

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039044.D
 Acq On : 10 Jan 2019 7:35
 Operator : JU/SJ
 Sample : K1006-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:15:28 PM

Quant Time: Jan 10 09:48:21 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	8.03	152	21345	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	97512	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	77154	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	212399	20.00	ng	0.00
76) Chrysene-d12	21.70	240	171637	20.00	ng	0.00
87) Perylene-d12	24.99	264	192088	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	154755	137.53	ng	0.00
7) Phenol-d6	7.19	99	203635	125.75	ng	0.00
23) Nitrobenzene-d5	9.21	82	148039	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	179094	138.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	433507	76.90	ng	0.00
79) Terphenyl-d14	20.03	244	847206	91.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	12351	28.030	ng	# 1
3) Pyridine	3.88	79	38590	32.231	ng	93
4) n-Nitrosodimethylamine	3.79	42	23851	44.269	ng	86
6) Aniline	7.35	93	65557	33.710	ng	97
8) 2-Chlorophenol	7.59	128	61746	46.552	ng	97
9) Benzaldehyde	7.17	77	20101	21.525	ng	98
10) Phenol	7.22	94	66854	41.179	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	51617	41.599	ng	99
12) 1,3-Dichlorobenzene	7.92	146	53488	33.658	ng	98
13) 1,4-Dichlorobenzene	8.06	146	56119	34.868	ng	99
14) 1,2-Dichlorobenzene	8.38	146	55572	36.213	ng	97
15) Benzyl Alcohol	8.28	79	59041	48.415	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99711	41.908	ng	98
17) 2-Methylphenol	8.48	107	55412	49.154	ng	95
18) Hexachloroethane	9.10	117	18460	33.761	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	47349	44.527	ng	96
20) 3+4-Methylphenols	8.80	107	75671	47.081	ng	98
22) Acetophenone	8.86	105	96925	38.062	ng	# 99
24) Nitrobenzene	9.25	77	71510	39.701	ng	99
25) Isophorone	9.76	82	142968	46.575	ng	98
26) 2-Nitrophenol	9.96	139	38923	39.951	ng	97
27) 2,4-Dimethylphenol	10.01	122	66003	48.153	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	79276	42.971	ng	97
29) 2,4-Dichlorophenol	10.49	162	79719	46.816	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	69316	33.879	ng	100
31) Naphthalene	10.90	128	189671	38.782	ng	100
32) Benzoic acid	10.17	122	18444	27.020	ng	97
33) 4-Chloroaniline	11.02	127	41133	18.796	ng	98
34) Hexachlorobutadiene	11.16	225	45081	32.022	ng	95
35) Caprolactam	11.81	113	20716m	30.338	ng	
36) 4-Chloro-3-methylphenol	12.13	107	83881	46.056	ng	92
37) 2-Methylnaphthalene	12.50	142	162848	44.412	ng	97
38) 1-Methylnaphthalene	12.72	142	154793	43.982	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	103827	35.832	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	96065	60.381	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	78334	42.954	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	86552	44.905	nq	96
46) 1,1'-Biphenyl	13.51	154	229880	37.602	nq	100
47) 2-Chloronaphthalene	13.55	162	183900	37.172	nq	99
48) 2-Nitroaniline	13.77	65	59623	43.019	nq	96
49) Acenaphthylene	14.40	152	316336	42.541	nq	99
50) Dimethylphthalate	14.12	163	278773	42.758	nq	99
51) 2,6-Dinitrotoluene	14.26	165	62571	42.925	nq	97
52) Acenaphthene	14.74	154	182798	40.915	nq	97
53) 3-Nitroaniline	14.59	138	41722	28.215	nq	99
54) 2,4-Dinitrophenol	14.80	184	60101	69.706	nq	94
55) Dibenzofuran	15.07	168	321380	40.730	nq	99
56) 4-Nitrophenol	14.90	139	80972	76.103	nq	99
57) 2,4-Dinitrotoluene	15.04	165	91025	43.526	nq	95
58) Fluorene	15.72	166	266975	44.950	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	82903	45.565	nq	98
60) Diethylphthalate	15.47	149	292896	43.602	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	152115	40.652	nq	100
62) 4-Nitroaniline	15.76	138	61486	39.914	nq	97
63) Azobenzene	16.00	77	218529	41.599	nq	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	51866	32.961	nq	91
66) n-Nitrosodiphenylamine	15.93	169	249322	39.597	nq	96
67) 4-Bromophenyl-phenylether	16.60	248	106863	39.140	nq	94
68) Hexachlorobenzene	16.72	284	114457	38.418	nq	98
69) Atrazine	16.87	200	107533	40.201	nq	98
70) Pentachlorophenol	17.07	266	109284	60.865	nq	95
71) Phenanthrene	17.47	178	477413	42.525	nq	98
72) Anthracene	17.56	178	484492	43.647	nq	99
73) Carbazole	17.83	167	414831	37.857	nq	99
74) Di-n-butylphthalate	18.36	149	492139	40.371	nq	99
75) Fluoranthene	19.47	202	545254	39.177	nq	99
77) Benzidine	19.66	184	125693	23.943	nq	99
78) Pyrene	19.83	202	532515	48.684	nq	99
80) Butylbenzylphthalate	20.70	149	180379	43.358	nq	97
81) Benzo(a)anthracene	21.68	228	466636	44.661	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	118481	27.831	nq	97
83) Chrysene	21.75	228	433001	43.573	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	248660	43.047	nq	96
85) Di-n-octyl phthalate	22.76	149	429931	44.016	nq	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	553971	46.653	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	471864	44.550	nq	99
89) Benzo(k)fluoranthene	24.00	252	466413	44.538	nq	100
90) Benzo(a)pyrene	24.83	252	463200	45.245	nq	97
91) Dibenzo(a,h)anthracene	28.81	278	460172	45.190	nq	98
92) Benzo(g,h,i)perylene	29.93	276	461013	45.730	nq	98

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

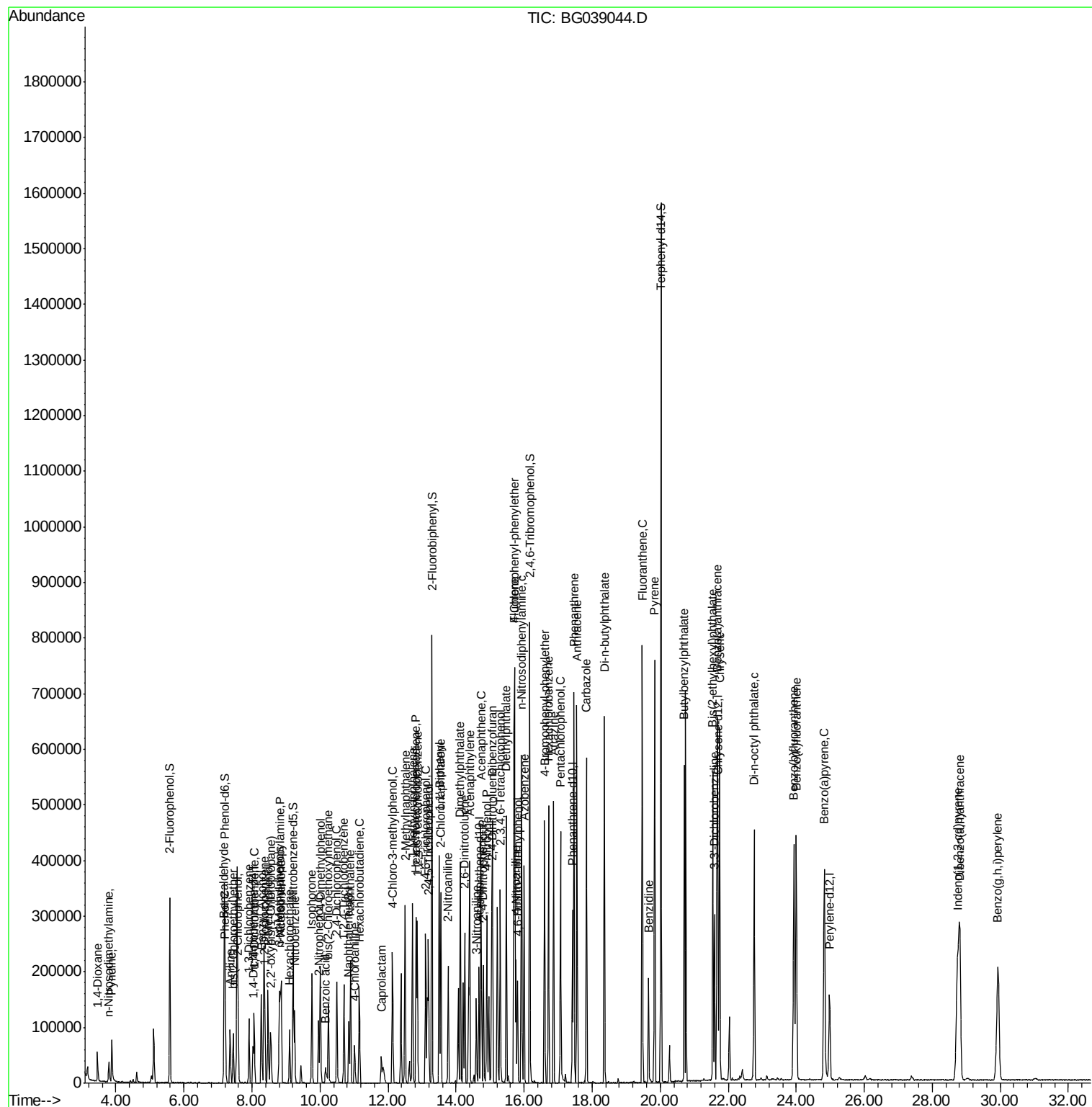
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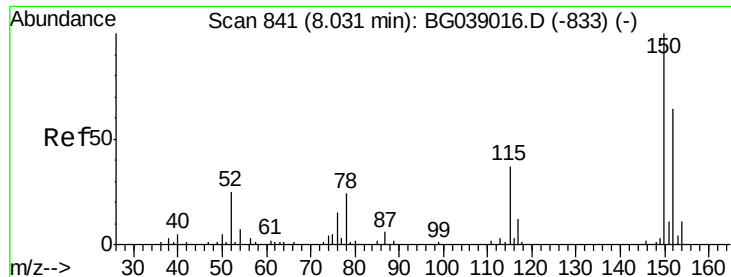
Instrument :
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#1

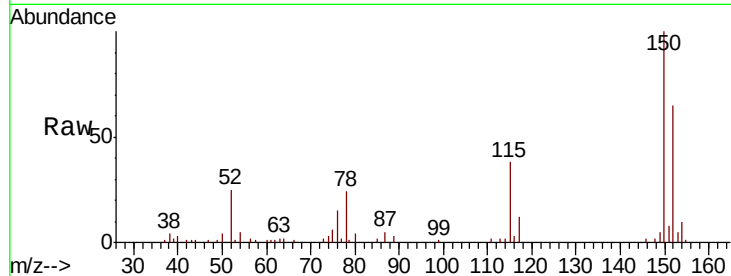
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.7	187.1
115	57.6	46.5	69.7

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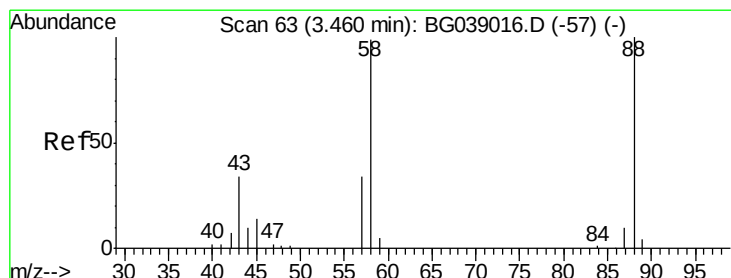
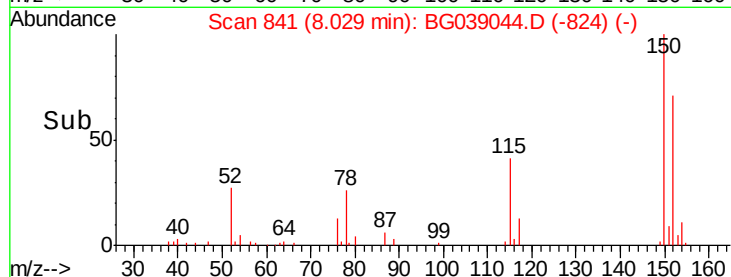
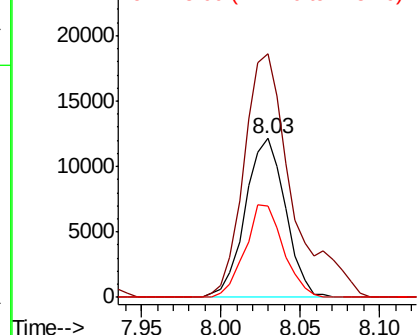


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

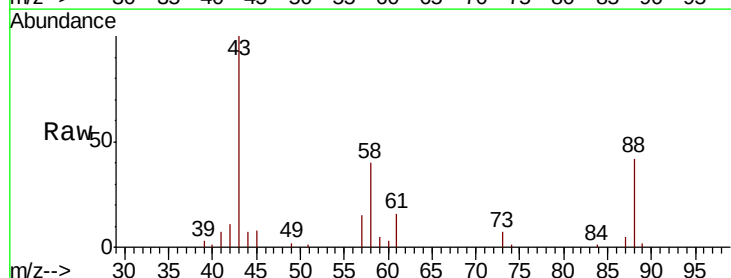
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.030 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	72.4	108.6
43	251.6	27.6	41.4#

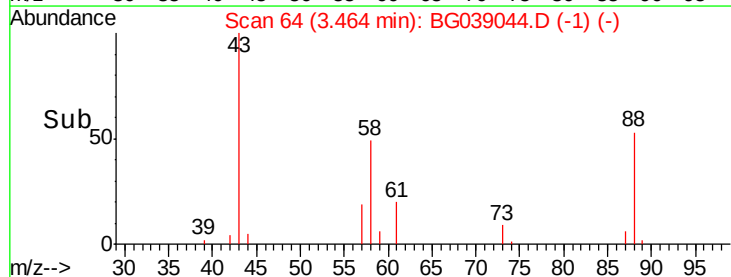
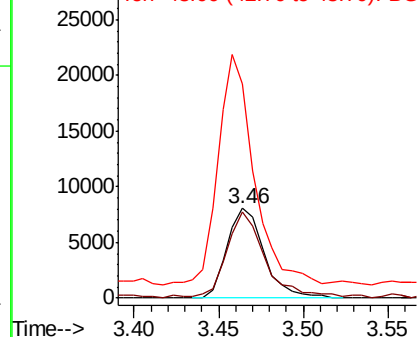


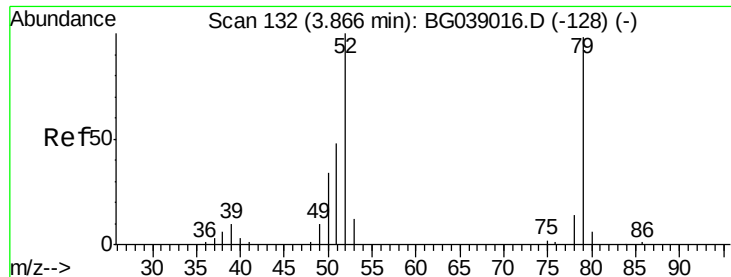
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.231 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

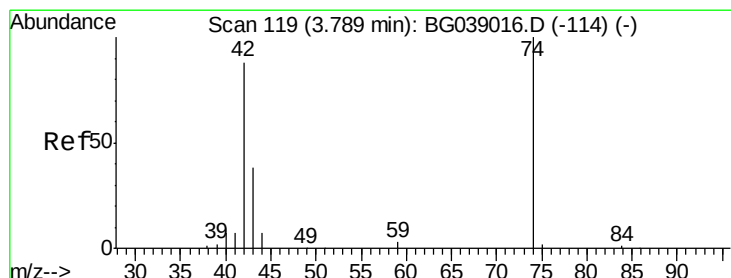
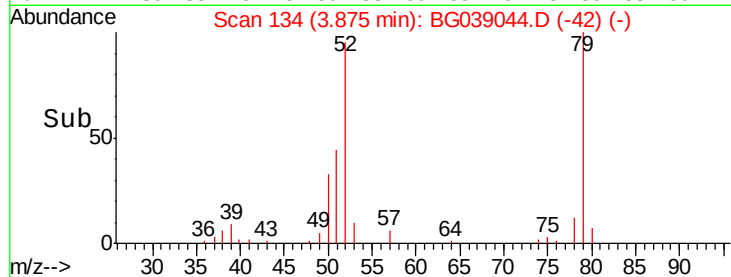
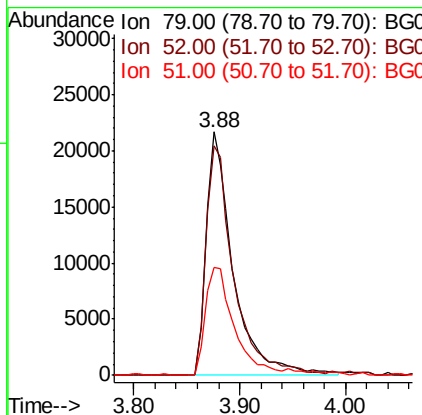
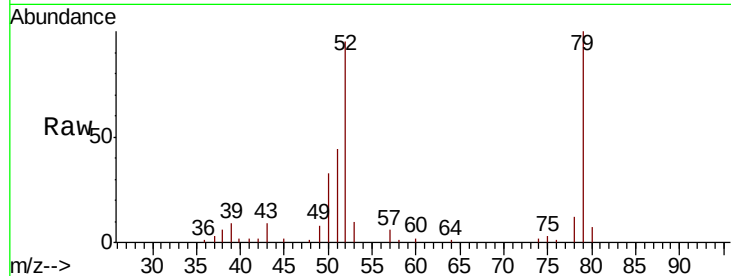
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	79	Resp:	38590
Ion	Ratio	Lower	Upper
79	100		
52	94.5	81.5	122.3
51	44.4	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 44.269 ng

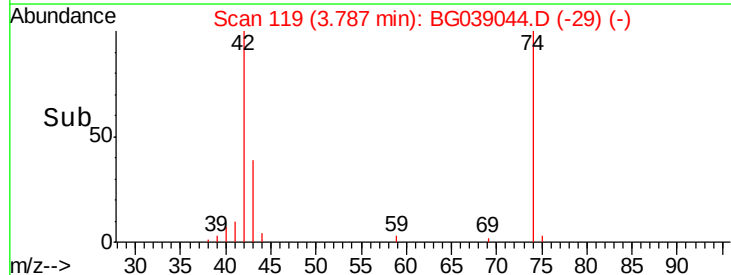
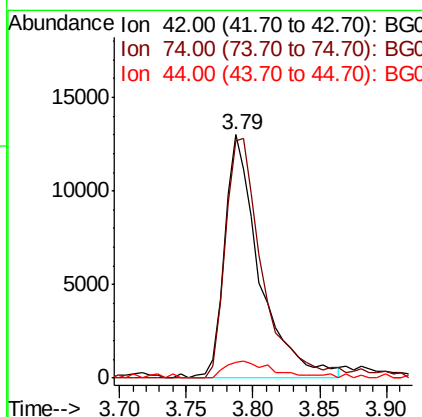
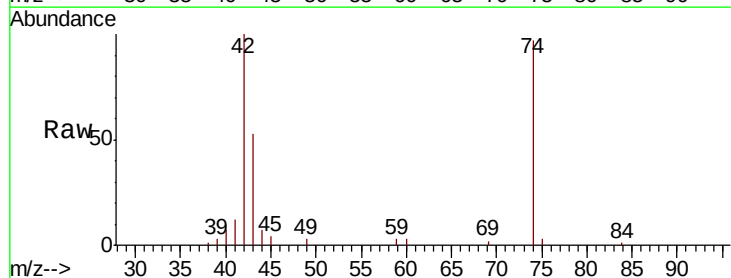
RT: 3.79 min Scan# 119

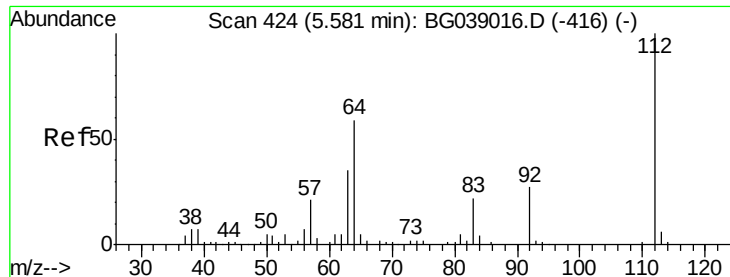
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	42	Resp:	23851
Ion	Ratio	Lower	Upper
42	100		
74	97.3	90.7	136.1
44	6.7	6.5	9.7





#5

2-Fluorophenol

Concen: 137.535 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

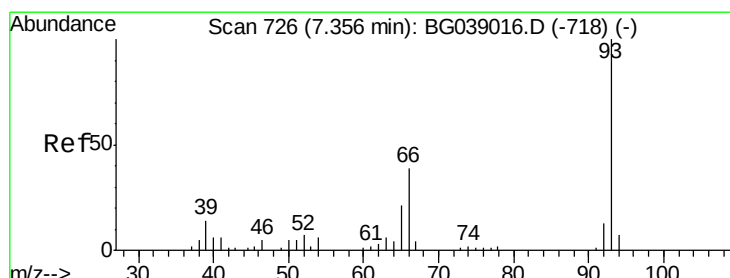
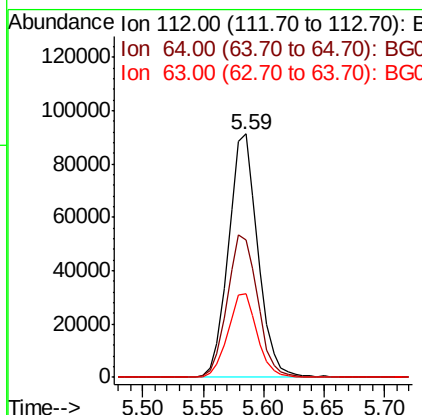
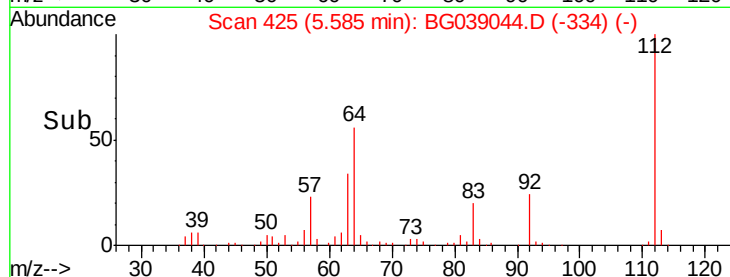
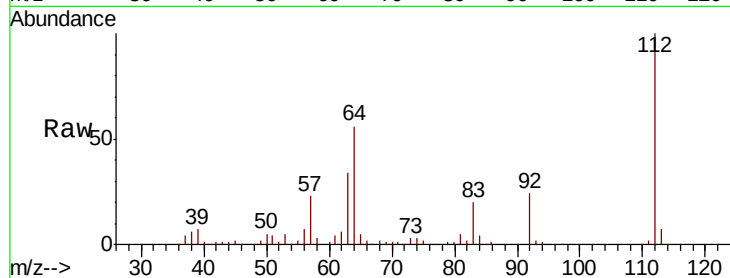
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Tot Ion:	112	Resp:	154755
Ion Ratio	Lower	Upper	
112	100		
64	56.4	47.0	70.6
63	34.5	28.0	42.0

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#6

Aniline

Concen: 33.710 ng

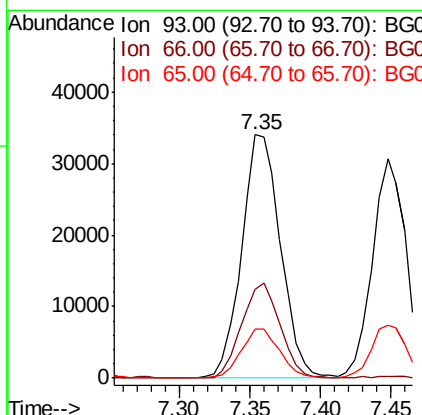
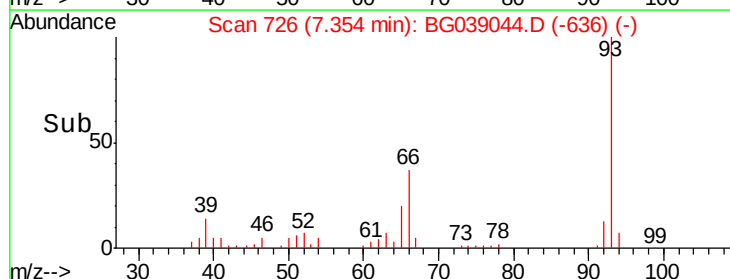
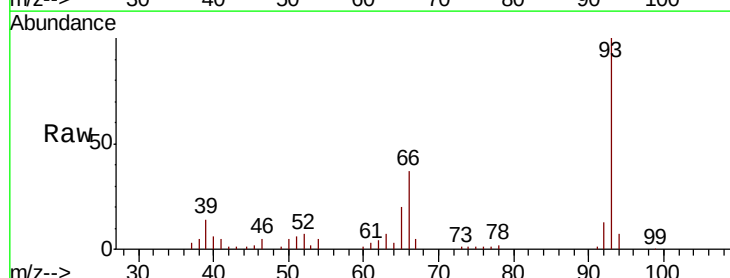
RT: 7.35 min Scan# 726

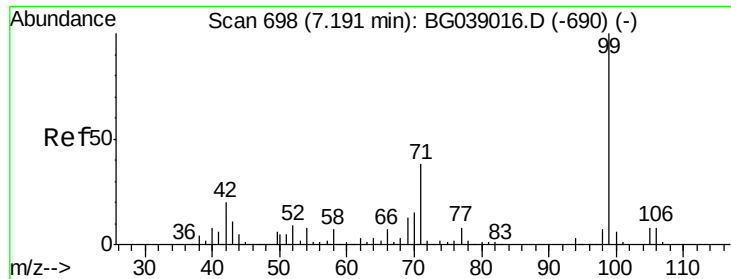
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	93	Resp:	65557
Ion Ratio	Lower	Upper	
93	100		
66	36.6	30.9	46.3
65	20.4	17.0	25.4





#7

Phenol-d6

Concen: 125.753 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

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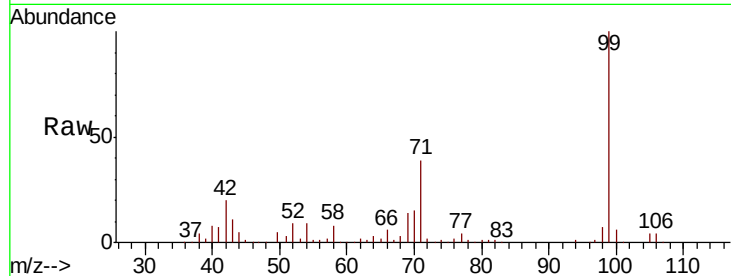
ClientSampleId :

JC-03-010819-AMS

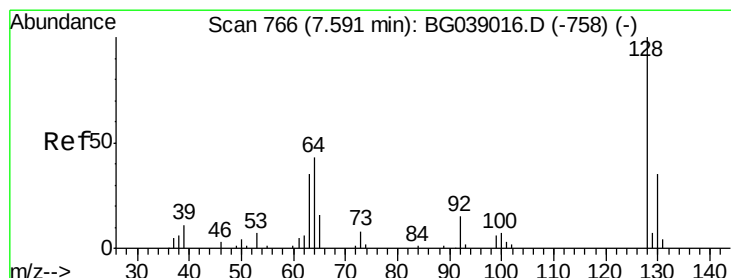
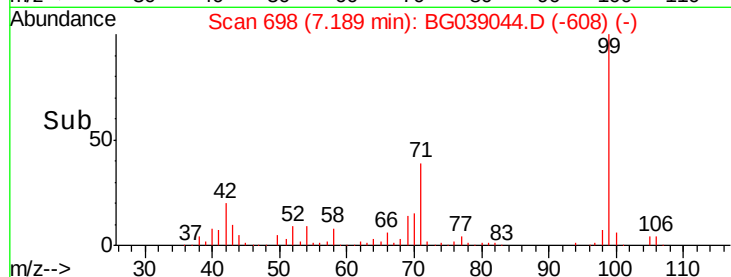
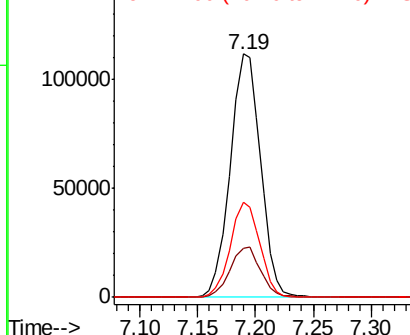
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		203635		
42	20.1	15.8	23.6		
71	38.8	30.2	45.4		

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



#8

2-Chlorophenol

Concen: 46.552 ng

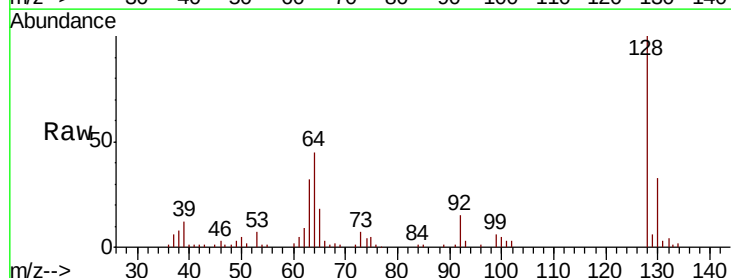
RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

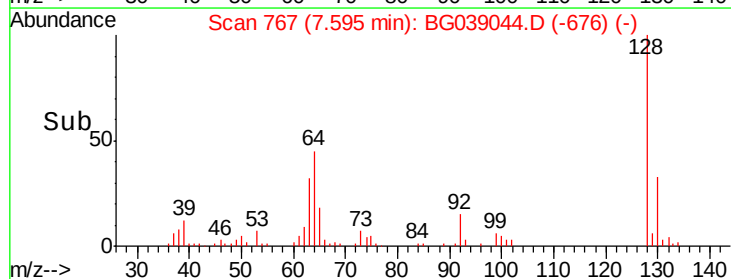
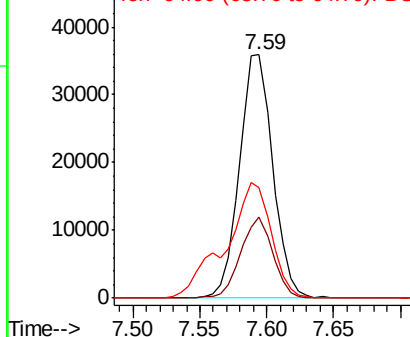
Lab File: BG039044.D

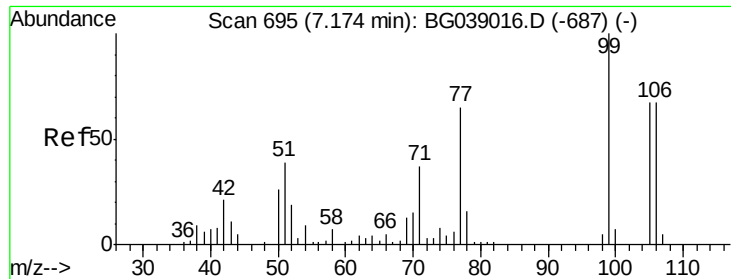
Acq: 10 Jan 2019 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		61746		
130	33.1	14.5	54.5		
64	45.3	27.3	67.3		



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





#9

Benzaldehyde

Concen: 21.525 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

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BNA_G

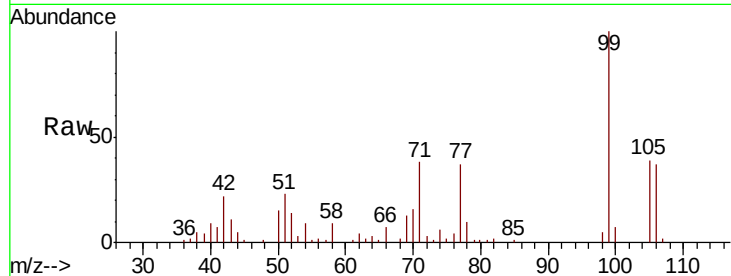
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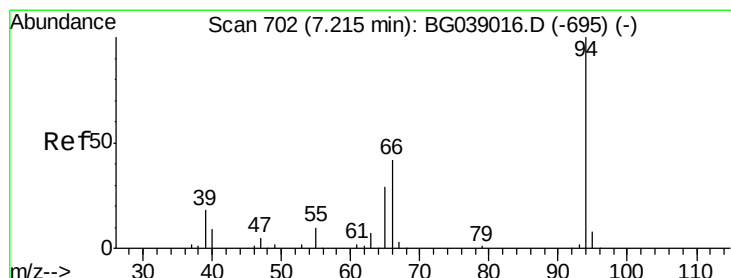
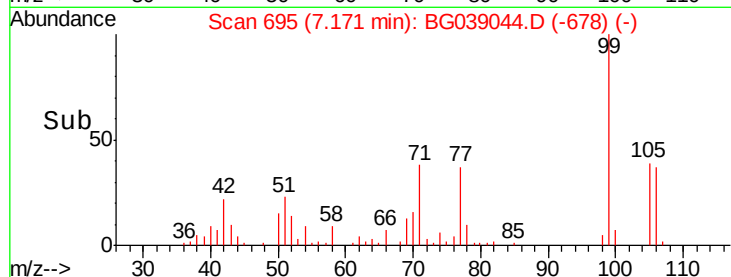
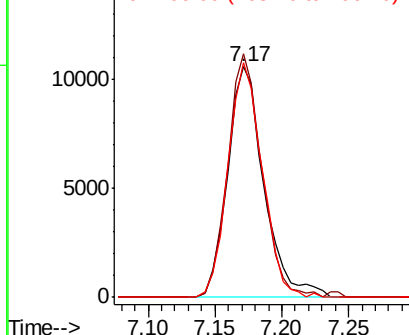
Tot Ion:	77	Resp:	20101
Ion Ratio	Lower	Upper	
77	100		
105	105.5	82.4	122.4
106	101.7	82.8	122.8

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



#10

Phenol

Concen: 41.179 ng

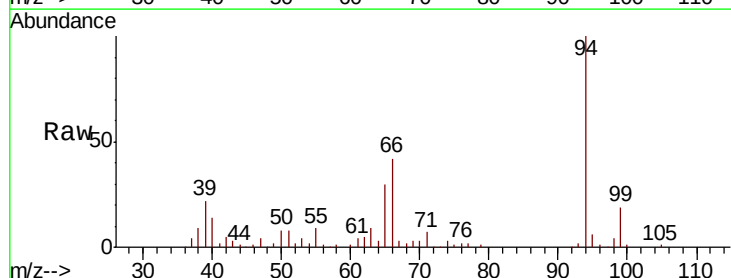
RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

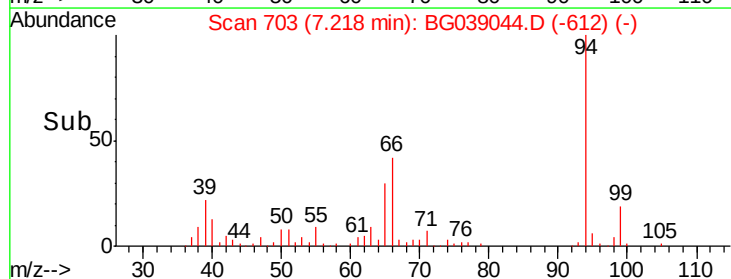
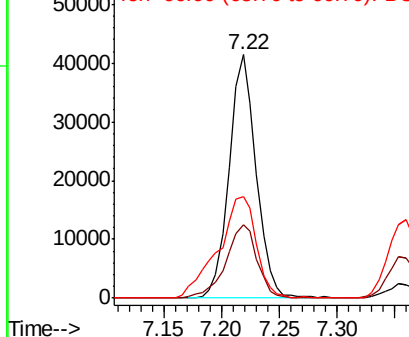
Lab File: BG039044.D

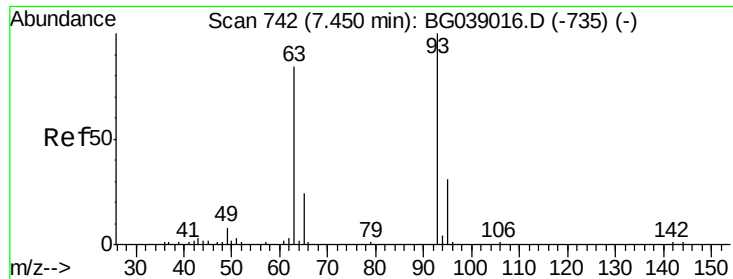
Acq: 10 Jan 2019 7:35

Tgt Ion:	94	Resp:	66854
Ion Ratio	Lower	Upper	
94	100		
65	30.4	10.3	50.3
66	41.6	25.1	65.1



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





#11

bis(2-Chloroethyl)ether

Concen: 41.599 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

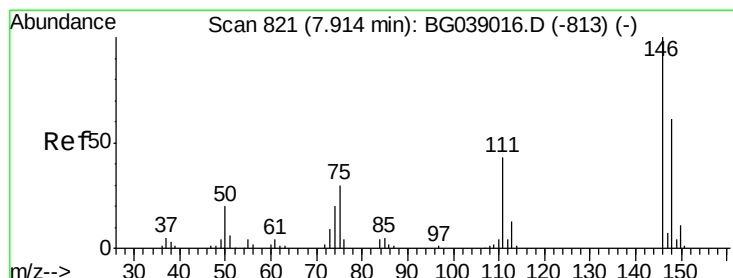
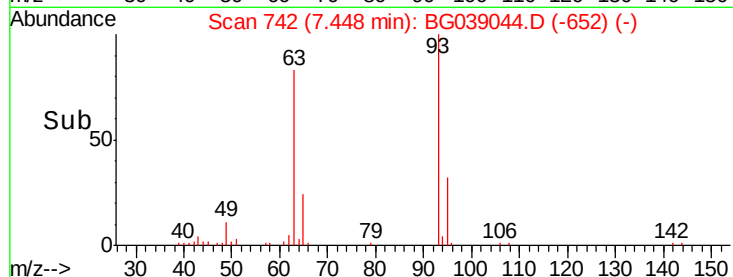
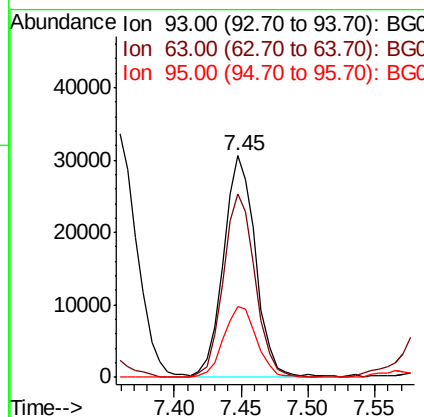
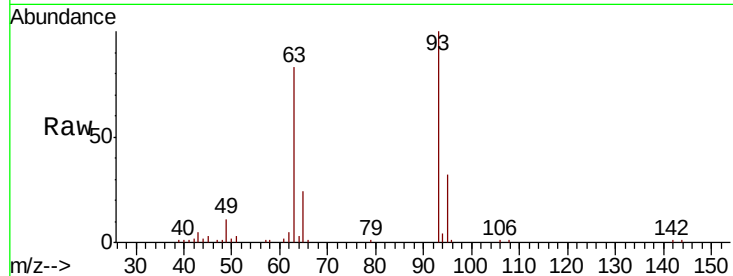
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	93	Resp:	51617
Ion	Ratio	Lower	Upper
93	100		
63	82.6	63.2	103.2
95	31.9	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.658 ng

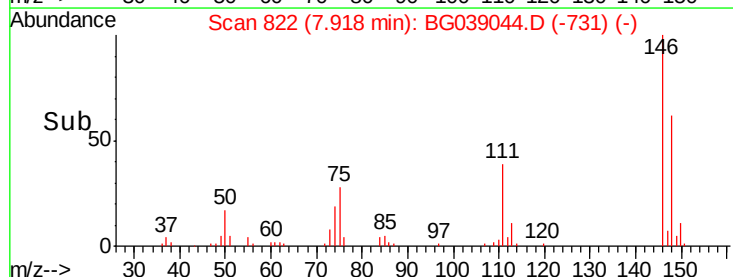
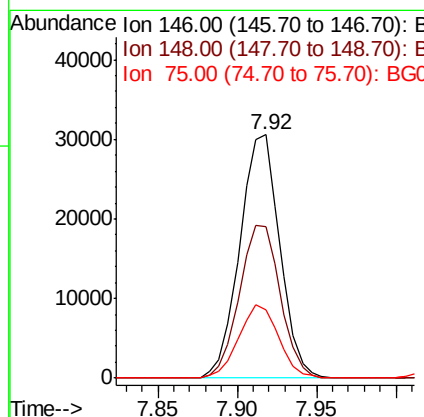
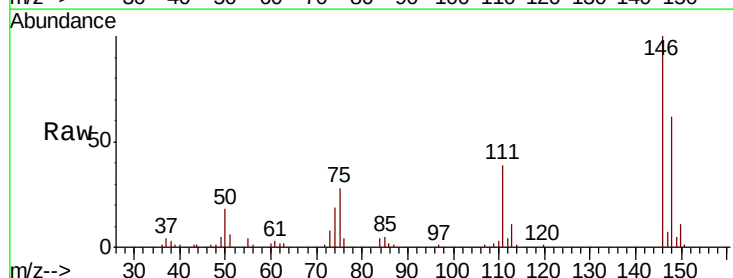
RT: 7.92 min Scan# 822

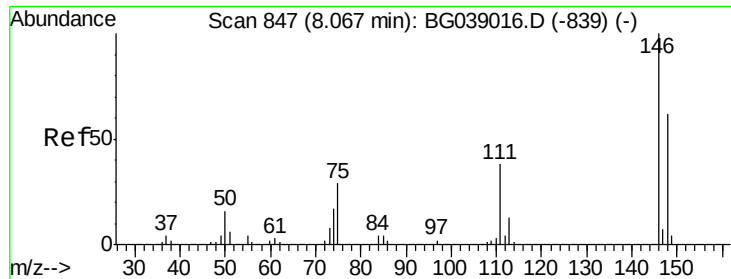
Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	146	Resp:	53488
Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.1	73.7
75	28.0	23.9	35.9





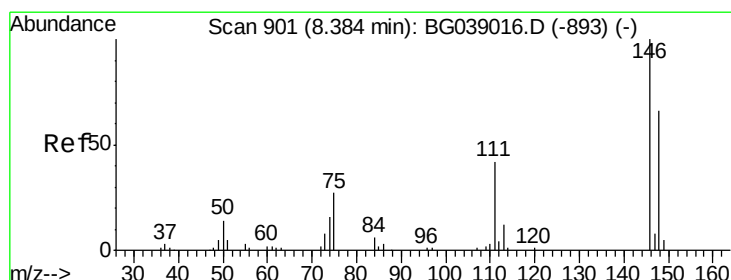
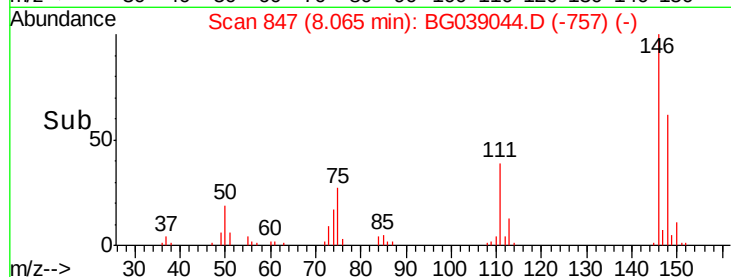
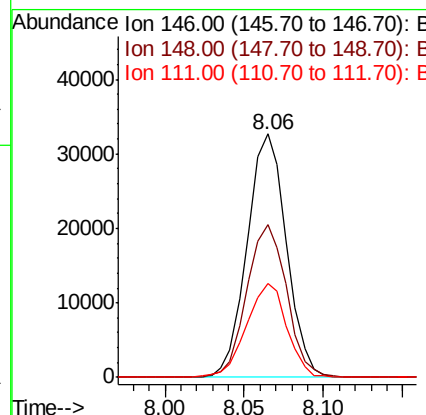
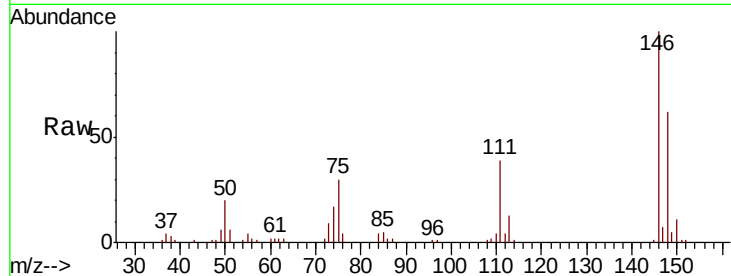
#13
 1,4-Dichlorobenzene
 Concen: 34.868 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.8	74.6
111	38.7	30.6	45.8

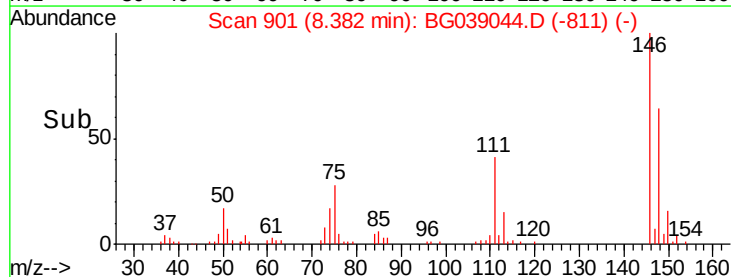
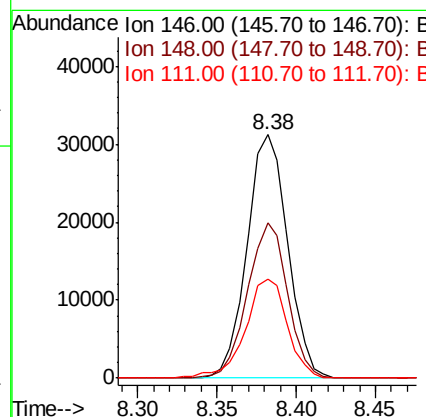
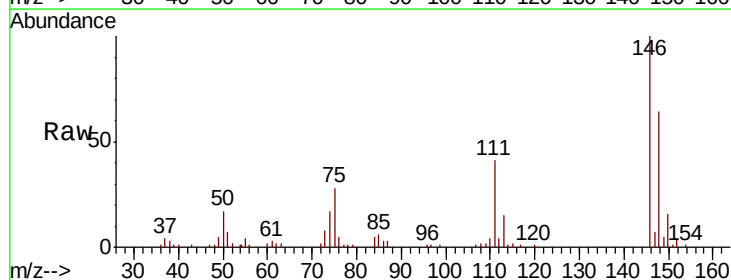
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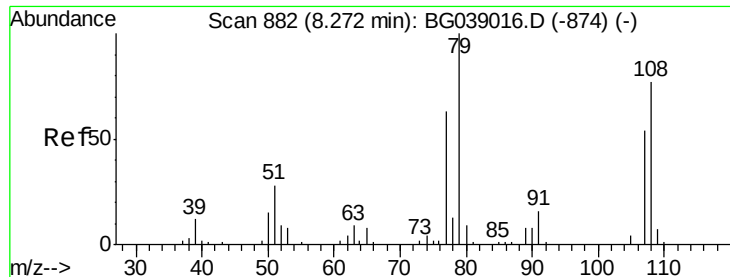
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.213 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	79.0
111	40.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 48.415 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

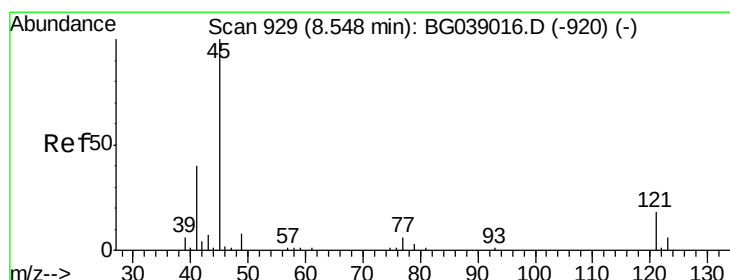
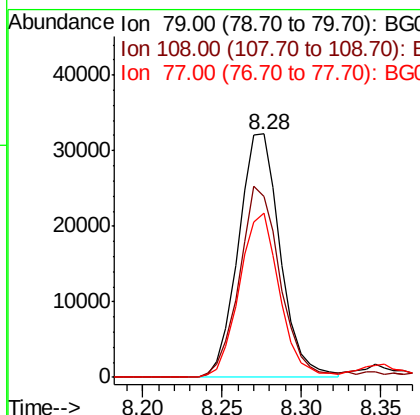
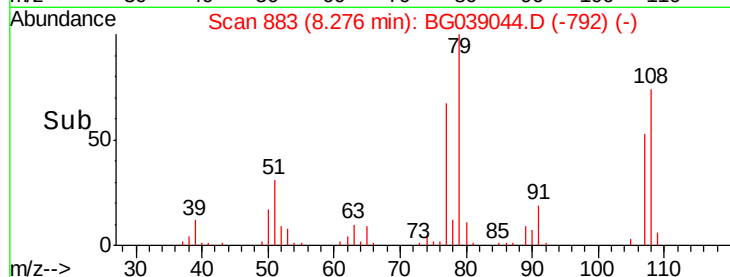
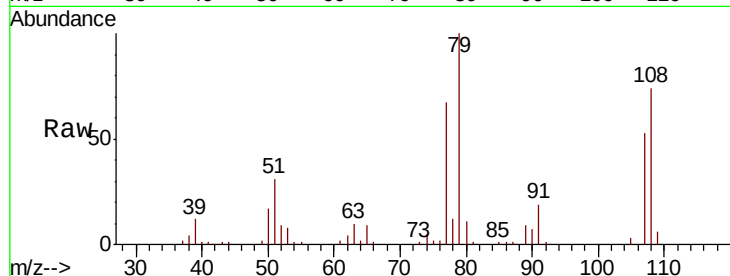
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	79	Resp:	59041
Ion Ratio	Lower	Upper	
79	100		
108	74.5	62.0	93.0
77	67.3	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.908 ng

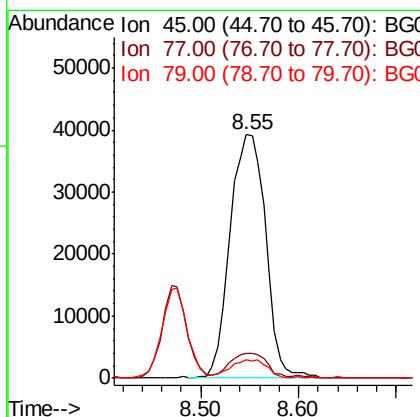
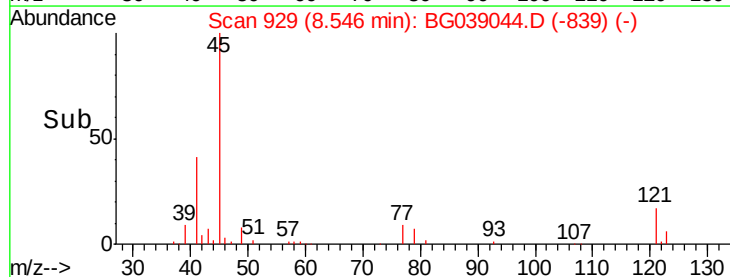
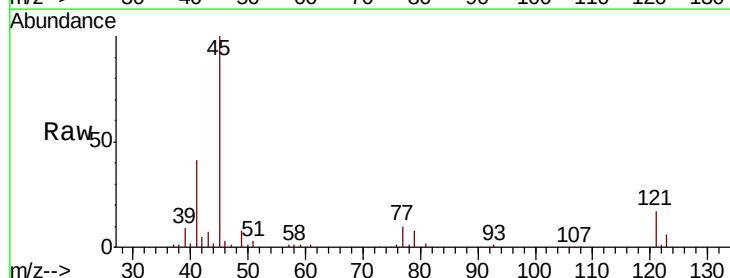
RT: 8.55 min Scan# 929

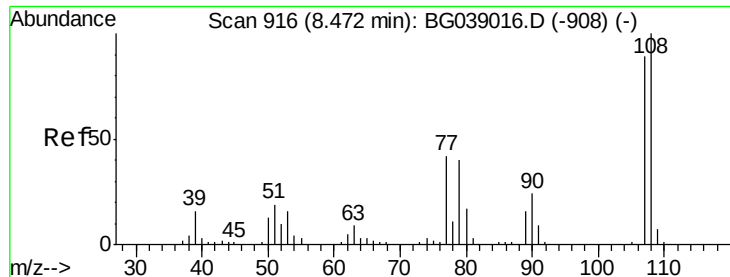
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	45	Resp:	99711
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.7
79	7.5	0.0	28.5





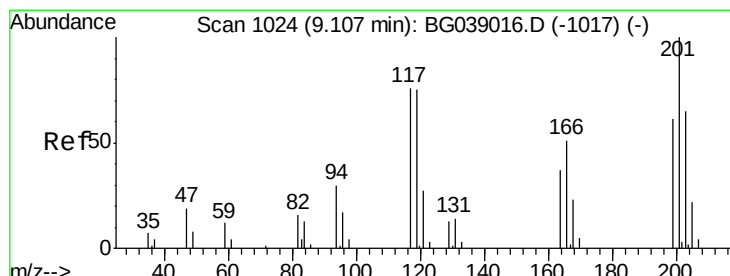
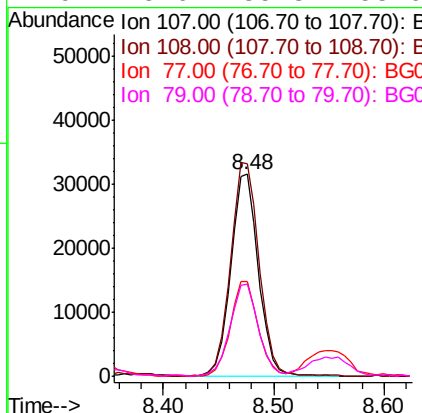
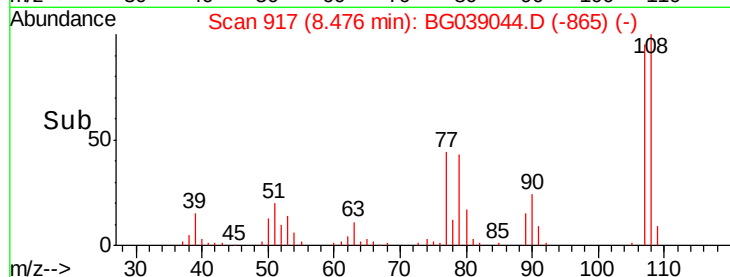
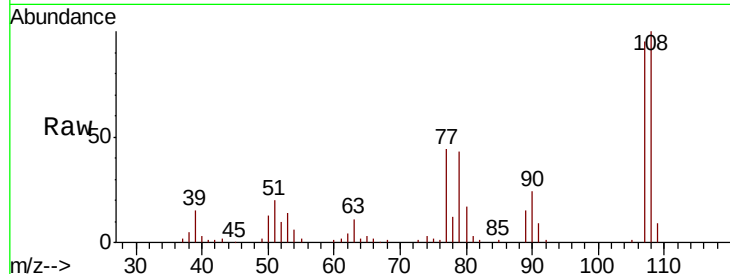
#17
2-Methylphenol
Concen: 49.154 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.3	90.3	135.5
77	46.8	38.3	57.5
79	45.6	35.8	53.6

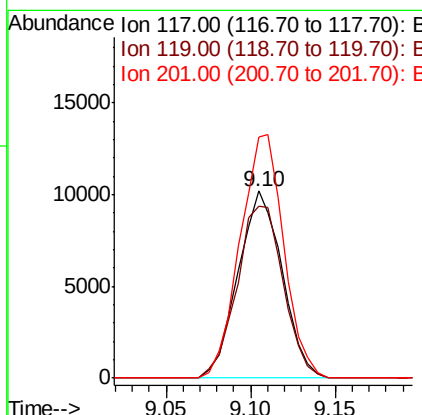
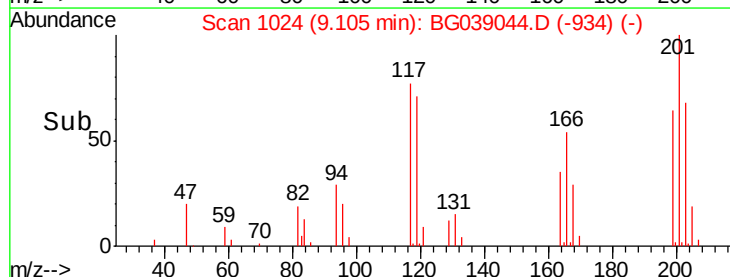
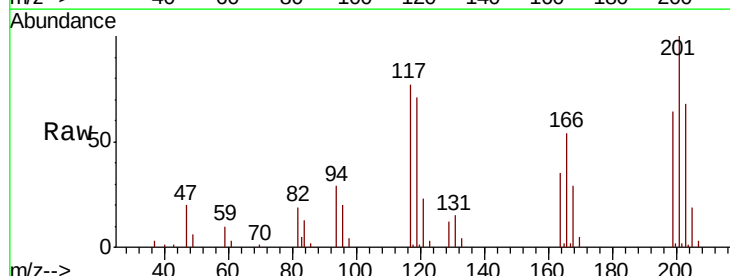
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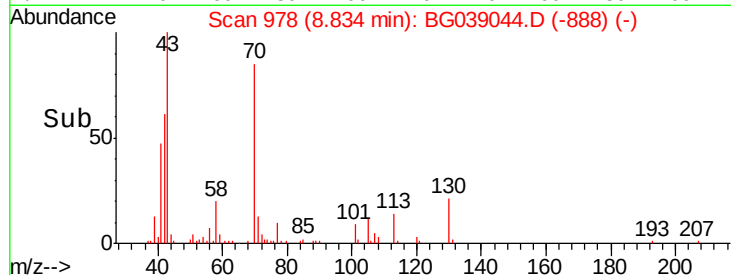
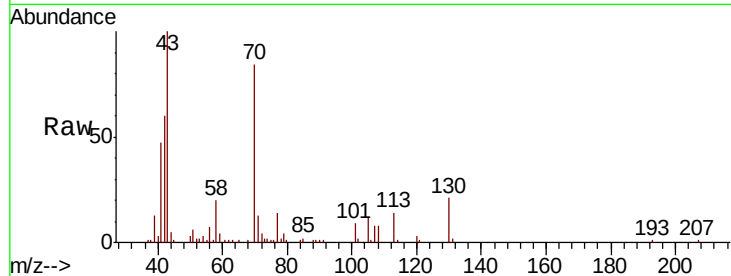
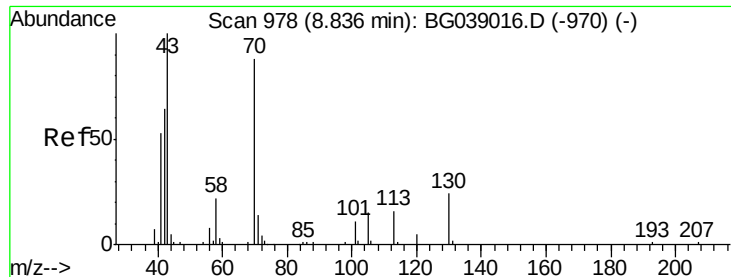
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#18
Hexachloroethane
Concen: 33.761 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	78.7	118.1
201	132.3	108.1	162.1





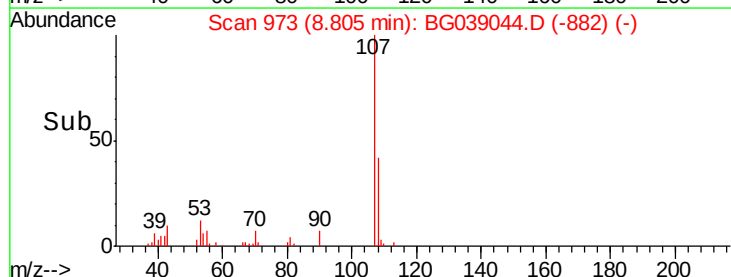
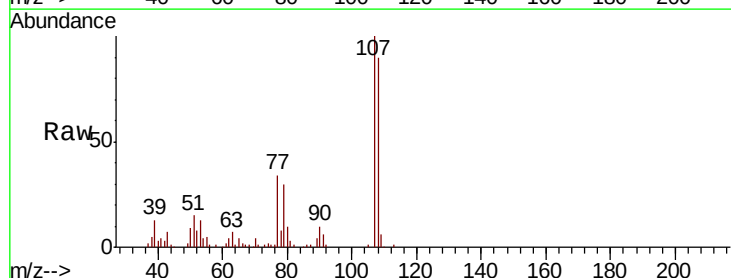
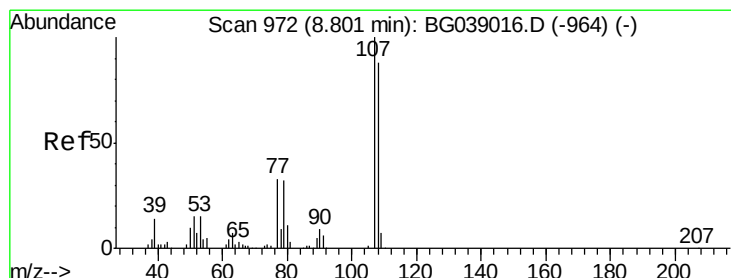
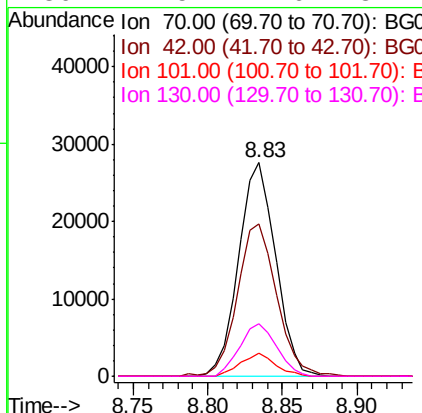
#19
n-Nitroso-di-n-propylamine
Concen: 44.527 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.3	59.0	88.4	
101	11.0	10.4	15.6	
130	24.5	21.6	32.4	

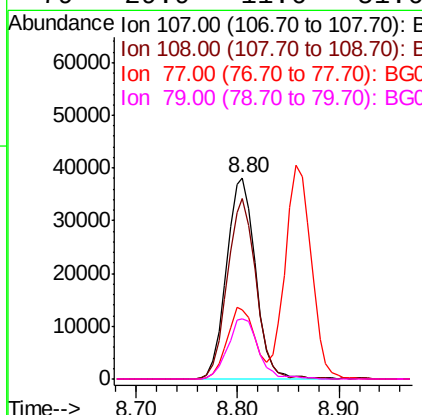
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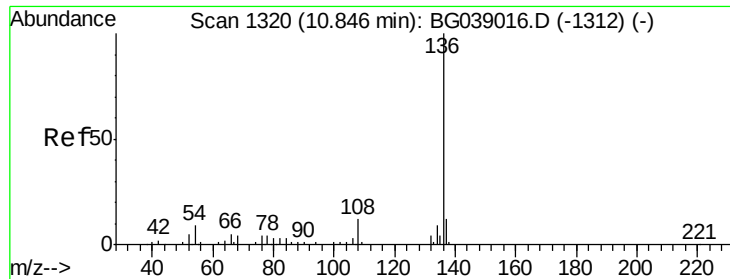
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#20
3+4-Methylphenols
Concen: 47.081 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	68.4	108.4	
77	34.2	13.3	53.3	
79	29.9	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

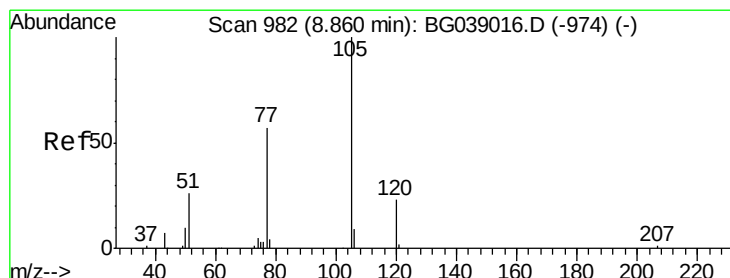
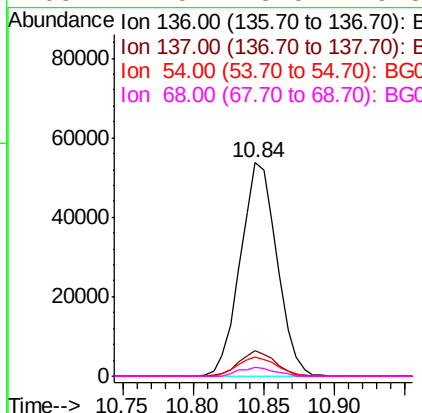
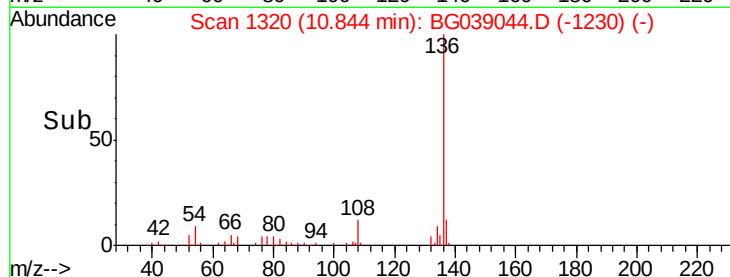
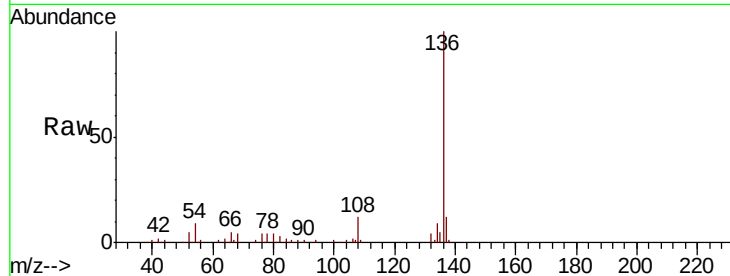
ClientSampleId :

JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	97512		
137	11.8		9.4	14.2
54	9.0		7.2	10.8
68	4.0		3.5	5.3

Manual Integrations
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#22

Acetophenone

Concen: 38.062 ng

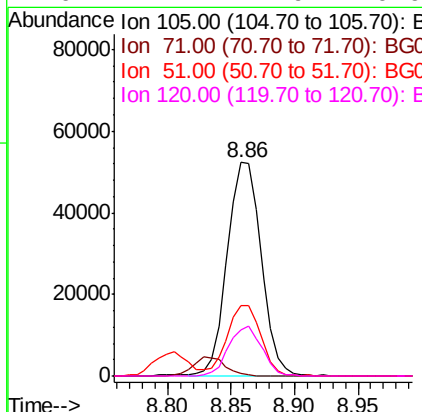
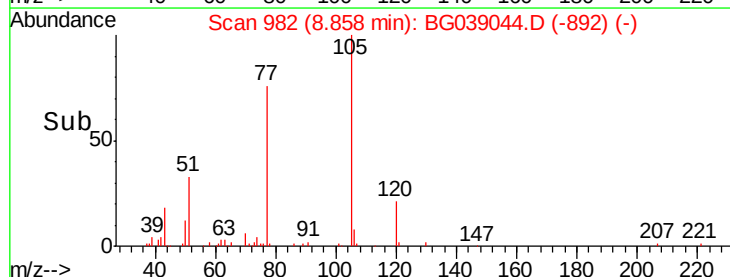
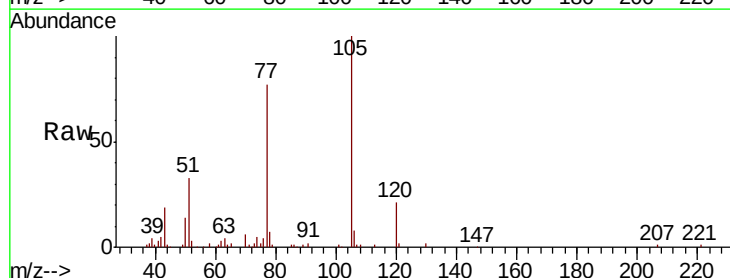
RT: 8.86 min Scan# 982

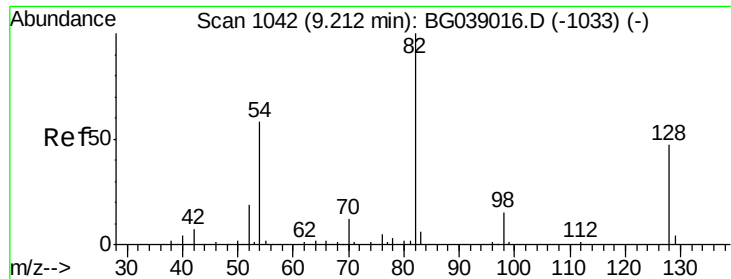
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96925		
71	1.2		0.6	1.0#
51	33.0		26.6	39.8
120	21.4		17.9	26.9





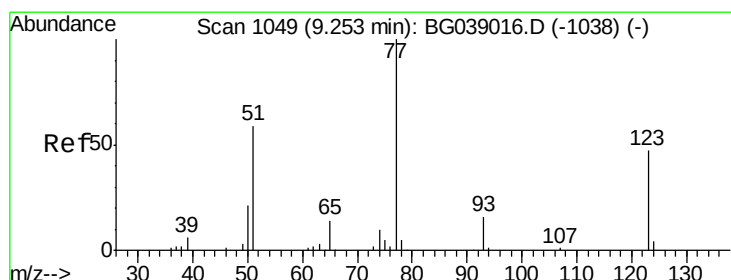
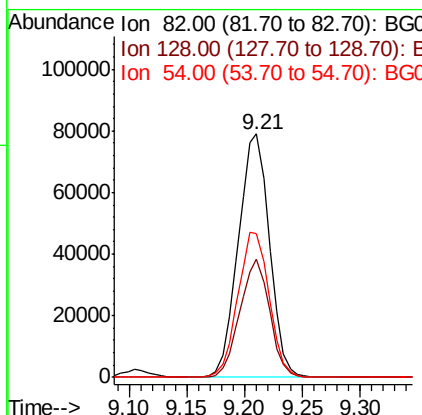
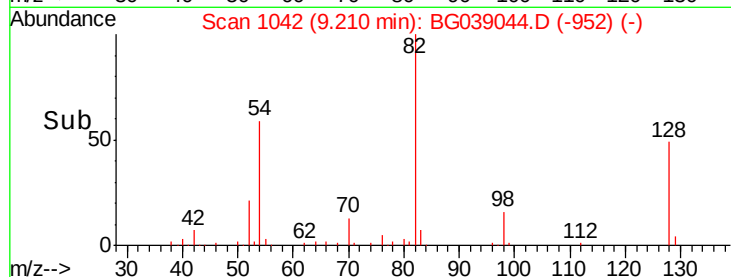
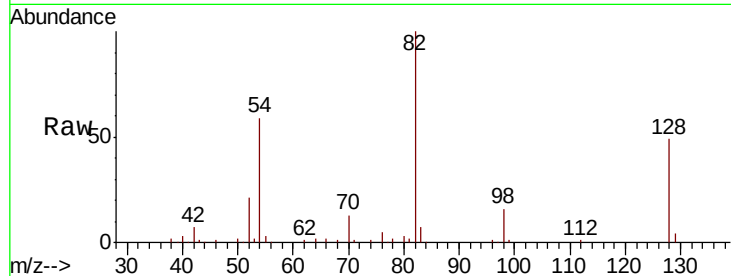
#23
 Nitrobenzene-d5
 Concen: 83.073 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.3	55.9
54	59.3	46.4	69.6

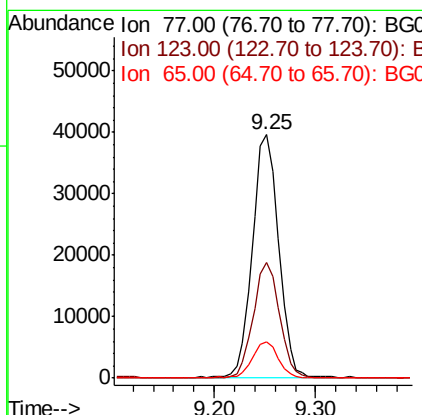
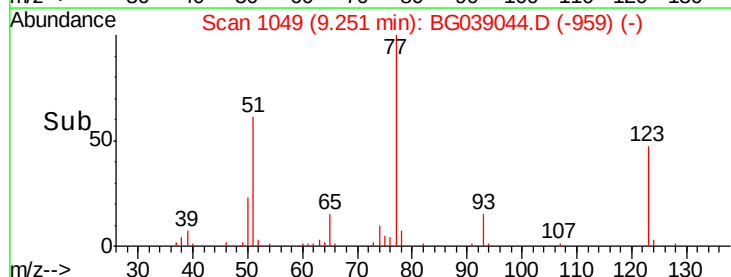
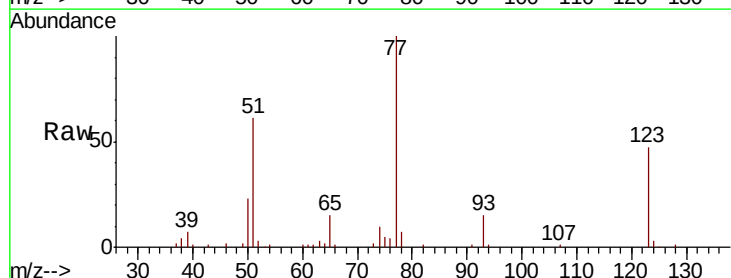
Manual Integrations
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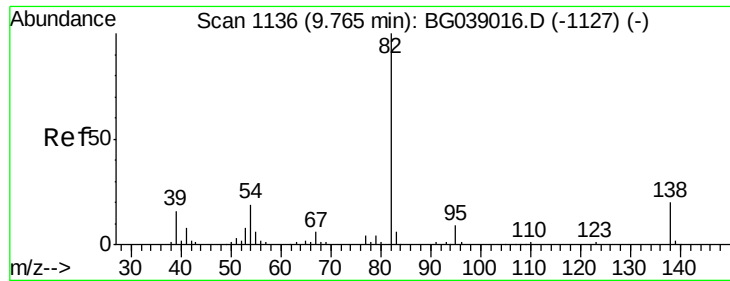
Sohil
 1/10/2019 3:15:28 PM



#24
 Nitrobenzene
 Concen: 39.701 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.6	56.4
65	15.0	11.0	16.6





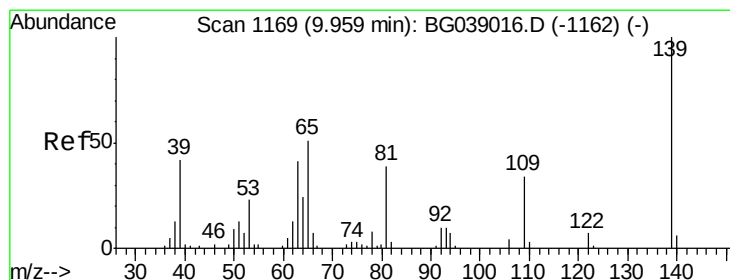
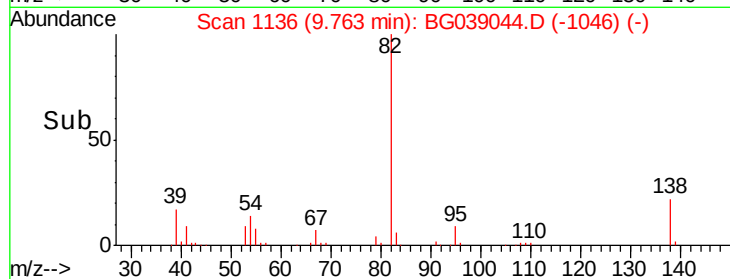
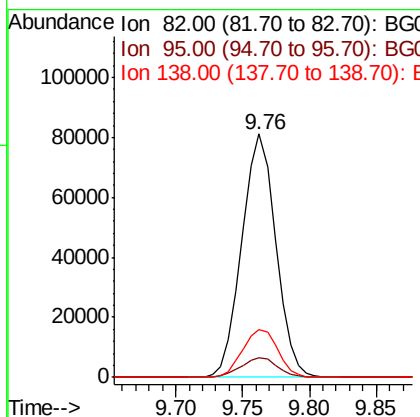
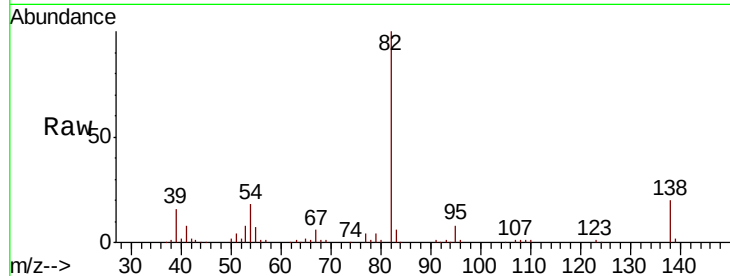
#25
Isophorone
Concen: 46.575 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	7.0	10.6
138	19.5	16.2	24.4

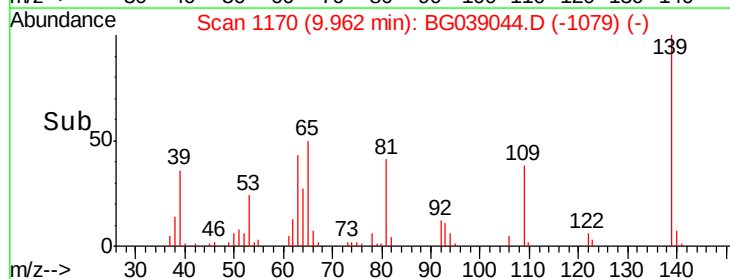
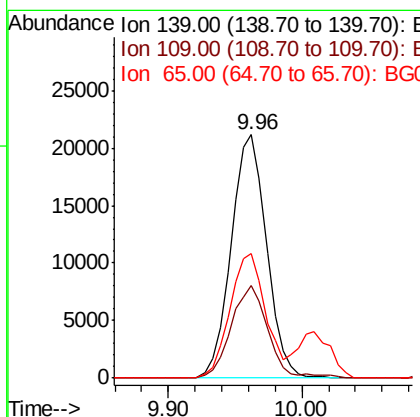
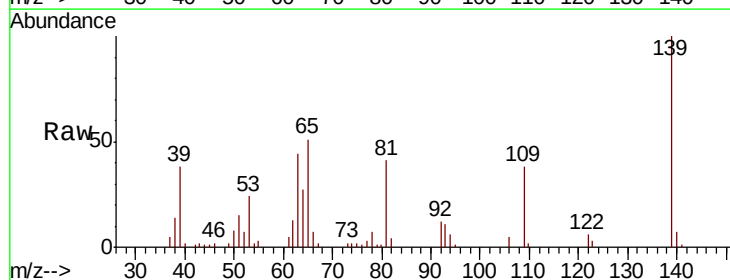
Manual Integrations
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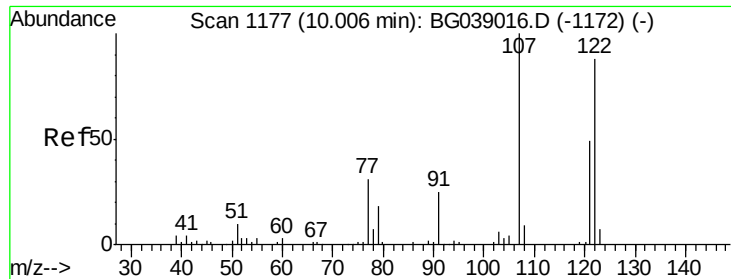
Sohil
1/10/2019 3:15:28 PM



#26
2-Nitrophenol
Concen: 39.951 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.0	27.3	40.9
65	51.2	40.6	61.0





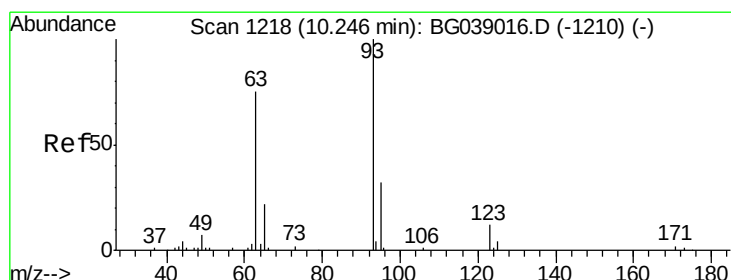
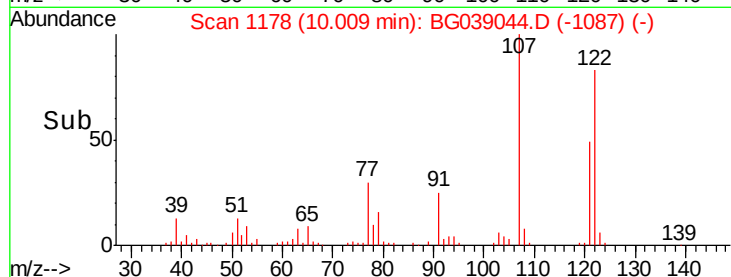
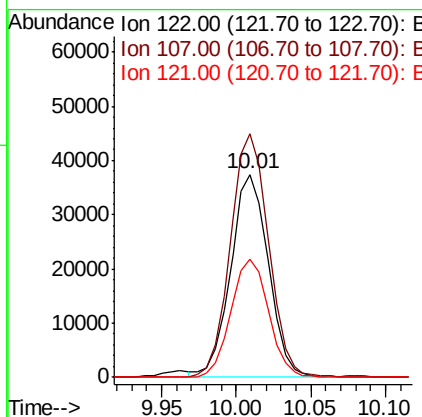
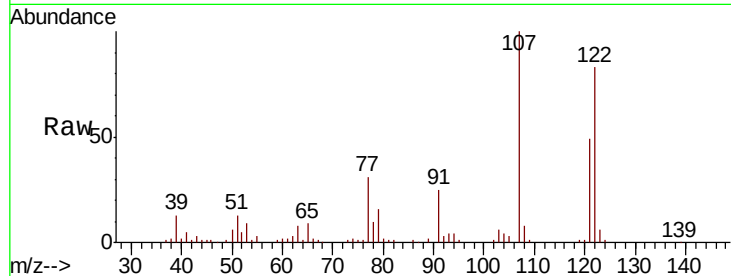
#27
2,4-Dimethylphenol
Concen: 48.153 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion: 122 Resp: 66003
Ion Ratio Lower Upper
122 100
107 119.8 88.8 133.2
121 58.2 43.1 64.7

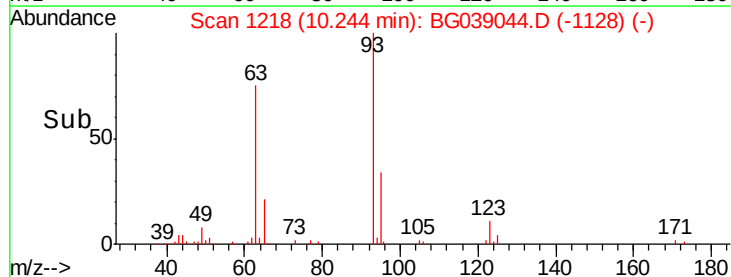
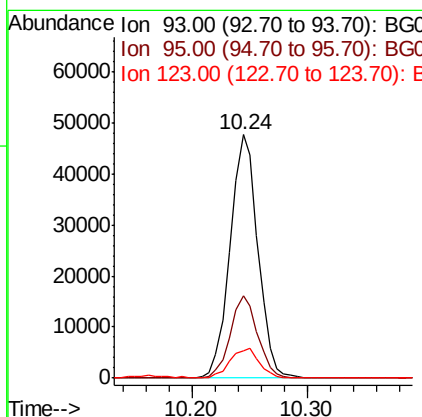
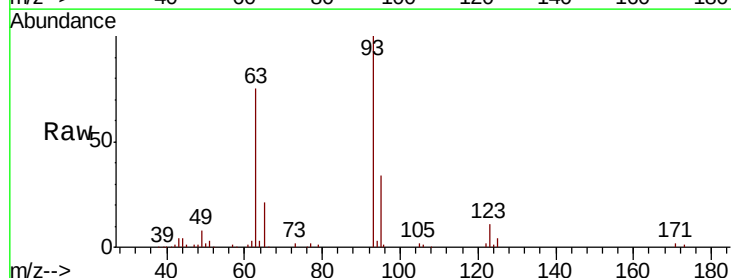
Manual Integrations
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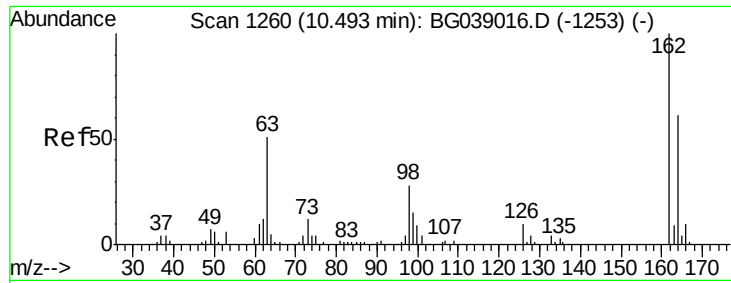
Sohil
1/10/2019 3:15:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.971 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion: 93 Resp: 79276
Ion Ratio Lower Upper
93 100
95 33.7 25.6 38.4
123 11.3 10.1 15.1





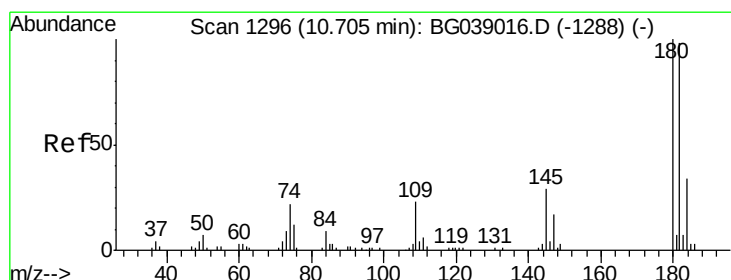
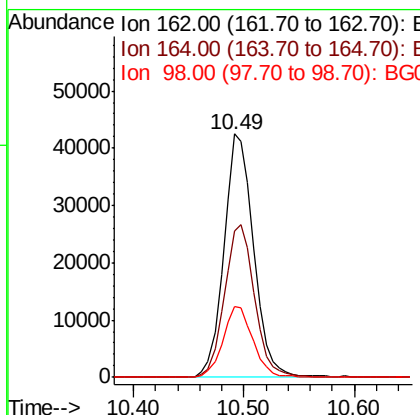
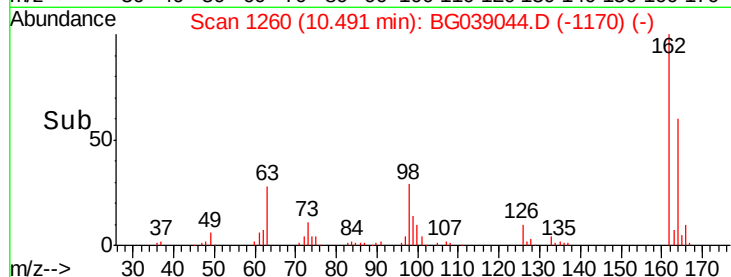
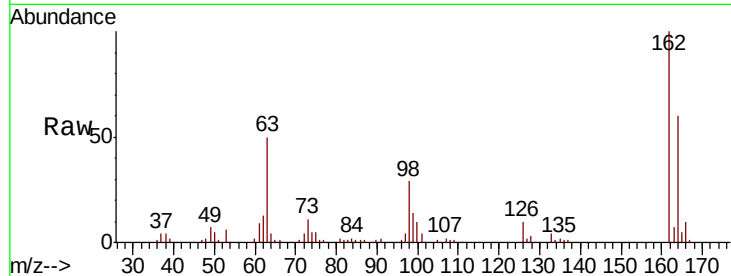
#29
 2,4-Dichlorophenol
 Concen: 46.816 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	41.3	81.3
98	29.0	8.3	48.3

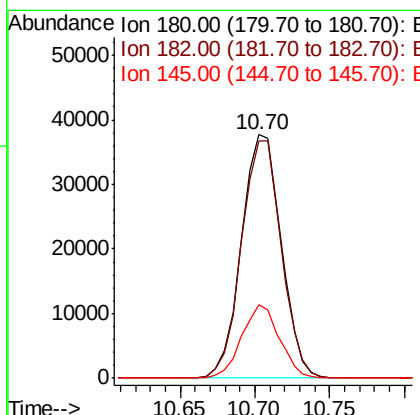
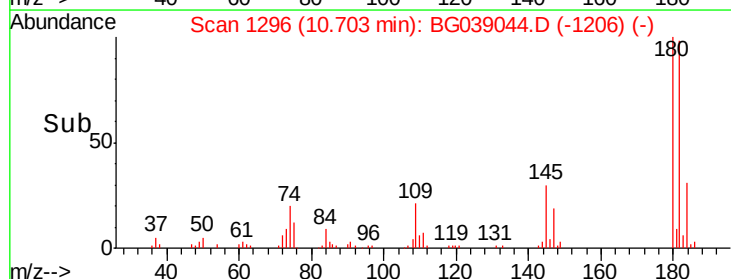
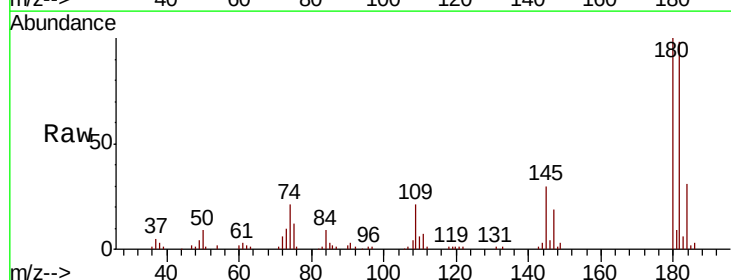
Manual Integrations
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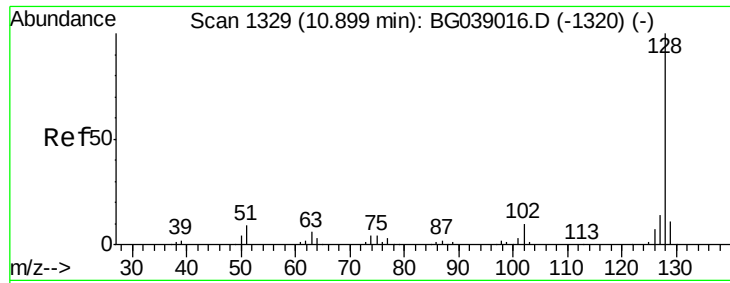
Sohil
 1/10/2019 3:15:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.879 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
145	30.0	23.1	34.7





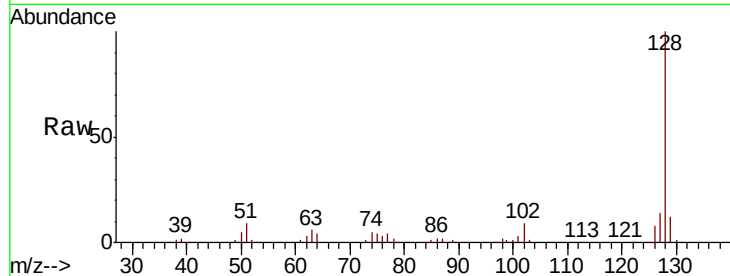
#31
Naphthalene
Concen: 38.782 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	189671		
129	11.7		9.1	13.7
127	13.9		11.2	16.8

Manual Integrations
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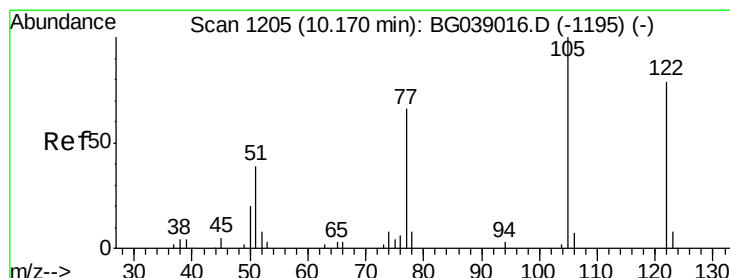
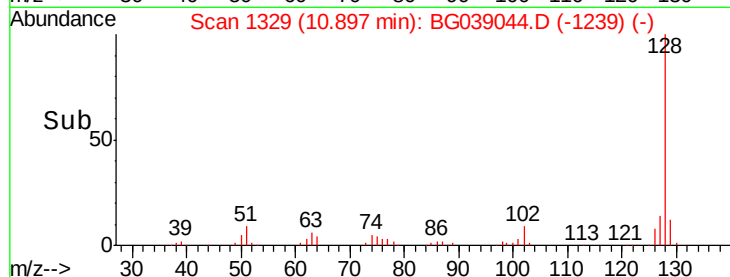
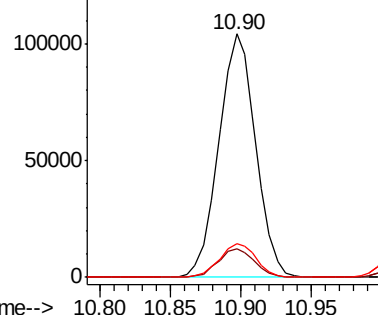


Abundance

Ion 128.00 (127.70 to 128.70): E

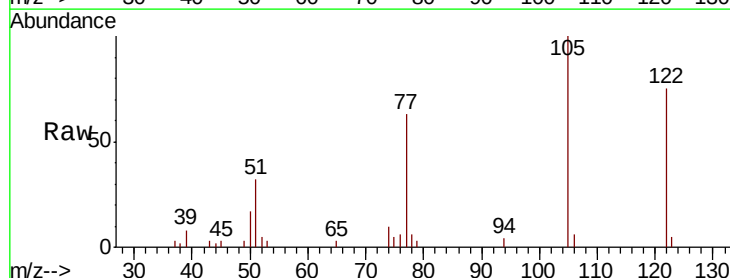
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.020 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18444		
105	132.6		106.4	146.4
77	83.5		63.6	103.6

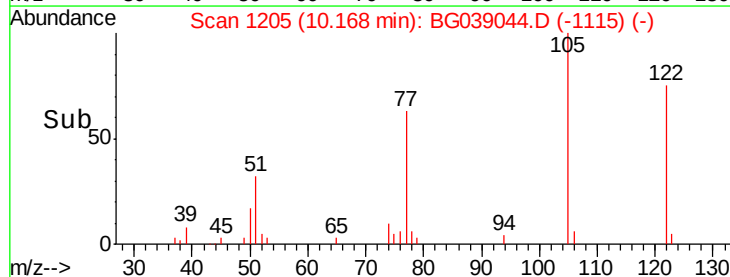
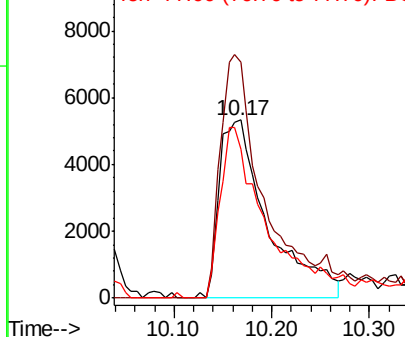


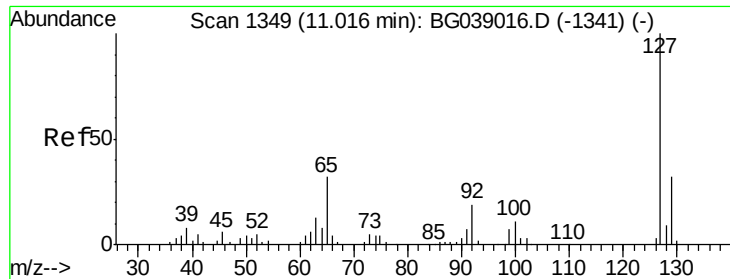
Abundance

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





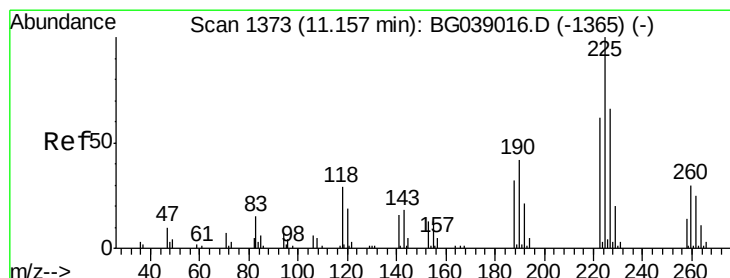
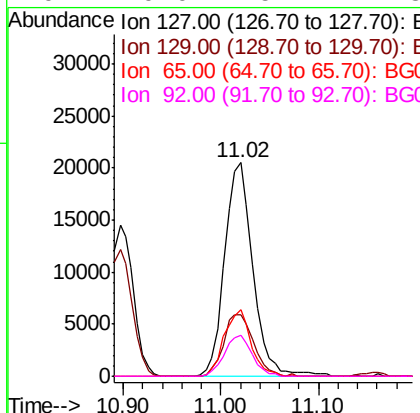
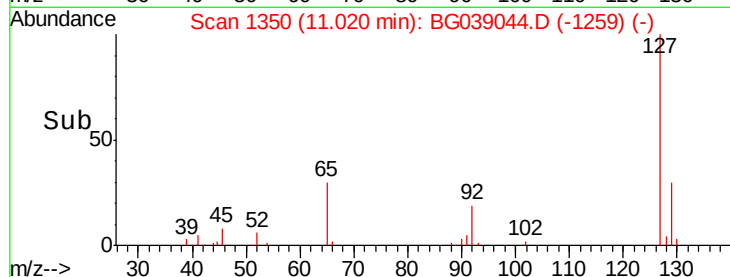
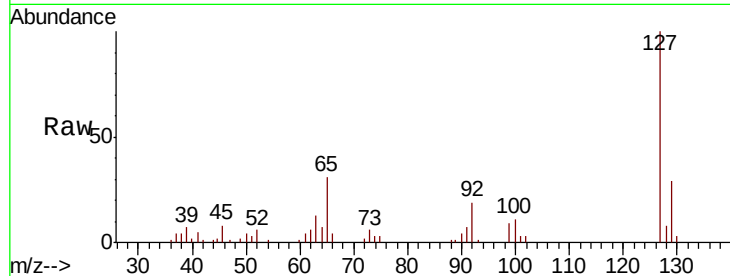
#33
4-Chloroaniline
Concen: 18.796 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.4	38.0
65	31.3	25.4	38.0
92	19.0	15.2	22.8

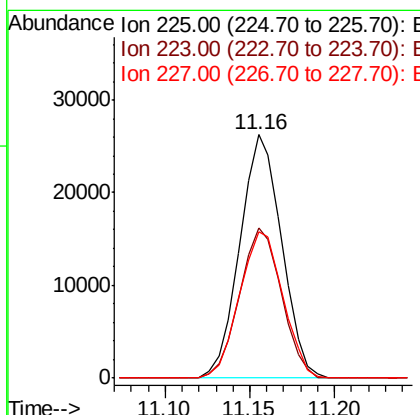
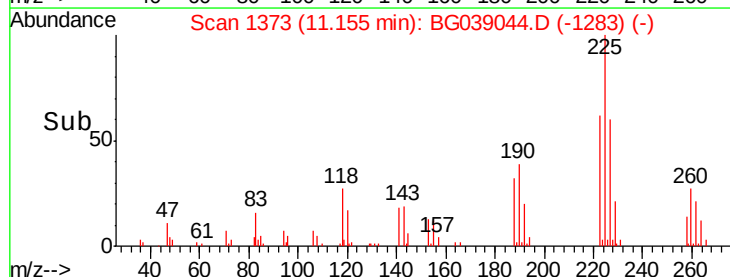
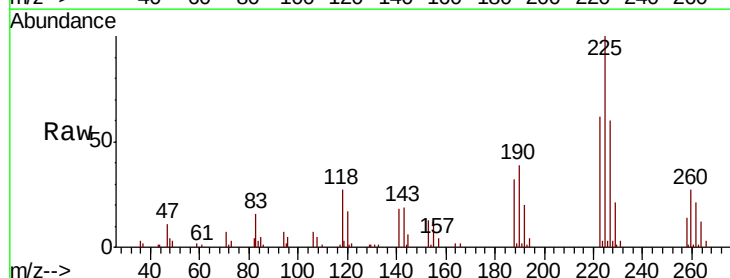
Manual Integrations
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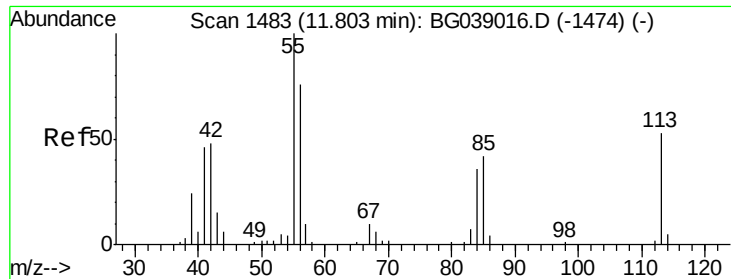
Sohil
1/10/2019 3:15:28 PM



#34
Hexachlorobutadiene
Concen: 32.022 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.2	75.4
227	61.0	53.2	79.8





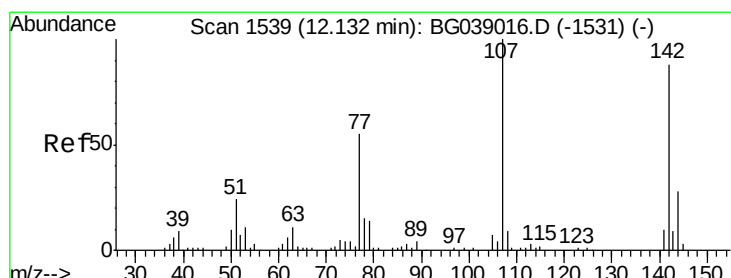
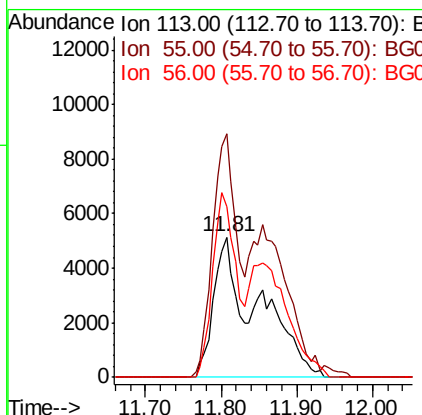
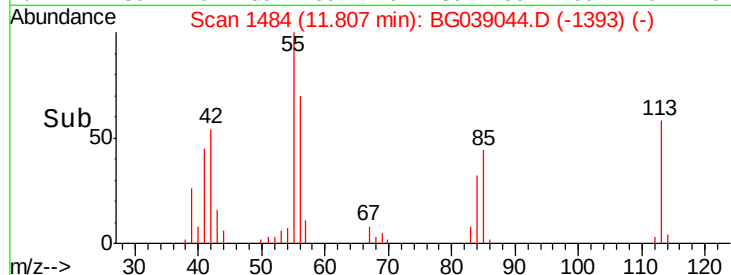
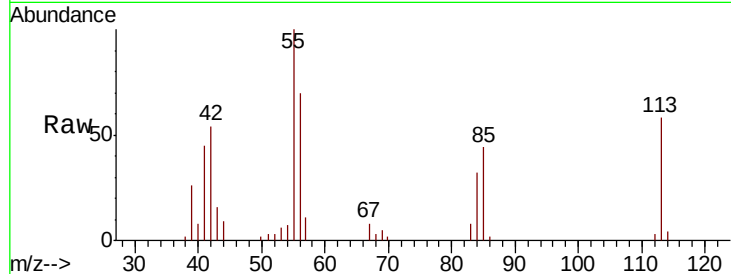
#35
 Caprolactam
 Concen: 30.338 ng/ml
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.7	168.6	208.6
56	121.3	123.2	163.2

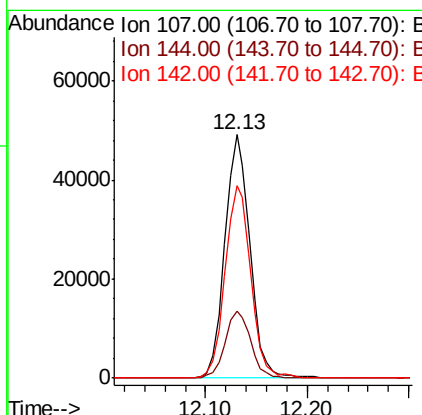
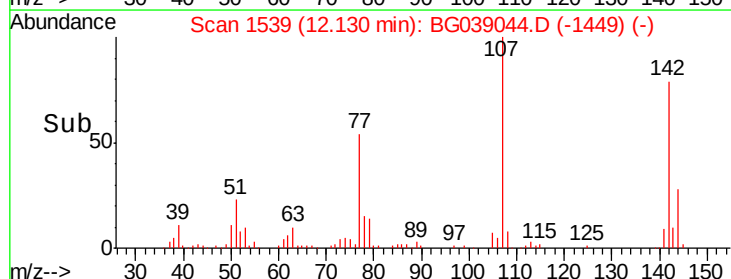
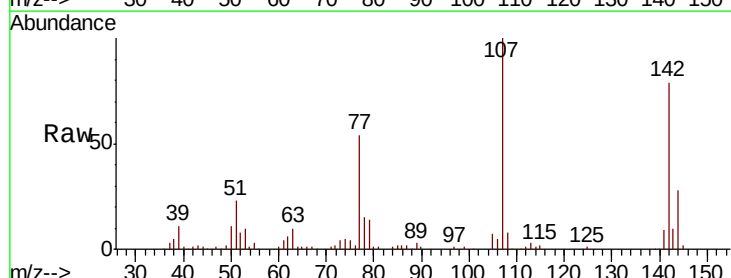
Manual Integrations
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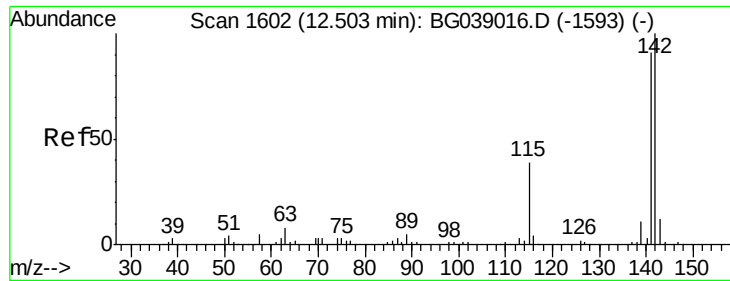
Sohil
 1/10/2019 3:15:28 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.056 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.6	34.0
142	79.0	70.2	105.4





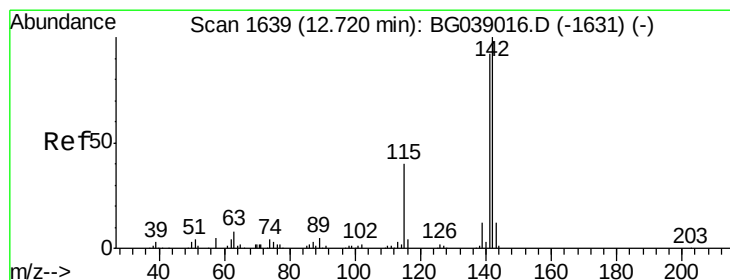
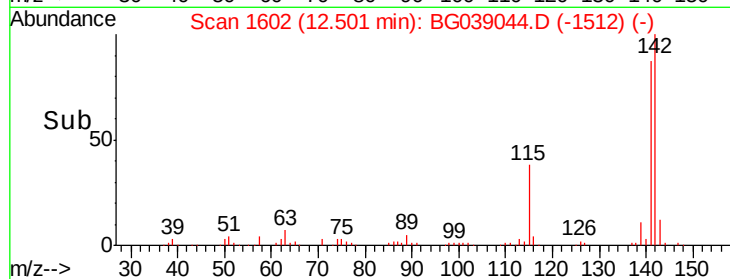
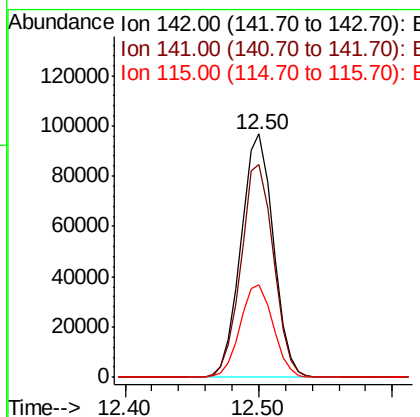
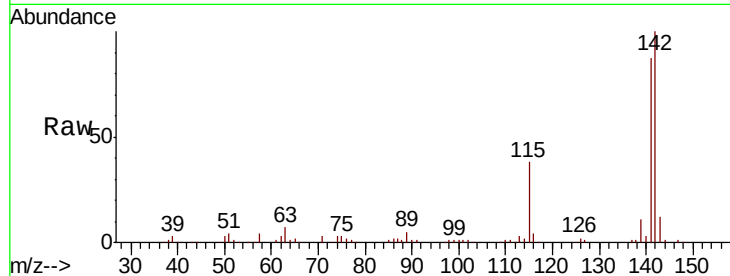
#37
2-Methylnaphthalene
Concen: 44.412 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.6	109.0
115	37.9	31.1	46.7

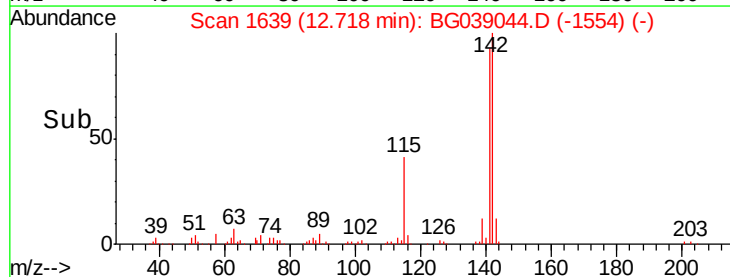
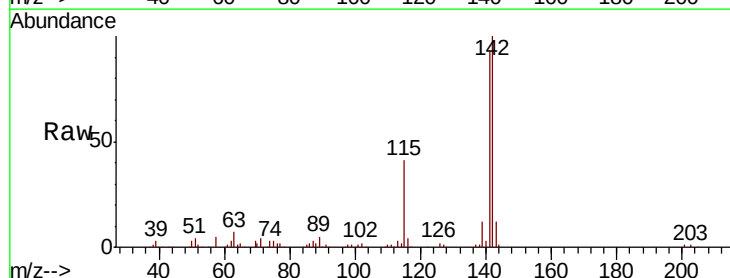
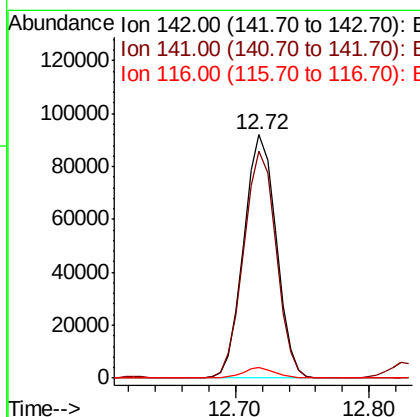
Manual Integrations
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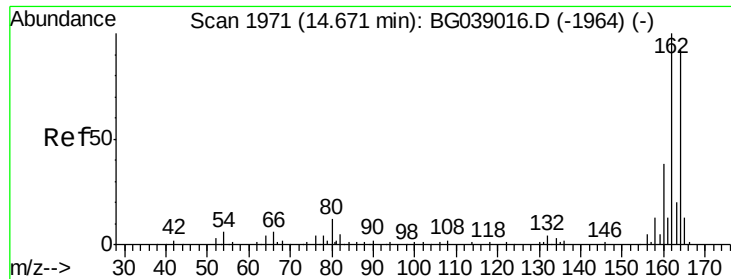
Sohil
1/10/2019 3:15:28 PM



#38
1-Methylnaphthalene
Concen: 43.982 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

Tot Ion:164 Resp: 77154

Ion Ratio Lower Upper

164 100

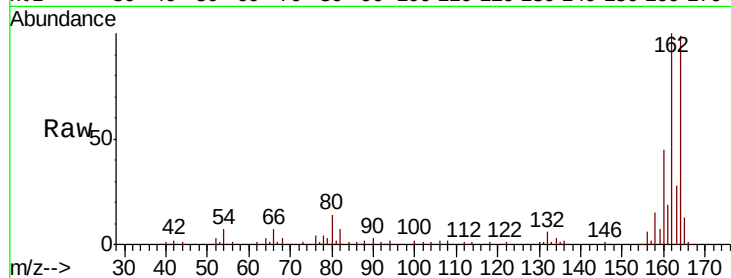
162 100.8 87.2 130.8

160 45.5 33.3 49.9

Manual Integrations
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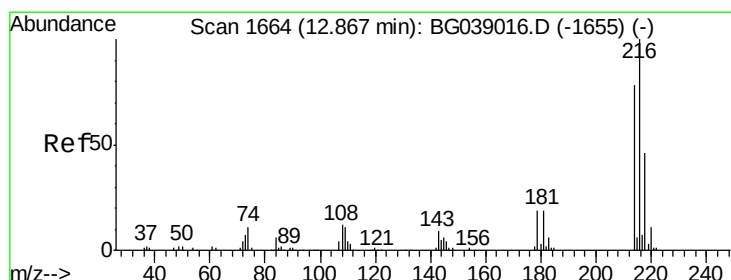
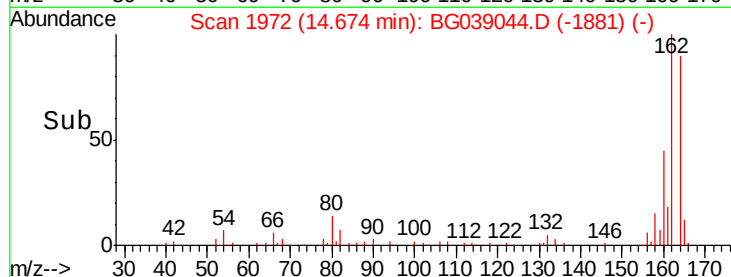
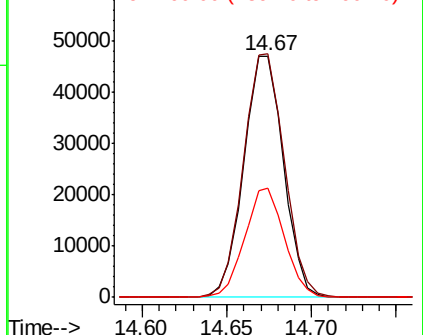


Abundance

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: 35.832 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:216 Resp: 103827

Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.9 15.5 23.3

108 15.7 11.4 17.2

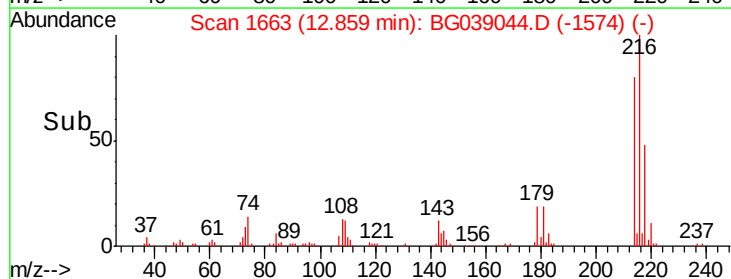
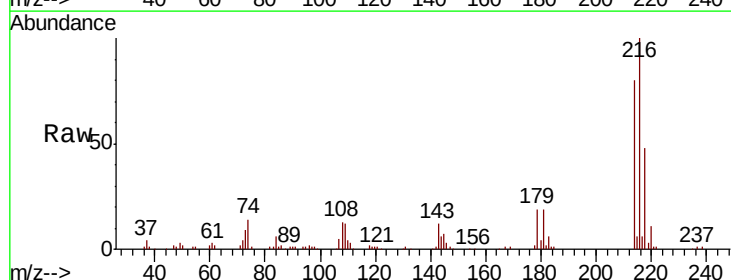
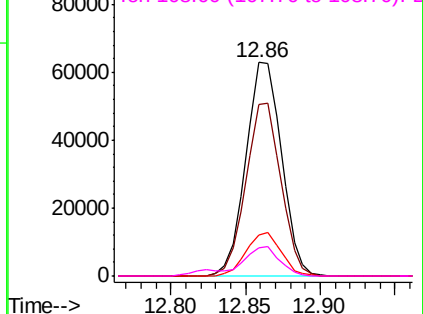
Abundance

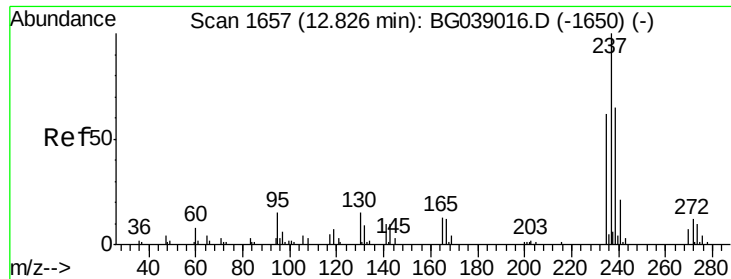
Ion 216.00 (215.70 to 216.70): E

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: 60.381 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

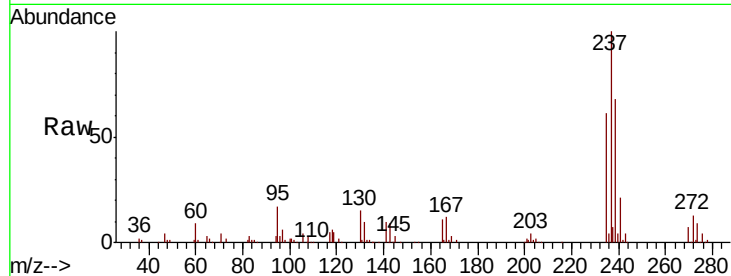
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	237	Resp:	96065
Ion Ratio	Lower	Upper	
237	100		
235	61.1	41.7	81.7
272	12.8	0.0	32.1

Manual Integrations
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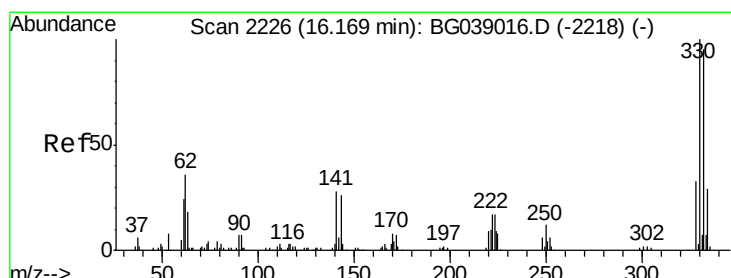
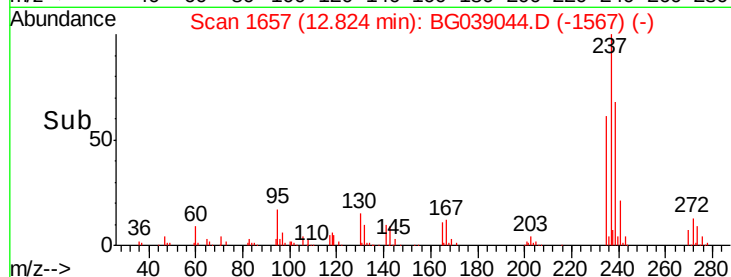
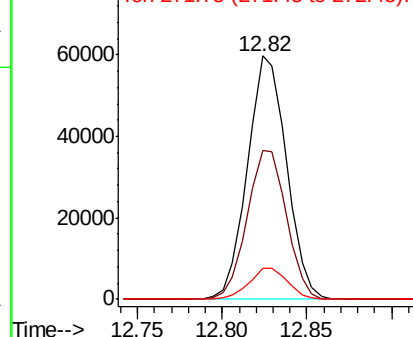


Abundance

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: 138.477 ng

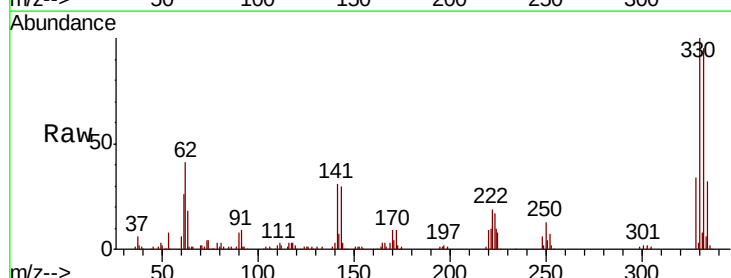
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	330	Resp:	179094
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	31.3	24.9	37.3

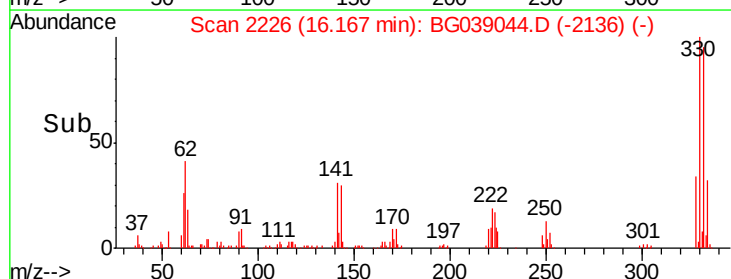
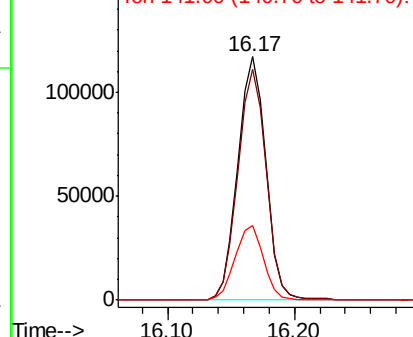


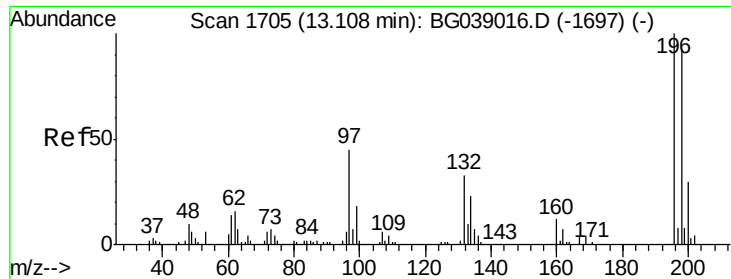
Abundance

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





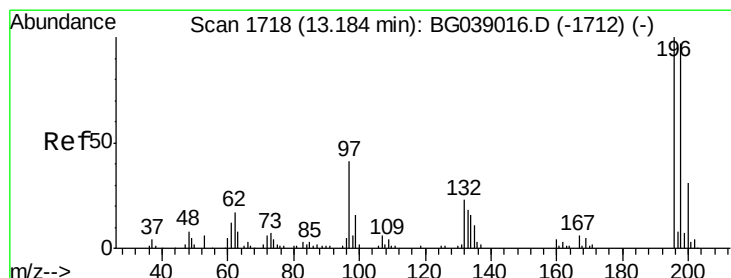
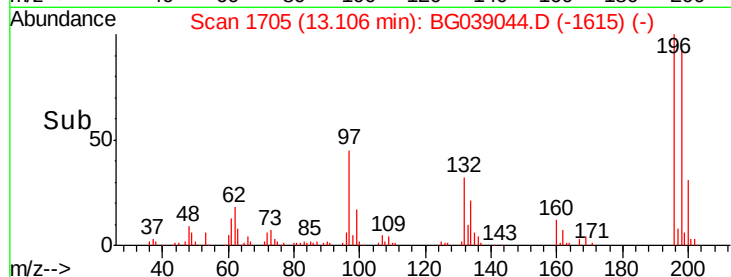
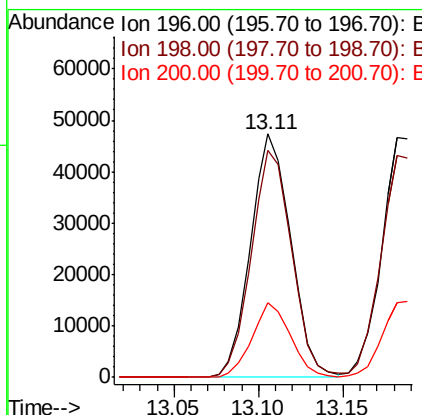
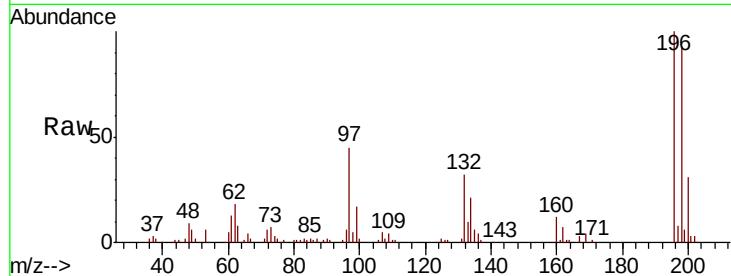
#43
 2,4,6-Trichlorophenol
 Concen: 42.954 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.5	111.7
200	30.5	23.8	35.6

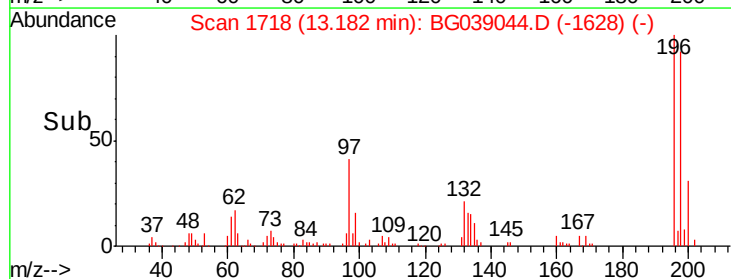
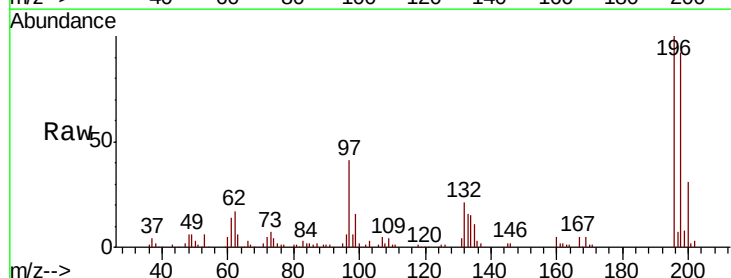
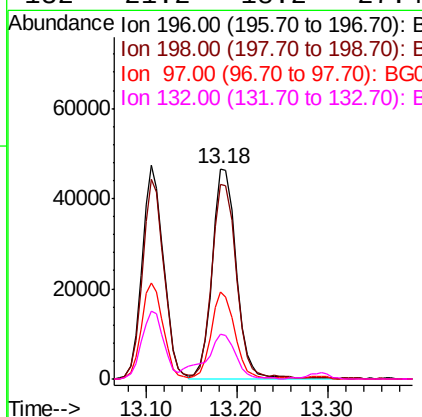
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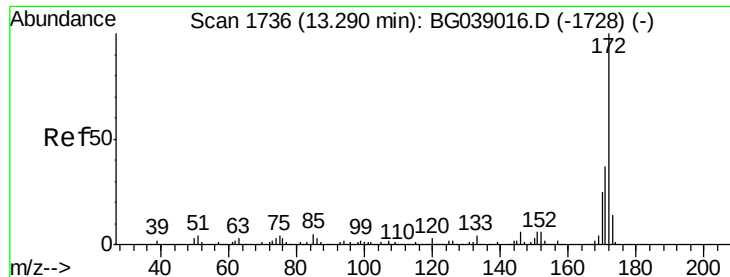
Sohil
 1/10/2019 3:15:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.905 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	78.1	117.1
97	41.2	33.2	49.8
132	21.2	18.2	27.4





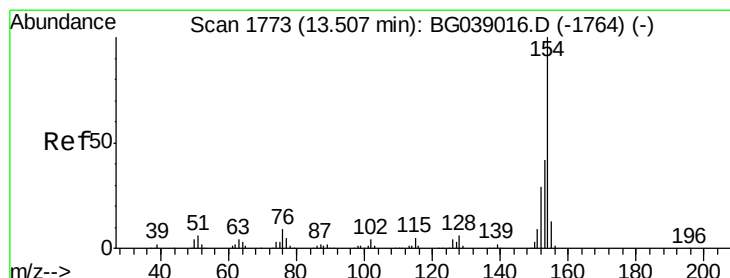
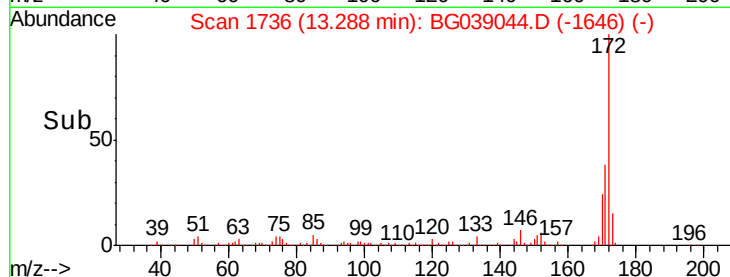
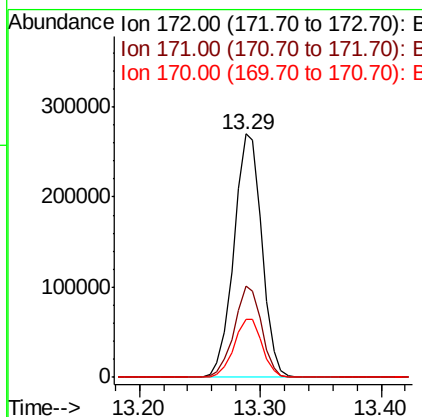
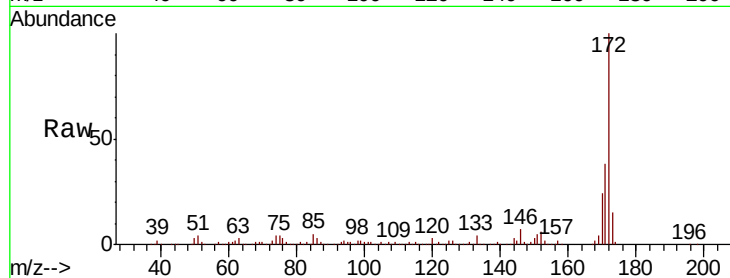
#45
2-Fluorobiphenyl
Concen: 76.896 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	24.0	20.1	30.1

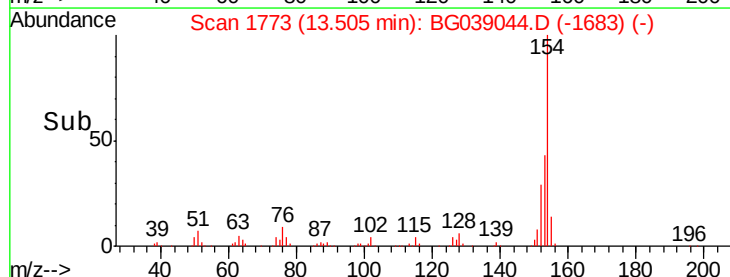
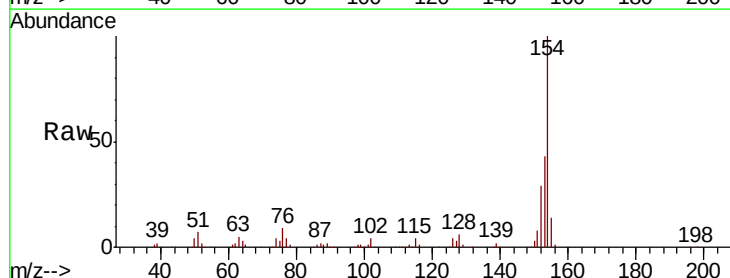
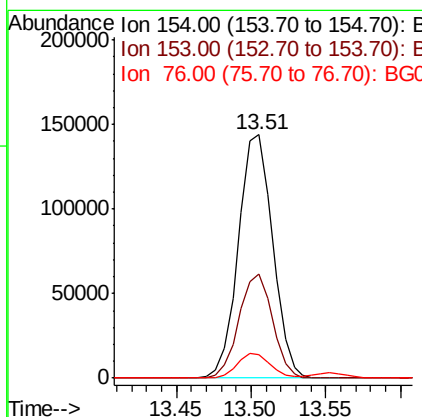
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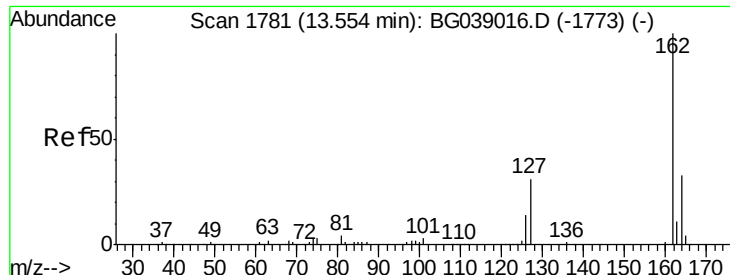
Sohil
1/10/2019 3:15:28 PM



#46
1,1'-Biphenyl
Concen: 37.602 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.4	62.4
76	9.4	0.0	29.4





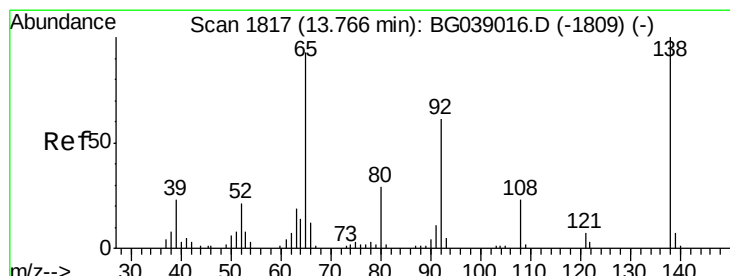
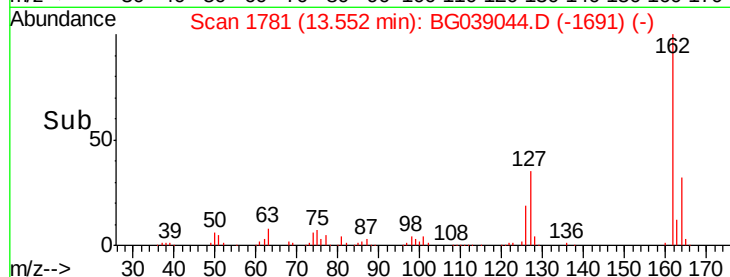
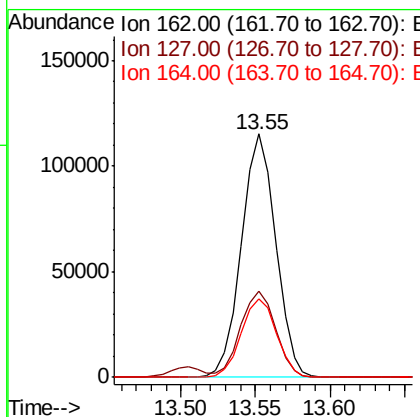
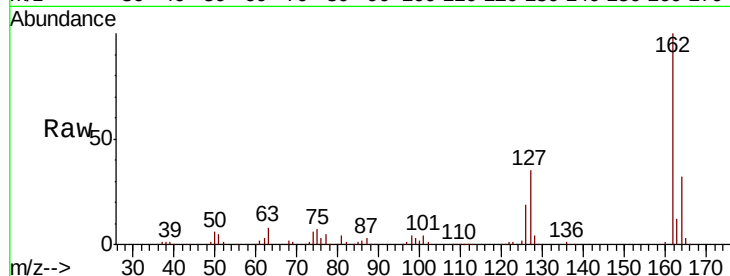
#47
 2-Chloronaphthalene
 Concen: 37.172 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183900		
127	35.4	28.4	42.6	
164	32.4	26.3	39.5	

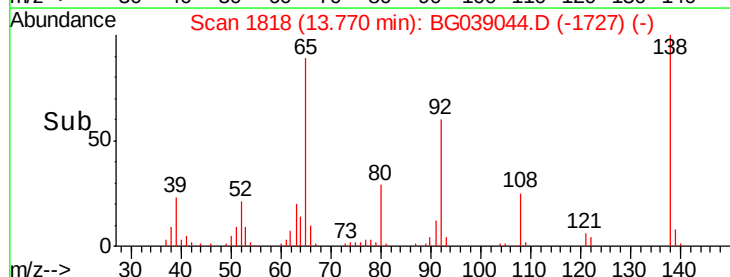
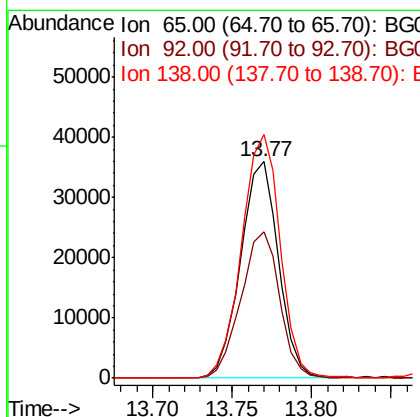
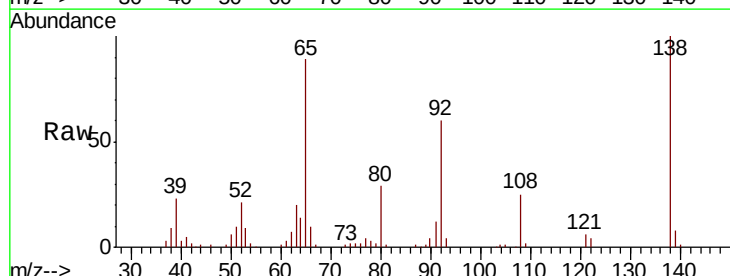
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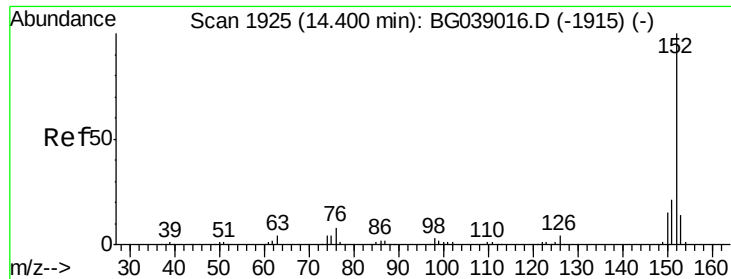
Sohil
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#48
 2-Nitroaniline
 Concen: 43.019 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	59623		
92	67.6	52.2	78.4	
138	112.6	86.0	129.0	





#49

Acenaphthylene

Concen: 42.541 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

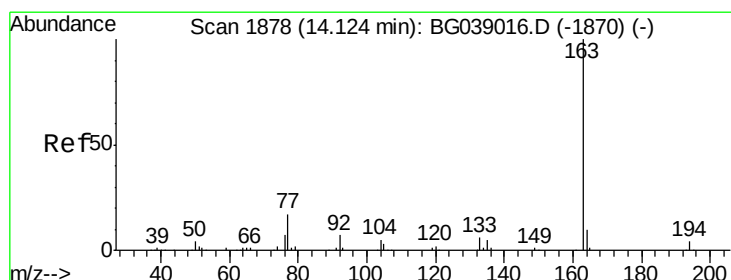
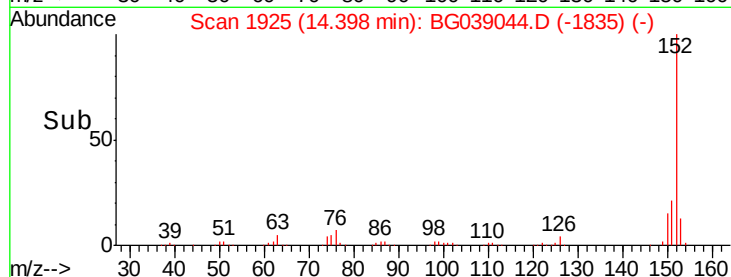
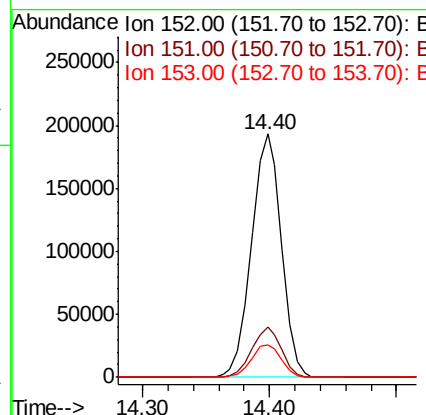
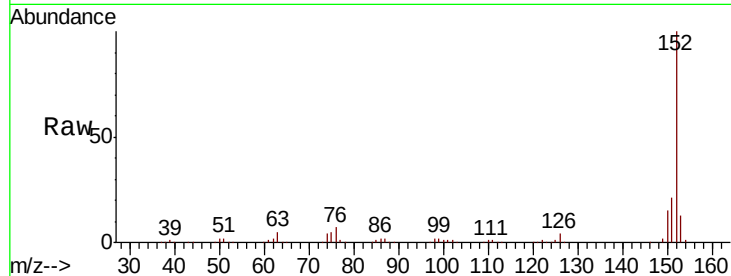
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	152	Resp:	316336
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	13.4	11.2	16.8

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#50

Dimethylphthalate

Concen: 42.758 ng

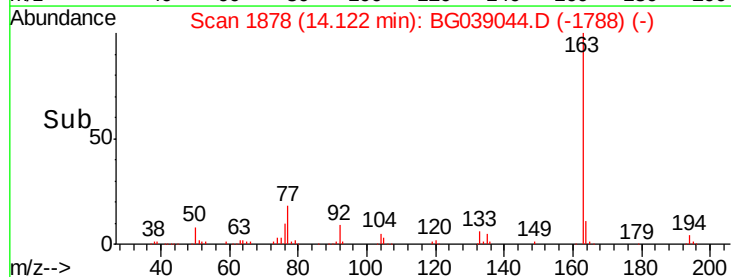
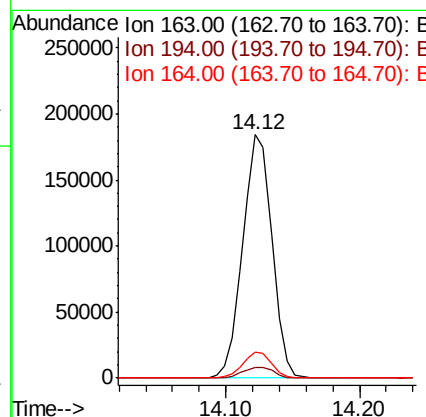
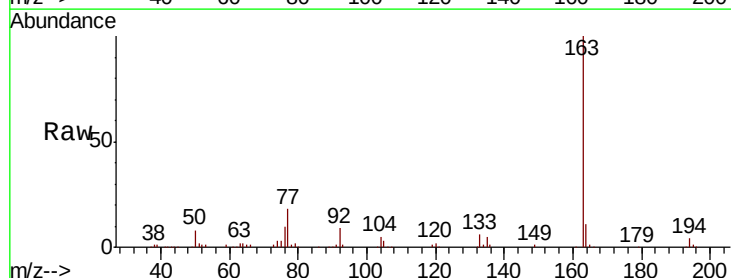
RT: 14.12 min Scan# 1878

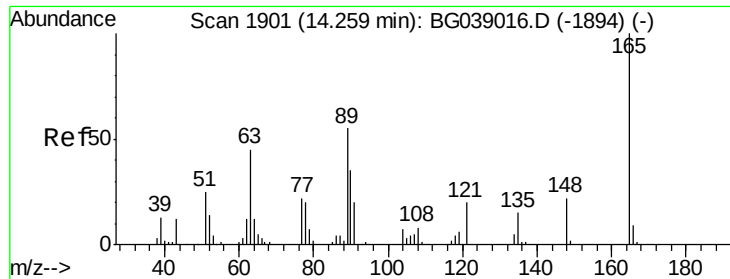
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	163	Resp:	278773
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.7	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 42.925 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

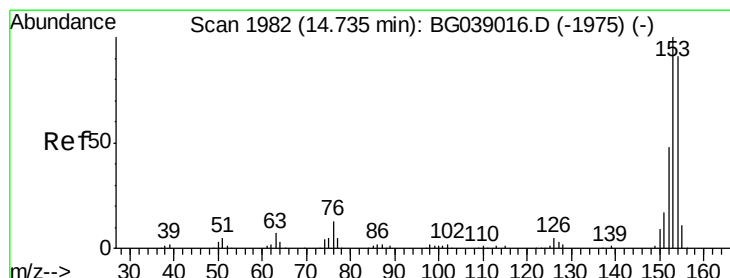
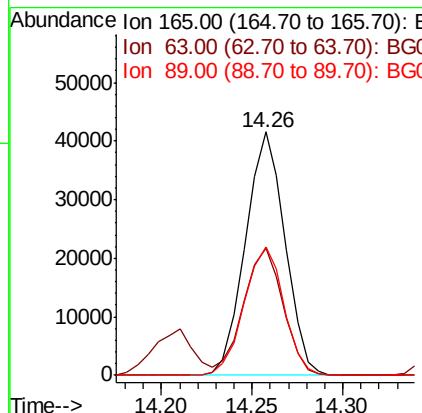
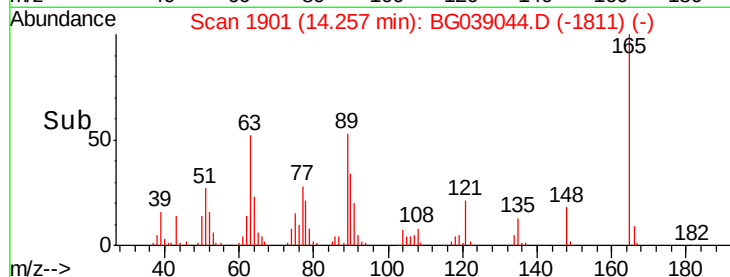
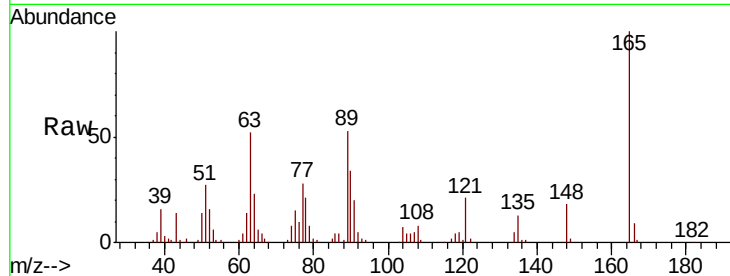
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	165	Resp:	62571
Ion Ratio	Lower	Upper	
165	100		
63	52.3	43.6	65.4
89	52.9	43.7	65.5

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#52

Acenaphthene

Concen: 40.915 ng

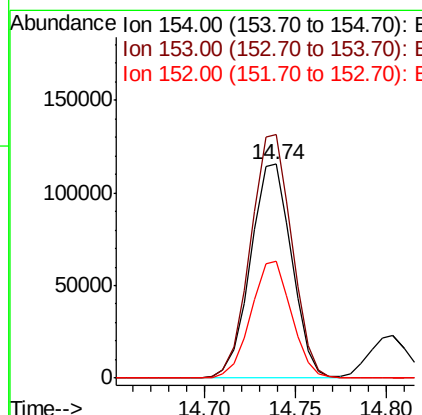
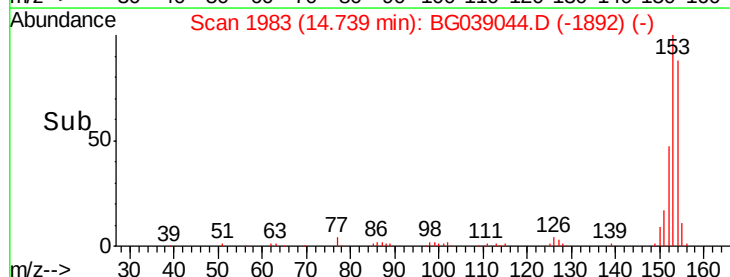
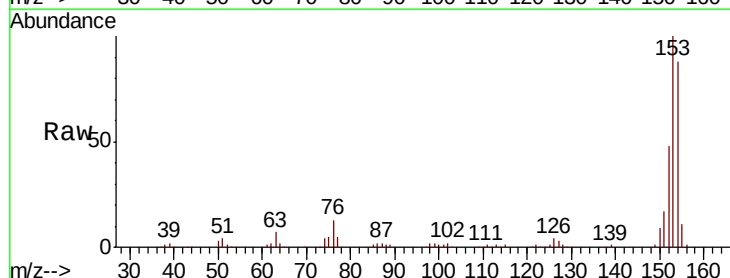
RT: 14.74 min Scan# 1983

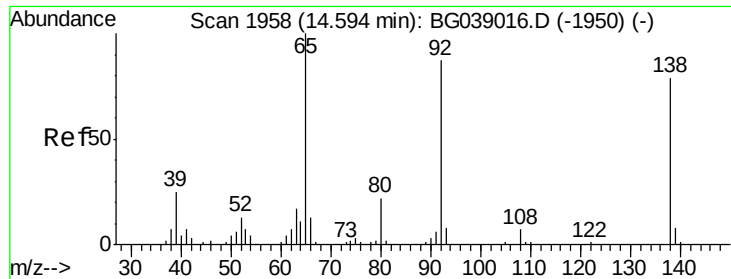
Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	154	Resp:	182798
Ion Ratio	Lower	Upper	
154	100		
153	113.9	87.9	131.9
152	54.4	42.2	63.2





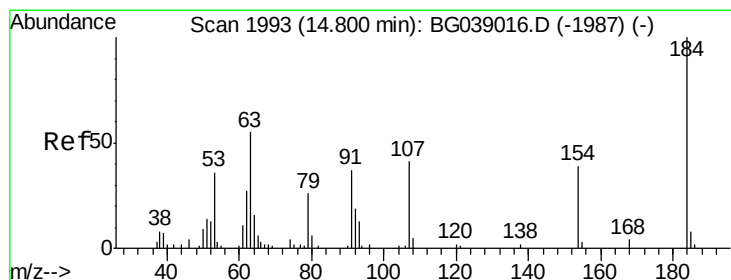
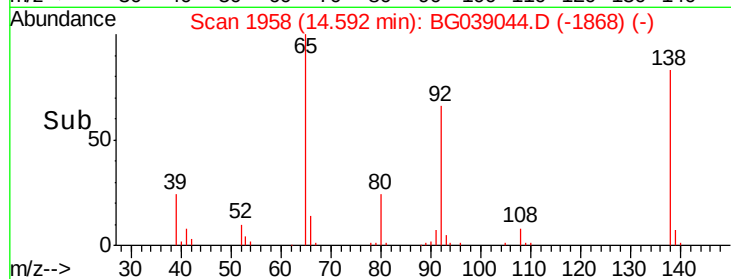
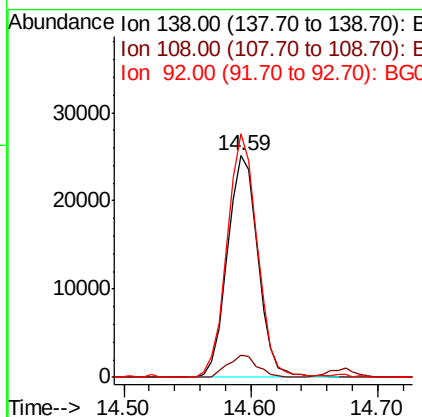
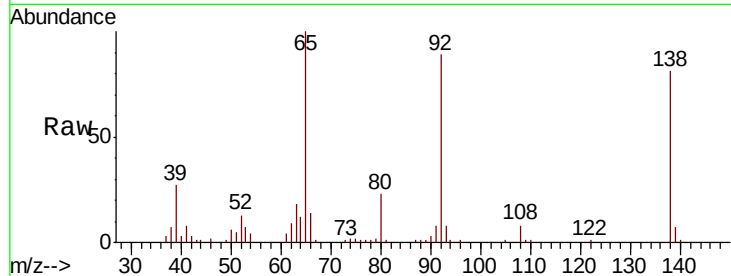
#53
 3-Nitroaniline
 Concen: 28.215 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion:138 Resp: 41722
 Ion Ratio Lower Upper
 138 100
 108 10.2 7.4 11.0
 92 109.8 88.2 132.4

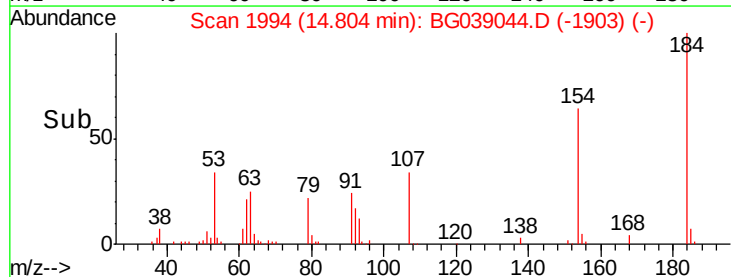
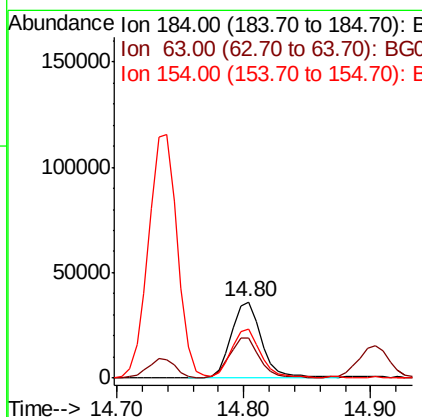
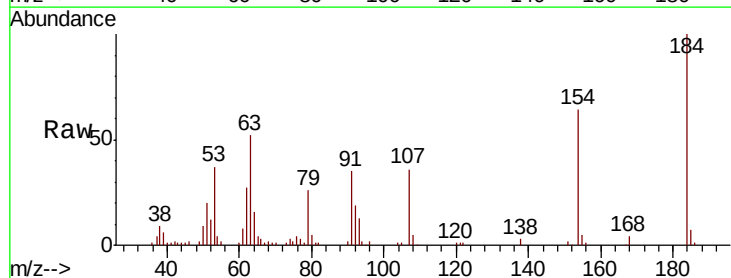
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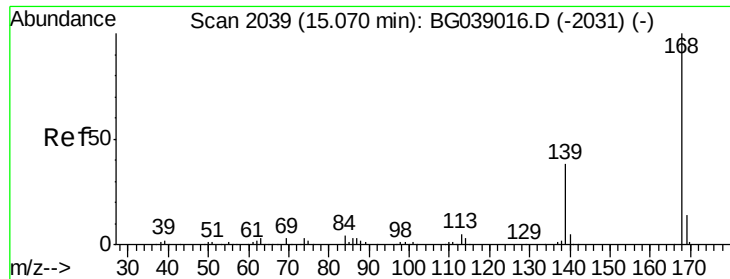
Sohil
 1/10/2019 3:15:28 PM



#54
 2,4-Dinitrophenol
 Concen: 69.706 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:184 Resp: 60101
 Ion Ratio Lower Upper
 184 100
 63 52.0 44.0 66.0
 154 63.7 46.1 69.1





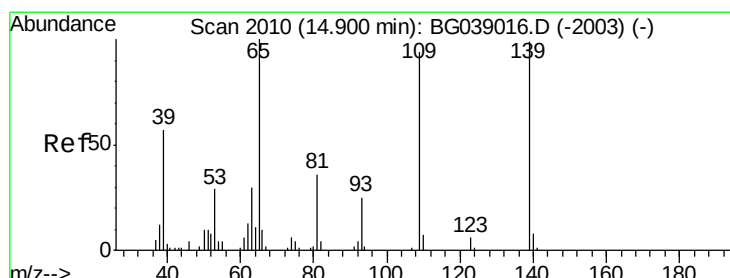
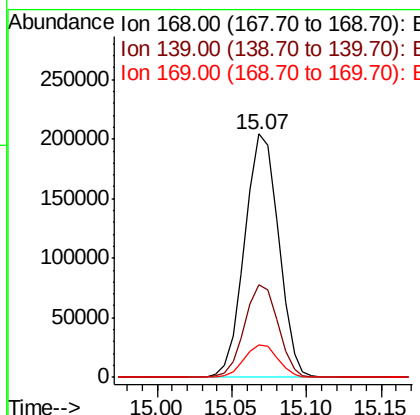
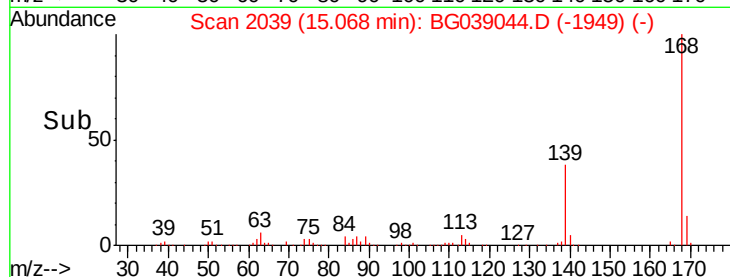
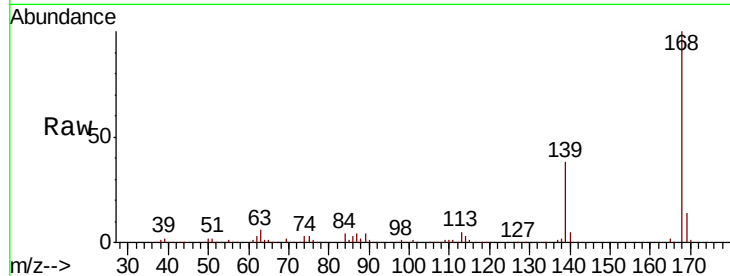
#55
Dibenzenofuran
Concen: 40.730 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion:	168	Resp:	321380
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.1	45.1
169	13.5	10.9	16.3

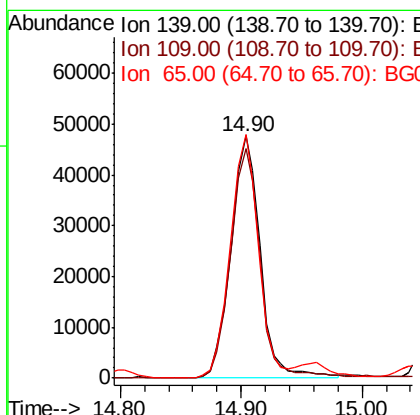
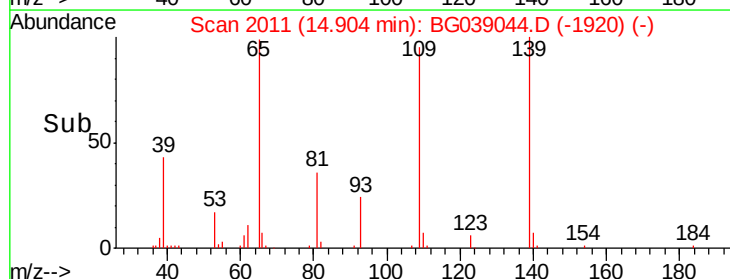
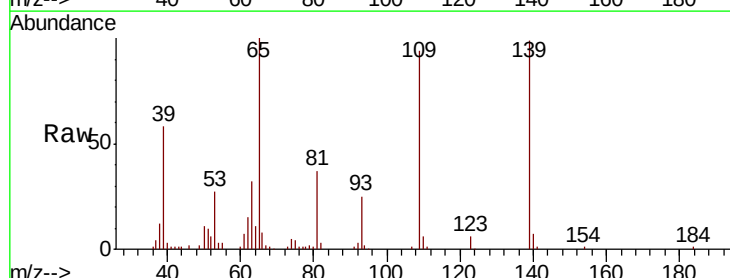
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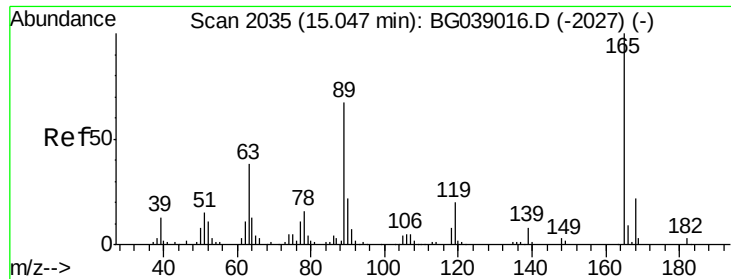
Sohil
1/10/2019 3:15:28 PM



#56
4-Nitrophenol
Concen: 76.103 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion:	139	Resp:	80972
Ion Ratio	Lower	Upper	
139	100		
109	94.8	75.6	115.6
65	100.6	81.2	121.2





#57

2,4-Dinitrotoluene

Concen: 43.526 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

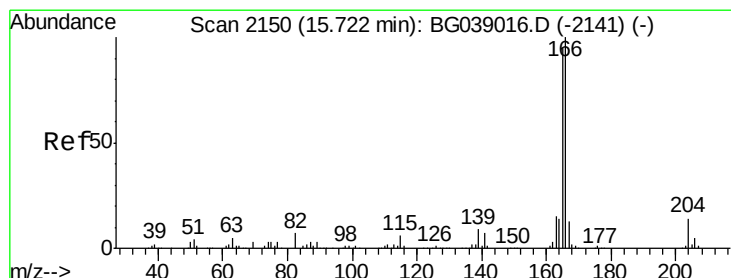
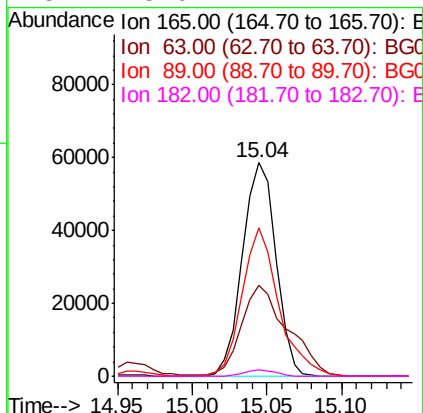
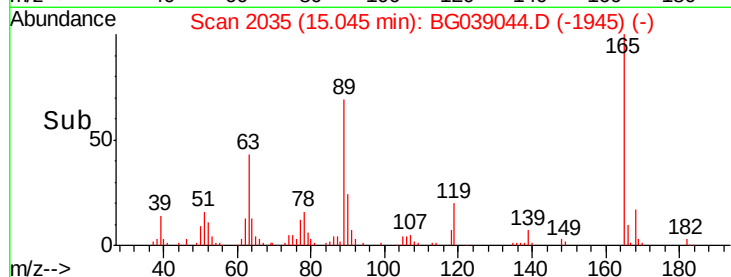
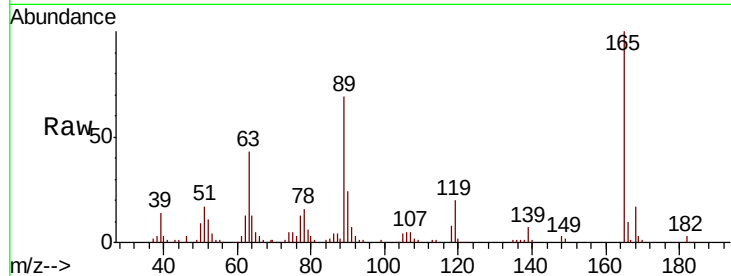
ClientSampleId :

JC-03-010819-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		91025		
63	42.7	30.2	45.4		
89	69.3	53.2	79.8		
182	3.0	2.7	4.1		

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#58

Fluorene

Concen: 44.950 ng

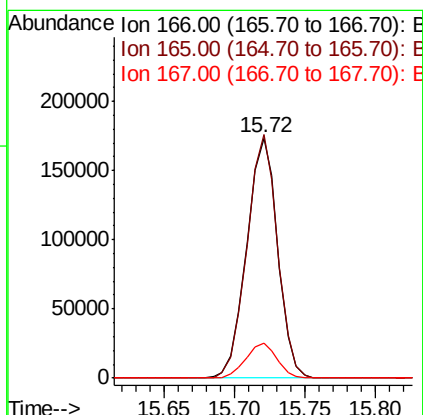
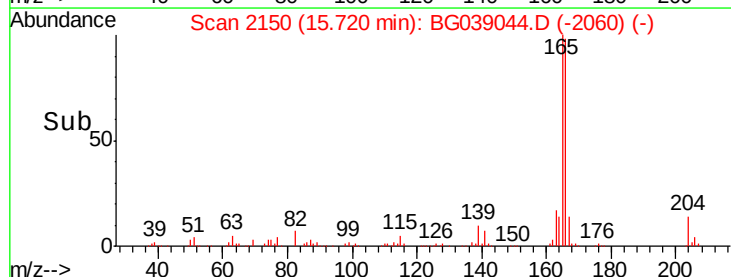
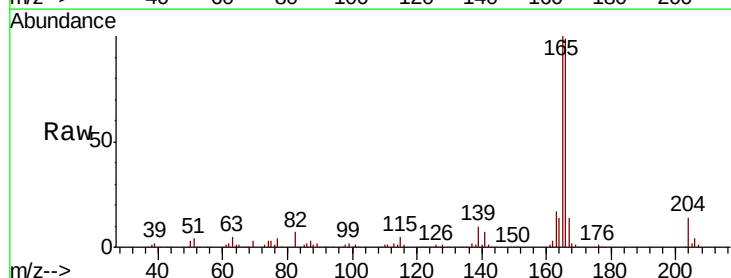
RT: 15.72 min Scan# 2150

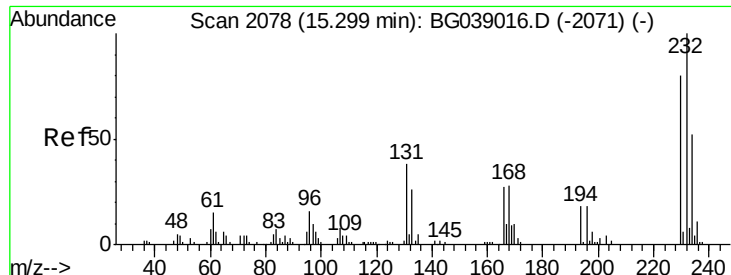
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		266975		
165	101.5	76.2	114.2		
167	14.4	10.6	16.0		





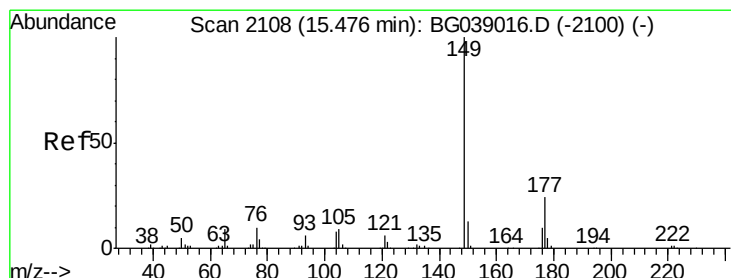
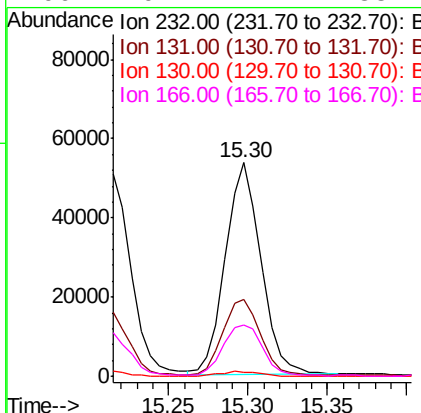
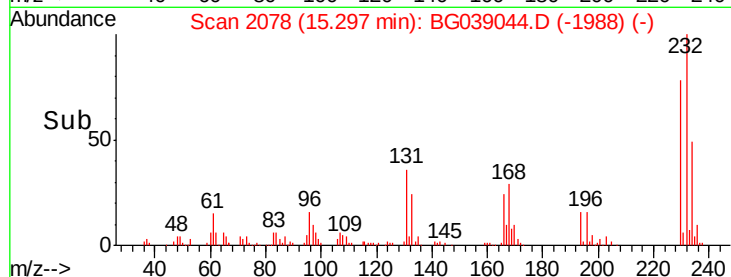
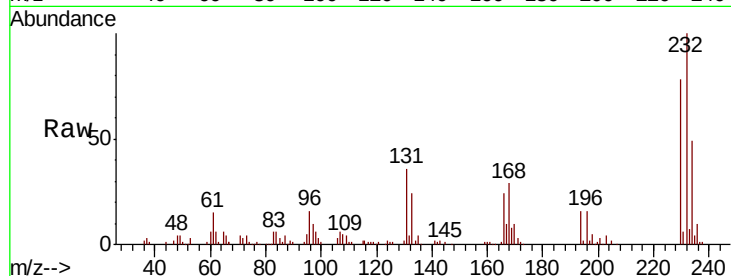
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.565 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	82903		
131	40.2		30.9	46.3
130	2.4		1.9	2.9
166	26.7		22.1	33.1

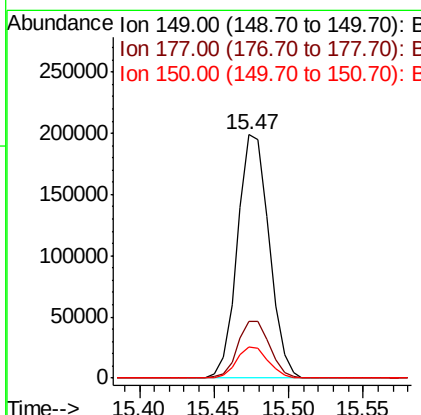
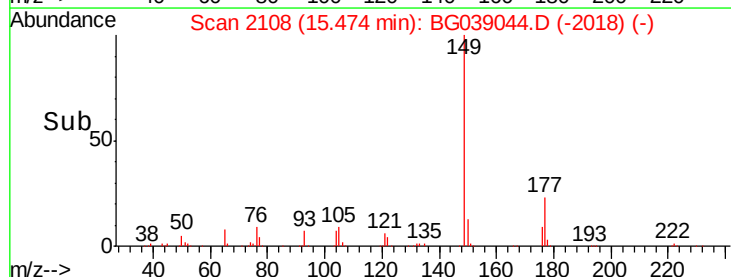
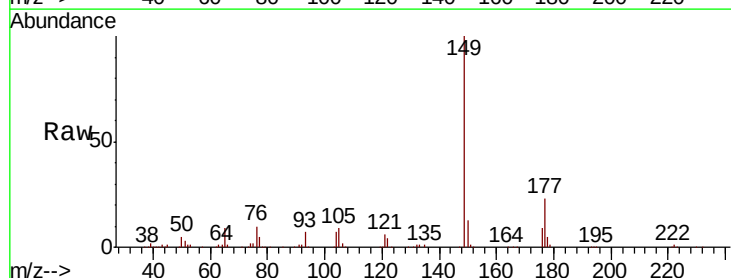
Manual Integrations
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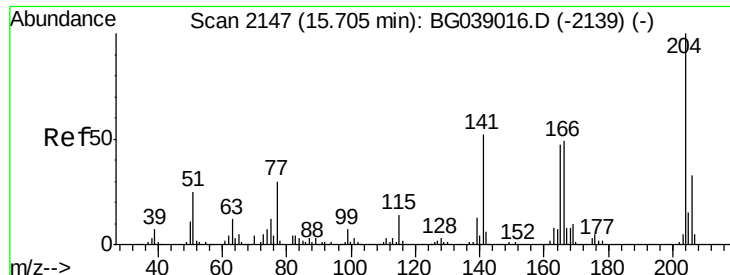
Sohil
1/10/2019 3:15:28 PM



#60
Diethylphthalate
Concen: 43.602 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	292896		
177	23.3		19.0	28.6
150	12.8		10.2	15.4





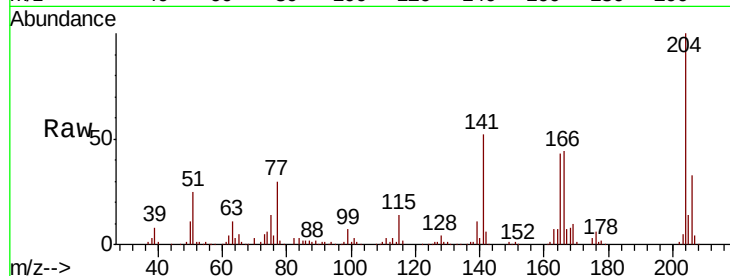
#61
4-Chlorophenyl-phenylether
Concen: 40.652 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.3	26.6	39.8
141	51.8	41.4	62.0

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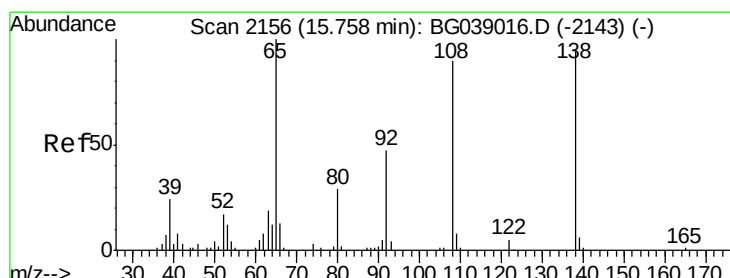
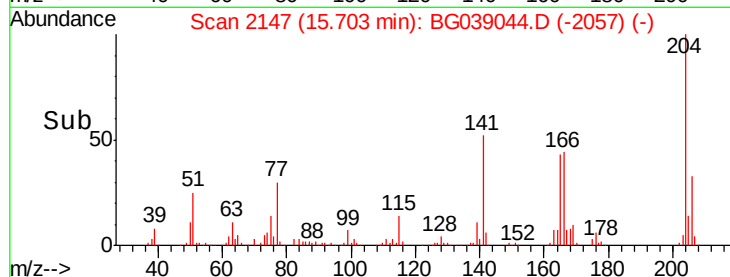
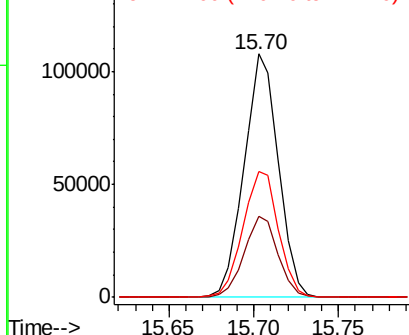


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.914 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

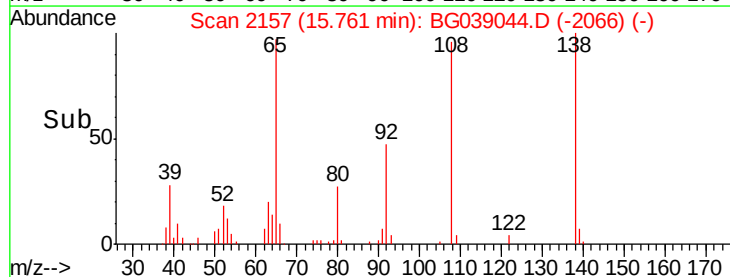
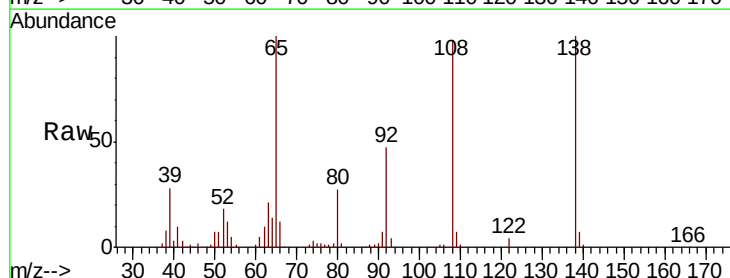
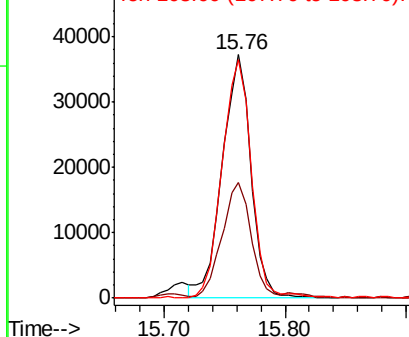
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	47.3	29.7	69.7
108	98.1	75.7	115.7

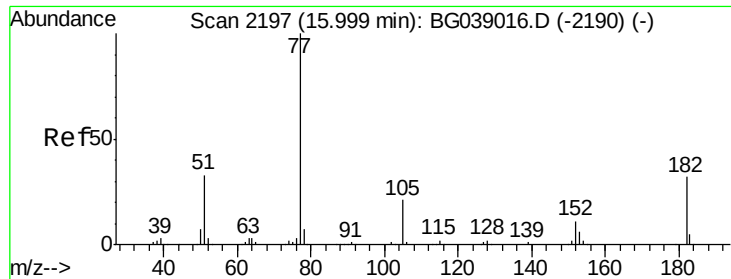
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.599 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

Tot Ion: 77 Resp: 218529

Ion Ratio Lower Upper

77 100

182 33.3 12.2 52.2

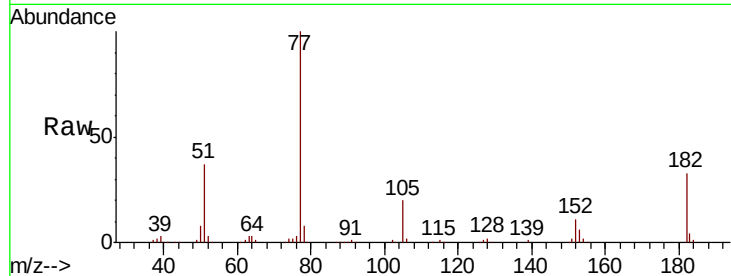
105 20.2 1.2 41.2

51 37.2 13.4 53.4

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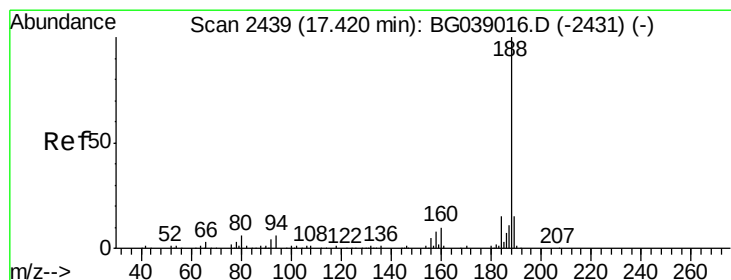
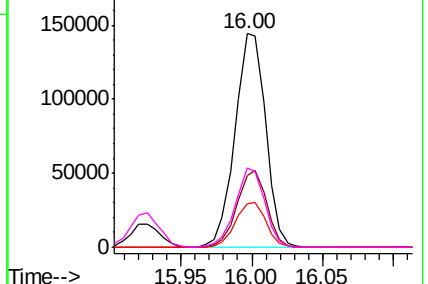
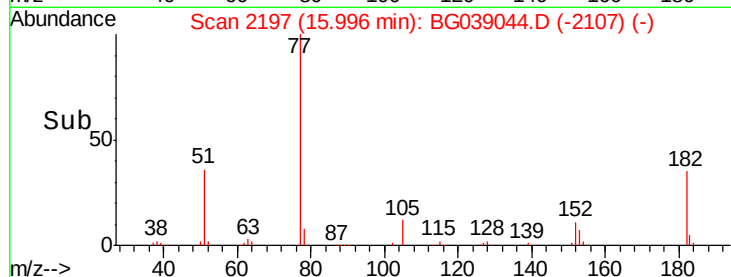


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

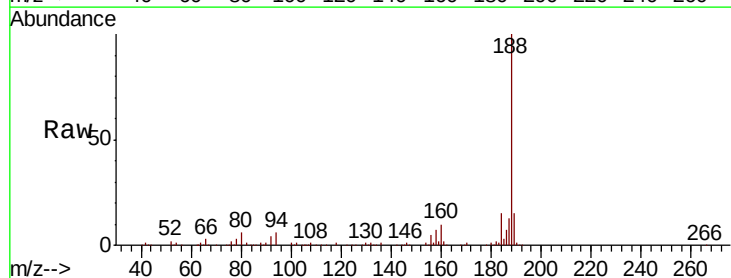
Tgt Ion: 188 Resp: 212399

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

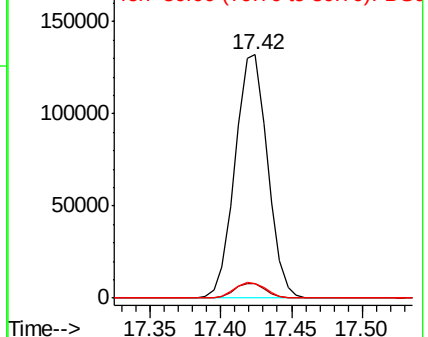
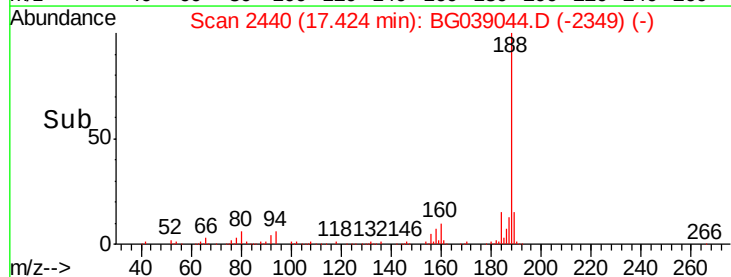
80 6.2 4.7 7.1

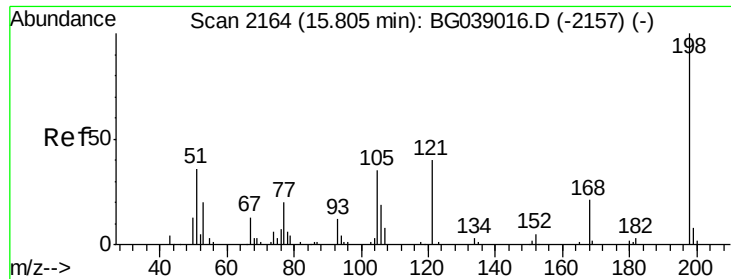


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





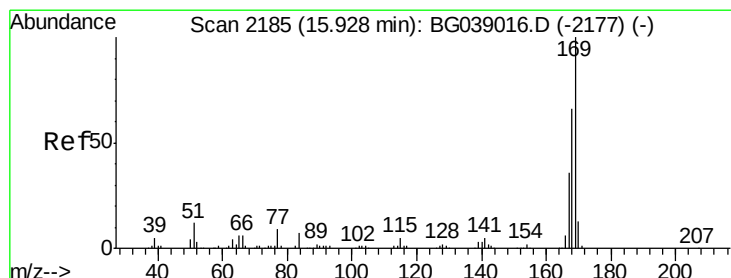
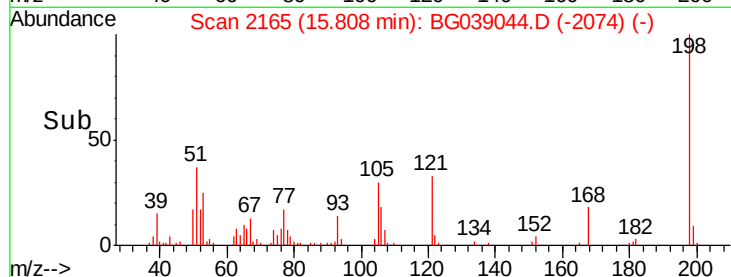
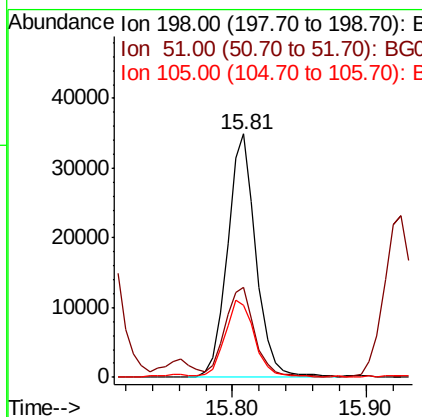
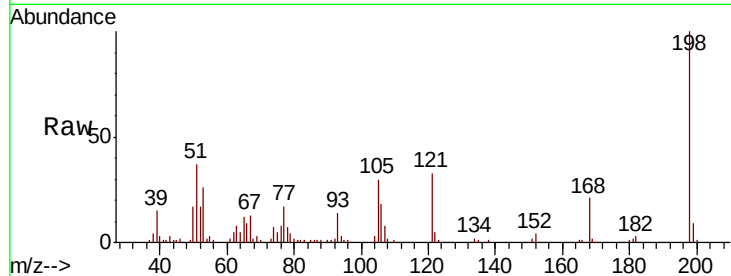
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.961 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	51866		
51	36.8		20.8	60.8
105	29.6		16.1	56.1

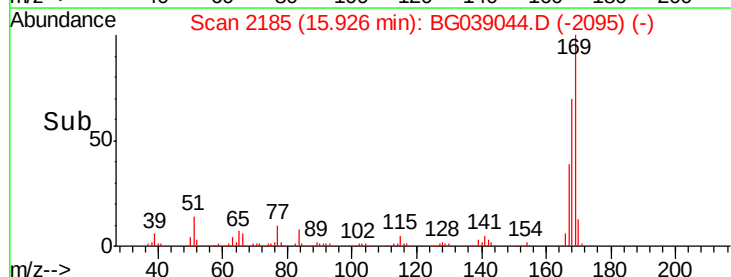
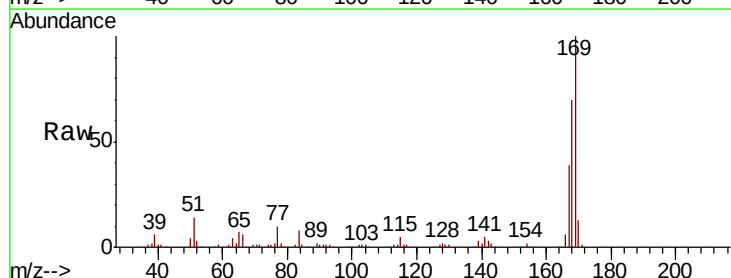
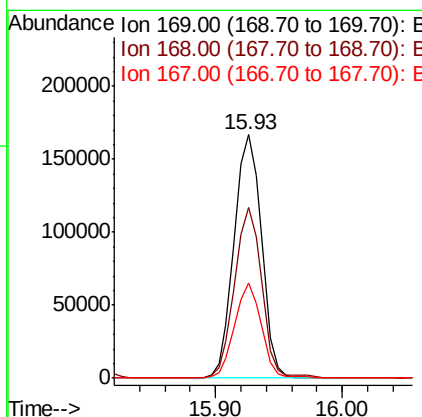
Manual Integrations
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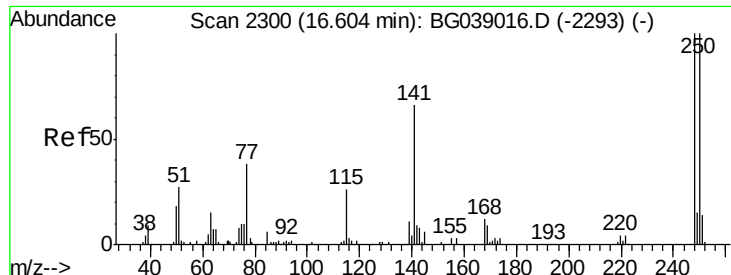
Sohil
 1/10/2019 3:15:28 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.597 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	249322		
168	70.0		53.2	79.8
167	39.0		29.1	43.7





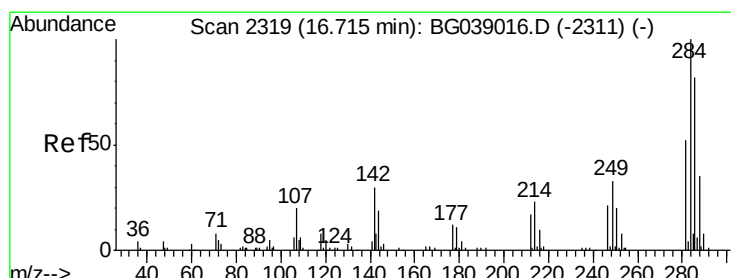
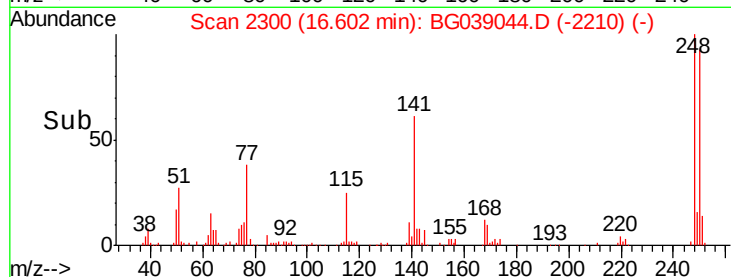
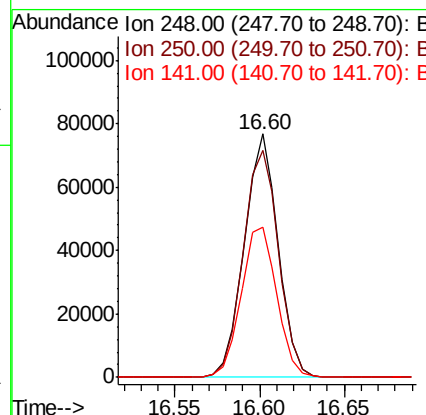
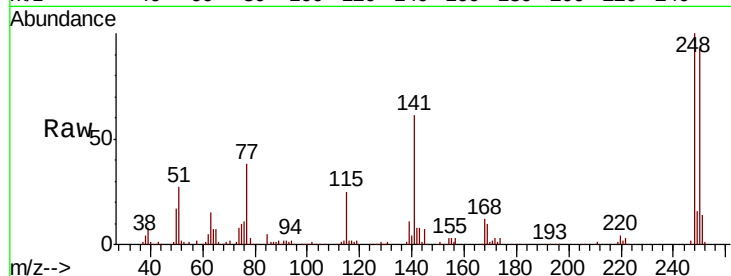
#67
 4-Bromophenyl-phenylether
 Concen: 39.140 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.0	79.9	119.9
141	61.4	52.7	79.1

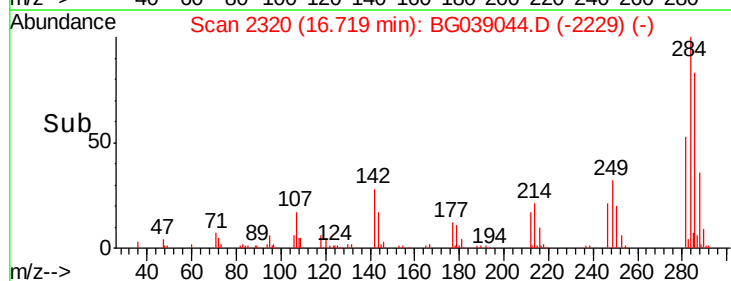
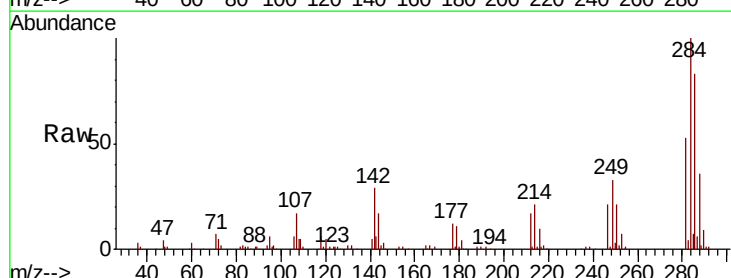
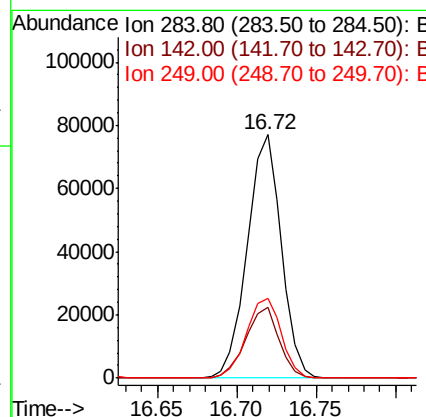
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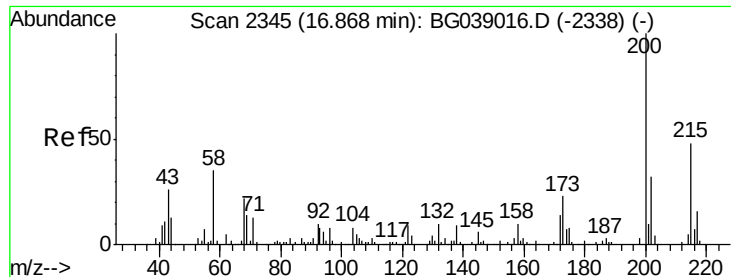
Sohil
 1/10/2019 3:15:28 PM



#68
 Hexachlorobenzene
 Concen: 38.418 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	35.1	27.8	41.8





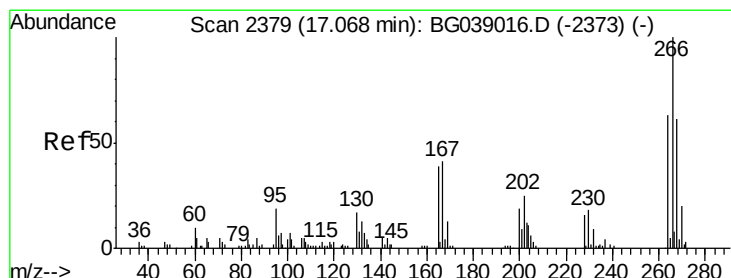
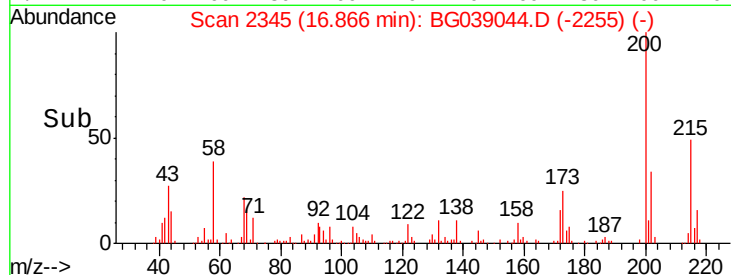
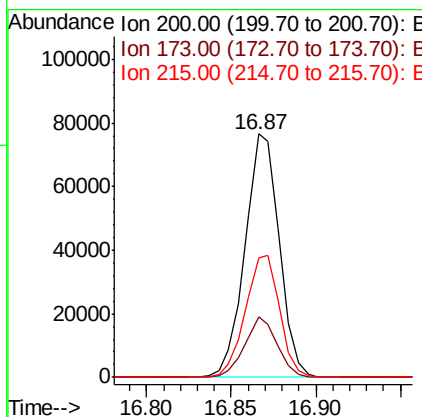
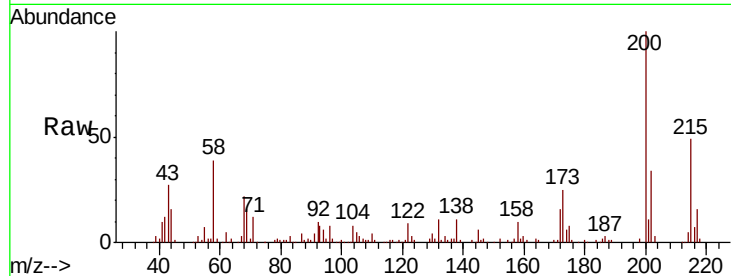
#69
Atrazine
Concen: 40.201 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	107533		
173	24.7	2.6	42.6	
215	49.0	28.0	68.0	

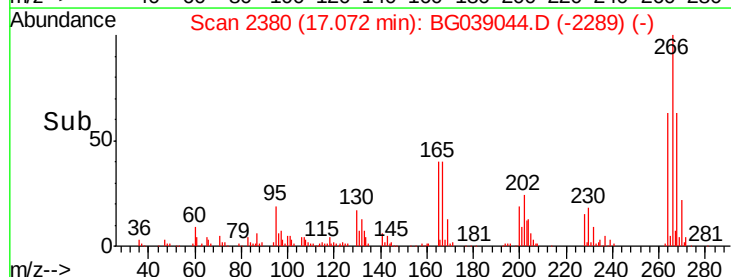
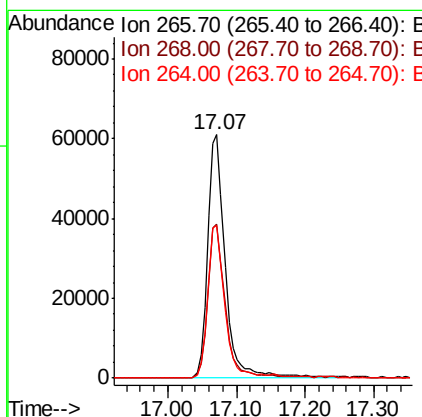
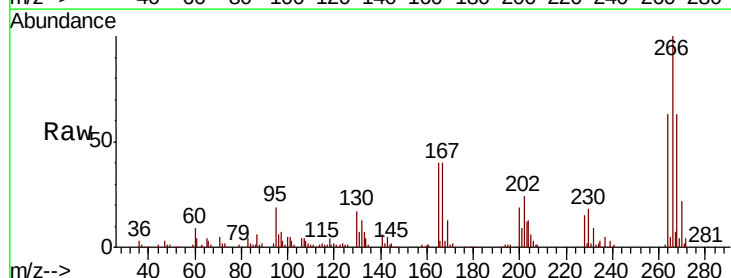
Manual Integrations
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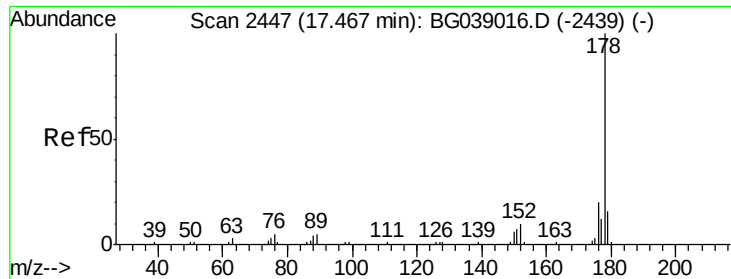
Sohil
1/10/2019 3:15:28 PM



#70
Pentachlorophenol
Concen: 60.865 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	109284		
268	67.9	52.0	78.0	
264	62.9	54.6	81.8	





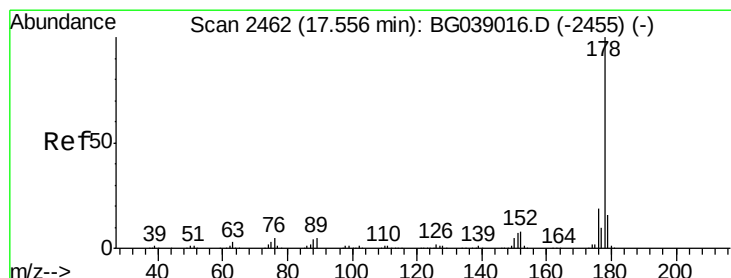
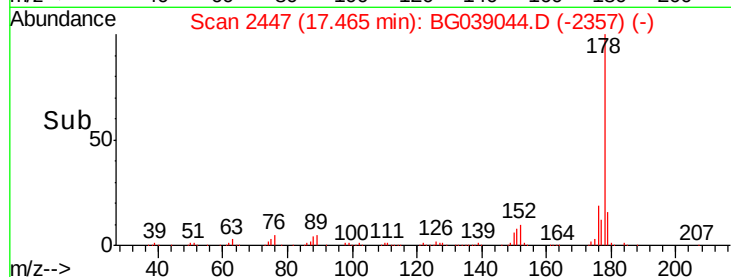
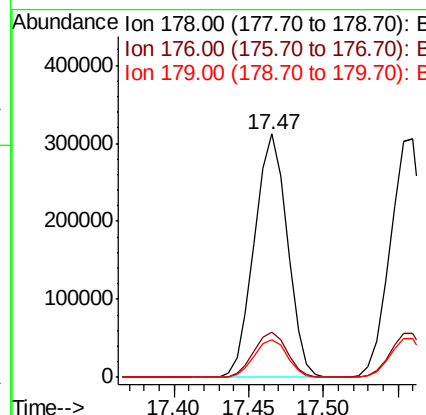
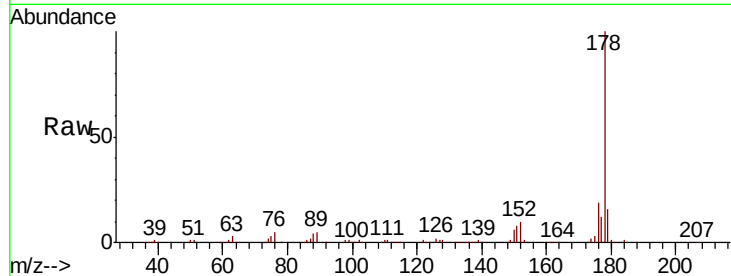
#71
 Phenanthrene
 Concen: 42.525 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.6	12.9	19.3

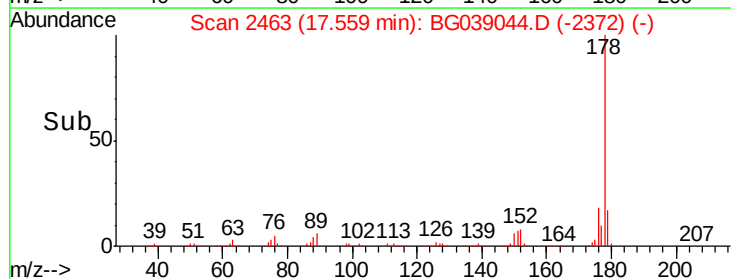
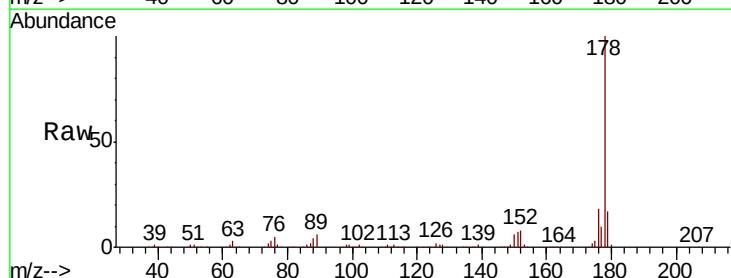
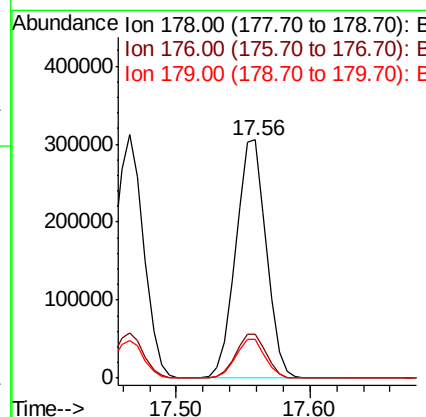
Manual Integrations
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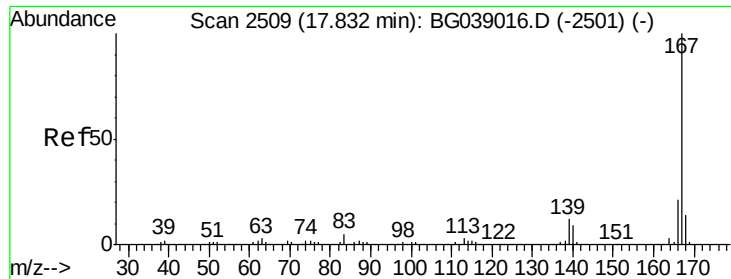
Sohil
 1/10/2019 3:15:28 PM



#72
 Anthracene
 Concen: 43.647 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	16.5	13.0	19.4





#73

Carbazole

Concen: 37.857 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

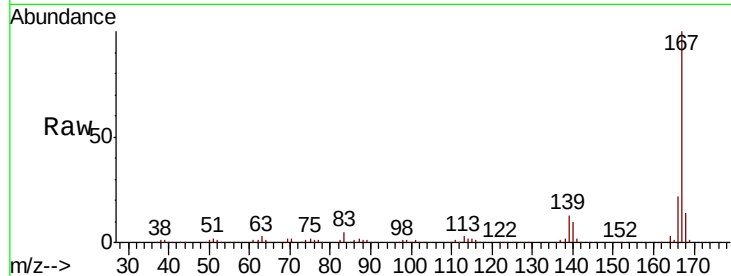
ClientSampleId :

JC-03-010819-AMS

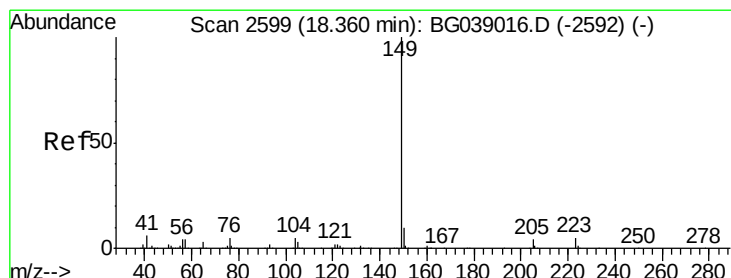
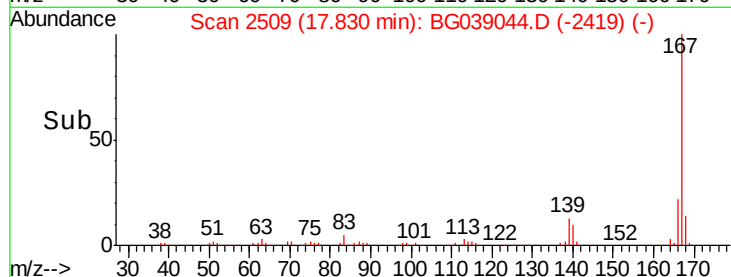
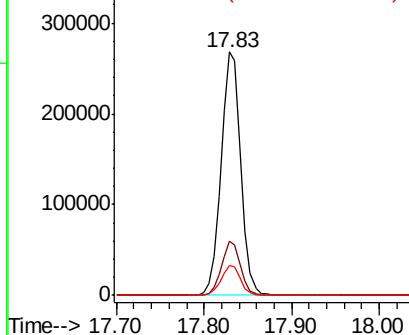
Tot Ion:	167	Resp:	414831
Ion Ratio	Lower	Upper	
167	100		
166	22.2	16.9	25.3
139	12.5	10.0	15.0

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.371 ng

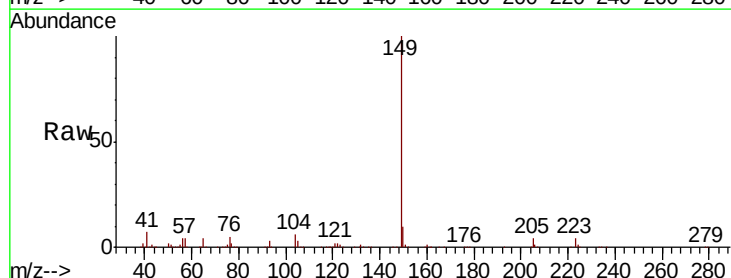
RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

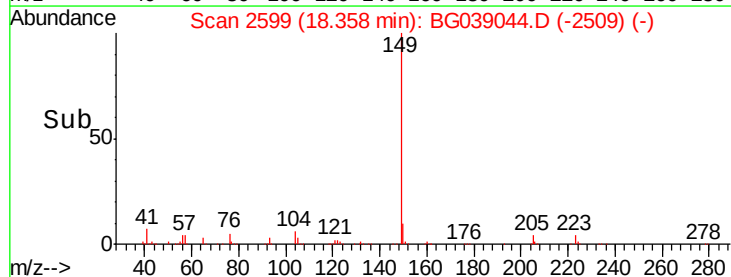
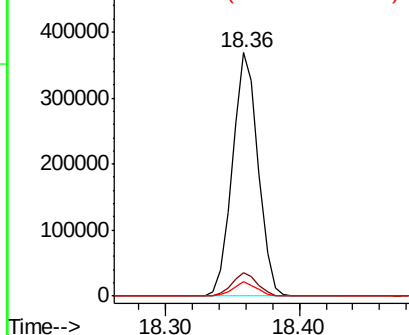
Lab File: BG039044.D

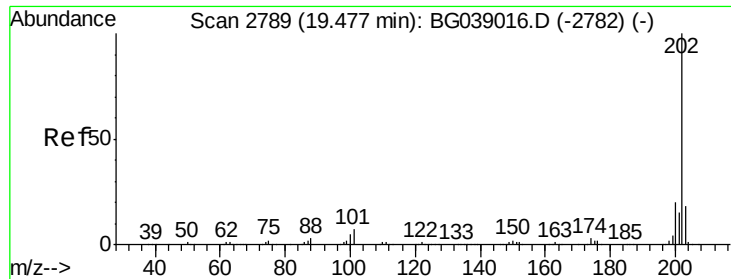
Acq: 10 Jan 2019 7:35

Tgt Ion:	149	Resp:	492139
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.9	11.9
104	5.7	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.177 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

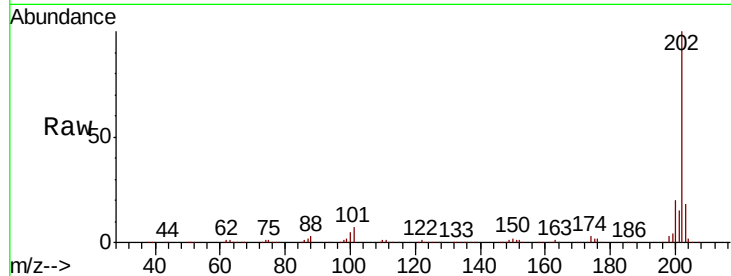
ClientSampleId :

JC-03-010819-AMS

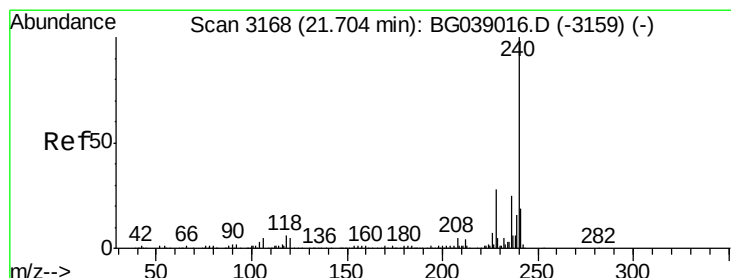
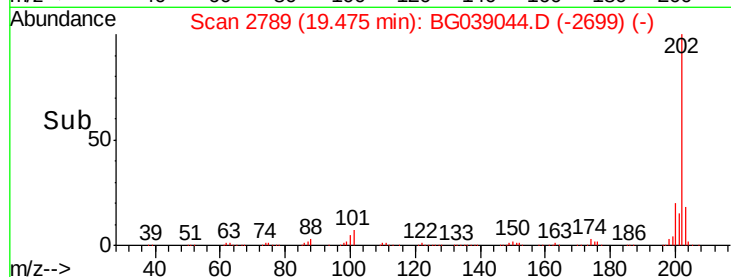
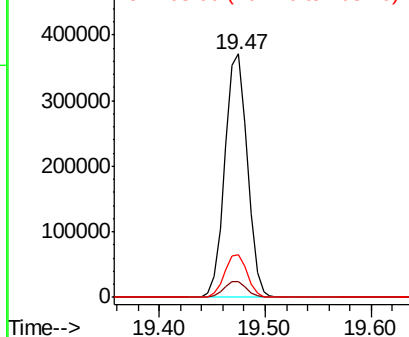
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	26.9
203	17.8	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

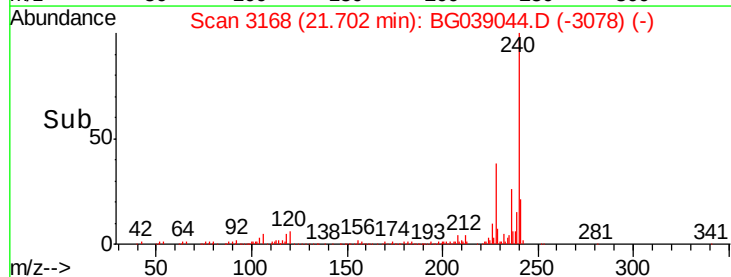
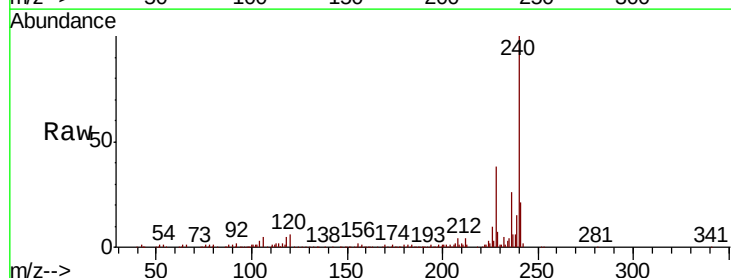
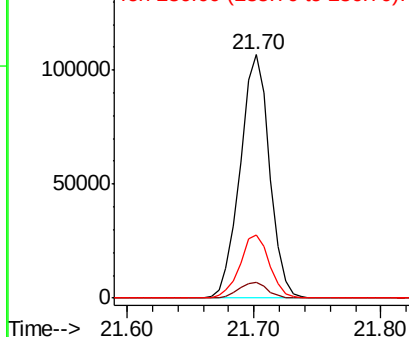
Delta R.T. -0.00 min

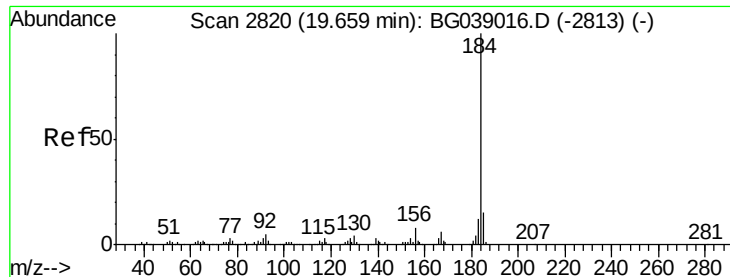
Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.4	4.3	6.5
236	25.7	20.1	30.1

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





#77

Benzidine

Concen: 23.943 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMS

Tot Ion:184 Resp: 125693

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

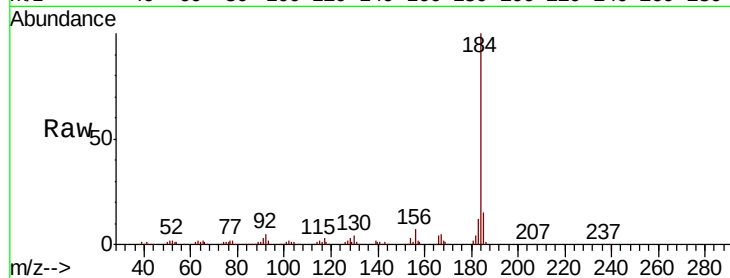
183 12.4 9.5 14.3

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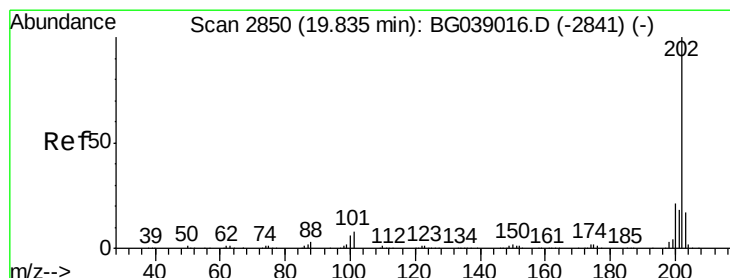
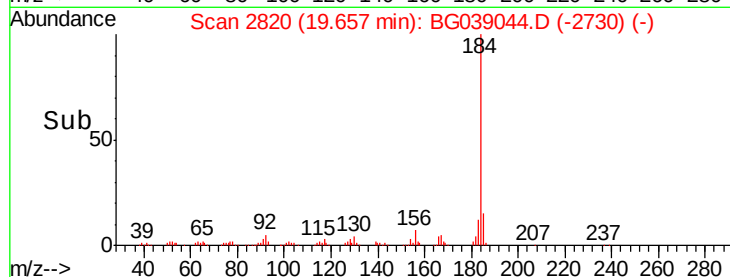
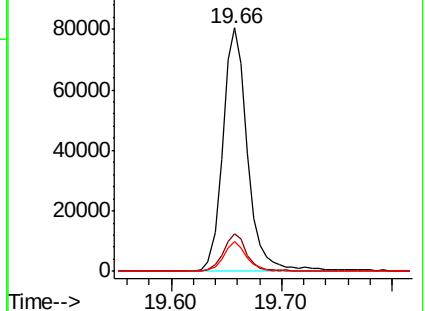
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.684 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

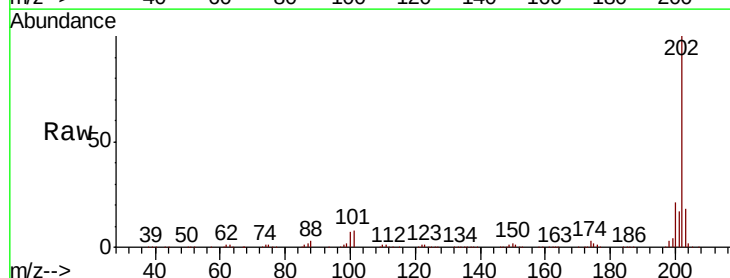
Tgt Ion:202 Resp: 532515

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

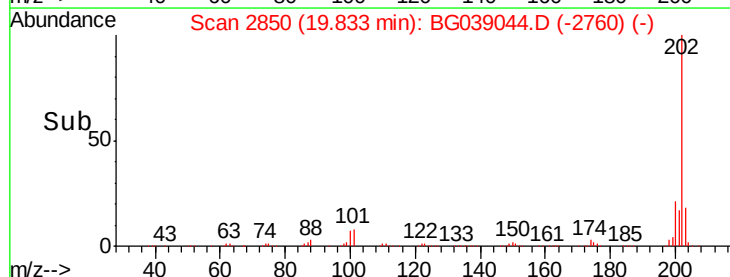
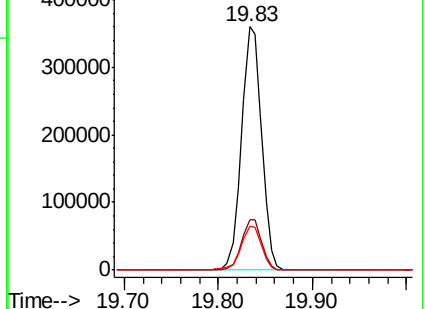
203 17.8 14.0 21.0

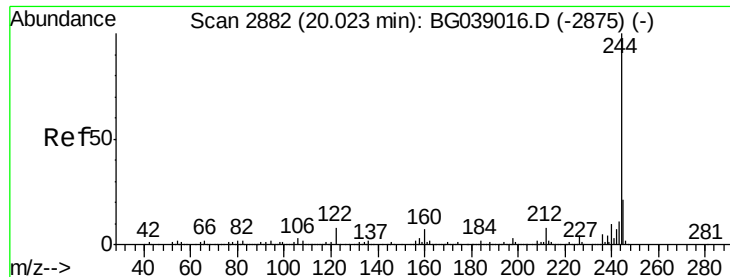


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.311 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

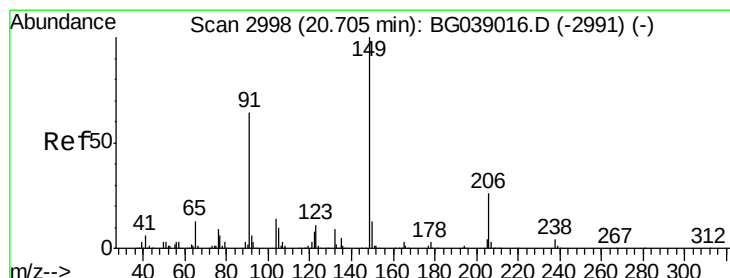
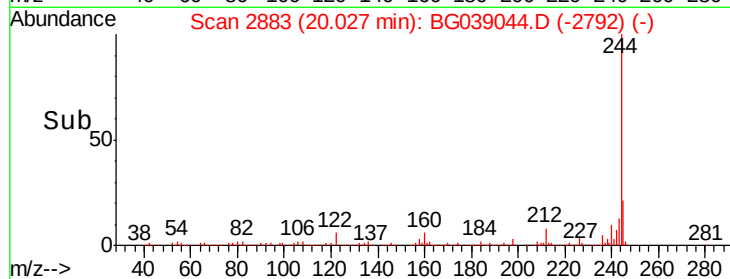
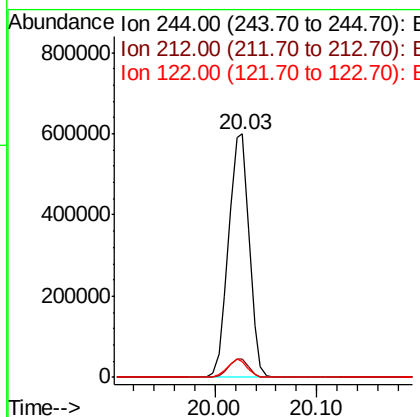
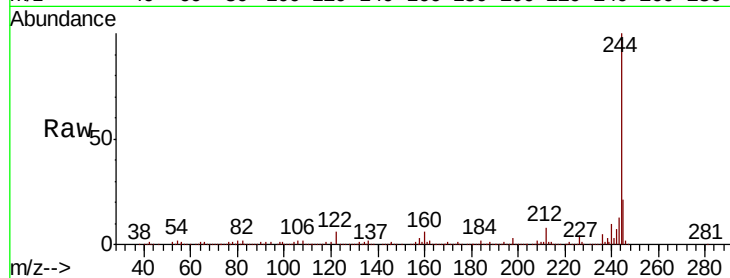
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	244	Resp:	847206
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.4	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.358 ng

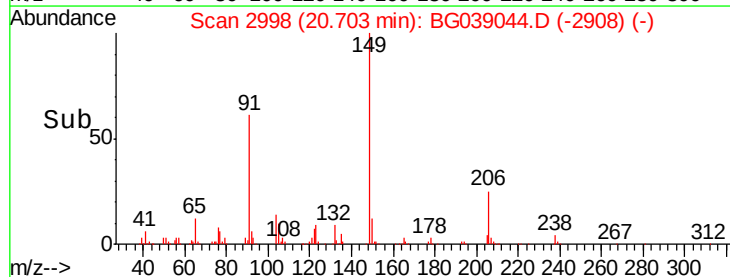
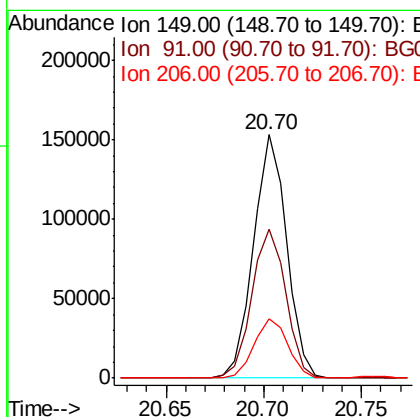
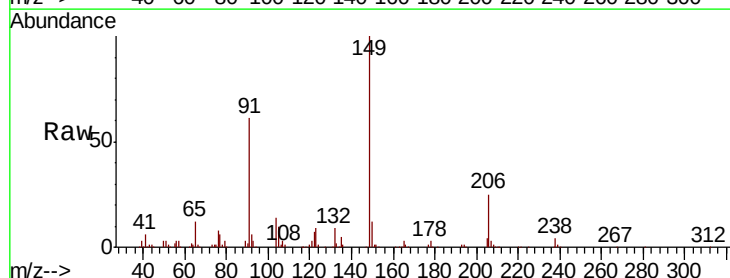
RT: 20.70 min Scan# 2998

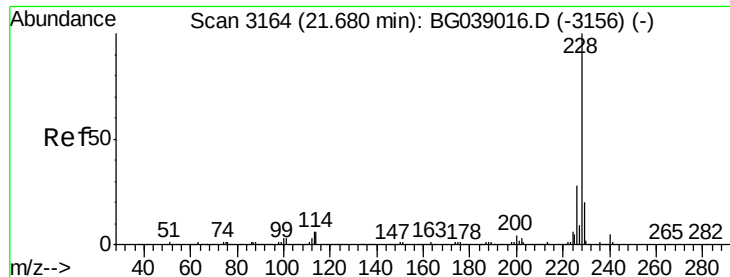
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	149	Resp:	180379
Ion Ratio		Lower	Upper
149	100		
91	61.1	51.4	77.0
206	24.6	20.4	30.6





#81

Benzo(a)anthracene

Concen: 44.661 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Instrument :

BNA_G

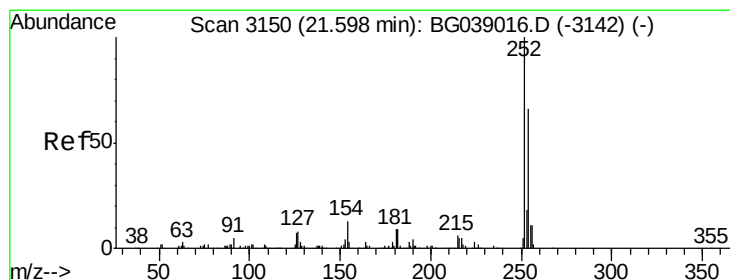
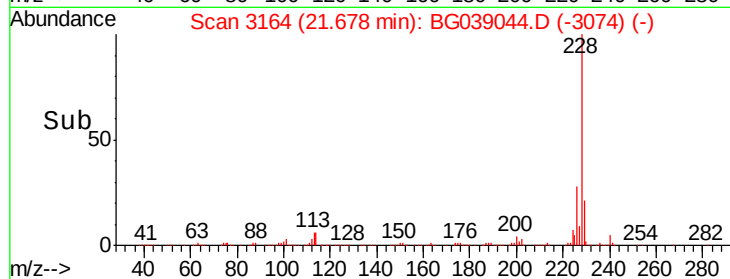
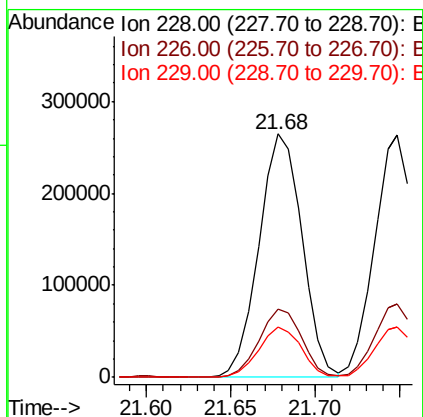
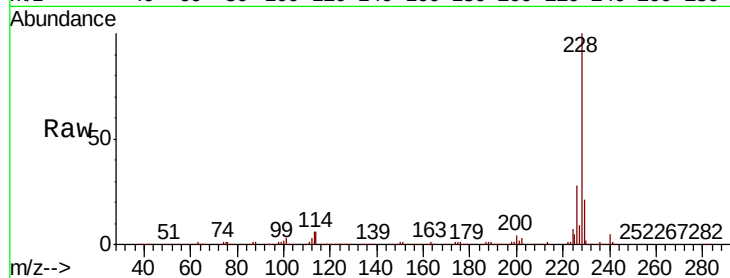
ClientSampleId :

JC-03-010819-AMS

Tot Ion:	228	Resp:	466636
Ion Ratio		Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.6	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.831 ng

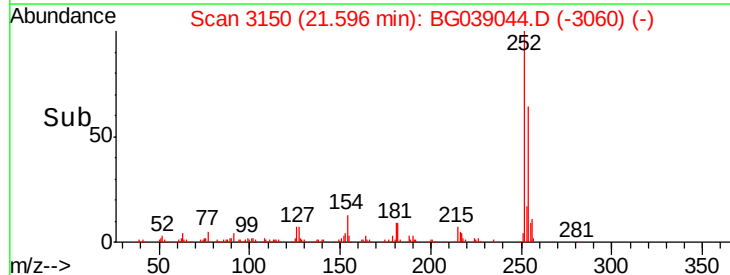
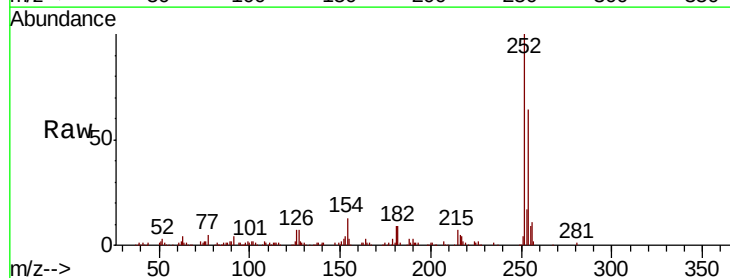
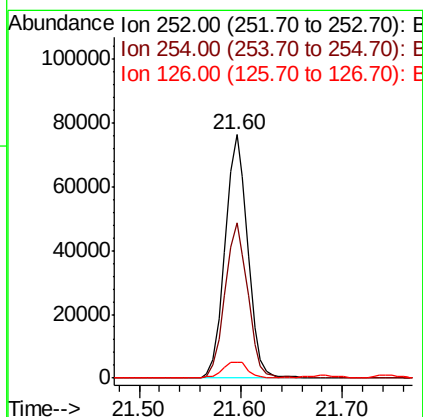
RT: 21.60 min Scan# 3150

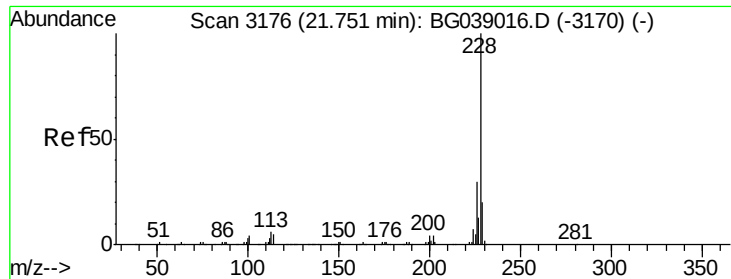
Delta R.T. -0.00 min

Lab File: BG039044.D

Acq: 10 Jan 2019 7:35

Tgt Ion:	252	Resp:	118481
Ion Ratio		Lower	Upper
252	100		
254	63.9	53.0	79.6
126	6.5	6.0	9.0





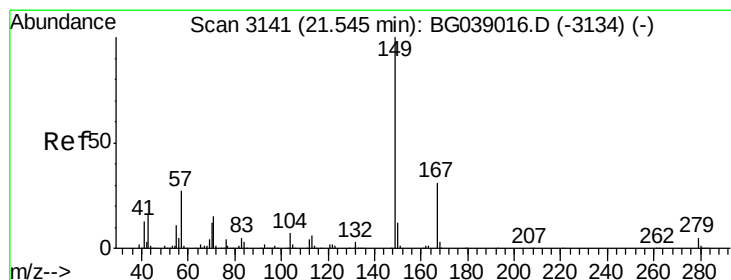
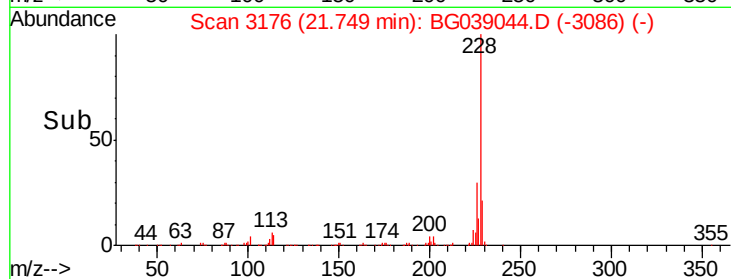
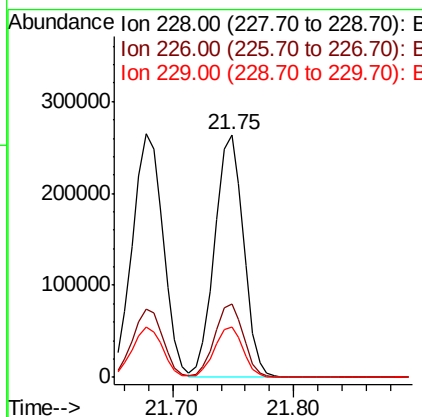
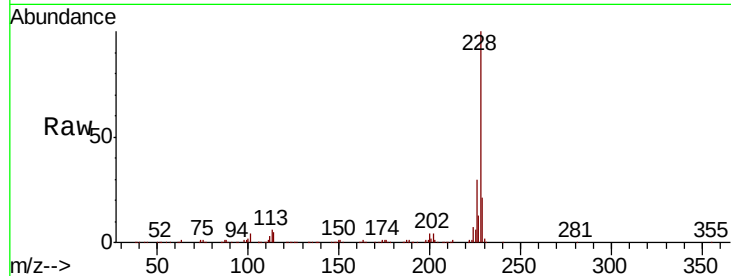
#83
 Chrysene
 Concen: 43.573 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMS

Tot Ion:	228	Resp:	433001
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	20.6	16.0	24.0

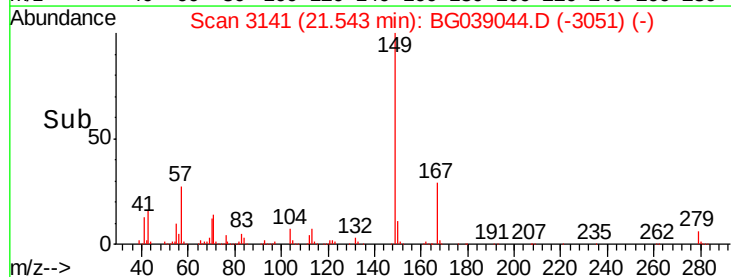
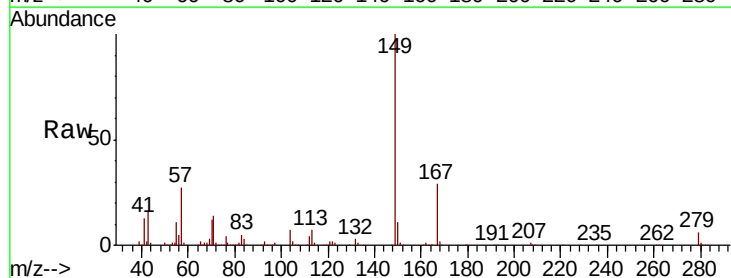
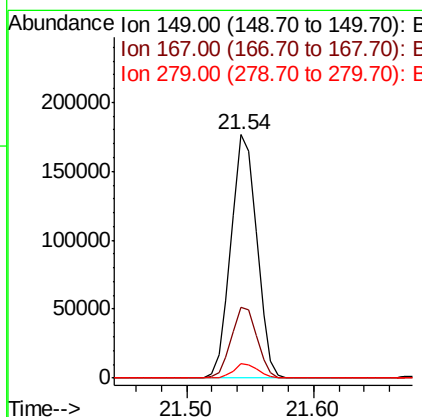
Manual Integrations
 APPROVED

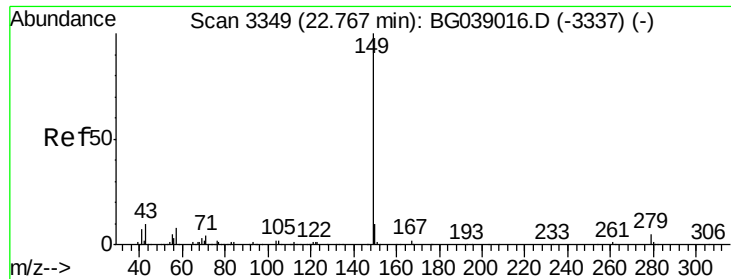
Sohil
 1/10/2019 3:15:28 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.047 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039044.D
 Acq: 10 Jan 2019 7:35

Tgt Ion:	149	Resp:	248660
Ion Ratio	Lower	Upper	
149	100		
167	29.0	25.0	37.4
279	5.7	4.3	6.5





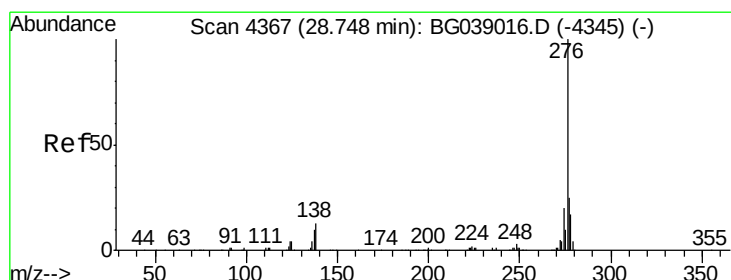
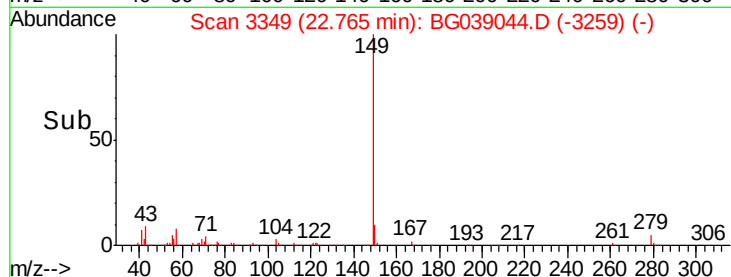
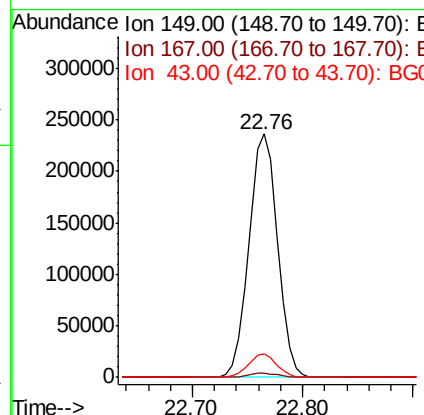
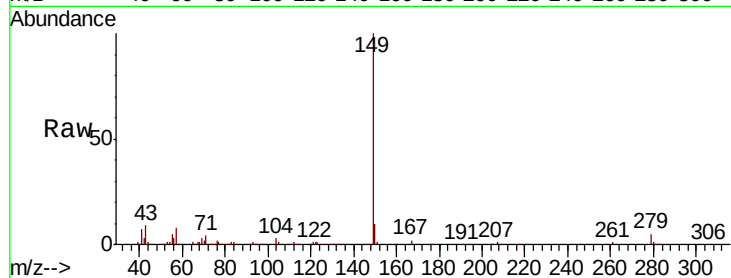
#85
Di-n-octyl phthalate
Concen: 44.016 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	429931		
167	1.7		1.3	1.9
43	9.4		7.5	11.3

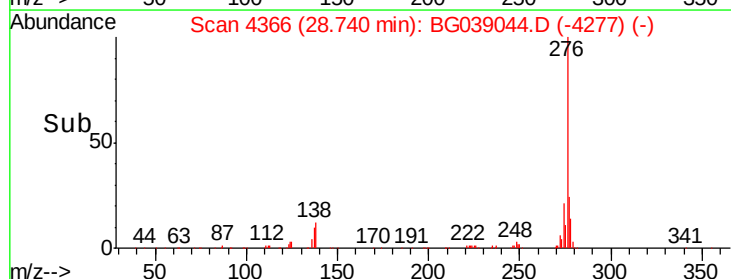
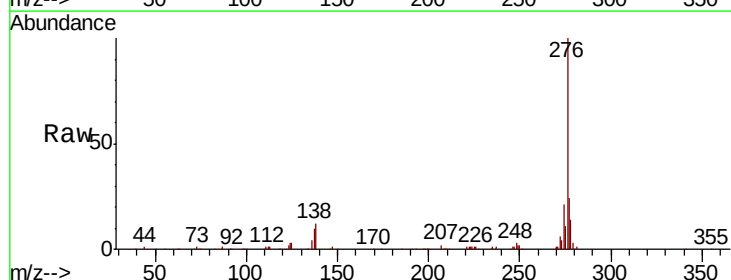
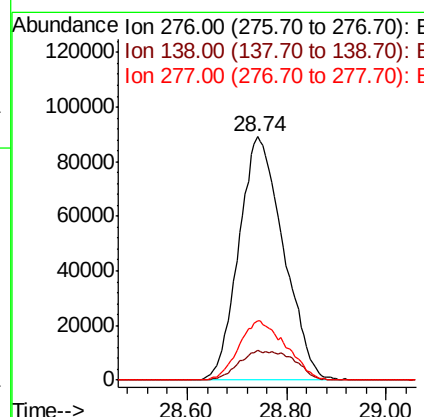
Manual Integrations
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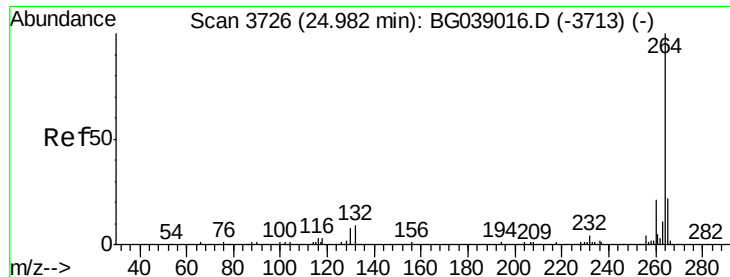
Sohil
1/10/2019 3:15:28 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.653 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	553971		
138	14.9		8.0	12.0#
277	25.7		20.3	30.5





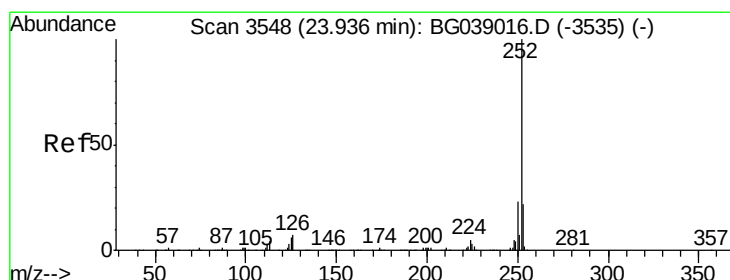
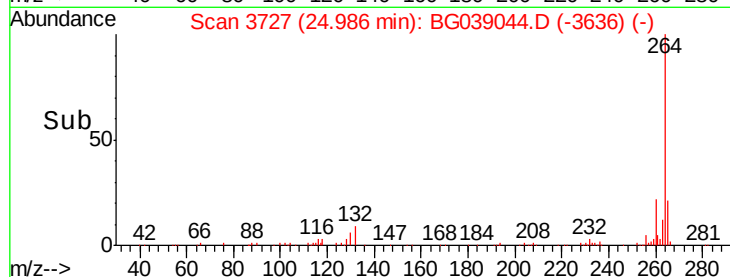
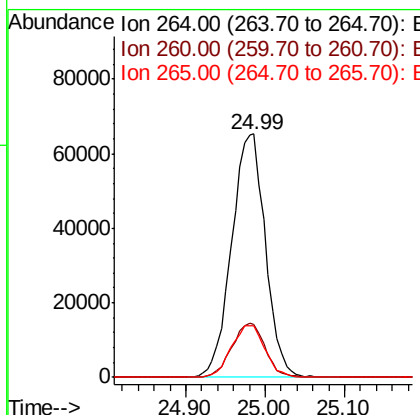
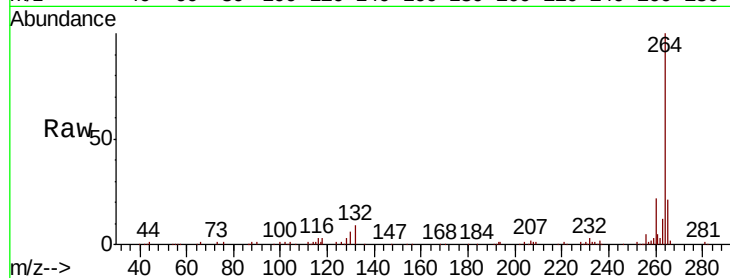
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	21.5	17.2	25.8

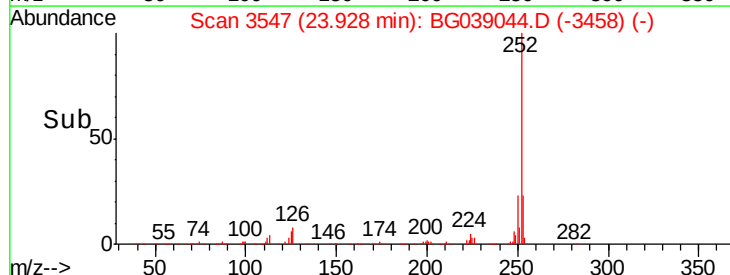
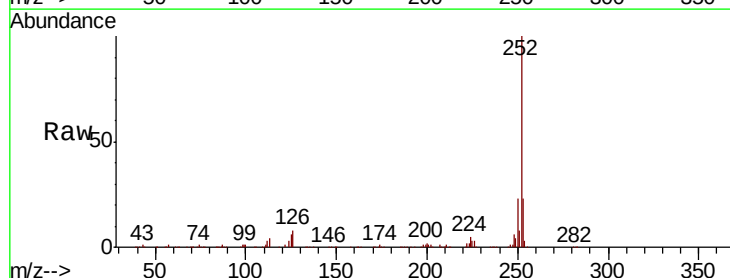
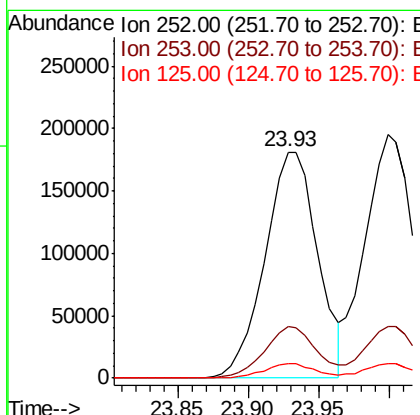
Manual Integrations
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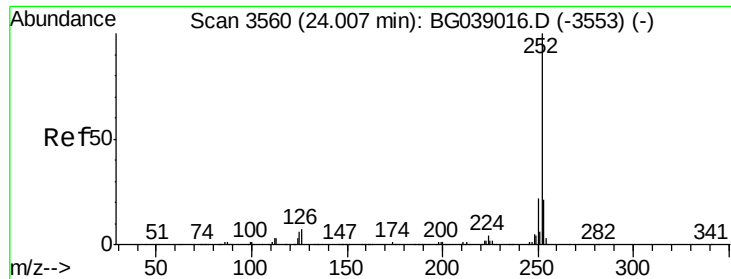
Sohil
1/10/2019 3:15:28 PM



#88
Benzo(b)fluoranthene
Concen: 44.550 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.2	4.9	7.3





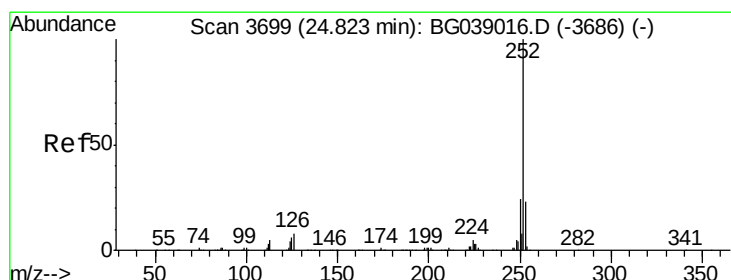
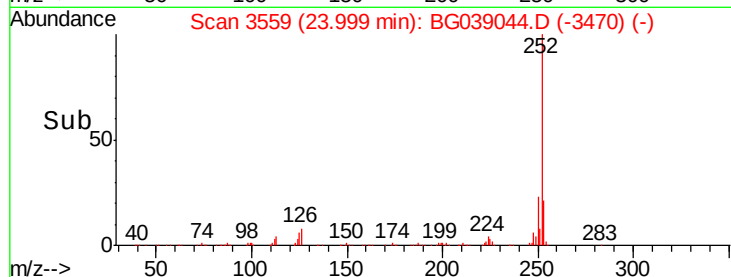
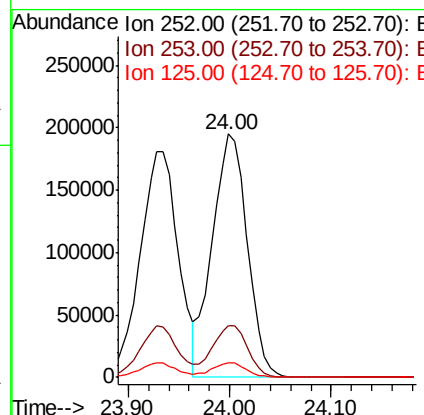
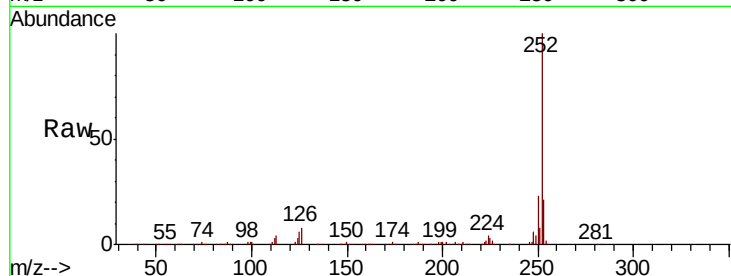
#89
Benzo(k)fluoranthene
Concen: 44.538 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	5.9	4.6	7.0

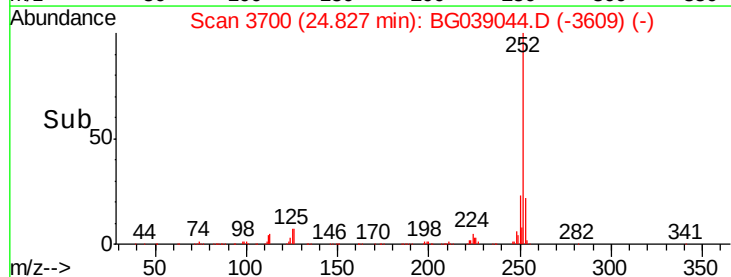
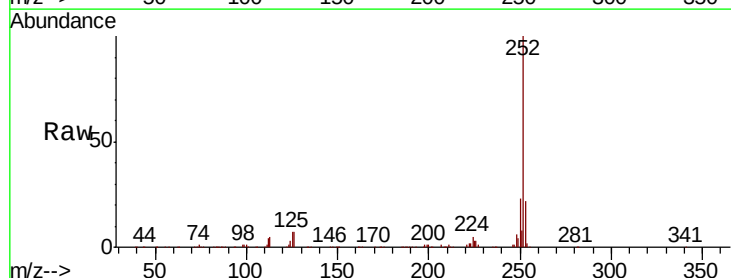
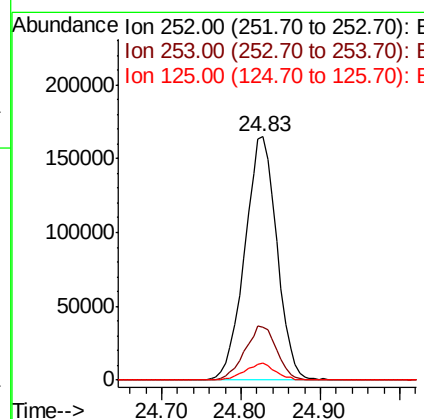
Manual Integrations
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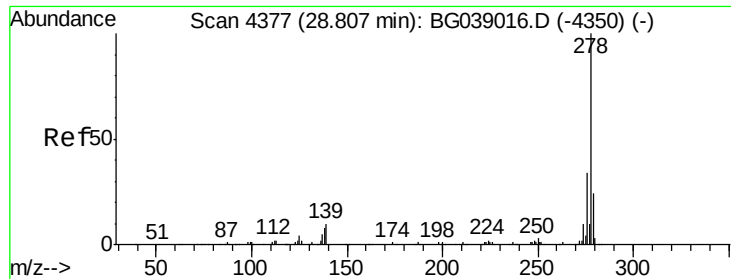
Sohil
1/10/2019 3:15:28 PM



#90
Benzo(a)pyrene
Concen: 45.245 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	6.8	4.9	7.3





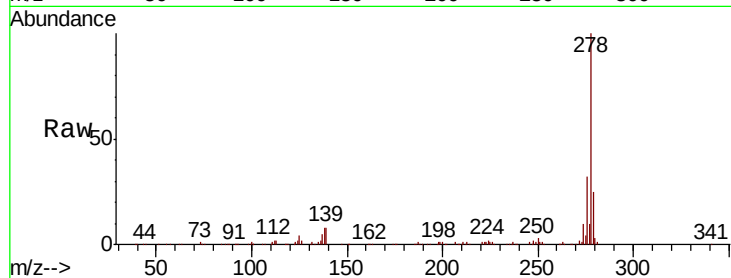
#91
Dibenzo(a,h)anthracene
Concen: 45.190 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.9	11.9
279	24.7	19.3	28.9

Manual Integrations
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1/10/2019 3:15:28 PM

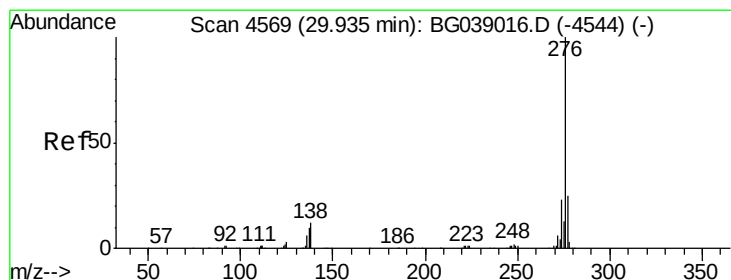
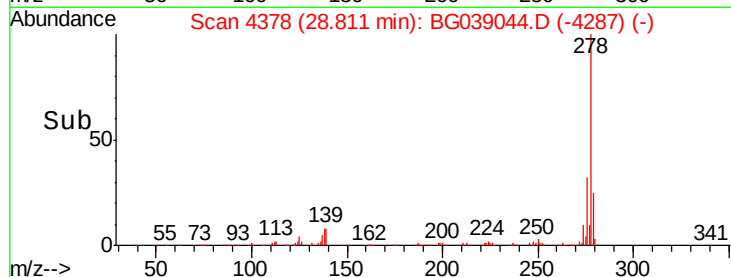
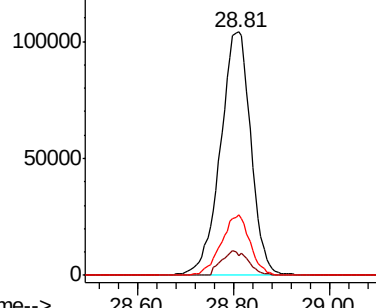


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.730 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.00 min
Lab File: BG039044.D
Acq: 10 Jan 2019 7:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.3	30.5
138	12.3	9.4	14.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

