

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039239.D
 Acq On : 21 Jan 2019 18:39
 Operator : JU/SJ
 Sample : K1015-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Manual Integrations
 APPROVED

Sohil
 1/22/2019 10:00:20 AM

Quant Time: Jan 22 00:09:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15023	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	61895	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	44807	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117138	20.00	ng	0.00
76) Chrysene-d12	21.67	240	122437	20.00	ng	0.00
87) Perylene-d12	24.93	264	130407	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	102046	128.86	ng	0.00
7) Phenol-d6	7.17	99	137205	120.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	96847	85.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	101225	134.77	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	279088	85.24	ng	0.00
79) Terphenyl-d14	20.00	244	540538	81.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	12407	40.006	ng	# 26
3) Pyridine	3.86	79	33838	40.155	ng	94
4) n-Nitrosodimethylamine	3.78	42	21190	55.881	ng	96
6) Aniline	7.34	93	34613	25.288	ng	98
8) 2-Chlorophenol	7.57	128	43799	46.917	ng	97
9) Benzaldehyde	7.15	77	10408	15.835	ng	96
10) Phenol	7.20	94	47998	42.006	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	37372	42.793	ng	97
12) 1,3-Dichlorobenzene	7.89	146	45126	40.345	ng	98
13) 1,4-Dichlorobenzene	8.04	146	45784	40.418	ng	97
14) 1,2-Dichlorobenzene	8.36	146	47920	44.368	ng	95
15) Benzyl Alcohol	8.25	79	45680	53.222	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	81281	48.538	ng	96
17) 2-Methylphenol	8.45	107	40926	51.582	ng	98
18) Hexachloroethane	9.09	117	16321	42.410	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	32682	43.668	ng	98
20) 3+4-Methylphenols	8.79	107	53678	47.451	ng	97
22) Acetophenone	8.84	105	68876	42.611	ng	98
24) Nitrobenzene	9.23	77	49215	43.046	ng	96
25) Isophorone	9.74	82	97528	50.055	ng	100
26) 2-Nitrophenol	9.94	139	27301	44.147	ng	93
27) 2,4-Dimethylphenol	9.99	122	46217	53.121	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	56437	48.195	ng	96
29) 2,4-Dichlorophenol	10.47	162	55173	51.046	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	55839	42.996	ng	98
31) Naphthalene	10.88	128	142294	45.838	ng	99
32) Benzoic acid	10.16	122	22755	43.603	ng	96
33) 4-Chloroaniline	11.00	127	10504	7.562	ng	99
34) Hexachlorobutadiene	11.13	225	37531	42.000	ng	95
35) Caprolactam	11.78	113	16968m	39.149	ng	
36) 4-Chloro-3-methylphenol	12.11	107	58602	50.692	ng	93
37) 2-Methylnaphthalene	12.48	142	116626	50.110	ng	97
38) 1-Methylnaphthalene	12.69	142	109239	48.899	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	74307	44.158	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	77220	81.372	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	50756	47.924	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	55950	49.984	nq	95
46) 1,1'-Biphenyl	13.48	154	153185	43.146	nq	99
47) 2-Chloronaphthalene	13.53	162	125082	43.536	nq	98
48) 2-Nitroaniline	13.75	65	37463	46.543	nq	97
49) Acenaphthylene	14.37	152	205286	47.537	nq	99
50) Dimethylphthalate	14.10	163	171977	45.420	nq	100
51) 2,6-Dinitrotoluene	14.24	165	38958	46.020	nq	97
52) Acenaphthene	14.72	154	117185	45.165	nq	95
53) 3-Nitroaniline	14.57	138	18317	21.330	nq	96
54) 2,4-Dinitrophenol	14.79	184	46303	90.713	nq	96
55) Dibenzofuran	15.05	168	204404	44.606	nq	98
56) 4-Nitrophenol	14.89	139	50844	82.285	nq	95
57) 2,4-Dinitrotoluene	15.03	165	55660	45.829	nq	96
58) Fluorene	15.70	166	167080	48.439	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	56369	53.347	nq	96
60) Diethylphthalate	15.46	149	180434	46.251	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	97094	44.681	nq	98
62) 4-Nitroaniline	15.74	138	37027	41.389	nq	98
63) Azobenzene	15.98	77	138112	45.271	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	36719	42.311	nq	91
66) n-Nitrosodiphenylamine	15.90	169	153493	44.202	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	65657	43.604	nq	96
68) Hexachlorobenzene	16.70	284	70139	42.688	nq	96
69) Atrazine	16.85	200	64050	43.418	nq	94
70) Pentachlorophenol	17.05	266	74466	73.835	nq	97
71) Phenanthrene	17.44	178	297526	48.054	nq	99
72) Anthracene	17.54	178	308160	50.338	nq	98
73) Carbazole	17.81	167	266187	44.047	nq	99
74) Di-n-butylphthalate	18.34	149	326829	48.614	nq	99
75) Fluoranthene	19.45	202	376306	49.026	nq	99
77) Benzidine	19.64	184	50475	13.478	nq	97
78) Pyrene	19.82	202	371199	47.573	nq	99
80) Butylbenzylphthalate	20.68	149	137038	46.177	nq	97
81) Benzo(a)anthracene	21.65	228	366103	49.119	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	68738	22.635	nq	100
83) Chrysene	21.72	228	344179	48.553	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	200400	48.633	nq	97
85) Di-n-octyl phthalate	22.73	149	348306	49.989	nq	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	425795	50.268	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	359791	50.036	nq	99
89) Benzo(k)fluoranthene	23.96	252	363415	51.117	nq	100
90) Benzo(a)pyrene	24.78	252	357200	51.394	nq	98
91) Dibenzo(a,h)anthracene	28.73	278	356352	51.546	nq	99
92) Benzo(g,h,i)perylene	29.85	276	352977	51.574	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

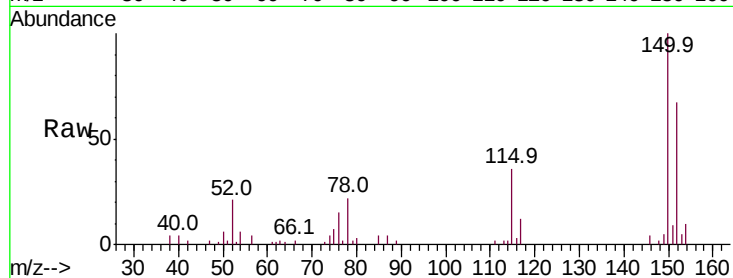
ClientSampleId :

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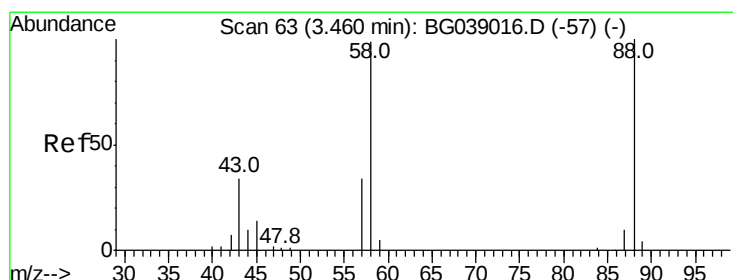
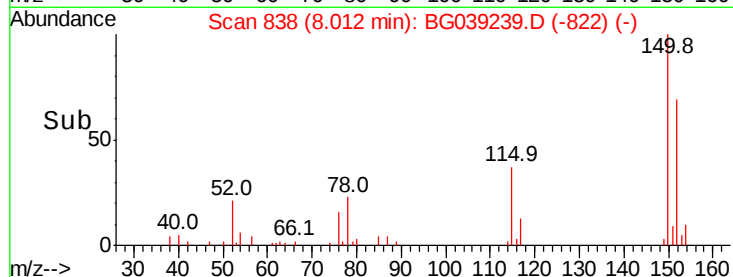
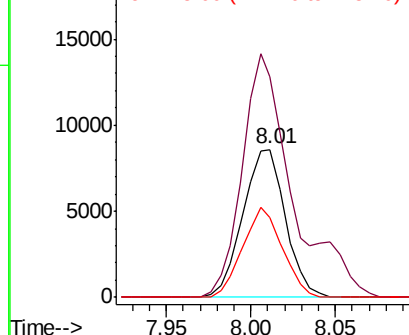
Tot Ion:	152	Resp:	15023
Ion Ratio	Lower	Upper	
152	100		
150	148.8	124.7	187.1
115	53.5	46.5	69.7

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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: 40.006 ng

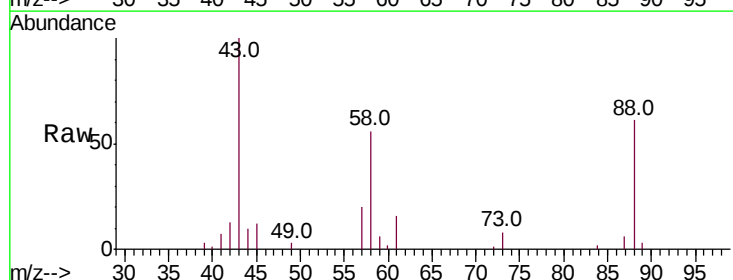
RT: 3.45 min Scan# 61

Delta R.T. 0.00 min

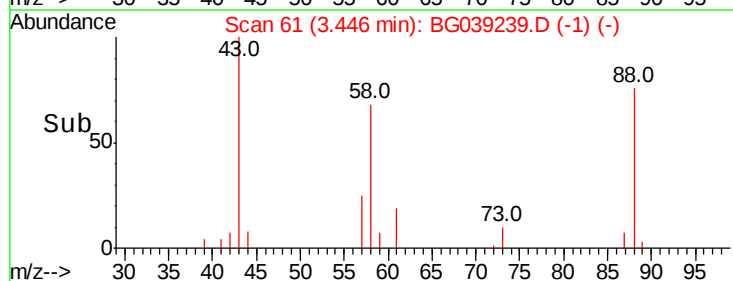
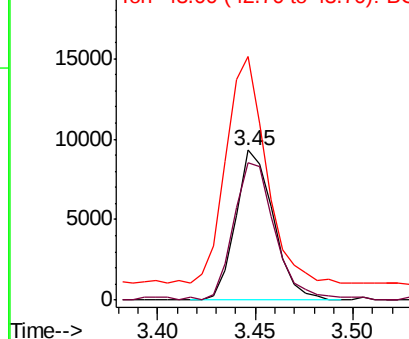
Lab File: BG039239.D

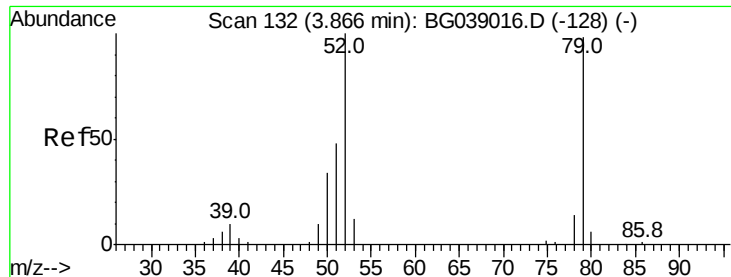
Acq: 21 Jan 2019 18:39

Tgt Ion:	88	Resp:	12407
Ion Ratio	Lower	Upper	
88	100		
58	102.6	72.4	108.6
43	170.6	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: 40.155 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

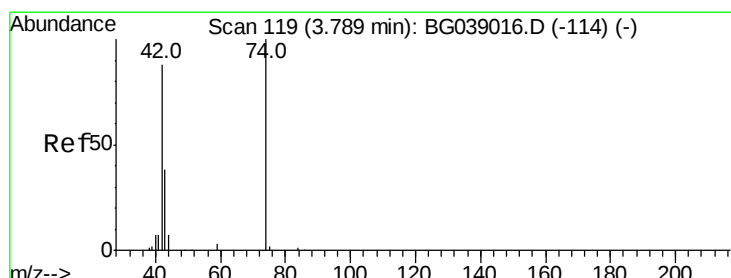
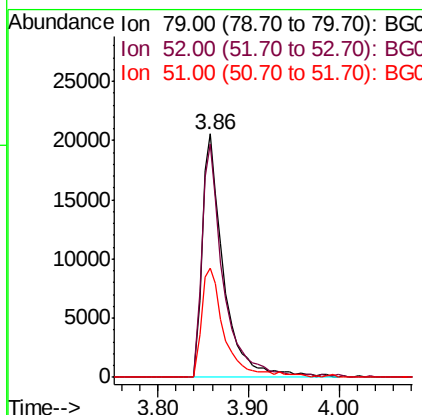
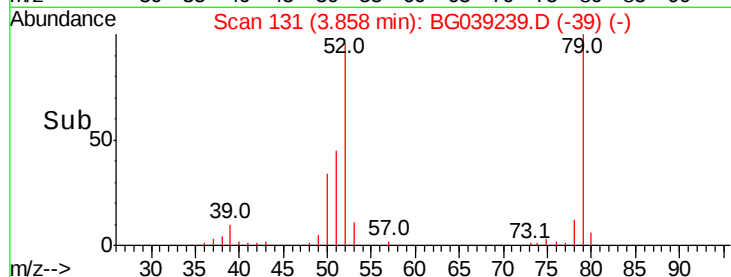
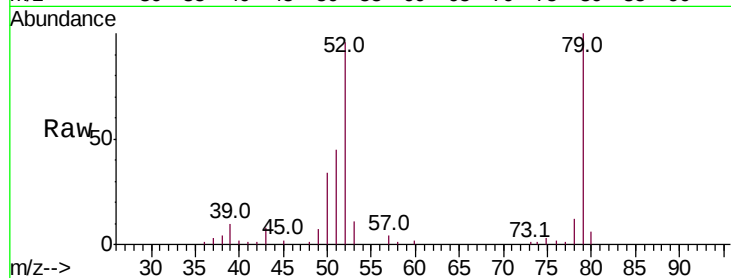
ClientSampleId :

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Tot Ion:	79	Resp:	33838
Ion	Ratio	Lower	Upper
79	100		
52	95.8	81.5	122.3
51	44.7	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 55.881 ng

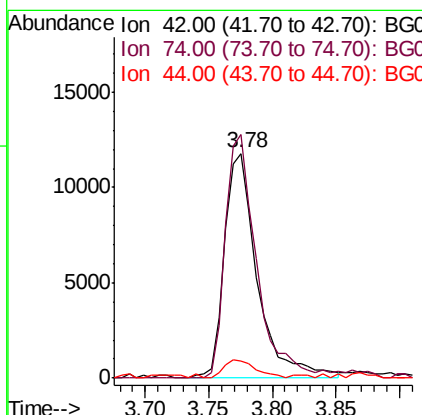
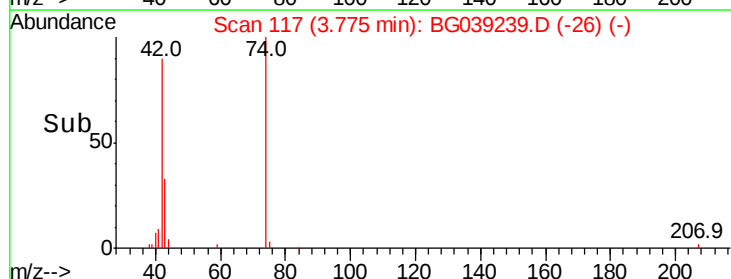
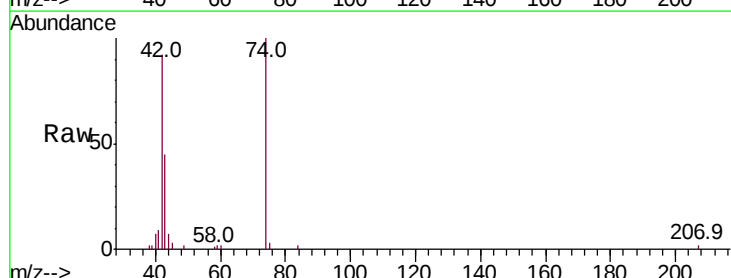
RT: 3.78 min Scan# 117

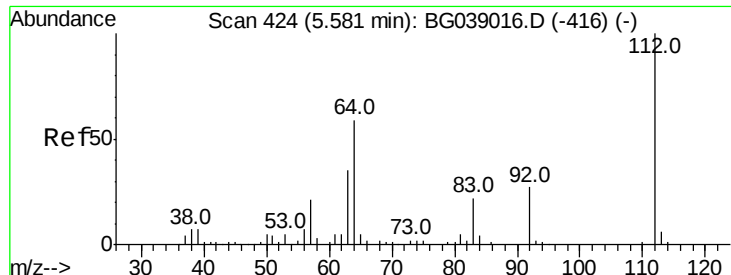
Delta R.T. 0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	42	Resp:	21190
Ion	Ratio	Lower	Upper
42	100		
74	108.4	90.7	136.1
44	7.5	6.5	9.7





#5

2-Fluorophenol

Concen: 128.855 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

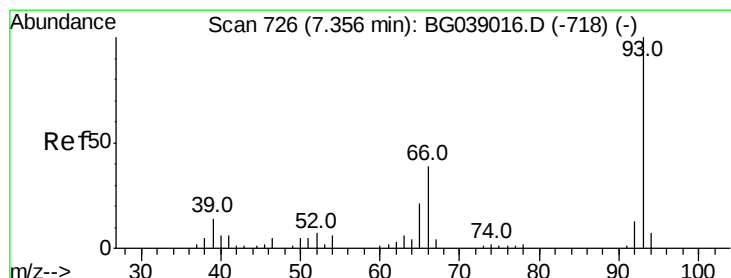
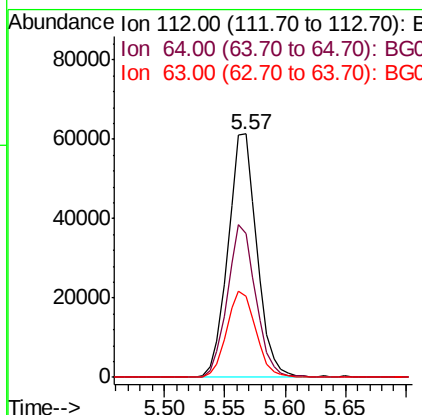
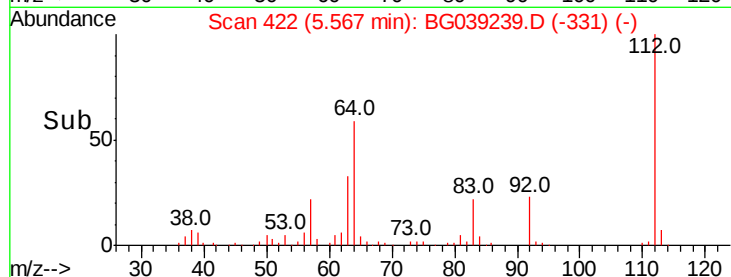
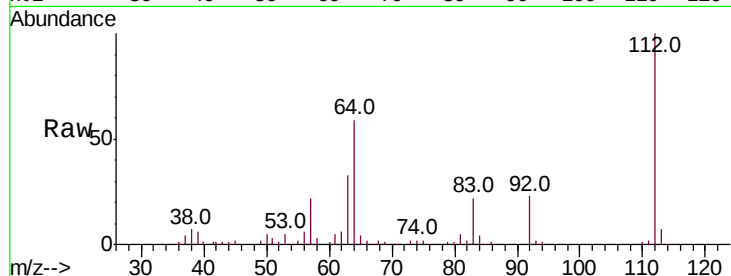
ClientSampleId :

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Tot Ion:	112	Resp:	102046
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.0	70.6
63	33.2	28.0	42.0

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#6

Aniline

Concen: 25.288 ng

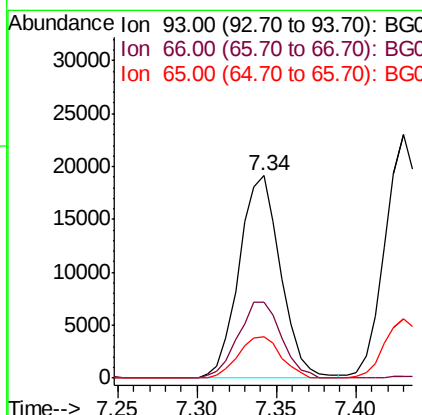
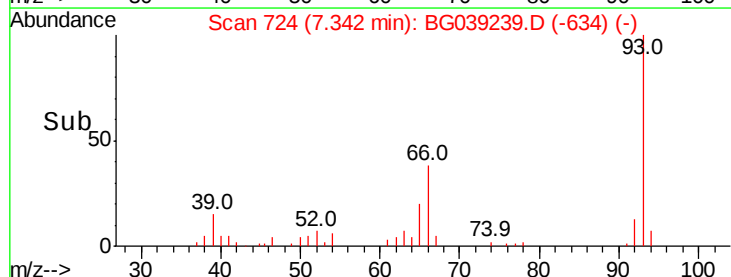
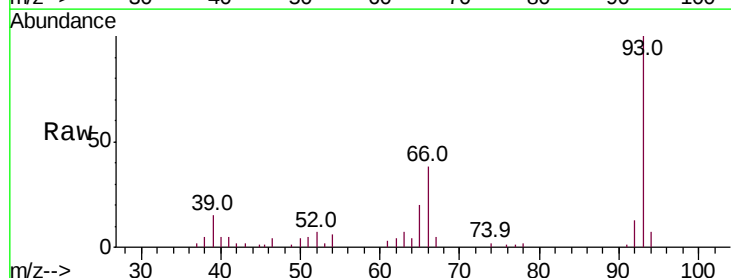
RT: 7.34 min Scan# 724

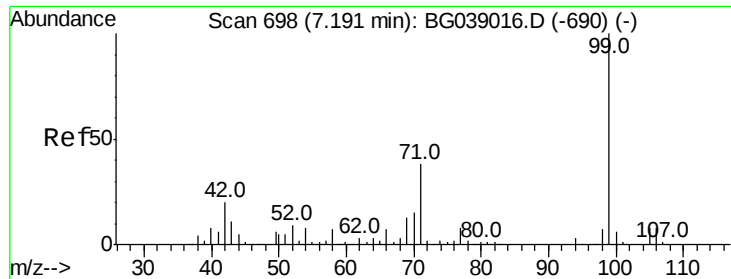
Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	93	Resp:	34613
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.9	46.3
65	20.2	17.0	25.4





#7

Phenol-d6

Concen: 120.386 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

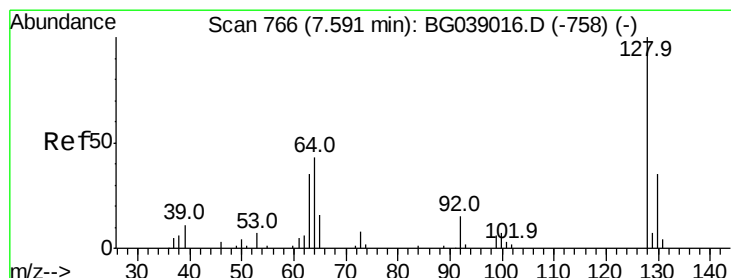
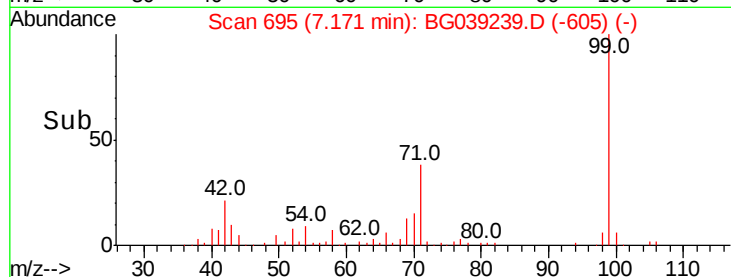
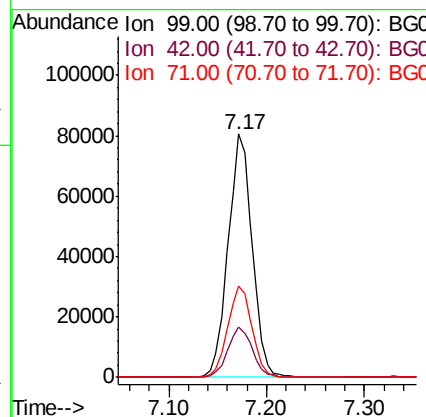
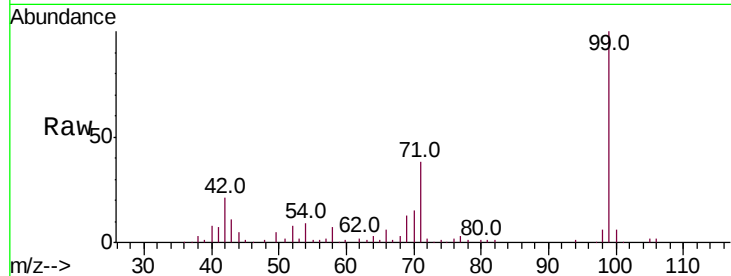
ClientSampleId :

SU-01-011719-AMS

Tot Ion:	99	Resp:	137205
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.8	23.6
71	37.7	30.2	45.4

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#8

2-Chlorophenol

Concen: 46.917 ng

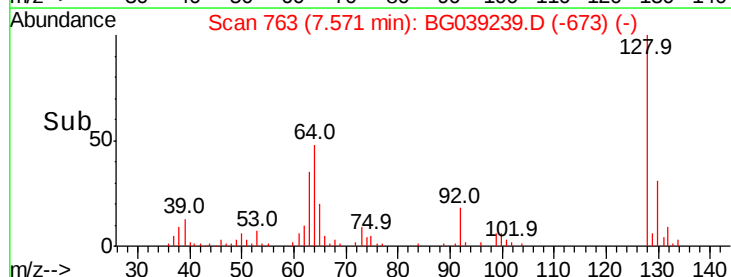
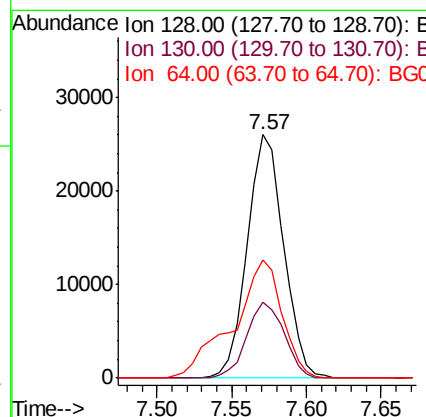
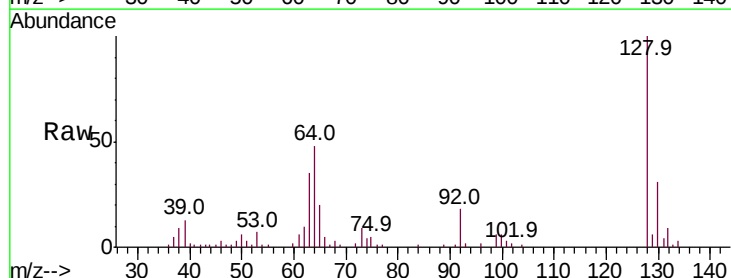
RT: 7.57 min Scan# 763

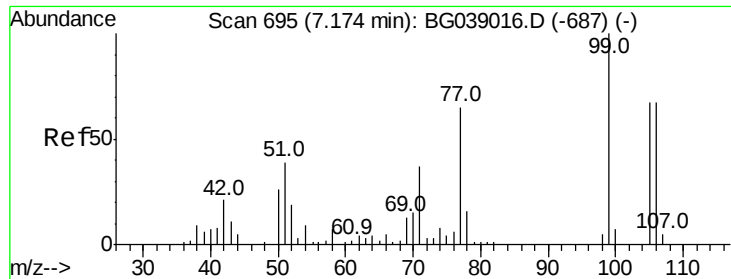
Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	128	Resp:	43799
Ion Ratio	Lower	Upper	
128	100		
130	31.3	14.5	54.5
64	48.5	27.3	67.3





#9

Benzaldehyde

Concen: 15.835 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

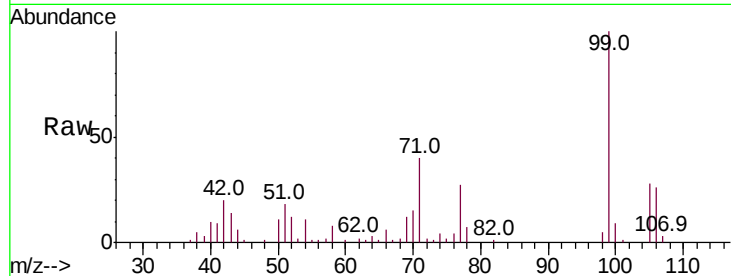
ClientSampleId :

SU-01-011719-AMS

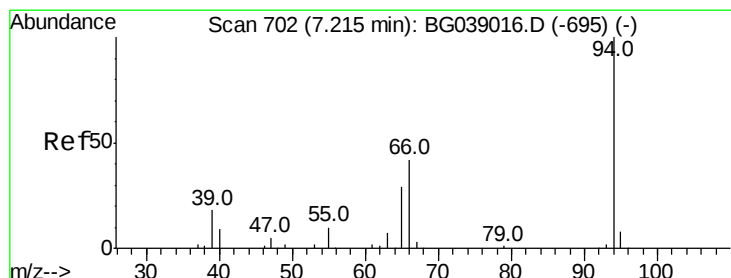
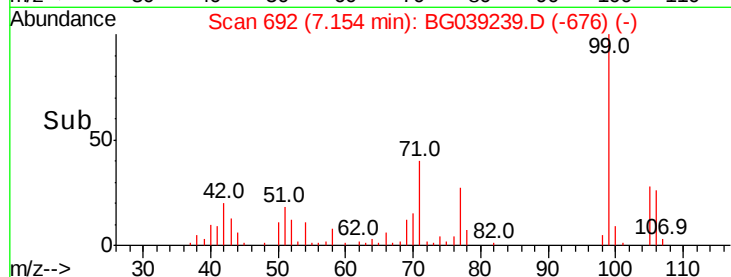
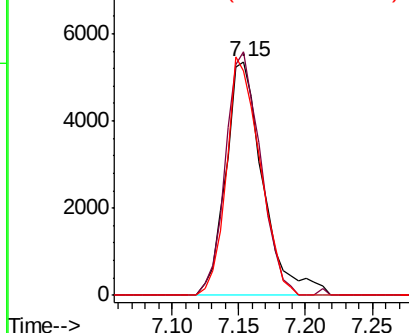
Tot Ion:	77	Resp:	10408
Ion	Ratio	Lower	Upper
77	100		
105	104.3	82.4	122.4
106	95.9	82.8	122.8

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



#10

Phenol

Concen: 42.006 ng

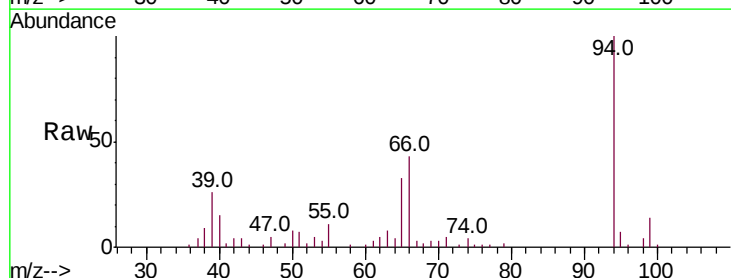
RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

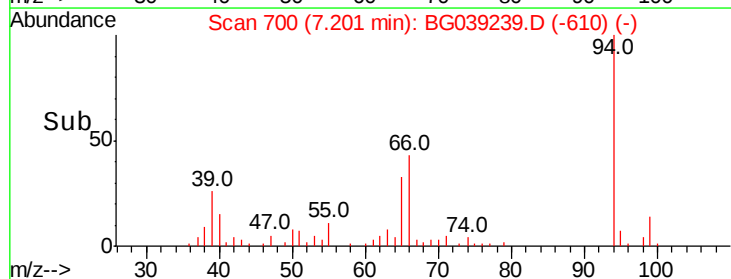
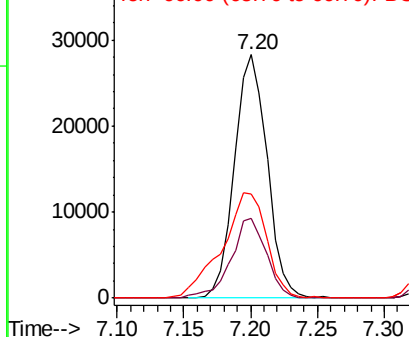
Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	94	Resp:	47998
Ion	Ratio	Lower	Upper
94	100		
65	32.8	10.3	50.3
66	42.7	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





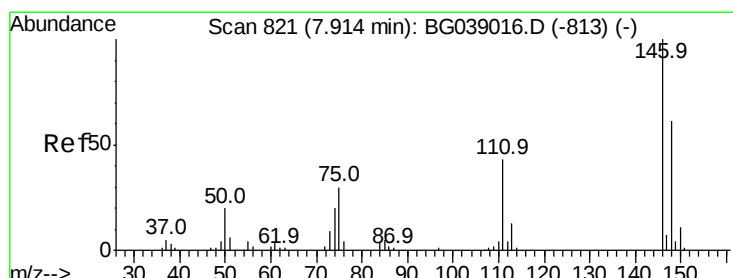
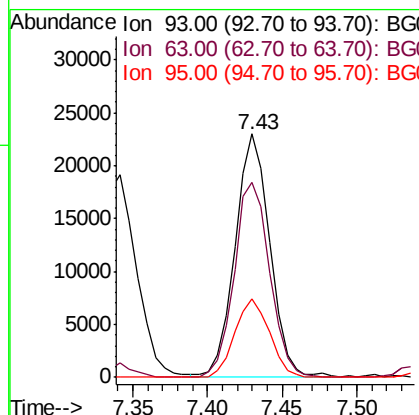
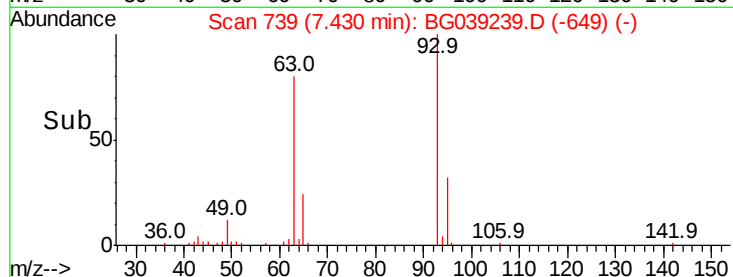
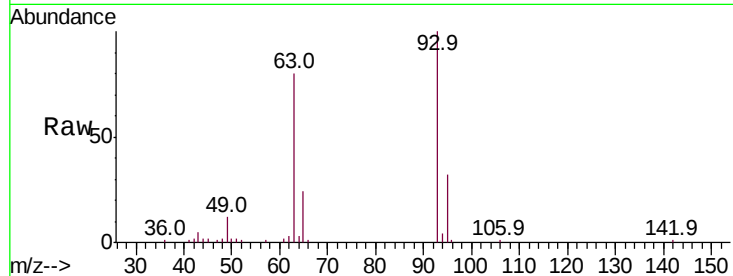
#11
bis(2-Chloroethyl)ether
Concen: 42.793 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	63.2	103.2
95	32.5	11.2	51.2

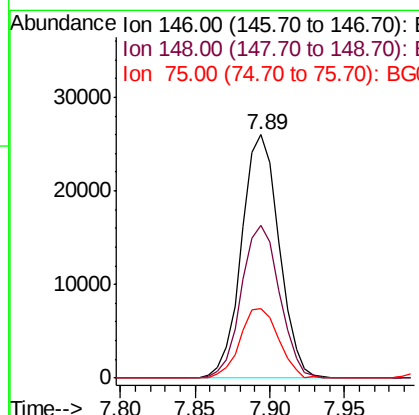
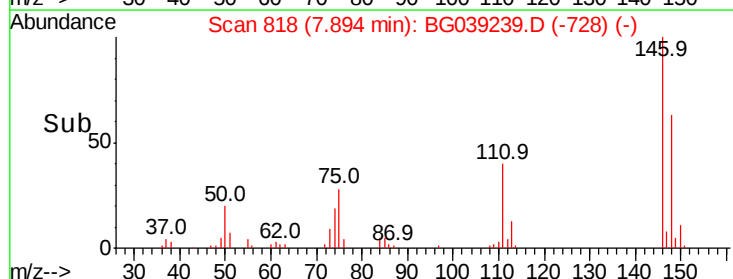
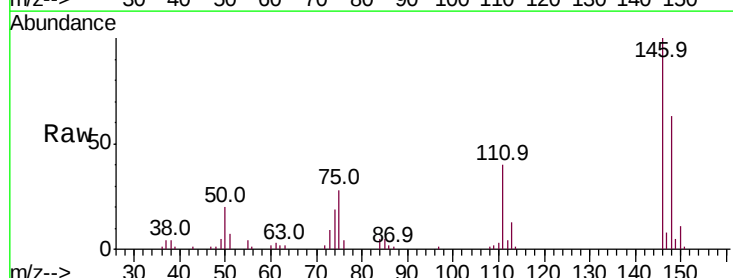
Manual Integrations
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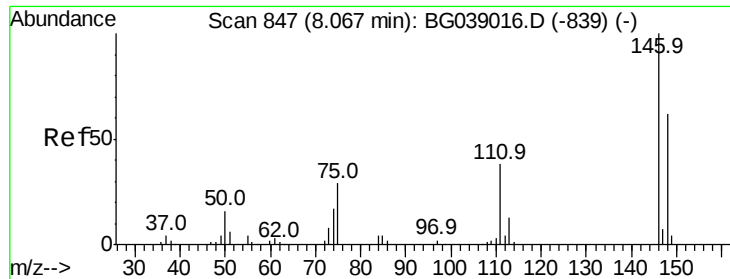
Sohil
1/22/2019 10:00:20 AM



#12
1,3-Dichlorobenzene
Concen: 40.345 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.1	73.7
75	28.3	23.9	35.9





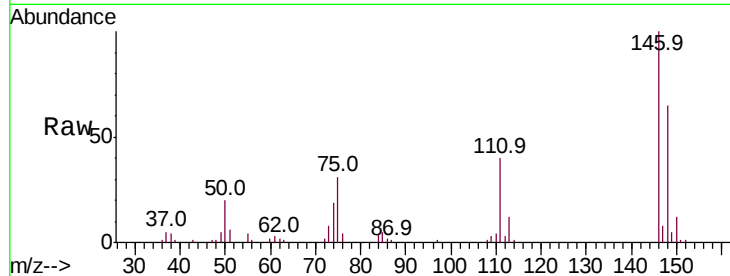
#13
 1,4-Dichlorobenzene
 Concen: 40.418 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.8	74.6
111	40.2	30.6	45.8

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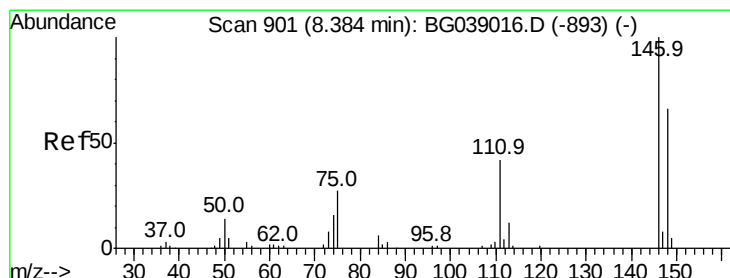
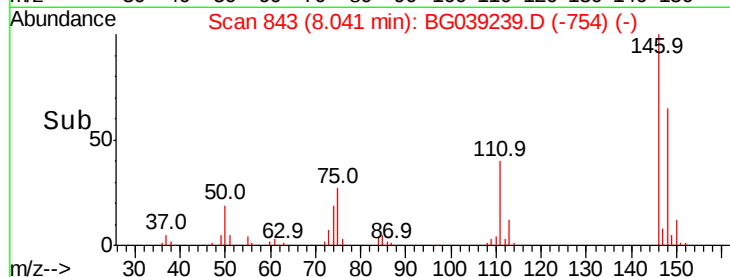
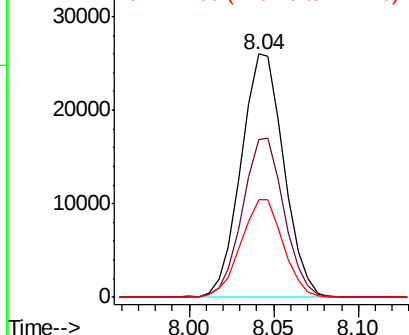


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.368 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

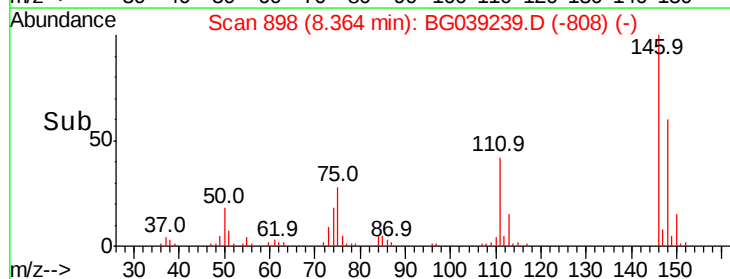
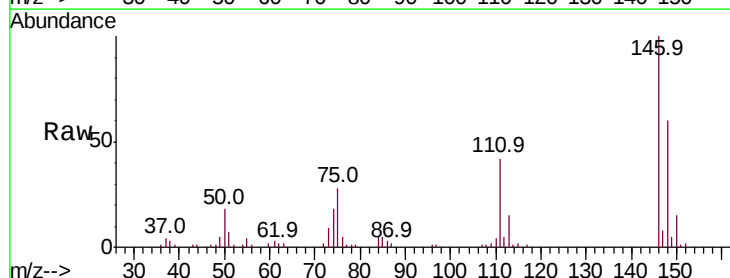
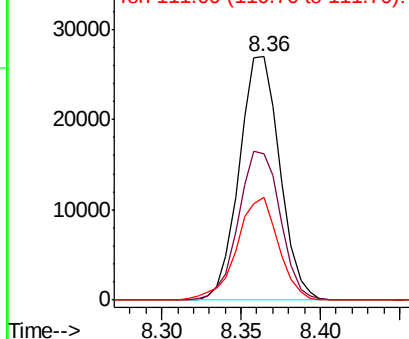
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	52.6	79.0
111	42.4	34.6	51.8

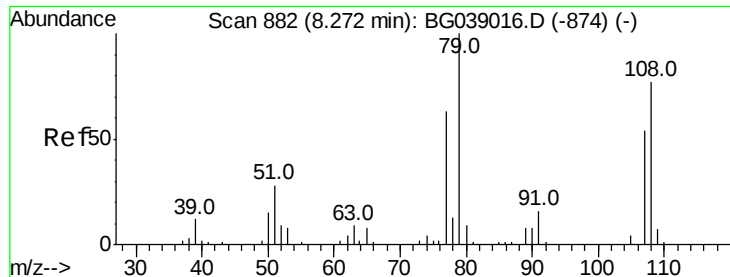
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.222 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

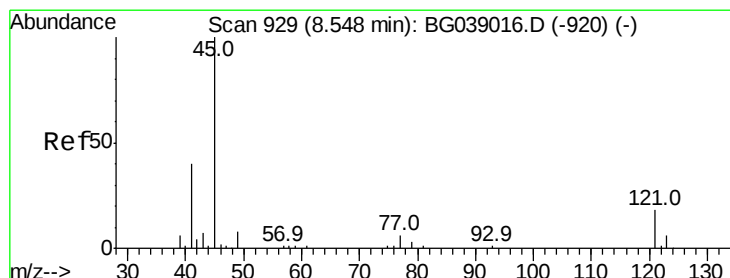
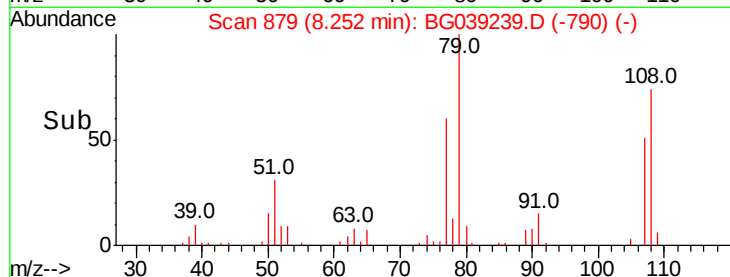
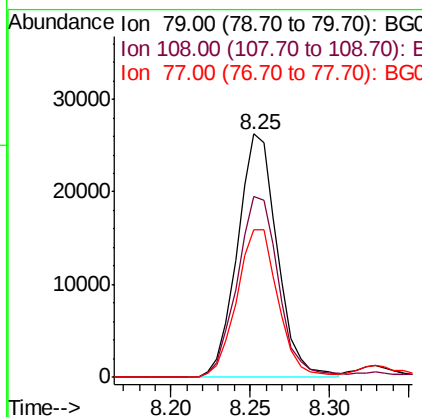
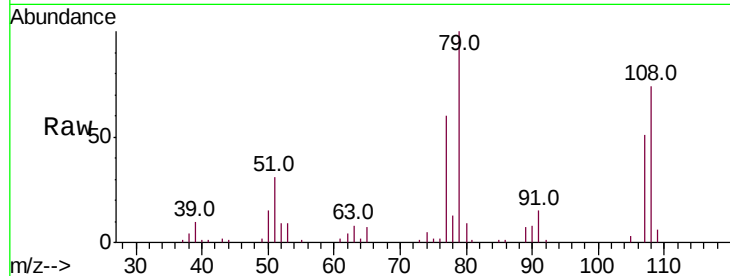
ClientSampleId :

SU-01-011719-AMS

Tot Ion:	79	Resp:	45680
Ion Ratio	Lower	Upper	
79	100		
108	74.2	62.0	93.0
77	60.4	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.538 ng

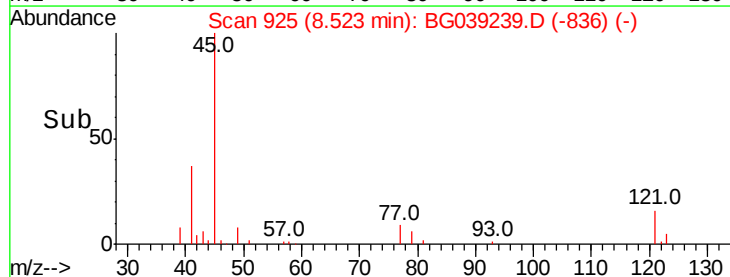
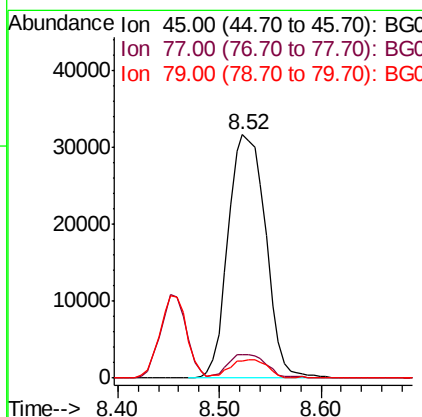
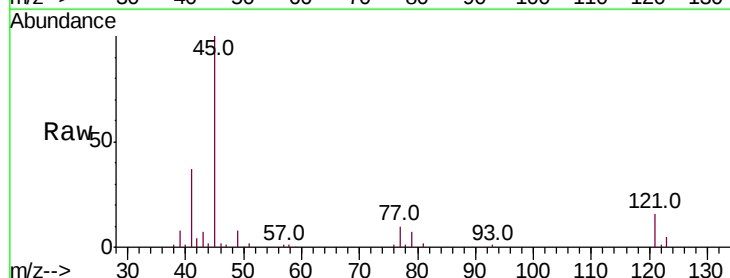
RT: 8.52 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	45	Resp:	81281
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.7
79	6.8	0.0	28.5





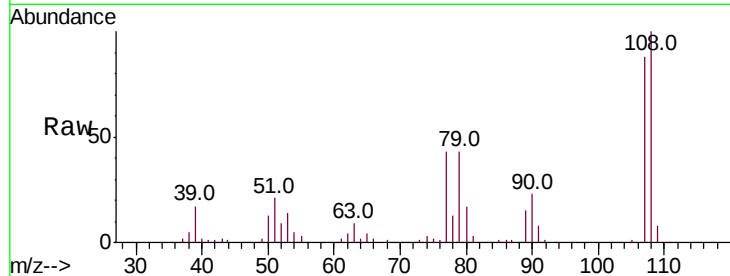
#17
2-Methylphenol
Concen: 51.582 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.3	135.5
77	49.1	38.3	57.5
79	48.9	35.8	53.6

Manual Integrations
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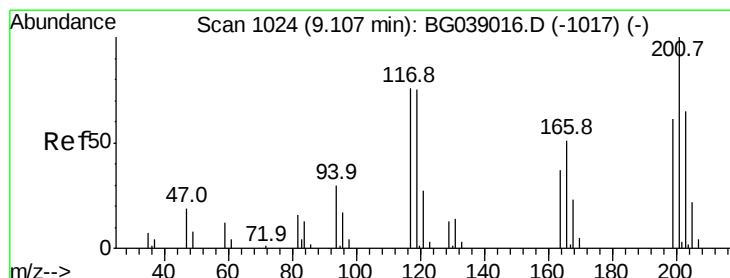
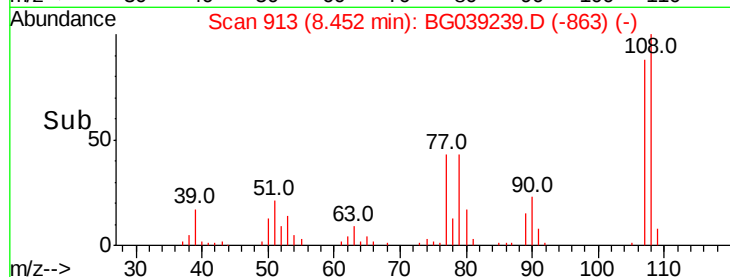
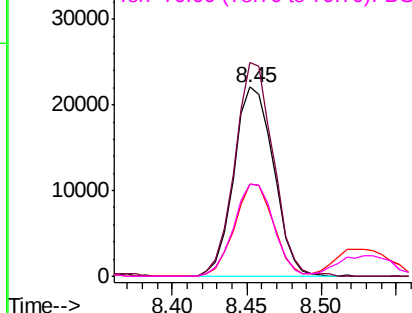
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.410 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

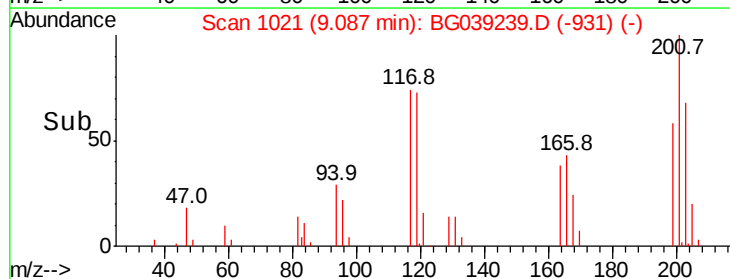
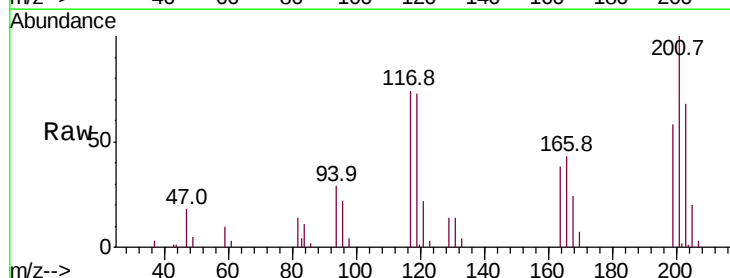
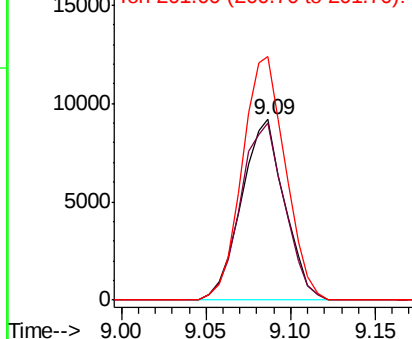
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.7	118.1
201	138.2	108.1	162.1

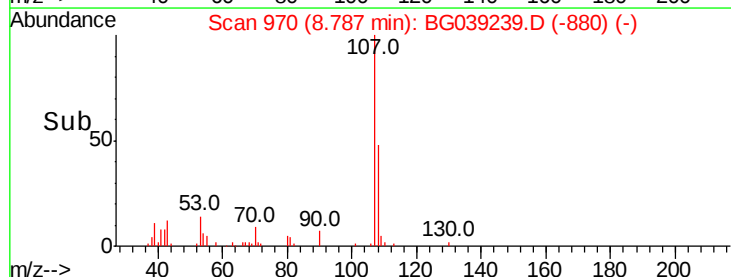
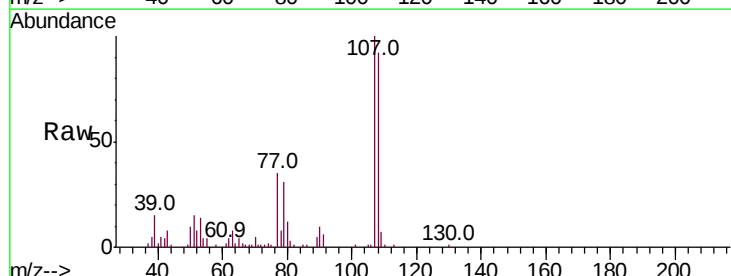
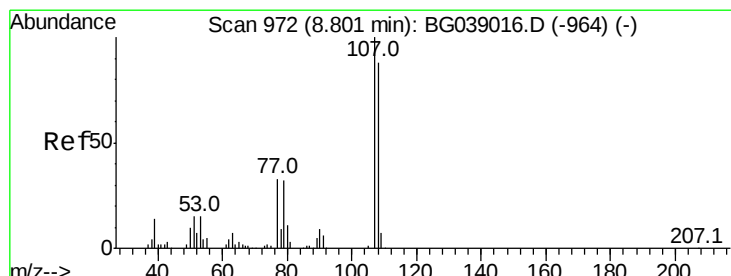
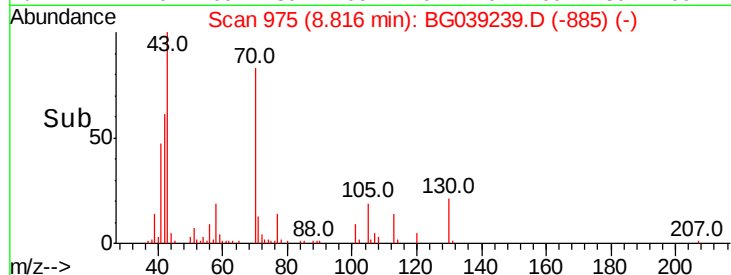
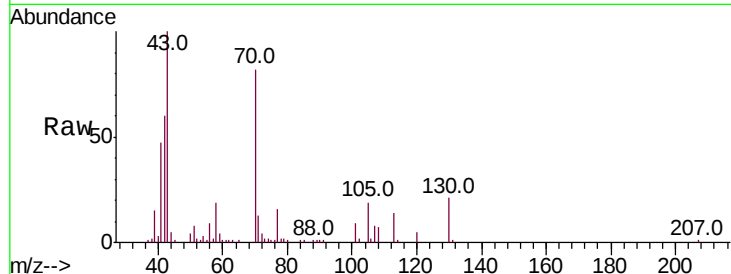
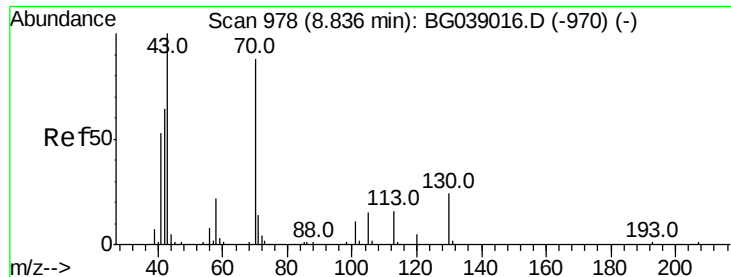
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





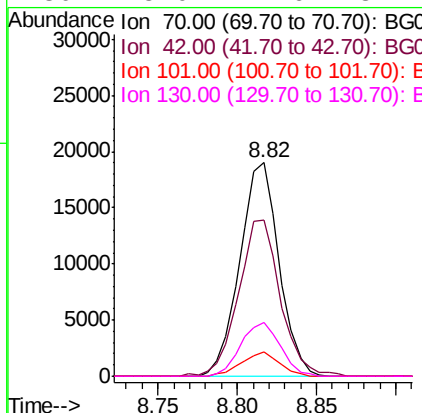
#19
n-Nitroso-di-n-propylamine
Concen: 43.668 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.0	59.0	88.4
101	11.2	10.4	15.6
130	25.0	21.6	32.4

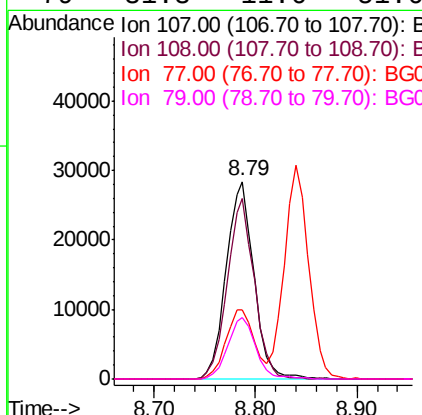
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#20
3+4-Methylphenols
Concen: 47.451 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.4	108.4
77	34.9	13.3	53.3
79	31.3	11.6	51.6





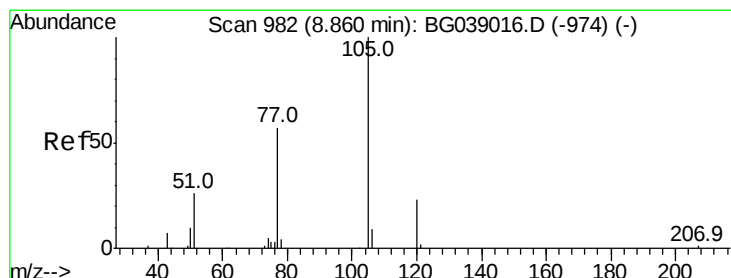
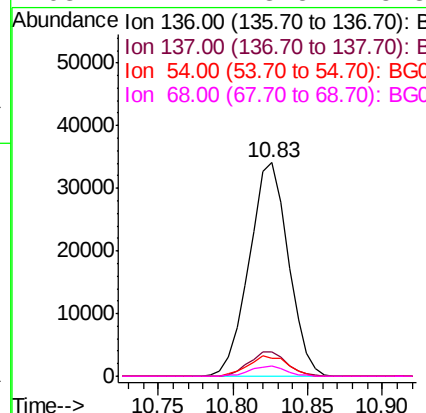
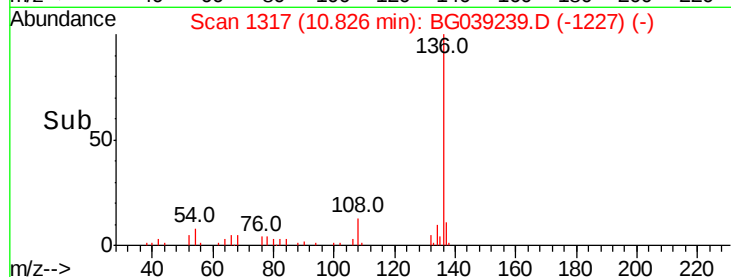
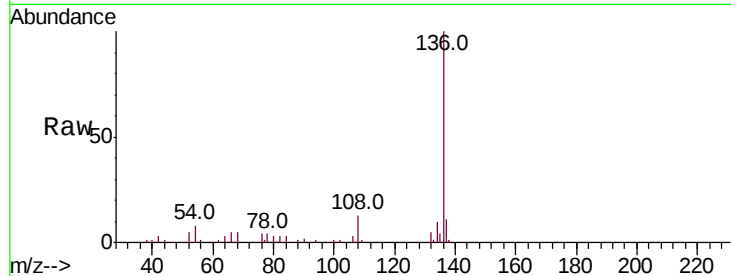
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	61895		
137	11.5	9.4	14.2	
54	8.2	7.2	10.8	
68	4.7	3.5	5.3	

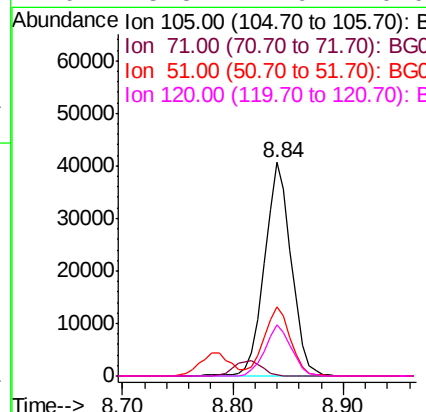
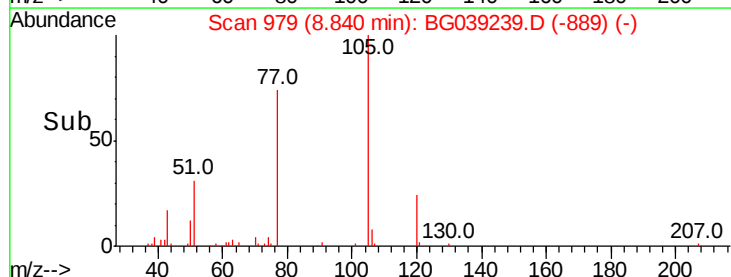
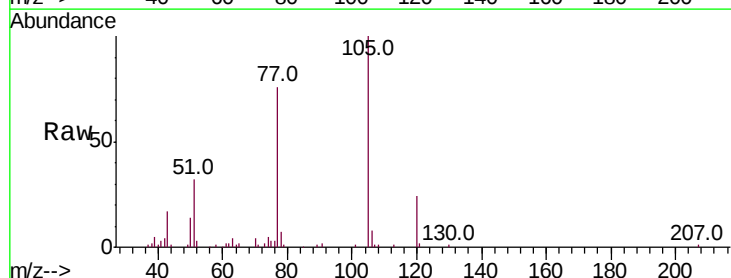
Manual Integrations
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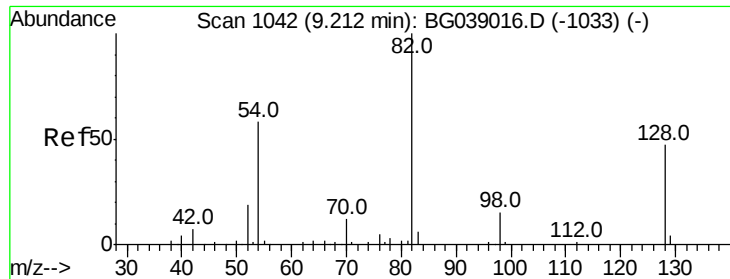
Sohil
1/22/2019 10:00:20 AM



#22
Acetophenone
Concen: 42.611 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	68876		
71	0.7	0.6	1.0	
51	32.2	26.6	39.8	
120	23.8	17.9	26.9	





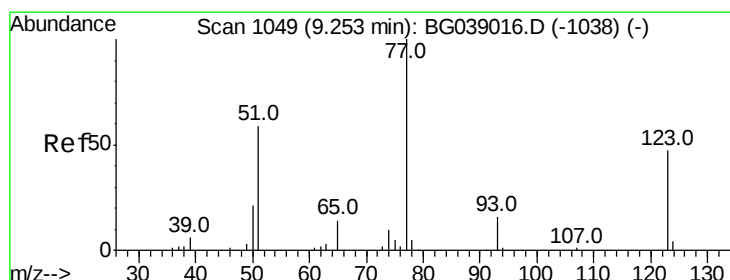
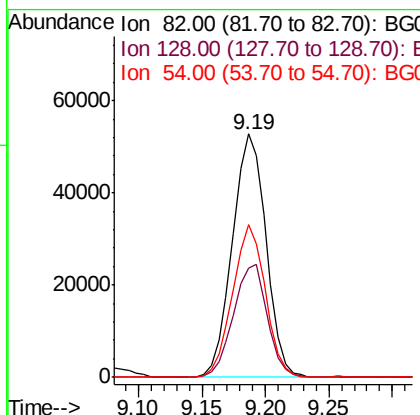
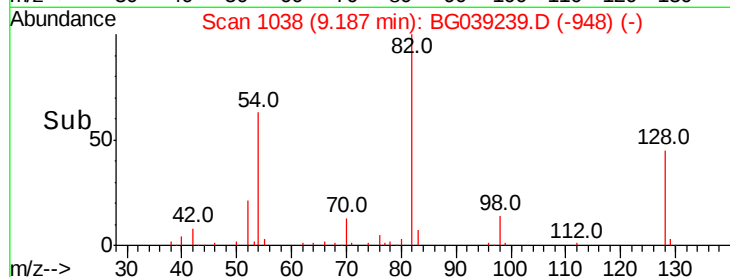
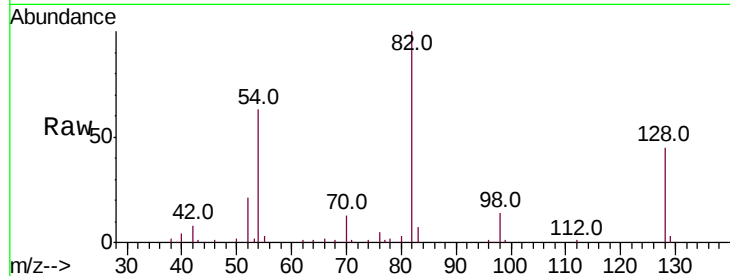
#23
 Nitrobenzene-d5
 Concen: 85.619 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion:	82	Resp:	96847
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.3	55.9
54	62.9	46.4	69.6

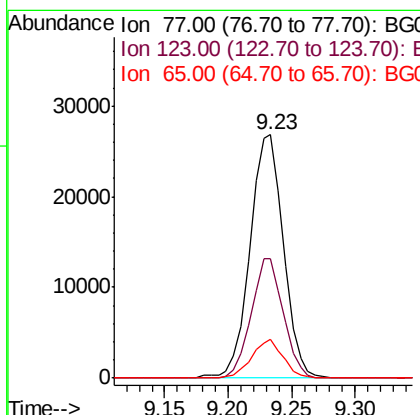
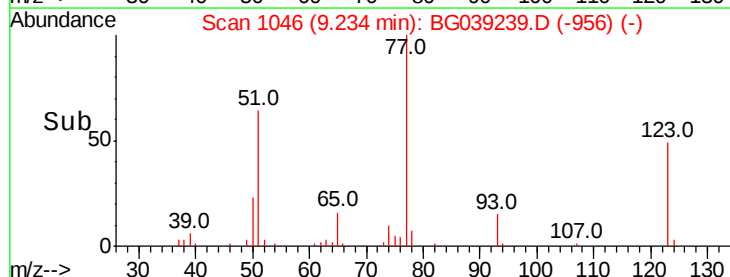
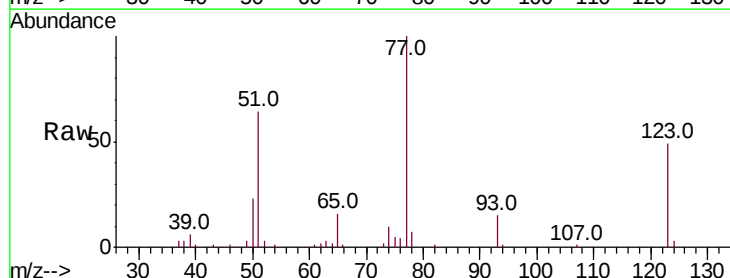
Manual Integrations
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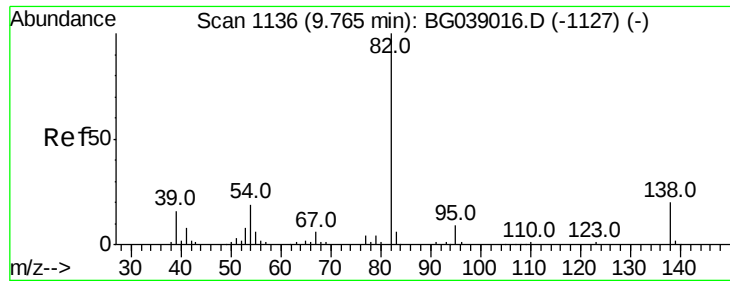
Sohil
 1/22/2019 10:00:20 AM



#24
 Nitrobenzene
 Concen: 43.046 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion:	77	Resp:	49215
Ion Ratio	Lower	Upper	
77	100		
123	49.2	37.6	56.4
65	15.8	11.0	16.6





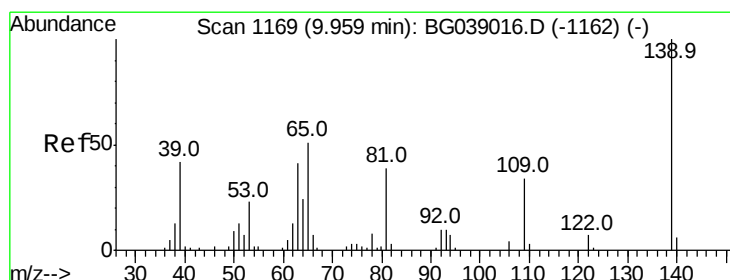
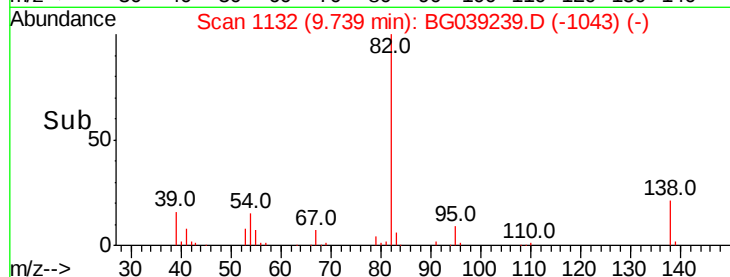
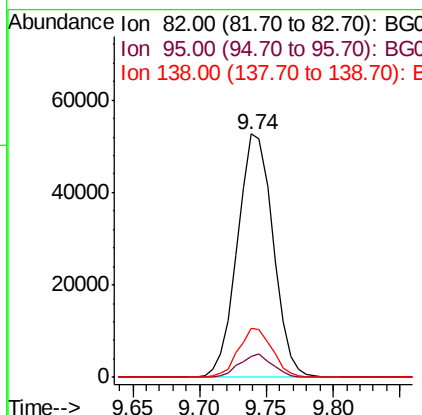
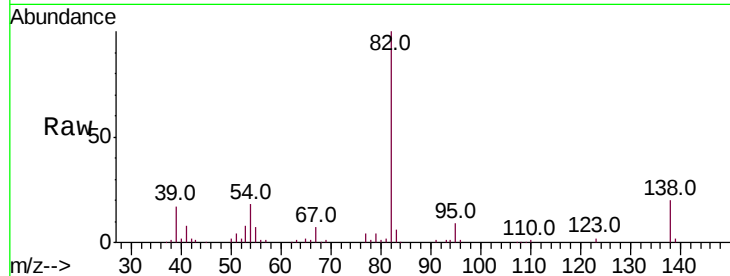
#25
Isophorone
Concen: 50.055 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	7.0	10.6
138	20.0	16.2	24.4

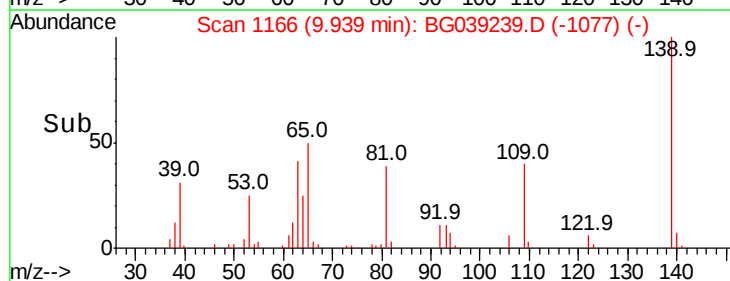
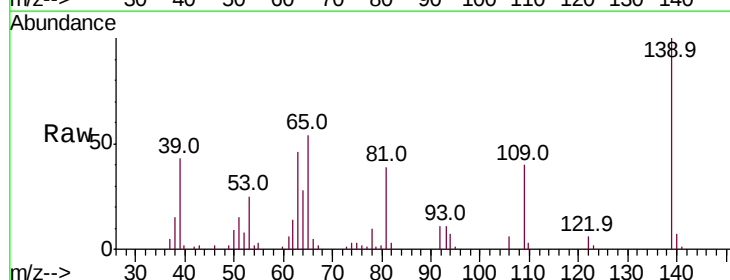
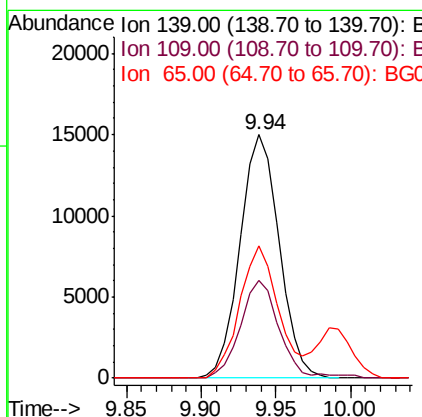
Manual Integrations
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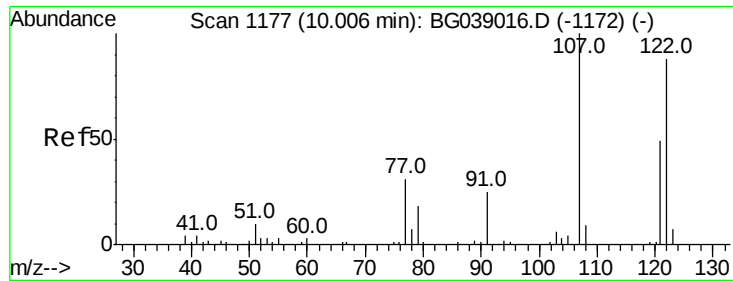
Sohil
1/22/2019 10:00:20 AM



#26
2-Nitrophenol
Concen: 44.147 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.2	27.3	40.9
65	54.3	40.6	61.0





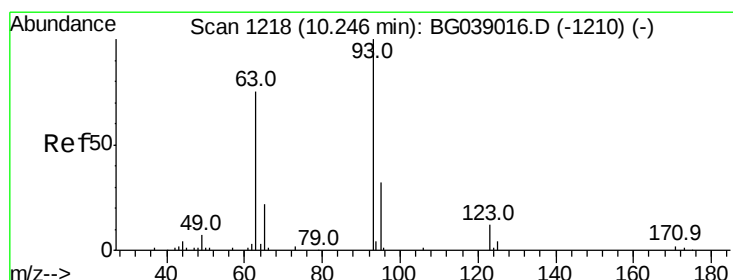
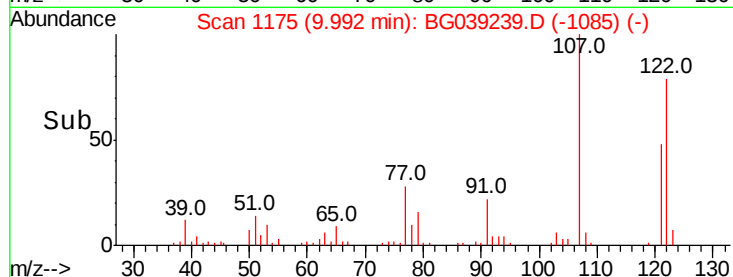
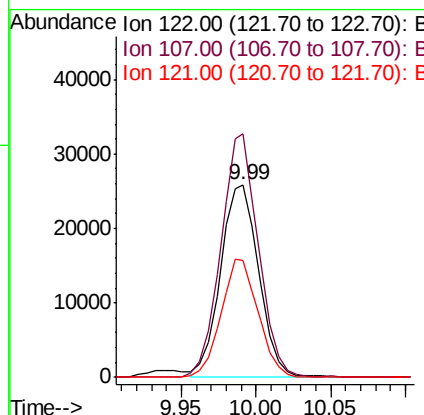
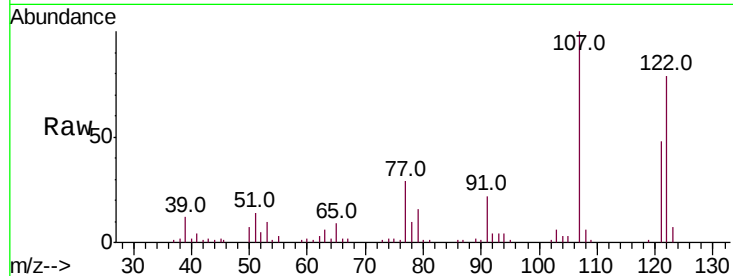
#27
 2,4-Dimethylphenol
 Concen: 53.121 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion:	122	Resp:	46217
Ion	Ratio	Lower	Upper
122	100		
107	126.5	88.8	133.2
121	60.8	43.1	64.7

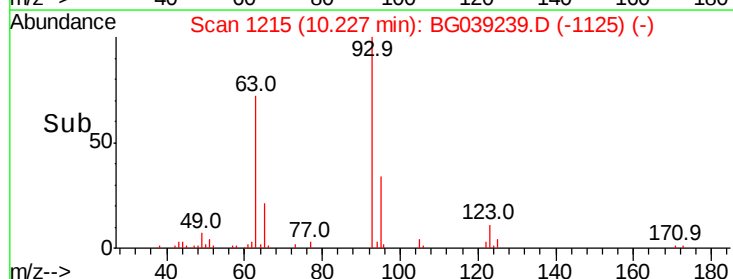
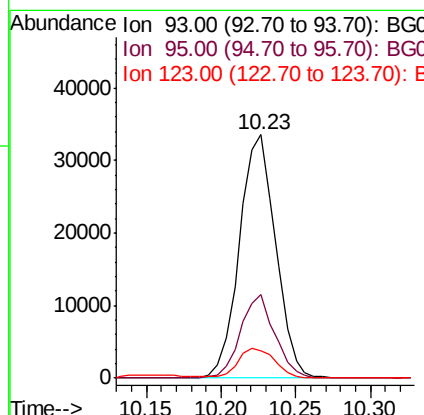
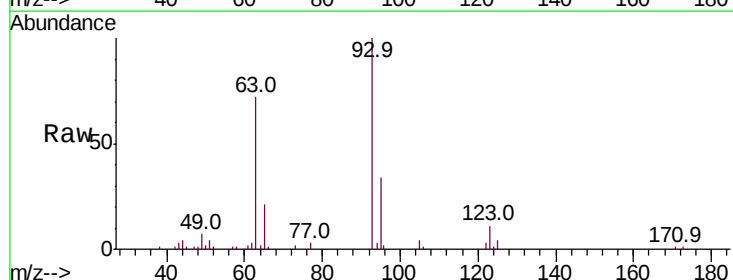
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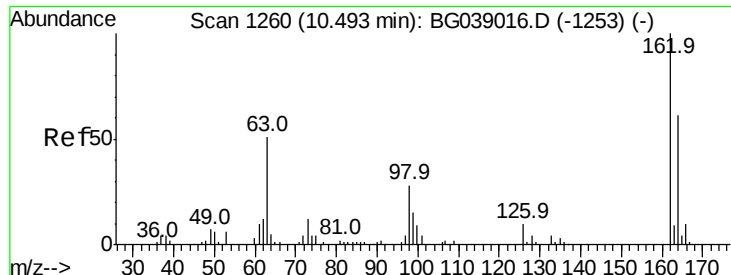
Sohil
 1/22/2019 10:00:20 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.195 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion:	93	Resp:	56437
Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.6	38.4
123	11.3	10.1	15.1





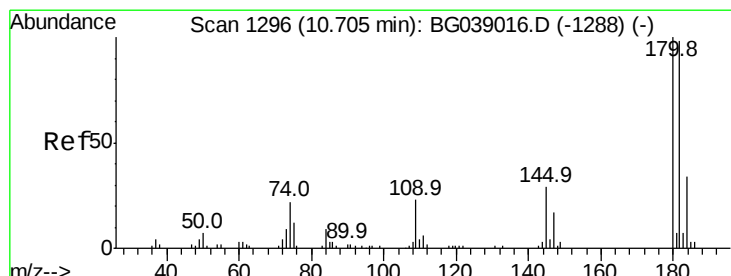
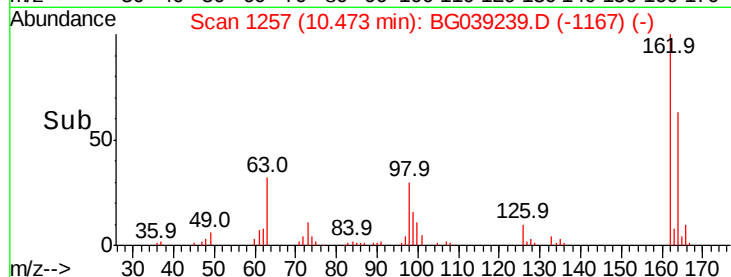
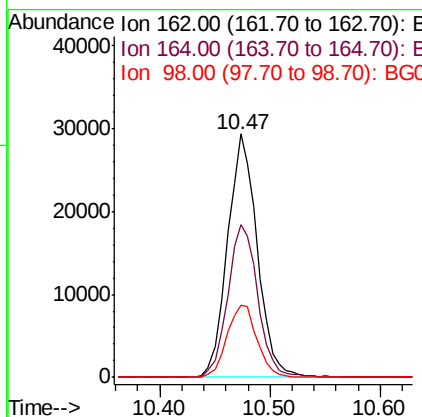
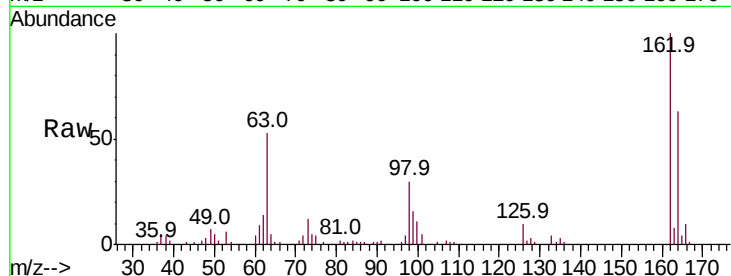
#29
 2,4-Dichlorophenol
 Concen: 51.046 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion:	162	Resp:	55173
Ion Ratio	Lower	Upper	
162	100		
164	62.8	41.3	81.3
98	29.8	8.3	48.3

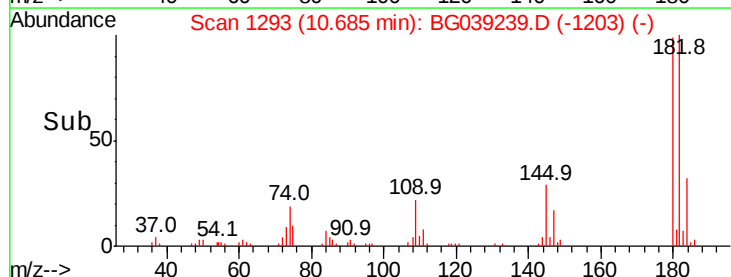
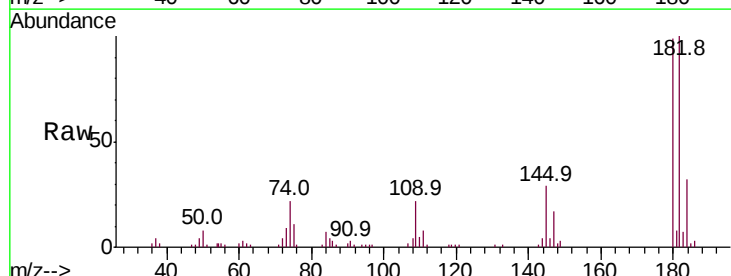
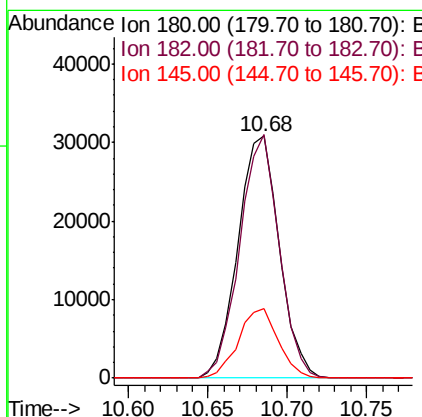
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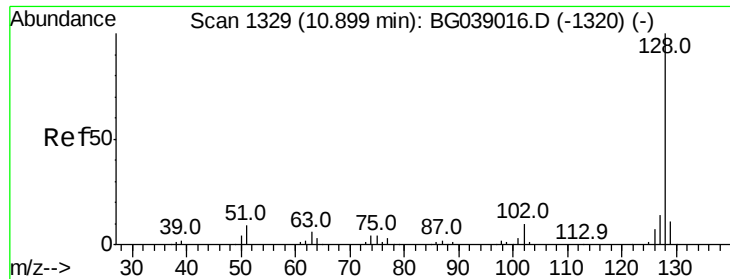
Sohil
 1/22/2019 10:00:20 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.996 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion:	180	Resp:	55839
Ion Ratio	Lower	Upper	
180	100		
182	100.5	78.1	117.1
145	28.9	23.1	34.7





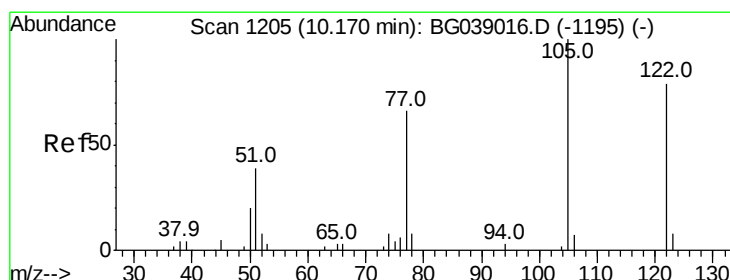
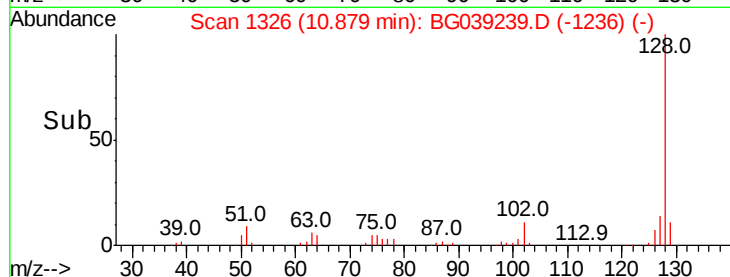
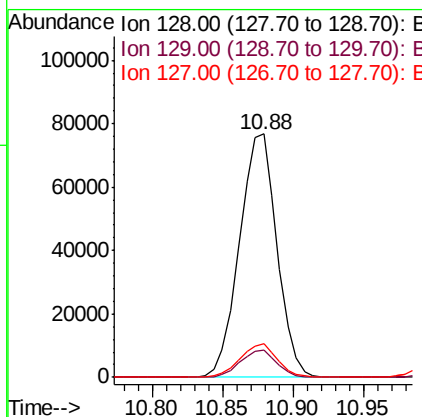
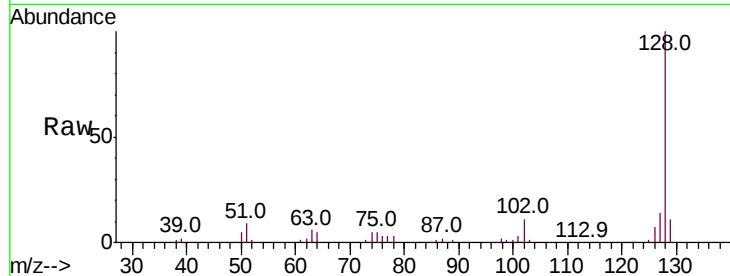
#31
Naphthalene
Concen: 45.838 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.6	11.2	16.8

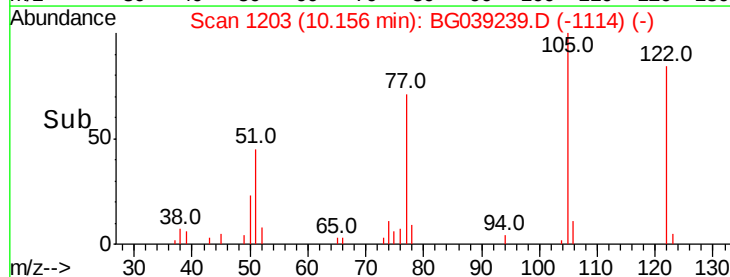
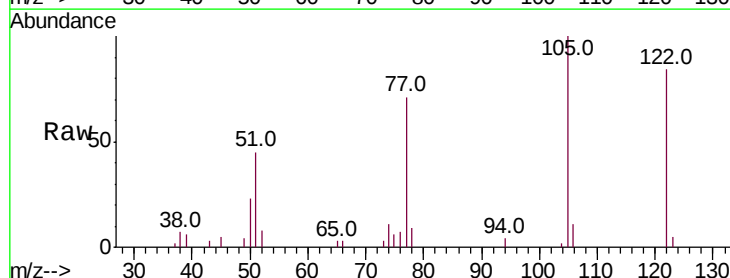
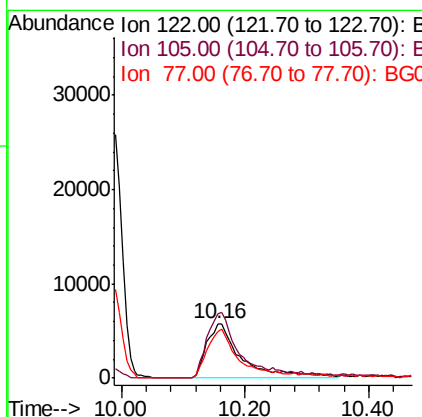
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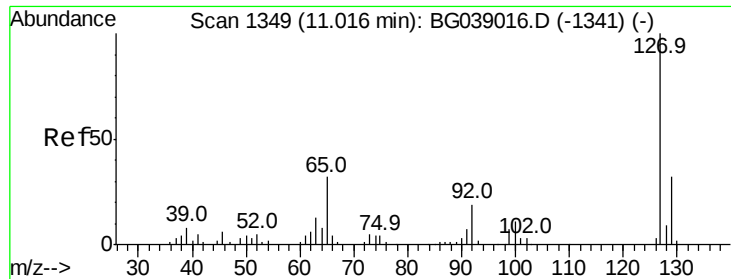
Sohil
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#32
Benzoic acid
Concen: 43.603 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	106.4	146.4
77	84.1	63.6	103.6





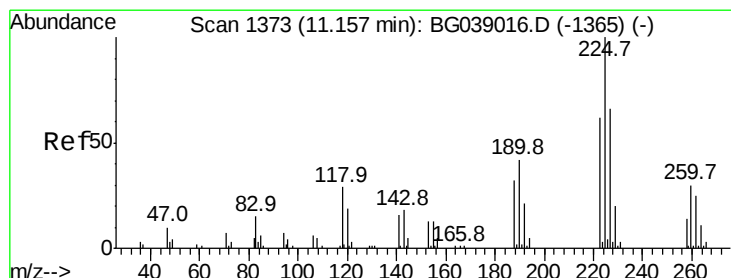
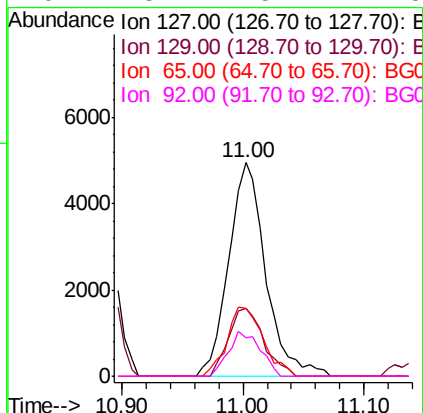
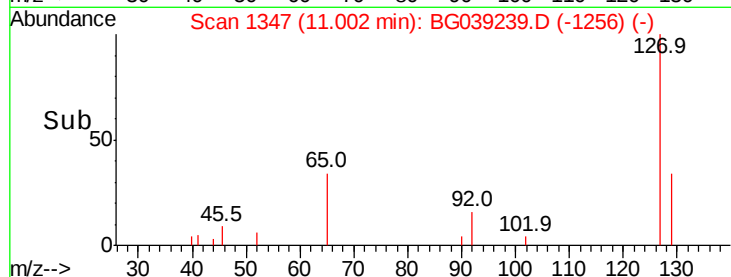
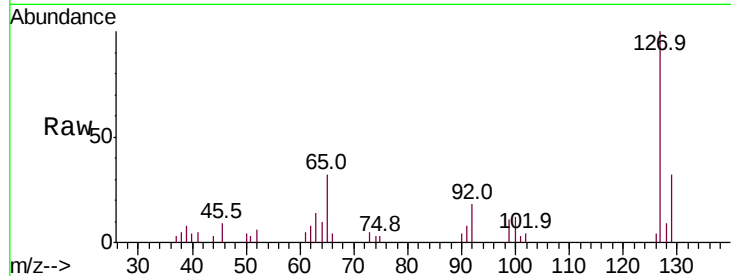
#33
4-Chloroaniline
Concen: 7.562 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.0
65	31.5	25.4	38.0
92	18.1	15.2	22.8

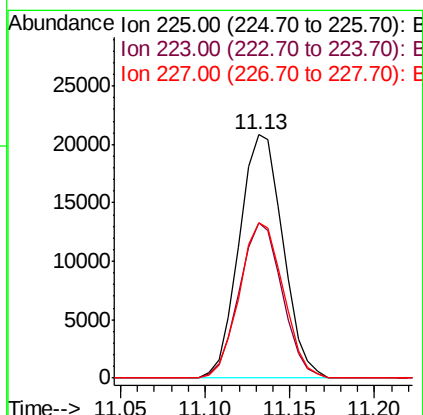
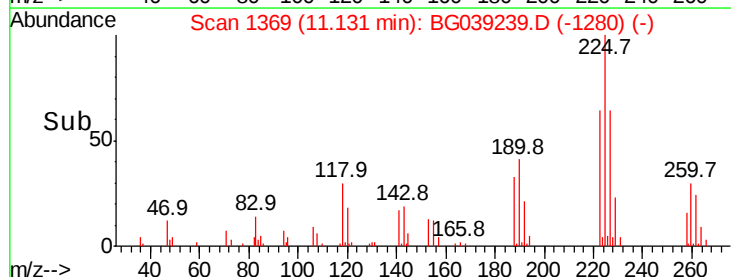
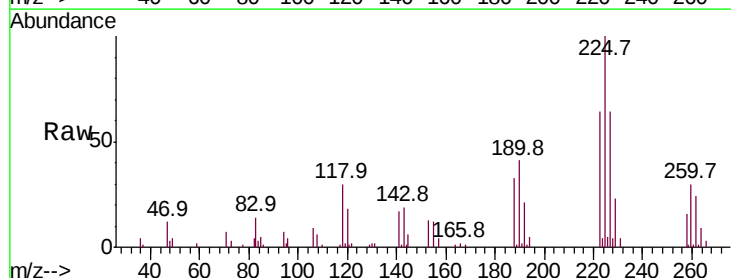
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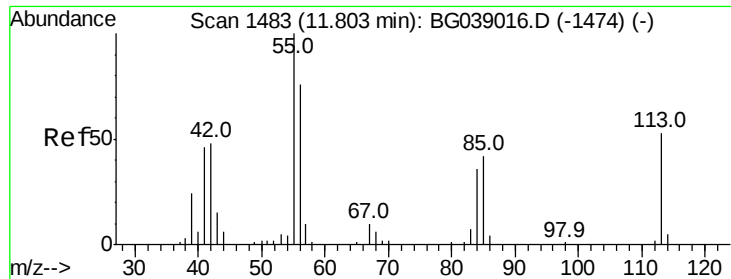
Sohil
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#34
Hexachlorobutadiene
Concen: 42.000 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	60.6	53.2	79.8





#35

Caprolactam

Concen: 39.149 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

ClientSampleID :

SU-01-011719-AMS

Tot Ion:113 Resp: 16968

Ion Ratio Lower Upper

113 100

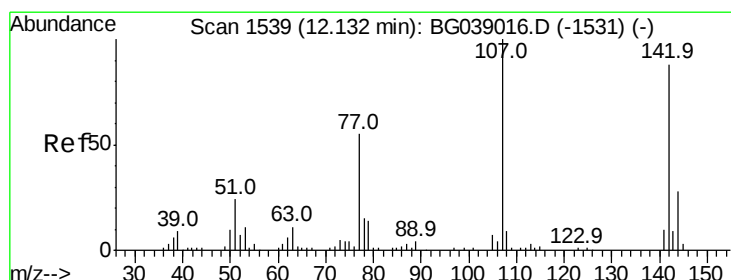
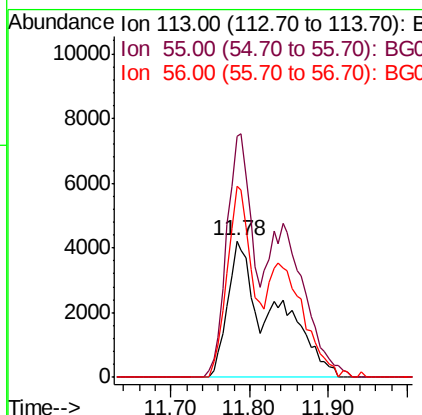
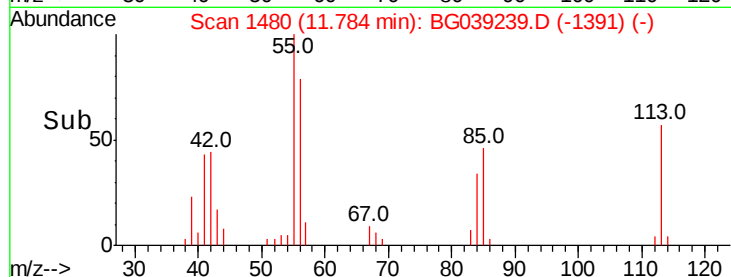
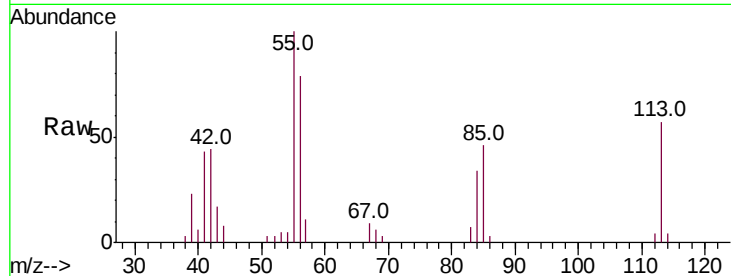
55 176.9 168.6 208.6

56 139.7 123.2 163.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 50.692 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

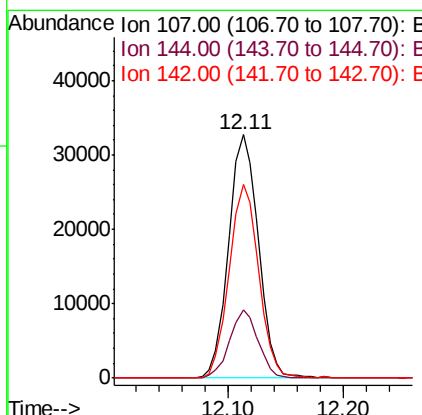
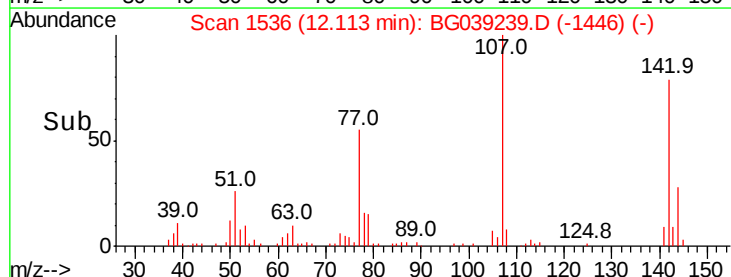
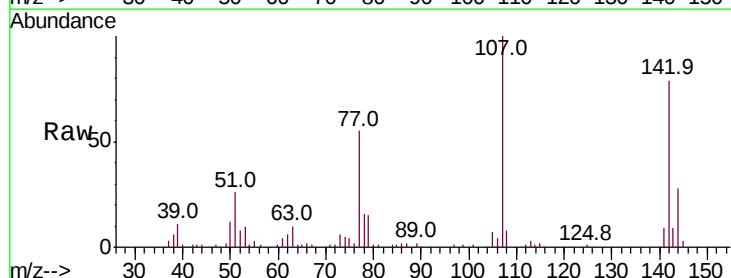
Tgt Ion:107 Resp: 58602

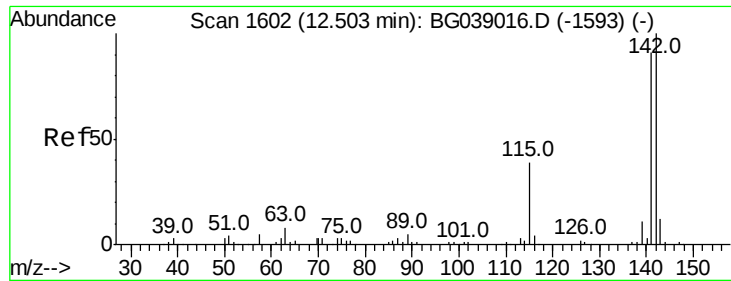
Ion Ratio Lower Upper

107 100

144 28.2 22.6 34.0

142 79.4 70.2 105.4





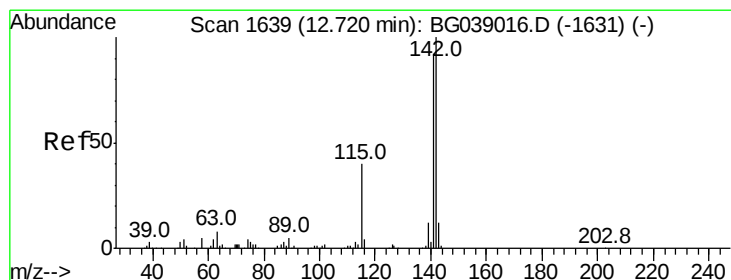
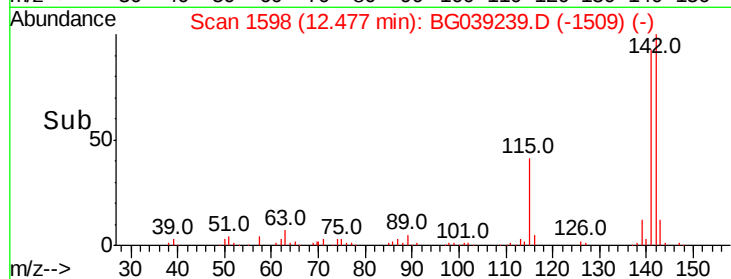
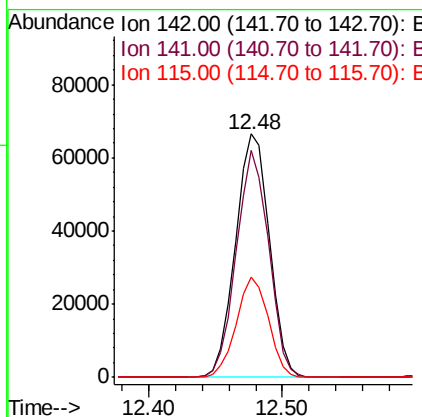
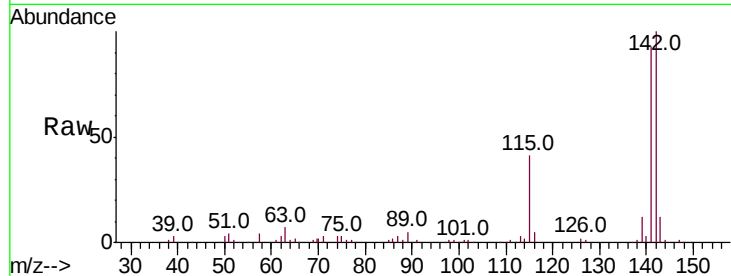
#37
 2-Methylnaphthalene
 Concen: 50.110 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.6	109.0
115	41.1	31.1	46.7

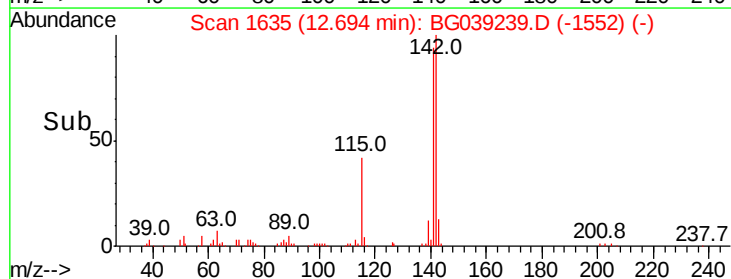
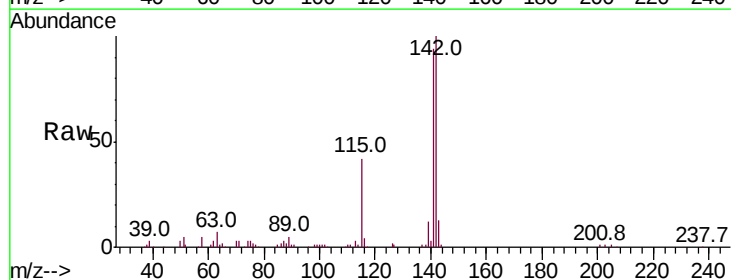
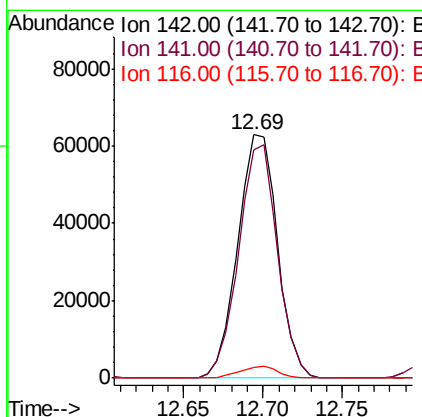
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#38
 1-Methylnaphthalene
 Concen: 48.899 ng
 RT: 12.69 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.3	109.9
116	4.2	3.1	4.7





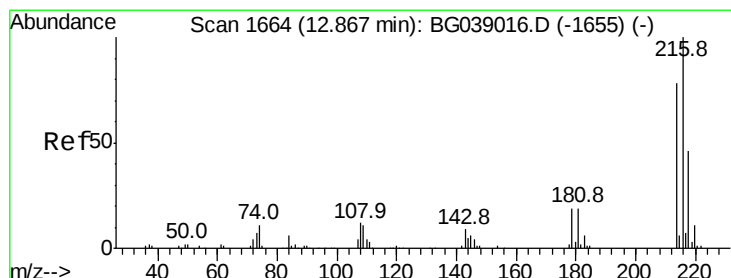
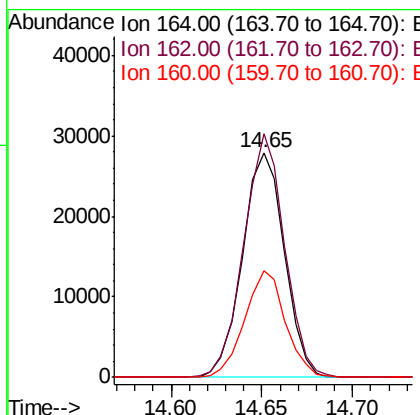
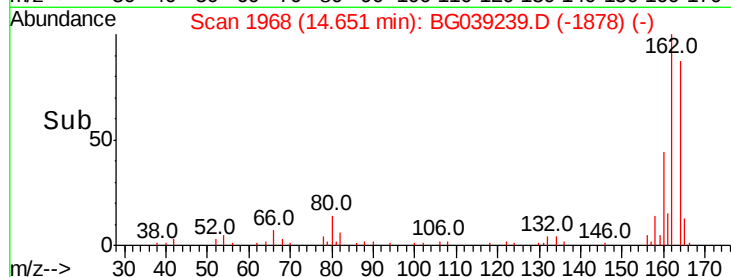
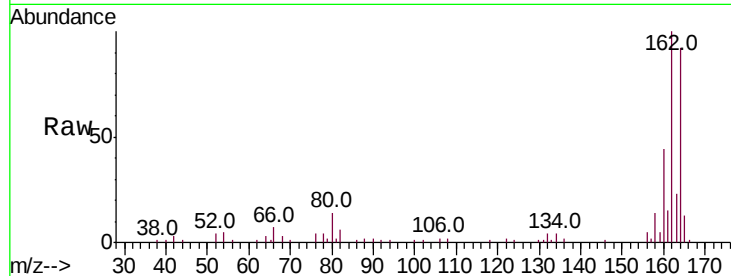
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.3	87.2	130.8
160	47.3	33.3	49.9

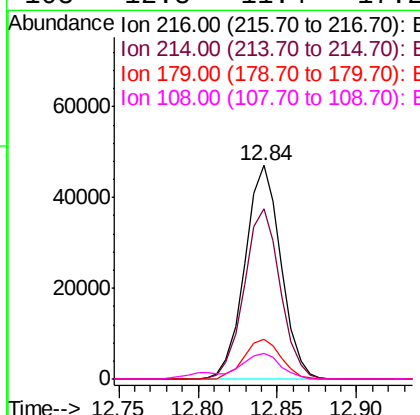
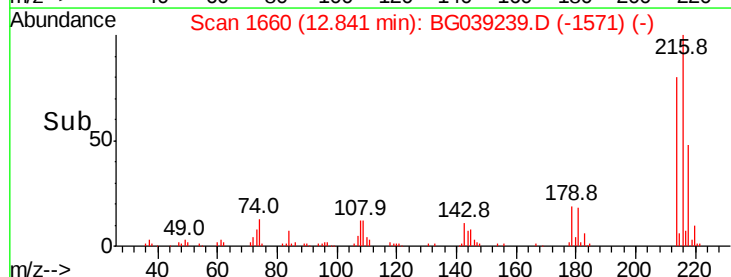
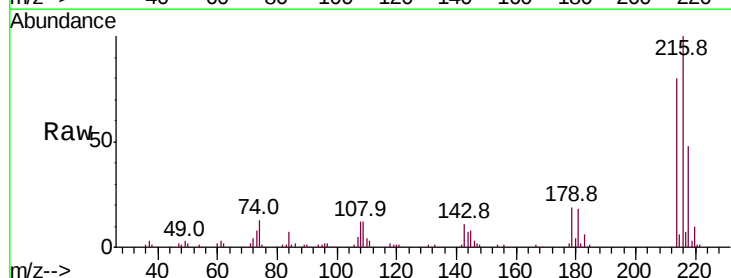
Manual Integrations
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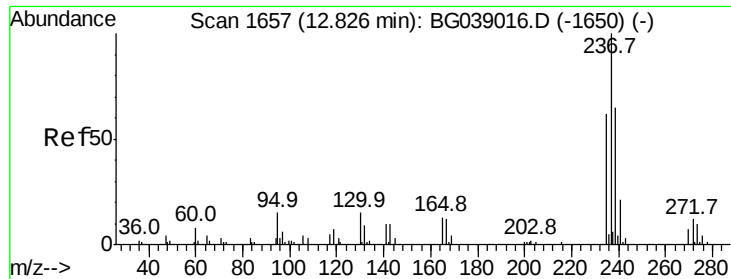
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.158 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	19.1	15.5	23.3
108	12.8	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 81.372 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

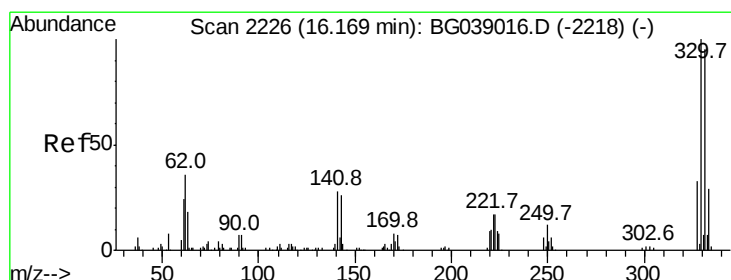
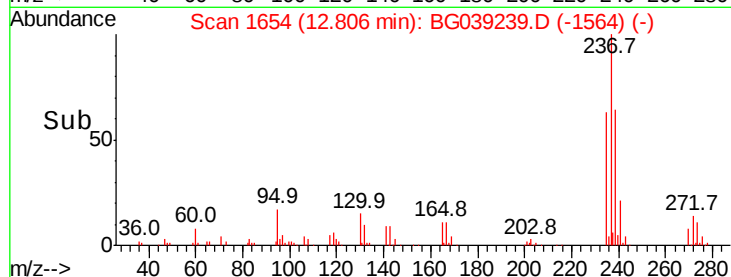
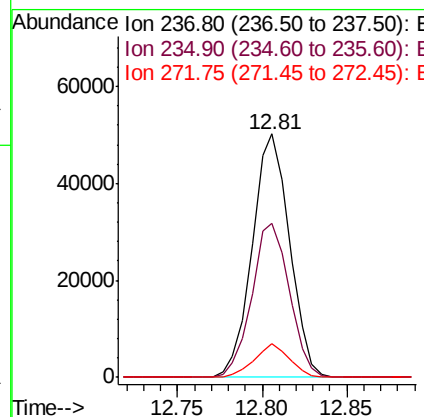
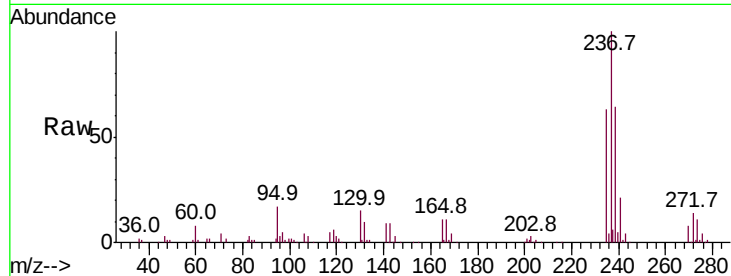
ClientSampleId :

SU-01-011719-AMS

Tot Ion:	237	Resp:	77220
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.7	81.7
272	13.6	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 134.771 ng

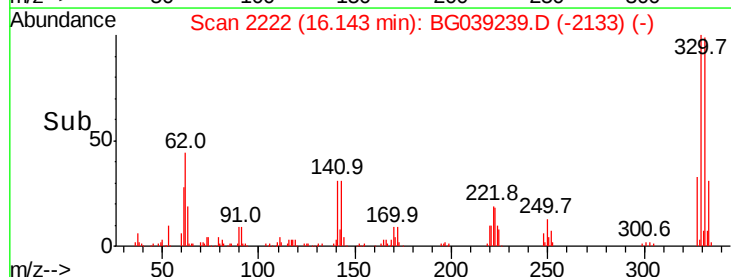
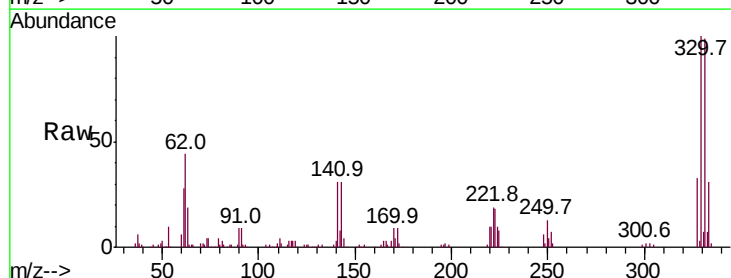
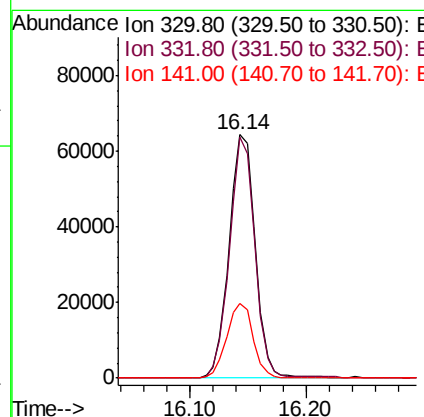
RT: 16.14 min Scan# 2222

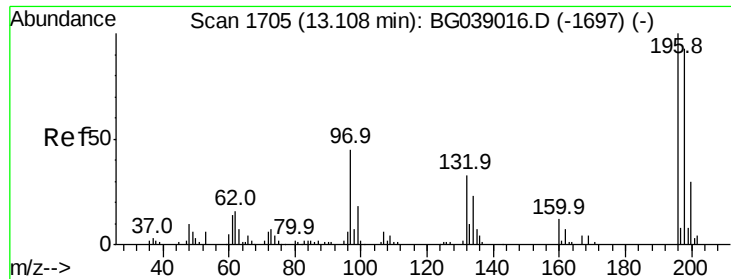
Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	330	Resp:	101225
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	30.8	24.9	37.3





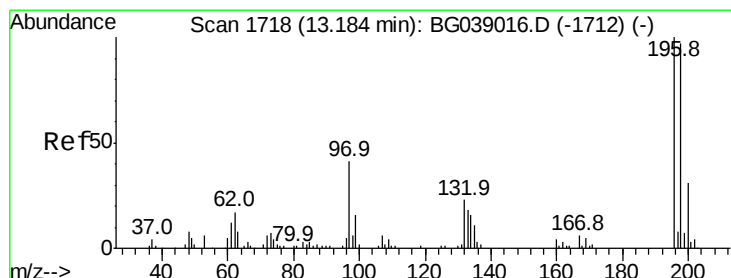
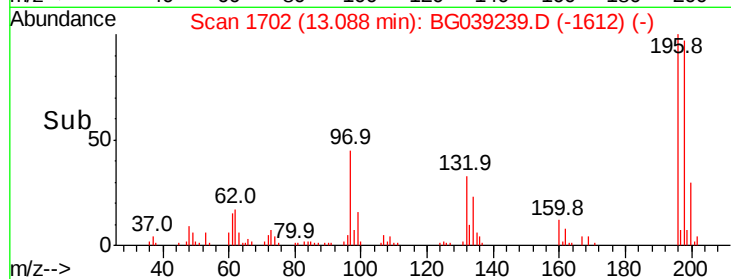
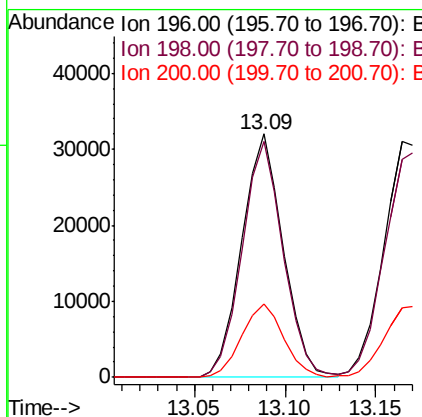
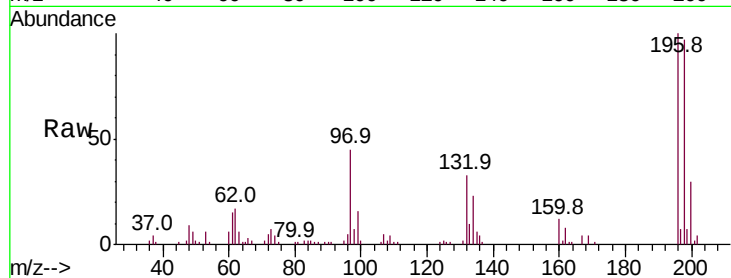
#43
 2,4,6-Trichlorophenol
 Concen: 47.924 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	50756		
198	96.7	74.5	111.7	
200	30.2	23.8	35.6	

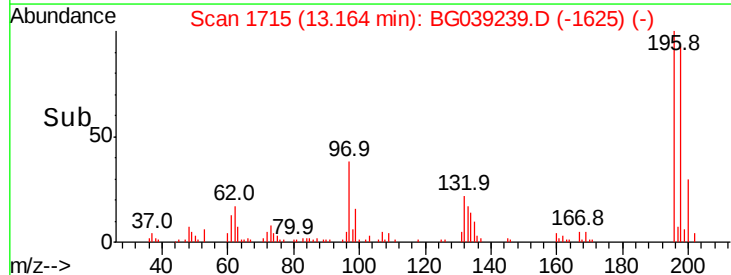
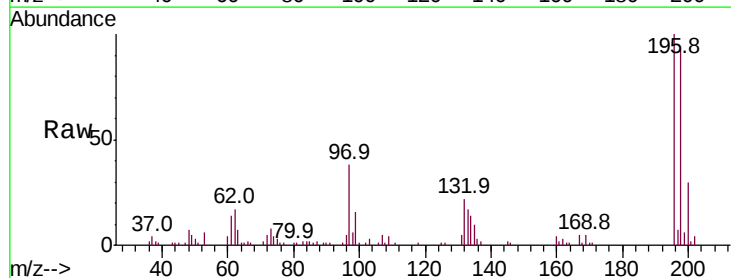
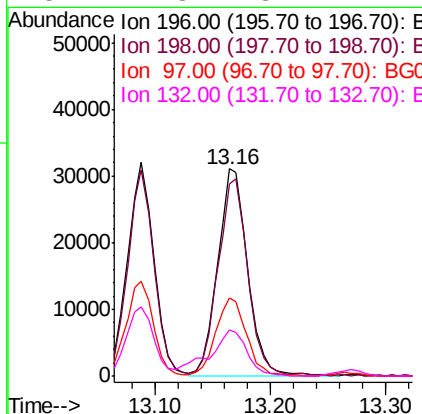
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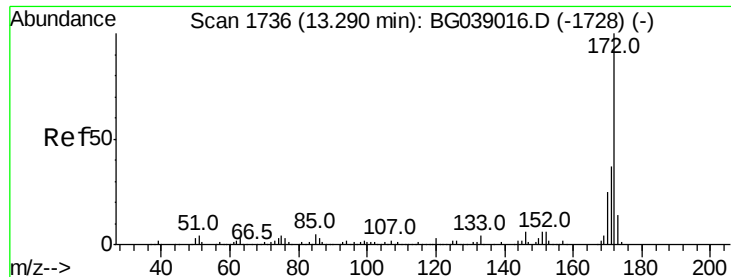
Sohil
 1/22/2019 10:00:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.984 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55950		
198	92.6	78.1	117.1	
97	37.8	33.2	49.8	
132	22.3	18.2	27.4	





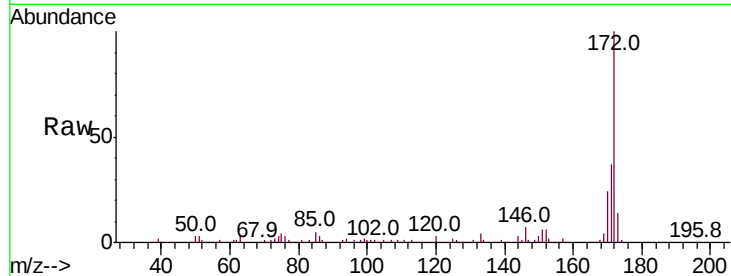
#45
2-Fluorobiphenyl
Concen: 85.243 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	279088		
171	37.1		29.4	44.0
170	23.7		20.1	30.1

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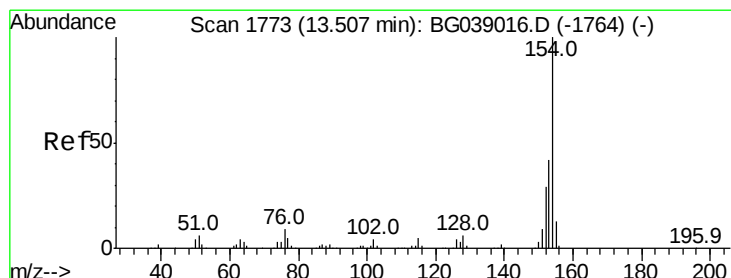
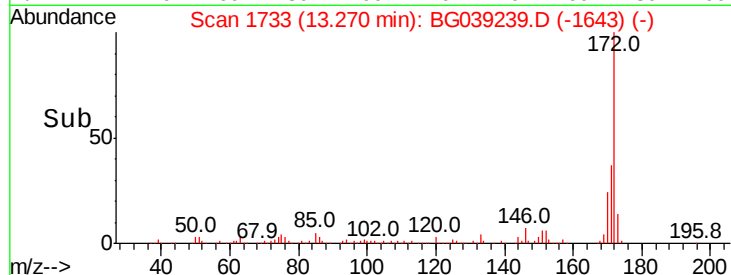
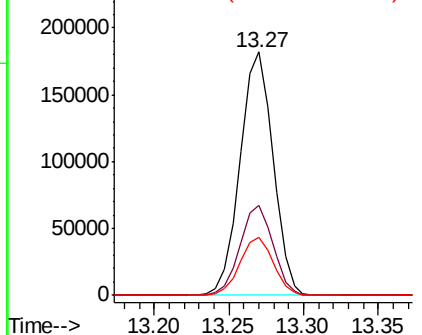


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.146 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

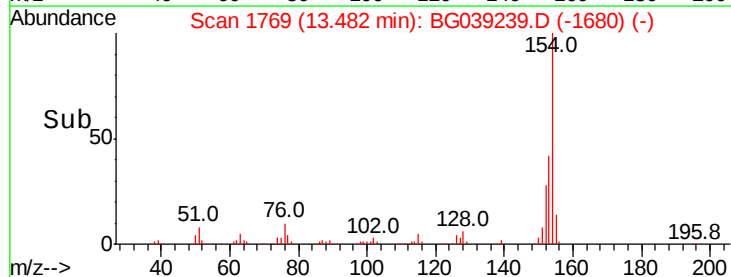
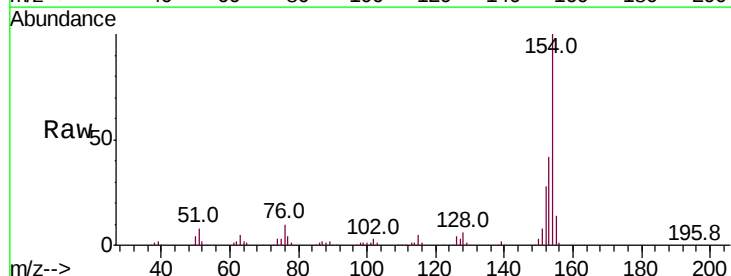
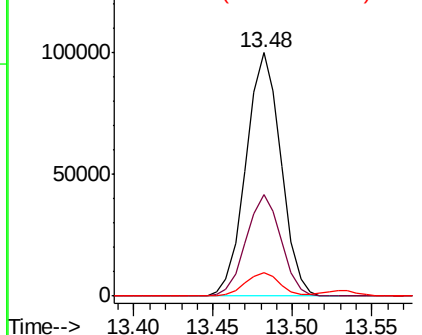
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	153185		
153	41.7		22.4	62.4
76	9.7		0.0	29.4

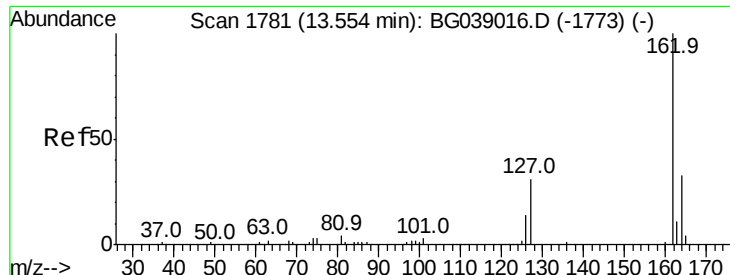
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





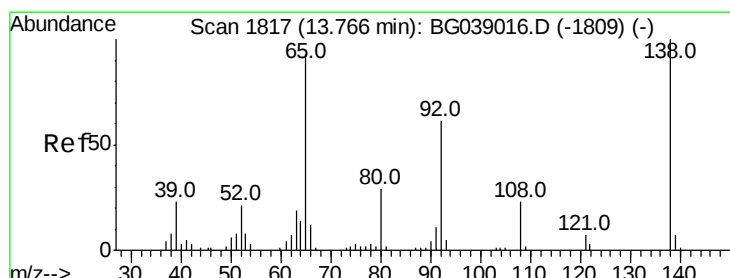
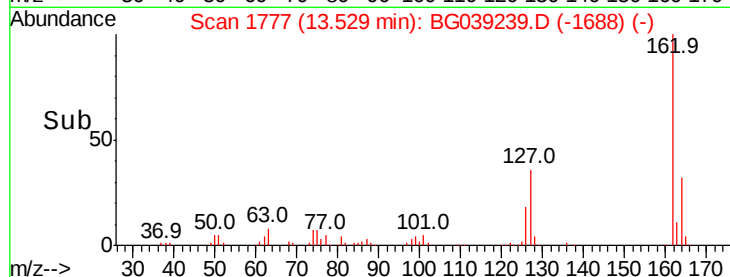
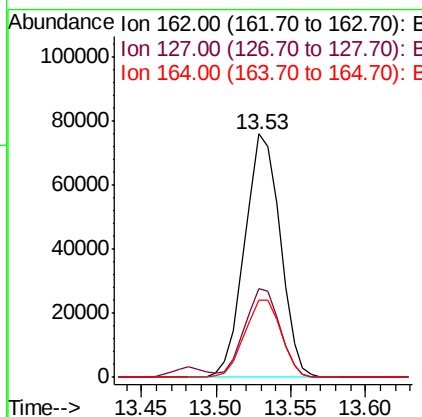
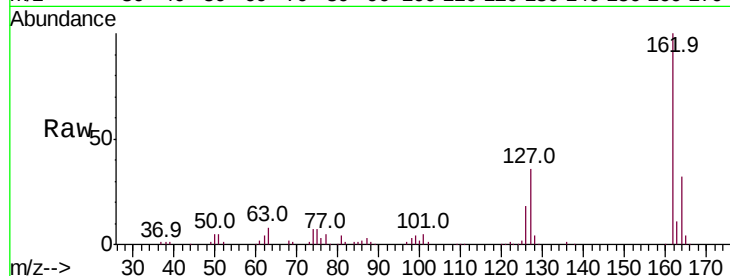
#47
 2-Chloronaphthalene
 Concen: 43.536 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	28.4	42.6
164	31.8	26.3	39.5

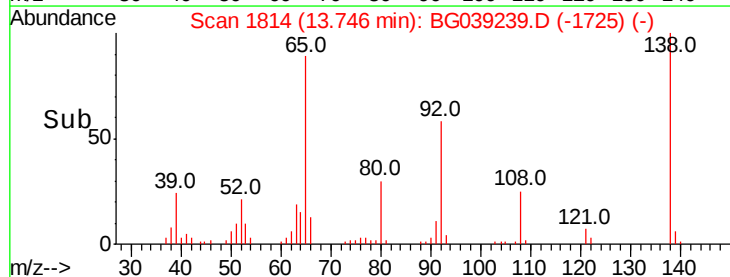
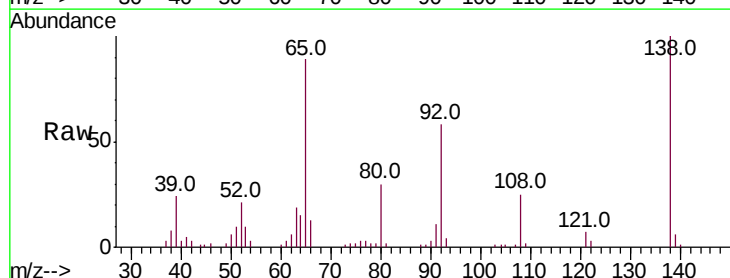
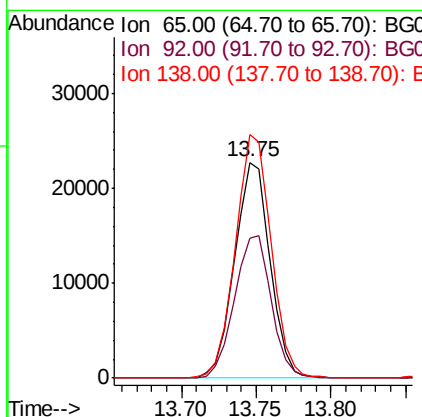
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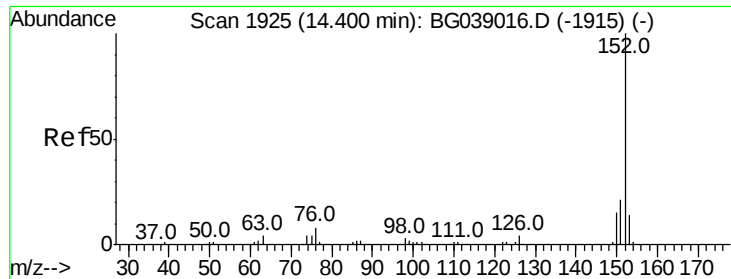
Sohil
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#48
 2-Nitroaniline
 Concen: 46.543 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	52.2	78.4
138	112.7	86.0	129.0





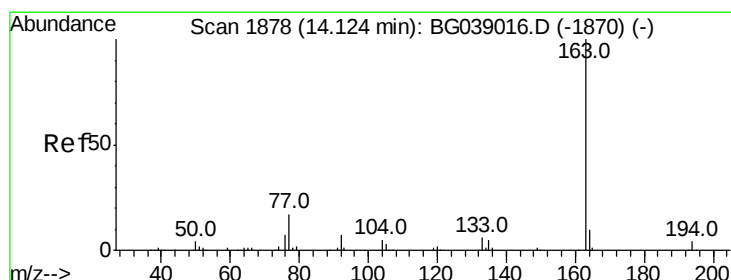
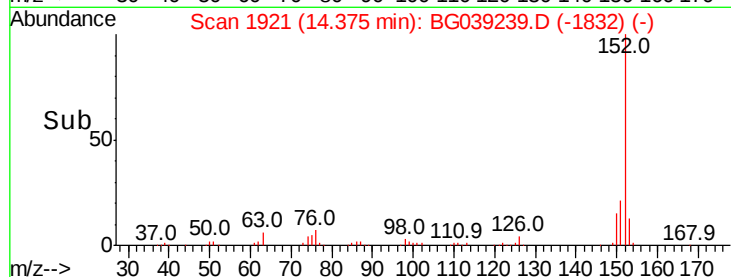
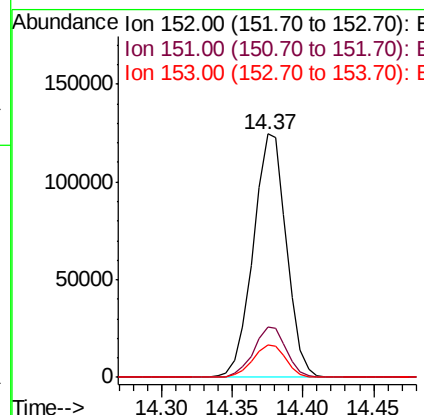
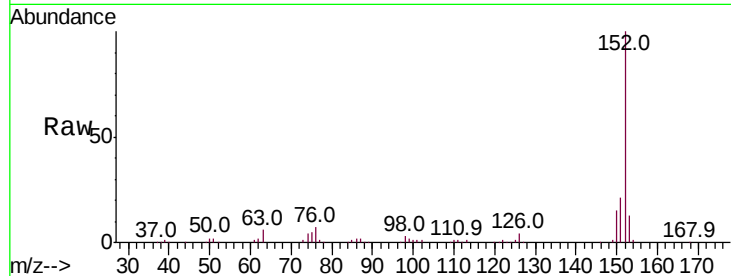
#49
Acenaphthylene
Concen: 47.537 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.4
153	13.2	11.2	16.8

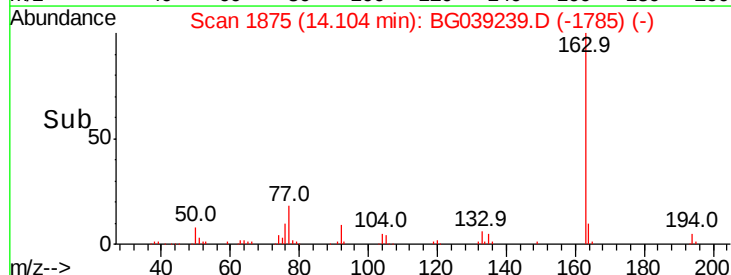
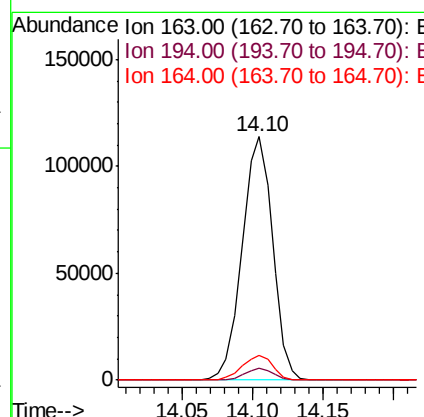
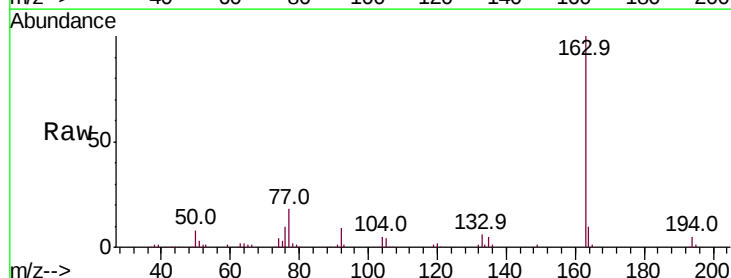
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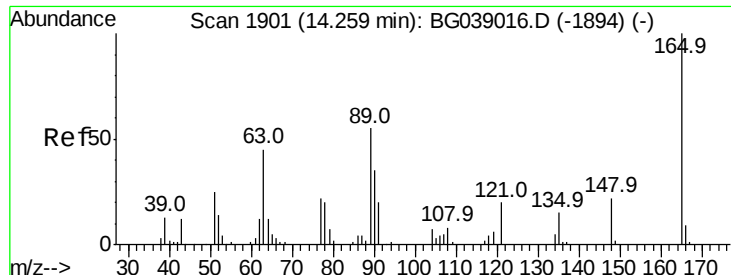
Sohil
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#50
Dimethylphthalate
Concen: 45.420 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.2	12.2





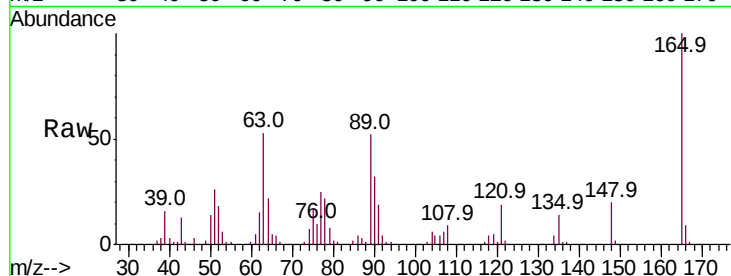
#51
 2,6-Dinitrotoluene
 Concen: 46.020 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

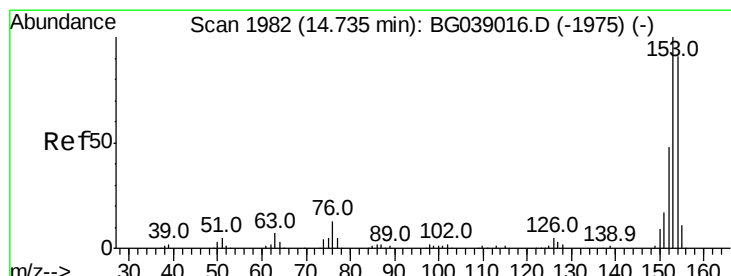
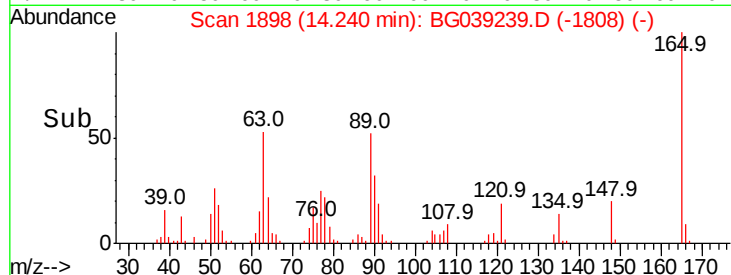
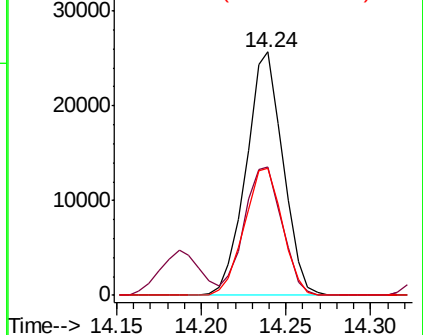
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	43.6	65.4	
89	52.3	43.7	65.5	

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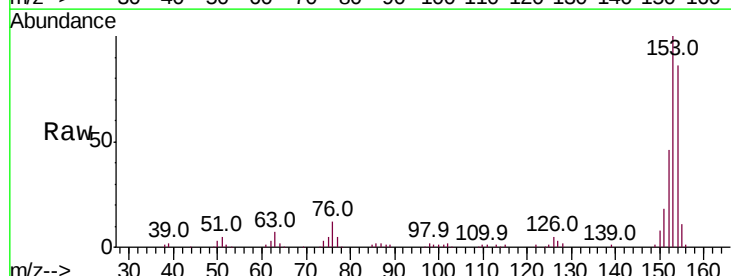


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

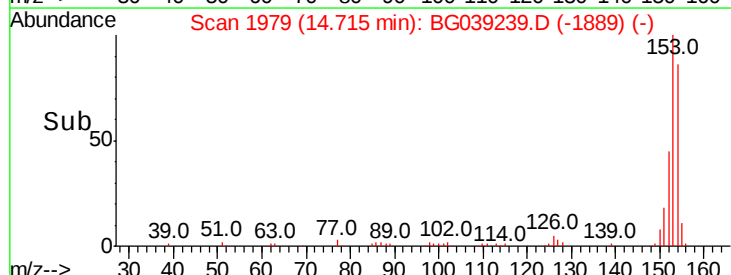
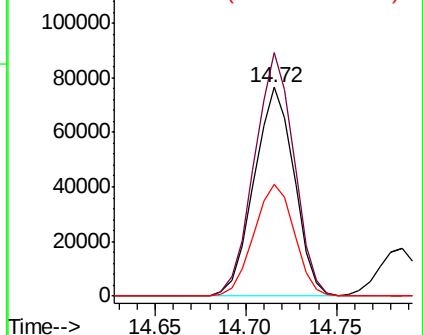


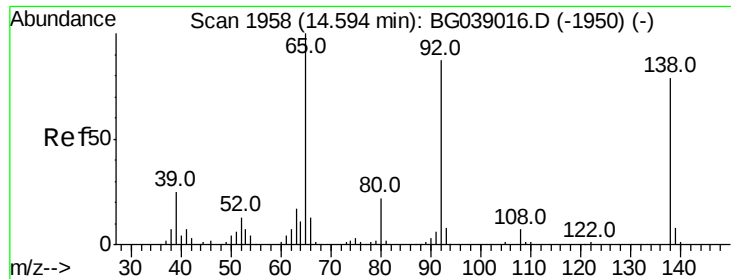
#52
 Acenaphthene
 Concen: 45.165 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.6	87.9	131.9	
152	53.2	42.2	63.2	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.330 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

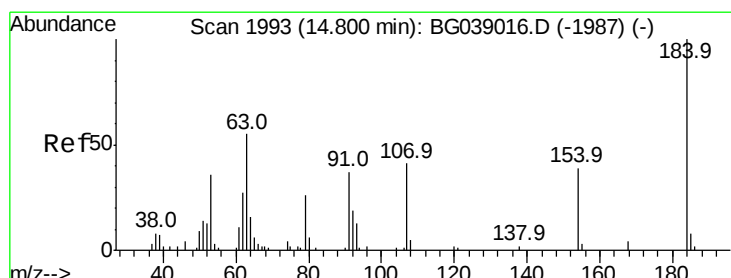
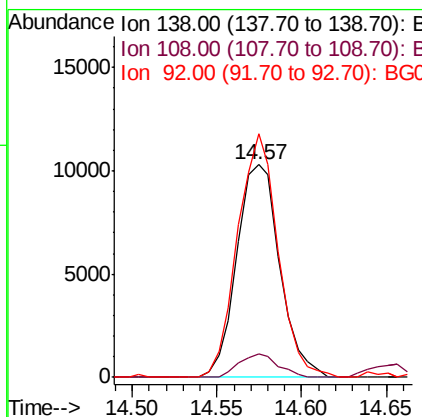
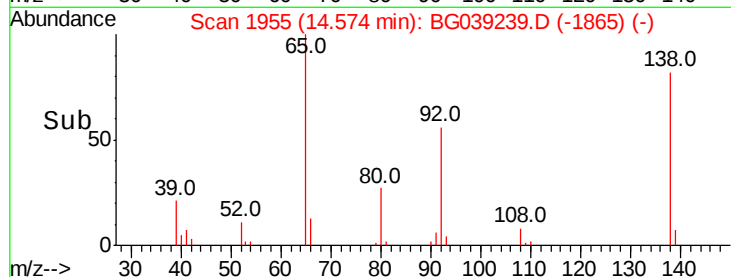
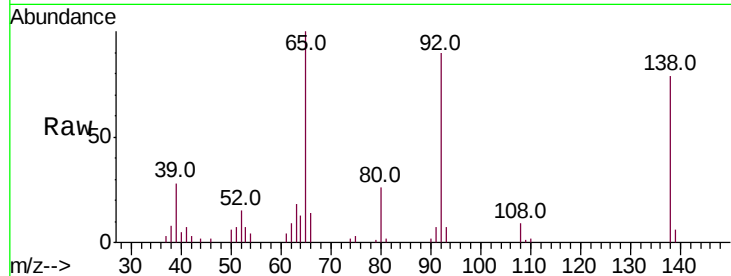
ClientSampleId :

SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.4	11.0
92	114.5	88.2	132.4

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#54

2,4-Dinitrophenol

Concen: 90.713 ng

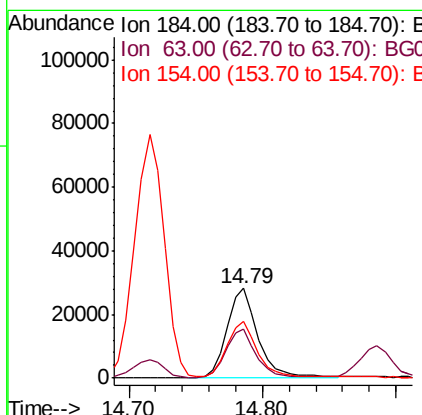
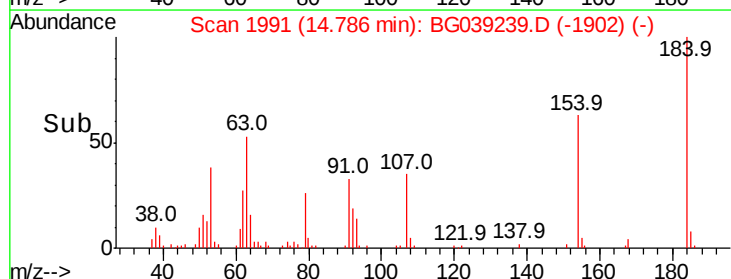
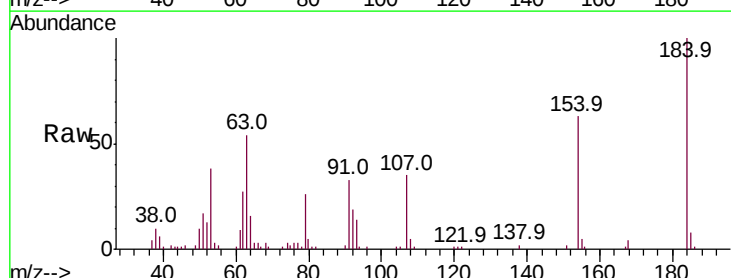
RT: 14.79 min Scan# 1991

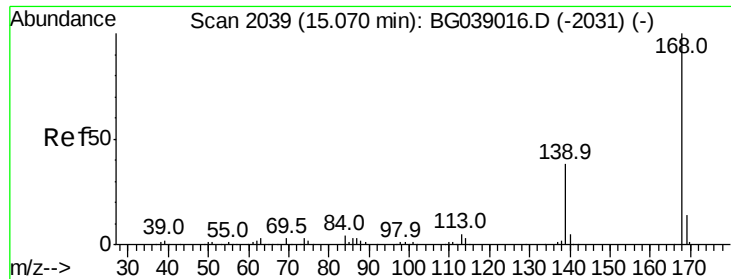
Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	44.0	66.0
154	62.6	46.1	69.1





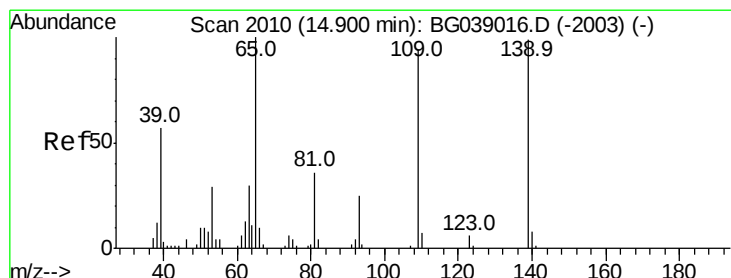
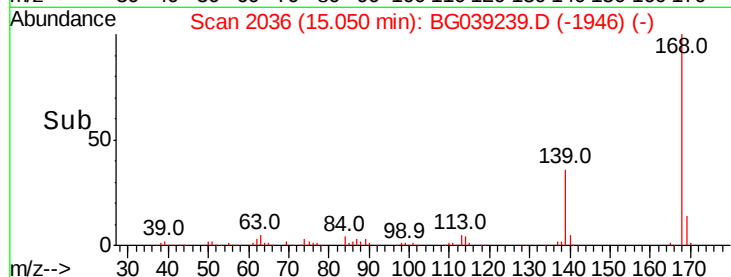
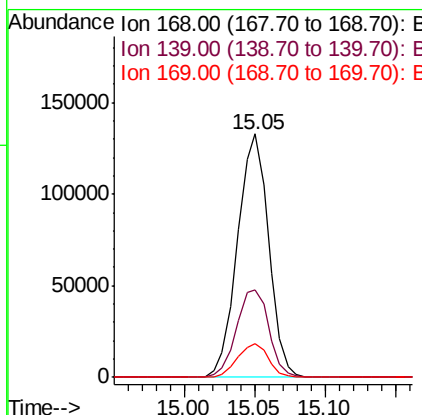
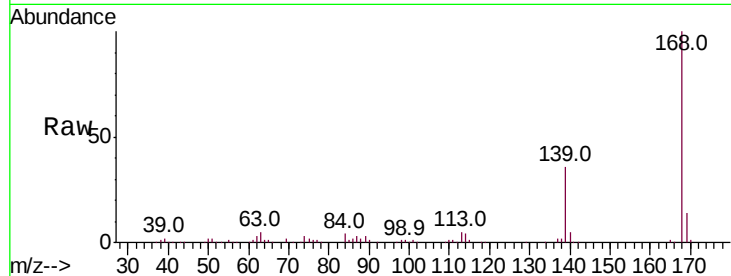
#55
Dibenzenofuran
Concen: 44.606 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	13.9	10.9	16.3

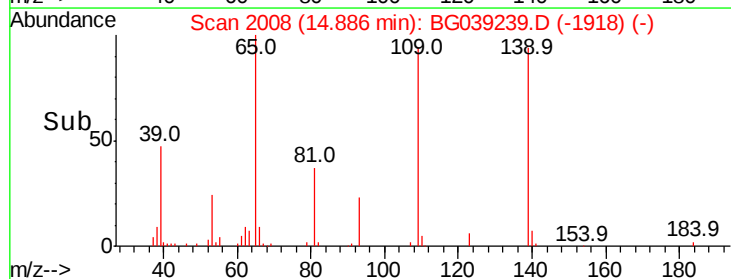
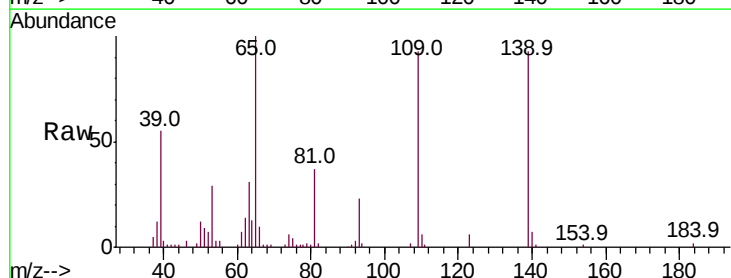
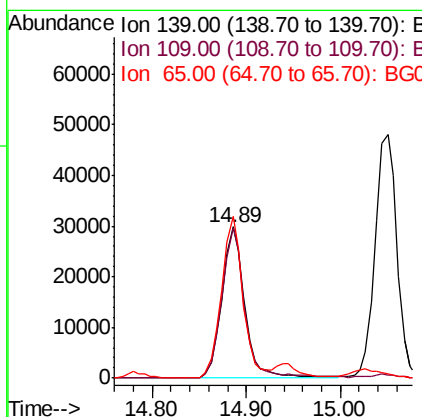
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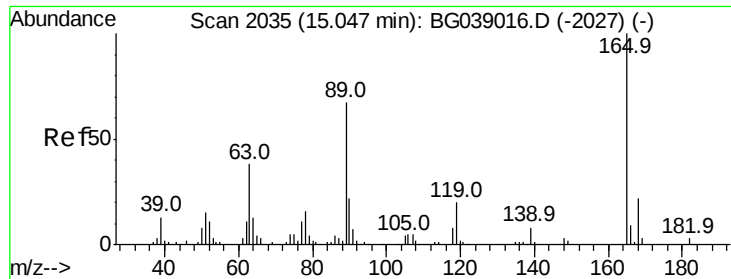
Sohil
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#56
4-Nitrophenol
Concen: 82.285 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.4	75.6	115.6
65	107.5	81.2	121.2





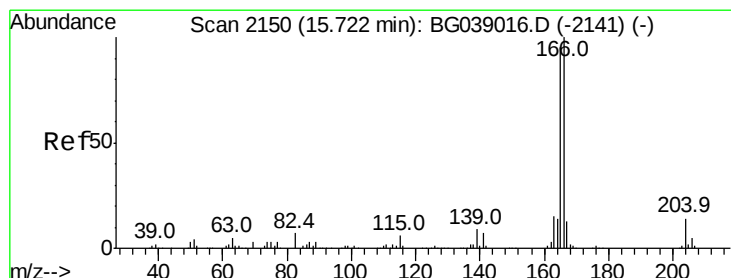
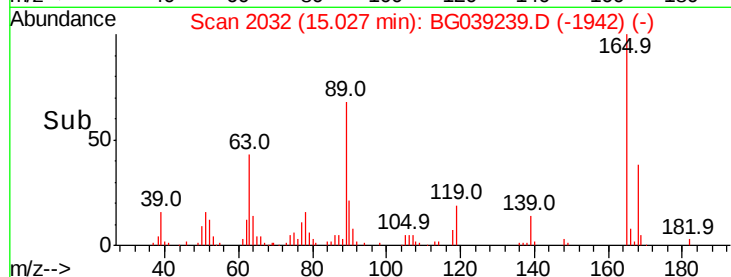
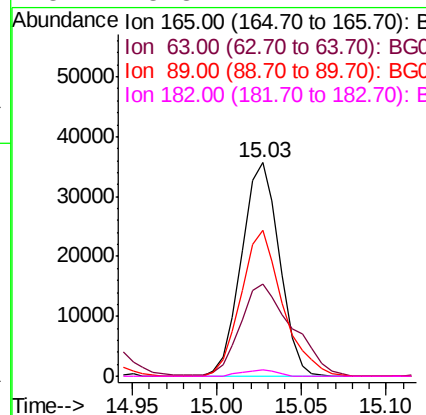
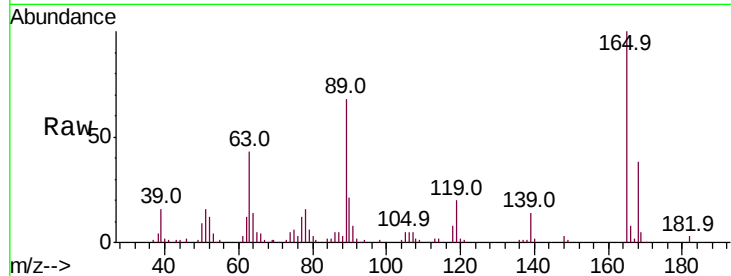
#57
2,4-Dinitrotoluene
Concen: 45.829 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	30.2	45.4	
89	68.4	53.2	79.8	
182	3.3	2.7	4.1	

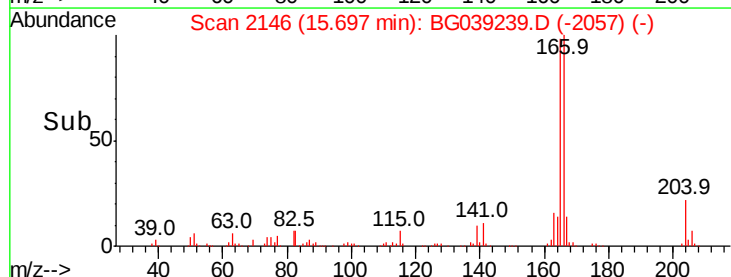
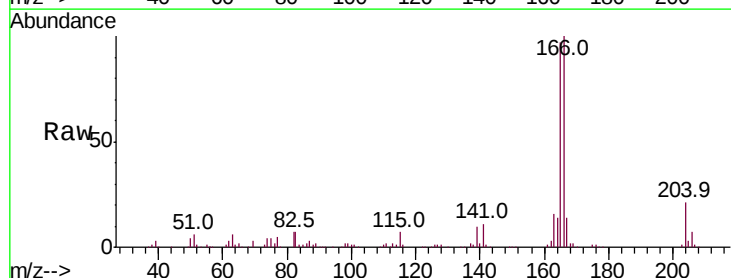
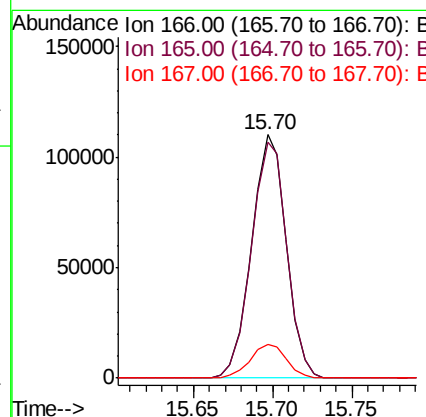
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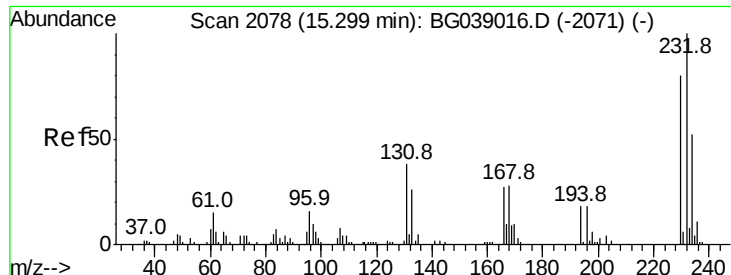
Sohil
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#58
Fluorene
Concen: 48.439 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	76.2	114.2	
167	13.9	10.6	16.0	





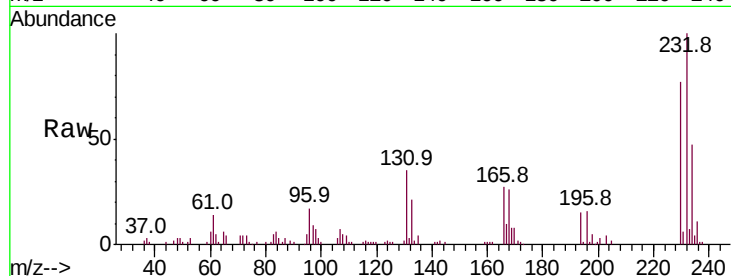
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.347 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion:	232	Resp:	56369
Ion Ratio	Lower	Upper	
232	100		
131	35.0	30.9	46.3
130	2.0	1.9	2.9
166	26.8	22.1	33.1

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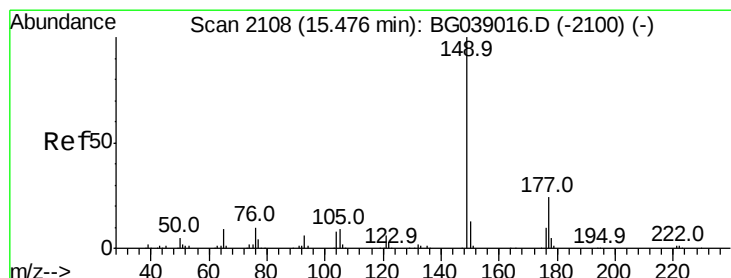
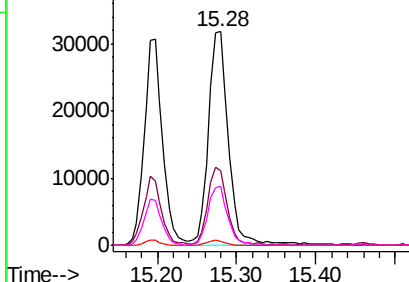
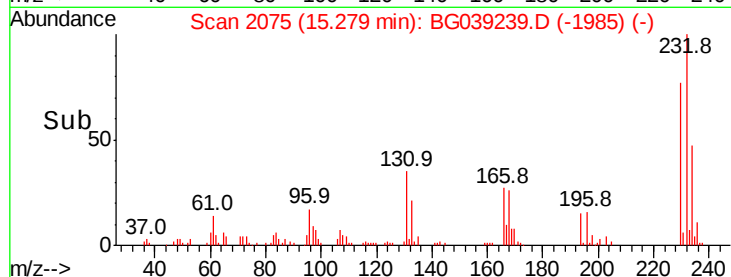
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

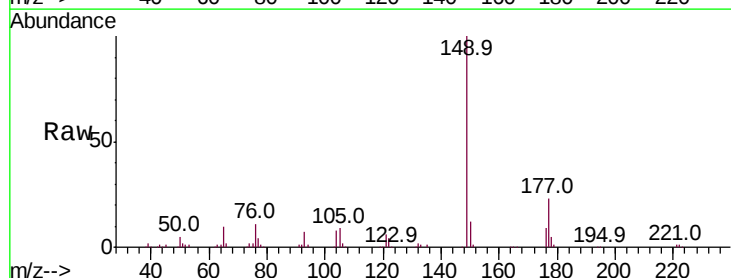
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.251 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion:	149	Resp:	180434
Ion Ratio	Lower	Upper	
149	100		
177	23.4	19.0	28.6
150	12.4	10.2	15.4

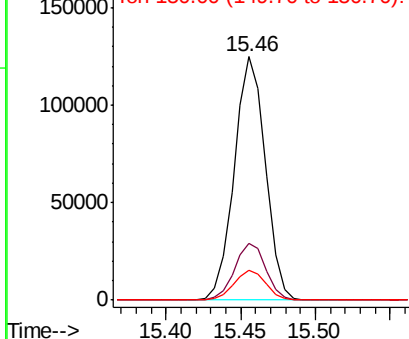
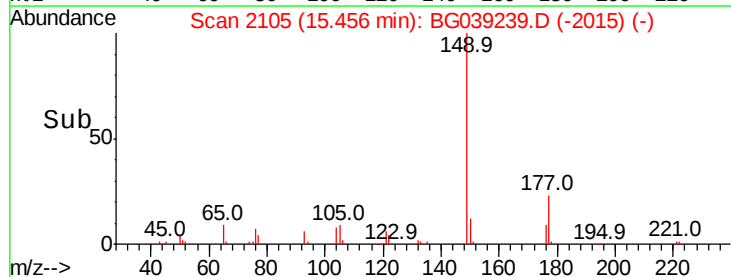


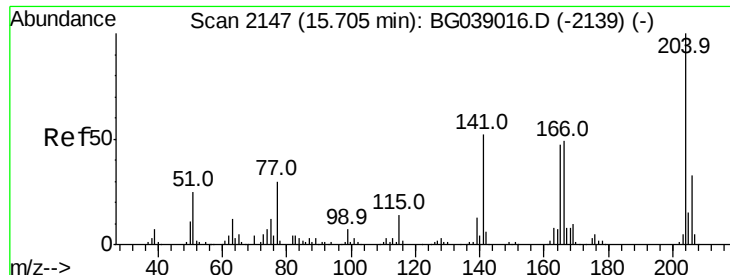
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





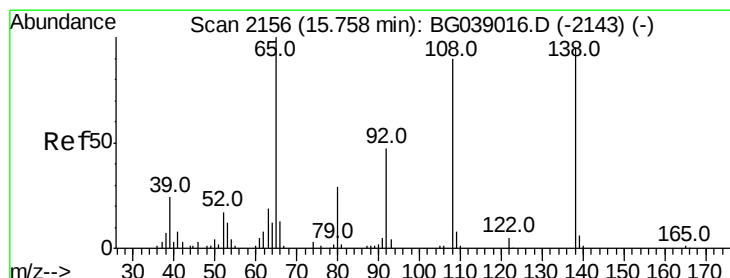
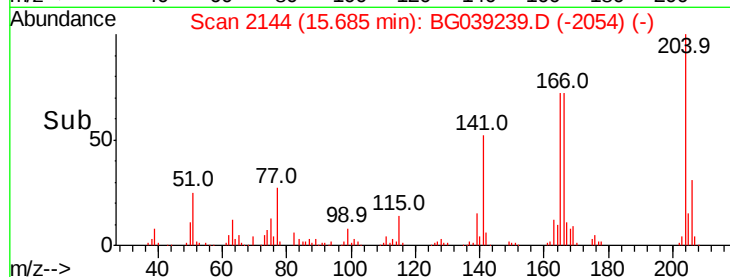
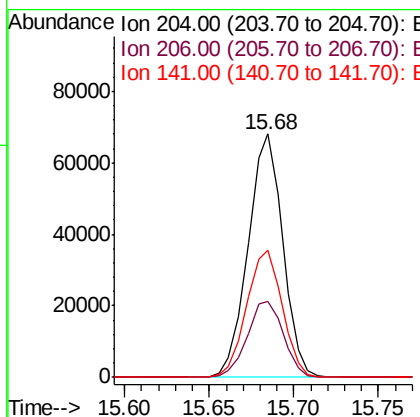
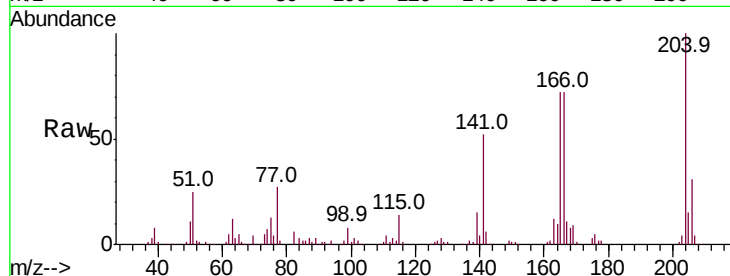
#61
4-Chlorophenyl-phenylether
Concen: 44.681 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.6	39.8
141	52.5	41.4	62.0

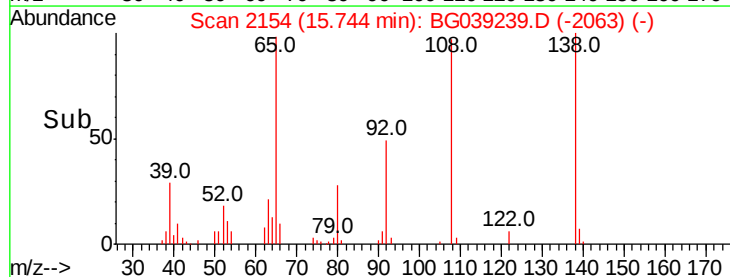
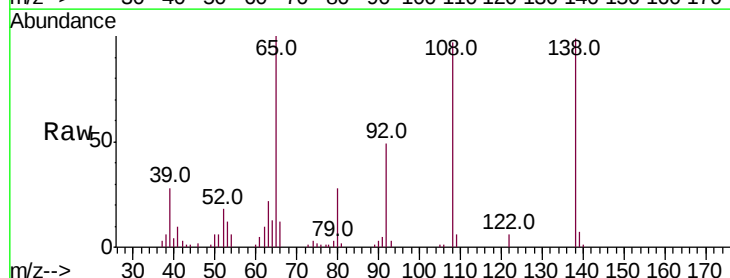
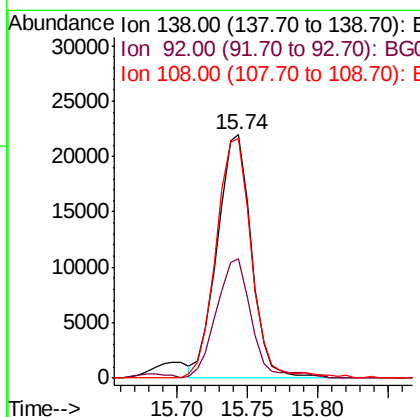
Manual Integrations
APPROVED

Sohil
1/22/2019 10:00:20 AM



#62
4-Nitroaniline
Concen: 41.389 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.7	69.7
108	98.7	75.7	115.7





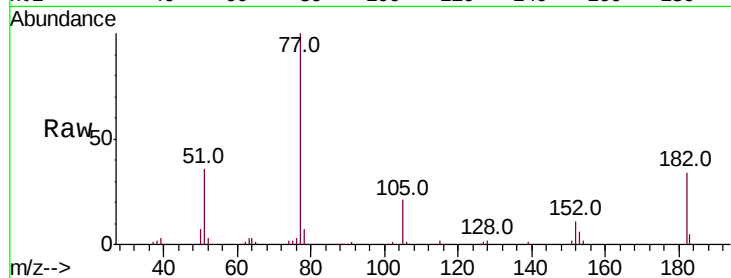
#63
Azobenzene
Concen: 45.271 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	33.6	12.2	52.2	
105	20.9	1.2	41.2	
51	36.3	13.4	53.4	

Manual Integrations
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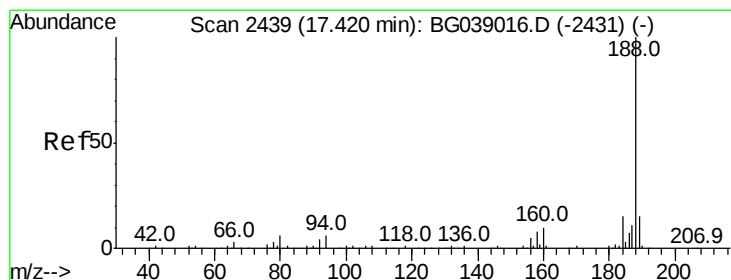
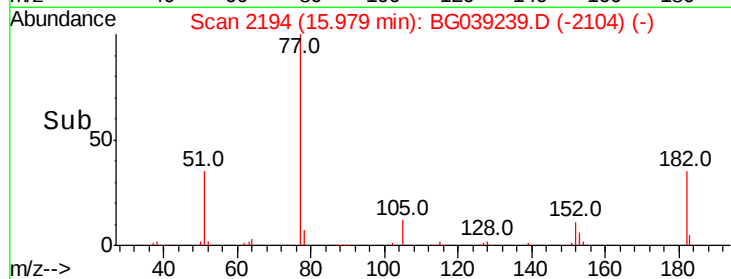
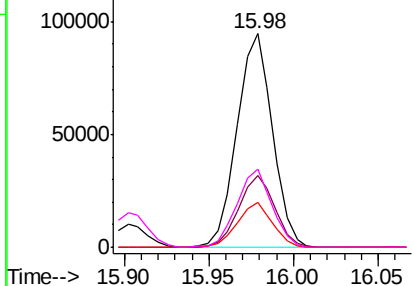
Abundance

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: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

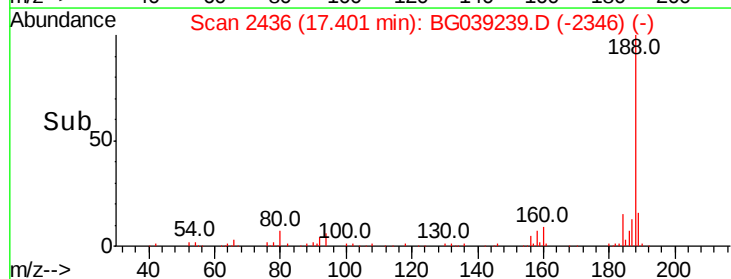
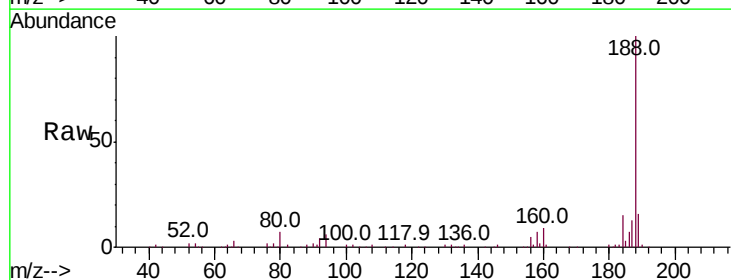
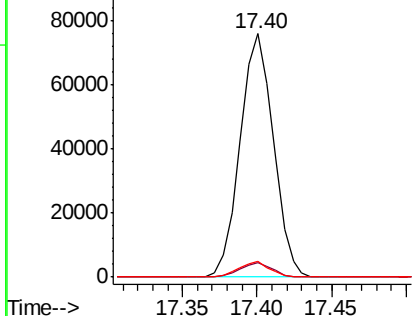
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.1	5.0	7.4	
80	6.6	4.7	7.1	

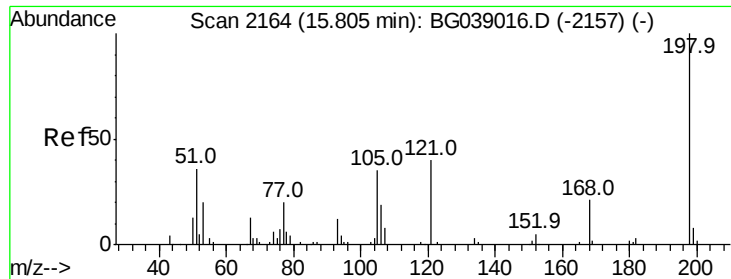
Abundance

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: 42.311 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-AMS

Tot Ion:198 Resp: 36719

Ion Ratio Lower Upper

198 100

51 33.9 20.8 60.8

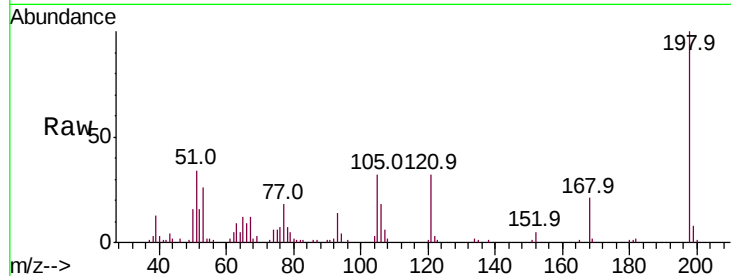
105 31.9 16.1 56.1

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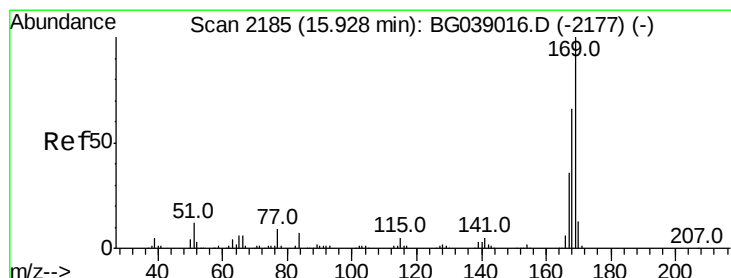
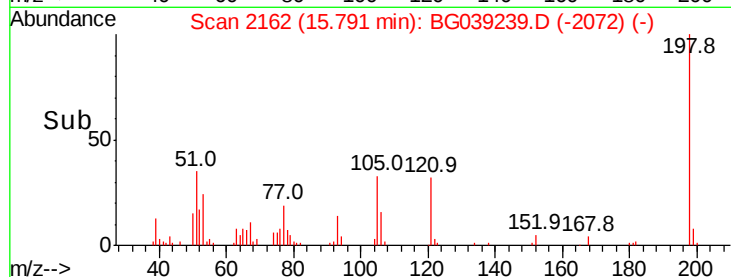
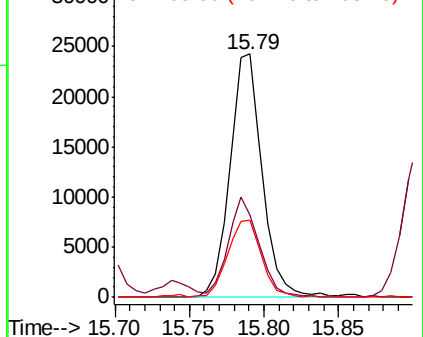
1/22/2019 10:00:20 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.202 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

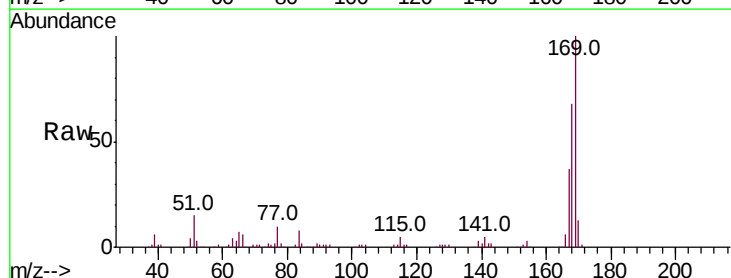
Tgt Ion:169 Resp: 153493

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

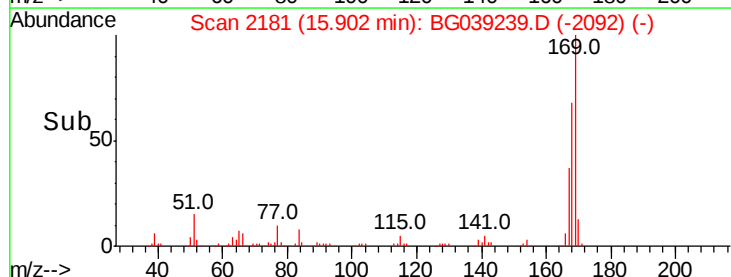
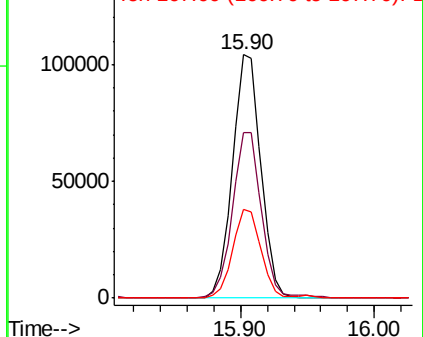
167 36.5 29.1 43.7

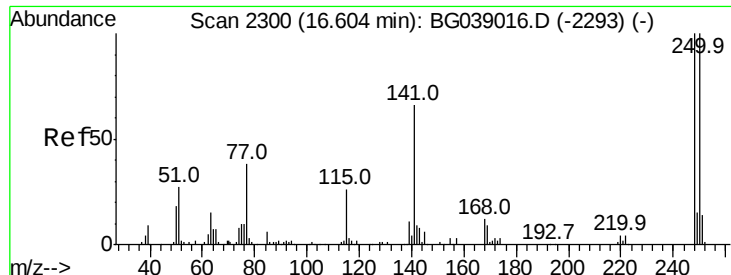


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





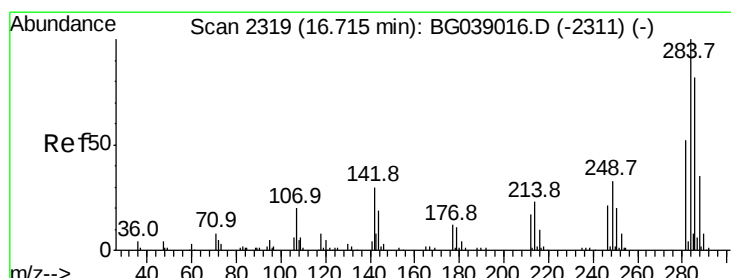
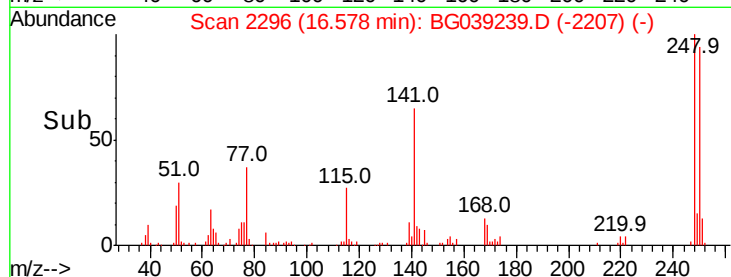
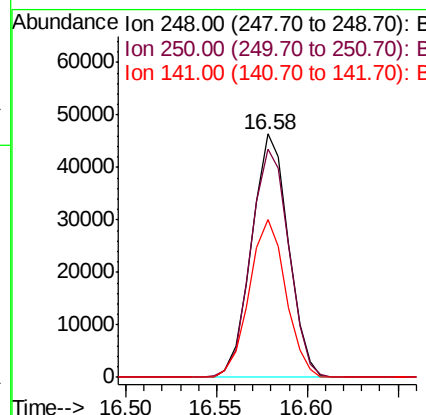
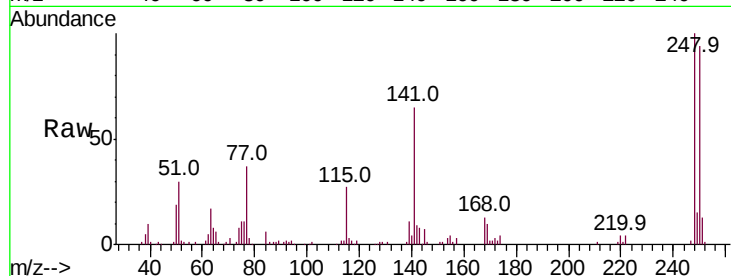
#67
 4-Bromophenyl-phenylether
 Concen: 43.604 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.6	79.9	119.9
141	64.9	52.7	79.1

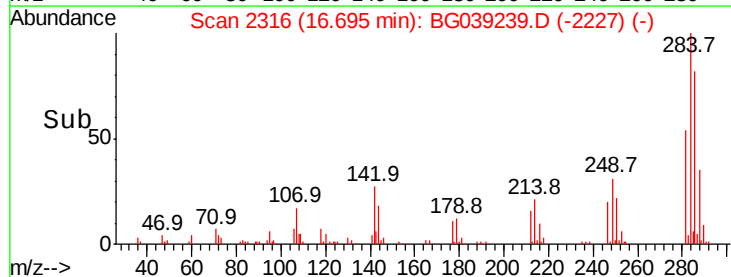
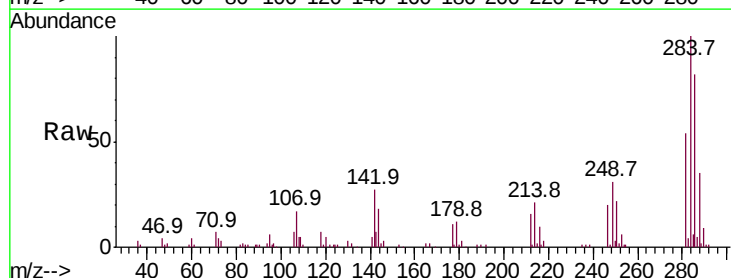
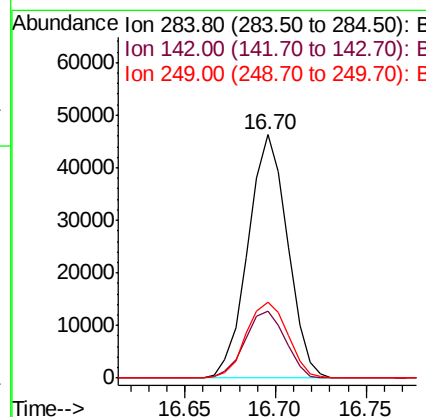
Manual Integrations
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#68
 Hexachlorobenzene
 Concen: 42.688 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	24.3	36.5
249	33.6	27.8	41.8





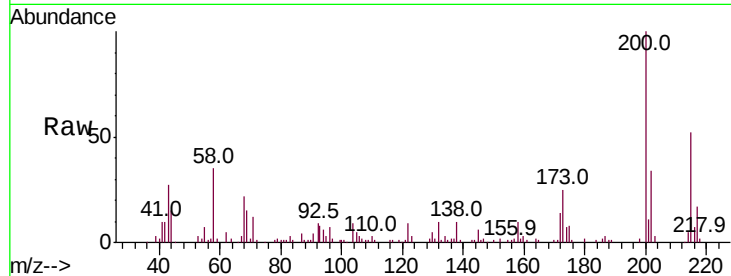
#69
Atrazine
Concen: 43.418 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

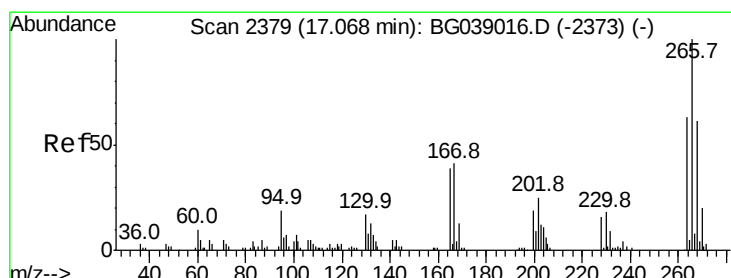
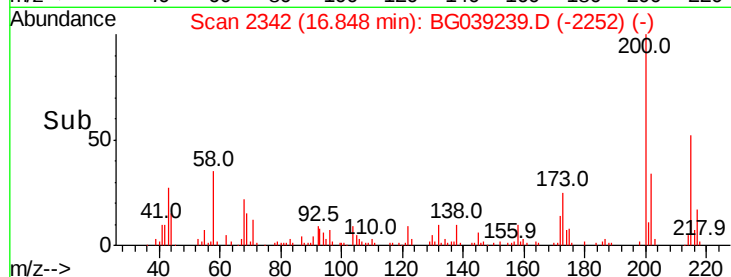
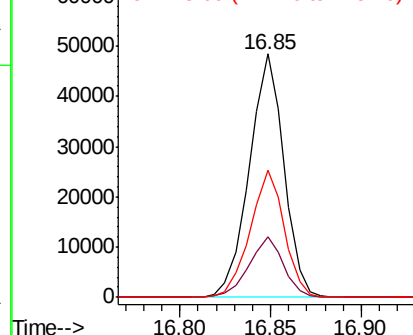
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	2.6	42.6
215	52.4	28.0	68.0

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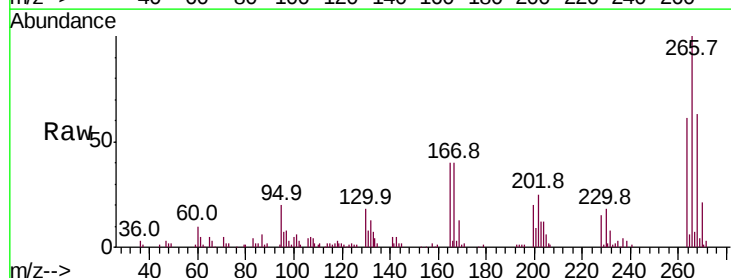


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

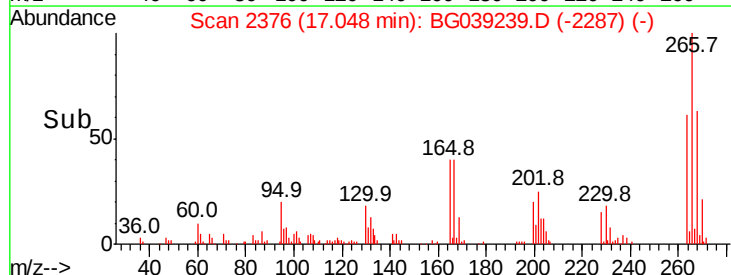
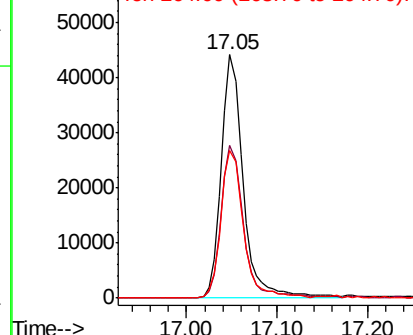


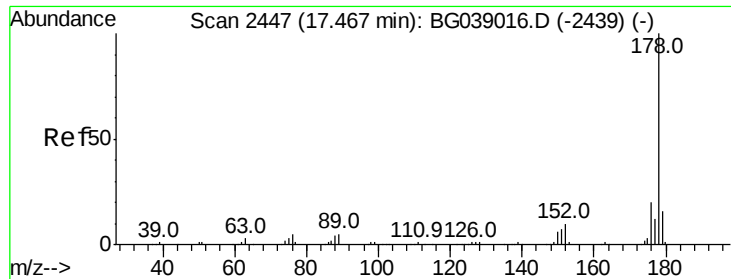
#70
Pentachlorophenol
Concen: 73.835 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	52.0	78.0
264	66.3	54.6	81.8



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





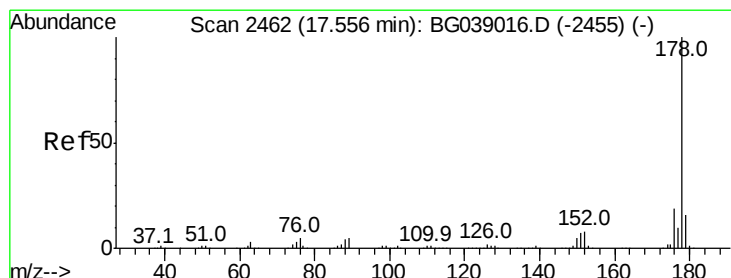
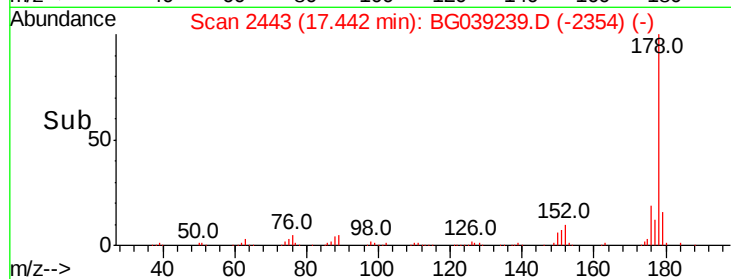
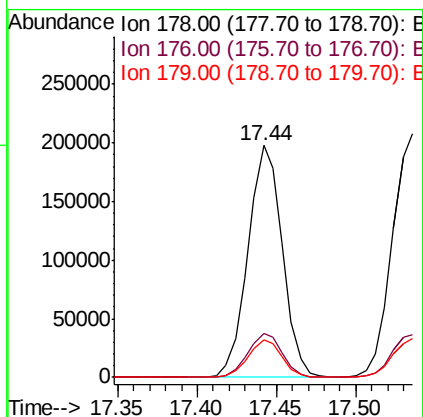
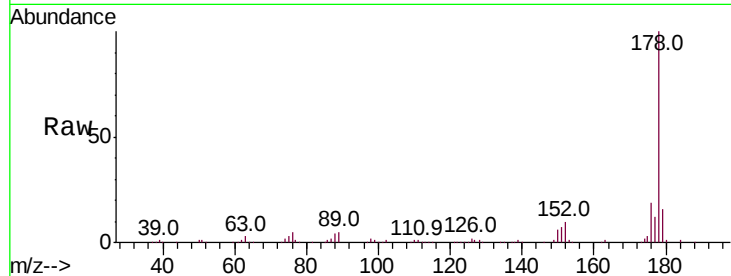
#71
Phenanthrene
Concen: 48.054 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	16.1	12.9	19.3

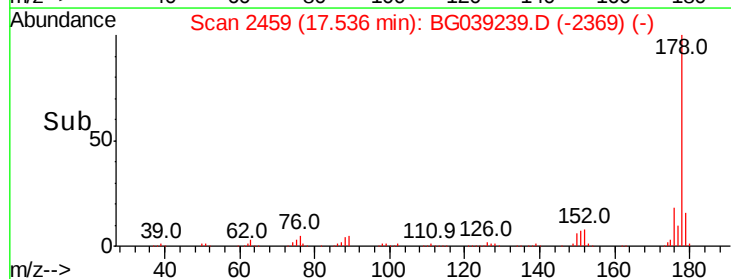
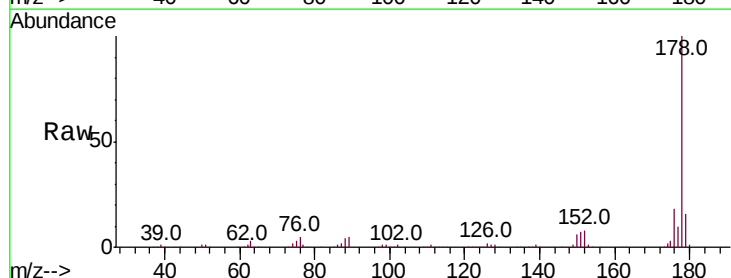
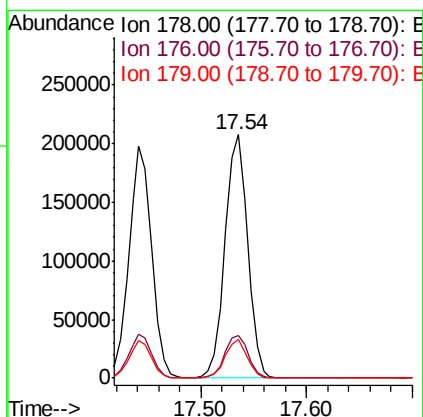
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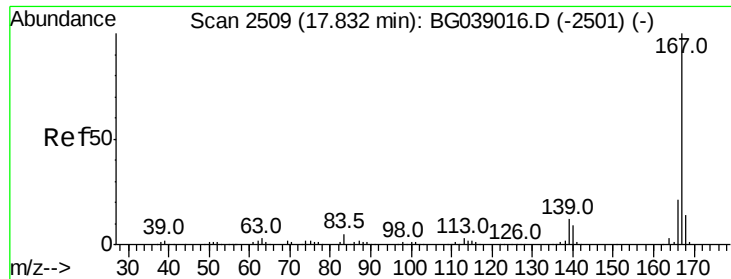
Sohil
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#72
Anthracene
Concen: 50.338 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.9	22.3
179	15.9	13.0	19.4





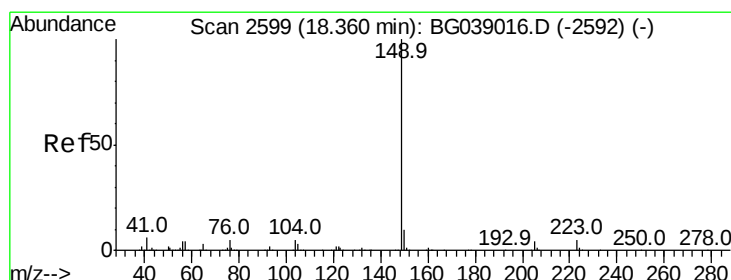
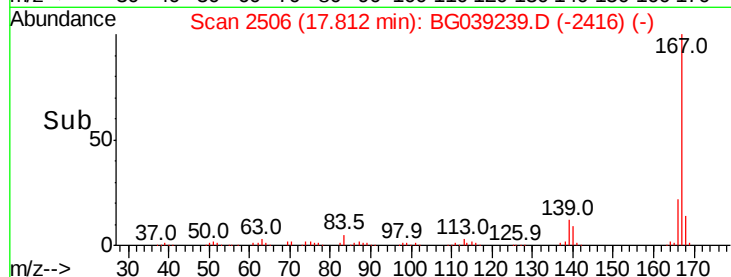
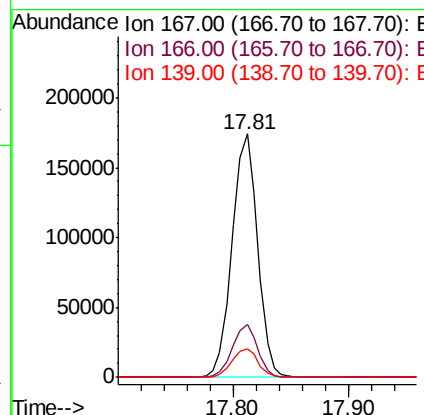
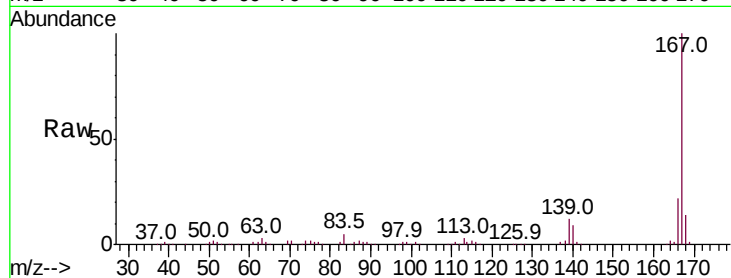
#73
 Carbazole
 Concen: 44.047 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	266187		
166	21.6	16.9	25.3	
139	11.8	10.0	15.0	

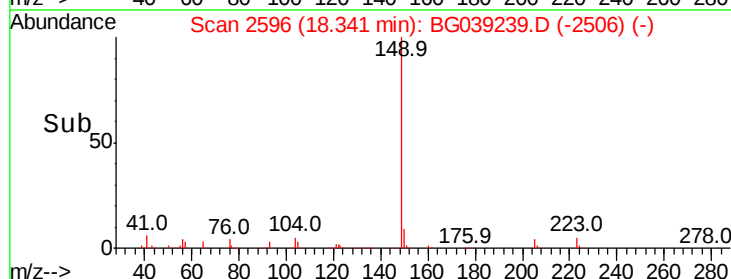
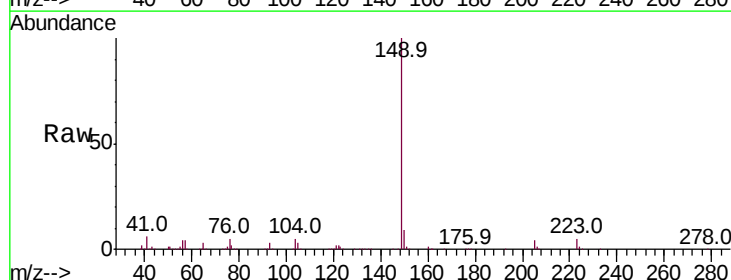
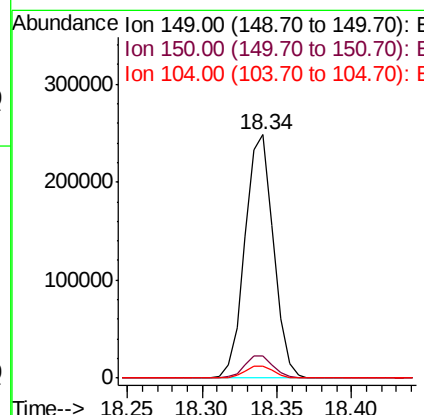
Manual Integrations
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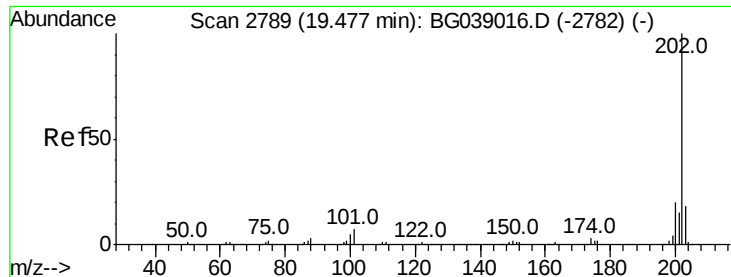
Sohil
 1/22/2019 10:00:20 AM



#74
 Di-n-butylphthalate
 Concen: 48.614 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	326829		
150	9.3	7.9	11.9	
104	5.1	4.2	6.2	





#75

Fluoranthene

Concen: 49.026 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

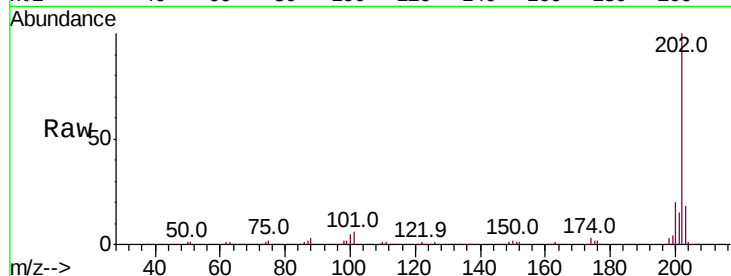
ClientSampleId :

SU-01-011719-AMS

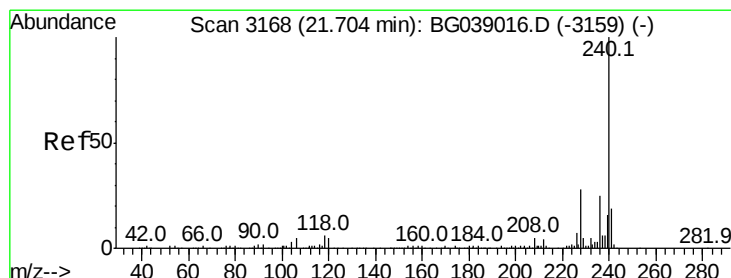
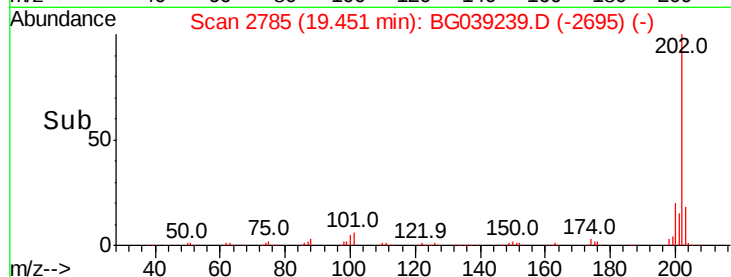
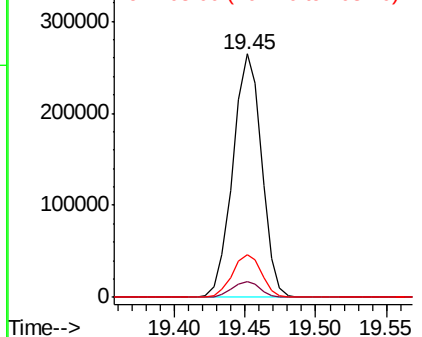
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.2	0.0	26.9	
203	17.5	0.0	38.1	

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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

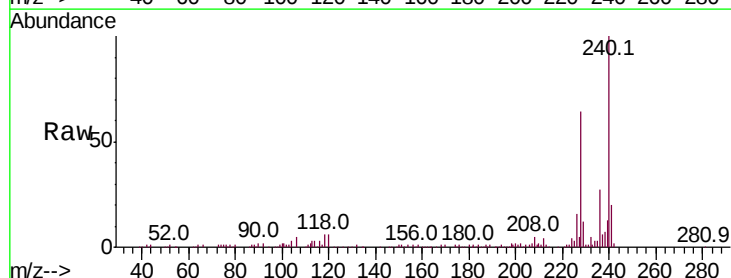
RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

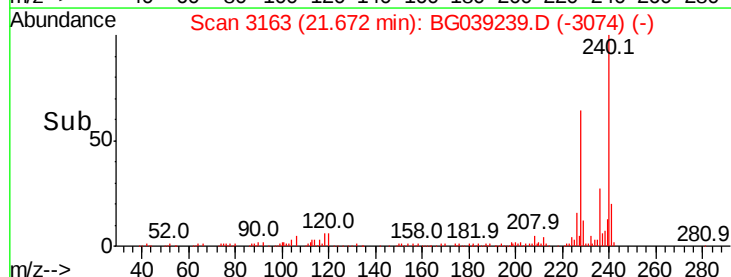
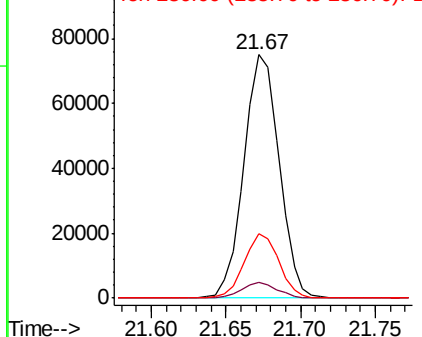
Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.2	4.3	6.5	
236	26.7	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: 13.478 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

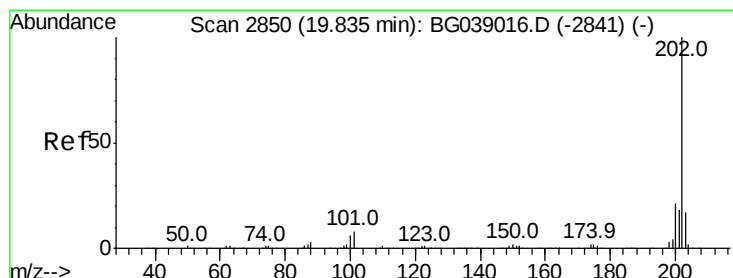
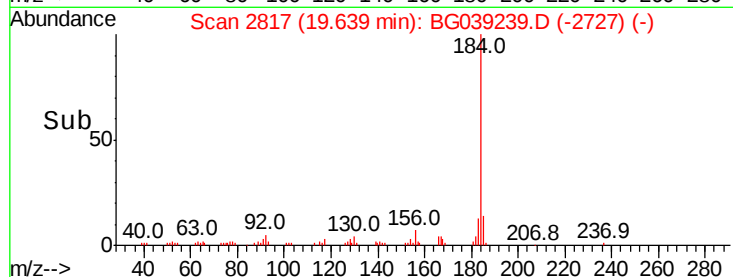
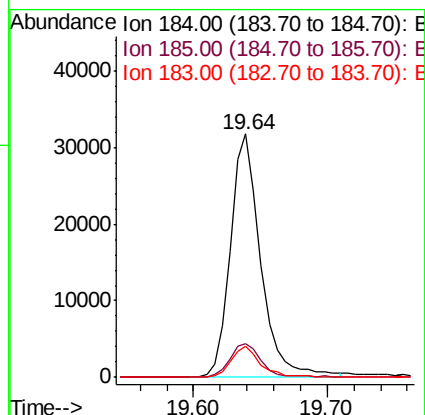
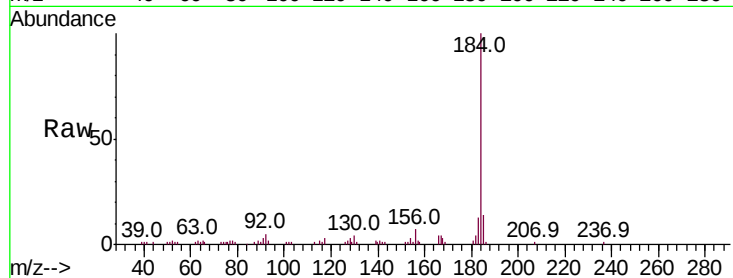
ClientSampleId :

SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.1	18.1
183	12.9	9.5	14.3

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#78

Pyrene

Concen: 47.573 ng

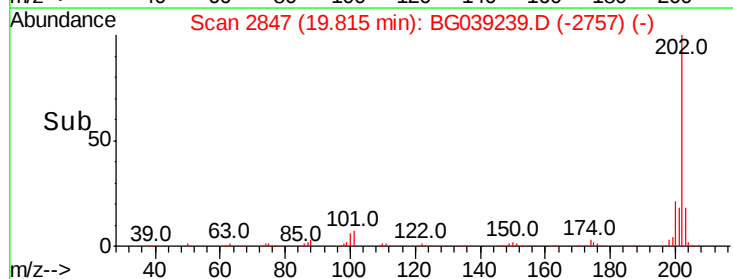
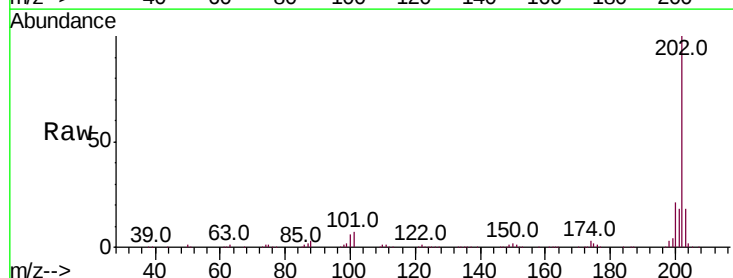
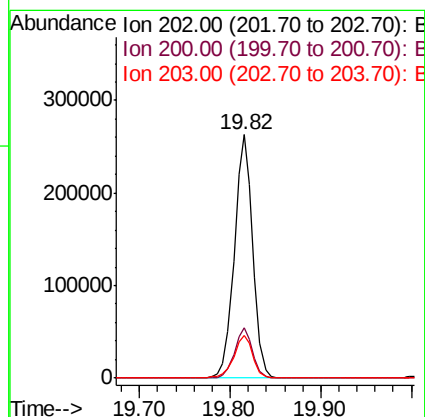
RT: 19.82 min Scan# 2847

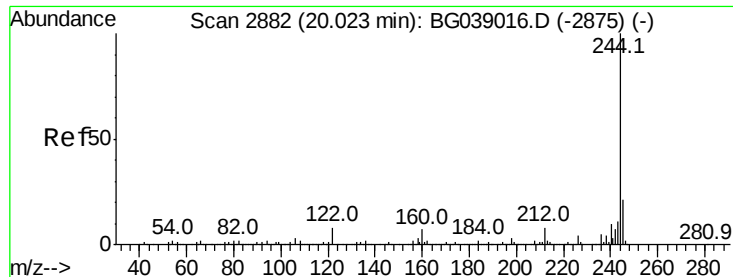
Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	17.8	14.0	21.0





#79

Terphenyl-d14

Concen: 81.670 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

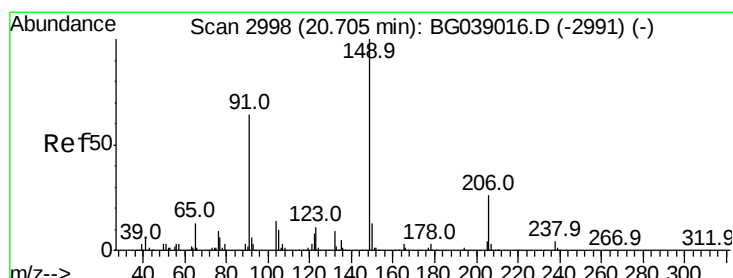
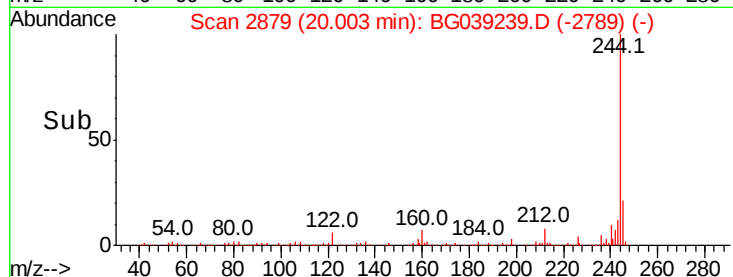
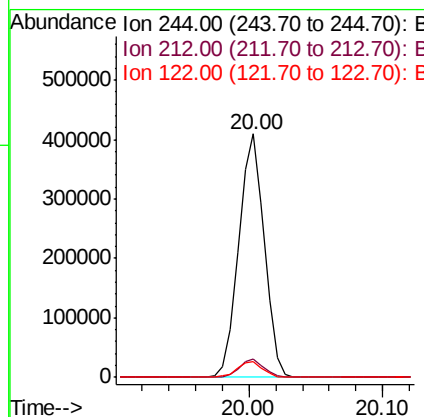
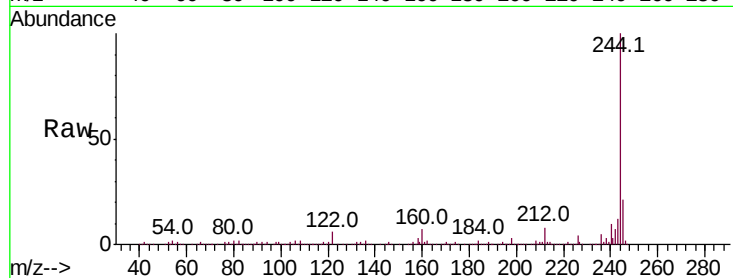
ClientSampleId :

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Tot Ion:	244	Resp:	540538
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.1	9.1
122	6.4	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 46.177 ng

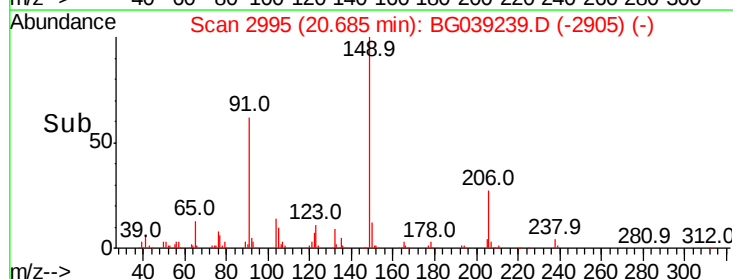
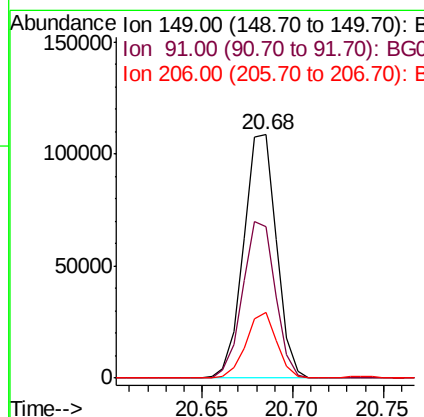
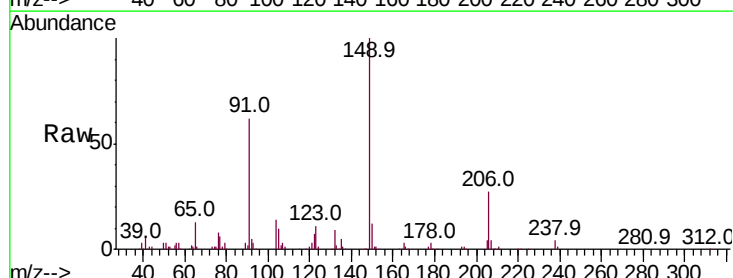
RT: 20.68 min Scan# 2995

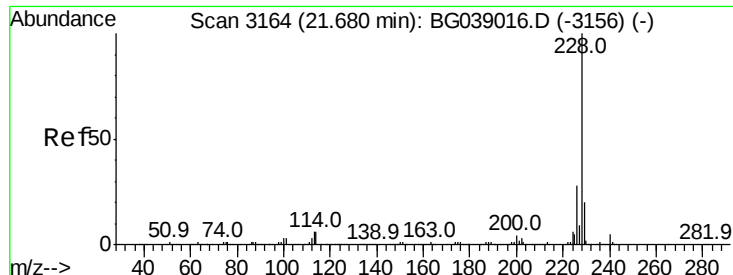
Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	149	Resp:	137038
Ion Ratio	Lower	Upper	
149	100		
91	62.1	51.4	77.0
206	26.9	20.4	30.6





#81

Benzo(a)anthracene

Concen: 49.119 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

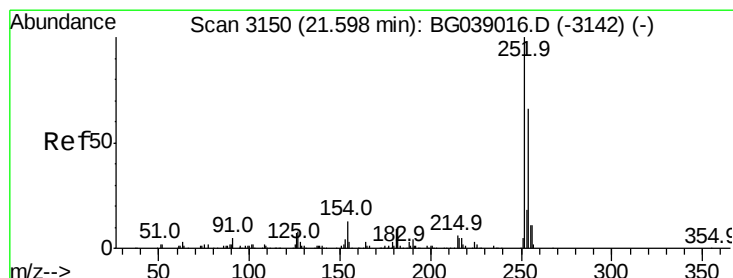
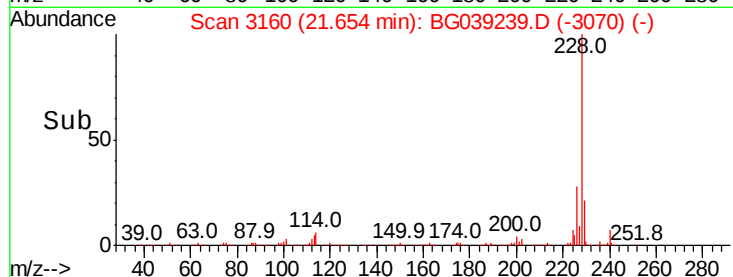
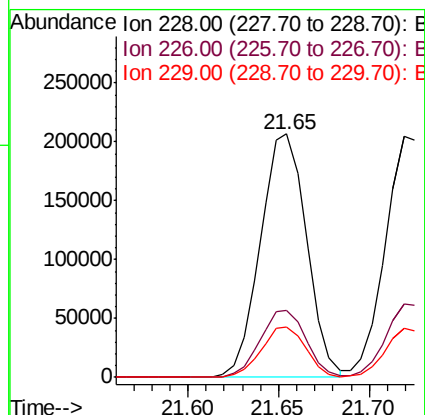
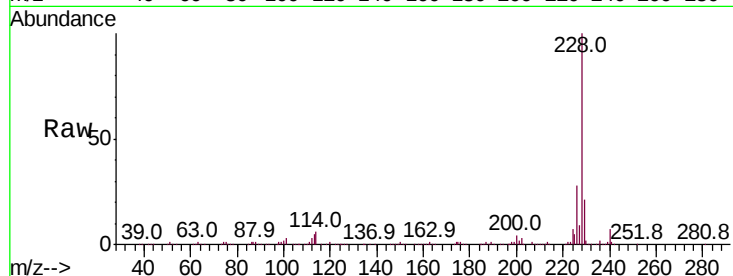
ClientSampleId :

SU-01-011719-AMS

Tot Ion:	228	Resp:	366103
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.4	33.6
229	20.8	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 22.635 ng

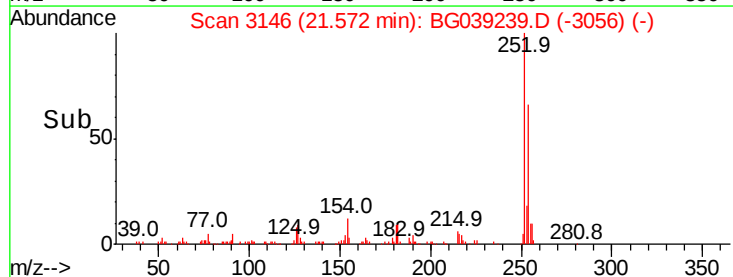
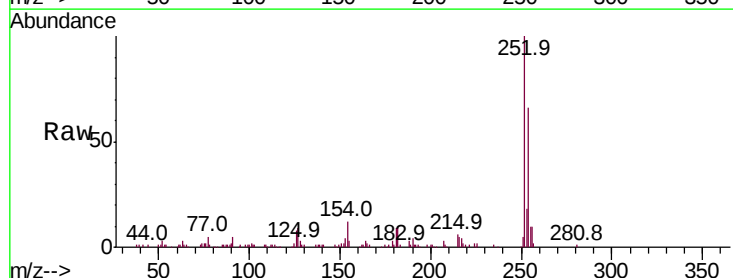
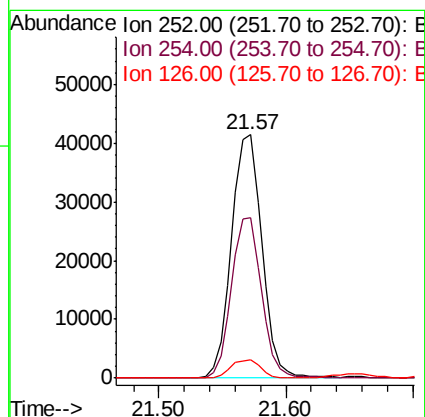
RT: 21.57 min Scan# 3146

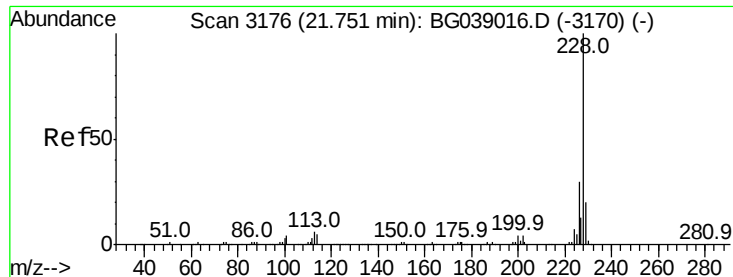
Delta R.T. -0.00 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	252	Resp:	68738
Ion Ratio	Lower	Upper	
252	100		
254	66.1	53.0	79.6
126	7.6	6.0	9.0





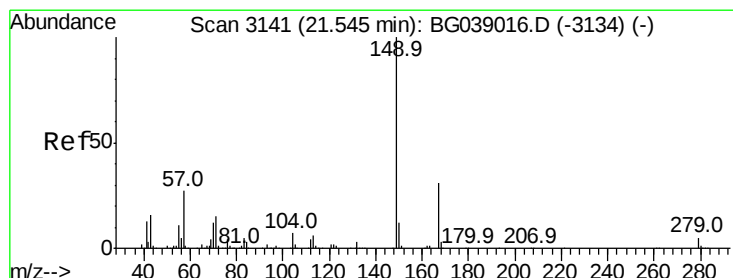
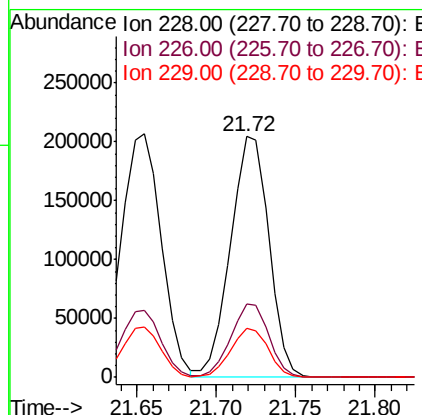
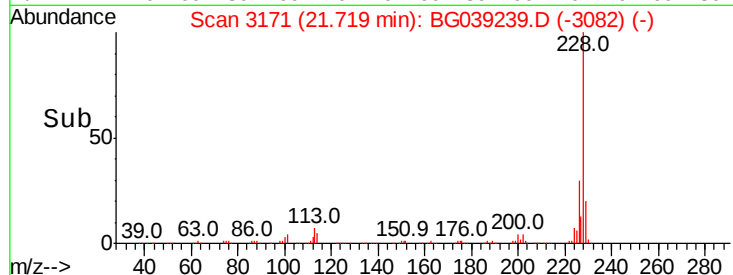
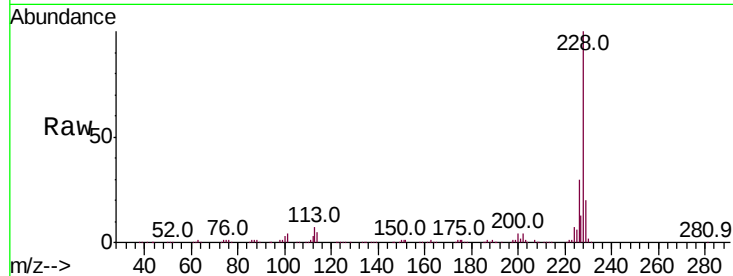
#83
 Chrysene
 Concen: 48.553 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-AMS

Tot Ion:	228	Resp:	344179
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	20.3	16.0	24.0

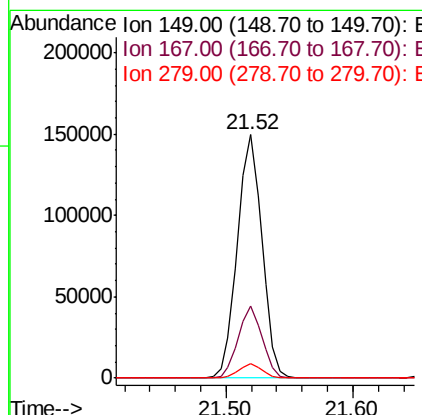
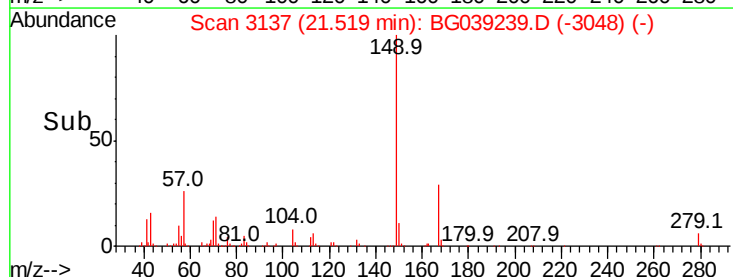
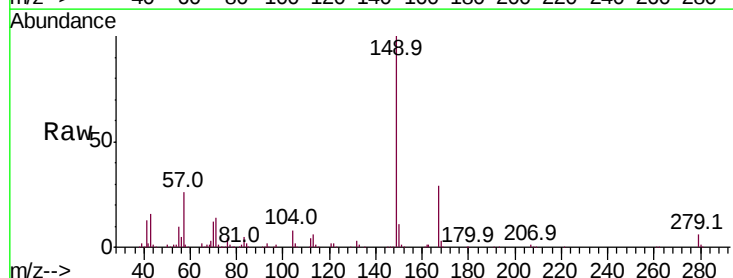
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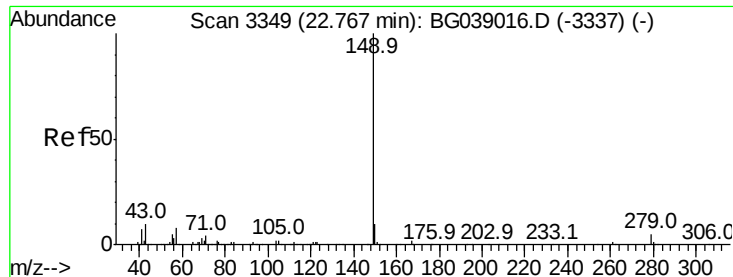
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.633 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG039239.D
 Acq: 21 Jan 2019 18:39

Tgt Ion:	149	Resp:	200400
Ion Ratio	Lower	Upper	
149	100		
167	29.4	25.0	37.4
279	5.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 49.989 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Instrument :

BNA_G

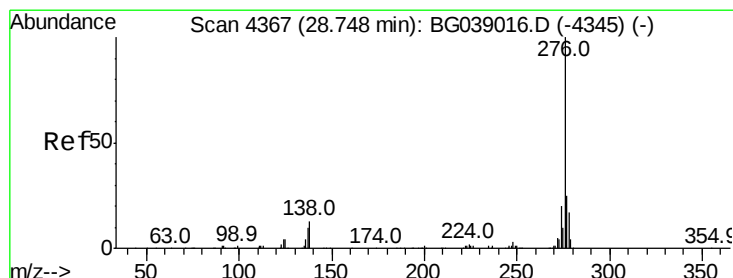
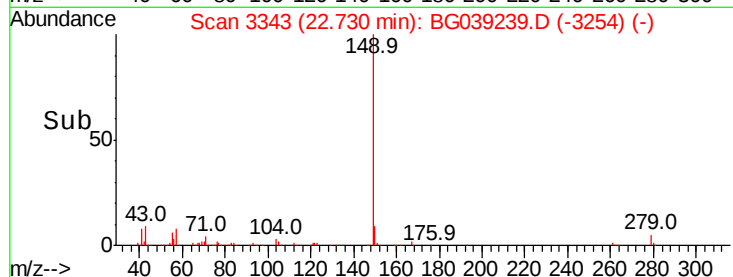
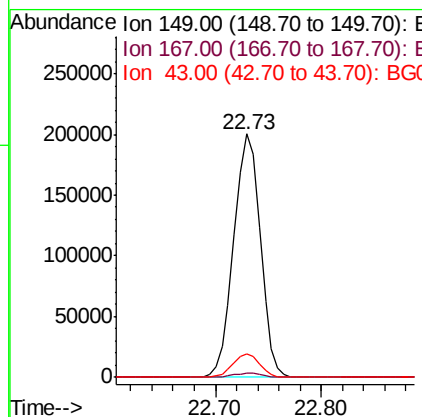
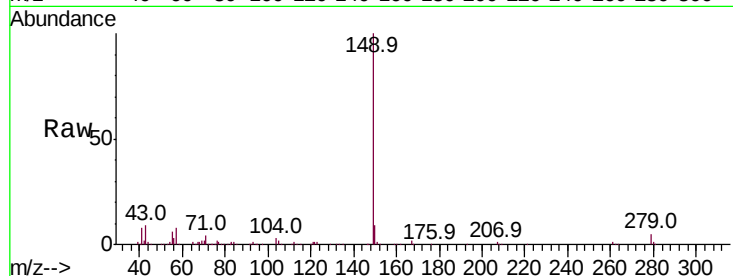
ClientSampleId :

SU-01-011719-AMS

Tot Ion:	149	Resp:	348306
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.8	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 50.268 ng

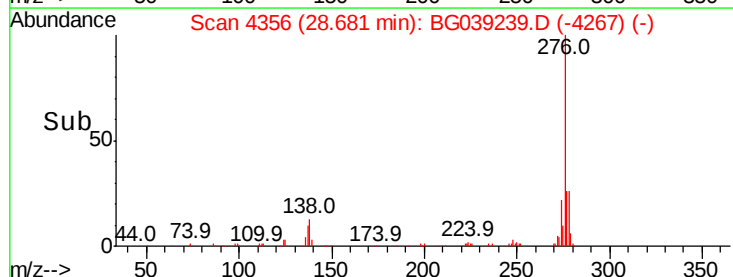
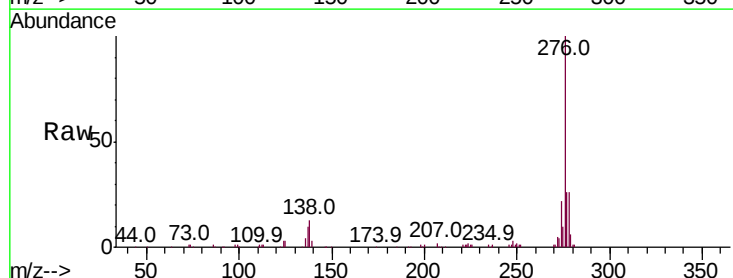
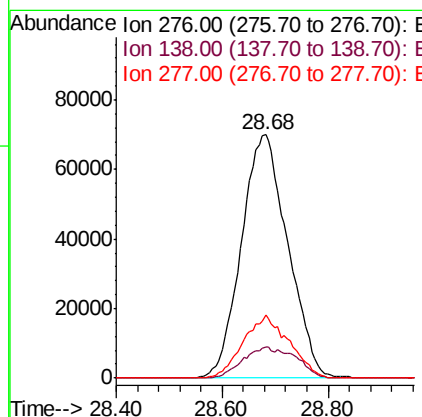
RT: 28.68 min Scan# 4356

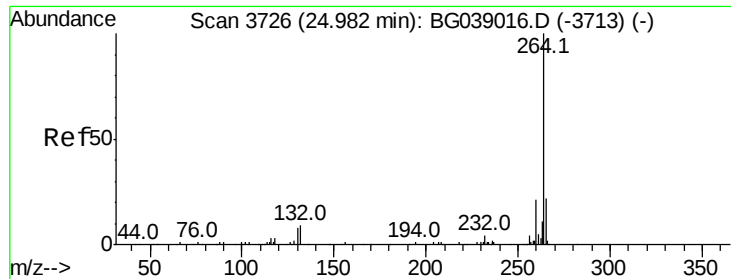
Delta R.T. -0.01 min

Lab File: BG039239.D

Acq: 21 Jan 2019 18:39

Tgt Ion:	276	Resp:	425795
Ion Ratio	Lower	Upper	
276	100		
138	14.5	8.0	12.0#
277	25.6	20.3	30.5





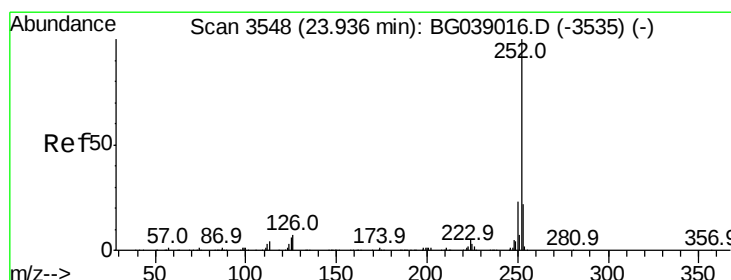
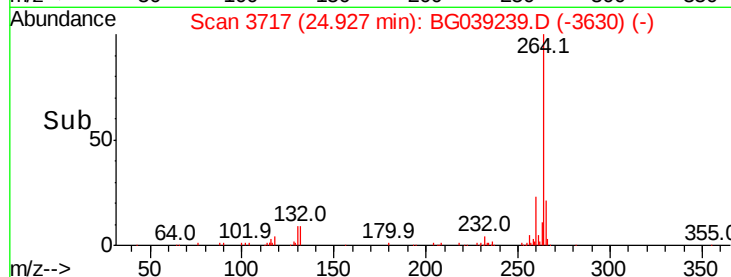
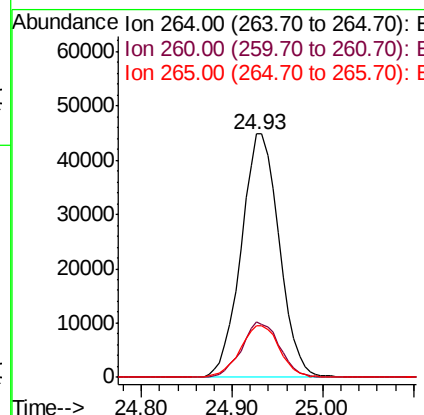
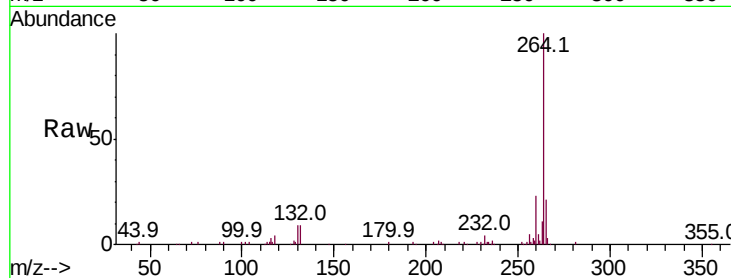
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	21.2	17.2	25.8

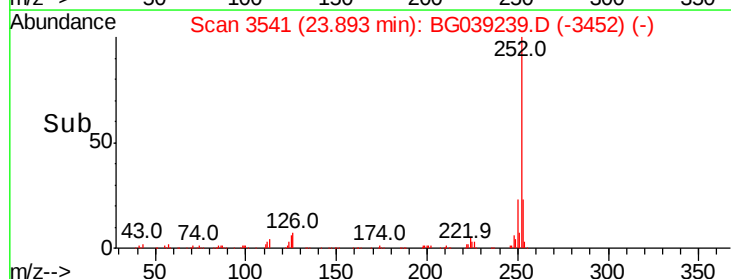
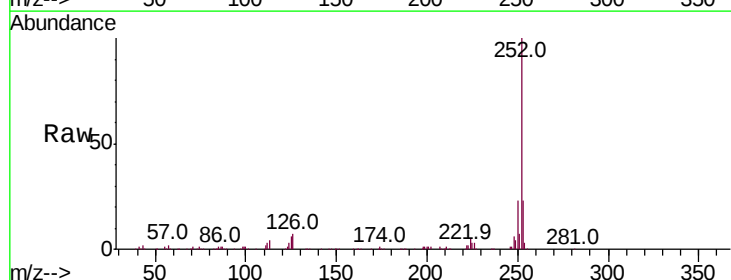
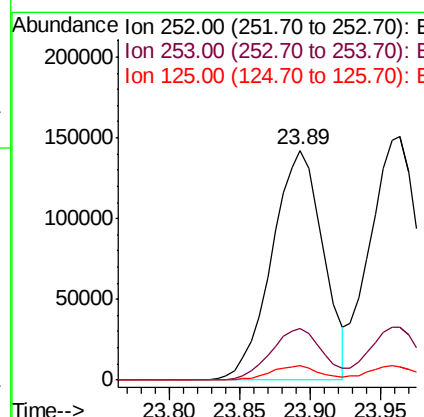
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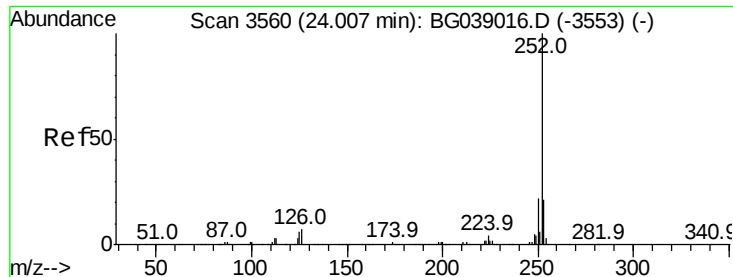
Sohil
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#88
Benzo(b)fluoranthene
Concen: 50.036 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	6.0	4.9	7.3





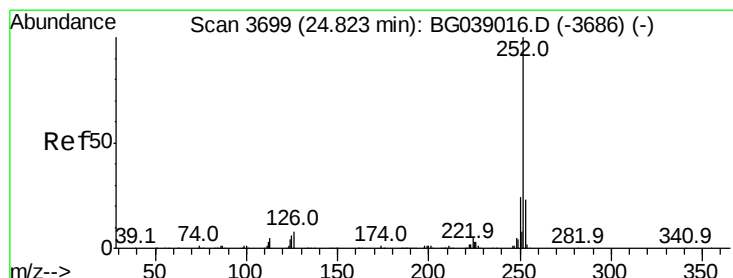
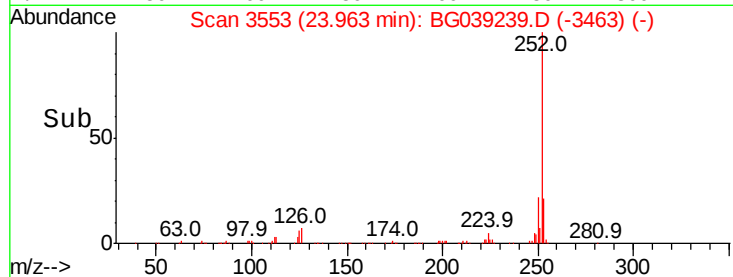
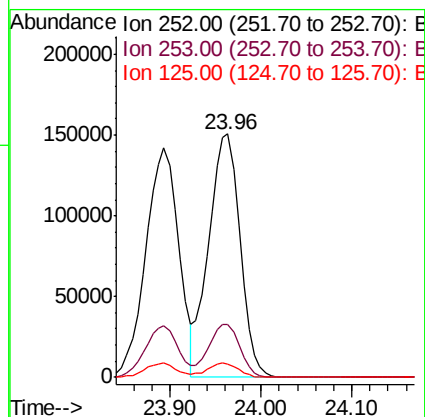
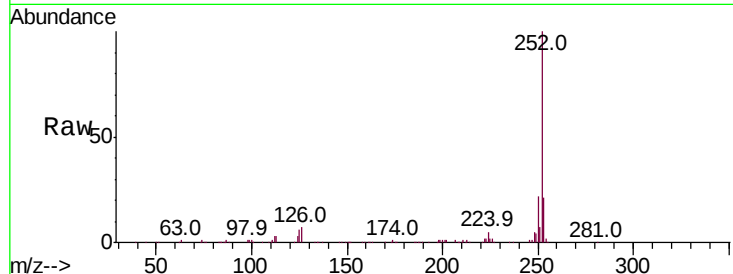
#89
Benzo(k)fluoranthene
Concen: 51.117 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	5.7	4.6	7.0

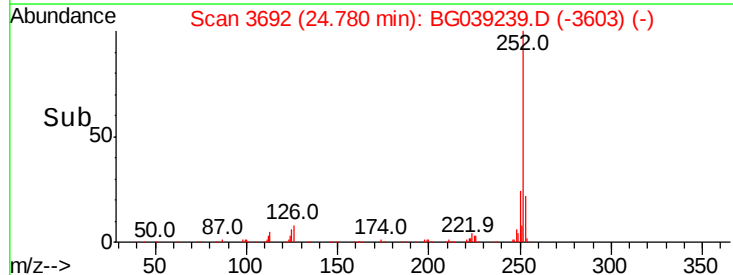
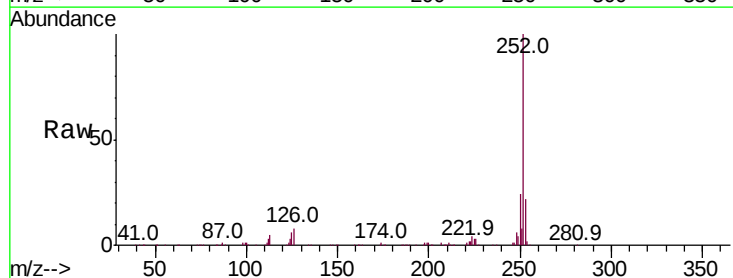
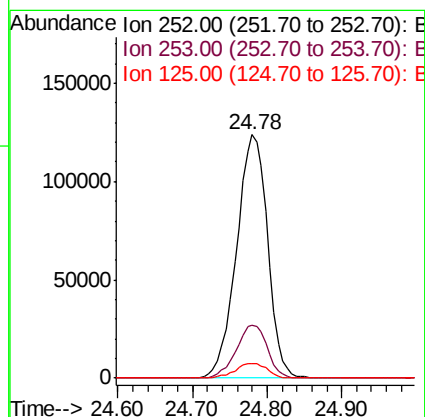
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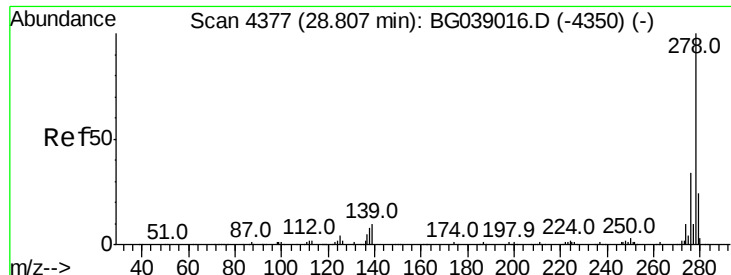
Sohil
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#90
Benzo(a)pyrene
Concen: 51.394 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	6.1	4.9	7.3





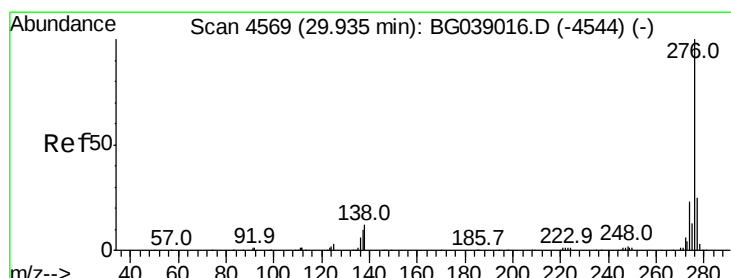
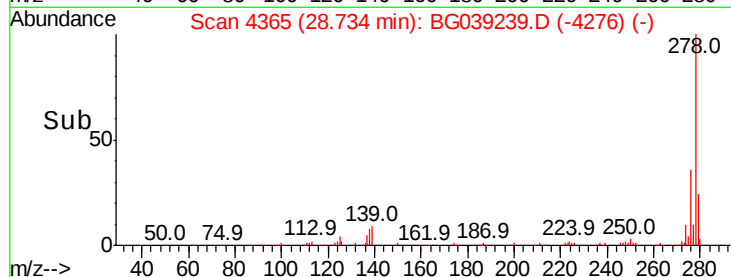
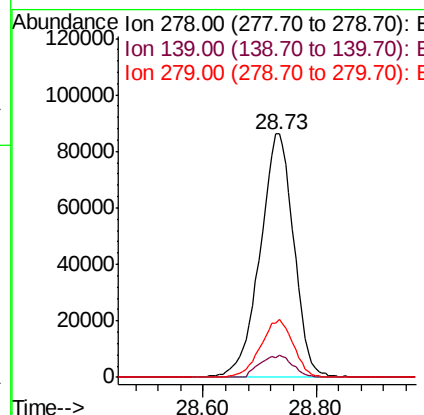
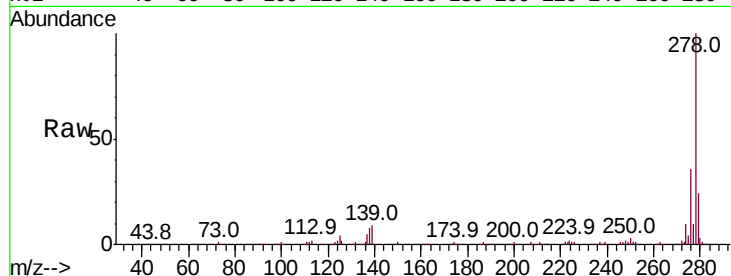
#91
Dibenzo(a,h)anthracene
Concen: 51.546 ng
RT: 28.73 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.9	11.9
279	23.9	19.3	28.9

Manual Integrations
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1/22/2019 10:00:20 AM



#92
Benzo(g,h,i)perylene
Concen: 51.574 ng
RT: 29.85 min Scan# 4555
Delta R.T. -0.02 min
Lab File: BG039239.D
Acq: 21 Jan 2019 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.3	30.5
138	12.7	9.4	14.2

