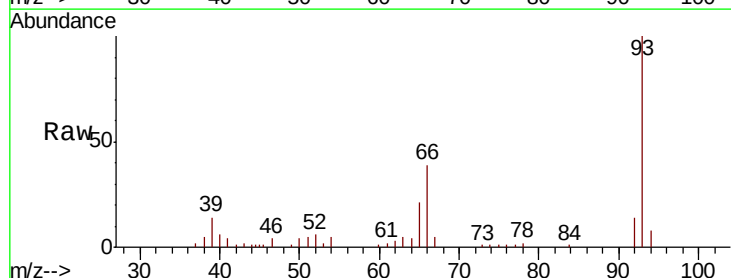
RT: 7.35 min Scan# 726

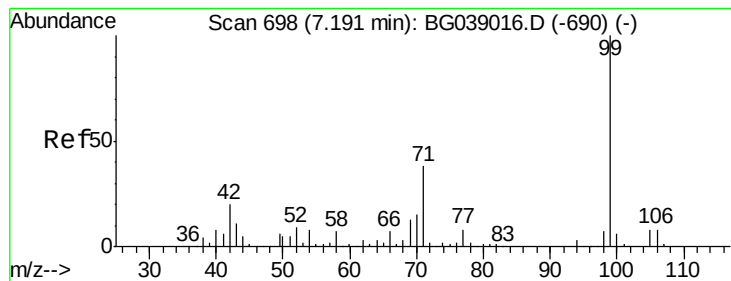
Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	93	Resp:	49461
Ion Ratio	Lower	Upper	
93	100		
66	39.4	30.9	46.3
65	21.3	17.0	25.4





#7

Phenol-d6

Concen: 153.858 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

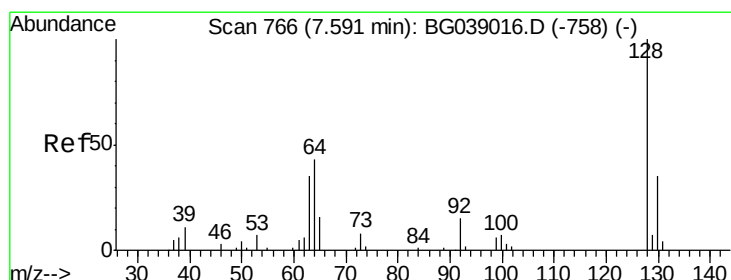
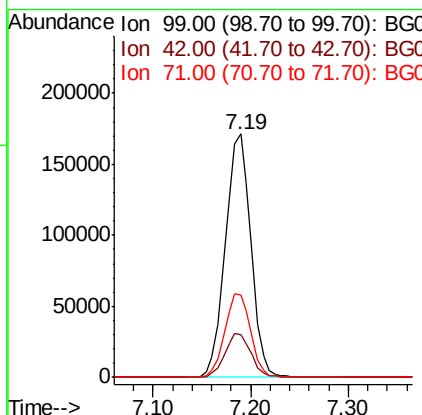
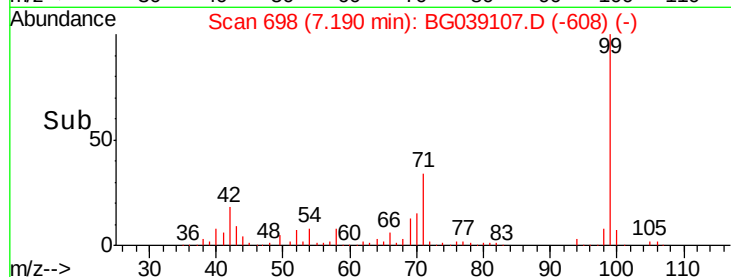
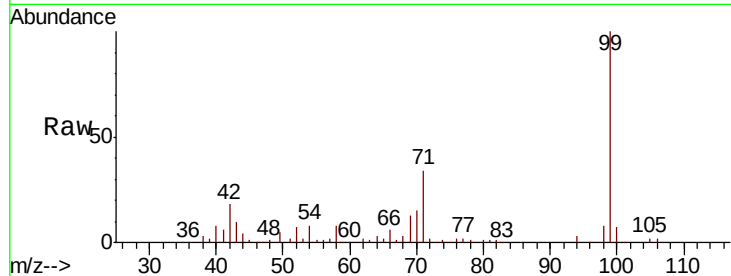
ClientSampleId :

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Tot Ion:	99	Resp:	309876
Ion Ratio	Lower	Upper	
99	100		
42	17.6	15.8	23.6
71	34.0	30.2	45.4

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#8

2-Chlorophenol

Concen: 53.500 ng

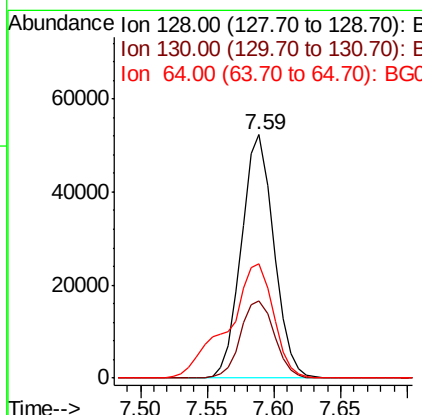
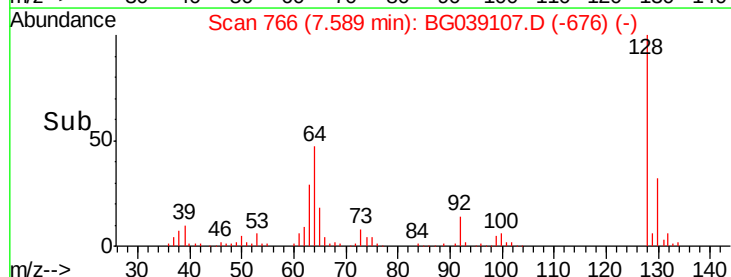
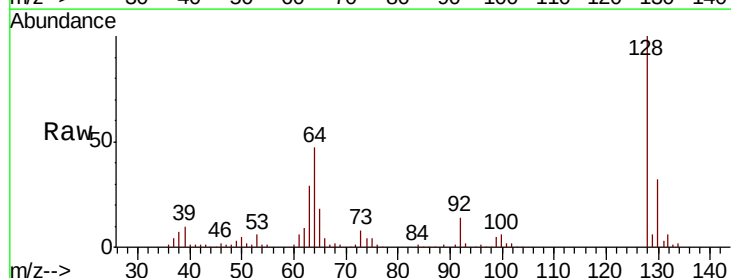
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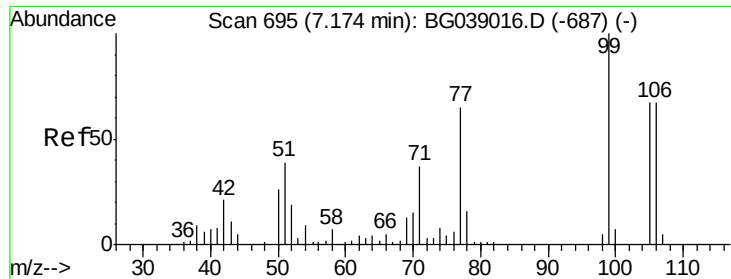
Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	128	Resp:	88259
Ion Ratio	Lower	Upper	
128	100		
130	31.9	14.5	54.5
64	47.2	27.3	67.3





#9

Benzaldehyde

Concen: 26.098 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

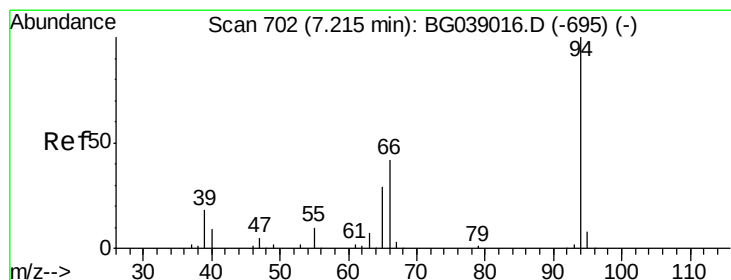
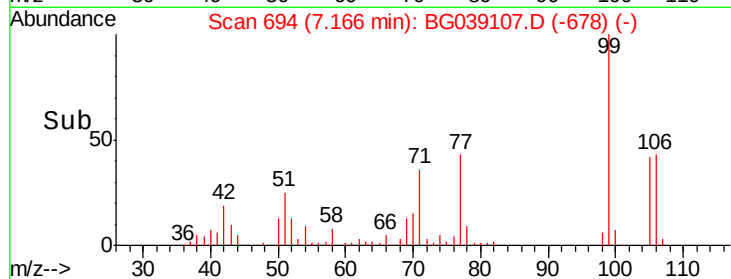
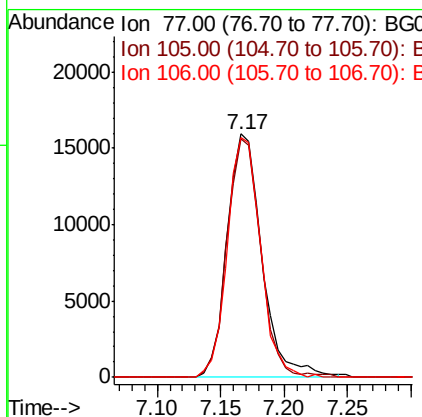
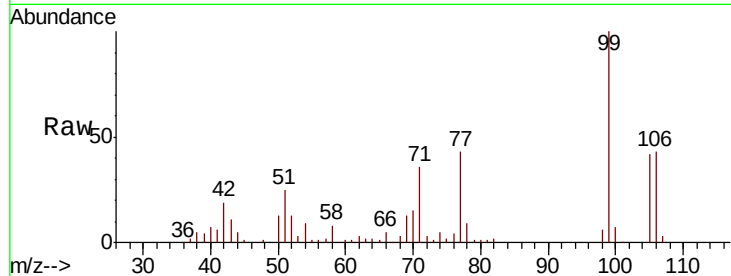
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.9	82.4	122.4		
106	98.6	82.8	122.8		

Manual Integrations
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#10

Phenol

Concen: 52.113 ng

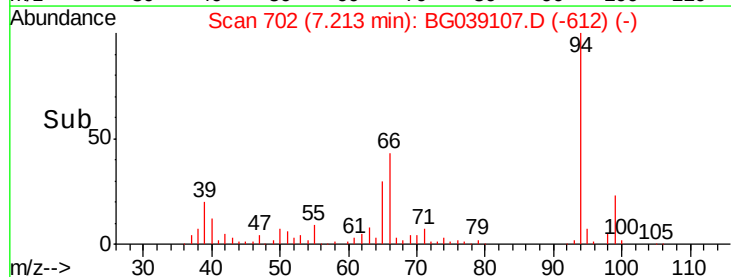
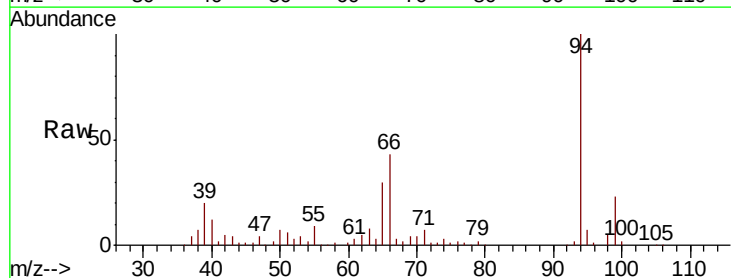
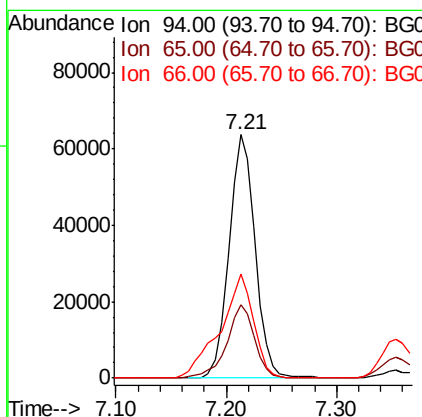
RT: 7.21 min Scan# 702

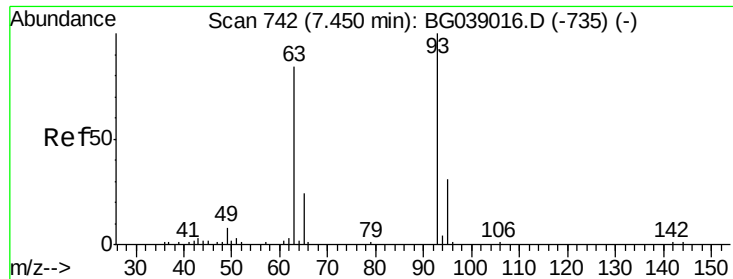
Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.2	10.3	50.3		
66	42.7	25.1	65.1		





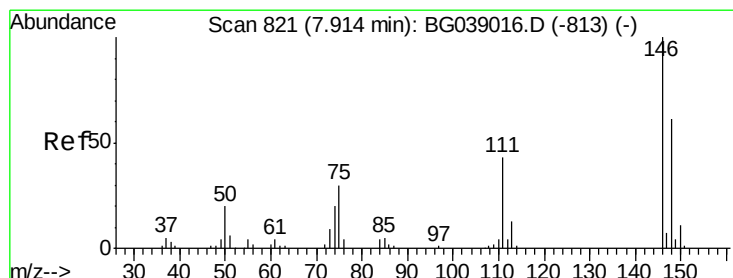
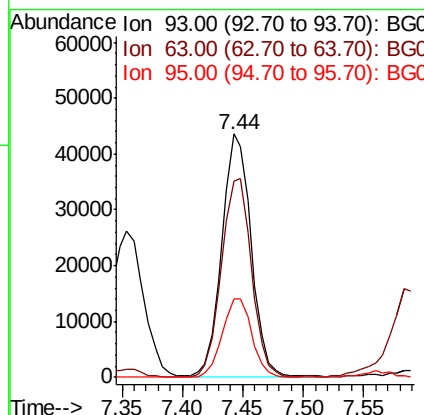
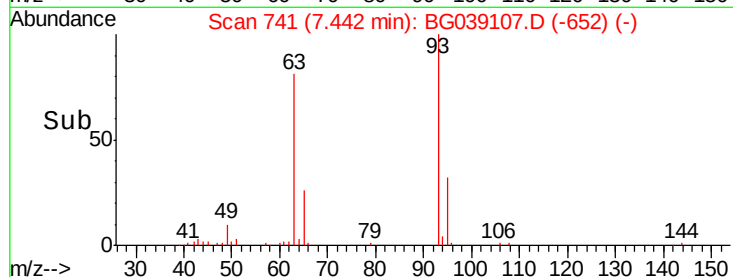
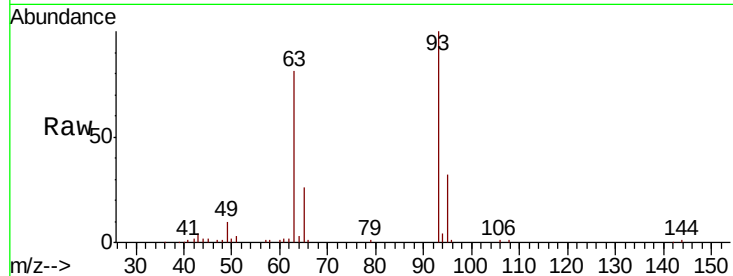
#11
bis(2-Chloroethyl)ether
Concen: 47.584 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion:	93	Resp:	73435
Ion Ratio	Lower	Upper	
93	100		
63	80.9	63.2	103.2
95	32.1	11.2	51.2

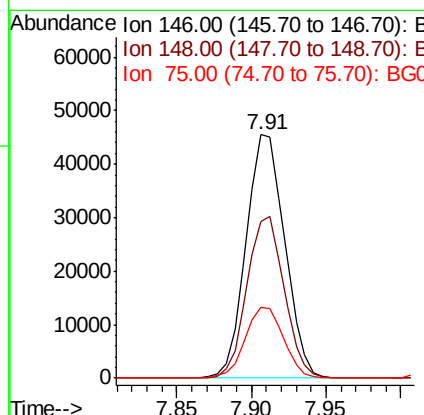
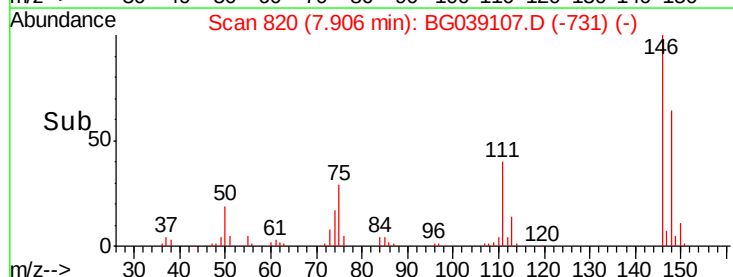
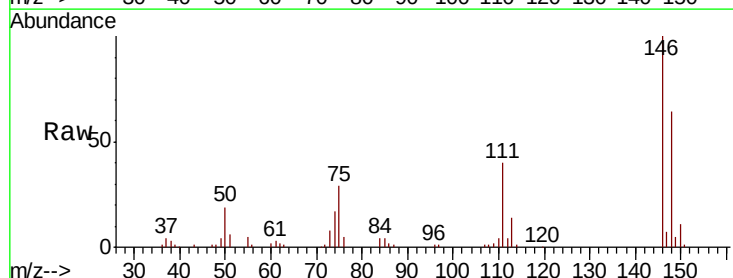
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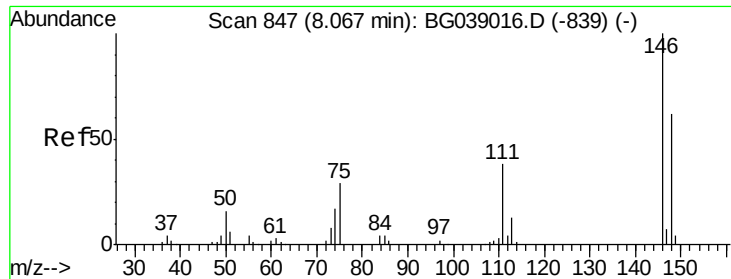
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.241 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion:	146	Resp:	81515
Ion Ratio	Lower	Upper	
146	100		
148	64.1	49.1	73.7
75	29.3	23.9	35.9





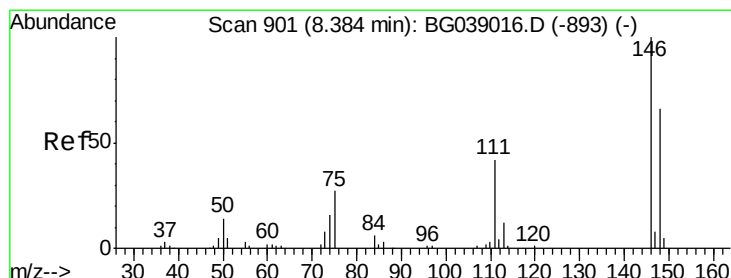
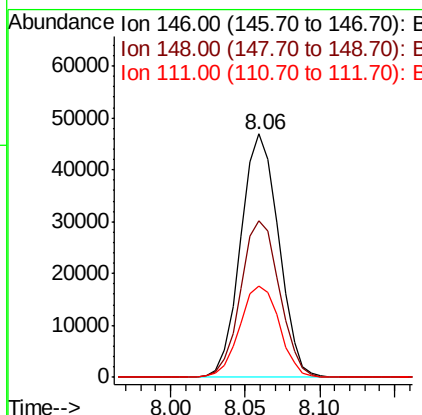
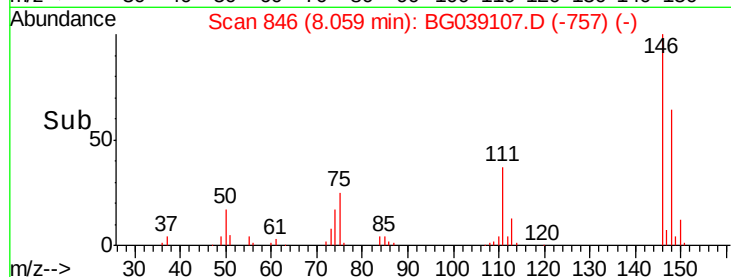
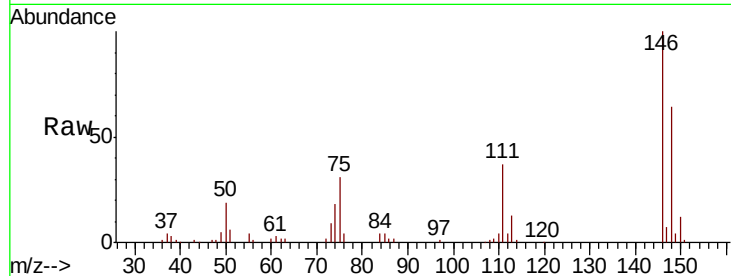
#13
 1,4-Dichlorobenzene
 Concen: 41.278 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.6
111	37.4	30.6	45.8

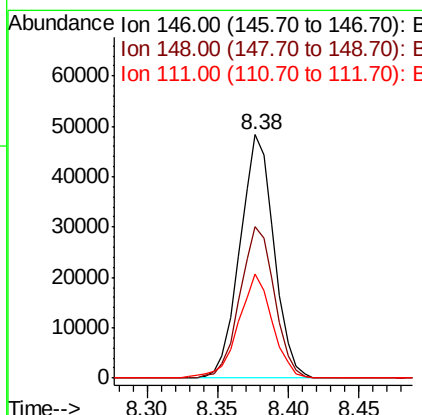
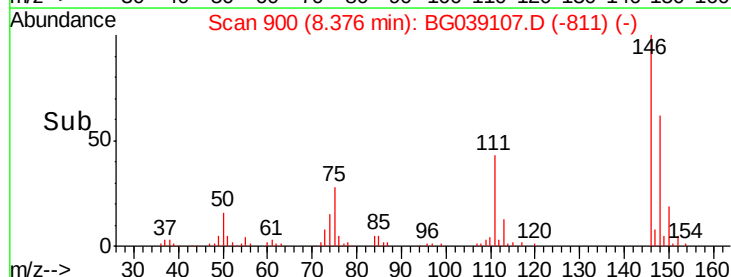
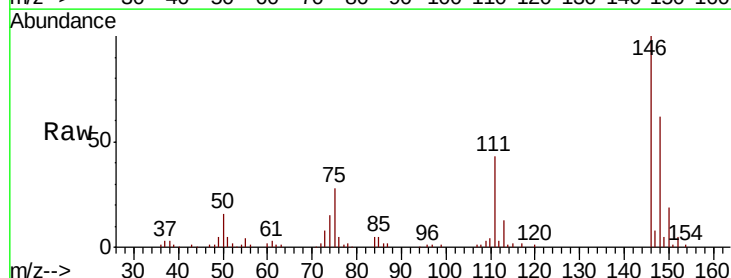
Manual Integrations
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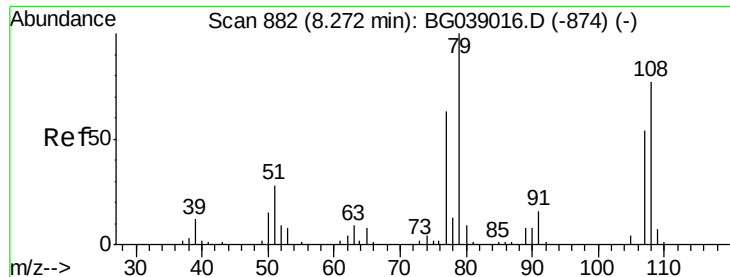
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.596 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.6	79.0
111	42.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 51.613 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

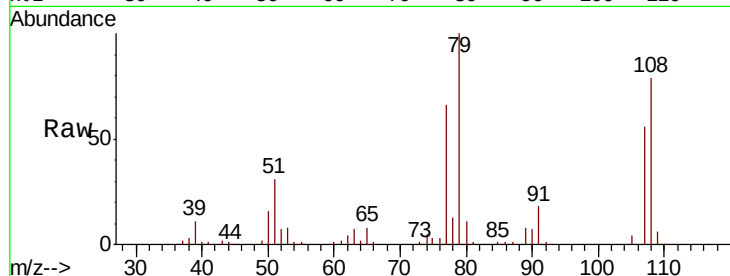
ClientSampleId :

OR-02-011019-AMS

Tot Ion:	79	Resp:	78283
Ion	Ratio	Lower	Upper
79	100		
108	79.2	62.0	93.0
77	66.3	50.1	75.1

Manual Integrations
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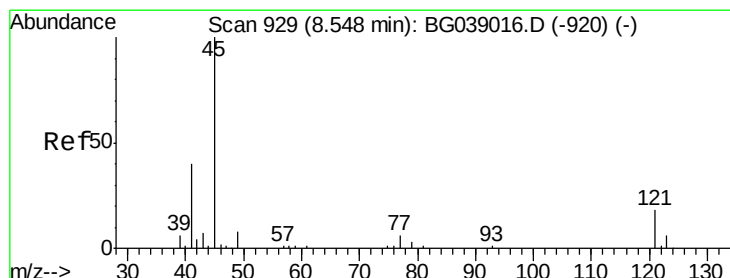
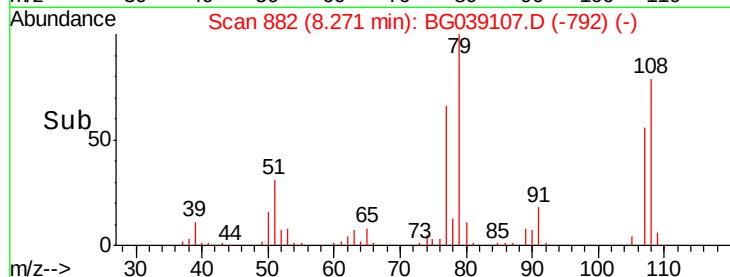
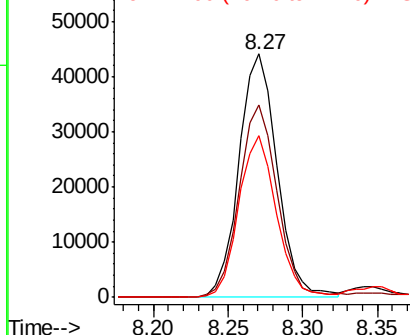


Abundance

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: 43.772 ng

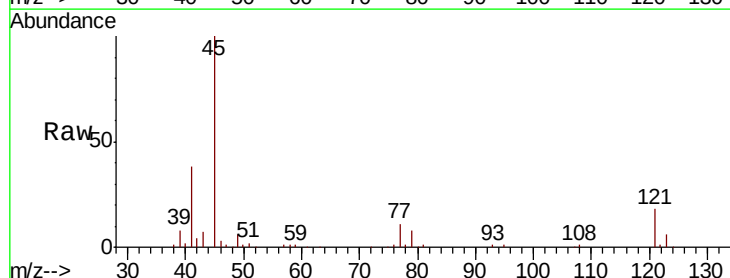
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	45	Resp:	129532
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.7
79	8.2	0.0	28.5

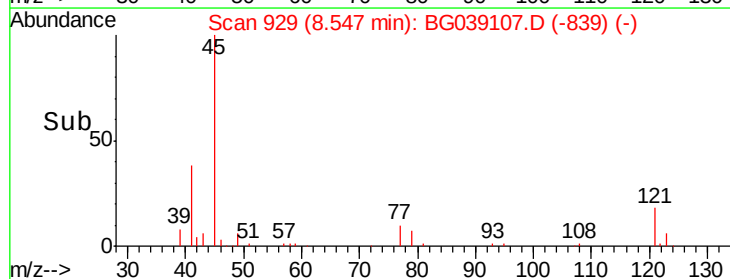
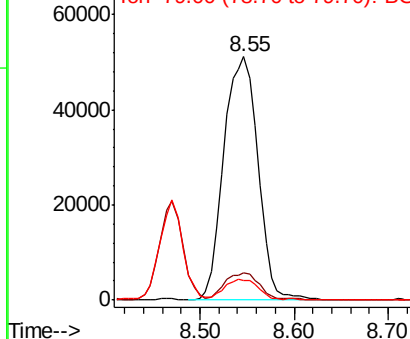


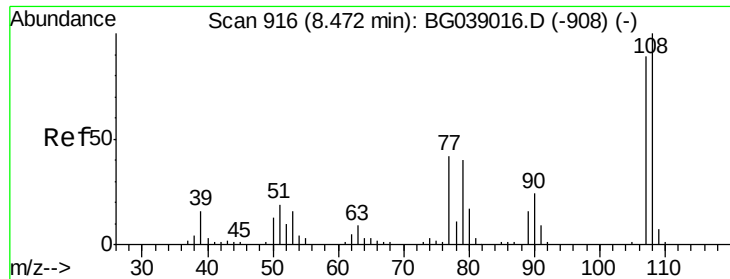
Abundance

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





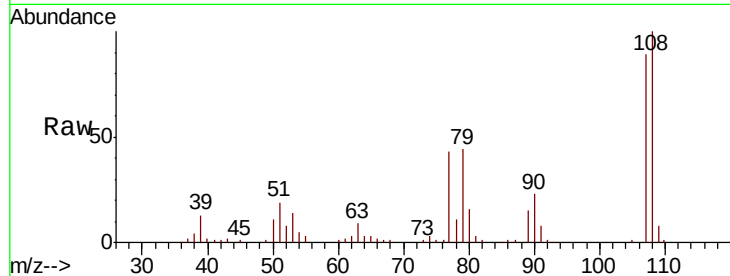
#17
2-Methylphenol
Concen: 54.497 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion:	107	Resp:	76410
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.3	135.5
77	48.0	38.3	57.5
79	48.7	35.8	53.6

Manual Integrations
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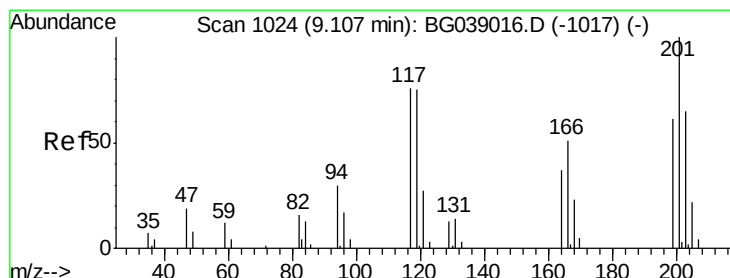
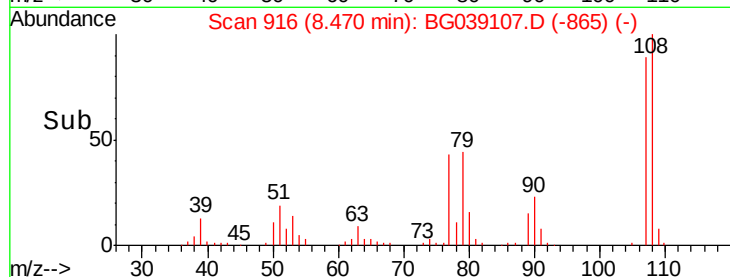
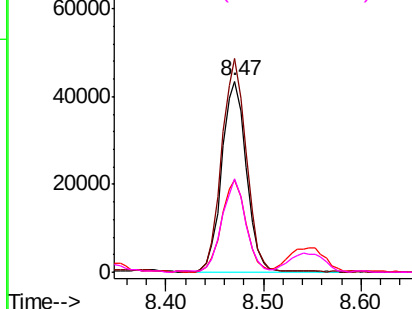
Abundance

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: 43.088 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

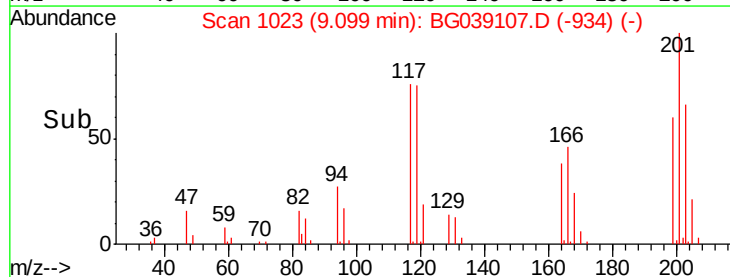
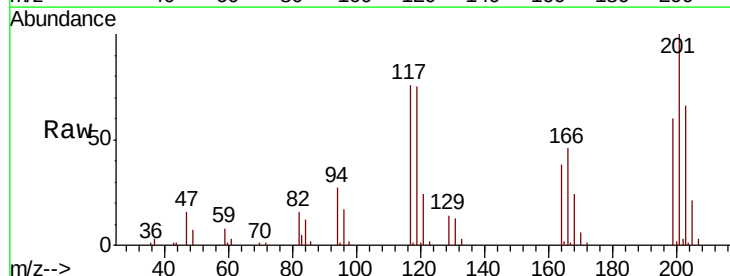
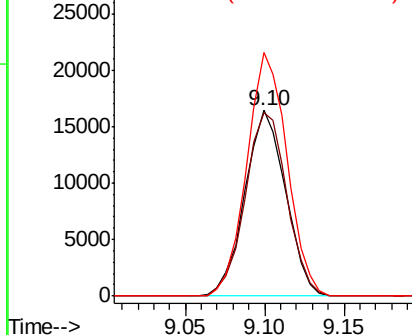
Tgt Ion:	117	Resp:	29303
Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.7	118.1
201	131.2	108.1	162.1

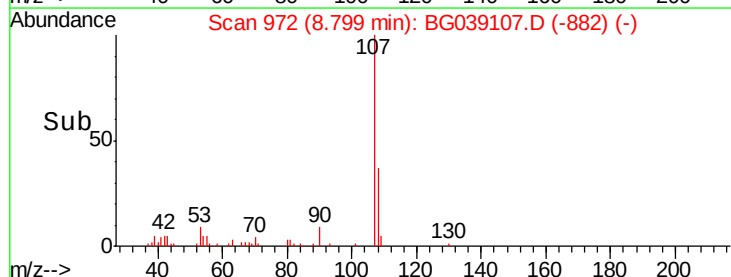
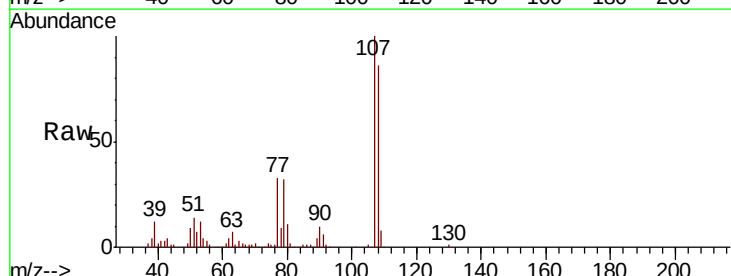
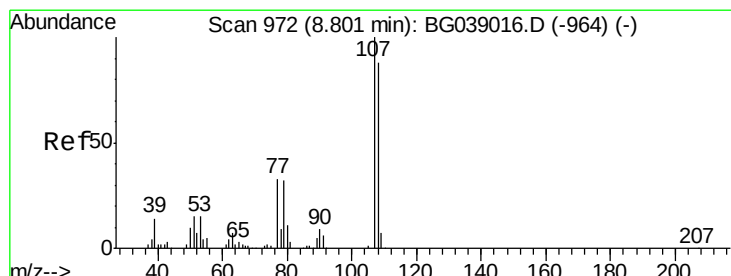
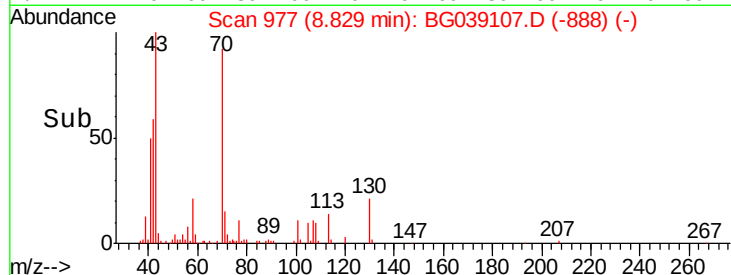
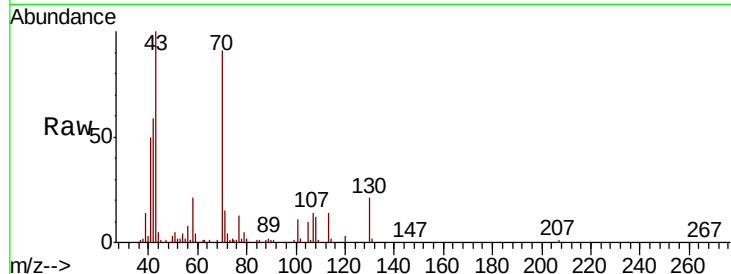
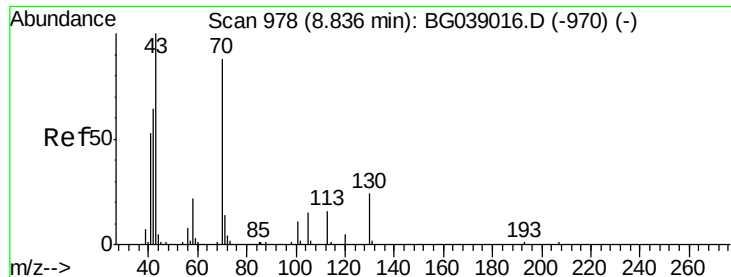
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

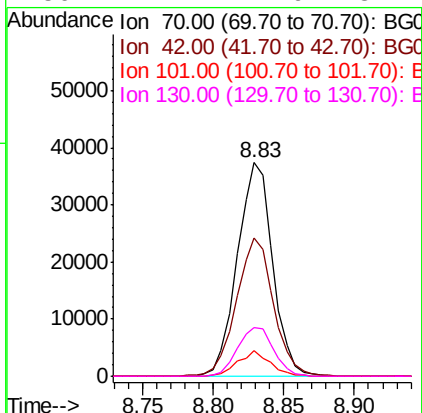
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.119 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	59.0	88.4
101	12.1	10.4	15.6
130	22.7	21.6	32.4



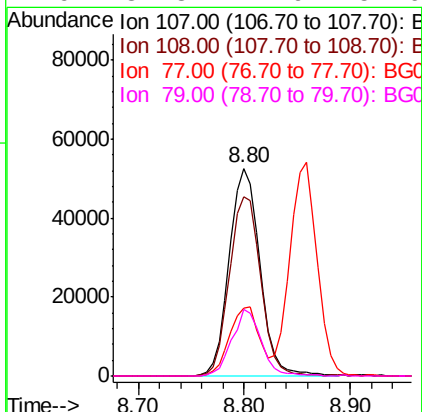
Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

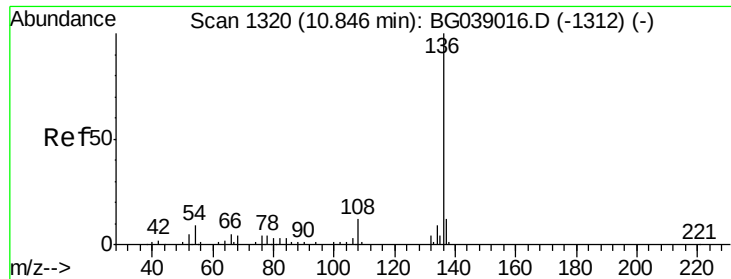
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#20
3+4-Methylphenols
Concen: 52.654 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.4	108.4
77	32.6	13.3	53.3
79	31.8	11.6	51.6





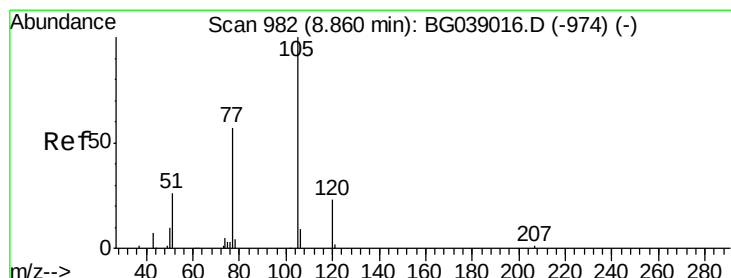
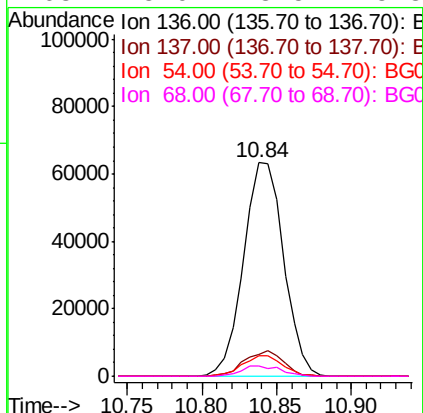
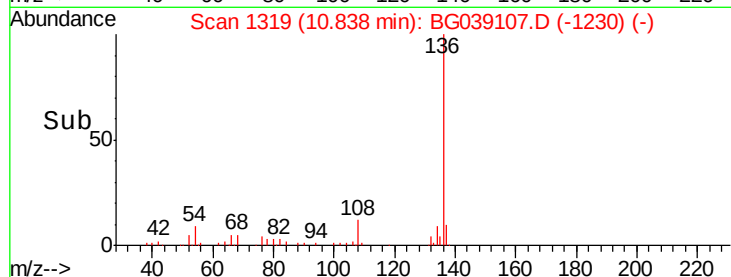
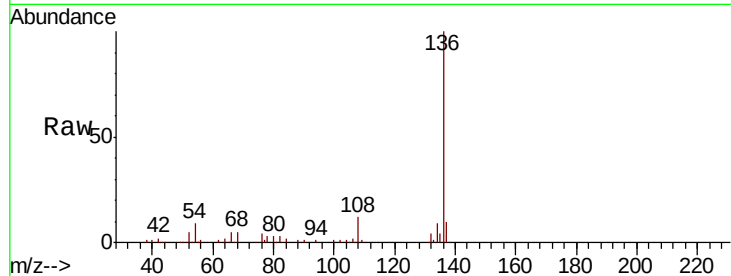
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	117943		
137	10.5		9.4	14.2
54	9.4		7.2	10.8
68	5.0		3.5	5.3

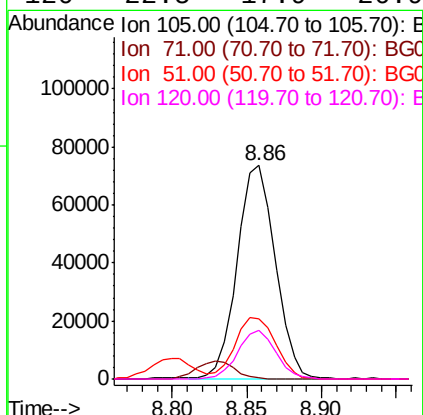
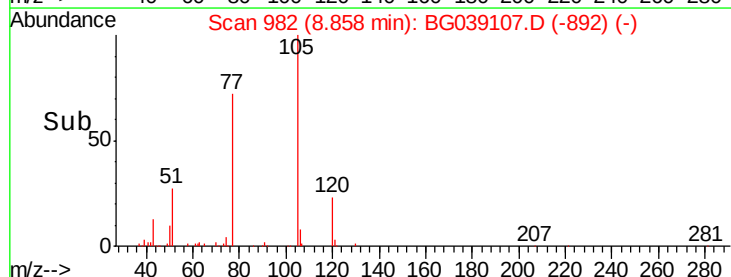
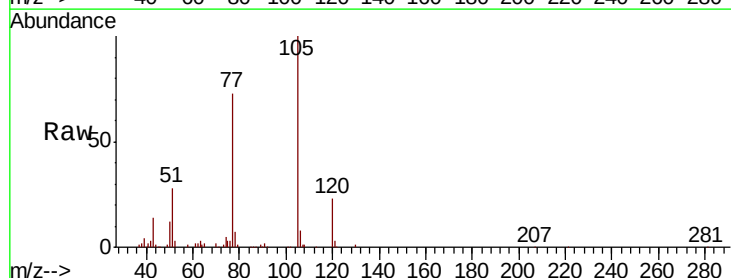
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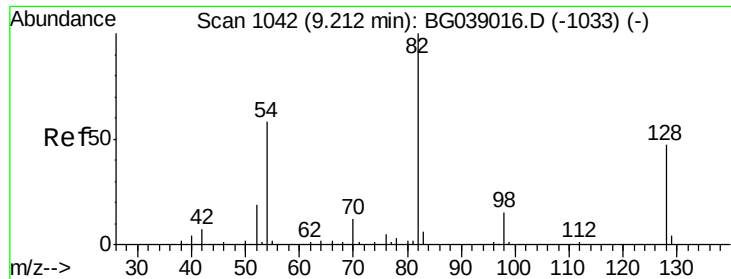
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#22
Acetophenone
Concen: 42.523 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130975		
71	0.4		0.6	1.0#
51	27.9		26.6	39.8
120	22.5		17.9	26.9





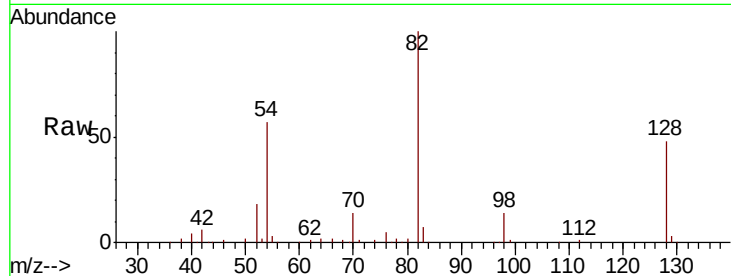
#23
Nitrobenzene-d5
Concen: 92.440 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

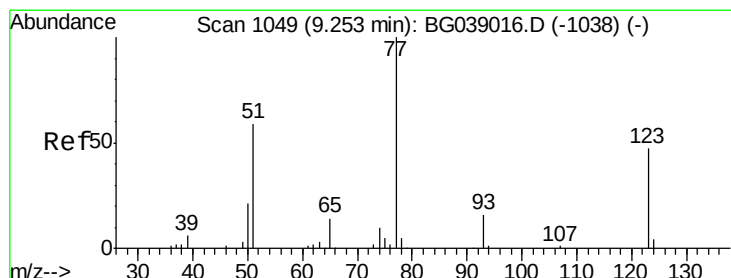
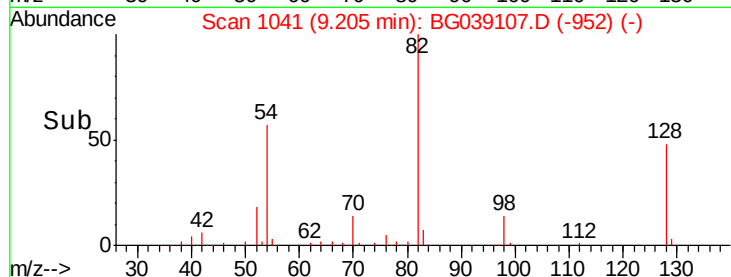
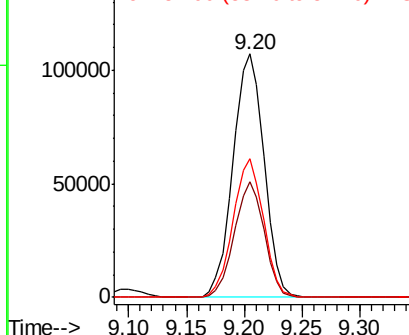
Tot Ion	Ratio	Resp	Lower	Upper
82	100	199247		
128	47.6	37.3	55.9	
54	57.1	46.4	69.6	

Manual Integrations
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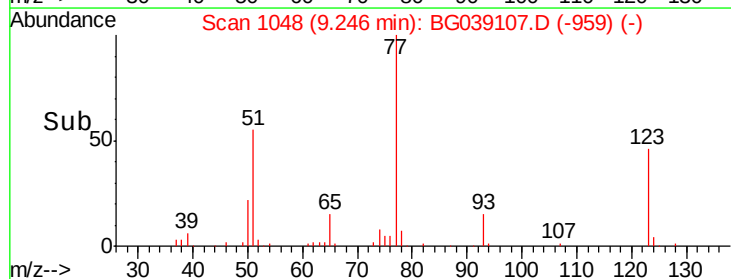
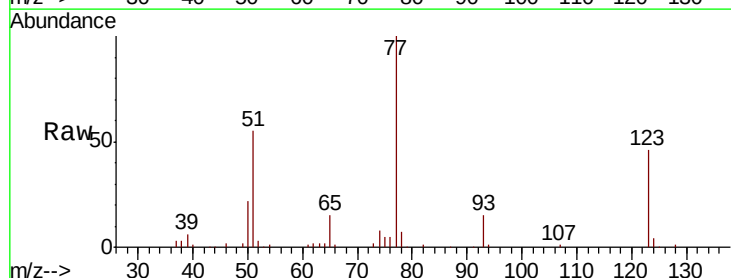
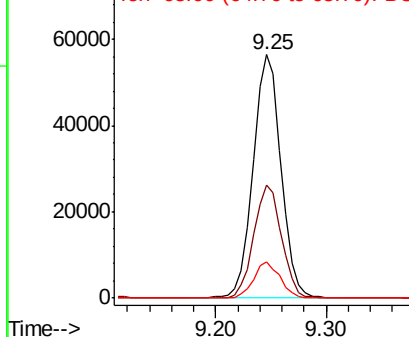
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

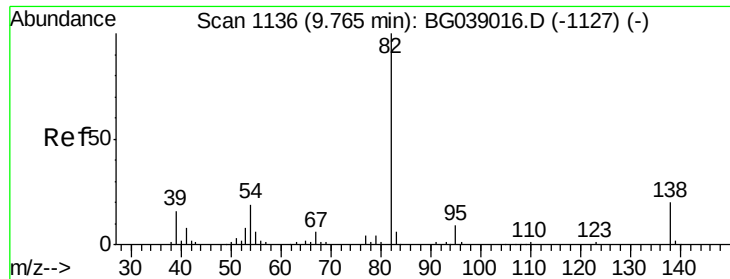


#24
Nitrobenzene
Concen: 45.849 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	99888		
123	46.5	37.6	56.4	
65	15.1	11.0	16.6	

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





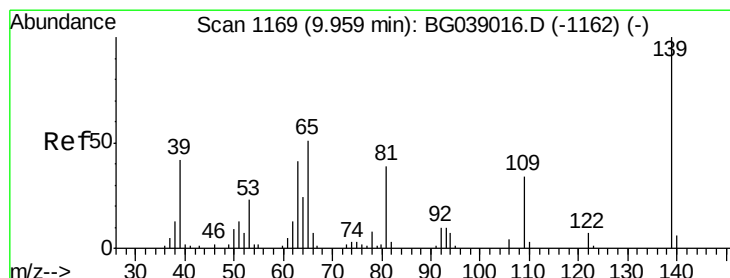
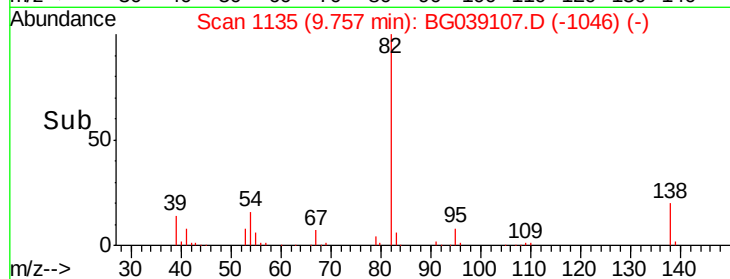
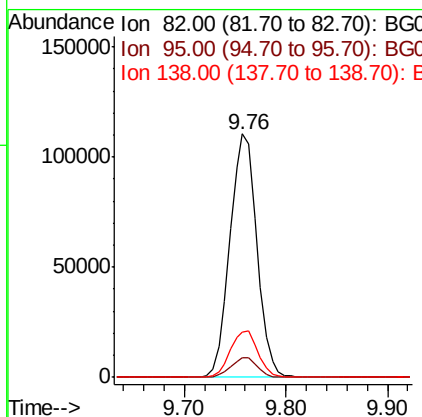
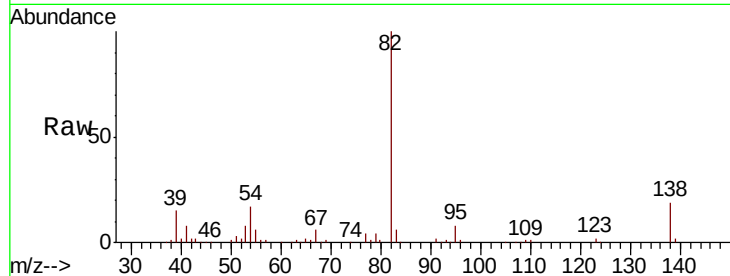
#25
Isophorone
Concen: 54.706 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	7.0	10.6	
138	18.8	16.2	24.4	

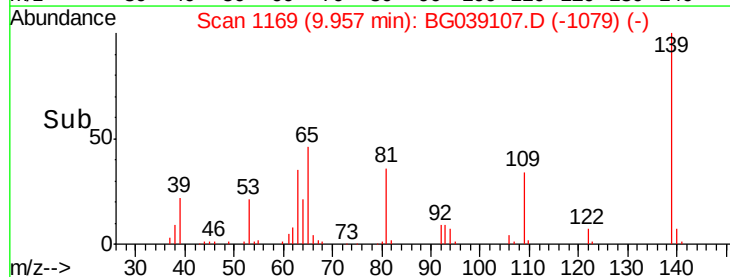
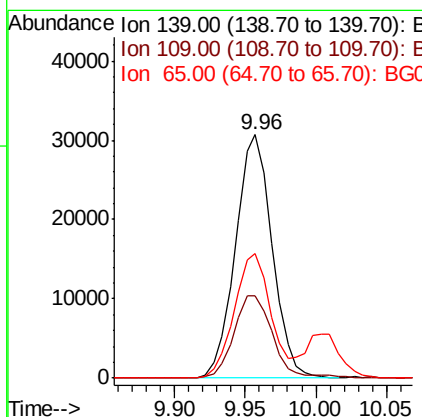
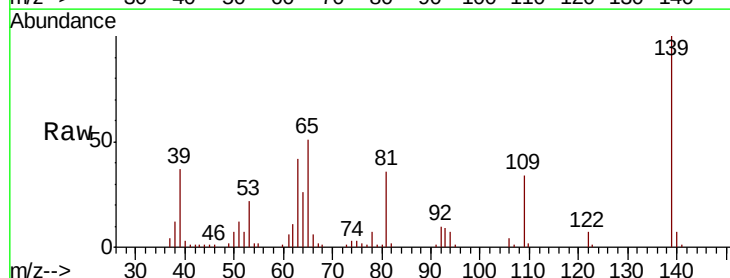
Manual Integrations
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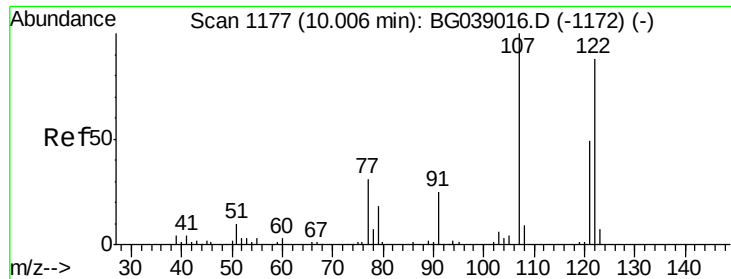
Sohil
1/14/2019 4:31:24 PM



#26
2-Nitrophenol
Concen: 47.193 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.6	27.3	40.9	
65	51.1	40.6	61.0	





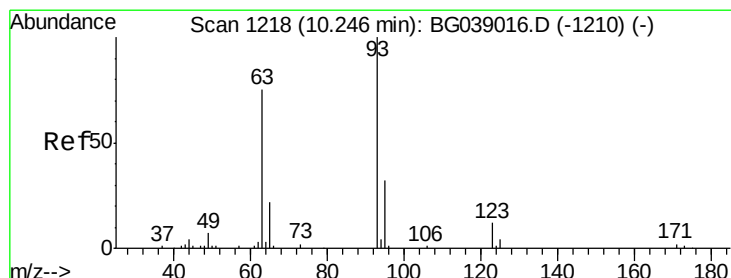
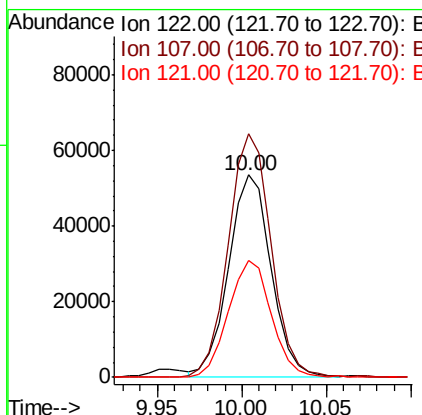
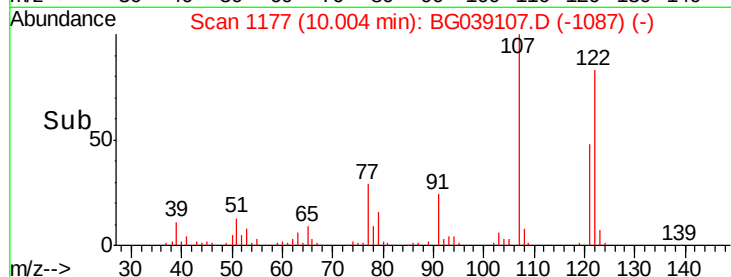
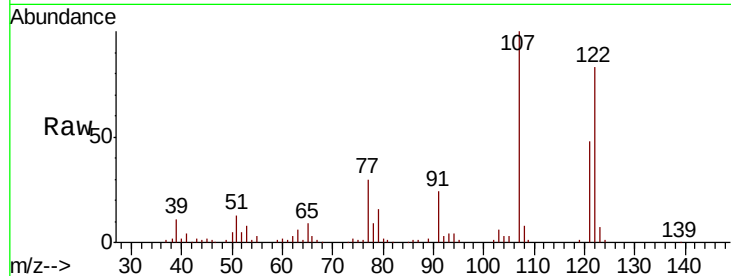
#27
2,4-Dimethylphenol
Concen: 56.206 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	88.8	133.2
121	57.9	43.1	64.7

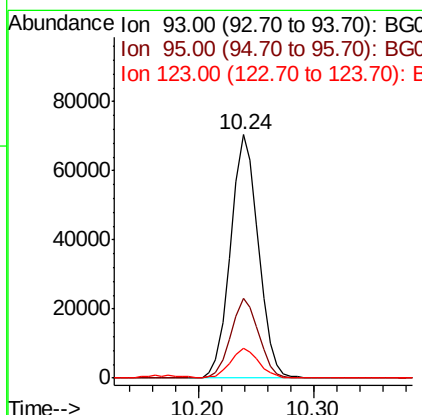
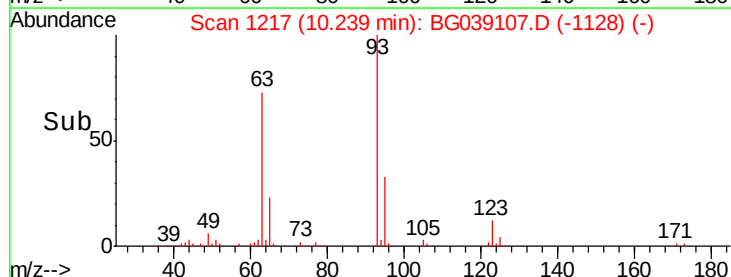
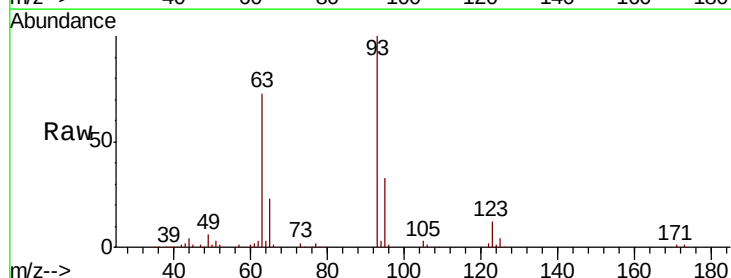
Manual Integrations
APPROVED

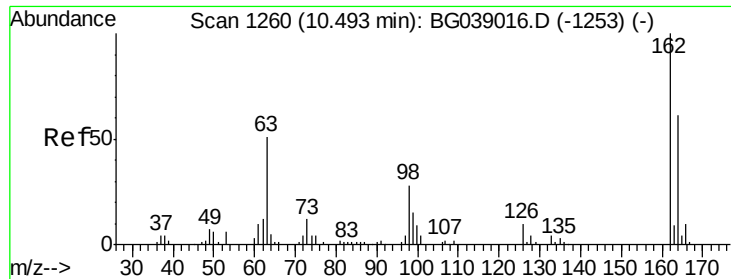
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.672 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	12.2	10.1	15.1





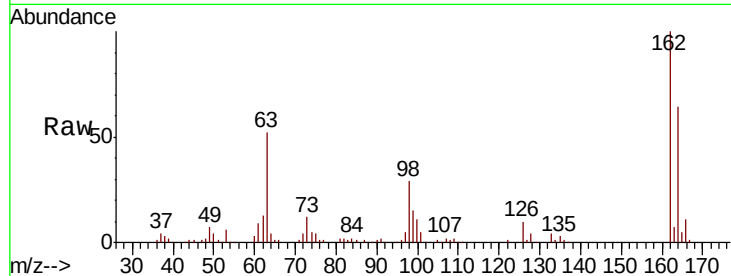
#29
2,4-Dichlorophenol
Concen: 53.762 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	41.3	81.3
98	28.9	8.3	48.3

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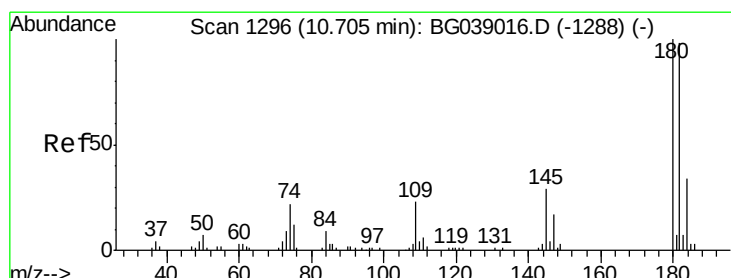
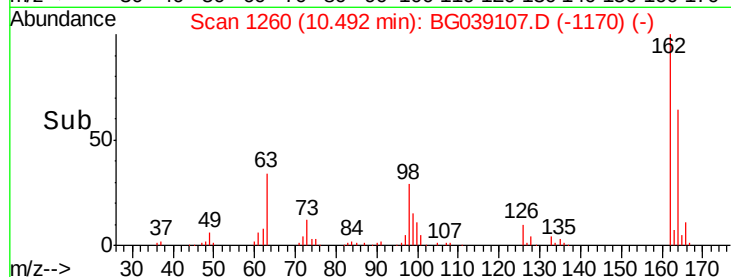
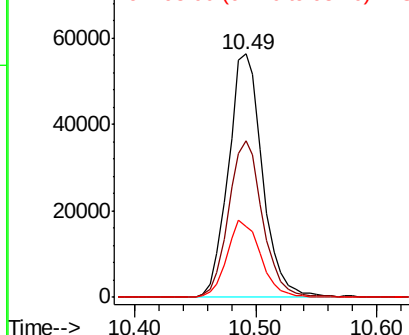


Abundance

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): B



#30
1,2,4-Trichlorobenzene
Concen: 41.481 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

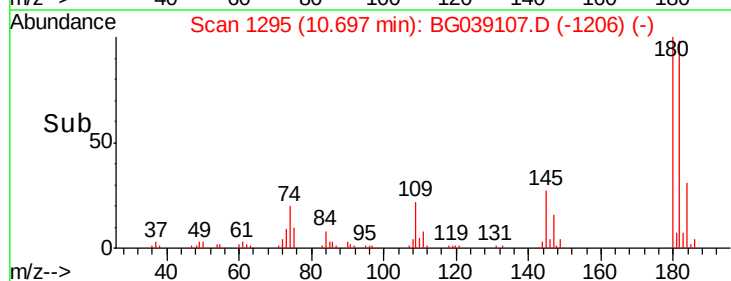
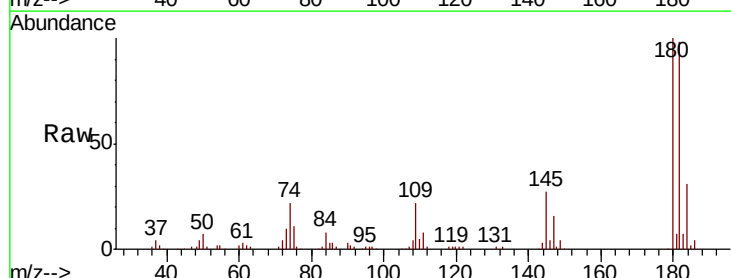
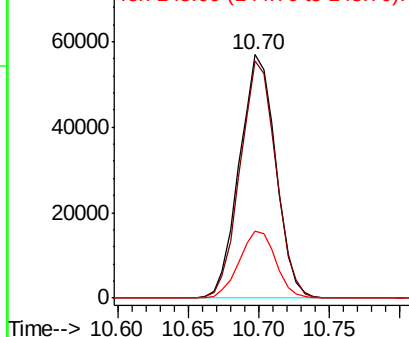
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
145	27.3	23.1	34.7

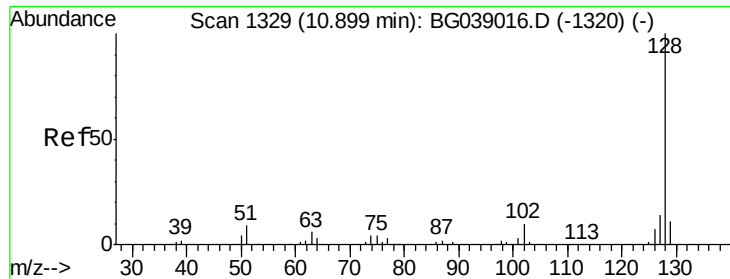
Abundance

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





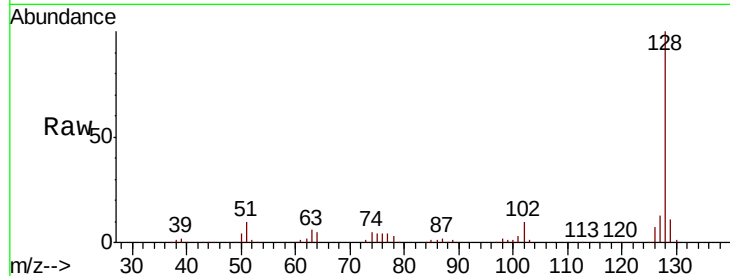
#31
Naphthalene
Concen: 46.609 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	275707		
129	10.9		9.1	13.7
127	12.8		11.2	16.8

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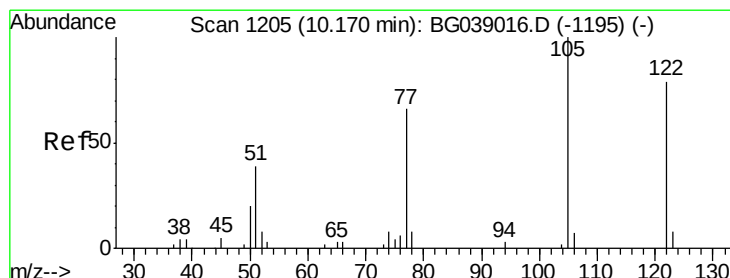
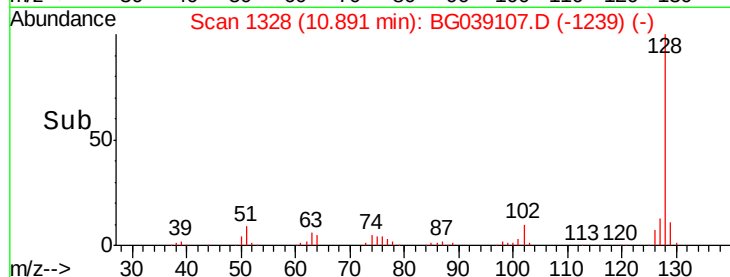
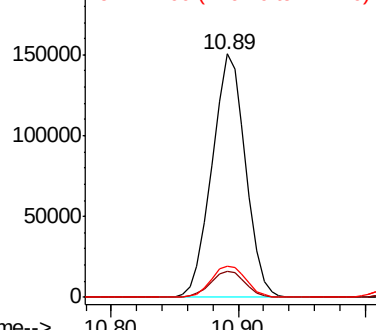


Abundance

Ion 128.00 (127.70 to 128.70): E

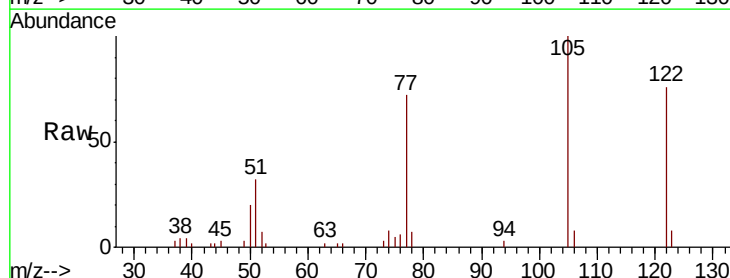
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.192 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	31414		
105	131.9		106.4	146.4
77	94.5		63.6	103.6

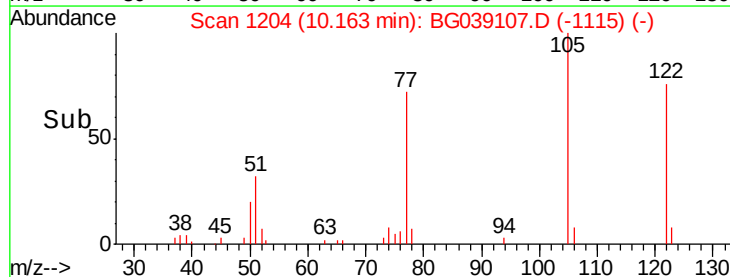
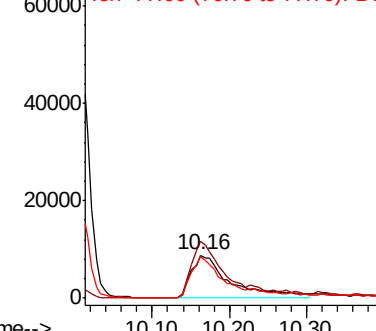


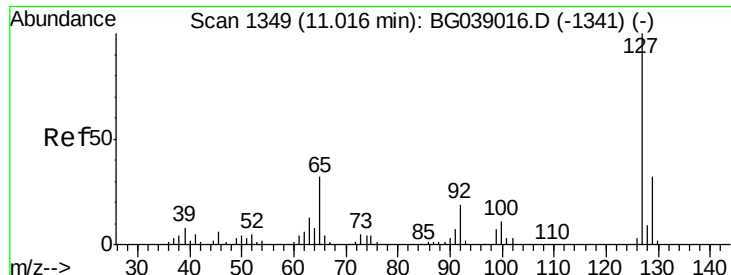
Abundance

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): BGO





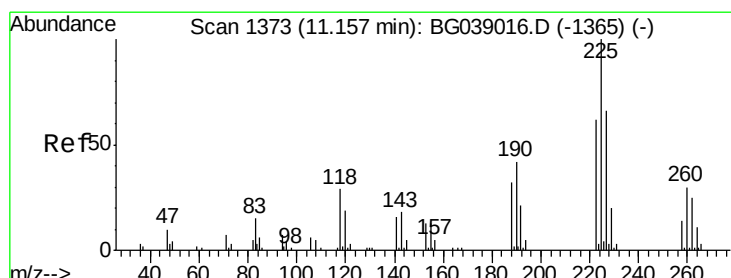
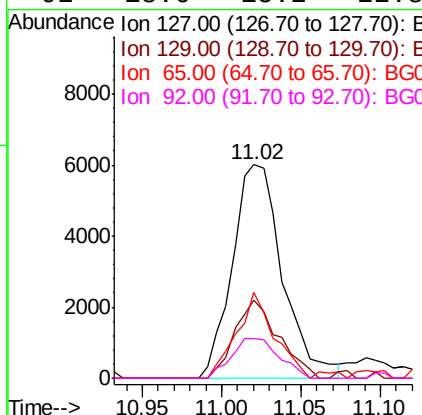
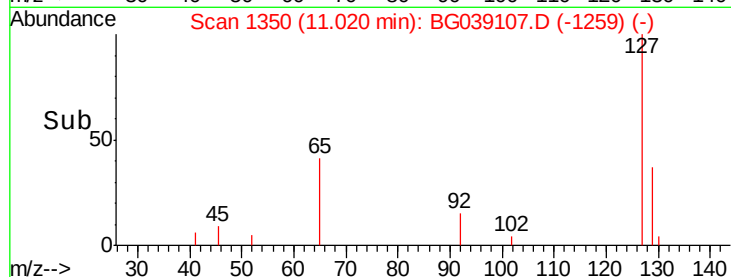
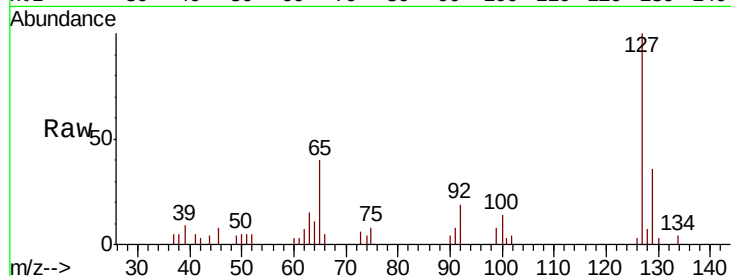
#33
4-Chloroaniline
Concen: 4.997 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.5	25.4	38.0
65	40.0	25.4	38.0
92	18.6	15.2	22.8

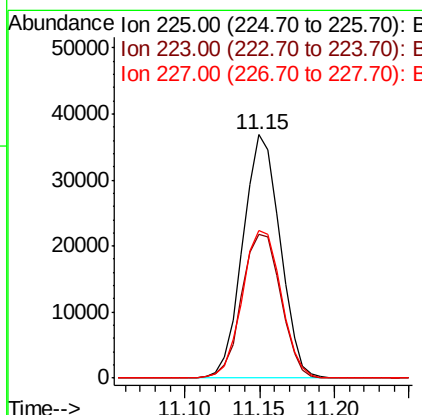
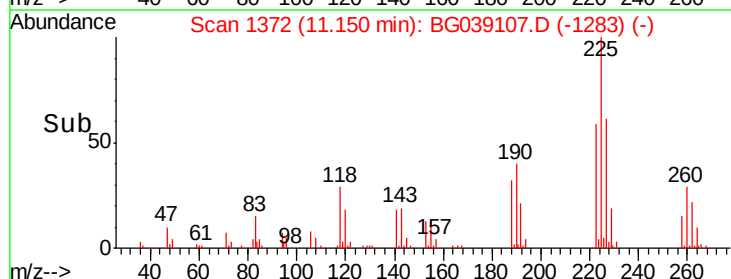
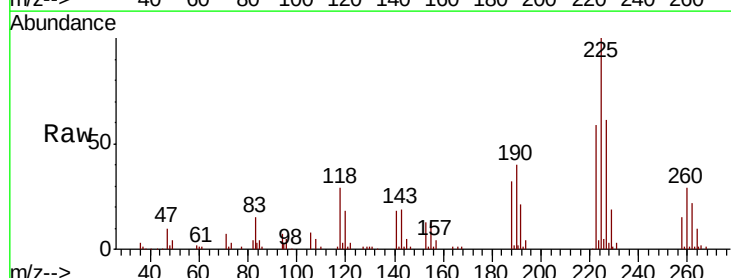
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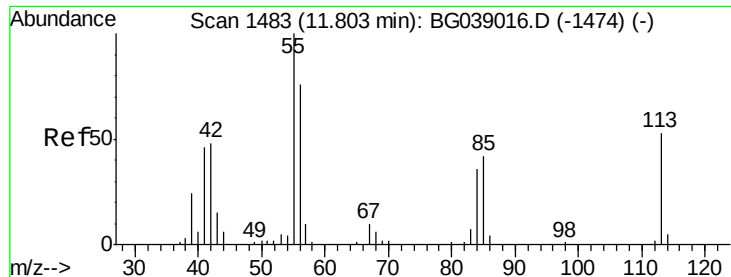
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#34
Hexachlorobutadiene
Concen: 37.322 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.1	50.2	75.4
227	57.7	53.2	79.8





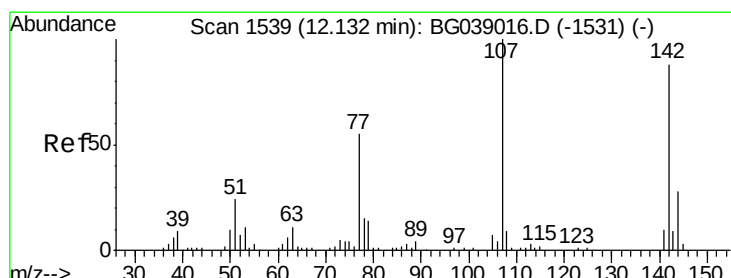
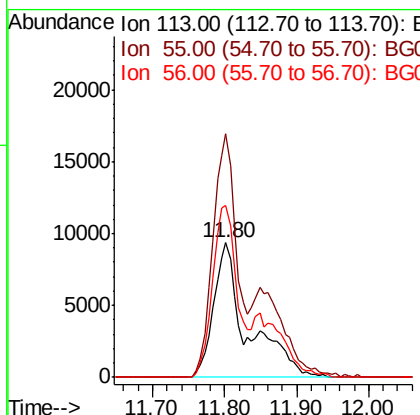
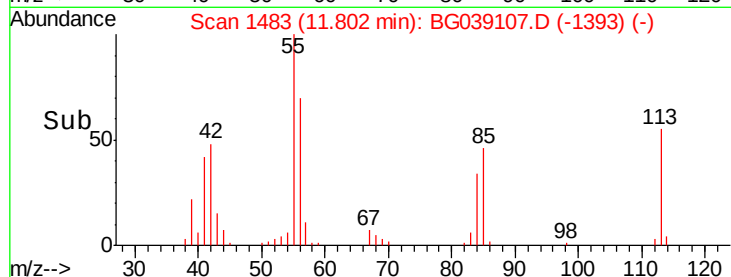
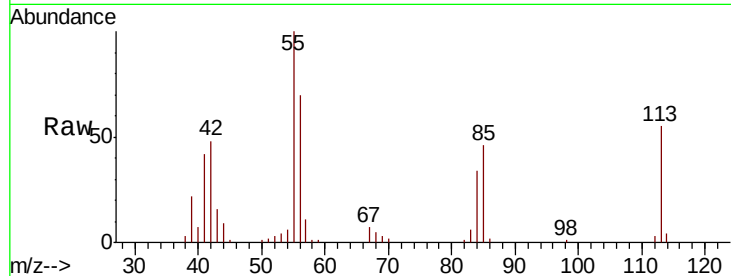
#35
Caprolactam
Concen: 36.337 ng/ml
RT: 11.80 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.3	168.6	208.6
56	127.8	123.2	163.2

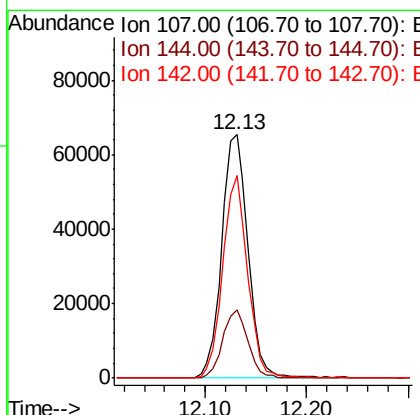
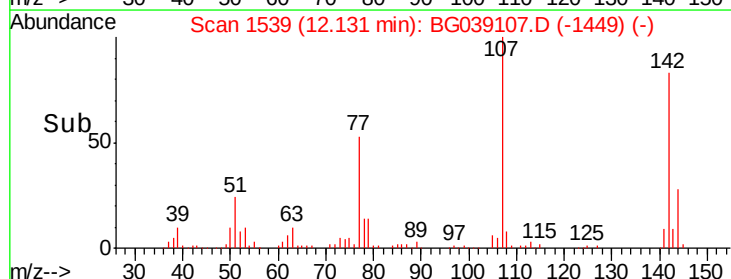
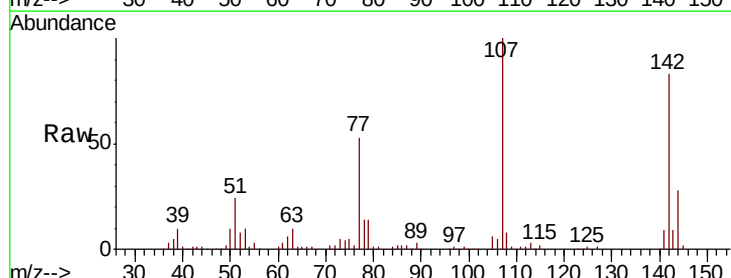
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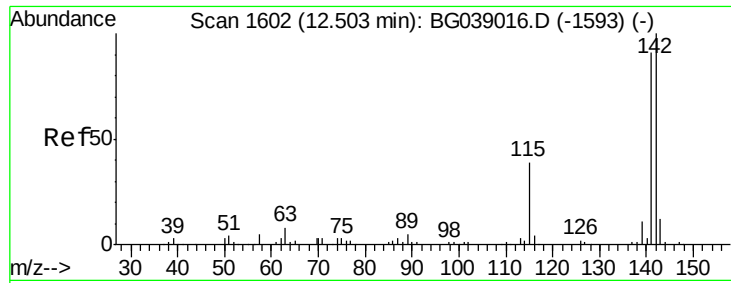
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 53.419 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.6	34.0
142	83.2	70.2	105.4





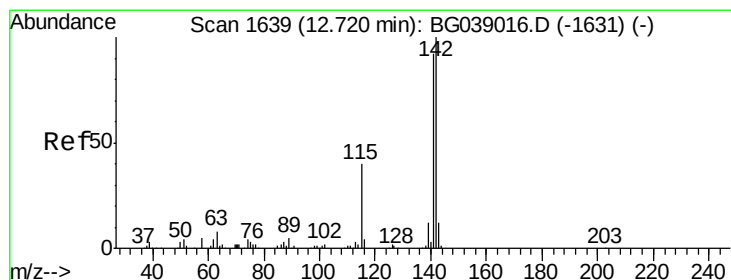
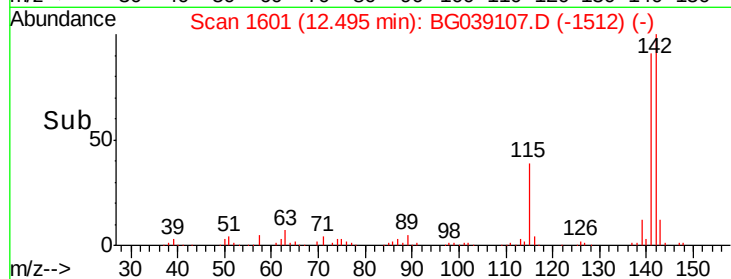
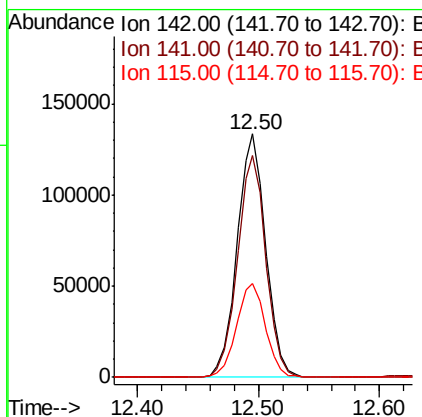
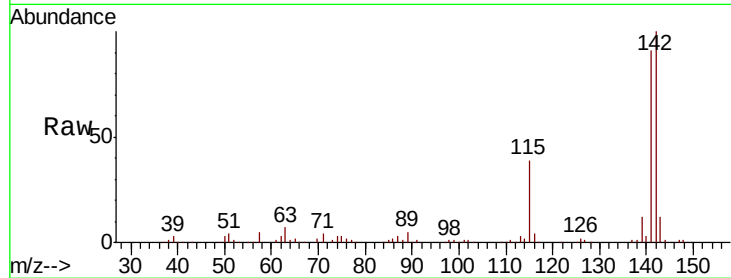
#37
2-Methylnaphthalene
Concen: 49.400 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	109.0
115	38.5	31.1	46.7

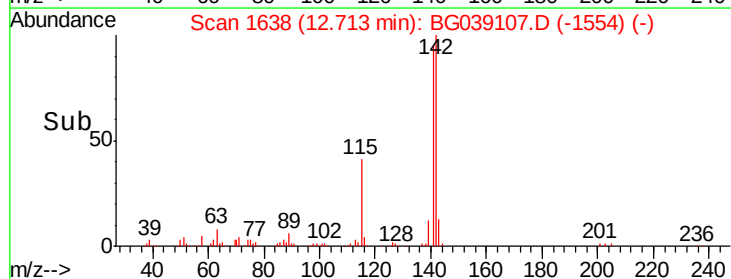
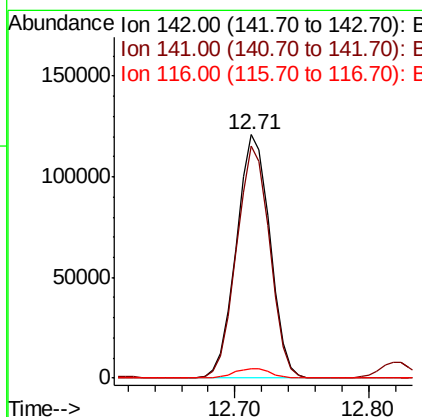
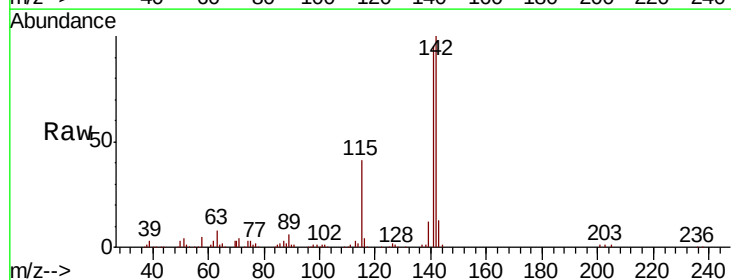
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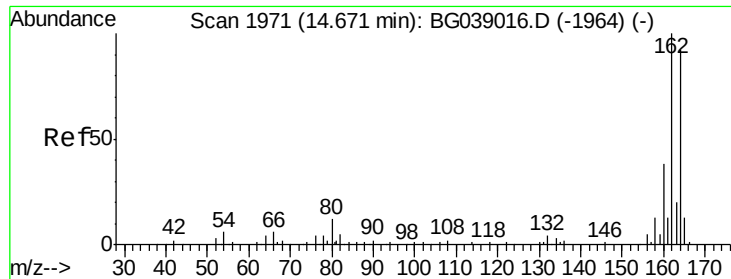
Sohil
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#38
1-Methylnaphthalene
Concen: 49.489 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.3	109.9
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-AMS

Tot Ion:164 Resp: 98178

Ion Ratio Lower Upper

164 100

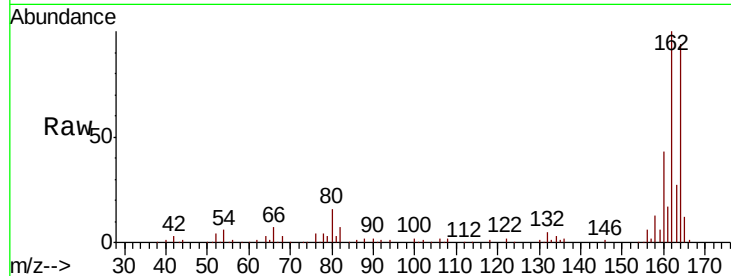
162 105.9 87.2 130.8

160 46.0 33.3 49.9

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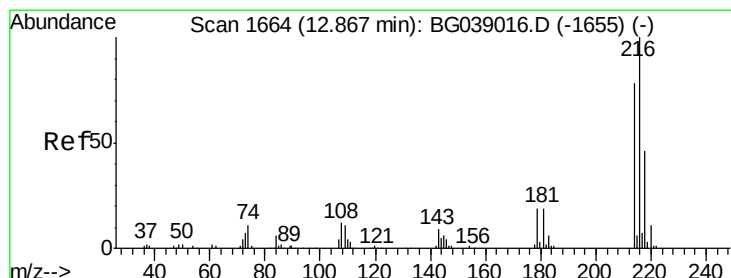
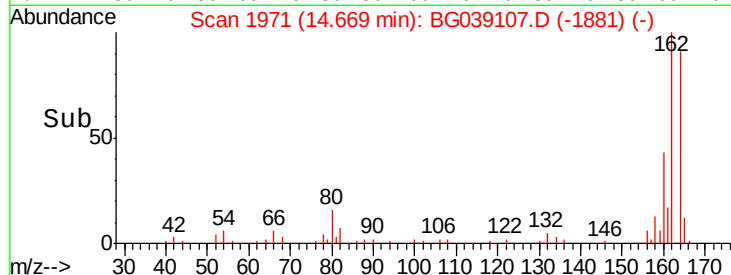
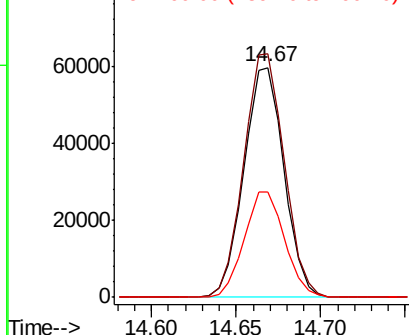


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.113 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:216 Resp: 136842

Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 20.5 15.5 23.3

108 15.4 11.4 17.2

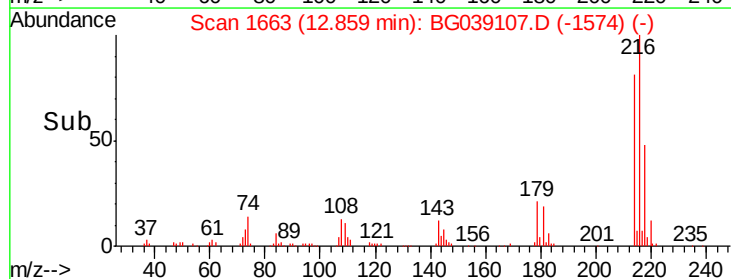
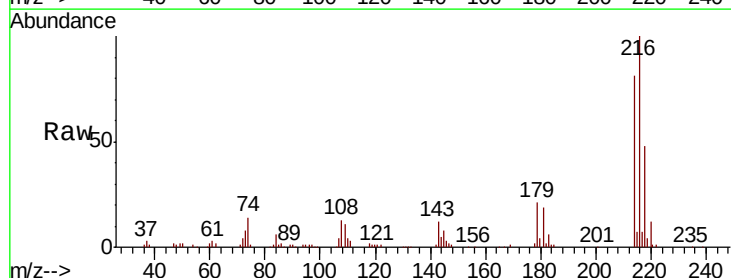
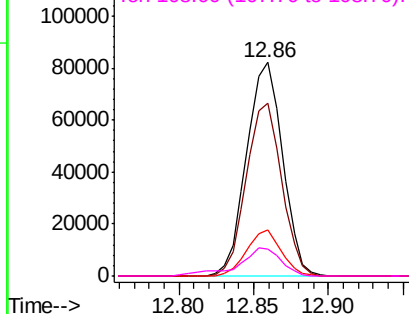
Abundance

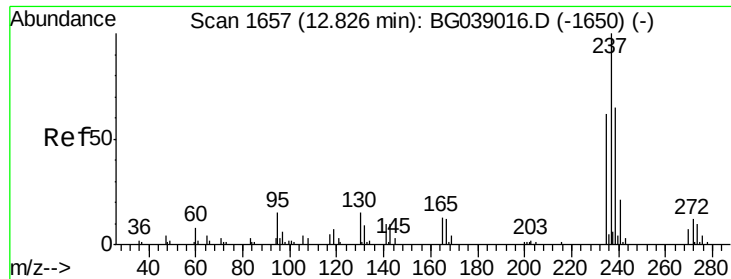
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.607 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

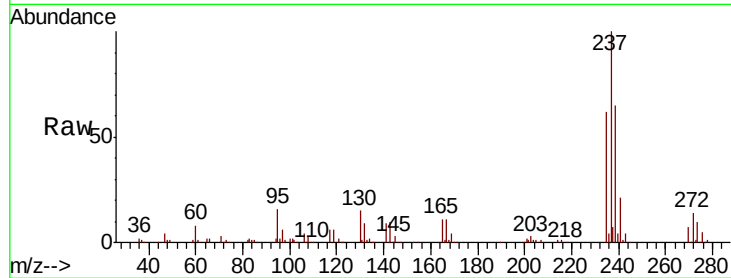
ClientSampleId :

OR-02-011019-AMS

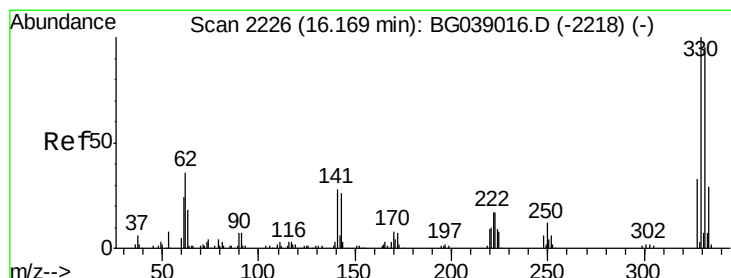
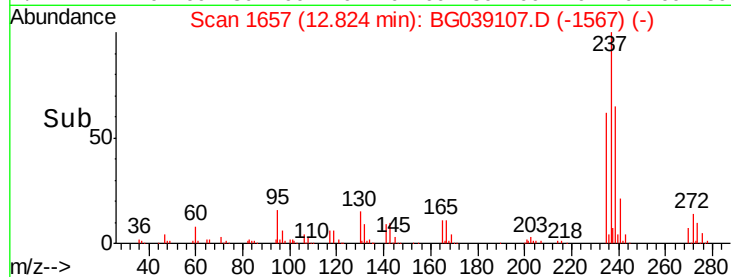
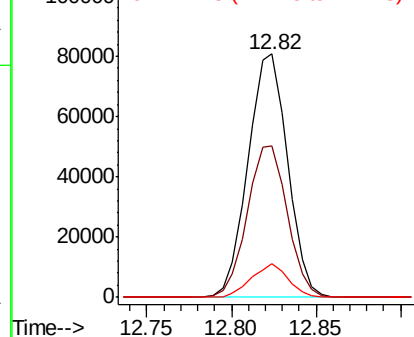
Tot Ion:	237	Resp:	131697
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.7	81.7
272	13.9	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 121.808 ng

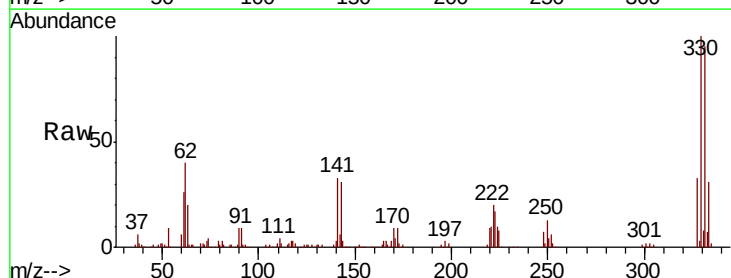
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

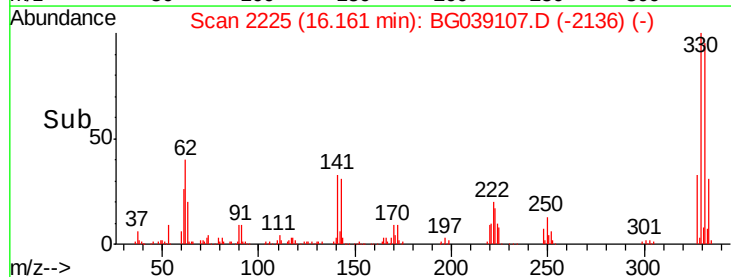
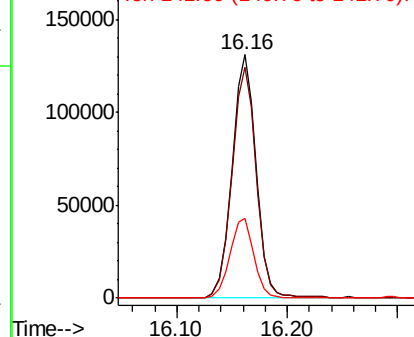
Lab File: BG039107.D

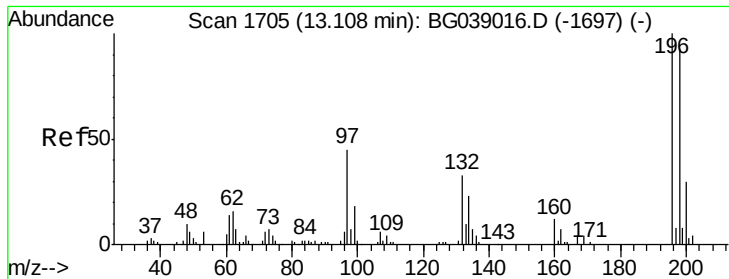
Acq: 12 Jan 2019 7:12

Tgt Ion:	330	Resp:	200463
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.7	113.5
141	32.7	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





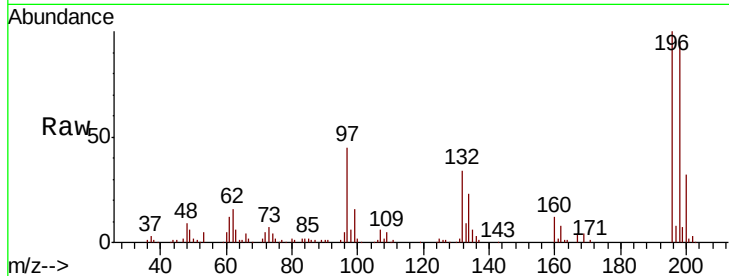
#43
 2,4,6-Trichlorophenol
 Concen: 42.408 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98413		
198	95.0	74.5	111.7	
200	32.2	23.8	35.6	

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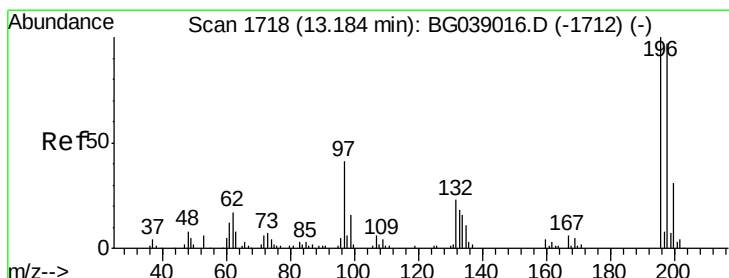
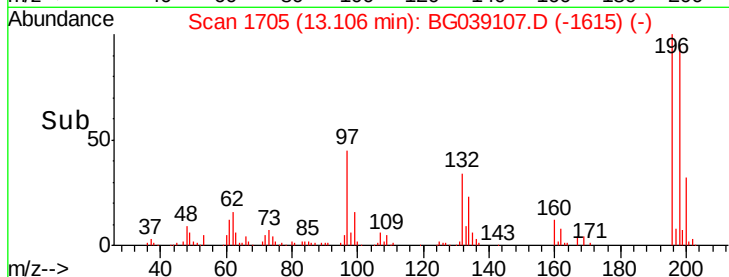
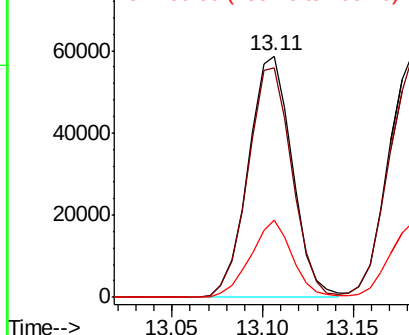


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.836 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107515		
198	98.8	78.1	117.1	
97	40.7	33.2	49.8	
132	22.3	18.2	27.4	

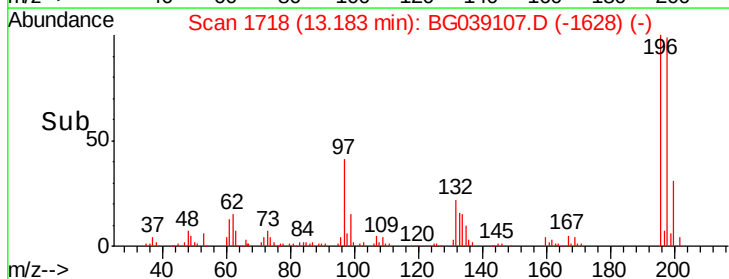
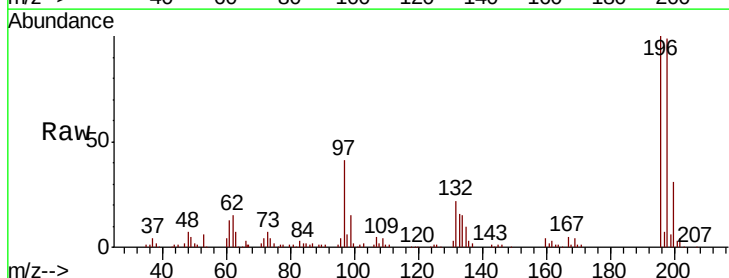
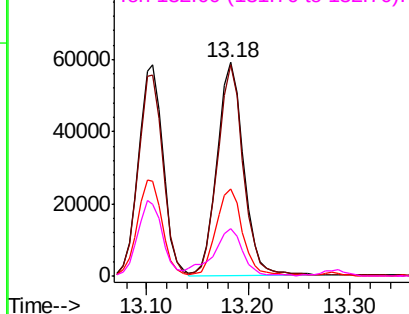
Abundance

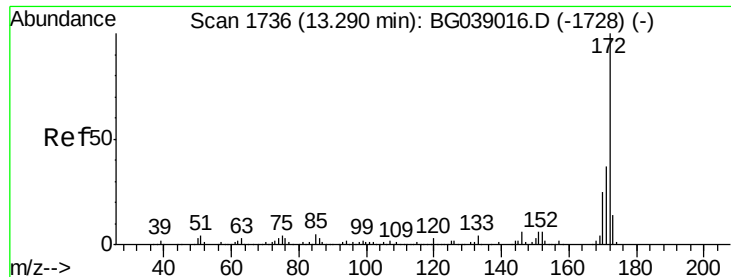
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





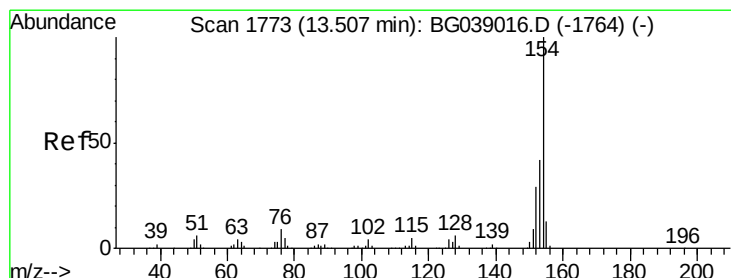
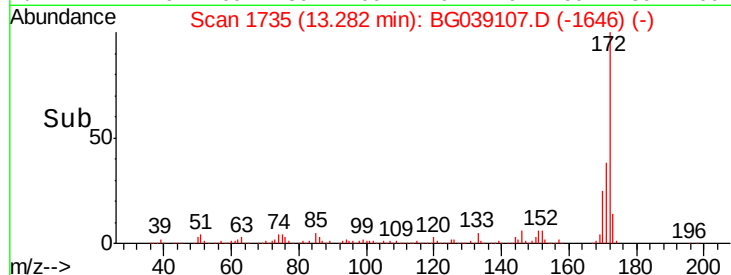
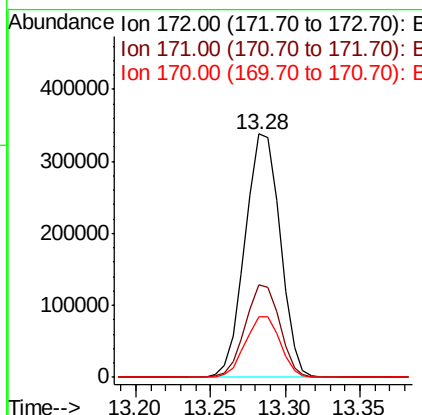
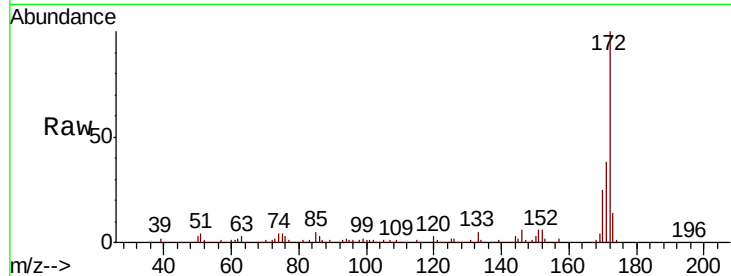
#45
2-Fluorobiphenyl
Concen: 76.976 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.0
170	25.1	20.1	30.1

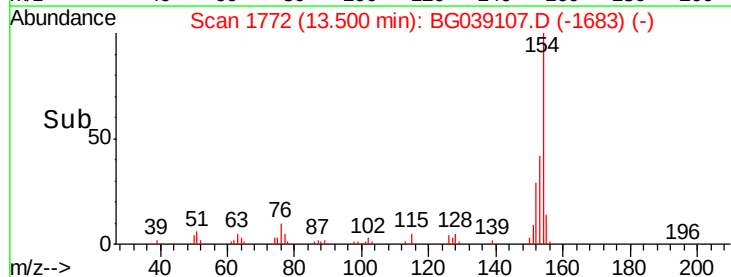
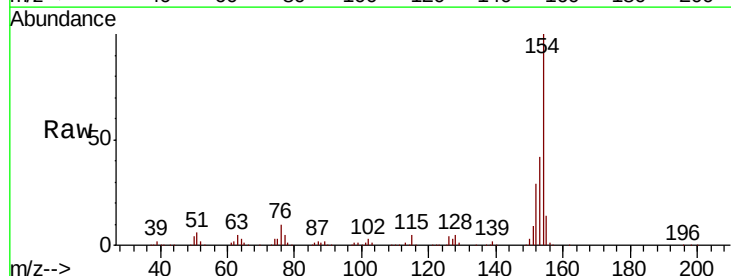
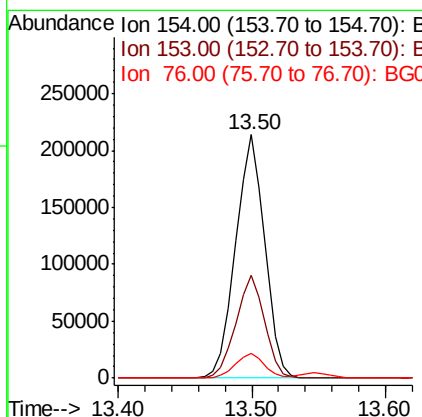
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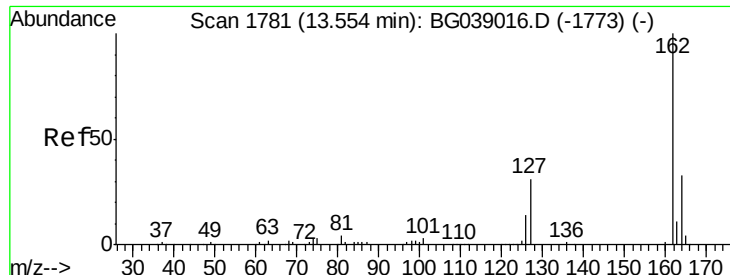
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#46
1,1'-Biphenyl
Concen: 41.362 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.4	62.4
76	10.0	0.0	29.4





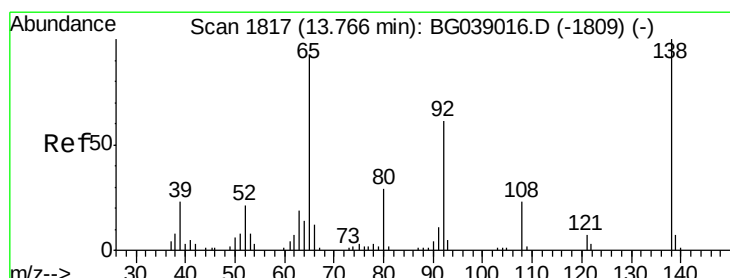
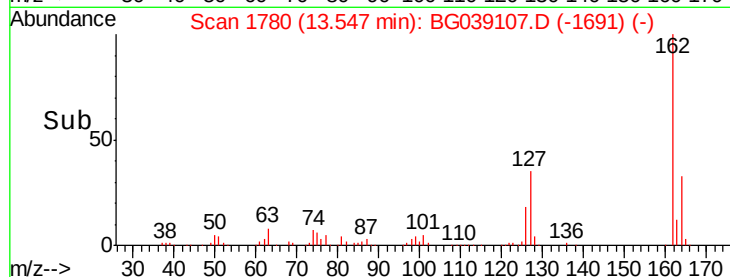
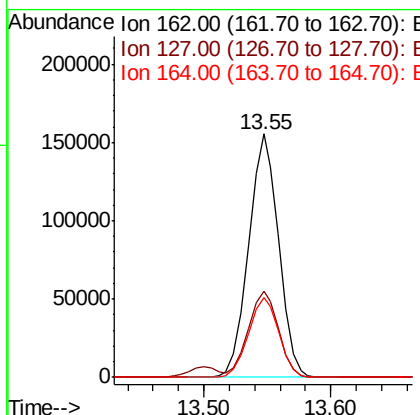
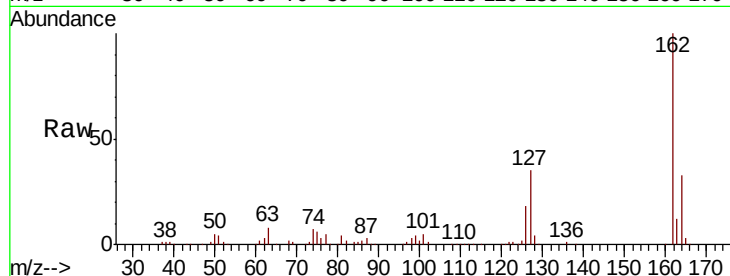
#47
2-Chloronaphthalene
Concen: 40.410 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	28.4	42.6
164	32.7	26.3	39.5

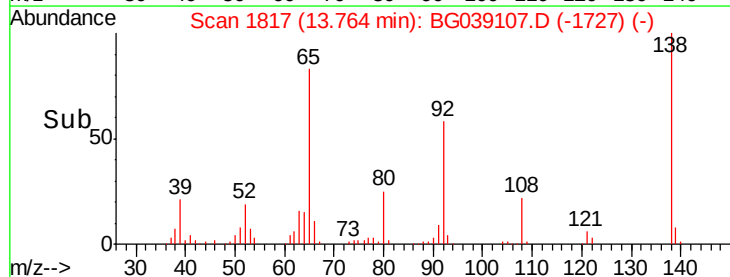
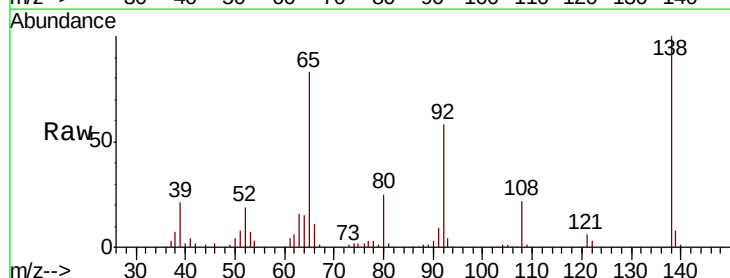
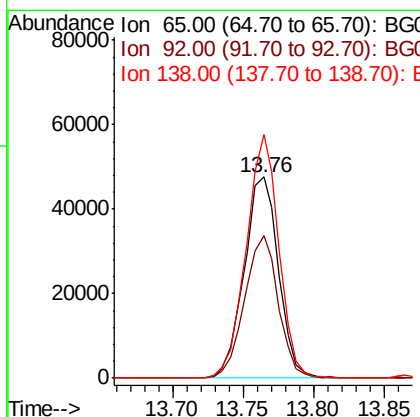
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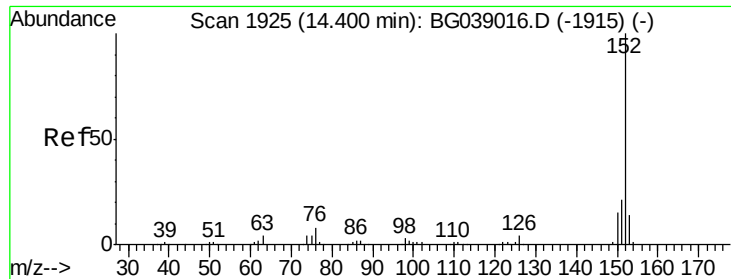
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#48
2-Nitroaniline
Concen: 45.994 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	52.2	78.4
138	121.0	86.0	129.0





#49

Acenaphthylene

Concen: 43.892 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

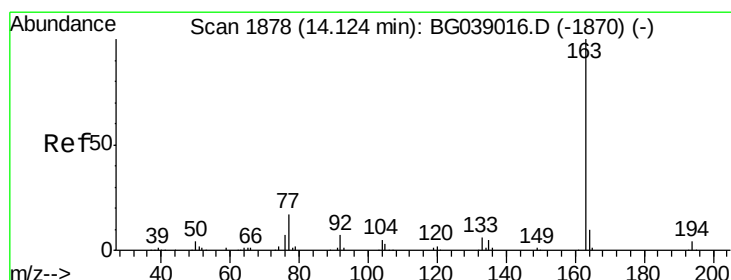
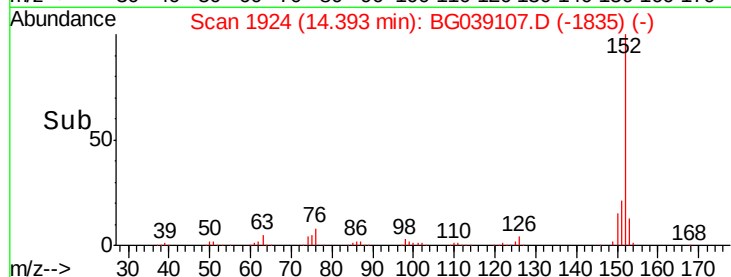
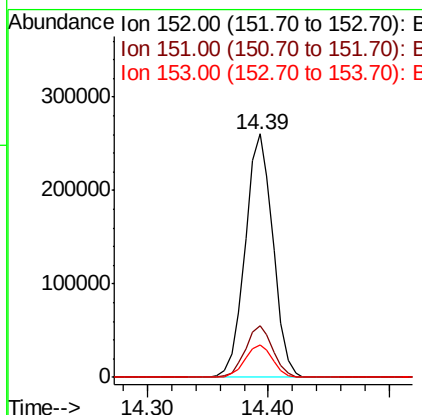
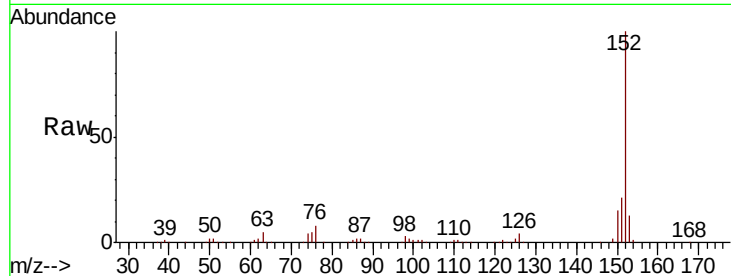
ClientSampleId :

OR-02-011019-AMS

Tot Ion:	152	Resp:	415314
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.4
153	13.5	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.748 ng

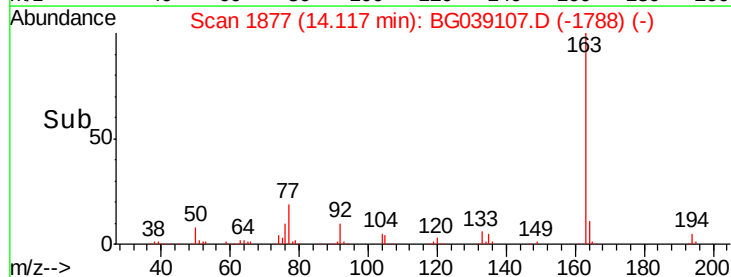
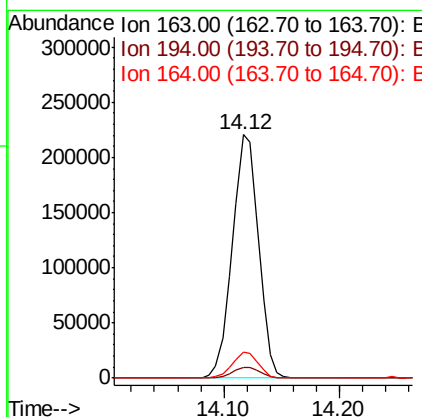
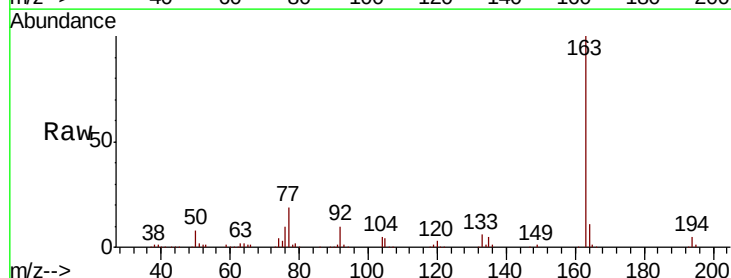
RT: 14.12 min Scan# 1877

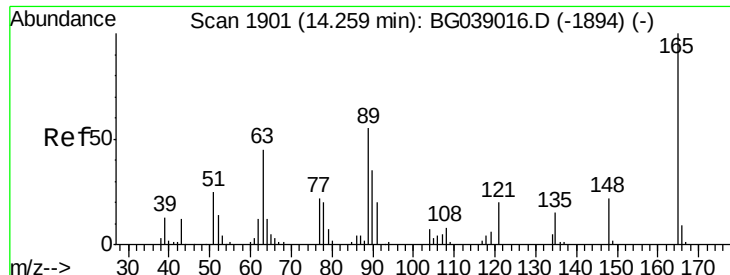
Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	163	Resp:	346363
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.5	8.2	12.2





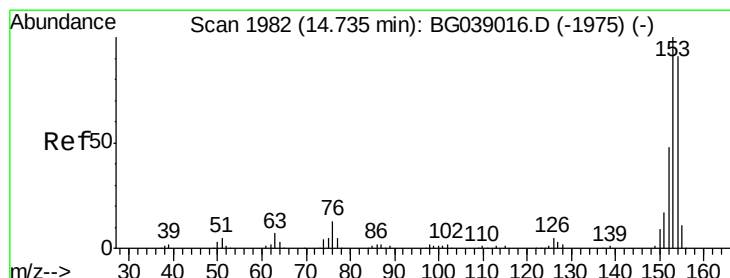
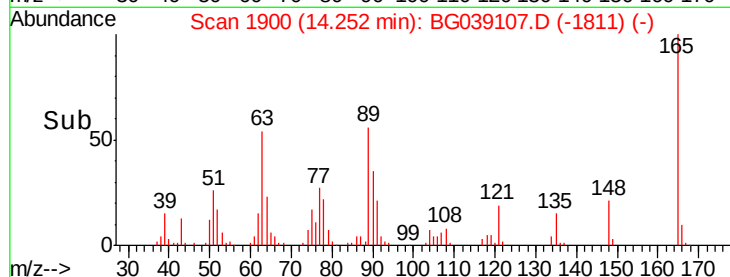
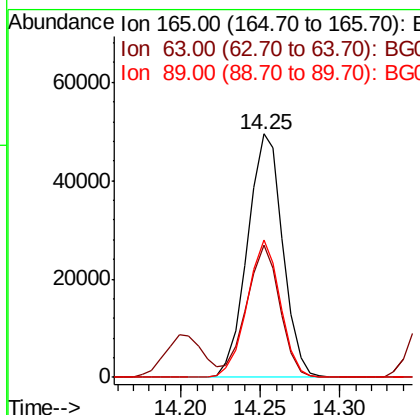
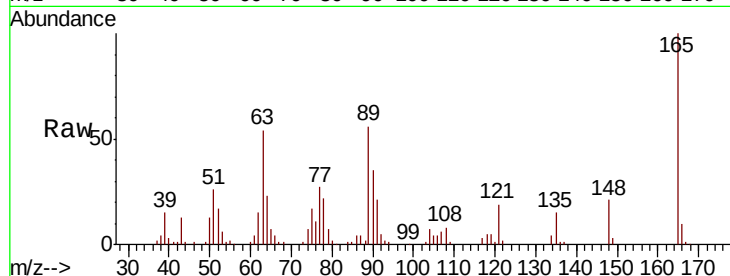
#51
 2,6-Dinitrotoluene
 Concen: 41.182 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	43.6	65.4
89	56.3	43.7	65.5

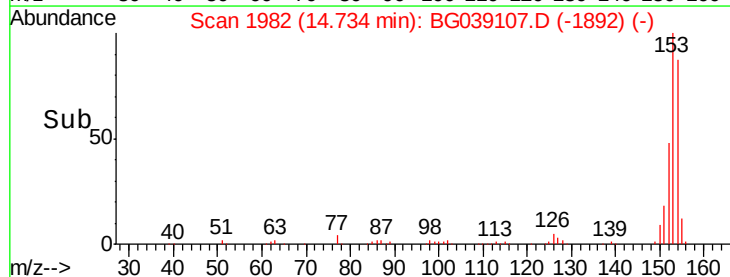
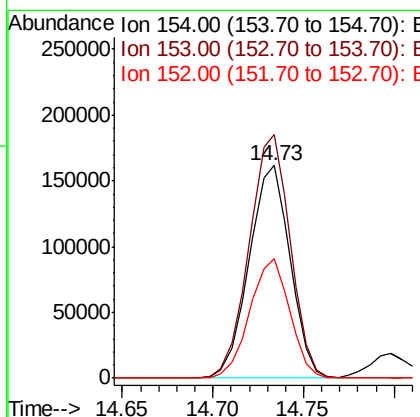
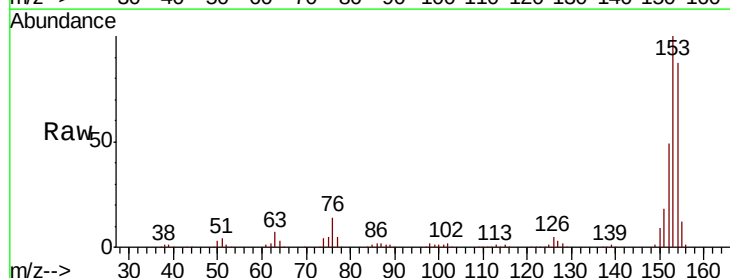
Manual Integrations
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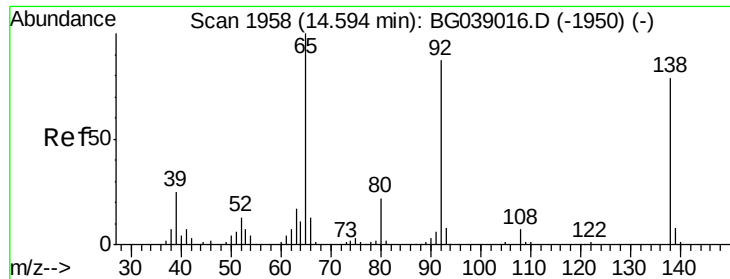
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#52
 Acenaphthene
 Concen: 44.638 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.9	131.9
152	56.0	42.2	63.2





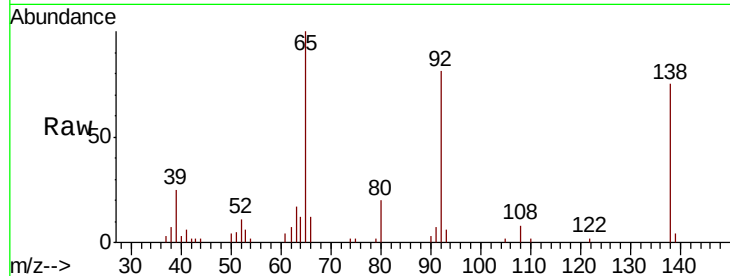
#53
3-Nitroaniline
Concen: 6.970 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.0
92	107.6	88.2	132.4

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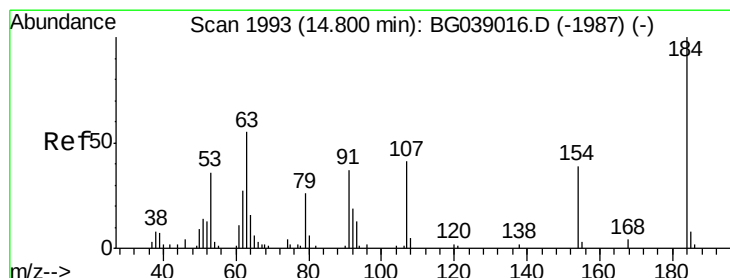
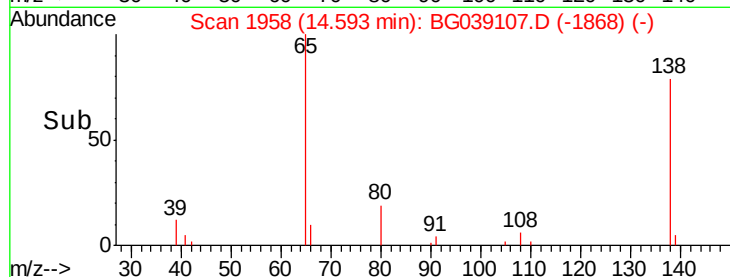
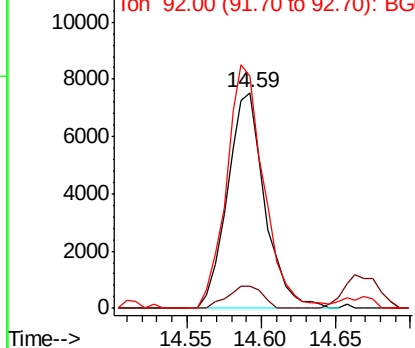


Abundance

Ion 138.00 (137.70 to 138.70): E

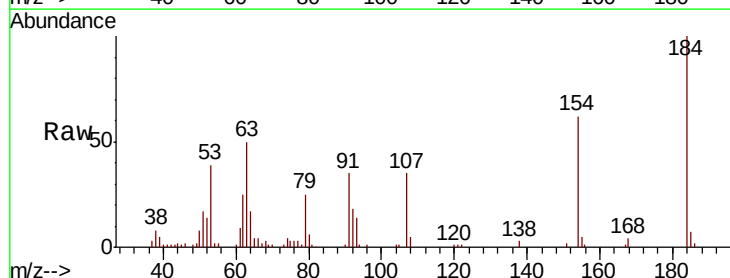
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 50.685 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	44.0	66.0
154	61.7	46.1	69.1

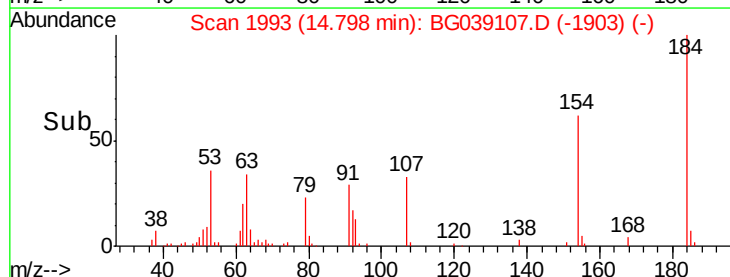
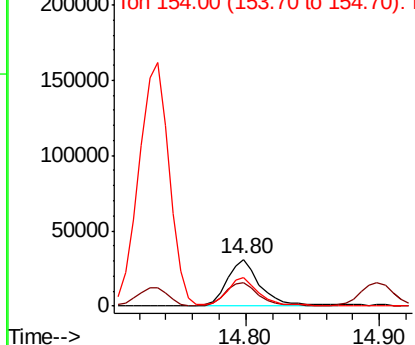


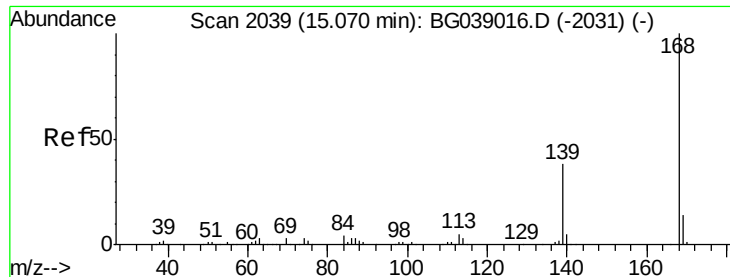
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





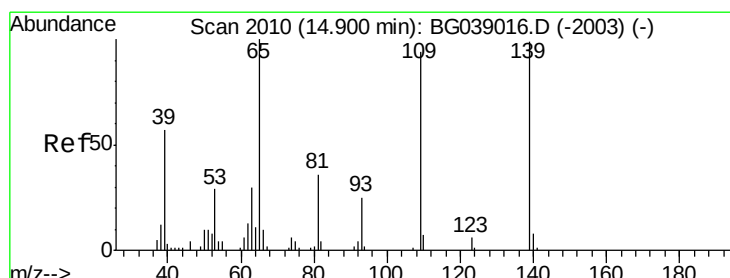
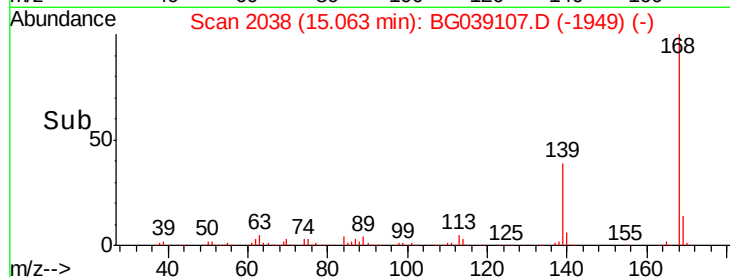
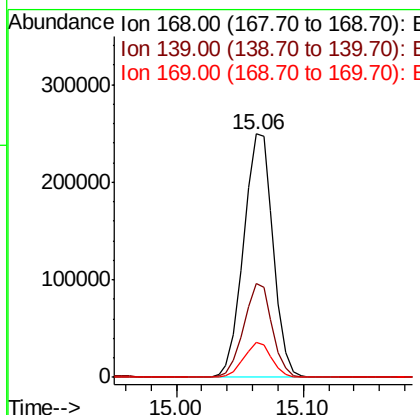
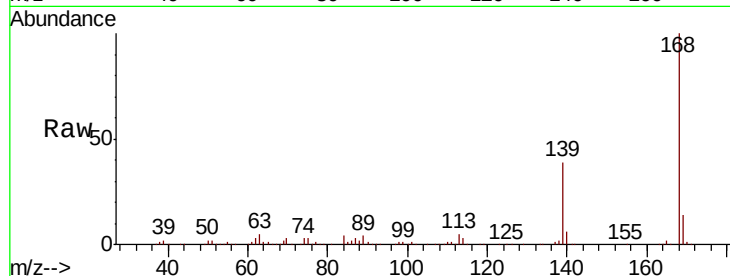
#55
Dibenzofuran
Concen: 40.108 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.1	10.9	16.3

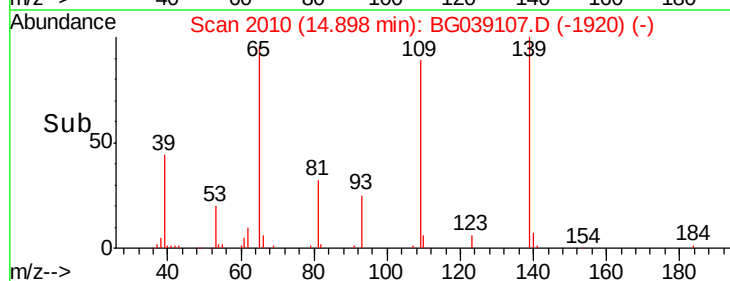
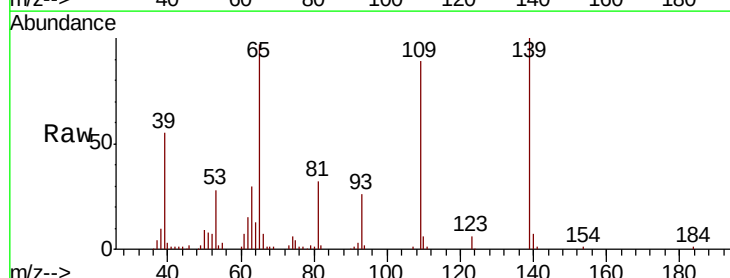
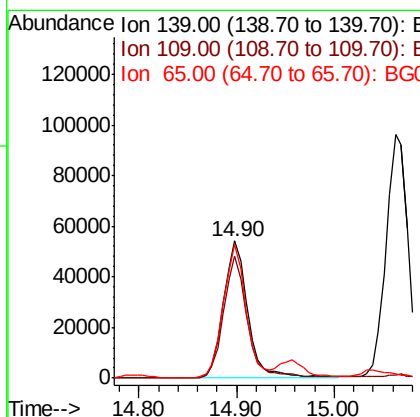
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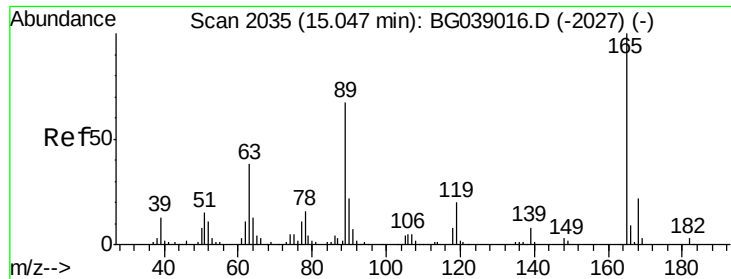
Sohil
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#56
4-Nitrophenol
Concen: 69.823 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.8	75.6	115.6
65	97.2	81.2	121.2





#57

2,4-Dinitrotoluene

Concen: 40.587 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

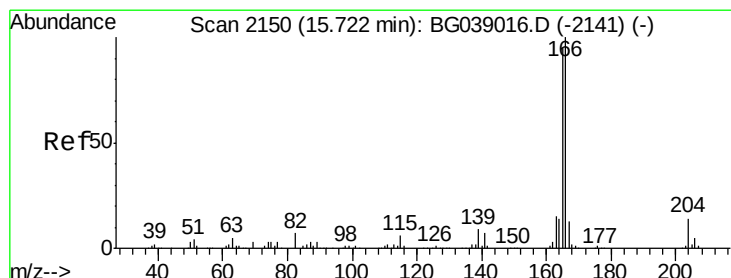
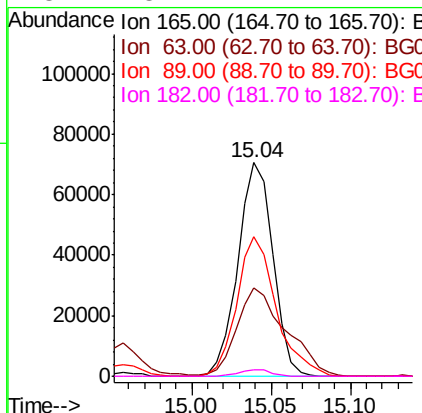
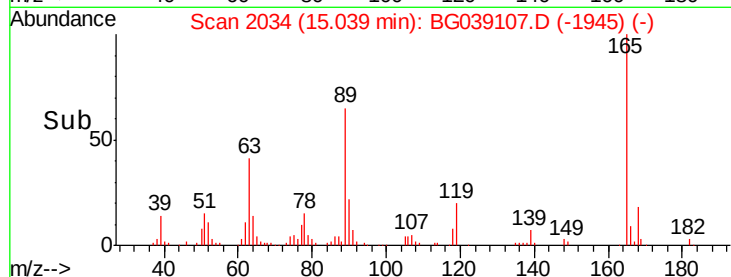
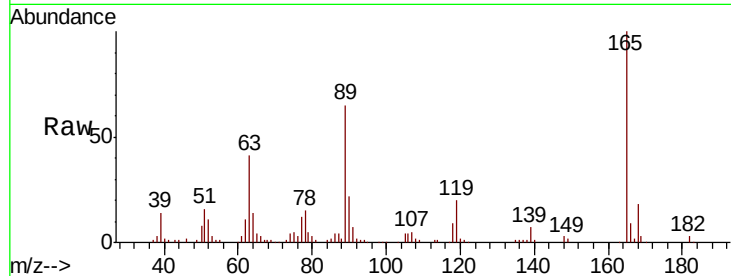
ClientSampleId :

OR-02-011019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	41.2	30.2	45.4		
89	65.2	53.2	79.8		
182	3.1	2.7	4.1		

Manual Integrations
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1/14/2019 4:31:24 PM



#58

Fluorene

Concen: 43.487 ng

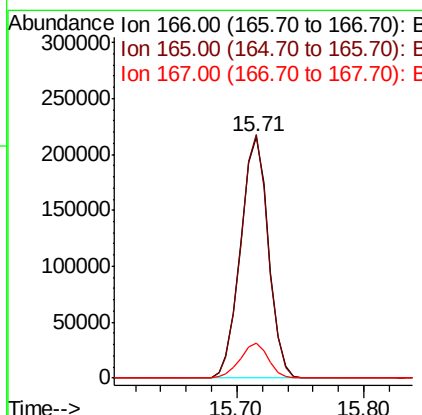
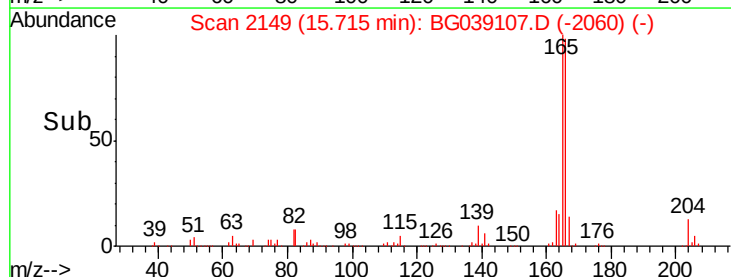
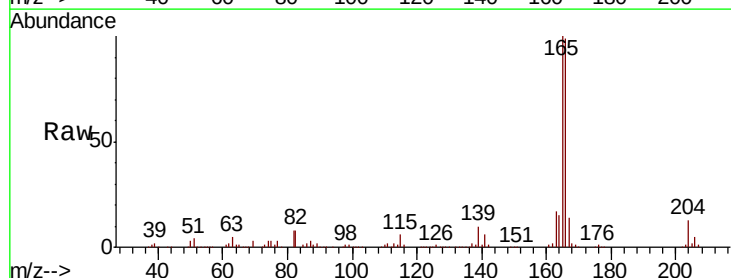
RT: 15.71 min Scan# 2149

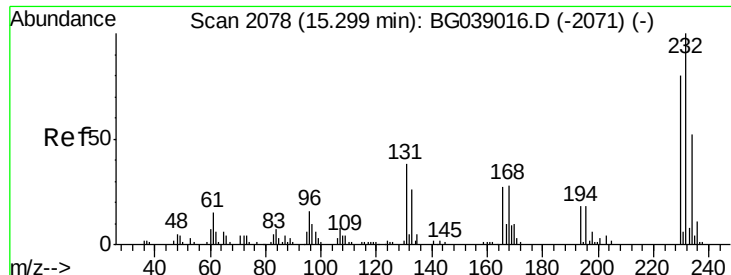
Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.9	76.2	114.2		
167	14.4	10.6	16.0		





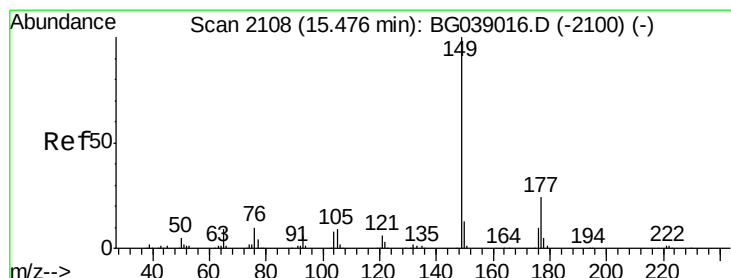
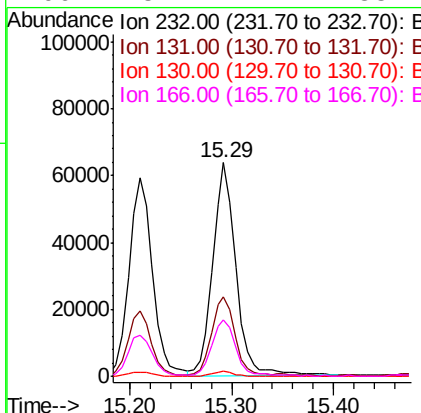
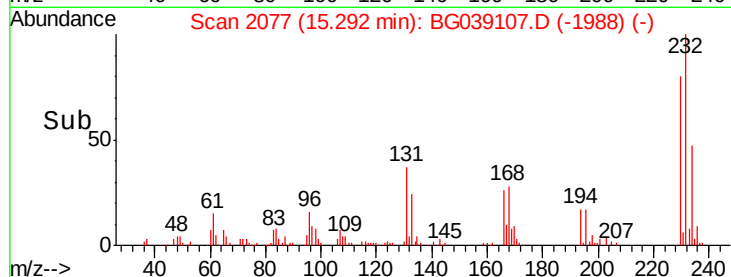
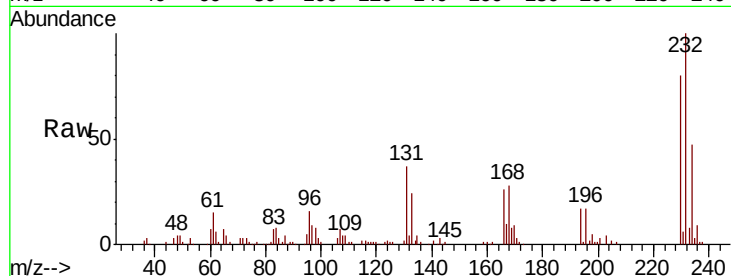
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.055 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	37.4	30.9	46.3		
130	2.2	1.9	2.9		
166	28.4	22.1	33.1		

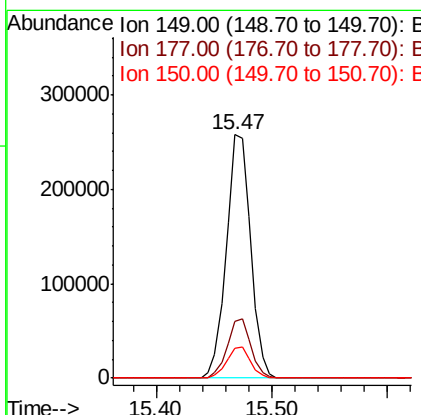
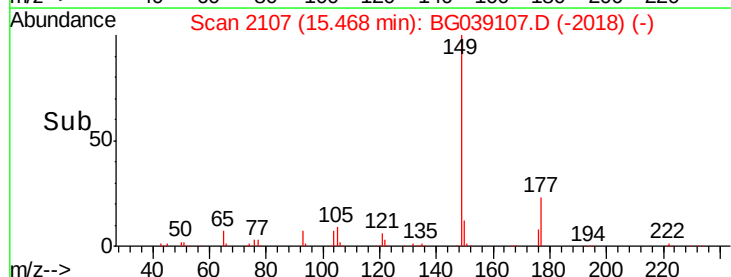
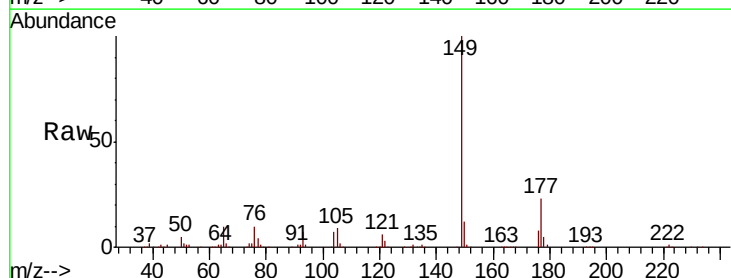
Manual Integrations
APPROVED

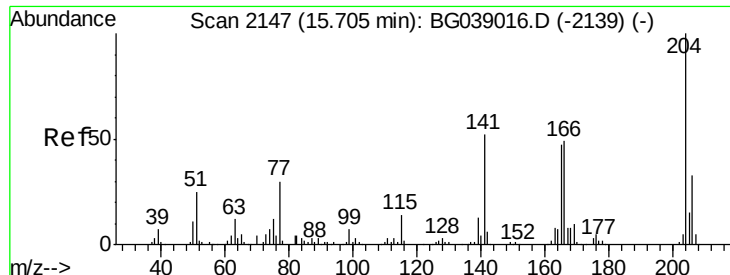
Sohil
1/14/2019 4:31:24 PM



#60
Diethylphthalate
Concen: 43.730 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.2	19.0	28.6		
150	12.5	10.2	15.4		





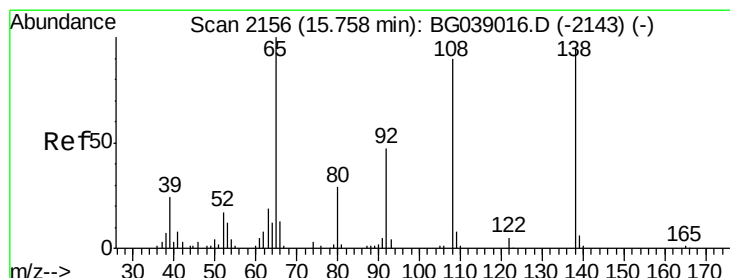
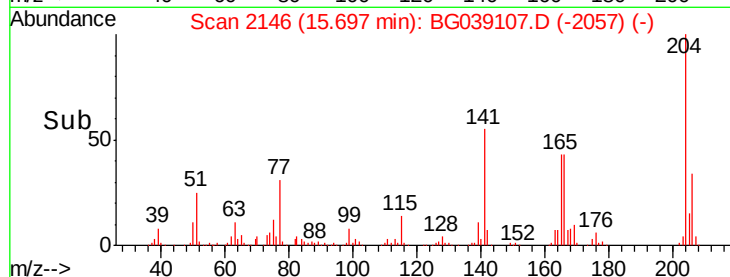
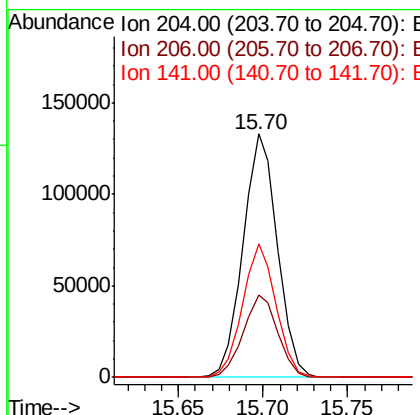
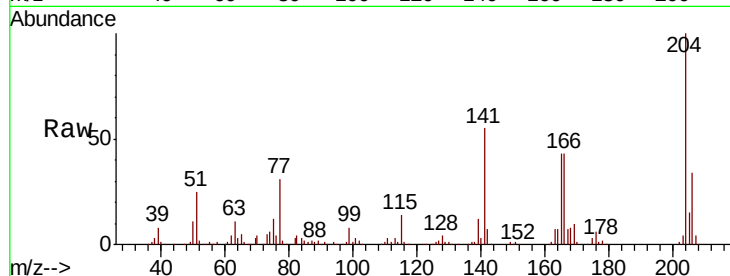
#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	39.8
141	54.9	41.4	62.0

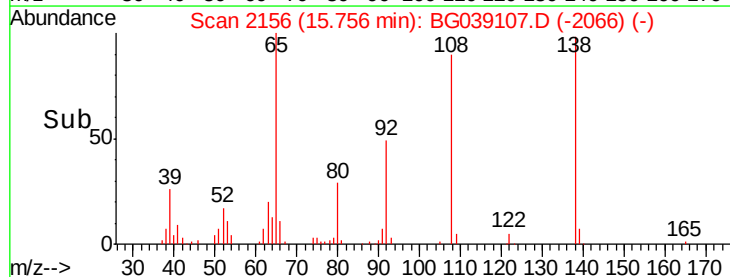
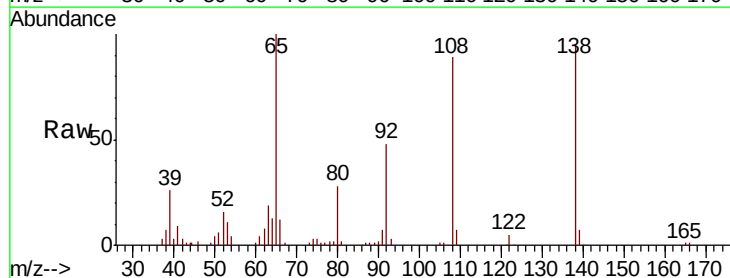
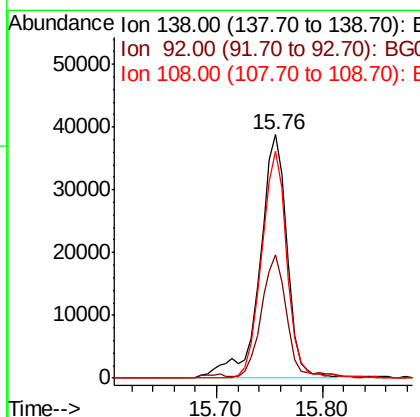
Manual Integrations
APPROVED

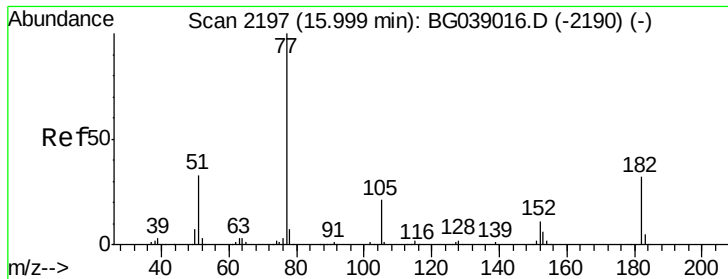
Sohil
1/14/2019 4:31:24 PM



#62
4-Nitroaniline
Concen: 35.518 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.7	69.7
108	93.3	75.7	115.7





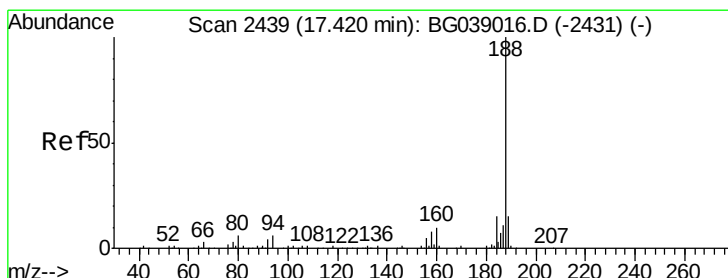
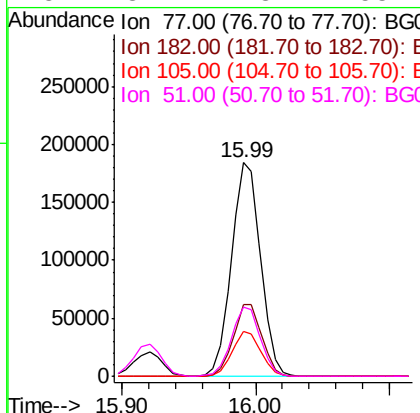
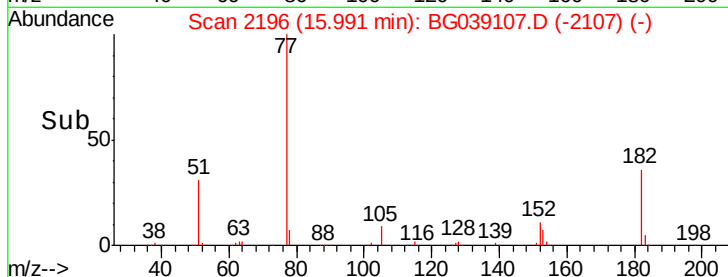
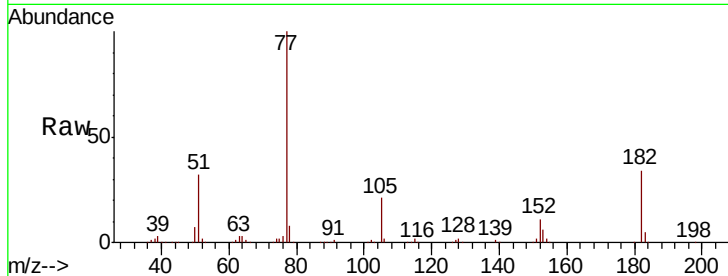
#63
Azobenzene
Concen: 41.715 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	33.8	12.2	52.2		
105	20.9	1.2	41.2		
51	32.1	13.4	53.4		

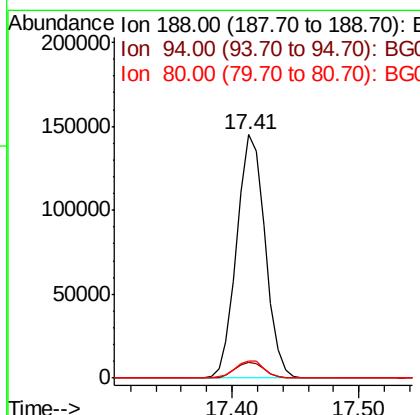
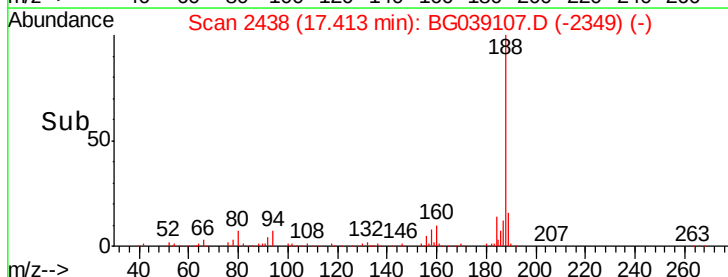
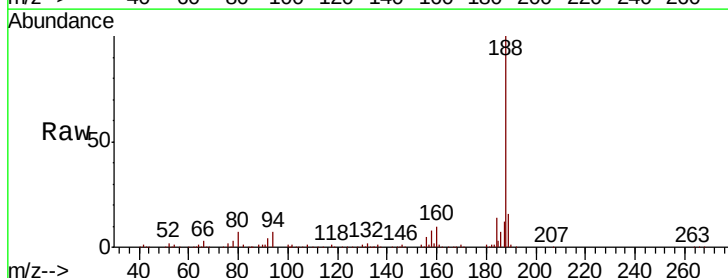
Manual Integrations
APPROVED

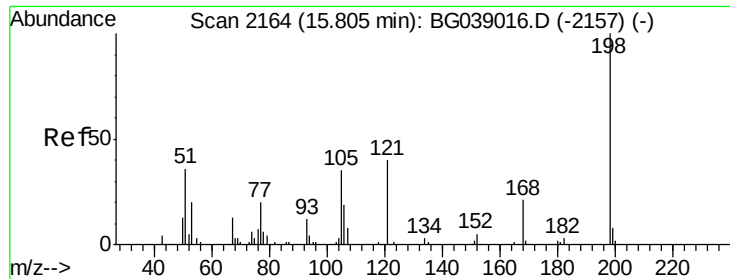
Sohil
1/14/2019 4:31:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

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





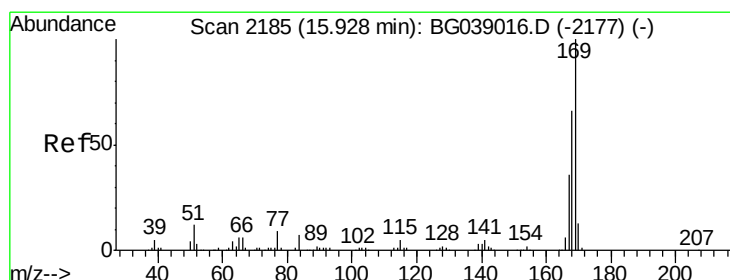
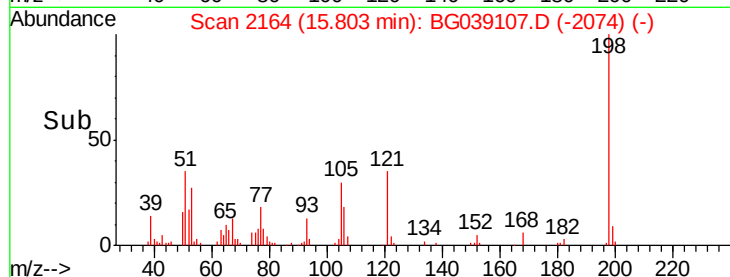
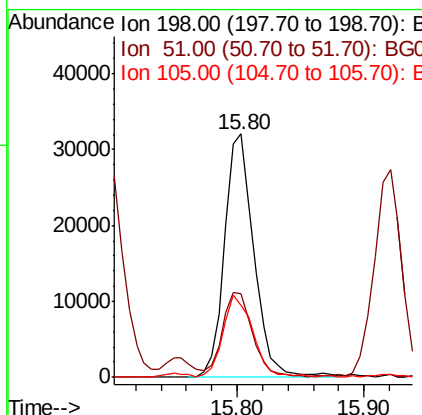
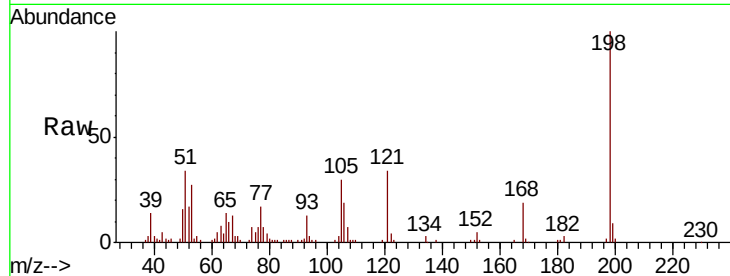
#65
4,6-Dinitro-2-methylphenol
Concen: 30.764 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	51297		
51	34.4	20.8	60.8	
105	29.6	16.1	56.1	

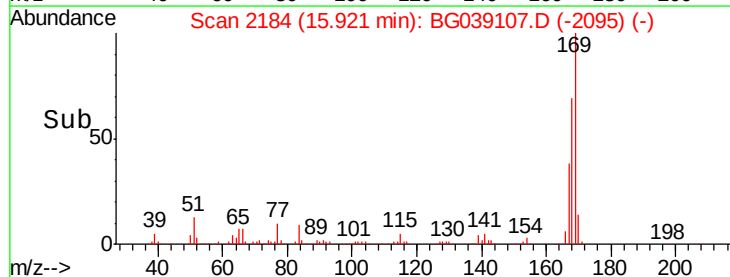
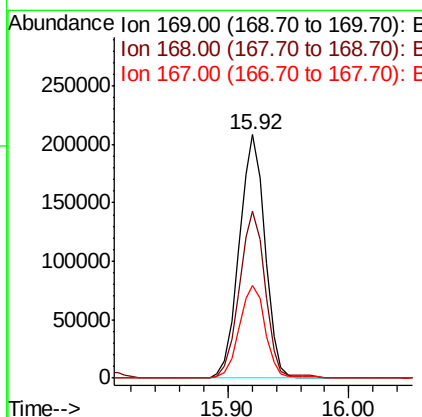
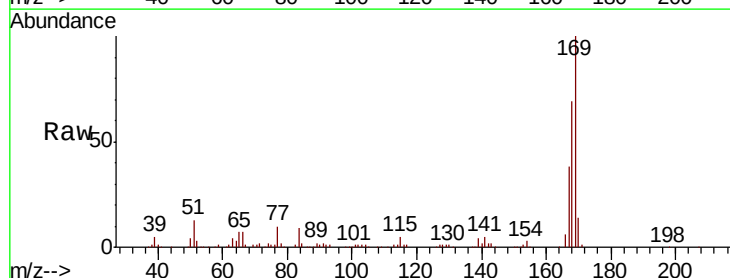
Manual Integrations
APPROVED

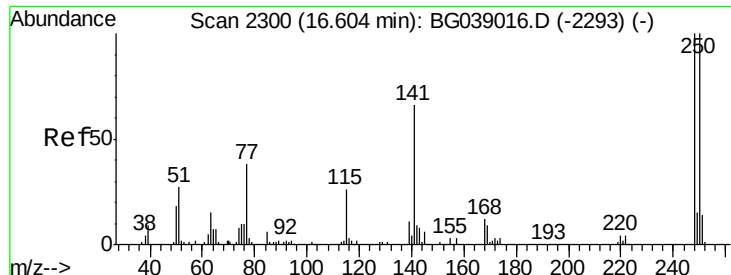
Sohil
1/14/2019 4:31:24 PM



#66
n-Nitrosodiphenylamine
Concen: 46.386 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	309498		
168	68.7	53.2	79.8	
167	38.1	29.1	43.7	





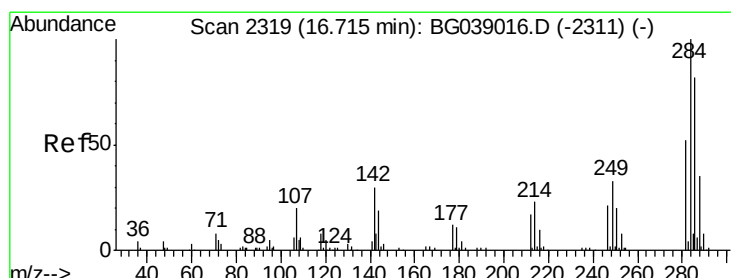
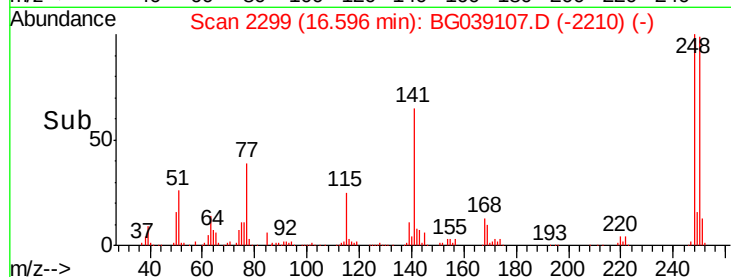
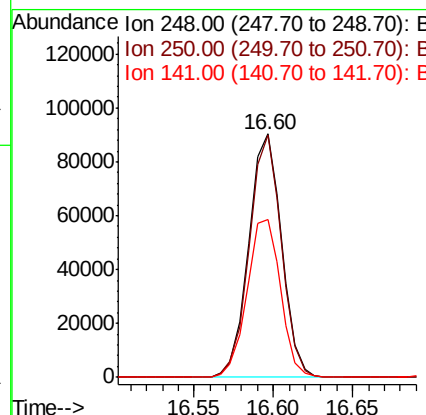
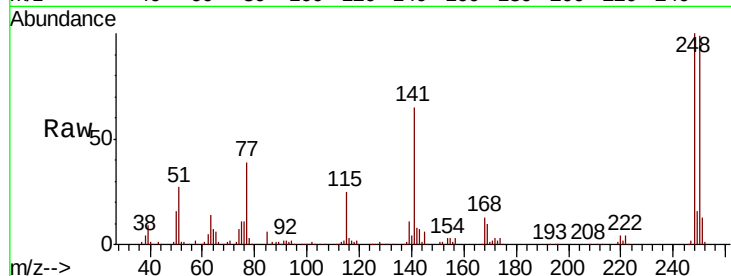
#67
 4-Bromophenyl-phenylether
 Concen: 44.844 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.9	119.9
141	64.9	52.7	79.1

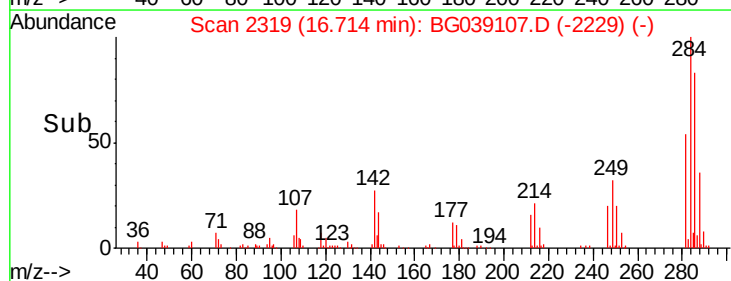
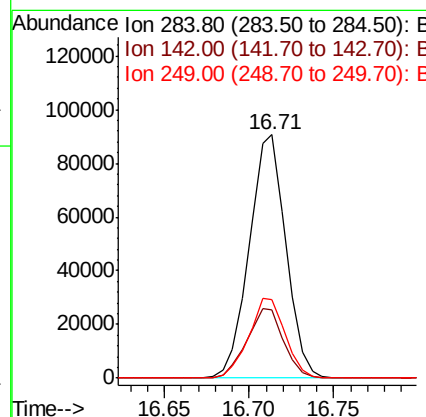
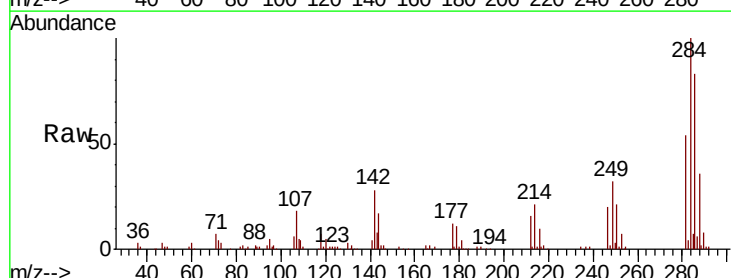
Manual Integrations
 APPROVED

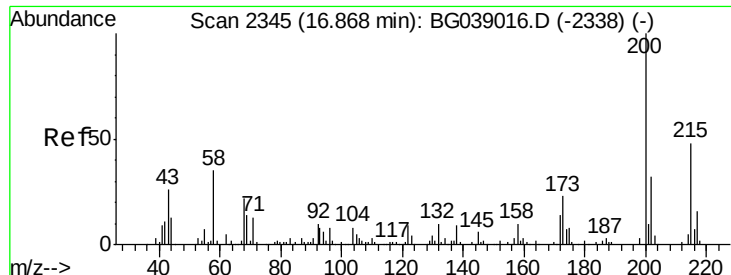
Sohil
 1/14/2019 4:31:24 PM



#68
 Hexachlorobenzene
 Concen: 43.152 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	24.3	36.5
249	34.8	27.8	41.8





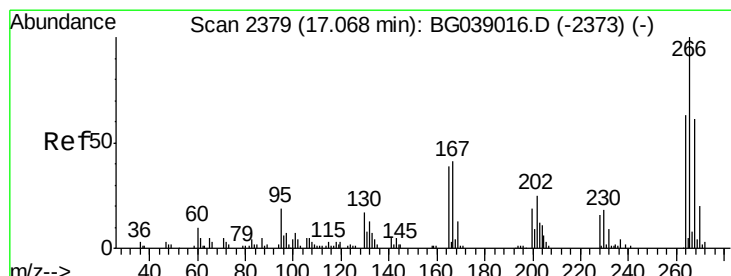
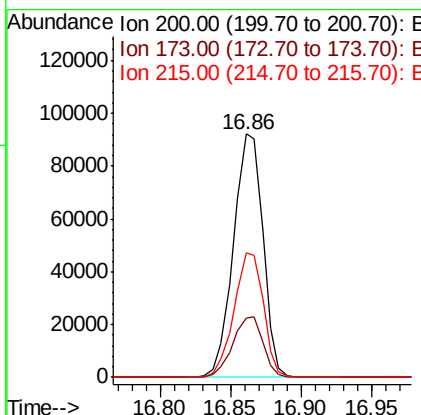
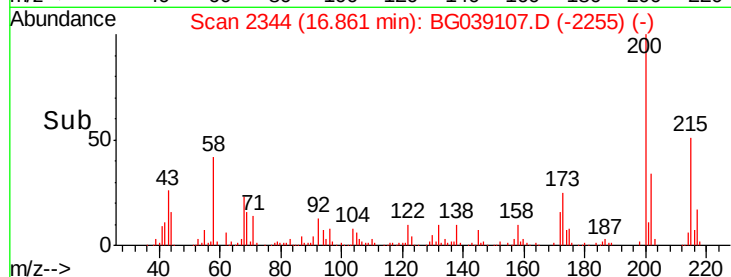
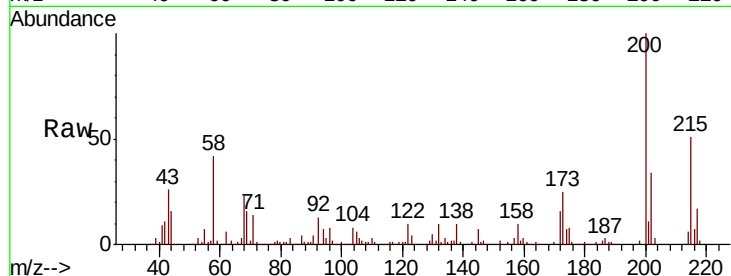
#69
Atrazine
Concen: 47.332 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	134161		
173	24.5	2.6	42.6	
215	51.3	28.0	68.0	

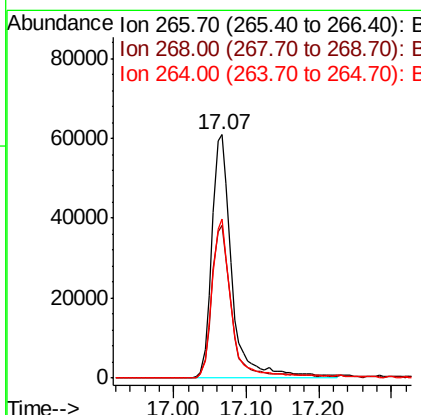
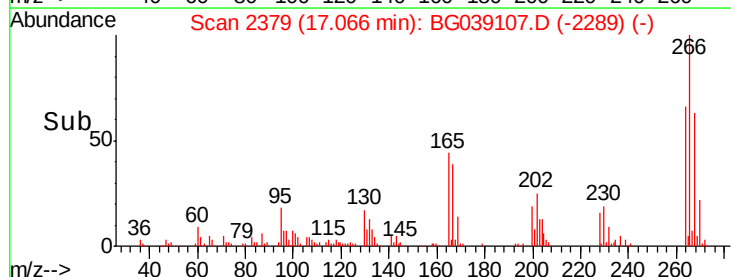
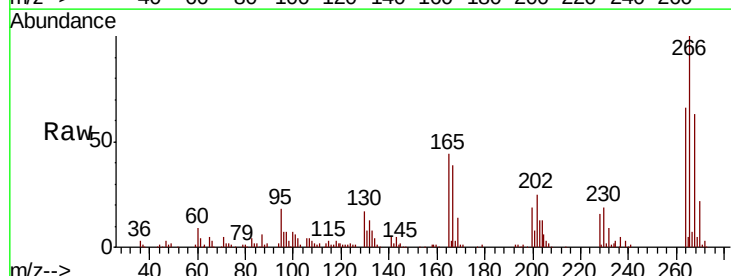
Manual Integrations
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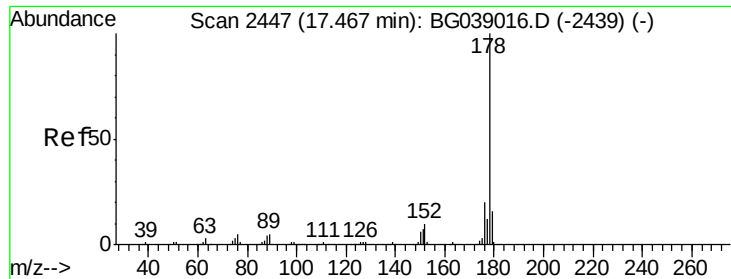
Sohil
1/14/2019 4:31:24 PM



#70
Pentachlorophenol
Concen: 61.853 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	117882		
268	67.8	52.0	78.0	
264	70.4	54.6	81.8	





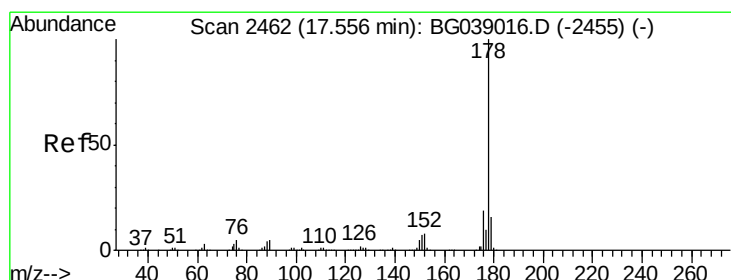
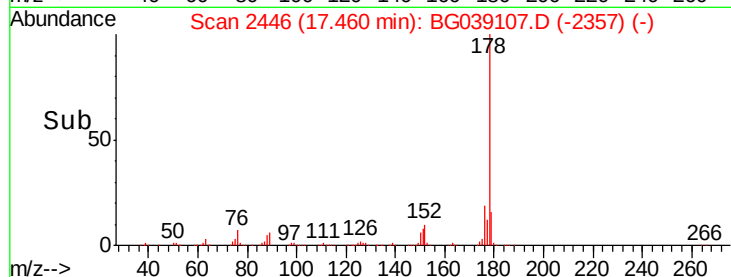
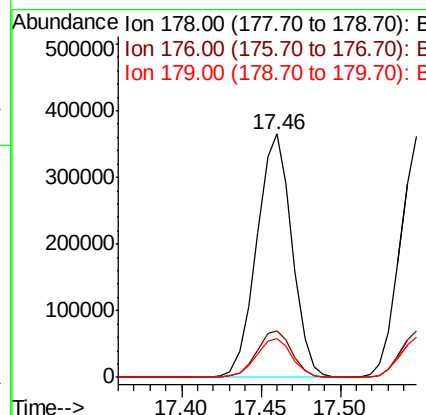
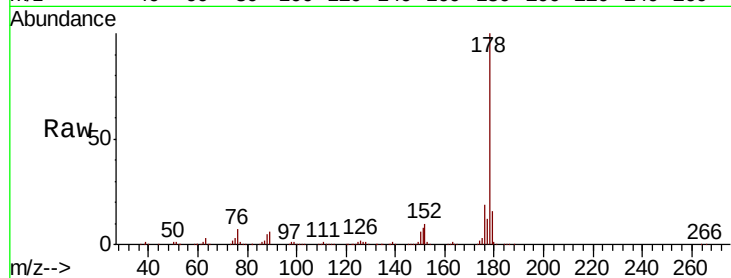
#71
Phenanthrene
Concen: 47.459 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.1	12.9	19.3

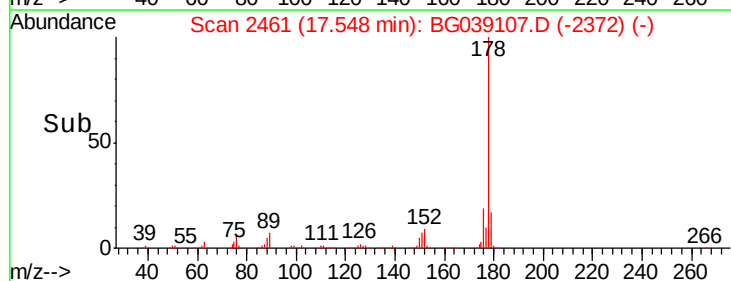
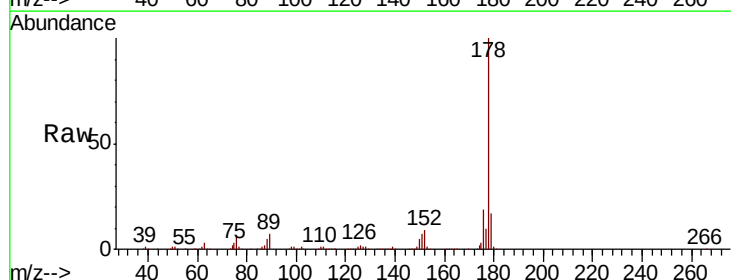
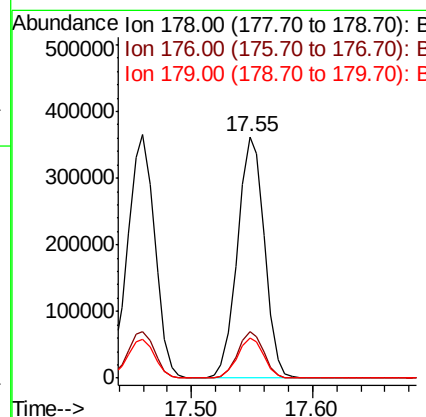
Manual Integrations
APPROVED

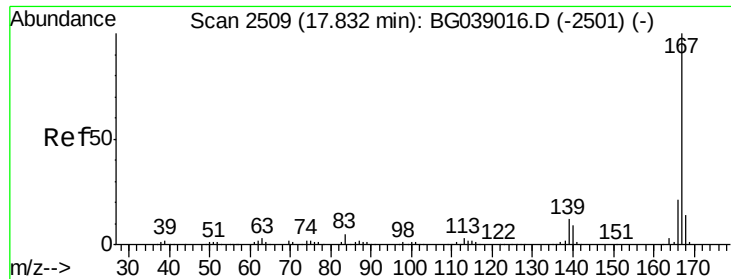
Sohil
1/14/2019 4:31:24 PM



#72
Anthracene
Concen: 47.848 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	16.7	13.0	19.4





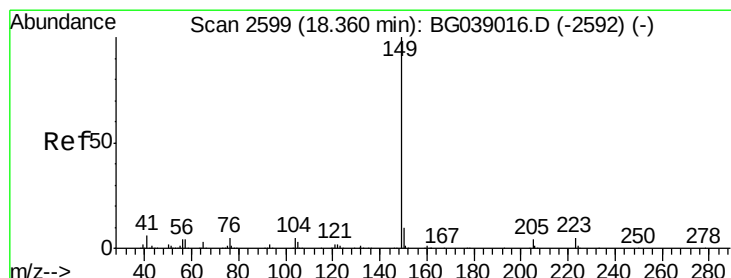
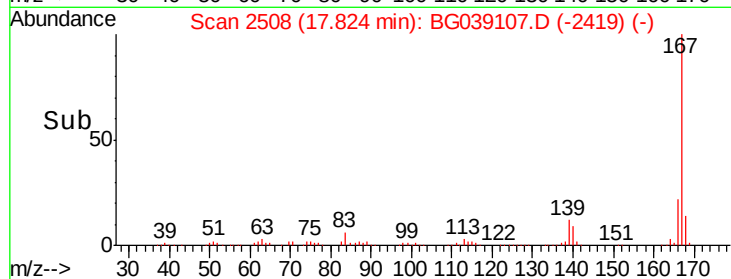
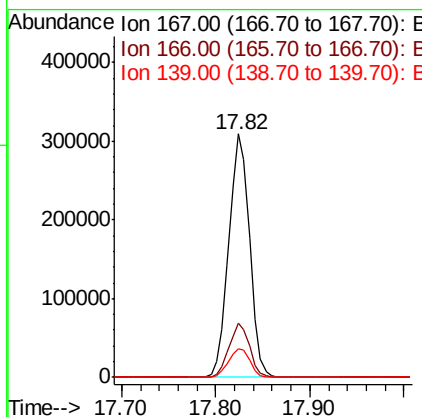
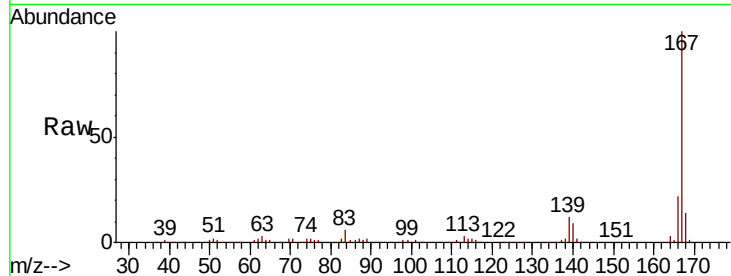
#73
 Carbazole
 Concen: 40.926 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	11.8	10.0	15.0

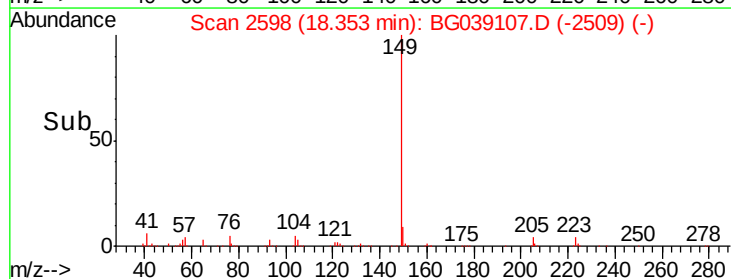
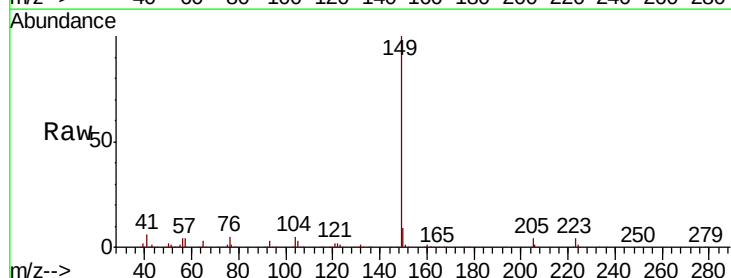
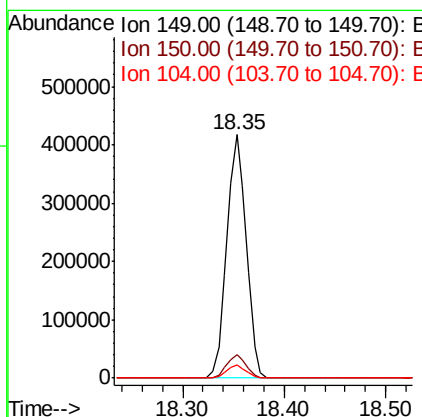
Manual Integrations
 APPROVED

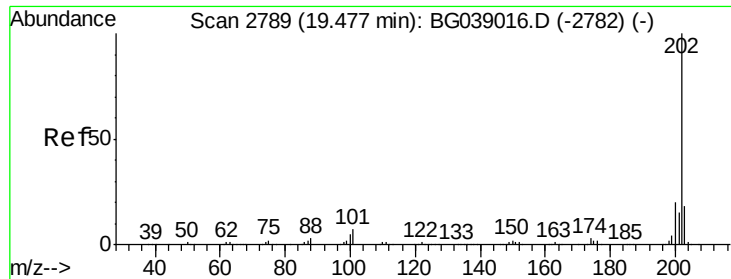
Sohil
 1/14/2019 4:31:24 PM



#74
 Di-n-butylphthalate
 Concen: 42.976 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.4	4.2	6.2





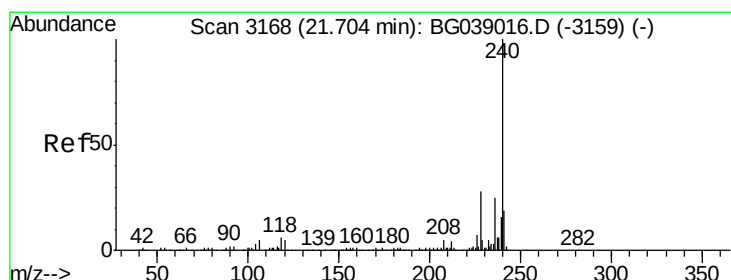
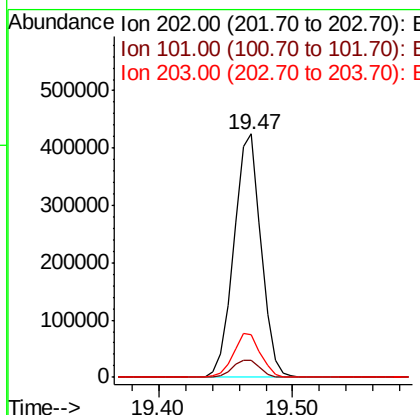
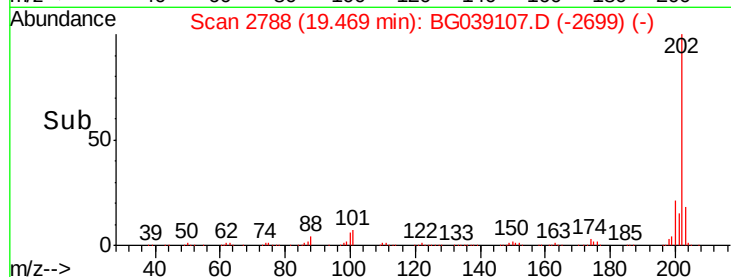
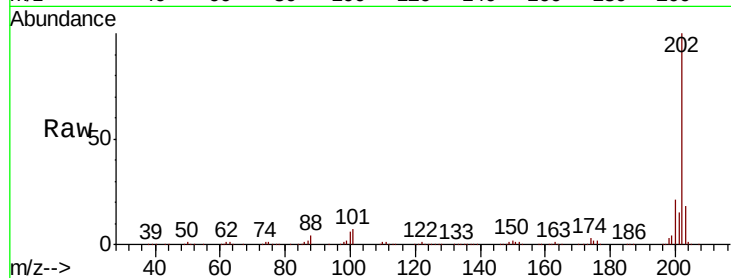
#75
 Fluoranthene
 Concen: 40.715 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		600468		
101	6.9	0.0	26.9		
203	17.7	0.0	38.1		

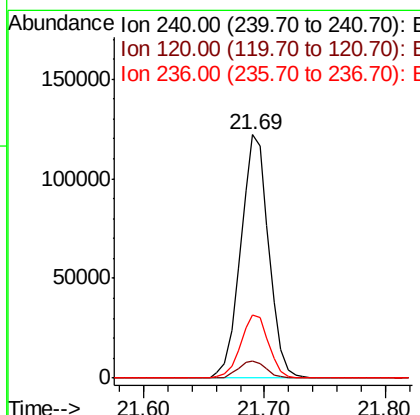
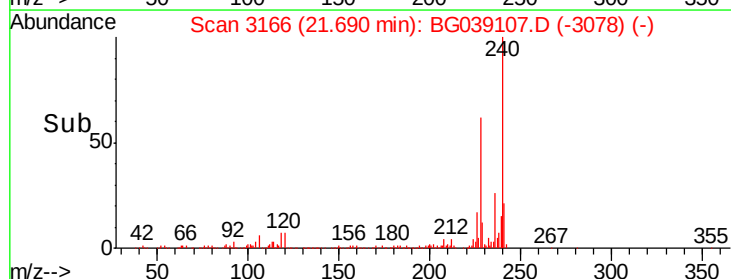
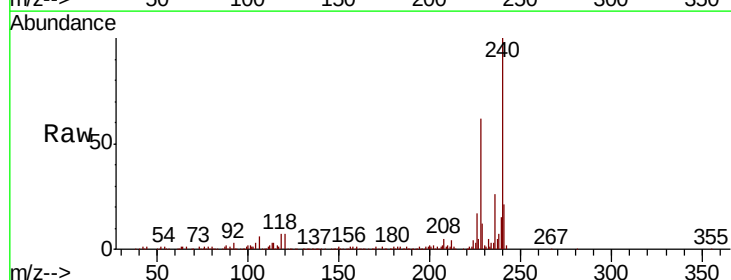
Manual Integrations
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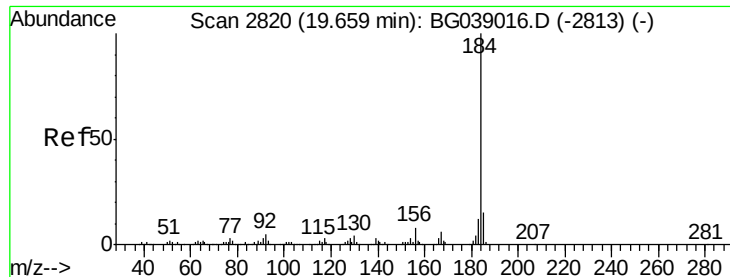
Sohil
 1/14/2019 4:31:24 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039107.D
 Acq: 12 Jan 2019 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		196585		
120	7.0	4.3	6.5#		
236	25.9	20.1	30.1		





#77

Benzidine

Concen: 9.879 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

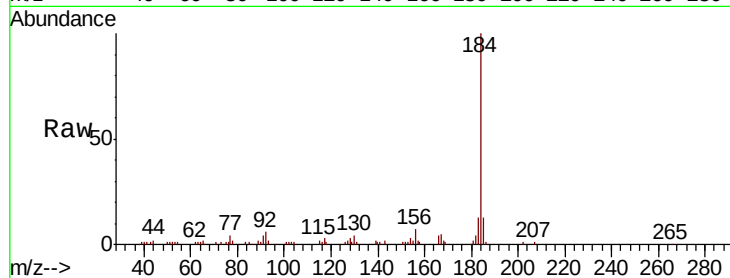
ClientSampleId :

OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.1	18.1
183	13.2	9.5	14.3

Manual Integrations
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Sohil
1/14/2019 4:31:24 PM

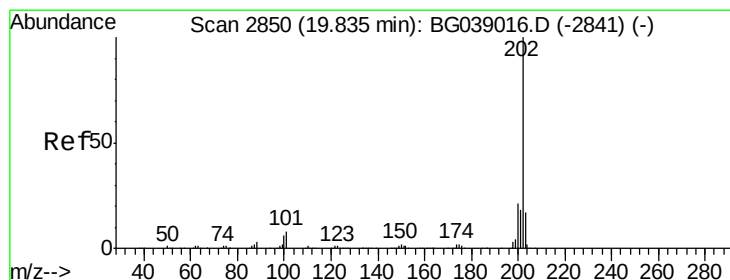
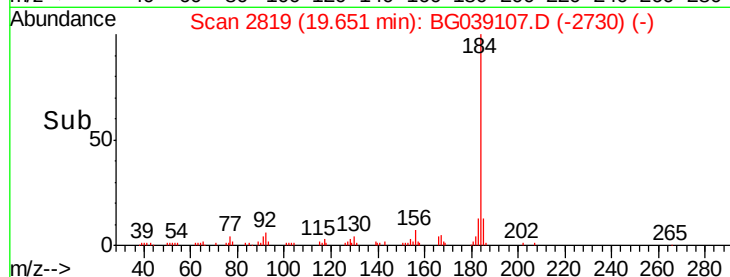
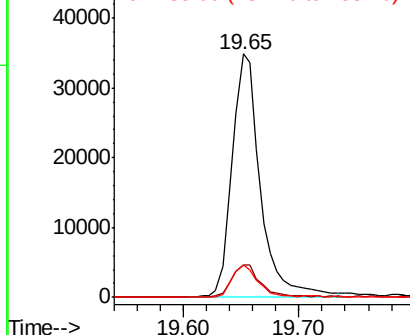


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.988 ng

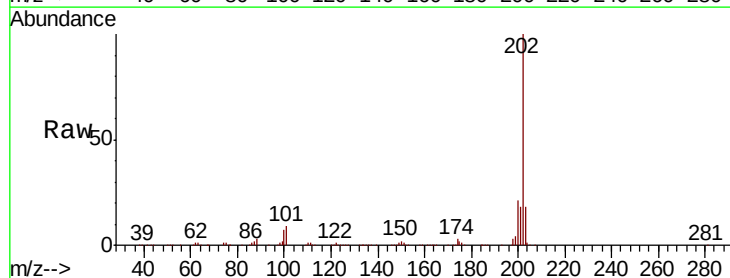
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.8	14.0	21.0

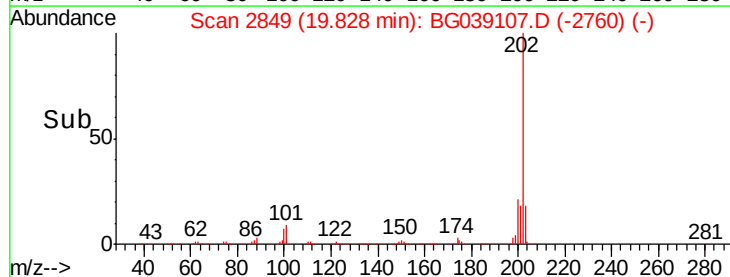
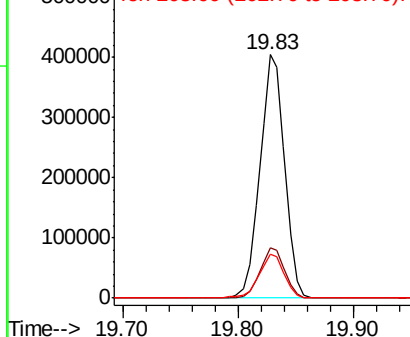


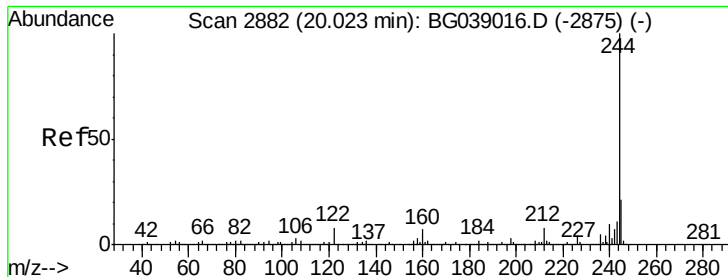
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.975 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

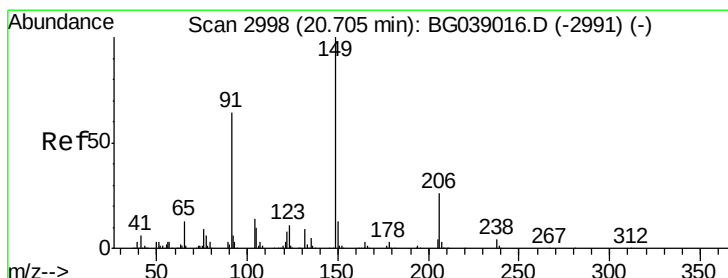
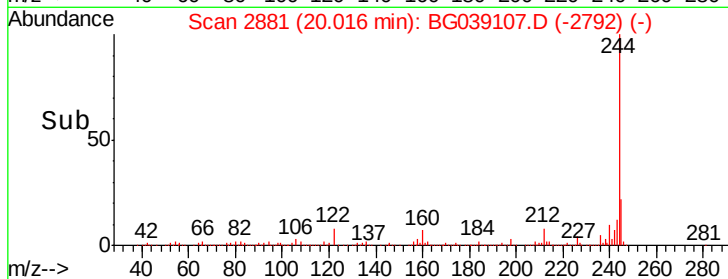
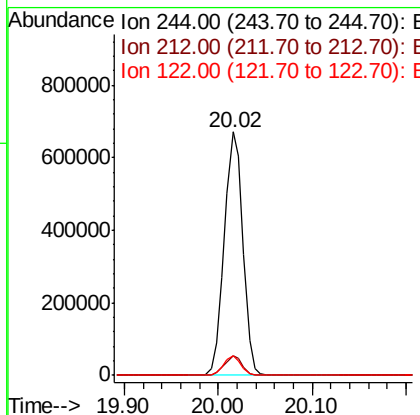
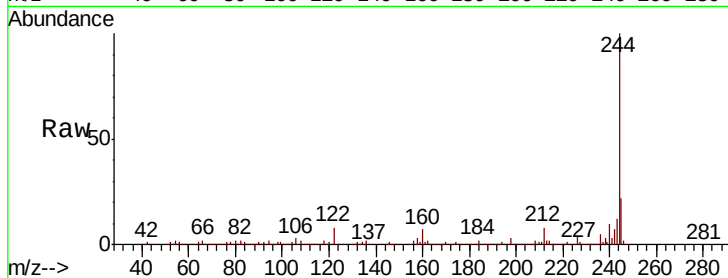
ClientSampleId :

OR-02-011019-AMS

Tot Ion:	244	Resp:	924265
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.1	9.1
122	7.9	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 47.886 ng

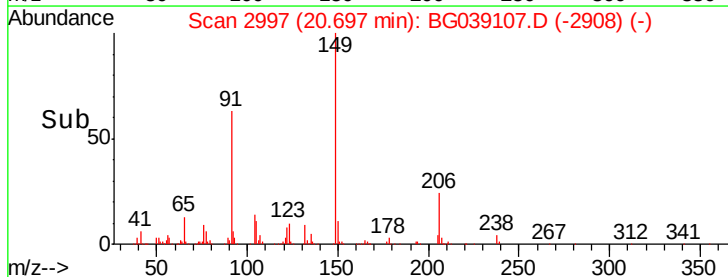
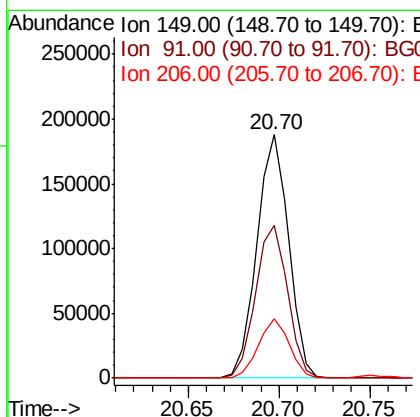
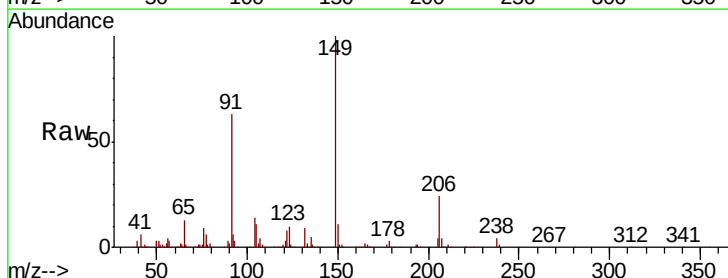
RT: 20.70 min Scan# 2997

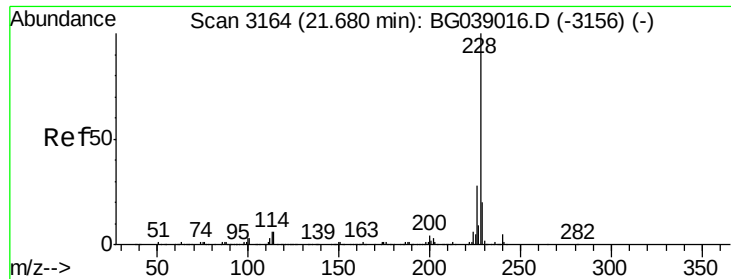
Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion:	149	Resp:	228173
Ion Ratio		Lower	Upper
149	100		
91	62.8	51.4	77.0
206	24.4	20.4	30.6





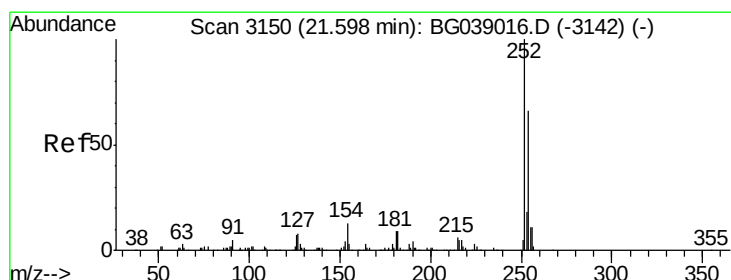
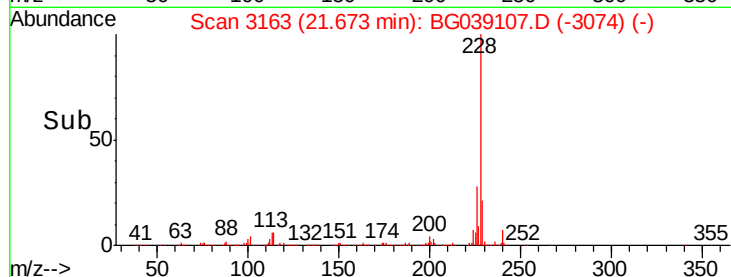
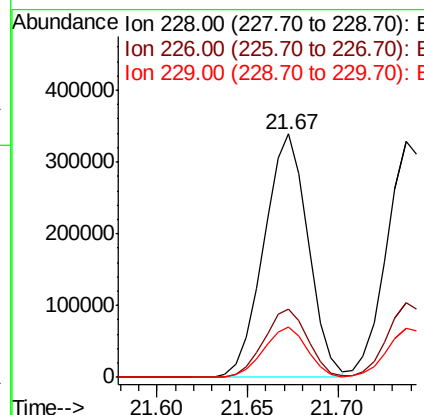
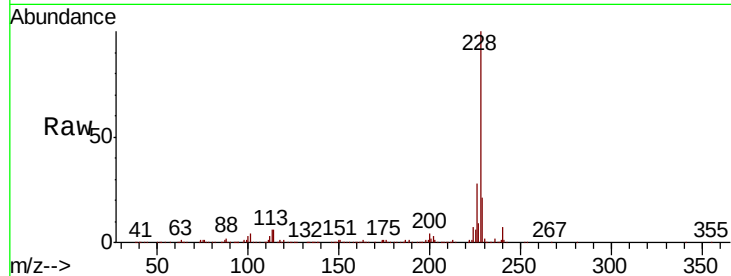
#81
Benzo(a)anthracene
Concen: 48.338 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.9	16.2	24.2

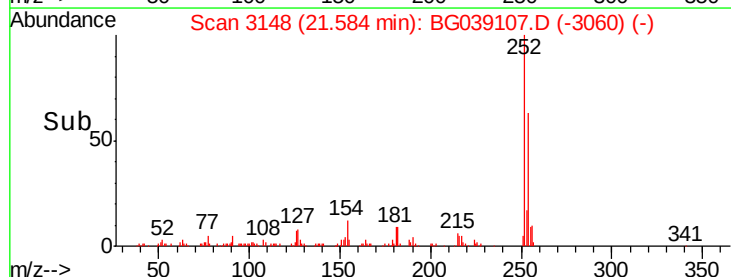
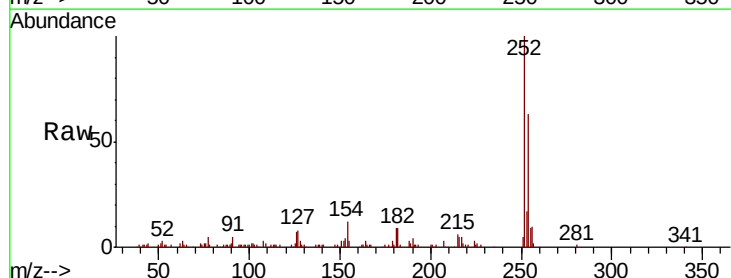
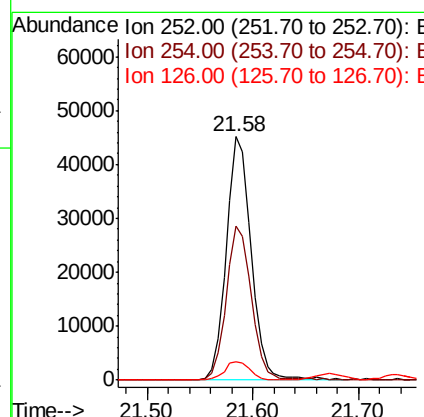
Manual Integrations
APPROVED

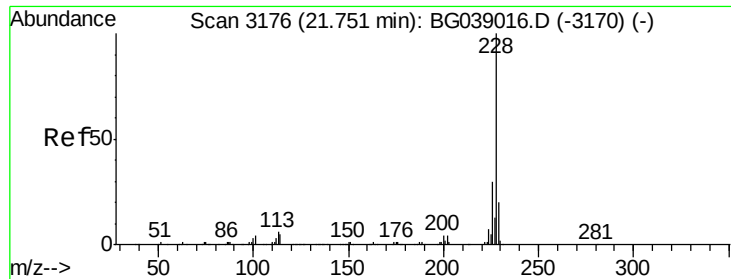
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#82
3,3'-Dichlorobenzidine
Concen: 15.129 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.6
126	7.4	6.0	9.0





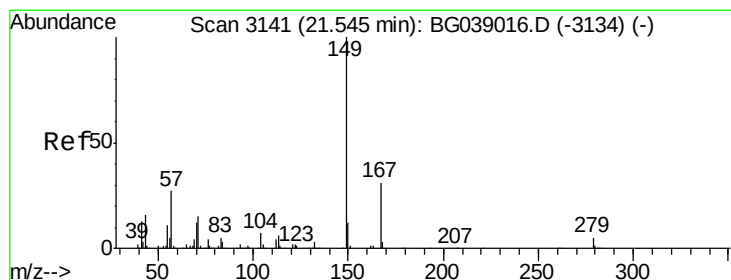
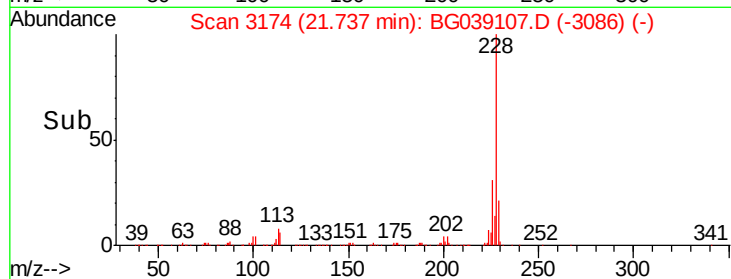
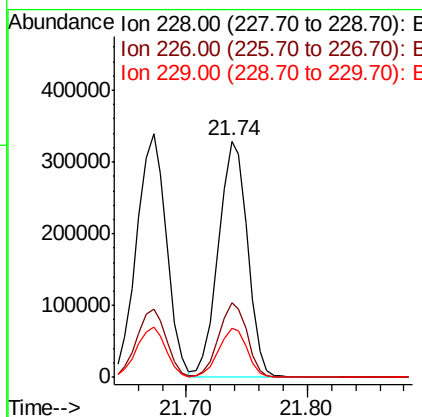
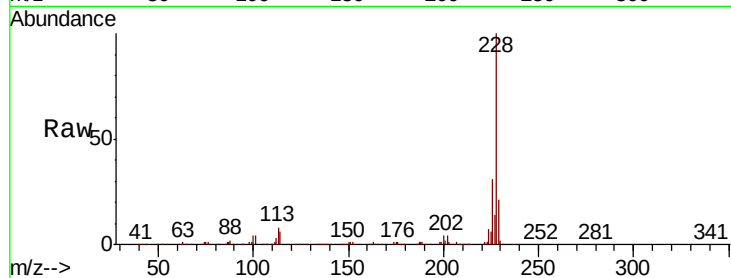
#83
Chrysene
Concen: 47.930 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	21.0	16.0	24.0

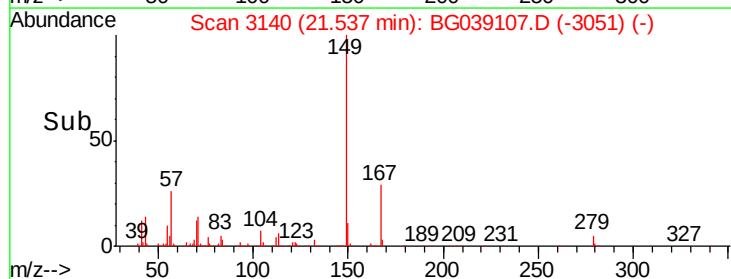
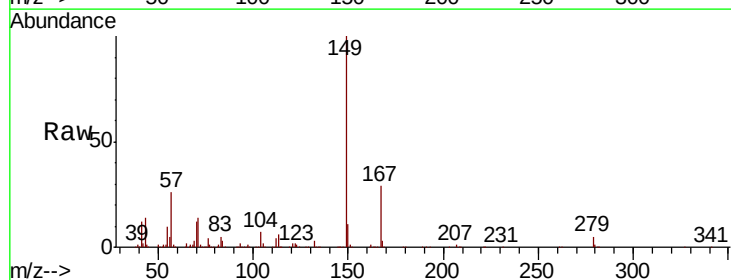
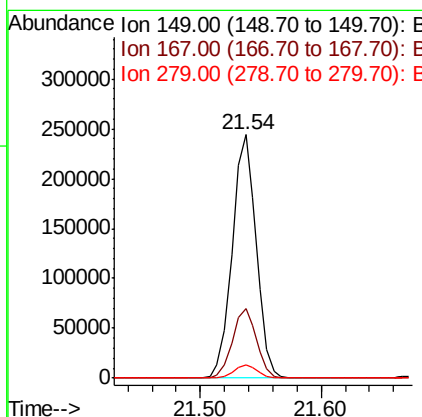
Manual Integrations
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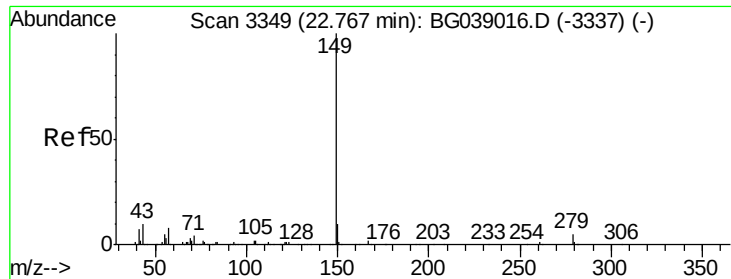
Sohil
1/14/2019 4:31:24 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.893 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	25.0	37.4
279	5.2	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 52.627 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

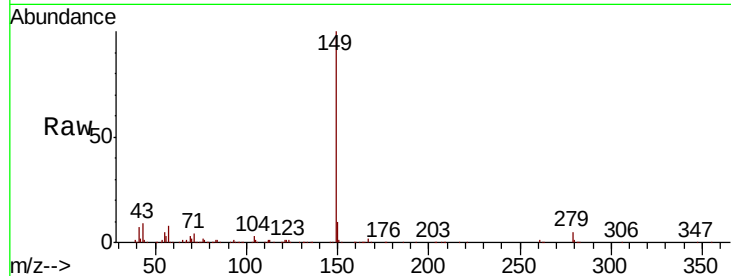
ClientSampleId :

OR-02-011019-AMS

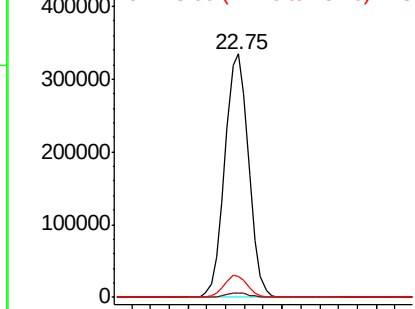
Tot Ion:	149	Resp:	588750
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	7.5	11.3

Manual Integrations
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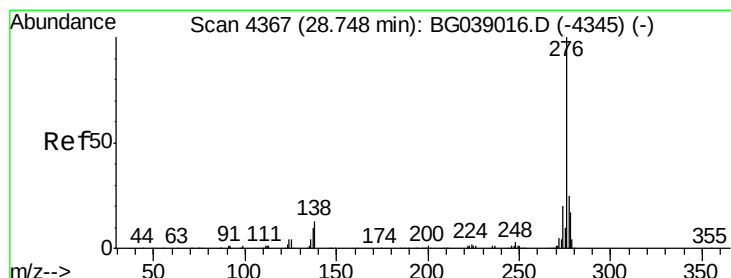
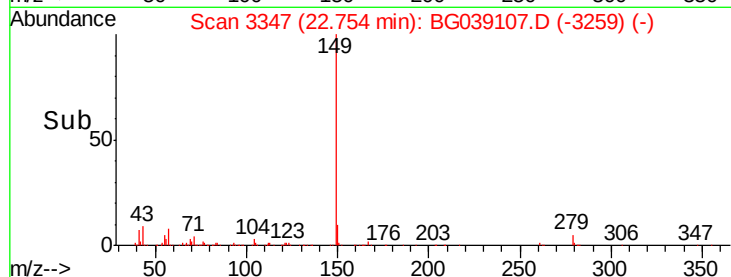
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.354 ng

RT: 28.72 min Scan# 4362

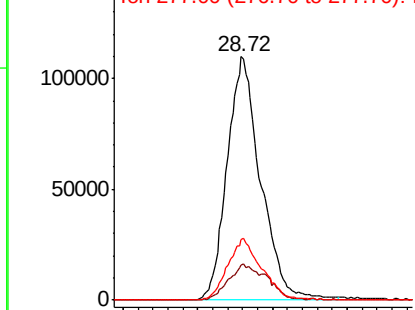
Delta R.T. -0.03 min

Lab File: BG039107.D

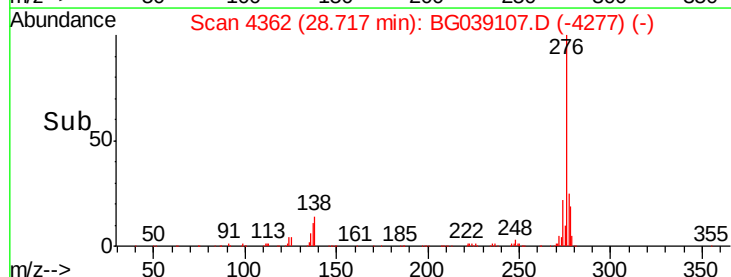
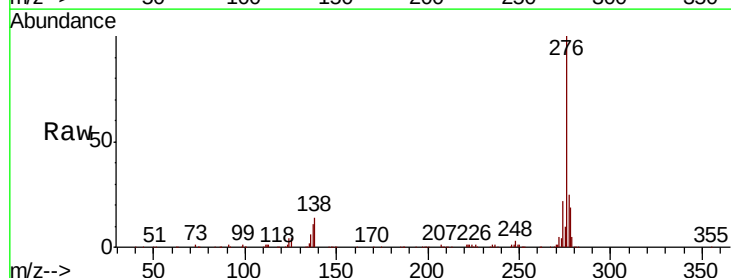
Acq: 12 Jan 2019 7:12

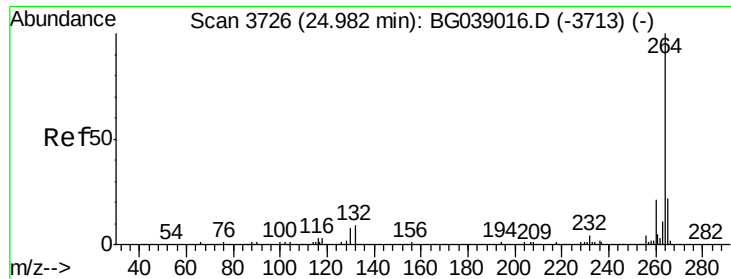
Tgt Ion:	276	Resp:	684825
Ion Ratio		Lower	Upper
276	100		
138	16.7	8.0	12.0#
277	25.5	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

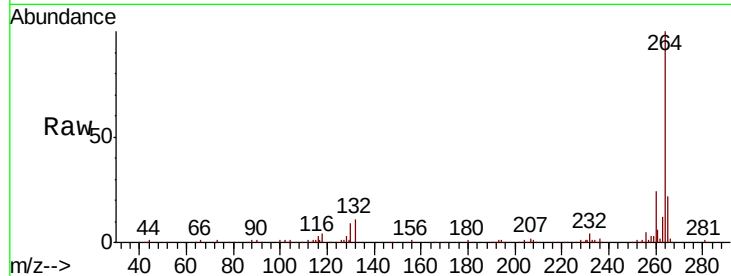
ClientSampleId :

OR-02-011019-AMS

Tot Ion:	264	Resp:	211432
Ion Ratio	Lower	Upper	
264	100		
260	24.1	17.0	25.6
265	21.9	17.2	25.8

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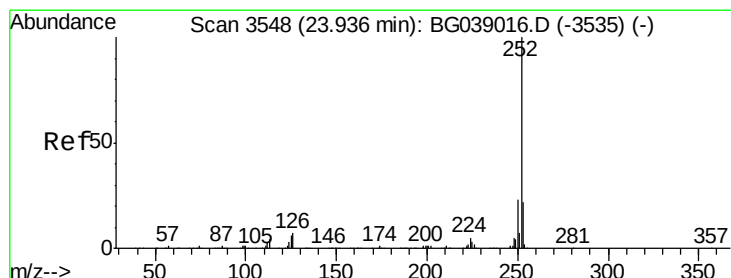
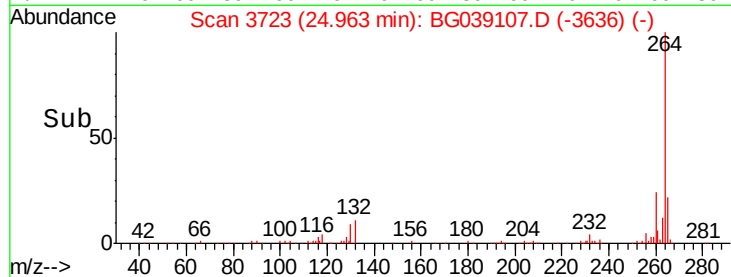
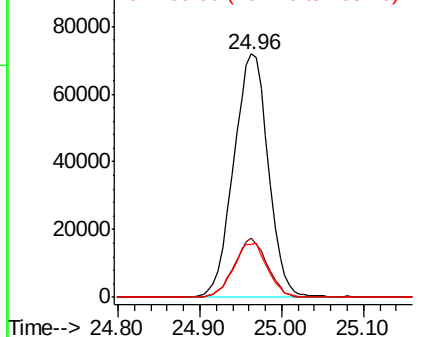


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.223 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

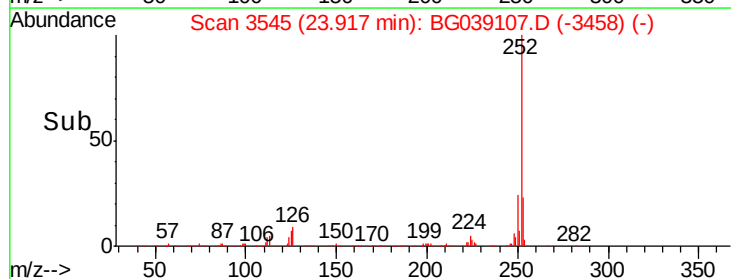
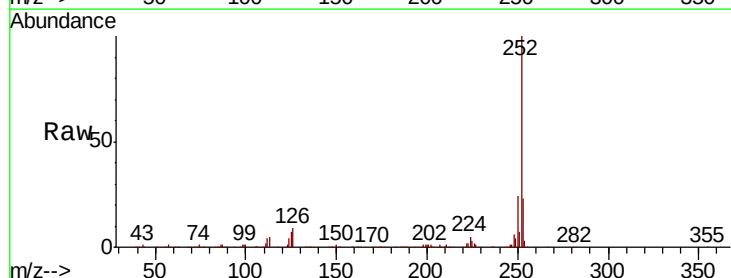
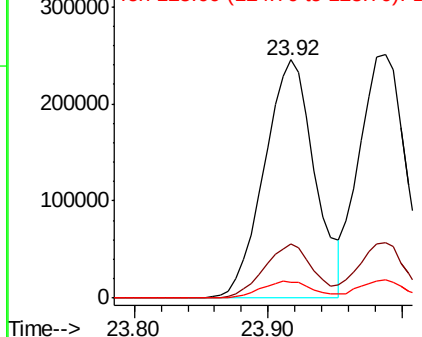
Tgt Ion:	252	Resp:	643811
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	6.8	4.9	7.3

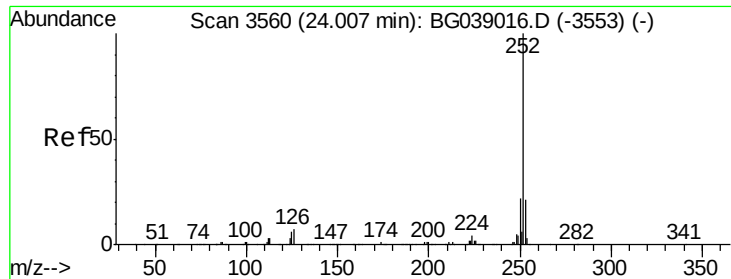
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.398 ng/mL

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Instrument :

BNA_G

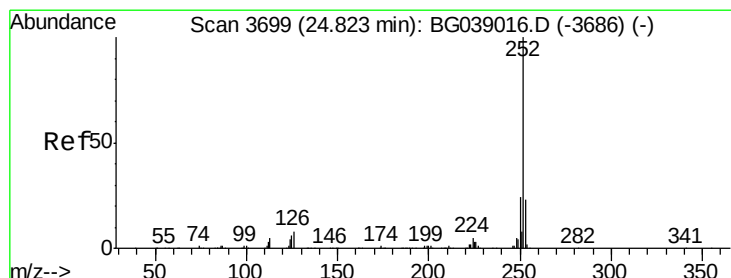
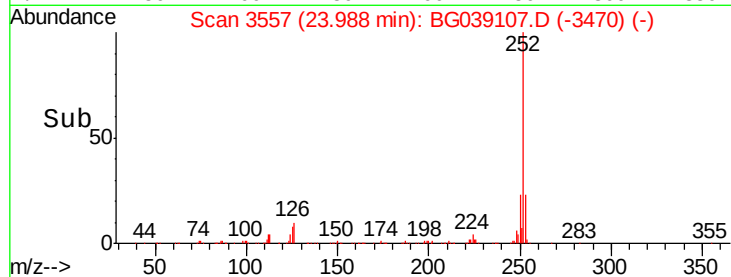
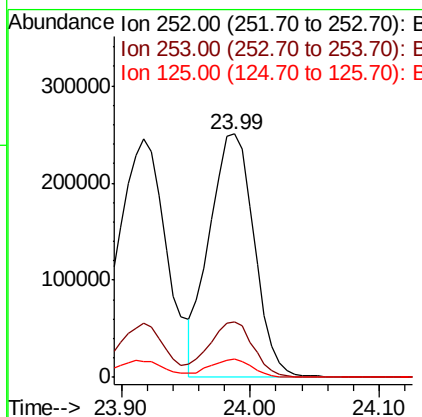
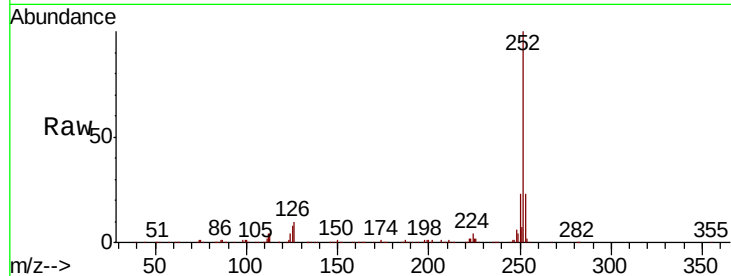
ClientSampleId :

OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.5	4.6	7.0#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.441 ng/mL

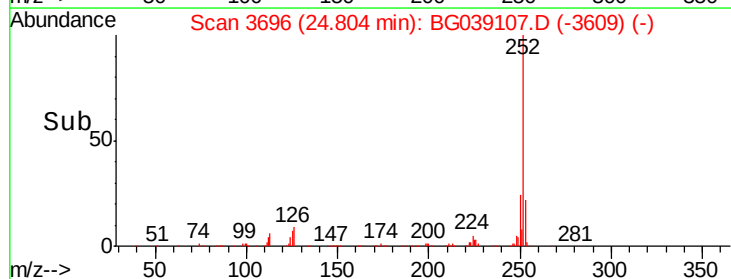
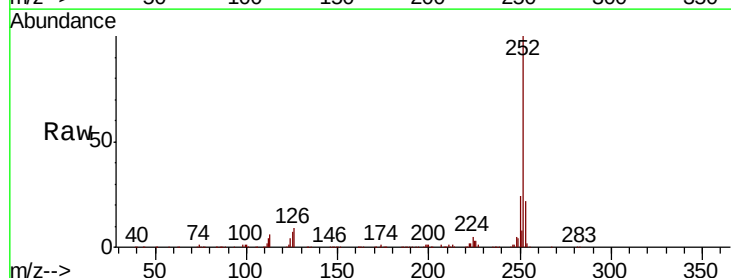
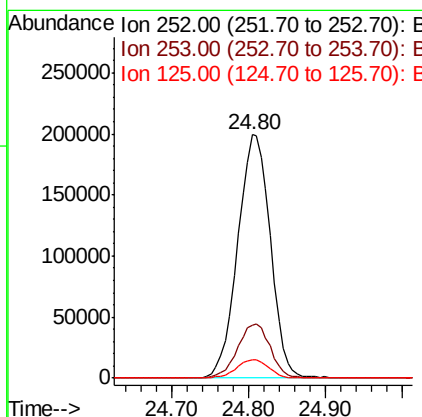
RT: 24.80 min Scan# 3696

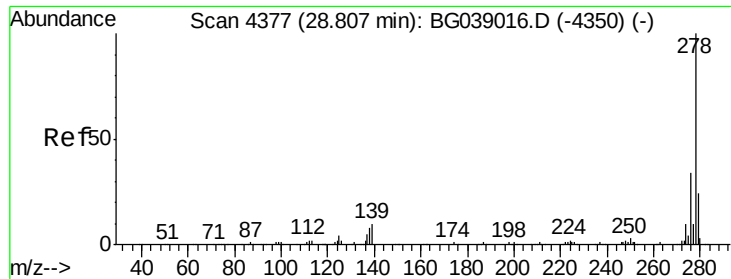
Delta R.T. -0.02 min

Lab File: BG039107.D

Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	7.5	4.9	7.3#





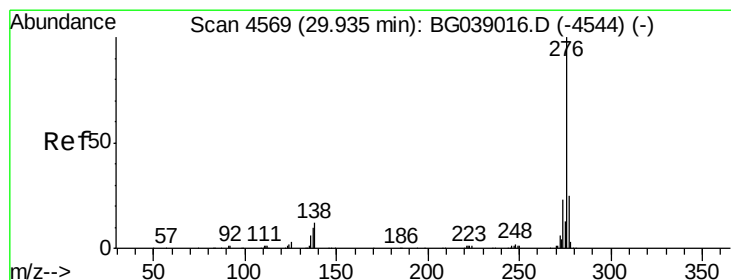
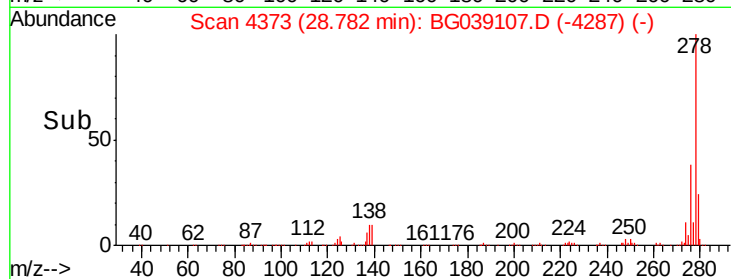
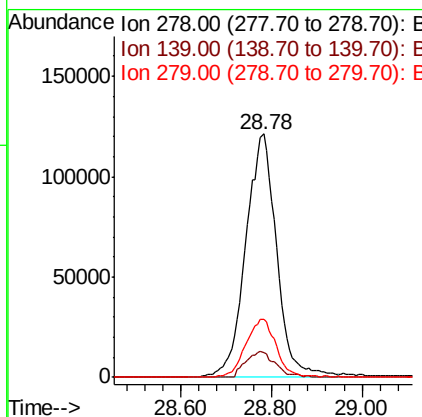
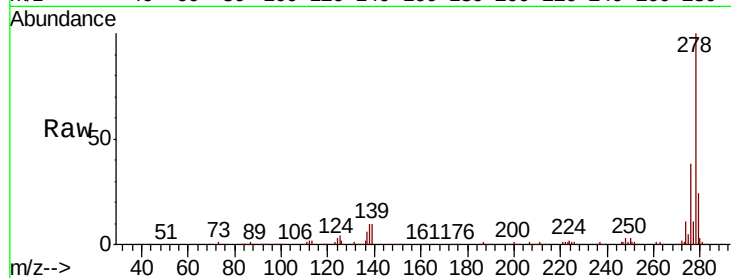
#91
Dibenzo(a,h)anthracene
Concen: 51.121 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.03 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.9	11.9
279	24.1	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/14/2019 4:31:24 PM



#92
Benzo(g,h,i)perylene
Concen: 49.589 ng
RT: 29.90 min Scan# 4564
Delta R.T. -0.03 min
Lab File: BG039107.D
Acq: 12 Jan 2019 7:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.3	30.5
138	14.3	9.4	14.2

